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ROYAL ALFRED OBSERVATORY, MAURITIUS.

(LATITUDE 20°5′39 S.—LONGITUDE 3h 50m 12s·6 E.)

RESULTS

OF

MAGNETICAL AND METEOROLOGICAL OBSERVATIONS

FOR THE MONTH OF

JANUARY 1926

M. KŒNIG, A.INST.P.
ACTING DIRECTOR.

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PREFACE.

Beginning with the year 1916 metric units have been employed in the work and publications of the Royal Alfred Observatory. The conversion factors and constants adopted are as follows :—

ATMOSPHERIC PRESSURE.

1 millibar = 1000 dynes per cm^2.

Acceleration due to gravity

$= G = g_{45} (1 - \cdot 00259 \text{ Cos. } 2\lambda) = 978\cdot677$ cm/sec^2. $g_{45} = 980\cdot617$ cm/sec^2.

Density of mercury at normal freezing-point of water = 13·5955.

1000 millibars = 29·5306 inches = 750·076 mm. of mercury at temperature 0° Cent. and gravity at 45° Latitude.

TEMPERATURE.

1° Centigrade = 1·8° Fahrenheit.

Centigrade temperatures = $\frac{5}{9}$ (Fah. − 32°).

Absolute temperatures = 273 + Centigrade temperature.

WIND VELOCITY.

1 mile per hour by Robinson Anemometer (using the factor 3.) = 0·32753 metres per second.

1 mile per hour by Robinson Anemometer (using the factor 2·2) = 0·44704 metres per second.

Pressure in lbs. per sq. foot = $.015V^2$ (V = Velocity in metres per second.)

" grammes per cm^2 = $.00733V^2$ (" " ")

LENGTH.

1 inch = 25·40 millimetres.

The tables are, with few exceptions, self-explanatory. In Table I—Daily Results of Magnetical Observations—the values in columns 1, 2 and 3 are derived from the hourly measures of the self recording instruments by the formula:

$$x = \left(\frac{x_0 + x_{24}}{2} + x_1 + x_2 \ldots . x_{23}\right) \div 24,$$

in which $x_0, x_1, x_2, \ldots\ldots x_{24}$ represent the value of the element at the hours 0, 1, 2 . . . . 24 respectively. The same remark applies to columns 1, 6, 8, 21, 22 and 25 of Table VII—Daily Results of Meteorological Observations.

In Tables IV and V, " Hourly Observations of Magnetic Horizontal Force and Vertical Force," no corrections have been applied for the diurnal variation of temperature in the magnet basement. The range during one day seldom exceeds 0°.1 Cent.

In Table VI. are given certain Meteorological Observations made at the Aerological Station at Vacoas (424·55 metres) which was opened for continuous work in November 1924.

The amount of cloud at Vacoas is the mean of eight observations made at intervals of three hours from 0^h to 21^h.

The rainfall refers to the Civil Day counting from 0^h to 24^h, as at Pamplemousses.

In Table VII—the mean temperature of the dew-point, the degree of humidity and the elastic force of vapour (cols. 9, 11 and 13) are derived from the mean daily temperature of the air and of evaporation, by means of Tables based on Glaishers' Hygrometrical tables and are not the means of twenty-four hourly values.

The amount of rainfall given in column 15, refers to the Civil Day counting from 0^h to 24^h.

The amount of evaporation (col. 17) is obtained from the readings of a Negretti and Zambra evaporometer, which consists of a cylindrical brass vessel 8 inches in diameter and 4 inches deep. The amount of water in the vessel is measured at midnight.

In column 34—Weather—the colons divide the day into intervals of three hours or multiples of three hours. The abbreviations have the following signification.

b	blue sky, cloudless or nearly so.	*o*	overcast.
c	partially cloudy.	*p*	passing showers.
d	drizzle.	*q*	squally.
f	fine.	*r*	continuous rain.
g	gloomy.	*t*	distant thunder.
l	lightning.	*t.s.m.*	thunderstorm.

A clear day is a day on which the mean amount of cloud was 3 or less and an overcast day one on which it was 7 or more.

The normal values of the meteorological elements are derived from a discussion of the observations during different periods ending with December 1915 :—Pressure 1875–1915, Temperature of the Air 1876–1915, of Evaporation, Dew Point and Relative Humidity 1891–1915, Resultant Wind Direction and Velocity 1881–1915, Observed Velocity of the Wind 1876–1915.

The Rainfall at selected stations in Mauritius (Table XV) is measured at about 9^h and the amount entered for the day on which it is measured.

The percentage variations of rainfall in the various districts given at the foot of Table VII have been referred to the River Systems adopted in the "Report of the Commission on Irrigation in Mauritius" in order to meet the requirements of the agricultural and irrigation services of the Colony.

The normal falls in Table XV are given in millimetres only and the monthly falls in millimetres and inches, at the request of some planters who have not yet become accustomed to the metric readings.

The observations of the Direction of Cloud and the Velocity-Height-ratio, given in Table XVI, are made with a Fineman nephoscope at the Vacoas Aerological Station.

Interim accounts of cyclonic storms which occur in the South Indian Ocean together with observations received from the various reporting stations and those made on board ships trading with Mauritius are published in the bulletin as opportunity offers.

All times refer to the Civil Day counting from 0^h to 24^h (midt.) in Mauritius Standard Time, 4 hours fast on Greenwich.

M. KŒNIG,
Acting Director.

April 13th, 1926.

TABLE I.—RESULTS of MAGNETICAL OBSERVATIONS made during the MONTH of JANUARY 1926.

Month and Day. 1926	Mean Declination (West)	Mean Horizontal Force. (C.G.S. Units.)	Mean Vertical Force. (C.G.S. Units.)	Daily Range of.† Declination.	Horizontal Force	Vertical Force.
					Unit 1 γ	
JAN.	° ′			′		
1	11·14·7	·22897	·29870	8·3	40	28
2	14·4	893	870	8·5	50	19
3	14·7	903	873	4·2	36	8
4	14·6	903	864	8·0	55	26
5	14·6	904	864	7·3	31	16
6	14·1	896	864	6·3	31	12
7	14·8	899	861	8·9	50	14
8	14·3	893	861	4·9	50	12
9	14·7	901	853	8·1	49	32
10	15·0	901	854	6·7	30	15
11	14·9	910	848	13·5	40	32
12	14·4	921	846	9·8	72	26
13	15·0	878	849	9·0	71	16
14	15·6	869	844	11·3	79	29
15	15·4	855	837	11·6	34	36
16	15.1	862	838	10·1	30	23
17	14·8	870	829	11·7	77	33
18	14·4	879	825	21·0	51	40
19	15·0	864	824	14·2	49	47
20	15·3	875	820	9·0	29	29
21	15·2	879	815	11·1	34	29
22	15·1	882	814	8·0	30	30
23	15·7	840	818	9·8	60	41
24	15·5	859	822	3·9	30	20
25	15·9	858	811	4·8	20	31
26	15·5	859	817	6·3	175	21
27	16·2	774	827	12·0	58	20
28	16·7	807	826	7·7	40	17
29	16·2	833	820	5·7	29	19
30	15·5	843	819	6·0	14	17
31	15·4	849	817	8·7	38	18
Mean	11·15·12	·22873	·29839	8·92	47·8	24·6

Description of the Principal Magnetic Disturbances.

The following notes give a brief description of the principal magnetic disturbances The movements in Horizontal Force and Vertical force are expressed in G.G.S. units.

The term "wave" indicates a movement in one direction and return; "double wave," a movement in one direction and return with continuation in the opposite direction and return; "fluctuations," a number of movements in both directions.

The extent and direction of the movement are indicated in brackets, + denotes an increase and—denotes a decrease of the Magnetic Element; ± denotes positive and negative movements of approximately equal extent.

January 7d. 20h.—8d. 6h. waves in H.F. (±20γ.)

11d. 13h. 50m.—11d. 16h. 10m. Negative wave in H.F. (—30γ.) with superposed oscillations.

12d. 3h. 50m.—4h. 10m. Sudden decrease in H.F. (20γ)

12d. 9h. 10m.—12h. Negative wave in H.F. (40γ)

13d. 10h.—17d. General increase in H.F. with maximum at 14d. 2h.

14d. 6h.30m.—9h. Three waves in Declination (±2′)

16d. 2.h30m. Decrease in Declination: 4′

18d. 12h. Train of waves (±30γ) in H.F. with superposed oscillations.

22d. 19h. 35m. Sharp increase (30γ) in H. F. followed by general decrease, with frequent slight oscillations, up to 24d. 4h.

22d. 19h. 35d. Beginning of a series of small rapid vibrations in V.F. lasting to 24d. 4h.

26d. 19h. 30m. Large wave in H.F. with max. +150γ at 21h. 10m. and min.(—140γ) at 23h. 15m., followed by rapid and pronounced changes (±50γ) up to 27d. 8h. General decrease in H.F. up to 28d. 23h.

26d. 19h. 30m.—27d. 8h. Train of waves in Declination (±8′) with superposed vibrations.

26d. 19h. 30m. General increase in V.F. with superposed vibrations (±10 γ) up to 27d. 6h.

T=0·37597: Mean Dip=θ=52°.31′·69. (X=·22433: Y=—·04463: Z=·29839).

† The daily range is the difference between the greatest and least hourly values.

TABLE II.—RESULTS of ABSOLUTE DETERMINATIONS of the MAGNETIC ELEMENTS during the MONTH of JANUARY 1926

Declination (West).		Horizontal Force (C.G.S. Unit)		Dip (South).					
				A. M. Observations.		Resulting Vertical Force. C. G. S. Units.	P. M. Observations.		Resulting Vertical Force C.G.S. Units
Day and Hour.	Observed Value.	Day and Hour.	Observed Value.	Day and Hour.	Observed Value.		Day and Hour.	Observed Value.	
d h m	° ′	d h m		d h m	° ′		d h m	° ′	
JAN. 6.10.38	11.16·01	JAN. 6.11.18	·22899	JAN. 6.10·03	52.31·25	·29867	JAN. 6.13.23	52.32.37	·29862
.13.11	11.12·38	·12·57	·22911	13.11.47	52.30·75	·29844	13·13.18	52.33.25	·29852
13·11.56	11.10·55	14· 9·30	·22904	18. 9.46	52.29·00	...	18.13.13	52.28.25	·29796
.13.09	11.10·40	·12·16	·22886	25. 9.33	52.30·87	·29817	25.13.13	52.28.87	·29772
18. 9.57	11.19·59	22. 9·40	·22896						
.13.04	11. 2·38	·12·18	·22928						
25.09.42	11.18·34	29· 9·29	·22848						
.13.04	11.16·26	·12·13	·22818						

TABLE III.—MAGNETIC DECLINATION (WEST) at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

JANUARY 1926.

Hour \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
	11° +																
Midnight	15'.1	15'.3	16'.0	15'.3	15'.5	15'.3	15'.3	15'.3	15'.9	15'.7	15'.2	15'.0	14'.7	15'.8	14'.1	14'.5	Midnight
1h	15.0	15.0	15.6	15.0	15.3	15.1	15.5	15.0	15.9	15.9	15.5	15.8	15.7	16.7	14.1	15.2	1h
2	15.0	15.0	15.9	15.0	15.5	14.8	15.5	15.3	15.8	15.9	16.0	16.0	15.3	15.3	14.0	15.5	2
3	15.0	15.2	15.7	15.9	15.7	15.0	15.7	15.5	15.9	15.9	17.0	16.2	15.0	16.7	15.0	13.9	3
4	15.9	15.7	15.9	16.0	15.9	15.7	16.0	14.7	15.9	15.9	17.2	17.0	16.0	17.3	16.0	16.5	4
5	15.9	15.7	16.0	17.0	16.0	16.0	16.1	14.3	16.0	16.0	18.0	16.5	16.3	18.0	18.0	16.3	5
6	15.5	15.5	16.2	18.0	16.1	16.0	17.9	15.9	17.0	16.5	19.0	18.0	17.9	20.0	18.0	17.0	6
7	16.0	16.0	16.1	18.0	18.0	15.8	16.5	15.0	18.1	18.0	22.0	19.5	19.5	20.5	21.5	16.2	7
8	17.8	16.3	15.3	16.0	17.7	14.7	16.0	14.1	18.1	18.2	22.5	18.0	18.3	21.0	21.0	20.0	8
9	18.2	17.3	15.5	16.7	17.3	15.9	16.3	14.3	16.2	17.7	20.0	14.3	15.5	20.0	19.5	18.2	9
10	18.5	18.2	15.9	15.8	16.0	16.0	17.2	15.0	16.5	16.0	16.0	13.0	13.5	15.3	18.0	17.9	10
11	16.2	16.0	15.5	15.0	15.0	15.8	16.2	15.8	15.5	14.2	13.0	11.3	12.0	12.2	13.0	15.0	11
Noon	14.1	12.8	14.5	14.6	14.0	14.0	15.0	14.0	13.0	12.0	10.3	10.2	11.2	10.5	11.3	11.7	Noon
13h	12.3	10.2	13.0	11.5	12.1	12.2	15.2	13.0	11.3	11.5	9.8	9.7	10.5	9.7	9.9	10.0	13h
14	10.3	10.0	12.0	10.0	10.7	11.0	14.0	12.1	10.0	12.2	9.0	10.5	11.0	11.3	10.3	9.9	14
15	10.2	9.7	12.1	11.0	10.7	9.7	11.7	11.9	11.0	14.0	10.5	12.3	12.3	13.9	12.1	10.0	15
16	11.9	11.5	12.7	10.8	11.0	10.1	09.0	11.0	11.3	14.0	11.0	13.5	15.0	14.0	13.0	11.5	16
17	13.7	12.2	14.0	12.0	12.0	11.8	10.3	11.7	12.2	14.0	12.3	14.0	16.2	14.7	14.2	15.0	17
18	14.1	12.2	14.2	13.5	13.5	12.7	12.3	13.0	13.9	14.8	13.3	14.0	17.8	15.0	15.3	16.2	18
19	14.0	14.0	14.0	14.2	14.0	13.9	13.0	14.1	14.1	14.3	13.9	13.9	15.5	16.0	16.1	15.3	19
20	14.0	14.3	14.0	14.2	14.1	14.0	15.5	14.3	14.1	14.1	13.9	14.0	14.8	15.5	16.0	15.9	20
21	14.3	14.8	14.0	14.5	14.1	14.1	14.5	15.2	14.7	14.2	13.9	14.0	14.3	16.1	16.7	16.5	21
22	14.3	16.2	14.3	14.7	14.6	14.5	15.3	15.7	15.0	14.5	14.0	14.1	15.0	14.5	16.5	16.7	22
23	15.3	16.0	14.6	15.3	15.0	14.7	15.3	15.9	15.0	15.0	14.3	14.3	16.0	14.2	15.0	16.2	23

Hour \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Day. / Hour.
	11° +																
Midnight	15'.9	16'.0	15'.7	16'.0	15'.8	16'.0	16'.5	16'.0	15'.7	16'.0	21'.5	15'.8	15'.9	15'.7	16'.0	15'.8	Midnight
1h	15.0	15.0	14.3	15.0	15.0	15.9	20.0	16.2	16.0	16.0	24.2	16.0	15.8	15.9	16.0	15.9	1h
2	13.3	15.0	14.2	14.5	15.0	15.5	17.0	16.7	16.2	16.0	21.0	16.7	16.0	16.0	16.0	15.6	2
3	14.0	15.0	15.0	14.7	15.0	15.5	22.0	17.7	16.2	15.5	17.0	15.8	16.2	16.5	17.0	15.9	3
4	14.7	15.0	13.7	15.2	15.3	15.7	20.7	17.7	16.5	15.7	20.0	17.2	16.7	16.5	16.3	16.3	4
5	15.2	15.7	13.9	16.1	15.8	16.0	17.0	17.0	16.2	16.5	18.0	17.5	17.3	17.2	17.7	16.4	5
6	16.5	16.5	16.0	17.2	16.2	16.3	17.5	17.0	16.5	16.5	19.0	18.2	17.9	18.0	18.0	17.2	6
7	19.9	20.5	20.0	19.9	19.0	18.0	20.0	15.7	18.0	17.0	20.0	19.0	17.0	18.5	18.0	18.3	7
8	21.0	23.5	22.7	20.0	21.0	19.0	18.5	16.0	18.3	17.7	18.0	19.0	18.0	18.0	19.0	18.5	8
9	20.0	24.0	22.1	18.0	19.9	17.8	18.0	16.0	18.3	17.0	17.0	21.0	19.7	18.0	19.0	18.0	9
10	18.7	21.0	20.2	17.8	18.0	17.0	18.0	16.2	18.1	17.0	15.8	21.5	19.5	17.0	16.0	17.1	10
11	15.8	13.0	16.0	17.7	16.0	16.0	17.8	16.3	17.5	16.0	15.0	20.0	18.0	14.2	14.0	15.3	11
Noon	12.2	8.0	13.0	16.0	15.5	14.5	16.5	15.7	16.2	14.0	14.0	19.0	17.0	13.2	12.5	13.6	Noon
13h	9.5	4.0	9.8	13.9	14.0	12.3	13.7	14.2	16.0	12.3	13.9	15.7	16.0	13.2	12.0	12.0	13h
14	9.3	3.0	9.5	12.0	12.2	11.5	11.0	14.7	15.5	12.5	13.7	14.5	14.5	13.0	10.3	11.3	14
15	9.8	6.7	8.5	11.5	10.5	11.0	8.7	14.0	14.0	13.0	13.8	13.8	15.0	12.5	10.3	11.5	15
16	11.5	9.0	9.8	11.0	9.9	11.7	10.0	13.8	13.8	14.2	14.0	14.7	15.0	14.0	13.0	12.2	16
17	14.3	12.3	12.2	11.9	11.3	13.8	10.2	13.8	13.5	15.5	13.5	14.5	14.0	14.7	14.7	13.2	17
18	15.2	14.1	15.0	13.5	13.2	14.2	12.7	13.8	13.8	16.0	12.2	15.0	14.0	15.0	15.0	14.1	18
19	14.7	14.2	15.5	14.2	14.3	14.8	13.8	14.2	14.2	16.0	13.3	15.0	15.5	15.2	15.2	14.5	19
20	15.0	15.0	16.0	14.7	14.7	14.5	14.5	14.5	15.0	14.0	13.5	14.5	15.0	15.2	15.2	14.6	20
21	15.0	15.8	16.0	14.7	15.8	14.3	14.0	14.3	15.0	12.0	14.2	15.0	15.0	15.0	15.7	14.8	21
22	14.7	16.3	15.7	15.1	16.0	15.0	14.7	14.5	15.0	14.0	14.1	15.3	15.0	15.0	15.8	15.0	22
23	15.2	16.0	15.5	15.5	16.0	17.0	14.7	15.3	15.8	18.3	15.2	15.8	15.5	15.0	15.9	15.4	23

TABLE IV.—MAGNETIC HORIZONTAL FORCE at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber).

JANUARY 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. \ Hour.
	·22000 + (C.G.S. UNIT.)																
Midnight	888	893	882	900	900	898	893	891	900	897	901	910	909	842	861	868	Midnight
1h	889	891	890	900	900	899	895	905	895	896	908	910	901	849	867	864	1h
2	890	897	893	900	901	900	896	892	892	895	910	909	910	840	870	870	2
3	900	898	899	911	900	900	900	896	891	895	900	900	905	849	859	862	3
4	900	899	899	919	900	900	898	912	898	895	900	920	904	852	861	860	4
5	902	900	900	911	902	899	900	909	899	895	902	902	891	860	861	860	5
6	908	909	905	915	910	901	909	909	902	900	910	910	893	880	860	860	6
7	911	916	910	928	910	910	920	900	909	910	914	918	895	900	851	859	7
8	919	918	911	930	916	910	922	900	910	919	910	926	896	910	850	870	8
9	918	917	903	922	919	900	929	890	920	920	914	945	900	900	840	880	9
10	920	910	910	906	922	899	929	888	930	918	924	972	900	901	840	880	10
11	910	902	910	918	921	892	919	882	930	914	932	960	891	900	840	870	11
Noon	900	900	909	917	920	887	892	880	922	910	925	955	883	893	866	860	Noon
13h	902	885	918	903	910	881	890	862	912	902	921	942	870	900	860	857	13h
14	904	880	910	875	902	880	892	870	900	908	930	938	857	892	868	856	14
15	890	870	905	888	900	879	900	882	886	900	930	915	850	876	860	855	15
16	880	872	909	891	900	882	899	884	881	892	900	910	839	865	854	856	16
17	880	877	908	897	900	900	889	890	890	890	892	906	840	850	852	858	17
18	887	868	903	892	898	892	882	895	889	892	893	902	855	839	850	850	18
19	885	880	900	890	892	899	892	899	890	893	900	908	860	831	836	860	19
20	886	885	890	891	891	893	883	895	892	898	902	908	862	831	840	860	20
21	887	880	892	892	895	899	885	893	898	893	904	910	870	856	840	856	21
22	892	906	900	892	898	900	879	895	900	898	906	910	863	860	860	851	22
23	890	887	900	892	900	900	887	900	900	900	910	910	850	860	870	859	23

Hour. \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Day. \ Hour
	·22000 + (C.G.S. UNIT.)																
Midnight	867	880	860	880	888	870	860	870	862	869	750	804	822	837	844	870·8	Midnight
1h	869	880	880	870	880	871	830	855	852	864	770	820	831	838	846	871·5	1h
2	872	881	880	872	880	872	823	870	851	860	740	808	831	839	849	870·7	2
3	871	881	870	870	875	871	826	854	851	861	762	818	830	840	850	870·8	3
4	871	881	880	870	872	872	840	850	851	860	770	810	830	840	849	873·0	4
5	870	882	881	865	878	873	850	850	851	859	770	803	830	840	850	872·4	5
6	860	889	884	868	880	880	850	855	859	862	760	802	831	842	848	875·8	6
7	850	886	889	870	881	881	850	856	862	861	760	795	833	849	852	878·6	7
8	833	890	888	878	888	880	850	868	861	860	770	800	840	848	852	881·4	8
9	845	890	878	879	882	882	840	870	861	840	771	794	848	851	851	880·6	9
10	841	891	874	888	889	896	835	873	862	849	765	802	841	851	851	882·5	10
11	834	900	850	890	900	898	839	870	862	850	762	800	843	850	852	880·4	11
Noon	841	906	850	882	891	900	840	860	863	835	769	792	840	850	860	877·4	Noon
13h	870	885	850	875	880	900	840	859	860	840	775	790	841	842	868	873·9	13h
14	885	876	854	870	870	898	833	852	860	842	770	793	845	840	865	871·5	14
15	910	890	846	866	868	888	820	860	858	850	776	800	832	842	837	868·7	15
16	902	872	840	861	866	880	815	851	850	845	775	809	828	842	842	864·3	16
17	890	876	844	872	874	873	830	843	854	850	782	809	820	845	847	865·4	17
18	883	870	860	879	880	870	830	855	860	851	781	810	829	842	840	865·4	18
19	886	855	852	878	879	870	839	860	855	850	790	812	821	840	830	865·5	19
20	888	862	848	876	878	896	840	850	850	885	790	813	819	840	840	867·2	20
21	885	857	858	877	876	900	860	859	860	995	790	830	830	841	846	874·6	21
22	881	870	859	879	874	877	850	862	865	915	792	829	831	841	850	873·7	22
23	882	855	861	872	873	870	875	862	870	820	798	822	831	845	850	871·0	23

TABLE V.—MAGNETIC VERTICAL FORCE AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber).

JANUARY 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
	·29000 + (C.G.S. UNIT).																
Midnight	876	876	877	871	869	868	864	863	860	854	851	850	846	850	844	838	Midnight
1h	875	878	875	871	866	867	863	863	860	855	852	850	847	850	844	840	1h
2	873	875	873	871	867	866	863	863	861	855	853	850	847	850	843	840	2
3	874	874	872	871	868	864	866	864	861	856	854	850	848	852	844	837	3
4	873	873	873	871	869	864	866	863	861	858	855	850	848	852	845	840	4
5	873	872	873	871	869	865	866	863	861	859	857	852	850	853	847	841	5
6	875	869	874	869	870	864	865	863	862	860	858	858	852	855	849	843	6
7	876	864	872	863	870	863	863	862	863	860	862	852	855	853	850	848	7
8	875	859	870	856	869	860	861	861	863	859	860	846	857	848	847	851	8
9	870	860	874	854	861	862	856	863	857	855	850	842	843	838	840	845	9
10	852	863	872	852	862	866	859	863	853	853	840	839	842	836	835	837	10
11	848	868	869	846	857	867	859	865	848	852	833	835	841	833	834	833	11
Noon	851	870	869	846	856	865	859	860	837	847	830	832	842	826	814	830	Noon
13h	859	872	873	850	855	865	861	853	831	845	833	833	844	828	815	828	13h
14	867	873	876	862	853	863	860	855	839	851	838	842	846	839	820	829	14
15	871	864	875	868	857	856	854	854	845	855	841	847	850	840	825	828	15
16	872	866	873	869	860	859	852	856	846	854	843	850	853	843	830	830	16
17	872	868	873	868	862	861	856	857	851	855	846	850	850	846	833	833	17
18	872	870	873	866	863	864	862	861	854	855	849	848	851	845	838	837	18
19	873	871	872	867	864	866	863	863	855	855	850	847	850	844	841	839	19
20	873	872	871	868	864	866	862	864	856	854	850	847	850	846	842	839	20
21	873	873	872	868	864	868	862	864	854	854	849	848	850	848	843	840	21
22	873	877	873	870	867	867	862	864	854	854	850	849	850	845	845	841	22
23	873	878	874	872	868	866	863	862	854	853	852	850	851	845	843	841	23

Hour. \ Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Day / Hour.
	·29000 + (C.G.S. UNIT).																
Midnight	834	830	830	827	821	819	820	820	820	812	839	829	822	820	820	842·6	Midnight
1h	834	830	830	826	820	819	825	823	820	812	840	829	822	820	820	842·8	1h
2	833	830	828	826	820	819	820	824	820	812	833	828	821	820	820	842·1	2
3	832	829	830	827	820	819	836	824	820	812	830	827	822	820	820	842·7	3
4	834	830	830	828	821	820	830	823	820	815	830	828	822	820	820	843·0	4
5	834	830	830	829	821	820	830	823	820	817	833	827	823	820	820	843·5	5
6	838	831	835	830	822	820	828	823	822	819	836	830	827	822	820	844·8	6
7	843	839	840	831	829	822	829	823	823	820	832	831	826	827	821	845·5	7
8	843	838	847	826	829	819	823	824	821	827	823	833	830	826	820	844·2	8
9	838	838	843	822	822	819	822	827	817	830	822	835	829	824	819	841·2	9
10	831	820	838	824	815	813	820	830	813	829	822	835	826	821	813	837·9	10
11	825	801	818	820	808	810	816	833	810	827	823	828	819	812	810	833·5	11
Noon	815	793	804	810	801	803	809	830	803	813	822	821	812	811	808	828·7	Noon
13h	810	795	800	802	800	793	800	824	797	811	820	820	812	810	807	827·3	13h
14	813	807	801	803	802	792	795	819	792	810	821	820	811	810	803	829·4	14
15	817	820	801	805	802	798	795	819	792	810	822	818	811	811	806	830·9	15
16	821	822	807	807	802	805	804	815	793	812	822	820	812	817	813	833·2	16
17	830	830	812	810	807	812	812	813	798	813	822	825	816	819	820	836·2	17
18	830	830	822	817	810	818	820	813	803	814	822	823	817	819	820	838·3	18
19	829	830	822	819	812	819	822	816	808	816	827	822	819	819	821	839·4	19
20	829	830	826	820	814	815	822	818	810	810	828	822	820	819	821	839·7	20
21	830	830	827	820	817	818	822	819	812	809	829	822	821	819	820	840·2	21
22	831	832	828	822	819	817	820	820	813	819	830	822	821	820	821	841·2	22
23	832	832	829	823	820	821	821	820	814	820	829	823	821	821	821	841·7	23

TABLE VI.—RESULTS of METEOROLOGICAL OBSERVATIONS made at the AEROLOGICAL STATION Vacoas (424·5 metres above mean sea-level) during the MONTH of JANUARY 1926.

Month and Day 1926	Observations at 10 a.m.								Temperature of the Air.			Amount of Cloud (Scale 0—10)	Amount of Rain measured at 10 a.m.	Duration of Bright Sunshine	Percentage of Possible Sunshine.
	Atmospheric Pressure.	Temperature of the Air.	Excess of Air Temperature over Evaporation	Temperature of the Dew Point.	Relative Humidity (Sat: 100)	Tension of Aqueous Vapour.	Wind. Direction in degrees.	Wind. Velocity.	Highest.	Lowest.	Range.				
	mbs.	C	C	C	%	mbs.		m.p.s.	C	C	C		m.m.	hrs.	
JAN. 1	964.6	25·4	2·9	20·5	74	23·9	79	1·0	26·2	19·4	6·8	7·5	0·0	1·2	9
2	967·5	24·9	1·8	21·8	83	25·9	259	3·5	27·3	20·4	6·9	6·7	45·0	9·1	68
3	967·1	25·4	2·4	21·3	78	25·1	281	6·7	26·8	20·8	6·0	5·4	0·5	9·5	71
4	966·7	25·9	2·1	22·4	81	26·8	270	5·1	27·1	19·8	7·3	7·7	15·6	8·4	63
5	967·5	24·9	2·1	21·3	80	25·1	236	2·0	26·6	19·3	7·3	9·2	1·4	4·8	36
6	967·7	24·7	3·5	18·7	69	21·4	236	1·8	27·3	19·7	7·6	6·0	1·0	11·3	86
7	966·0	24·9	3·0	19·8	73	22·9	135	0·6	25·9	19·3	6·6	9·9	0·0	4·1	31
8	965·4	25·5	4·0	18·7	66	21·4	213	1·0	27·0	19·5	7·5	9·2	12·6	5·1	39
9	965·7	23·3	2·4	19·1	77	21·9	270	3·2	26·0	19·4	6·6	9·8	0·1	5·2	39
10	965·9	25·6	1·9	22·4	82	26·8	303	6·7	26·8	19·3	7·5	9·4	2·0	3·2	24
11	965·7	22·6	0·9	21·0	90	24·6	292	6·6	28·7	20·4	8·3	10·0	3·7	2·0	15
12	964·4	25·0	2·2	21·3	80	25·1	281	7·0	26·2	19·8	6·4	8·9	17·0	8·5	64
13	963·9	23·9	1·3	21·7	87	25·7	292	3·0	25·6	20·3	5·3	10·0	6·3	0·1	1
14	963·1	23·1	1·1	21·2	89	24·9	292	7·0	25·7	19·3	6·4	9·5	2·6	4.8	36
15	962·4	23·7	1·6	21·0	85	24·6	292	6·0	26·4	20·9	5·5	8·3	2·8	9·3	70
16	963·0	25·2	2·8	20·4	75	23·7	292	8·9	26·5	20·4	6·1	6·0	0·4	11·4	86
17	963·3	25·0	4·0	18·2	66	20·7	292	7·3	26·4	19·8	6·6	5·3	0·0	11·4	87
18	962·5	22·3	0·5	21·4	94	25·2	281	6·9	24·0	19·5	4·5	9·6	0·0	0·0	0
19	963·6	25·3	2·7	20·7	76	24·2	225	2·4	27·8	21·6	6·2	8·4	8·8	8·1	62
20	962·8	26·5	2·3	22·6	79	27·2	236	4·5	27·5	20·6	6·9	9·2	7·5	9·0	69
21	961·9	23·9	2·6	19·4	76	22·3	191	3·0	26·7	20·9	5·8	9·1	0·0	6·9	53
22	961·2	26·4	2·9	21·5	74	25·4	158	0·6	27·5	20·6	6·9	7·8	2·0	10·2	78
23	961·7	26·2	2·9	21·3	74	25·1	169	1·5	29·4	19·6	9·8	6·4	0·0	10·2	78
24	961·7	26·2	2·6	21·8	77	25·9	158	3·1	27·8	20·4	7·4	9·2	1·0	7·3	56
25	961·3	25·8	2·6	21·4	77	25·2	180	1·3	27·3	19·8	7·5	9·6	12·6	1·9	15
26	963·4	25·1	2·2	21·4	80	25·2	247	4·9	26·4	20·8	5·6	7·5	0·6	8·5	65
27	963·9	25·3	2·4	21·2	78	24·9	292	7·6	26·3	19·3	7·0	5·7	0·1	5·5	42
28	964·3	24·6	2·0	21·2	81	24·9	292	8·9	26·3	19·9	6·4	8·6	16·9	8·2	63
29	961·7	24·2	1·1	22·3	89	26·7	270	9·6	24·4	21·0	3·4	10·0	20·7	1·4	11
30	963·8	24·9	1·5	22·3	86	26·7	247	5·2	26·8	21·8	5·0	9·9	21·6	9·4	72
31	966·2	24·5	1·6	21·8	85	25·9	247	5·7	26·9	22·1	4·8	6·8	27·7	10·1	78
Mean	964·2	24·8	2·2	21·0	79·4	24·7	° 268·4	3·7	26·7	20·2	6·5	8·3	Sum 230·5	6·65	50·5
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

EXCESS OF CERTAIN ELEMENTS AT PAMPLEMOUSSES OVER THE CORRESPONDING ELEMENTS AT VACOAS.

Mean of the month at 10 a.m.:

Atmospheric Presssure	+41·6 mbs
Temperature of the Air	+ 3·6 C.
Vapour Tension	+ 3·1mbs
Relative Humidity	−6·8 %
Direction of Wind	1·8° N.
Velocity of Wind	− 0·3 mps.
Amount of cloud	− 1·6

Amount of rain	−127·1 m.m.
Duration of sunshine	+31.2 hrs.
Mean of highest temperatures	+3·8 C.
Mean of lowest temperatures	+3·4 C.
Absolute highest temperature	+3·3 C.
Absolute lowest temperature	+1·8 C

* South (0); West (8); North (16); East (24).

TABLE VII.—DAILY RESULTS OF METEOROLOGICAL OBSERVATIONS made during the month of JANUARY 1926.

Month and Day 1926.	Atmospheric Pressure		Temperature of the Air. (in degrees Centigrade.)					Excess of Air Temp. over Evaporation Temp.	Temperature of the Dew Point. (Centigrade.)		Degree of Humidity (Saturation=100)		Elastic Force of Vapour	Lowest Temperature on the Grass. (Cent.)	Rainfall.		Amount of Evaporation	Mean Amount of Cloud (Scale 0—10.)
	Mean	Excess above Average	Highest	Lowest.	Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average			Amount recorded by the Beckley Pluviograph.	Duration.		
JAN.	mbs.	mbs.	c	c	c	c	c	c		c			mbs.	c	mm.	min.	mm.	
1	1005·8	− 0·7	31·1	21·9	9·2	26·3	+ 0·5	2·7	21·7	+ 1·1	76	+ 2	25·7	19·9	0·0	...	6·2	4·6
2	1007·6	+ 1·2	30·5	24·3	6·2	26·9	+ 1·1	3·5	21·0	+ 0·3	70	− 4	24·6	20·5	0·0	...	8·0	5·1
3	1008·2	+ 1·9	31·0	23·5	7·5	26·8	+ 1·0	3·0	21·8	+ 1·1	74	0	25·9	21·2	0·8	5	7·8	4·3
4	1007·7	+ 1·4	30·7	24·8	5·9	26·8	+ 0·9	2·6	22·4	+ 1·6	77	+ 3	26·8	21·7	0·7	10	6·5	5·7
5	1008·3	+ 2·1	30·3	23·6	6·7	25·8	− 0·1	1·8	22·8	+ 2·0	84	+ 10	27·5	18·8	5·4	65	5·4	6·8
6	1008·4	+ 2·3	31·8	21·4	10·4	26·1	+ 0·2	3·3	20·5	− 0·3	71	− 4	23·9	17·7	0·0	...	6·8	3·7
7	1006·4	+ 0·4	31·5	21·1	10·4	26·3	+ 0·4	2·8	21·6	+ 0·7	75	0	25·5	17·8	0·0	...	6·6	7·2
8	1006·2	+ 0·2	31·4	21·3	10·1	26·1	+ 0·2	3·3	20·5	− 0·4	71	− 4	23·9	18·2	0·9	15	5·9	7·6
9	1006·7	+ 0·8	29·9	22·7	7·2	26·2	+ 0·3	3·6	20·1	− 0·9	69	− 6	23·3	19·0	0·0	...	6·0	7·3
10	1006·4	+ 0·6	30·9	24·1	6·8	26·9	+ 1·0	2·9	22·0	+ 1.0	75	0	26·2	22·1	0·0	...	5·6	7·9
11	1006·4	+ 0·6	29·0	24·0	5·0	25·4	− 0·5	2·2	21·7	+ 0·7	80	+ 5	25·7	21·7	3·1	20	7·1	7·5
12	1005·5	− 0·2	30·8	24·1	6·7	26·7	+ 0·8	3·0	21·7	+ 0·6	74	− 1	25·7	21·7	0·3	10	6·8	5·3
13	1004·1	− 1·6	30·2	23·9	6·3	25·9	− 0·1	1·9	22·7	+ 1·6	82	+ 6	27·3	22·6	3·8	50	4.8	8·3
14	1003·2	− 2·4	29·0	24·2	4·8	25·9	− 0·1	2·2	22·2	+ 1·1	80	+ 4	26·5	21·8	2·8	40	4·6	8·1
15	1003·8	− 1·7	30·3	23·8	6·5	26·4	+ 0·4	2·8	21·7	+ 0·5	75	− 1	25·7	21·6	0·6	10	8·1	4·2
16	1003·8	− 1·7	30·5	24·0	6·5	26·4	+ 0·4	3·0	21·3	+ 0·1	74	− 2	25·1	21·7	0·0	...	8·0	3·5
17	1004·1	− 1·3	30·4	23·6	6·8	26·4	+ 0·4	3·9	19·8	− 1·4	67	− 9	22·9	21·6	0·0	...	8·8	4·7
18	1003·2	− 2·2	28·0	23·9	4·1	25·5	+ 0·5	1·9	22·3	+ 1·0	83	+ 7	26·7	22·6	2·2	50	8·2	9·7
19	1003·9	− 1·4	32·0	24·3	7.7	27·2	+ 1·2	2·3	23·3	+ 2·0	79	+ 3	28·3	22·6	13·7	55	6·5	7·5
20	1003·7	− 1·6	31·5	23·8	7·7	27·1	+ 1·1	2·2	23·4	+ 2·1	80	+ 3	28·5	21·6	0.0	...	8·0	6·3
21	1002·9	− 2·3	30·0	24·1	5·9	26·6	+ 0·6	1·7	23·7	+ 2·3	84	+ 7	29·0	21·6	4·4	90	4·6	7·3
22	1002·6	− 2·6	32·4	23·3	9·1	27·8	+ 1·8	2·9	23·0	+ 1·6	75	− 2	27·8	20·0	0·0	...	6·8	5·6
23	1003·0	− 2·1	32·7	22·9	9·8	27·9	+ 1·9	3·0	22·9	+ 1·5	74	− 3	27·6	20·2	0·0	...	6·5	5·3
24	1002·6	− 2·5	32·1	25·2	6·9	28·3	+ 2·3	2·9	23·5	+ 2·1	76	− 1	28·7	22·0	0·0	...	7·0	5·7
25	1002·9	− 2·1	30·6	23·9	6·7	26·6	+ 0·6	1·7	23·7	+ 2·2	84	+ 7	29·0	22·3	16·3	250	3·3	9·2
26	1004·4	− 0·6	30·7	23·8	6·9	26·0	0·0	2·0	22·6	+ 1·1	82	+ 5	27·2	18·3	2·1	40	5·1	6·7
27	1005·1	+ 0·2	29·9	21·9	8·0	25·3	− 0·7	1·7	22·4	+ 0·9	84	+ 6	26·8	17·6	25·1	125	5·1	7·5
28	1004·8	− 0·1	29·9	23·9	6·0	26·7	+ 0·7	2·3	22·8	+ 1·3	79	+ 1	27·5	23·7	3·6	20	6·6	8·5
29	1003·2	− 1·6	28·8	24·9	3·9	26·4	+ 0·4	1·5	23 9	+ 2·3	86	+ 8	29·4	22·6	7·4	210	7·0	9·8
30	1005·3	+ 0·6	30·3	25·2	5·1	27·1	+ 1·1	2·1	23·6	+ 2·0	81	+ 3	28·8	23·7	0·9	25	6·7	7·1
31	1007·5	+ 2·8	29·3	24·7	4·6	26·6	+ 0·6	1·9	23·4	+ 1·8	83	+ 5	28·5	18·8	9·3	40	6·1	7·1
Mean	1005·1	− 0·4	30·5	23·6	6·9	26·5	+ 0·5	2·5	22·3	+ 1·1	77·5	+ 1·5	26·6	20·9	Sum 103·4	Sum 1130	6·5	6·6
Aver.	1005·5	...	29·9	22·6	7·3	26·0	...	2·9	21·2	...	76·0	...	24·9	20·4	197·1	2101	5·9	6·2
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

GENERAL WEATHER CONDITIONS DURING THE MONTH OF JANUARY 1926.

Pressure was above normal during the first decade of the month. Between the 12th and the 26th two cyclones passed about 300 kilometres North of Mauritius, travelling Westward. In the mean, pressure was 0.4 mb below normal.

Except on 5 days, temperature was above normal; in the mean, it was 0.5C above normal.

Relative humidity was variable, departing but little from normal except during the last week of the month when a period of rainy weather set in.

Wind Velocity was, in general, below normal except while the Island was under the influence of the cyclonic storms referred to above. In the mean, wind velocity was practically normal.

Lightning was seen on 11th, 18th, 19th and 25th and thunder heard on 1st, 8th, 18th and 25th. There was a thunder storm on the 18th.

Rainfall was considerably in defect during the first fortnight of the month. During the last week of January however, a period of damp rainy weather was observed.

At the Observatory, rainfall was 47% below normal. The percentage variation for the different districts of the Island was as follows:—

Northern Districts	River System 1,	29% below
Eastern Districts	,, ,, 2, 3, 4,	6% above
South-Eastern Districts	,, ,, 5 & 6	13% ,,
Western Districts	River System 11	12% above
	,, ,, 12	15% below
	,, ,, 13	20% ,,

April 13th, 1926

TABLE VII.—DAILY RESULTS of METEOROLOGICAL OBSERVATIONS made during the month of JANUARY 1926.

Month and Day 1926.	Duration of Bright Sunshine.	Percentage of Possible Sunshine.	Wind: Components. North.	Wind: Components. East.	Wind: Resultant. Direction*.	Wind: Resultant. Velocity.	Wind: Observed Velocity. Mean.	Wind: Observed Velocity. Excess above Average.	Temperature of the Soil at a depth of. 10 Feet.	5 Feet.	2 Feet.	12 inches	6 inches	3 inches	Weather
JAN.	hrs.	%	m.p.s.	m.p.s.	°	m.p.s.	m.p.s	m.p.s	c	c	c	c	c	c	
1	9·3	70	− 0·5	− 0·8	58	0·9	2·0	− 1·5	24·9	26·1	27·7	28·5	28·4	28·9	f : c : f.
2	11·8	89	− 1·5	+ 2·8	298	3·2	3·3	− 0·2	25·1	25·9	27·8	29·0	28·9	29·5	c : f : b.
3	10·4	78	− 2·1	+ 3·2	303	3·8	3·9	+ 0·4	25·0	25·9	28·0	29·1	28·7	29·2	b : f : cp : f.
4	10·8	81	− 0·2	+ 3·0	274	3·0	3·3	− 0·2	25·2	25·9	28·1	29·2	28·9	29·4	cp : c : f
5	4·0	30	+ 0·4	+ 2·1	259	2·1	2·2	− 1·3	25·2	26·0	28·2	29·2	28·7	28·8	cp : c : cp .
6	12·2	92	+ 0·9	+ 1·6	241	1·8	2·0	− 1·5	25·2	26·0	28·3	29·0	28·3	28·3	f : c : f .
7	5·5	42	+ 1·2	0·0	180	1·2	1·6	− 1·9	25·2	26·0	28·3	28·9	28·2	28·3	f : c : og .
8	7·7	58	+ 0·2	+ 2·0	264	2·0	2·3	− 1·2	25·2	26·1	28·3	28·9	28·4	28·7	cp : : f.
9	5·8	44	− 0·7	+ 3·0	283	3·1	3·2	− 0·3	25·2	26·1	28·3	29·0	28·3	28·0	f : c : og .
10	3·8	29	− 1·0	+ 3·2	287	3·3	3·6	+ 0·1	25·2	26·2	28·3	28·9	28·4	28·8	c : cq : c .
11	3·0	23	− 1·2	+ 3·6	288	3·8	3·9	+ 0·4	25·1	26·1	28·3	29·0	28·4	28·1	cp : cq : c .
12	11·2	85	− 2·0	+ 4·0	297	4·5	4·6	+ 1·1	25·2	26·2	28·3	28·7	28·1	28·3	f : cq : cp .
13	0·8	6	− 2·1	+ 3·5	301	4·1	4·2	+ 0·7	25·2	26·2	28·3	28·8	28·2	28·3	f : cpq : og .
14	2·5	19	− 2·1	+ 3·8	299	4·3	4·4	+ 0·9	25·3	26·2	28·3	28·4	27·8	27·7	ogpq c .
15	11·9	90	− 1·8	+ 4·0	294	4·4	4·4	+ 0·9	25·2	26·3	28·2	28·3	27·8	28·0	f : cq : b.
16	11·8	89	− 2·1	+ 4·1	297	4·6	4·7	+ 1·2	25·2	26·3	28·1	28·5	28·1	28·3	b : fq : f .
17	10·7	82	− 2·3	+ 4·9	295	5·4	5·5	+ 2·0	25·3	26·3	28·1	28·7	28·3	28·4	b : fq : c .
18	0·7	5	− 0·7	+ 5·3	278	5·3	5·5	+ 2·0	25·2	26·3	28·1	28·7	27·9	27·5	cg : ogq : ogpq .
19	10·1	77	+ 1·9	+ 2·0	226	2·7	3·0	− 0·5	25·3	26·3	28·2	28·4	28·0	28·5	cp : c : cp.
20	8·8	67	+ 1·7	+ 1·6	223	2·3	2·5	− 1·0	25·3	26·3	28·2	29·0	28·6	28·9	f : c .
21	5·3	40	+ 1·9	+ 1·5	218	2·4	2·5	− 1·0	25·2	26·3	28·3	29·1	28·4	28·5	cp .
22	11·0	84	+ 1·7	+ 0·3	190	1·7	1·9	− 1·6	25·3	26·4	28·4	29·1	28·4	28·8	f : c : f.
23	11·6	89	+ 2·0	0·0	180	2·0	2·4	− 1·1	25·3	26·5	28·4	29·2	28·9	29·3	b : f : c .
24	7·8	60	+ 2·5	− 0·4	171	2·5	2·6	− 0·9	25·3	26·5	28·5	29·5	28·9	29·7	f : c .
25	2·5	19	+ 1·0	+ 0·3	197	1·0	1·6	− 1·9	25·3	26·4	28·6	29·4	28·8	28·9	cp : c : cp.
26	6·9	53	+ 0·7	+ 1·9	250	2·0	2·3	− 1·2	25·4	26·6	28·7	29·2	28·6	28·7	cp : c : f .
27	7·0	54	− 1·2	+ 3·1	291	3·3	3·4	− 0·1	25·3	26·4	28·6	29·0	28·1	27·8	f : ogpq .
28	8·6	66	− 2·5	+ 5·0	297	5·6	5·7	+ 2·2	25·3	26·5	28·5	28·6	27·9	28·2	cpq : cq : cpq .
29	3·0	23	0·0	+ 6·6	270	6·6	6·8	+ 3·3	25·4	26·6	28·4	28·7	27·9	27·8	ogpq :
30	9·8	75	+ 1·8	+ 3·9	245	4·3	4·3	+ 0·8	25·3	26·6	28·4	28·5	27·9	28·2	c : cpq : cp.
31	11·0	85	+ 1·0	+ 4·5	257	4·6	4·6	+ 1·1	25·3	26·5	28·4	28·8	28·3	28·7	ogp : cq : cp.
Mean	7·65	58·2	−0·16	+2·70	273·4	2·70	3·49	−0·01	25·23	26·26	28·29	28·88	28·35	28·53	...
Average	7·70	58·5	−0·12	+2·50	272·7	2·50	3·50	...	24·81	26·45	...	...	28·87	28·86	...
Column	19	20	21	22	23	24	25	26	27	28	29	30	31	32	

MEANS AND EXTREMES OF CERTAIN METEOROLOGICAL ELEMENTS DURING THE MONTH OF JANUARY 1926.

Element	Highest			Date	Lowest		Date
Atmospheric Pressure	1010·0mbs	at	8 & 9h	on 6th	1001·0mbs	at 15h&16h 16&17h	on 21st & 22nd
Temperature of the Air	32·7C	at	12h45m	on 23rd	21·1C	at 4.22m	on 7th
Daily range of temperature of the Air...	10·4C		...	on 6 & 7	3·9C	...	on 29th
Temperature of the Dew Point	25·2C	at	13h	on 30th	17·5C	12h	on 17th
Daily range of temperature of the Dew Point	5·0C	...	...	on 27th	1·4C	...	on 22nd
Relative humidity...	99·0%	at	5h	on 5th	48·3%	at 12h	on 17th
Wind Velocity	10·4 m.p.s.	at	8h	on 29th	0·6mps	often	often
Rainfall	26·4mm.	ending	7h	on 28th	..	...	...
Temperature of the soil at 3 ins. ...	31·3C	at	18h,	on 23rd,	26·2C	at 6h	on 15th
,, ,, at 6 ins. ...	29·8C	at	21h	on 23rd	27·0C	at 9h	on 15th
Duration of sunshine...	12·2 hrs.		...	on 6th	0·7 hrs.	...	on 18th
Amount of Evaporation in 24 hours	8·8 mm.		...	on 17th	3·3 m.m.	...	on 25th,
Vapour Tension	31·7mbs	at	13h	on 30th	19·8 mbs	at 12h	on 17th
Minimum on Grass	...		...	...	17·6C	...	on 27th

Number of Days Overcast, 16, Clear 0, of Rain 19, of Lightning 4, of Thunderstorm 0

Mean Day Temperature of Air 28·22C Average 27·74C, Mean Night Temperature of Air 24·82C Average 23·98C

*South (0): West (90°); North (180°): East (270°)

TABLE VIII.—ATMOSPHERIC PRESSURE IN MILLIBARS AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(The values are corrected for temperature and for the effect of gravity, but are not reduced to sea level. (The cistern of the barometer is 55·2 metres above mean sea-level.)

JANUARY 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
	When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.																
Midnight	0059	0072	0090	0088	0089	0089	0080	0065	0068	0076	0070	0069	0055	0044	0040	0050	Midnight
1h	0058	0069	0082	0080	0080	0082	0078	0062	0067	0070	0065	0064	0050	0035	0036	0040	1h
2	0050	0065	0079	0075	0078	0080	0070	0058	0062	0065	0060	0058	0042	0028	0030	0035	2
3	0049	0062	0075	0072	0077	0080	0065	0059	0060	0059	0055	0052	0040	0027	0029	0028	3
4	0048	0063	0072	0072	0076	0079	0060	0050	0060	0058	0052	0050	0039	0024	0024	0027	4
5	0049	0068	0075	0073	0075	0081	0064	0052	0061	0061	0058	0050	0040	0023	0026	0027	5
6	0051	0072	0082	0075	0080	0090	0070	0060	0066	0065	0062	0058	0042	0028	0032	0032	6
7	0057	0077	0089	0082	0089	0097	0072	0065	0070	0071	0063	0059	0050	0035	0039	0039	7
8	0059	0080	0090	0081	0090	0100	0072	0069	0071	0075	0070	0060	0051	0040	0041	0041	8
9	0060	0080	0090	0081	0091	0100	0072	0070	0072	0075	0070	0060	0051	0041	0046	0042	9
10	0060	0080	0090	0080	0091	0099	0072	0069	0071	0075	0072	0064	0049	0040	0046	0048	10
11	0060	0080	0090	0079	0089	0095	0070	0065	0070	0069	0069	0057	0045	0037	0045	0042	11
Noon	0059	0074	0085	0079	0082	0090	0060	0060	0067	0060	0068	0050	0040	0032	0040	0040	Noon
13h	0055	0072	0080	0074	0080	0085	0060	0055	0062	0060	0064	0050	0038	0030	0037	0032	13h
14	0052	0069	0077	0068	0076	0079	0055	0051	0060	0056	0062	0048	0031	0024	0030	0028	14
15	0050	0069	0072	0062	0070	0074	0051	0050	0059	0050	0062	0047	0030	0020	0029	0024	15
16	0050	0069	0070	0060	0072	0070	0043	0050	0057	0048	0059	0039	0027	0020	0025	0024	16
17	0052	0071	0072	0064	0074	0070	0048	0052	0060	0050	0058	0040	0025	0022	0028	0028	17
18	0060	0075	0076	0070	0080	0072	0050	0061	0067	0058	0057	0045	0030	0030	0030	0031	18
19	0063	0082	0080	0076	0084	0079	0058	0068	0072	0062	0061	0052	0038	0028	0038	0038	19
20	0067	0090	0082	0080	0089	0080	0060	0070	0072	0061	0070	0060	0040	0042	0042	0044	20
21	0070	0093	0083	0088	0090	0082	0064	0072	0079	0068	0072	0062	0044	0040	0050	0050	21
22	0074	0098	0090	0092	0090	0089	0070	0073	0080	0070	0074	0065	0049	0045	0058	0058	22
23	0075	0095	0090	0093	0091	0088	0069	0072	0079	0070	0073	0063	0048	0046	0058	0058	23

Hour \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Day. / Hour
	When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.																
Midnight	0052	0049	0040	0052	0040	0034	0032	0034	0032	0042	0060	0056	0030	0046	0069	1005·7	Midnight
1h	0044	0040	0034	0045	0031	0030	0030	0028	0027	0039	0056	0050	0028	0045	0063	1005·2	1h
2	0038	0035	0030	0040	0031	0025	0028	0022	0022	0038	0054	0049	0020	0040	0060	1004·7	2
3	0035	0029	0027	0036	0030	0020	0025	0020	0020	0030	0050	0048	0015	0036	0060	1004·4	3
4	0032	0026	0024	0030	0028	0019	0024	0021	0019	0030	0050	0045	0014	0040	0060	1004·2	4
5	0034	0027	0030	0036	0030	0021	0027	0022	0021	0030	0050	0050	0017	0042	0070	1004·5	5
6	0040	0032	0039	0040	0035	0029	0032	0029	0028	0038	0054	0056	0020	0050	0072	1005·0	6
7	0042	0038	0040	0042	0040	0030	0038	0030	0030	0041	0058	0060	0025	0050	0080	1005·5	7
8	0049	0040	0048	0045	0038	0030	0038	0031	0030	0049	0058	0060	0030	0056	0081	1005·7	8
9	0050	0040	0050	0044	0034	0032	0034	0032	0030	0052	0057	0061	0031	0060	0084	1005·8	9
10	0051	0044	0050	0043	0035	0032	0032	0031	0030	0053	0054	0061	0032	0060	0082	1005·8	10
11	0044	0036	0046	0042	0030	0032	0035	0032	0029	0052	0050	0056	0030	0059	0080	1005·5	11
Noon	0040	0032	0038	0038	0025	0030	0028	0029	0029	0044	0050	0050	0030	0058	0078	1005·1	Noon
13h	0035	0030	0032	0035	0020	0022	0025	0022	0024	0040	0040	0044	0030	0054	0075	1004·7	13h
14	0030	0022	0030	0030	0020	0018	0022	0018	0022	0038	0035	0034	0029	0050	0072	1004·3	14
15	0030	0020	0026	0025	0010	0014	0021	0015	0020	0033	0035	0038	0029	0040	0070	1004·0	15
16	0025	0020	0028	0024	0010	0010	0020	0013	0018	0032	0030	0037	0026	0041	0060	1003·8	16
17	0029	0020	0030	0022	0015	0010	0020	0015	0020	0037	0040	0040	0030	0045	0067	1004·1	17
18	0032	0024	0035	0028	0020	0019	0028	0020	0025	0040	0045	0042	0040	0055	0071	1004·6	18
19	0047	0029	0040	0031	0028	0024	0030	0024	0032	0049	0048	0049	0045	0060	0080	1005·2	19
20	0050	0031	0046	0034	0032	0030	0032	0029	0038	0055	0055	0050	0050	0062	0084	1005·6	20
21	0055	0039	0050	0042	0040	0034	0039	0035	0041	0060	0060	0048	0051	0070	0089	1006·0	21
22	0052	0040	0056	0050	0042	0038	0038	0039	0050	0063	0065	0042	0054	0071	0090	1006·3	22
23	0052	0041	0058	0049	0042	0038	0038	0040	0050	0065	0062	0041	0050	0070	0090	1006·3	23

TABLE IX.—AMOUNT OF CLOUD at every HOUR of the DAY (0 = CLEAR SKY, 10 = OVERCAST SKY).

Hour. \ Day.	JANUARY 1926.																															
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	Mean.
Midnight	3	7	0	4	5	3	0	10	1	7	5	5	1	10	1	0	0	9	10	4	5	6	0	4	6	10	1	10	10	9	10	5·0
1h	2	8	0	6	6	2	0	10	2	5	6	5	1	10	1	1	0	9	10	3	6	5	0	2	8	10	2	10	10	9	10	5·1
2	2	7	1	5	8	3	1	10	2	3	5	5	2	10	2	1	0	9	10	1	5	5	1	2	9	10	3	10	10	9	10	5·2
3	2	7	2	6	8	3	2	10	2	4	4	5	2	10	3	1	0	9	9	10	3	5	1	1	9	10	4	10	10	9	10	5·5
4	1	8	2	4	6	3	1	8	2	5	7	5	7	10	2	2	1	9	9	9	9	4	1	2	10	10	4	10	10	7	10	5·7
5	1	8	2	3	4	2	2	8	3	7	9	5	9	9	3	3	2	9	9	6	5	3	2	3	10	10	3	10	10	5	10	5·6
6	2	8	2	3	8	3	9	8	9	9	9	6	9	10	2	4	3	10	9	4	6	2	5	4	10	9	5	10	9	6	9	6·5
7	2	7	3	9	10	4	8	5	8	9	9	6	10	10	4	4	4	10	9	4	6	3	5	6	10	6	5	5	9	7	9	6·7
8	2	6	3	9	9	6	8	8	8	9	9	3	10	10	4	3	4	10	9	3	6	5	5	6	9	9	7	7	9	6	8	6·8
9	3	7	5	9	9	6	9	8	7	9	9	5	10	10	4	3	4	10	8	5	8	6	4	6	8	9	8	7	9	6	7	7·0
10	3	7	7	8	10	6	9	8	8	9	7	5	9	10	6	5	5	10	8	6	9	6	5	6	9	9	7	6	10	7	7	7·3
11	5	8	7	8	9	8	9	8	8	9	9	6	9	9	9	5	5	10	6	7	9	7	6	7	8	9	7	6	10	8	7	7·7
Noon	7	8	7	7	9	9	7	8	8	8	7	6	9	9	7	6	5	10	5	6	9	8	5	4	9	7	10	4	10	7	7	7·4
13h	6	7	6	9	8	9	7	8	8	9	7	8	9	9	6	6	6	10	5	6	9	8	6	6	8	7	10	6	10	6	8	7·5
14	6	7	6	8	7	4	8	8	8	9	8	8	9	9	6	7	7	10	4	7	7	9	6	7	10	8	10	8	10	6	8	7·6
15	6	4	6	7	6	4	9	9	9	9	10	8	10	9	4	7	8	10	7	8	8	10	7	6	9	8	10	8	10	4	7	7·7
16	9	4	7	6	6	4	10	9	9	9	10	8	10	9	6	6	8	10	7	7	9	9	7	7	9	7	10	9	10	6	5	7·8
17	9	3	7	5	7	4	10	9	10	10	9	7	9	9	7	5	9	10	8	8	9	8	8	8	9	5	10	10	10	7	3	7·8
18	9	2	8	4	7	3	10	9	10	10	9	7	10	9	8	4	9	10	9	9	9	9	9	9	9	4	10	10	10	9	3	8·0
19	9	2	9	4	6	2	9	9	10	10	9	8	10	6	7	5	8	10	4	7	8	7	8	7	10	3	10	8	10	7	2	7·2
20	7	1	5	3	5	1	10	8	10	9	8	4	9	5	5	4	5	10	7	7	9	6	9	8	10	2	10	9	10	4	5	6·6
21	4	0	1	3	5	0	10	4	10	9	5	2	10	4	3	1	4	10	10	9	9	4	10	9	10	2	10	10	10	8	7	6·2
22	4	0	2	4	4	0	10	3	10	8	4	1	10	2	1	0	5	9	10	7	7	2	8	8	10	1	10	10	10	9	6	5·7
23	5	0	3	3	2	0	10	2	10	6	5	0	10	1	0	0	6	10	7	7	5	0	6	7	10	0	10	10	9	9	5	5·1

TABLE X.—DURATION of BRIGHT SUNSHINE at every HOUR of the DAY as recorded by the CAMPBELL-STOKES SUNSHINE RECORDER.

Hour* Ending \ Day.	JANUARY 1926.																															
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	Total.
	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	hrs.
6h	15	0	3	0	0	2	0	1	7	0	0	0	0	0	10	2	12	0	0	13	0	15	6	2	0	0	9	0	0	0	0	1·6
7	58	37	59	12	4	60	55	60	19	0	0	46	0	0	45	60	58	0	23	60	50	60	60	49	0	0	56	45	0	40	17	17·2
8	60	60	60	55	0	60	60	60	59	0	10	58	2	4	60	60	60	0	36	60	55	60	60	53	0	0	60	59	0	47	53	21·2
9	60	60	60	53	0	60	15	58	60	18	23	60	0	0	60	60	60	28	55	58	55	24	60	47	30	10	60	55	25	55	57	22·1
10	60	60	59	54	3	60	5	46	55	19	31	60	5	0	55	60	60	10	60	53	42	30	60	58	25	0	60	60	33	45	60	21·5
11	60	53	60	60	2	59	50	48	60	20	29	60	4	1	50	60	60	5	60	55	30	53	60	4	40	0	60	60	11	60	60	21·6
Noon	22	50	52	60	0	55	51	52	60	60	23	60	0	1	58	60	60	0	60	58	0	59	60	57	58	56	28	60	45	60	60	23·1
13h	55	60	55	60	29	58	45	55	19	55	15	59	5	15	55	60	60	0	60	53	5	60	60	27	0	60	54	60	55	55	60	22·8
14	55	60	45	60	58	55	28	55	0	35	45	55	17	22	60	55	60	0	60	56	3	59	51	18	0	54	35	60	0	50	60	21·2
15	60	60	52	60	60	60	14	17	0	4	0	50	12	33	60	45	60	0	60	57	45	60	58	49	0	60	0	59	11	60	60	20·4
16	41	60	60	60	55	60	8	7	8	2	0	60	0	3	60	56	60	0	60	3	28	60	60	56	0	60	0	0	2	60	60	17·5
17	14	60	25	60	11	60	0	5	0	15	0	40	3	3	60	60	10	0	40	2	0	60	60	46	0	60	0	0	0	48	60	13·9
18	0	60	33	53	16	60	0	0	0	0	0	58	0	7	60	53	22	0	30	0	3	55	35	2	0	50	0	0	0	7	50	11·4
19	0	30	2	2	0	24	0	0	0	0	3	5	0	0	19	14	1	0	0	0	0	2	3	0	0	5	0	0	0	0	0	1·8

The total amount of registered sunshine was 237·3 hours and the total possible sunshine 407·6 hours.

* Reckoned from apparent midnight.

TABLE XI.—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(To obtain temperatures on the Absolute Scale add 273)

JANUARY 1926.

Day. / Hour.	1d.		2d.		3d.		4d.		5d.		6d.		7d.		8d.		Day. / Hour.
	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	
Midnight	23·5	1·3	25·2	2·0	24·3	2·3	25·6	1·6	24·4	0·4	23·3	1·0	22·3	1·0	24·8	1·8	Midnight
1h	23·2	1·2	25·1	1·9	24·3	2·2	25·4	1·4	25·0	1·0	22·9	0·9	22·2	1·1	24·4	1·5	1
2	22·8	1·2	25·0	1·9	24·0	2·1	25·2	1·2	24·8	0·8	22·9	1·0	21·8	0·8	23·7	1·6	2
3	22·7	1·3	24·9	1·8	23·5	1·7	25·0	1·0	24·8	0·8	22·4	0·8	21·8	0·8	21·5	1·6	3
4	22·4	0·9	24·4	1·4	24·0	1·9	24·8	0·9	24·8	0·9	22·1	0·7	21·3	0·6	21·5	1·4	4
5	22·0	0·9	24·7	1·5	23·7	1·5	24·9	0·9	24·0	0·1	21·8	0·8	21·5	0·6	21·9	1·4	5
6	22·1	0·8	24·8	1·7	24·4	1·4	24·9	0·8	23·8	0·8	21·8	0·8	21·8	0·6	21·3	1·1	6
7	25·4	1·7	26·9	2·6	26·6	2·9	25·2	0·7	24·1	0·5	24·5	1·5	24·3	1·3	24·9	2·3	7
8	27·3	3·2	28·5	4·0	27·9	3·6	26·9	1·9	24·7	0·7	27·2	3·9	27·0	2·7	27·3	3·1	8
9	29·6	4·6	29·0	4·4	28·6	4·3	27·9	2·9	25·8	1·1	27·8	4·1	27·5	2·4	28·5	3·7	9
10	30·2	4·8	28·7	4·1	29·0	4·5	28·0	3·0	26·0	1·2	29·0	5·0	28·0	3·5	29·8	4·8	10
11	30·9	5·3	29·6	4·8	29·2	4·4	28·4	3·4	25·3	1·3	29·0	5·0	29·6	3·7	29·8	4·9	11
Noon	29·5	4·3	29·3	4·5	29·8	4·8	29·1	4·3	27·5	2·5	29·3	5·5	30·5	5·1	30·0	6·0	Noon
13h	30·6	5·1	29·8	4·9	30·2	5·2	30·0	5·1	28·0	3·0	29·8	6·6	31·0	5·9	31·0	6·4	13h
14	30·7	5·2	30·5	5·8	29·3	4·3	30·0	5·0	30·0	4·1	30·3	6·8	30·7	5·5	29·2	5·5	14
15	30·7	5·4	29·9	6·1	29·1	4·4	30·0	5·2	29·5	4·3	30·7	6·5	30·0	4·9	29·4	6·0	15
16	27·7	3·2	29·3	5·7	30·0	5·1	29·0	5·4	28·2	4·6	30·0	6·4	30·0	4·8	28·0	4·9	16
17	27·0	2·9	28·4	6·1	28·0	3·4	28·0	4·0	27·2	3·8	30·9	6·9	28·8	4·2	27·8	4·9	17
18	26·1	2·2	27·5	5·3	28·4	4·0	27·5	3·7	27·0	3·5	28·2	4·7	28·0	4·0	27·0	4·1	18
19	25·6	2·0	26·0	3·6	26·0	1·5	26·9	3·2	26·0	2·3	27·0	3·8	27·0	3·7	26·2	3·4	19
20	25·1	1·9	25·0	2·5	25·7	1·7	25·9	2·1	25·8	2·2	25·2	2·6	26·8	3·1	25·4	2·5	20
21	25·0	1·9	24·9	2·6	25·8	1·8	25·3	1·5	25·0	1·6	24·0	1·9	26·3	2·5	24·7	2·1	21
22	25·3	1·7	24·9	2·6	25·5	1·5	25·0	1·5	24·3	1·3	23·9	1·9	25·8	2·2	24·0	1·8	22
23	25·4	1·7	24·7	2·4	25·2	1·3	25·0	1·6	24·1	1·3	23·0	1·4	25·0	1·8	24·0	2·0	23

Day. / Hour.	9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.		Day. / Hour
	Air	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	
Midnight	24·0	2·1	25·0	2·1	26·0	1·8	24·2	1·7	25·0	1·3	24·4	0·8	24·5	1·5	24·3	1·4	Midnight
1h	24·0	2·1	25·0	2·0	25·0	1·0	24·4	2·2	24·6	1·0	24·6	0·9	24·3	1·2	24·0	1·2	1h
2	23·7	2·0	25·0	2·0	24·4	0·9	24·6	1·9	24·8	1·0	24·7	1·1	24·2	1·2	24·0	1·0	2
3	23·2	1·7	24·5	1·5	24·6	0·8	24·6	1·7	24·7	1·2	24·7	1·4	24·0	1·1	24·0	1·2	3
4	23·0	1·6	24·1	1·3	24·4	0·7	24·5	1·6	24·6	1·1	24·8	1·5	24·0	1·1	24·3	1·4	4
5	22·7	1·4	24·6	1·7	24·5	1·1	24·6	1·8	24·4	1·0	24·8	1·5	24·0	1·3	24·3	1·5	5
6	23·6	1·5	25·0	1·9	24·6	1·0	24·6	1·6	24·0	1·0	24·9	1·6	24·0	1·3	24·1	1·3	6
7	25·7	2·7	25·6	2·0	24·4	1·4	25·5	2·1	25·0	1·0	25·3	1·7	24·5	1·5	26·0	2·5	7
8	27·3	4·0	26·9	2·9	26·5	2·4	27·3	3·4	25·8	1·8	25·0	1·0	26·5	2·9	27·2	3·6	8
9	28·0	4·8	28·3	3·6	26·0	2·5	28·2	4·2	26·0	1·7	26·0	1·9	28·0	3·9	28·2	4·2	9
10	29·1	5·4	29·0	4·5	27·9	3·9	29·0	5·0	27·4	2·6	25·5	1·3	28·8	4·5	29·0	4·9	10
11	29·0	5·5	30·0	5·1	27·0	3·6	29·5	5·5	28·6	3·9	27·0	2·8	28·5	4·3	29·1	4·9	11
Noon	29·5	6·5	30·0	5·3	27·3	3·7	30·0	5·8	28·0	4·0	28·0	3·5	29·9	5·4	29·8	5·1	Noon
13h	29·5	6·2	30·0	5·4	27·0	3·1	30·5	6·0	28·2	3·7	29·0	4·2	28·5	4·2	29·6	5·3	13h
14	28·3	5·5	29·4	4·3	27·9	4·0	29·4	4·8	28·7	4·5	27·8	3·7	29·2	4·8	29·0	5·0	14
15	28·0	5·5	28·8	4·2	25·6	2·8	29·4	4·7	26·2	1·2	28·3	3·9	29·3	5·1	28·9	4·9	15
16	28·1	5·1	28·0	3·3	25·3	2·3	29·2	4·4	26·4	2·3	27·7	3·7	28·3	4·3	28·3	4·3	16
17	27·2	4·3	27·2	2·4	25·2	2·0	26·7	2·2	26·9	2·8	27·0	2·9	28·2	4·2	28·0	4·2	17
18	26·7	4·1	27·0	2·9	25·6	3·0	27·0	2·9	26·4	2·4	26·9	3·3	27·5	3·6	27·0	3·6	18
19	25·9	3·5	26·8	2·3	24·8	2·7	26·0	2·1	26·	2·0	25·7	2·4	26·5	3·0	26·0	2·9	19
20	25·6	3·0	26·7	2·9	24·3	2·3	25·8	1·9	25·5	1·6	25·3	2·1	25·6	2·2	25·0	2·0	20
21	25·5	2·7	26·5	2·2	24·0	1·9	25·4	1·5	24·9	1·5	25·0	1·9	25·0	1·6	24·9	2·1	21
22	25·0	2·1	26·4	2·0	24·1	1·7	25·0	1·1	25·0	1·1	24·7	1·7	24·9	1·6	24·8	2·1	22
23	25·0	2·2	26·2	1·8	24·3	1·7	25·0	1·1	25·0	1·2	24·4	1·5	24·5	1·2	25·5	1·6	23

TABLE XI. (*Contd.*)—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(*To obtain temperatures on the Absolute Scale add* 273)

JANUARY 1926

Day. / Hour	17d. Air.	17d. Excess of Air over Evap.	18d. Air.	18d. Excess of Air over Evap.	19d. Air.	19d. Excess of Air over Evap.	20d. Air.	20d. Excess of Air over Evap.	21d. Air.	21d. Excess of Air over Evap.	22d. Air.	22d. Excess of Air over Evap.	23d. Air.	23d. Excess of Air over Evap.	24d. Air.	24d. Excess of Air over Evap.	Day / Hour
Midnight	24·2	1·6	24·9	2·3	25·1	0·5	24·4	0·5	25·5	0·8	25·0	1·1	24·8	1·1	26·8	1·8	Midnight
1h	24·1	1·8	24·1	1·8	25·0	0·8	24·5	0·6	25·3	0·7	24·8	1·0	24·5	1·0	26·8	1·8	1h
2	24·0	1·6	24·5	2·1	24·9	0·6	24·3	0·5	25·1	0·7	24·9	1·2	24·0	1·0	26·7	1·7	2
3	24·2	1·9	24·9	2·5	24·8	0·6	24·3	0·5	24·4	0·7	24·9	0·9	23·5	0·7	26·4	1·5	3
4	24·0	2·0	25·0	2·4	24·3	0·3	24·4	0·5	25·0	0·7	24·2	0·7	23·3	0·8	26·2	1·3	4
5	24·1	2·0	25·0	2·3	24·9	0·4	24·0	0·7	24·9	0·7	23·9	0·8	22·9	0·8	26·0	1·2	5
6	23·7	1·9	24·6	1·7	24·8	0·2	23·9	0·7	24·3	0·4	23·3	0·6	23·2	0·6	25·3	1·2	6
7	25·4	3·2	25·8	2·8	26·0	0·7	25·8	0·8	26·0	0·8	25·5	1·1	25·8	0·9	27·0	1·3	7
8	26·8	4·1	26·2	3·2	26·9	1·5	28·0	2·0	27·3	1·3	28·0	3·0	27·0	1·9	27·9	2·4	8
9	28·0	5·0	27·5	4·1	27·3	2·2	29·0	3·2	28·0	2·0	29·6	3·6	29·2	3·2	28·7	2·9	9
10	29·0	6·0	25·5	1·7	28·7	3·1	29·0	3·4	28·5	2·4	29·5	3·6	30·9	4·9	31·0	4·4	10
11	29·0	5·7	28·0	3·7	30·0	5·0	30·0	4·3	29·2	3·1	30·2	4·2	31·3	5·0	29·7	4·0	11
Noon	29·5	7·3	26·4	2·3	31·0	5·8	30·5	4·2	28·0	2·1	31·0	5·0	32·0	6·0	31·3	4·5	Noon
13h	29·6	6·6	26·0	1·8	31·0	5·2	31·0	4·8	28·4	3·1	32·0	5·8	32·7	6·4	30·6	4·6	13h
14	29·5	6·7	26·9	2·4	31·6	5·7	31·0	4·9	28·0	2·4	32·3	5·7	30·7	4·7	30·0	4·2	14
15	29·0	6·1	26·8	2·3	31·0	5·0	31·5	5·6	28·0	2·5	32·0	5·2	32·3	5·5	30·9	5·2	15
16	29·0	6·0	25·8	1·1	30·0	4·2	29·2	3·6	28·3	3·1	31·9	5·6	32·0	5·7	31·3	5·0	16
17	27·5	4·5	26·0	1·1	29·0	3·4	28·5	3·4	27·9	3·0	31·2	5·3	31·8	5·3	31·0	5·1	17
18	26·8	4·1	25·6	0·9	28·4	3·2	27·1	2·2	27·6	2·9	30·0	4·4	30·2	4·3	29·5	4·1	18
19	25·6	4·0	24·9	1·7	27·3	2·3	26·9	2·3	26·9	2·5	28·4	3·3	28·8	3·1	28·5	3·4	19
20	25·2	3·2	24·0	0·6	26·7	1·7	25·8	1·0	25·9	2·0	27·6	2·4	28·1	2·4	27·9	2·8	20
21	25·0	3·0	24·8	0·8	24·8	0·9	26·0	1·1	26·1	1·8	26·8	1·9	27·0	2·3	27·0	2·0	21
22	25·0	2·9	25·0	0·5	24·5	0·5	26·0	1·2	25·3	1·0	26·0	1·7	27·0	1·9	27·0	2·0	22
23	25·0	2·7	25·0	0·3	25·0	0·5	25·8	1·1	25·1	1·1	25·1	1·1	26·4	1·6	25·8	1·4	23

Day / Hour.	25d. Air.	25d. Excess of Air over Evap.	26d. Air.	26d. Excess of Air over Evap.	27d. Air.	27d. Excess of Air over Evap.	28d. Air.	28d. Excess of Air over Evap.	29d. Air.	29d. Excess of Air over Evap.	30d. Air.	30d. Excess of Airove Evap.	31d. Air.	31d. Exces of Air over Evap.	Mean Air.	Mean Exc Air Evap.	Day. / Hour.
Midnight	25·2	1·2	24·6	0·8	24·3	1·2	25·3	0·9	25·5	1·0	25·8	1·0	25.0	0.6	24·7	1·3	Midnight
1h	25·3	1·0	24·6	0·8	23·8	1·3	25·3	1·0	25·6	1·0	25·7	1·3	24.7	0.6	24·6	1·3	1h
2	25·1	0·9	24·3	0·7	23·3	1·4	25·2	0·9	25·7	1·0	25·8	1·4	25.5	0.6	24·5	1·2	2
3	24·9	1·0	24·0	0·5	23·0	1·5	25·1	0·9	25·8	1·0	25·8	1·2	25.3	0.6	24·3	1·2	3
4	24·8	1·0	24·0	0·6	22·3	1·3	25·2	1·1	25·5	1·2	25·6	1·1	25.0	0.6	24·1	1·1	4
5	24·4	0·8	24·0	0·6	22·0	1·1	25·0	1·0	25·8	1·3	25·5	1·5	25.0	0.4	24·1	1·1	5
6	24·3	1·0	23·9	0·7	22·4	1·5	24·5	0·8	26·0	1·2	25·3	1·5	25.0	0.7	24·0	1·1	6
7	24·0	0·4	24·2	0·6	25·0	2·2	25·6	1·1	25·4	0·6	25·9	1·6	25.7	1.0	25·4	1·5	7
8	24·5	0·6	25·0	0·7	27·2	3·5	27·0	2·0	27·6	3·6	27·4	2·4	26.6	1.6	26·9	2·5	8
9	26·3	1·3	25·5	0·7	28·0	4·0	28·0	3·0	27·6	2·6	27·7	2·5	27.0	2.0	27·8	3·1	9
10	28·6	2·7	26·0	1·5	29·0	5·0	28·4	3·6	27·9	2·9	27·4	1·8	28.2	3.1	28·4	3·6	10
11	29·4	3·0	26·8	2·8	29·7	5·5	28·5	3·7	27·8	2·8	28·6	2·6	28.2	3.0	28·9	4·1	11
Noon	30·5	3·5	28·9	3·8	27·0	2·0	29·2	4·2	27·0	1·9	29·0	2·8	28.5	3·2	29·3	4·3	Noon
13h	29·8	3·8	29·2	4·2	28·2	3·0	29·5	4·9	28·0	2·4	29·0	2·3	28.4	3.3	29·5	4·6	13h
14	28·9	3·3	29·6	4·6	27·0	1·9	29·0	4·6	26·0	1·0	29·3	3·4	29.0	3.8	29·3	4·5	14
15	28·8	2·7	29·0	4·5	26·0	2·0	28·9	4·2	27·1	2·1	29·9	4·3	28.0	3.2	29·1	4·4	15
16	28·3	2·0	29·4	5·1	24·9	0·3	28·3	3·7	26·7	1·7	29·0	3·8	28.1	3.5	28·6	4·0	16
17	28·7	2·6	28·0	4·0	24·4	0·4	27·6	3·4	26·7	1·4	28·6	3·7	28.0	3.8	28·0	3·6	17
18	28·7	2·8	27·9	3·5	24·2	0·4	27·0	2·9	26·8	1·6	27·8	2·7	27.0	2.7	27·4	3·2	18
19	26·8	2·0	26·5	2·2	24·8	0·6	26·4	2·2	26·2	1·1	27·0	2·0	26.2	1.9	26·4	2·5	19
20	26·0	1·4	25·1	1·5	24·8	0·7	25·9	1·6	24·9	0·7	26·4	1·3	26.0	1.4	25·8	2·0	20
21	25·6	1·1	24·6	1·4	25·0	0·3	25·4	1·0	25·8	0·7	26·5	1·3	26.0	1.3	25·4	1·7	21
22	25·0	0·9	24·1	1·2	25·0	0·2	25·8	1·3	25·7	1·0	26·2	1·2	26.0	1.3	25·2	1·5	22
23	25·2	1·0	24·3	1·2	25·0	0·1	25·0	0·5	25·6	1·4	26·0	1·0	25.8	1.0	25·0	1·3	23

TABLE XII.—NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(The results are increased by 90 in order to obviate the necessity for signs. The unit in the table is 0·1 metre.)

JANUARY 1926.

Day / Hour.	1d.		2d.		3d.		4d.		5d.		6d.		7d.		8d.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	
Midnight	900	892	877	913	877	923	882	918	900	908	900	916	905	911	911	905	Midnight
1h	900	888	886	914	881	928	882	918	900	916	900	912	907	915	919	908	1h
2	900	888	886	914	882	918	880	920	900	907	900	910	905	911	891	912	2
3	900	887	889	911	886	914	877	923	900	906	900	912	905	911	882	927	3
4	900	893	885	915	885	915	881	928	900	914	900	912	905	912	890	915	4
5	900	890	882	918	882	918	888	918	900	917	900	915	907	917	889	917	5
6	897	887	880	920	878	922	885	923	900	916	900	918	904	910	893	909	6
7	900	891	879	921	882	927	883	926	900	928	900	918	903	906	896	906	7
8	897	887	874	939	876	936	908	941	900	927	905	923	908	908	903	916	8
9	895	874	876	936	870	946	908	937	900	922	919	929	910	892	919	912	9
10	900	869	883	941	878	954	900	951	915	923	915	924	918	882	917	911	10
11	900	862	878	933	877	955	911	953	910	924	922	922	917	893	927	927	11
Noon	900	872	909	942	871	943	910	948	914	936	927	927	938	885	913	932	Noon
13h	893	867	910	950	877	955	910	949	920	920	928	911	925	883	919	928	13h
14	900	867	900	944	869	946	908	940	914	934	927	918	922	878	907	934	14
15	913	867	885	938	872	941	909	943	912	930	929	919	919	888	906	929	15
16	884	916	890	947	876	936	908	941	906	930	914	922	919	888	900	928	16
17	889	927	873	927	883	941	908	939	906	930	915	915	919	892	894	929	17
18	887	913	878	932	874	940	907	934	900	925	904	921	914	900	894	930	18
19	885	914	883	925	876	936	900	922	900	918	905	911	908	903	896	919	19
20	885	915	888	918	885	923	900	916	900	915	901	907	906	903	898	911	20
21	891	909	885	915	880	920	900	918	900	919	902	911	906	902	897	914	21
22	891	909	876	924	886	914	900	912	900	916	902	910	906	902	896	918	22
23	889	911	879	921	885	915	900	908	900	918	902	911	910	904	894	928	23

Day / Hour.	9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.		Day. / Hour
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	N.	E.	N.	E.	
Midnight	896	921	881	919	895	924	882	918	880	920	878	922	878	922	888	919	Midnight
1h	896	921	881	928	888	931	875	925	875	925	878	922	878	933	878	922	1h
2	897	913	885	923	884	924	875	925	880	920	877	923	881	929	878	922	2
3	897	913	889	916	880	920	883	925	875	925	875	925	882	927	880	920	3
4	897	915	890	915	883	917	878	933	880	920	874	926	881	929	880	930	4
5	897	913	889	917	885	915	886	936	880	930	878	922	869	931	881	929	5
6	897	915	887	920	880	920	888	931	871	929	873	927	880	920	885	937	6
7	896	921	878	932	887	913	882	944	876	936	876	936	883	926	883	943	7
8	900	936	876	936	878	933	877	955	882	943	882	945	882	945	877	956	8
9	900	939	874	939	886	936	874	963	890	948	883	942	879	952	871	970	9
10	900	945	876	936	883	943	887	962	872	942	882	944	877	955	877	955	10
11	885	938	866	952	877	955	888	961	878	952	879	952	889	956	875	960	11
Noon	900	950	878	932	875	960	873	965	881	947	877	956	879	952	875	960	Noon
13h	900	944	883	942	900	970	887	965	887	934	875	961	888	957	874	963	13h
14	900	950	909	942	900	969	880	948	876	958	877	955	888	961	877	956	14
15	891	943	910	947	900	961	876	958	883	941	880	949	887	963	877	955	15
16	884	940	907	934	900	952	869	946	881	947	878	953	888	959	879	950	16
17	890	950	908	940	900	951	883	942	868	932	877	955	875	960	877	955	17
18	879	936	909	943	900	940	883	941	887	933	881	946	882	944	881	946	18
19	885	923	900	928	894	928	877	935	880	930	885	937	886	934	878	933	19
20	883	925	900	933	889	927	881	929	874	926	887	934	887	934	881	928	20
21	886	921	900	931	889	927	878	922	877	935	887	934	883	926	882	927	21
22	896	921	893	933	890	925	882	918	881	928	882	927	884	924	882	927	22
23	888	930	892	937	886	922	878	922	885	938	882	927	887	920	883	926	23

TABLE XII.—(*Contd.*) NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(*The results are increased by* 90 *in order to obviate the necessity for signs. The unit in the table is* 0·1 *metre.*)

JANUARY 1926.

Day. / Hour.	17d.		18d.		19d.		20d		21d.		22d.		23d.		24d.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	881	928	881	946	910	924	903	913	904	910	903	905	907	905	912	900	Midnight
1h	877	923	882	945	906	927	903	914	903	906	907	909	909	907	919	908	1h
2	878	922	879	952	913	919	902	911	904	909	907	909	896	909	913	906	2
3	875	925	874	940	912	918	902	912	902	906	903	905	896	910	918	908	3
4	881	929	879	952	908	920	904	919	908	908	903	905	896	909	914	906	4
5	877	934	874	962	904	919	904	921	906	906	904	906	897	908	908	903	5
6	885	924	878	953	902	912	902	912	908	908	906	908	896	910	906	902	6
7	883	941	886	967	906	903	907	916	908	908	904	906	897	907	919	904	7
8	875	960	884	981	908	919	917	917	916	916	909	912	912	912	933	893	8
9	872	967	885	976	912	919	922	922	929	929	921	896	930	900	923	890	9
10	875	959	885	977	922	922	929	929	938	908	922	891	934	893	937	885	10
11	869	976	900	985	927	927	919	929	945	918	927	900	941	892	940	884	11
Noon	869	974	900	989	937	925	941	917	930	920	927	900	942	900	950	890	Noon
13h	871	971	900	969	941	928	932	913	934	934	929	894	943	891	949	900	13h
14	871	969	900	963	954	922	941	917	935	923	940	900	950	900	952	900	14
15	869	975	900	955	952	922	950	910	952	934	942	883	946	891	945	900	15
16	875	960	900	958	944	918	935	914	929	929	935	893	943	883	938	892	16
17	877	956	910	948	936	924	934	913	939	926	938	900	933	887	941	892	17
18	886	971	907	935	931	921	925	925	931	921	926	911	932	887	928	889	18
19	883	943	906	930	918	927	908	910	918	918	918	912	921	896	923	895	19
20	875	937	900	926	909	922	909	913	907	909	907	904	925	900	920	896	20
21	876	936	894	930	915	906	905	911	903	905	905	903	912	900	905	888	21
22	880	946	906	927	893	916	905	912	906	908	906	904	907	901	902	894	22
23	882	944	911	926	903	917	903	916	904	906	909	907	909	900	903	894	23

Day. / Hour	25d.		26d.		27d.		28d.		29d.		30d.		31d.		Mean.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	903	892	897	916	895	923	881	928	875	959	911	955	906	927	894	919	Midnight
1h	903	894	900	910	897	917	878	932	874	964	915	937	914	934	894	920	1h
2	904	894	912	900	897	914	880	934	873	965	918	945	914	934	893	919	2
3	908	892	907	900	896	920	883	926	872	968	917	942	913	934	893	918	3
4	905	895	895	912	896	921	877	934	872	973	913	934	916	939	893	921	4
5	907	893	890	910	897	913	880	930	885	977	917	943	913	933	893	921	5
6	905	895	891	909	898	909	900	937	883	987	914	934	914	934	893	921	6
7	890	893	894	908	897	917	885	938	885	975	908	941	912	931	893	924	7
8	891	893	892	908	879	931	889	952	900	1004	919	947	917	943	895	929	8
9	892	908	903	914	866	952	877	955	900	975	928	941	920	949	898	933	9
10	921	921	911	928	879	950	874	964	900	992	928	941	920	948	902	934	10
11	927	911	917	925	878	954	871	969	900	996	921	950	921	950	903	937	11
Noon	937	908	924	936	879	950	872	968	917	983	920	949	912	959	906	938	Noon
13h	929	911	932	932	879	951	869	974	915	974	932	947	911	953	908	937	13
14	930	906	925	925	877	956	870	983	914	969	931	946	912	959	908	937	13
15	922	905	919	928	910	947	870	973	910	949	927	941	912	957	909	934	14
16	923	910	919	929	877	934	870	957	911	952	926	940	913	964	904	933	15
17	910	904	911	926	911	927	863	937	917	943	916	939	900	955	903	931	16
18	915	907	905	922	890	924	870	947	910	939	914	934	900	964	901	930	17
19	900	916	906	927	882	927	860	951	920	949	906	929	900	940	897	925	18
20	892	908	900	923	885	924	874	940	915	938	905	925	900	939	896	921	19
21	906	900	900	916	885	924	870	945	909	945	913	932	900	941	895	920	20
22	909	900	900	918	885	923	862	957	911	955	912	930	900	638	895	921	21
23	909	907	900	923	878	932	865	953	910	950	917	926	900	942	895	925	22

TABLE XIII.—DIRECTION and VELOCITY of the WIND at every HOUR of the DAY as recorded by the ROBINSON CUP ANEMOMETER, during JANUARY 1925.

The directions are given in points and the values indicate the direction from which the wind blows counting from South (0), West (8), North (16) and East (24).

The Velocities are given in Metres per second, using the factor 2·2.

*(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk *).*

JANUARY 1926.

Hour \ Day	1d. *		2d.		3d.		4d.		5d.		6d.		7d. *		8d. *		9d.		10d.		11d.		12d.		13d.		14d. *		15d.		16d.	
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Midnight	8	0·8	28	1·8	28	3·3	28	2·5	24	0·8	24	1·6	22	1·2	18	1·2	25	2·2	28	2·7	25	2·5	28	2·6	28	2·9	28	3·1	28	3·2	27	2·2
1h	8	1·2	28	2·0	27	3·4	28	2·6	24	1·0	24	1·2	22	1·7	13	2·1	25	2·1	27	3·4	26	3·3	28	3·6	28	3·5	28	3·2	27	4·0	28	3·1
2	8	1·2	28	2·0	28	2·6	28	2·9	24	0·7	24	1·0	22	1·2	d27	1·5	25	1·3	27	2·7	27	2·9	28	3·5	28	2·9	28	3·3	27	3·5	28	3·1
3	8	1·3	28	1·6	28	2·0	28	3·3	24	0·6	24	1·2	22	1·2	27	3·2	25	1·3	27	1·0	28	2·8	27	3·0	28	3·5	28	3·5	27	3·2	28	2·9
4	8	0·7	28	2·1	28	2·2	27	3·4	24	1·4	24	1·2	22	1·3	27	1·8	25	1·5	27	1·8	28	2·4	27	4·0	28	2·9	28	3·7	37	3·5	27	3·6
5	8	1·0	28	2·6	28	2·6	27	2·1	24	1·7	24	1·5	22	1·9	27	2·0	25	1·3	27	2·0	28	2·1	26	3·9	27	3·6	28	3·2	28	4·4	27	3·5
6	7	1·3	28	2·9	28	3·1	27	2·7	24	1·6	24	1·8	22	1·1	27	1·1	25	1·5	27	2·4	28	2·9	26	3·3	28	4·1	28	3·9	28	2·8	26	4·0
7	8	0·9	28	3·0	27	3·2	27	3·1	24	2·8	24	1·8	22	0·7	27	0·7	25	2·2	27	3·9	28	1·9	26	4·8	27	4·4	27	4·3	27	3·1	26	4·6
8	7	1·3	27	4·7	27	4·4	23	4·2	24	2·7	23	2·4	20	1·2	23	1·6	24	3·0	7	4·4	27	4·0	26	6·0	26	4·7	26	4·9	26	4·9	26	6·1
9	7	2·7	27	4·4	27	5·5	23	3·8	24	2·2	21	3·5	13	1·3	19	2·2	24	3·9	27	4·7	26	3·9	26	6·8	25	4·9	26	4·5	26	5·6	26	7·6
10	8	3·1	26	4·4	26	5·9	24	5·1	21	2·7	21	2·8	12	2·6	19	2·0	24	4·5	27	4·4	26	4·6	25	6·3	27	5·1	26	4·8	d26	6·0	26	6·0
11	8	3·8	27	4·0	26	6·0	23	5·4	22	2·6	20	3·1	14	1·9	20	3·9	26	4·1	27	6·2	26	6·0	25	6·2	26	5·7	26	5·6	25	5·7	26	6·5
Noon	8	2·8	23	4·3	27	5·2	23	4·9	22	3·9	20	3·9	14	4·1	22	3·4	24	5·0	27	3·9	26	6·5	26	7·0	26	5·1	26	6·1	25	5·6	26	6·5
13h	7	3·4	23	5·1	26	6·0	23	5·0	0	2·8	18	3·0	13	3·0	21	3·4	24	4·4	26	4·5	24	7·0	25	6·6	26	3·6	26	6·6	25	5·8	26	6·8
14	8	3·3	24	4·4	27	5·0	23	4·1	22	3·7	19	3·3	12	3·2	23	3·5	24	5·0	23	4·3	24	6·9	26	5·2	26	6·3	26	6·0	25	6·2	26	6·1
15	10	3·5	26	4·1	27	5·0	23	4·4	22	3·2	10	3·5	13	2·2	23	3·0	25	4·4	23	4·8	24	6·1	26	6·3	26	4·4	26	5·3	25	6·4	26	6·0
16	28	2·3	25	4·8	27	4·3	23	4·2	23	3·1	21	2·6	13	2·2	24	2·8	26	4·3	23	3·5	24	5·2	27	5·6	26	5·1	26	5·8	25	6·0	26	5·4
17	26	2·9	28	3·9	26	4·4	23	4·0	23	3·1	20	2·1	14	2·1	25	3·0	25	5·1	23	4·1	24	5·1	26	4·5	28	4·6	26	6·0	26	6·5	26	6·0
18	28	1·8	27	3·9	27	4·8	23	3·5	24	2·5	23	2·2	16	1·4	25	3·1	27	4·3	23	4·4	24	4·0	26	4·4	26	3·5	26	5·0	26	4·8	26	5·0
19	28	2·1	27	3·0	27	4·4	24	2·2	24	1·8	22	1·2	18	0·9	25	1·9	27	2·7	24	2·8	25	2·9	27	4·2	27	3·6	26	4·0	r26	3·7	27	4·0
20	28	2·2	27	2·1	27	2·7	24	1·6	24	1·5	23	0·7	18	0·7	25	1·1	27	3·0	24	3·3	26	2·9	27	3·5	28	3·7	r26	3·6	26	3·6	27	3·4
21	28	1·3	28	2·2	28	2·9	24	1·8	24	1·9	23	1·1	18	0·6	25	1·4	27	2·5	24	3·1	26	2·9	d28	3·1	27	4·2	26	3·6	27	3·1	27	3·2
22	28	1·3	28	3·4	28	2·0	24	1·2	24	1·6	23	1·0	18	0·6	25	1·8	25	2·2	25	3·4	26	2·7	28	2·6	27	3·4	27	3·3	27	2·9	27	3·2
23	28	1·6	28	3·0	28	2·2	24	0·8	24	1·8	23	1·1	18	1·1	25	2·0	26	3·2	25	3·8	27	2·6	28	3·2	26	4·1	27	3·3	27	2·4	27	3·1

Hour \ Day	17d.		18d.		19d.		20d.		21d.		22d. *		23d. *		24d. *		25d. *		26d. *		27d.		28d.		29d.		30d.		31d.		Mean
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocity
Midnight	27	3·4	26	5·0	22	2·6	23	1·3	22	1·1	21	0·6	19	0·9	16	1·2	10	0·9	25	1·6	25	2·4	27	3·4	26	6·4	23	5·6	23	2·8	2·4
1h	28	3·3	26	4·9	23	2·8	23	1·4	22	0·7	21	1·1	19	1·1	18	2·1	10	0·7	21	1·3	25	1·7	27	3·9	26	6·9	22	4·0	22	3·7	2·6
2	28	3·1	26	5·6	21	2·3	21	1·1	22	1·0	21	1·1	26	1·0	18	1·4	11	0·7	16	1·2	25	1·4	26	3·7	26	7·0	22	4·9	22	3·7	2·4
3	28	3·5	27	4·8	21	2·1	23	1·2	22	0·6	21	0·6	26	1·1	18	2·0	12	1·1	16	0·7	25	2·0	27	3·1	26	7·4	22	4·5	22	3·6	2·4
4	27	3·5	26	5·6	22	2·2	23	1·9	20	1·1	21	0·6	26	1·0	18	1·5	12	0·7	26	1·3	25	2·1	27	4·1	26	7·9	22	3·6	22	4·2	2·5
5	27	4·1	26	6·7	23	1·9	23	2·1	20	0·9	21	0·7	26	0·9	18	0·9	12	1·0	28	1·4	25	1·3	27	3·6	25	7·9	22	4·6	22	3·5	2·6
6	27	2·8	26	5·8	23	1·2	23	1·2	20	1·1	21	1·0	26	1·1	18	0·6	12	0·7	28	1·3	25	0·9	24	3·7	25	8·9	22	3·7	22	3·7	2·5
7	26	4·4	25	6·8	22	1·4	22	1·8	20	1·1	21	0·7	26	0·8	17	1·9	3	1·2	27	1·0	25	1·7	26	4·1	25	7·6	23	4·2	22	3·3	2·8
8	26	6·5	25	8·3	22	2·1	20	2·4	20	2·3	21	1·5	20	1·7	15	3·4	3	1·1	28	1·2	27	3·7	26	5·6	24	10·4	22	5·1	22	4·6	3·9
9	26	7·2	25	7·7	21	2·2	20	3·2	20	4·2	r15	2·2	r16	3·0	14	2·5	28	1·2	23	1·4	27	6·2	26	6·0	24	7·5	21	5·0	d22	5·3	4·3
10	26	6·4	25	7·8	20	3·1	20	4·1	17	3·0	14	2·4	15	3·5	14	4·0	20	3·0	22	3·0	26	5·4	26	6·9	24	9·2	21	5·0	22	5·2	4·6
11	26	8·2	24	8·5	20	3·8	21	3·5	18	4·9	16	2·7	15	4·2	14	4·3	18	2·9	21	3·0	26	5·9	26	7·5	24	9·6	22	5·4	22	5·4	5·1
Noon	26	8·0	24	8·0	19	4·5	18	4·4	19	3·6	16	2·7	16	4·2	15	5·1	17	3·8	21	4·4	26	5·4	26	7·4	23	8·5	22	5·3	23	6·0	5·2
13h	26	7·7	24	6·9	19	5·0	18	3·4	20	4·8	15	3·0	15	4·4	16	4·9	18	3·1	20	4·5	26	5·5	26	8·0	23	7·5	21	5·7	23	5·4	5·1
14	26	7·5	24	6·3	18	5·9	18	4·4	19	4·2	16	4·0	16	5·0	16	5·2	17	3·1	20	3·6	26	6·1	26	9·0	23	7·0	21	5·6	23	6·0	5·2
15	26	8·1	24	5·5	18	5·7	17	5·1	19	6·2	14	4·5	15	4·7	16	4·5	17	2·3	21	3·4	23	4·8	26	7·9	23	5·0	21	4·9	23	5·8	4·9
16	26	6·5	24	5·8	18	4·8	18	3·8	20	4·2	15	3·6	14	4·6	15	3·9	18	2·5	21	3·5	27	4·1	26	6·2	23	5·3	21	4·8	23	6·5	4·4
17	26	6·1	23	4·9	19	4·4	18	3·6	19	4·7	16	3·8	14	3·5	15	4·2	18	1·1	22	2·8	22	2·9	28	5·3	22	4·6	22	4·2	24	5·5	4·2
18	25	7·2	23	3·6	19	3·7	20	3·5	19	3·7	18	2·8	14	3·4	14	3·0	18	1·7	23	2·3	26	2·6	27	5·7	22	4·2	22	3·7	24	6·4	3·8
19	26	4·6	23	3·1	21	3·2	21	1·3	20	2·6	19	2·1	15	2·1	15	2·4	24	1·6	23	2·8	27	3·2	27	6·1	22	5·3	23	3·0	24	4·0	3·0
20	27	4·5	24	2·6	22	2·4	21	1·6	21	1·1	19	0·8	16	2·5	15	2·0	28	1·1	24	2·3	27	2·8	27	4·8	22	4·1	r23	2·6	24	3·9	2·5
21	27	4·4	25	3·1	18	1·0	22	1·2	21	0·6	19	0·6	16	1·2	10	1·3	16	0·6	24	1·6	27	2·8	27	5·4	23	4·6	22	3·4	24	4·1	2·4
22	26	5·2	23	2·8	26	1·8	22	1·3	21	1·0	19	0·7	17	0·7	10	0·6	16	0·9	24	1·5	27	2·7	27	6·9	23	5·6	22	3·2	24	3·8	2·4
23	26	4·8	22	2·8	23	1·7	22	1·6	21	0·7	19	1·1	16	0·9	10	0·7	19	1·1	24	2·3	27	3·9	27	6·4	23	5·1	21	3·1	24	4·2	2·6

d = direct. r = retrograde.

TABLE XIV.—RAINFALL at every HOUR of the DAY at the ROYAL ALFRED OBSERVATORY MAURITIUS for JANUARY 1926.

Hour Ending \ Day.	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d.
	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	m.m	mm	m.m	mm
1h	...	...	.	...	..	...	...	...	...	...	2·7	...	...	0·7	0·4	...	...	...	...	...	...	...	...	...	0·6	...	...	...	0·8	...	4·1
2	...	...	...	...	...	...	...	..	...	...	...	...	...	..	...	...	...	...	5·6	...	...	...	...	...	0·4	0·2	...	...	...	...	...
3	...	...	...	..	...		...	0·5	...	..	..	...	...	...	0·2	...	..	...	0·6	...	...	...	...	...	...	1·5	...	...	0·2	...	0·2
4	...	...	...	0·4	2·5	...	...	0·4	..	..	0·2	...	0·1	...	..	..	...	...	0·2	..	3·2	...	...	...	...	0·2	...	...	0·6	..	4·6
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	4·0	...	...	...	...	...	...
6	...	...	...	...	...	.	...	...	..	...	...	...	0·7	...	...	...	...	...	...	...	0·2	.	...	...	5·8	...	...	...	...	...	...
7	...	..	...	0·3	0·5	...	...	...	...	...	0·2	..	0·1	0·3	...	...	...	...	...	...	...	...	...	...	1·2	0·2	...	1·3	...	...	...
8	...	...	..	...	2·0	...	...	...	...	...	...	...	...	0·5	...	...	...	...	...	...	...	...	...	...	2·0	..	...	...	...	...	...
9	...	...	...	...	...	...	...	..	...	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...
10	..	...	...	...	...	...	...	...	...	...	...	..	...	0·3	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	..	..	...	...	...	...	...	...	...	...	...	0·2	0·5	...
Noon	...	...	...	..	0·2	...	...	...	...	..	..	...	..	...	...	...	...	...	...	..	0·3	...	...	...	...	...	..	...	0·4	...	...
13h	...	...	...	...	...	...	..	...	...	.	..	...	..	0·2	...	...	..	...	..	...	0·2	...	..	...	..	...	...	...	0·2	0·1	...
14	...	...	..	...	...	...	..	..	...	..	...	..	..	...	...	...	...	...	..	...	..	...	..	...	.	...	0·3	...	...	...	...
15	...	...	...	...	...	...	...	..	...	..	...	...	2·6	0·3	...	...	...	...	...	...	..	...	...	...	...	...	0·6	...	0·6	.	...
16	...	...	..	...	...	...	...	..	...	..	...	...	.	...	...	...	...	0·1	...	...	0·2	...	...	...	...	...	9·9	...	...	...	...
17	...	...	...	...	...	...	...	...	...	..	...	0·2	.	...	...	...	...	0·1	...	...	...	...	...	...	...	...	1·7	...	0·7	...	...
18	...	...	..	...	0·1	...	..	...	..	...		...	...	...	...	...	...	0·1	...	...	0·2	...	...	...	...	...	11·6	...	..	0·1	...
19	...	...	0·8	...	0·1	...	...	...	...	...	...	0·1	0·2	...	...	..	...	0·1	...	...	...	...	...	...	...	...	...	...	0·5	0·1	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	...	..	...	...	...	...	0·1	...	..	...	2·6	...	...
21	...	...	..	...	...	..	.	...	...	..	...	..	..	...	...	...	...	0·2	4·2	...	...	...	...	...	0·7	..	. .	0·6	0·6	...	...
22	..	...	...	...	...	...	...	...	...	..	...	..	..	...	...	...	...	0·5	3·1	..	...	...	...	...	...	...	0·3	...	...	..	...
23	..	...	...	...	...	...	...	...	..	..	..	..	...	...	...	...	...	0·8	...	...	...	...	...	...	0·3	...	0·7	...	...	...	...
24	..	...	...	...	...	...	...	...	..	..	..	...	0·1	...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	1·7	...	0·1	0·4

TABLE XV.—TOTAL MONTHLY RAINFALL at VARIOUS STATIONS in MAURITIUS, grouped according to the RIVER SYSTEMS as indicated on the CHART for the MONTH of JANUARY 1926.

River System.	Register Number	Station	Approximate Altitude feet.	Total fall in inches.	Total fall in mill.	Normal in mill.	Number of days.
1	2	St. Antoine	50	6·84	173·7	154·7	16
	3	Belmont	50	5·19	131·8	135·9	17
	4	Poudre d'Or	20	6·03	153·2	127·8	17
	5	Mon Loisir (R.)§ ...	300	...	...	...	...
	6	Mon Loisir S. E.§ ...	300	...	...	...	...
	7	Forbach§	300	...	...	...	...
	8	Labourdonnais ...	290	...	...	...	...
	9	Beau Séjour	300	6·71	195·6	227·8	21
	10	Mont Piton	360	5·14	129·6	246·4	20
	11	Mon Choix	700	5·34	134·7	253·5	21
	12	Antoinette	640	...	...	...	..
	13	California§	850	...	..	...	...
	14	Nouvelle Découverte ...	1,400	7·11	180·4	286.0	17
	15	Mon Songe	620	8·51	215·9	243·1	18
	16	La Grande Rosalie§ ...	643	...	...	...	...
	17	The Mount§	325	...	...	...	...
	18	Botanic Gardens ...	325	4.21	106·7	222·2	17
	19	The Observatory ...	179	4·08	103·4	193·3	19
	20	Solitude§	175	...	...	...	...
	21	St. André	90	3·33	83·9	183·4	9
	22	Belle Vue Harel§ ...	350	...	...	...	...
	23	Mont Choisy§	10	...	...	...	...
	25	Esperance (Trebuchet)*	165	5·11	129·8	...	7
	28	Mon Rocher§	...	...	...	...	...
	45	Roche Bois Station§ ...	44	...	...	...	...
	46	Riche Terre Station§ ...	106	...	...	...	...
	47	Terre Rouge Station§ ..	137	...	...	...	...
	48	Mapou Station* ..	296	1·02	25·4	...	5
	49	Poudre d'Or Station ...	772	6·75	171·5	...	13
	50	Rivière du Rempart* ...	134	2·12	53·3	...	10
2 & 3	1	Union Régnard S.E. ...	600	9·52	244·8	227·1	17
	2	Constance d'Arifat L.G.	100	6·58	165·3	191·0	15
	3	St. Julien Church§ ...	1,050	...	...	..	...
	4	Riche Fund	600	8·23	208·4	238·7	20
	5	Constance (Manès)§ ...	..	...	...	...	...
	6	Queen Victoria§ ...	..	...	...	...	...
	7	Belle Mare§	...	...	...	...	...
	8	Bel Etang (Lesur)§ ...	...	...	...	...	...
	9	Belle Vue (Allendy)* §	...	6·53	165·2	...	13
	10	St. Julien E(K. Reetoo)§	...	...	...	...	...
4	1	Sans Souci§	900	...	...	...	...
	2	Etoile§	400	...	...	...	...
	3	Beau Champ	20	7·42	188·0	156·2	14
	4	Belle Rive§	400	...	...	...	...
	5	Olivia	400	11·16	283·5	204·5	22
	6	Deep River§	350	..	...	...	...
	7	Belle Rose Estate§ ...	...	...	...	...	...
	8	Melrose§	...	...	...	...	.
	9	Bonne Veine*	...	12·36	312·6	...	22
5	1	Rose Belle§	850	...	...	...	...
	2	Riche-en-Eau§	460	...	...	...	...
	3	Ferney§	20	...	...	...	...
	4	Beau Vallon§	60	.	.	..	...
	5	Union Vale§	200	...	...	...	...
5 cont.	6	Mon Désert (Carié)* ...	75	..	...	...	...
	7	Cluny§	1,000	...	...	...	...
	8	Union Park§	...	...	...	...	...
	9	Sauveterre Estate* ...	...	12·75	322·7	...	17
	10	Bananes Estate§ ...	...	...	...	...	...
6	1	Kanaka	2,000	11·03	280·1	338·0	15
	2	Tivoli*	1,300	24·36	617·4	...	17
	3	La Flora*	1,050	17·30	439·4	...	20
	4	Britannia	700	16·54	420·1	322·8	19
	5	Savannah (Mill) ...	200	...	...	...	...
	6	St. Aubin§	300	...	...	...	...
	7	Union B.A.St.Félix S.E.§	90	...	...	...	...
	8	Beau Bois§	350	...	...	..	...
	9	St. Avold*	900	186·0	472·4	...	15
	10	Terracine§	1000	...	...	..	...
	11	St. Félix S.E.§	...	...	...	...	...
	12	Bel Air§	...	...	...	...	...
	13	Chamouny§	...	...	...	...	...
	14	Union S. E.*	...	11·51	292·3	...	17
	15	Fontenelle*	...	12·49	317·2	...	11
	16	Combo§	...	...	...	...	...
	17	St. Felix (Wilson)§ ...	..	...	...	...	...
	18	Choisy Estate§	...	...	.	...	...
7, 8 & 9	1	Bel Ombre	40	7·04	177·9	263·7	15
	3	Beau Champ*	...	9·18	231·3	..	14
	4	Board*	...	9·10	231·1	...	15
	12	Tamarin Station§ ...	155	...	...	...	...
	13	Médine Station§ ...	284	...	...	...	...
	14	Albion Station§ ...	72	...	...	...	...
10		No returns	...	...	...	...	...
11	1	Les Gorges§	...	...	...	...	...
	2	Curepipe Gardens ..	1,840	13·80	350·5	387·8	28
	3	Mare aux Vacoas ...	1,850	19·61	497·9	403·9	25
	4	La Marie Filter Bed ...	1,700	15·08	381·2	303·8	26
	5	Réunion§	1,420	...	...	...	...
12	1	The Manse	850	5·91	149·9	212·6	19
	2	The Bower§	1,080	...	...	...	...
	3	Le Réduit (D. of A.)§...	1,000	...	...	...	...
	4	Alma	1,160	15·63	396·3	434·6	21
	5	Bagatelle§	1,250	...	...	...	...
	6	Highlands*	1,300	11·78	299·2	...	22
	7	Trianon	950	8·74	221·1	254·2	20
	8	Salency§	923	...	...	...	...
	9	La Ferme*	350	7·25	182·0	...	20
	10	Bon Air§	1,050	...	...	..	...
	11	Val Ory	1,100	...	...	...	...
	12	Ebène§	...	...	...	...	...
	13	Mon Rêve§	...	...	...	...	...
	14	Bassin§	...	...	...	...	..
	15	Hermitage§	...	...	...	...	...
	16	Côte d'Or	...	9·25	234·9	...	14
	17	Mon Repos§	..	..	.	...	...
13	1	The Albion Dock§ ...	18	...	...	...	...
	2	Institute*	...	4·89	122·2	...	8

*Normals not available. §Record not Received.

TABLE XVI.—OBSERVATIONS of the DIRECTION and VELOCITY of CLOUDS made at the AEROLOGICAL STATION VACOAS 424·5 metres above SEA LEVEL during the month of JANUARY 1926.

Day \ Type	Time	Scud		Cumulus Cu. st. &c.		Alto cu: Alto st:		Cirro Cumulus		Cirro Stratus		Cirrus	
		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height
	h	°		°		°		°		°			
1	9¾	..	...	0·5	60	...	...	...	...	0·1	120	...	...
2	11¾		..	0·8	255	...	...	...	...	...	...	...	...
3	9¾	0·6	285	0·6	300	...	...	...	...	...	...	...	...
4	11½	1·6	270	1·0	260	...	...	...	...	..	...	...	...
5	...	..	..	...	...	...	...	...	...	...	...	...	...
6	9½	1·4	240	0·8	240	.	...	...	...	...	...	0·1	30
7	8h	...	...	1·2	240	0·2	90	...	...	...	...	0·3	60
8	9½	...	...	0·4	255	...	...	...	...	...	...	...	..
9	9¾	0·4	300	0·4	270	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...
11	9¾	0·8	285	...	...	0·1	60	...	...	0·1	60	...	...
12	7¾	2·7	300	...	...	...	...	...	...	...	...	0·2	90
13	9¾	1·6	300	2·1	290	...	...	...	...	...	...	...	...
14	...	...	...	..	...	..	...	...	...	...	...	...	...
15	9¾	2·2	270	0·5	270	...	...	...	...	...	...	...	...
16	9¾	1·5	285	0·3	300	...	...	...	...	...	...	...	...
17	12½	2·3	300	2·3	300	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...
19	8¼	1·9	240	..	...	...	...	...	...	...	...	...	...
20	9¾	1·0	230	0·8	210	...	...	...	...	...	...	...	...
21	9½	...	...	0·8	165	...	...	..	...	...	...	...	...
22	9¾	...	...	0·3	210	...	...	...	...	...	...	0·1	285
23	9¾	...	...	0·7	175	...	...	...	...	...	...	...	..
24	11¾	0·5	175	0·1	180	...	...	...	...	...	...	...	...
25	11½	...	...	0·6	165	...	...	...	...	0·1	60	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...
27	9¾	...	..	1·6	270	0·1	240	...	...	...	...	...	...
28	9½	1·9	285	1·6	285	...	...	...	...	...	...	...	...
29	10h	...	...	1·0	255	...	...	...	...	...	...	...	...
30	12½	0·9	225	1.0	225	...	...	...	...	...	...	...	...
31	11¾	1·8	270	0·7	255	...	...	...	...	...	...	...	...

Day \ Type	Time	Scud		Cum: Cu. st. &c.		Alto Cum Alto St:		Cirro Cum		Cirro Stratus		Cirrus	
		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height
	h	°		°		°		°		°		°	
1	...	...	...	...	...	...	...	...	...	...	...	...	...
2	14¾	...	...	0·6	300	...	...	...	..	...	....	...	...
3	14½	1·8	285	...	...	0·3	210	...	...	...	...	...	...
4	16½	1·4	300	0·9	255	...	...	...	...	...	...	...	...
5	14¾	...	...	0·5	275	...	...	...	...	0·1	15	...	...
6	14¾	0·6	230	0·4	330	...	..	...	...	0·3	150	0·2	60
7	12½	0·6	300	0·2	300	0·1	60	...	..	...	...	...	...
8	11¾	0·5	255	0·3	300	0·1	90	...	...	...	...	...	...
9	15½	...	...	0·4	300	...	..	...	...	0·1	90	...	...
10	...	..	...	..	...	...	...	...	...	...	...	...	...
11	12½	1·5	285	0·2	270	...	...	...	...	...	...	...	...
12	15½	1·8	270	0·1	270	...	...	...	...	...	...	...	...
13	14½	...	...	1·3	280	...	...	...	...	...	...	...	...
14	14h	2·1	300	1·8	300	0·1	60	...	...	...	...	...	...
15	14¾	...	...	0·4	270	...	...	...	..	...	...	...	...
16	15¼	...	...	2·3	285	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	..	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...
19	14¾	...	...	0·8	200	...	...	...	...	...	...	...	...
20	12¾	....	...	0·8	210	...	...	...	...	...	...	0·2	120
21	15½	0·9	180	0·8	225	...	...	...	...	...	...	...	...
22	14¾	0·7	200	0·4	180	...	...	...	...	...	...	...	...
23	11¾	...	...	0.6	160	...	...	...	...	...	...	...	...
24	14½	0·7	180	0·7	210	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	..
26	15¼	..	...	1·2	225	...	...	...	...	...	...	0·1	120
27	11¾	1·7	300	...	...	...	...	...	...	...	...	...	...
28	12¾	2·0	285	...	...	...	...	...	...	0·2	195	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...
30	16½	2·8	240	...	...	...	...	...	...	0·2	255	...	...
31	14¾	1·5	255	1·0	240	...	...	...	...	...	...	...	...

The Direction is that from which the Cloud travels, counting South (0°); West (90°); North (180°). The Velocity-Height-Ratio is given in milliradians per sec.

NEW SERIES (MONTHLY). VOL. XII. PART 2 PRICE R. 0.75

ROYAL ALFRED OBSERVATORY, MAURITIUS.

(LATITUDE 20°5′39 S.—LONGITUDE 3h 50m 12s·6 E.)

RESULTS

OF

MAGNETICAL AND METEOROLOGICAL OBSERVATIONS

FOR THE MONTH OF

FEBRUARY 1926

M. KŒNIG, A.INST.P.

ACTING DIRECTOR.

Published by Authority of His Excellency the Governor

PORT LOUIS

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1926.

TABLE I.—RESULTS of MAGNETICAL OBSERVATIONS made during the MONTH of

Month and Day. 1926	Mean Declination (West)	Mean Horizontal Force. (C.G.S. Units.)	Mean Vertical Force. (C.G.S. Units.)	Daily Range of.† Declination.	Horizontal Force	Vertical Force.
	° ′			′	Unit 1 γ	
1	11·15·2	·22845	·29817	8·7	18	17
2	15·6	851	817	7·5	18	18
3	15·4	848	814	9·8	38	24
4	16·3	851	816	8·8	40	17
5	15·4	852	812	11·2	16	26
6	15·7	859	813	5·8	26	18
7	15·9	865	814	6·3	28	18
8	15·9	871	809	9·8	31	24
9	15·7	872	808	6·2	26	17
10	15·6	875	811	8·7	55	19
11	15·8	850	804	7·5	88	50
12	15·9	835	815	4·9	47	12
13	15·5	853	807	11·5	42	28
14	15·4	852	810	8·2	47	27
15	15·8	851	810	11·0	27	20
16	16.0	852	808	13·2	23	26
17	15·4	867	808	11·0	40	26
18	...	...	813	...	...	11
19	...	...	813	...	...	14
20	...	...	809	...	...	13
21	...	...	812	...	...	14
22	...	...	809	...	...	15
23	16·5	853	811	8·5	80	22
24	17·6	780	827	11·0	225	35
25	16·2	781	828	12·5	123	22
26	16·5	824	819	12·2	49	31
27	15·9	841	816	15·8	18	37
28	16·9	844	814	12·7	26	32
...	...	...	...	...	...	.
...	...	...	...	...	...	...
...	...	...	...	...	...	...
Mean	11·15·92	·22847	·29813	9·69	49·2	22·6

T=0·37560: Mean Dip=θ=52°.32′·07. (X=·22406: Y=—·04463: Z=·29813).

† The daily range is the difference between the greatest and least hourly values.

Description of the Principal Magnetic Disturbances.

The following notes give a brief description of the principal magnetic disturbances The movements in Horizontal Force and Vertical force are expressed in G.G.S. units.

The term "wave" indicates a movement in one direction and return; "double wave," a movement in one direction and return with continuation in the opposite direction and return; "fluctuations," a number of movements in both directions.

The extent and direction of the movement are indicated in brackets, + denotes an increase and—denotes a decrease of the Magnetic Element; ± denotes positive and negative movements of approximately equal extent.

February 1d. 6h to 2d. 2h.: train of 5 smooth waves of about 4h. period and 20γ total amplitude.

3d. 0h. 15m. increase in H.F. with max at 1h. 30m. (+45γ.)

3d. 12h. to 4d. 4h. waves in H.F. (±15γ)

10d. 9h. 45m. sudden increase in H.F. (+20γ) followed by small sharp oscillations.

11d. 18h. decrease in H.F. with min (—80γ) at 23h.

12d. 1h. 15m. sharp increase in Declination (+4′)

18d. Considerable disturbance in H.F. (register unsatisfactory) Sharp oscillations of 35γ amplitude and 10 min. period between 4h. 30m. and 6h.±

18d. 2h. 20m. sharp oscillations in V.F. with max. (±10γ) at 4h. 50m.

23d. 20h. 0m. sharp increase in H.F., max (+60γ) at 21h. 15m., followed by general decrease with frequent small variations up to 24d. 12h. 15m. Then, large negative wave with min. (—225γ) at 24d. 23h. 45m. rising gradually till 25d. 20h.

23d. 20h. 30m. Waves in Declination (±4′) culminating at 24d. 19h. 15m. (+7′)

23d. 21 . 30m. Train of sharp small waves in V.F. till 25d. 0h.

TABLE II.—RESULTS of ABSOLUTE DETERMINATIONS of the MAGNETIC ELEMENTS during the MONTH of FEBRUARY 1926

Declination (West).		Horizontal Force (C.G.S. Unit)		Dip (South).					
				A. M. Observations.		Resulting Vertical Force. C. G. S. Units.	P. M. Observations.		Resulting Vertical Force C.G.S. Units
Day and Hour.	Observed Value.	Day and Hour.	Observed Value.	Day and Hour.	Observed Value.		Day and Hour.	Observed Value.	
d h m	° ′	d h m		d h m	° ′		d h m	° ′	
FEB. 1. 9.43	11.16·58	FEB. 5.11.50	·22846	FEB. 1. 9·33	52.32·87	·29816	FEB. 1.13.15	52.32.00	·29815
.13.07	11.11·50	·14·21	·22858	11.10.39	52.29·18	·29794	11·13.21	52.29.31	·29782
12· 9.03	11.16·37	12· 9·44	·22851	17. 8.59	52.31·50	·29829	17.13.22	52.28.75	·29809
.13.11	11.12·61	·12·14	·22868	24. 9.17	52.31·93	·29833	24.13.04	52.35.03	·29823
17. 9.12	11.22·02	19.10·11	·22857						
.13.09	11. 9·43	·14·26	·22843						
24. 9.31	11.15·17	26·10·01	·22791						
.12.52	11.12·40	·12·17	·22842						

TABLE III.—MAGNETIC DECLINATION (WEST) at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

FEBRUARY 1926.

Hour \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
	11° +																
Midnight	15'.9	15'.9	16'.0	17'.0	16'.2	16'.0	16'.0	16'.1	16'.0	16'.0	16'.0	17'.5	17'.3	16'.3	16'.3	16'.0	Midnight
1h	15.9	16.0	14.2	15.8	15.8	15.9	16.0	16.1	16.0	16.0	15.3	17.3	16.0	16.2	17.0	16.5	1h
2	16.0	15.9	14.5	14.2	15.8	15.7	16.1	16.1	16.1	16.0	15.3	15.0	15.8	16.0	15.8	15.0	2
3	16.0	15.8	16.0	15.8	15.8	15.5	16.1	16.2	16.3	16.0	15.8	17.7	16.0	16.5	15.8	15.3	3
4	16.8	16.0	16.8	15.5	16.0	15.7	16.3	16.3	16.7	16.2	16.0	17.5	16.1	16.0	15.9	16.0	4
5	17.0	16.5	16.2	15.7	16.0	16.0	16.6	17.0	16.3	16.3	16.0	17.7	16.7	15.8	16.0	16.2	5
6	17.3	17.2	17.0	16.1	15.2	16.1	16.8	18.0	16.7	17.0	16.5	17.0	17.0	16.1	17.8	18.0	6
7	18.7	17.2	18.3	18.0	17.0	18.1	18.0	21.0	19.0	20.0	19.3	17.3	21.0	18.0	21.5	22.0	7
8	18.4	19.3	19.0	18.5	18.3	18.3	18.0	22.0	19.2	20.7	20.0	17.7	22.5	18.8	20.8	24.0	8
9	17.0	19.0	20.0	20.1	20.0	18.1	17.2	20.0	18.0	19.0	19.8	17.0	18.0	19.2	19.8	23.0	9
10	15.7	17.0	18.0	21.3	20.2	18.1	18.0	18.0	16.2	18.0	18.0	16.1	16.2	17.7	18.0	20.2	10
11	14.0	15.7	16.1	19.0	19.2	18.0	18.3	16.0	15.5	15.5	17.3	15.0	14.1	14.0	16.2	17.0	11
Noon	13.0	14.8	15.0	17.8	17.0	16.7	18.2	14.0	14.7	14.0	15.0	14.0	12.0	11.7	14.0	14.0	Noon
13h	12.0	12.2	11.8	16.0	13.0	15.3	17.5	14.0	15.0	12.0	13.0	12.8	11.5	11.5	11.9	11.7	13h
14	10.7	11.8	10.2	14.0	10.0	13.2	14.7	14.1	14.7	12.0	12.5	13.3	11.0	11.2	11.0	11.2	14
15	10.0	12.1	10.2	12.5	9.0	13.0	12.2	13.3	14.5	13.0	13.0	14.0	11.3	11.0	10.5	10.8	15
16	12.0	12.8	10.2	12.7	10.0	12.5	12.0	13.0	13.3	14.0	13.7	14.0	12.3	11.7	12.0	10.8	16
17	14.0	14.5	13.3	14.0	12.2	13.0	12.2	12.2	13.0	14.3	13.9	15.0	14.0	13.0	14.0	12.2	17
18	15.0	15.5	15.3	16.0	14.5	14.0	14.0	13.3	13.8	14.8	14.0	15.8	15.5	15.0	16.0	15.5	18
19	15.5	15.5	15.9	16.0	15.9	14.8	15.0	14.3	14.3	14.5	15.0	15.9	15.3	15.9	16.2	15.5	19
20	15.3	15.3	15.9	16.3	15.9	15.2	15.0	15.0	14.7	14.3	15.7	15.7	15.3	15.9	15.3	15.5	20
21	15.8	15.5	16.0	16.1	16.0	15.2	15.5	15.2	15.0	14.2	15.8	15.9	16.0	17.3	15.7	15.8	21
22	16.2	15.9	16.8	16.3	15.9	15.3	15.7	15.5	15.3	14.5	14.8	15.8	16.0	17.1	16.0	15.8	22
23	16.0	16.1	16.1	16.7	15.8	15.9	16.0	15.8	15.8	15.8	16.5	16.5	16.0	17.2	16.5	15.9	23

Hour \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	...	...	...	Mean	Day. / Hour.
	11° +																
Midnight	15'.8	16'.2	...	17'.0	...	...	16'.2	19'.0	16'.0	16'.7	16'.1	16'.2	...	...	...	16'.4	Midnight
1h	15.7	16.2	...	16.8	...	...	17.0	20.0	17.5	17.0	17.0	16.4	...	...	...	16.4	1h
2	15.9	16.0	...	16.3	...	...	17.5	18.0	16.0	17.3	16.2	16.7	...	...	...	16.0	2
3	15.5	15.0	...	16.1	...	...	17.0	22.0	16.0	17.5	17.0	16.7	...	...	...	16.4	3
4	15.7	14.0	...	16.2	...	...	16.1	15.5	18.3	17.8	17.0	17.0	...	...	...	16.4	4
5	16.5	...	...	17.0	...	...	16.7	18.2	20.1	18.0	17.8	17.0	...	...	...	16.8	5
6	17.3	...	...	17.5	...	...	16.2	15.8	21.5	18.1	18.0	17.5	...	...	...	17.1	6
7	18.0	...	..	19.8	...	...	18.3	17.5	23.5	20.0	20.0	19.5	...	...	...	19.2	7
8	19.0	...	...	19.5	...	...	20.0	19.0	22.3	22.1	22.0	22.7	...	...	...	20.1	8
9	21.0	...	20.2	19.7	...	...	19.9	19.0	18.0	22.5	23.8	24.2	...	...	...	19.7	9
10	20.0	...	20.0	19.0	...	16.5	17.0	13.0	16.0	20.0	22.0	23.0	...	...	...	18.2	10
11	16.2	...	21.5	...	...	16.5	16.0	14.0	12.2	14.0	16.0	20.2	...	...	...	16.1	11
Noon	13.5	...	20.0	...	...	15.2	14.0	15.5	11.0	11.0	12.0	17.0	...	...	...	14.3	Noon
13h	10.0	...	18.0	...	...	13.8	14.1	14.0	12.0	10.3	9.0	14.0	...	...	...	12.8	13h
14	10.2	...	15.0	...	...	12.2	13.7	15.3	12.0	12.0	8.0	11.5	...	...	...	12.1	14
15	10.0	...	13.3	...	...	13.0	13.5	15.3	13.0	11.9	8.5	12.0	...	...	...	11.9	15
16	10.5	...	12.7	...	...	13.2	14.0	15.0	14.1	14.0	10.7	13.5	...	...	...	12.6	16
17	13.7	...	14.2	..	...	13.8	15.9	15.3	14.2	16.2	14.2	14.0	...	...	...	13.8	17
18	15.8	...	15.8	...	...	13.8	16.0	18.0	16.1	18.0	16.5	15.0	...	...	...	15.4	18
19	16.0	...	16.0	...	...	15.0	16.0	24.0	16.0	16.3	15.9	16.0	...	...	...	15.9	19
20	16.0	...	15.8	...	...	15.5	16.2	24.0	16.0	16.5	16.0	16.2	...	...	...	16.0	20
21	16.0	...	16.0	...	...	15.9	15.8	18.0	16.0	17.0	16.1	16.5	...	...	...	15.9	21
22	16.0	..	16.3	...	...	16.0	16.0	16.5	16.0	16.5	16.2	16.5	...	...	...	15.9	22
23	16.2	...	16.7	...	...	16.2	22.0	21.3	15.0	16.2	16.2	16.7	...	...	...	16.6	23

TABLE IV.—MAGNETIC HORIZONTAL FORCE at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber).

FEBRUARY 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
	·22000 + (C.G.S. UNIT.)																
Midnight	841	843	847	840	842	855	859	863	864	866	860	812	860	843	848	852	Midnight
1h	842	842	867	860	852	854	859	861	865	868	858	820	858	857	860	837	1h
2	843	845	859	870	852	859	859	862	866	870	860	840	859	850	850	860	2
3	846	850	855	849	857	859	859	860	866	872	857	851	860	859	850	845	3
4	849	851	857	850	851	859	860	861	866	872	852	859	859	857	849	840	4
5	849	853	854	853	853	860	860	860	865	870	852	840	857	857	850	843	5
6	850	858	850	858	853	860	862	862	867	871	856	835	860	855	850	840	6
7	856	859	849	858	858	867	869	873	870	880	860	829	859	853	850	840	7
8	854	859	841	868	853	870	878	879	872	890	864	820	859	860	860	842	8
9	840	860	841	870	852	871	881	886	879	897	873	817	862	865	860	846	9
10	838	859	841	862	850	871	883	890	885	917	878	813	861	870	861	858	10
11	840	856	850	850	851	870	880	890	890	910	873	818	862	860	867	858	11
Noon	848	845	852	849	851	864	867	891	889	892	872	820	867	860	856	860	Noon
13h	853	850	851	848	853	854	860	882	877	876	865	828	866	859	850	852	13h
14	850	850	829	843	850	849	858	875	876	862	857	830	860	859	840	860	14
15	839	851	833	845	850	845	855	878	870	863	852	839	860	860	847	859	15
16	840	850	748	840	856	847	863	872	870	871	868	840	850	846	850	860	16
17	850	842	843	836	852	851	868	867	871	862	860	840	825	850	847	860	17
18	839	849	851	851	850	858	866	865	872	865	850	840	826	837	840	859	18
19	838	851	840	840	850	859	861	866	871	865	835	848	830	823	842	858	19
20	840	852	839	830	850	859	862	862	871	868	819	850	839	834	840	857	20
21	846	853	845	845	852	855	861	861	868	865	813	842	842	845	846	853	21
22	843	845	866	850	858	858	863	863	869	869	810	839	855	849	849	852	22
23	837	847	850	853	855	860	862	865	865	873	790	845	847	840	850	858	23

Hour. \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	...	...	...	Mean	Day. / Hour
	·22000 + (C.G.S. UNIT.)																
Midnight	857	...	...	871	...	...	855	820	703	828	835	841	...	...	...	840·6	Midnight
1h	855	...	...	863	...	...	849	810	740	830	850	842	...	...	...	845·0	1h
2	856	...	...	868	...	...	848	830	762	831	845	843	...	...	...	848·7	2
3	861	...	...	864	...	...	843	830	760	832	843	844	...	...	...	848·2	3
4	859	...	...	861	...	...	850	850	763	833	843	844	...	...	...	849·3	4
5	858	...	...	862	...	...	850	830	760	835	841	844	...	...	...	847·6	5
6	858	...	...	865	...	.	852	839	768	833	840	848	...	...	...	848·9	6
7	861	...	...	869	...	...	857	850	770	830	840	849	...	...	...	851·6	7
8	864	...	...	869	...	...	859	860	764	825	839	845	...	...	...	853·3	8
9	868	...	...	873	...	...	852	869	779	810	839	841	...	...	...	854·7	9
10	877	...	861	877	...	855	850	877	779	792	840	847	...	...	...	856·5	10
11	882	...	870	...	...	860	852	865	770	812	842	852	...	...	...	856·5	11
Noon	890	...	870	...	...	868	855	840	761	830	845	856	...	...	..	854·8	Noon
13h	889	...	858	...	...	859	860	820	762	841	845	850	...	...	...	851·8	13h
14	890	...	850	...	...	846	866	781	763	828	845	847	...	...	...	846·4	14
15	884	...	852	...	...	862	863	748	775	825	840	844	...	...	...	844·6	15
16	870	..	851	...	...	860	860	738	788	818	834	843	...	...	...	844·4	16
17	860	...	846	...	...	851	857	664	800	797	832	840	...	...	...	838·0	17
18	862	...	852	...	...	850	860	652	810	803	839	830	...	...	...	838·0	18
19	855	...	858	...	...	850	862	652	820	820	840	830	...	...	...	837·2	19
20	860	...	859	...	...	850	850	660	822	821	841	837	...	...	...	837·5	20
21	850	...	861	...	...	837	900	681	824	830	839	842	...	...	...	841·7	21
22	865	...	867	...	...	824	830	702	826	839	840	845	...	...	...	842·8	22
23	868	...	874	...	...	836	820	700	821	835	840	849	...	...	...	840·4	23

TABLE V.—MAGNETIC VERTICAL FORCE AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(*The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber*).

FEBRUARY 1926.

·29000 + (C.G.S. UNIT).

Hour. / Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
Midnight	821	821	820	820	820	816	813	813	811	810	810	820	818	815	815	813	Midnight
1h	820	820	819	819	819	817	815	814	811	810	811	820	812	812	815	815	1h
2	820	820	816	817	819	817	816	815	811	811	811	812	811	812	812	815	2
3	820	819	820	818	819	817	816	816	812	811	812	818	811	812	812	811	3
4	820	820	820	818	819	817	815	816	812	811	813	818	811	812	812	812	4
5	820	820	820	817	819	818	815	817	813	812	815	818	814	812	812	812	5
6	820	820	820	818	818	818	815	819	814	814	818	819	816	816	816	817	6
7	823	820	822	819	819	820	818	821	818	820	820	820	820	819	820	821	7
8	819	824	822	820	820	819	819	819	811	819	819	818	813	820	819	820	8
9	813	820	820	820	820	817	819	810	805	818	810	820	802	813	810	813	9
10	809	818	815	820	818	817	820	803	802	812	800	817	798	808	803	806	10
11	808	810	810	817	810	813	821	799	805	803	790	811	795	797	801	800	11
Noon	809	806	804	814	801	809	820	798	805	801	784	810	793	793	801	797	Noon
13h	808	808	798	810	798	808	816	797	806	802	770	808	792	800	800	797	13h
14	806	809	799	805	794	806	810	799	802	803	770	809	794	802	800	799	14
15	806	810	800	803	796	805	803	801	801	809	785	808	799	802	800	798	15
16	812	813	801	806	800	802	804	802	801	810	790	810	800	802	802	795	16
17	819	819	809	811	806	803	809	802	803	810	798	811	802	809	808	801	17
18	820	819	814	818	813	807	813	808	807	811	800	813	810	812	810	809	18
19	820	818	816	817	815	810	815	810	809	811	807	813	810	813	811	808	19
20	820	818	817	818	814	810	814	810	810	811	810	813	812	814	811	808	20
21	820	818	819	819	814	811	814	810	810	811	813	813	814	817	812	809	21
22	822	819	820	820	815	812	814	810	810	811	814	817	814	814	813	810	22
23	823	821	819	820	816	813	814	811	810	812	819	818	815	816	818	811	23

·29000 + (C.G.S. UNIT).

Hour. / Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	..	...	...	Mean	Day / Hour.
Midnight	811	812	813	811	811	816	814	821	836	822	820	819	...	...	...	816·5	Midnight
1h	811	811	813	811	811	813	812	823	838	822	820	818	...	...	...	816·1	1h
2	811	810	813	811	812	811	813	823	833	822	819	817	...	...	...	815·4	2
3	810	810	813	811	812	811	813	823	833	822	820	817	...	...	...	815·7	3
4	810	808	813	811	812	812	813	823	837	821	820	817	...	...	...	815·8	4
5	811	810	812	811	811	812	816	821	839	823	820	818	...	...	...	816·4	5
6	812	813	813	811	811	812	817	820	840	823	821	819	...	...	...	817·5	6
7	820	815	819	814	811	813	819	825	841	826	825	824	...	...	...	820·4	7
8	819	817	821	812	812	816	820	826	841	828	828	829	...	...	...	820·4	8
9	814	813	820	811	812	811	812	812	830	826	827	828	...	...	...	815·9	9
10	810	810	820	809	818	803	805	810	820	817	815	820	...	...	..	811·5	10
11	804	810	819	807	820	801	800	811	819	805	800	809	..	...	...	807·0	11
Noon	800	810	812	806	818	804	798	819	820	799	794	800	...	...	...	804·5	Noon
13h	798	813	810	805	815	803	799	821	826	800	791	797	...	...	...	803·4	13h
14	794	818	808	802	811	801	800	822	827	804	799	798	...	.	..	803·2	14
15	796	818	807	801	808	801	803	828	826	812	808	800	...	...	...	804·8	15
16	800	816	808	803	806	804	809	827	825	820	815	808	...	...	...	806·8	16
17	809	819	810	808	809	808	812	831	823	829	822	810	...	...	...	811·1	17
18	810	819	813	809	810	809	813	841	824	830	823	812	...	...	...	814·2	18
19	810	814	812	808	811	810	811	845	822	823	820	817	...	...	...	814·5	19
20	807	811	810	808	811	811	811	843	822	822	819	818	...	...	...	814·4	20
21	806	812	810	810	812	812	813	840	822	823	819	817	...	...	...	815·0	21
22	810	812	811	811	813	811	805	837	822	821	820	817	...	...	...	815·2	22
23	813	814	812	812	814	813	820	843	822	821	819	817	...	...	...	817·0	23

TABLE VI.—RESULTS of METEOROLOGICAL OBSERVATIONS made at the AEROLOGICAL STATION Vacoas (424·5 metres above mean sea-level) during the MONTH of FEBRUARY 1926.

Month and Day 1926	Observations at 10 a.m.								Temperature of the Air.			Amount of Cloud (Scale 0—10)	Amount of Rain measured at 10 a.m.	Duration of Bright Sunshine	Percentage of Possible Sunshine.
	Atmospheric Pressure.	Temperature of the Air.	Excess of Air Temperature over Evaporation	Temperature of the Dew Point.	Relative Humidity (Sat: 100)	Tension of Aqueous Vapour.	Wind. Direction in degrees.	Wind. Velocity.	Highest.	Lowest.	Range.				
	mbs.	C	C	C	%	mbs.		m.p.s.	C	C	C		m.m.	hrs.	
FEB. 1	966·4	24·9	1·8	21·8	83	25·9	247	4·3	26·6	22·4	4·2	9·6	4·7	7·5	58
2	965·3	25·2	2·0	21·8	82	25·9	259	3·7	27·3	21·6	5·7	8·8	2·7	8·6	67
3	964·9	24·1	1·4	21·7	86	25·7	247	5·9	26·1	21·0	5·1	9·6	3·0	7·2	56
4	965·7	24·9	1·9	21·7	82	25·7	236	5·3	26·4	22·0	4·4	8·8	18·7	7·5	58
5	966·8	25·5	2·0	22·1	81	26·3	191	1·0	26·3	21·6	4·7	9·6	3·8	7·8	60
6	967·8	25·8	2·4	21·7	78	25·7	180	0·6	27·1	21·4	5·7	8·1	2·6	9·0	70
7	967·2	25·9	1·9	22·7	82	27·3	180	0·6	26·0	21.0	5·0	9·2	0·0	4·6	36
8	965·8	25·5	2·7	20·9	76	24·5	213	0·6	26·0	21·3	4·7	9·6	21·5	2.8	22
9	965·2	25·1	3·1	19·8	73	22·9	259	5·0	26·3	19·7	6·6	9·7	26·1	4·7	37
10	965·4	25·2	2·9	20·3	74	23·6	247	1·0	26·9	20·6	6·3	8·5	11·5	7·4	58
11	966·5	26·0	3·2	20·6	72	24·0	236	1·2	27·7	20·8	6·9	8·8	0·0	6·5	51
12	965·6	26·7	3·7	20 5	69	23·9	247	3·5	27·3	21·7	5·6	7·9	0·0	8·5	66
13	961·5	27·0	3·3	21·5	72	25·4	259	0·6	28·3	21·6	6.7	5·4	2·1	5·3	41
14	961·5	24·4	0·4	23·7	96	29·0	67	3·5	27·5	21·1	6·4	7·9	3·5	5.1	40
15	963·2	25·2	3·2	19·7	72	22·7	337	0·9	27·0	20·7	6·3	2·0	0·0	11 5	91
16	966·2	23·9	2·9	18·9	73	21·6	315	3·0	25·9	20·3	5·6	3·2	2·5	10·1	80
17	966·2	25·0	4·8	16·8	60	18·9	281	1·9	26·0	17·6	8·4	3·2	0·0	9·2	72
18	966·0	25·9	5·4	16·8	57	18·9	292	8·0	27·4	18·6	8·8	1·1	0·0	11·5	91
19	966·7	26·0	3·8	19·6	68	22·6	281	5·5	27·1	20·6	6·5	1·9	0·0	10·8	86
20	967·3	23·4	0·2	23·1	98	28·0	270	4·8	28·4	19.2	9·2	6·9	4·0	6.6	52
21	966·0	25·9	2·9	21·0	74	24·6	259	4·7	27·2	19.3	7·9	6·3	1·0	6·6	52
22	967·6	23·7	1·7	20·8	84	24·3	281	4·9	24·1	20·0	4·1	8·5	4·0	4·9	39
23	967·3	24·8	3·7	18·5	68	21·1	270	6·3	25·9	20·3	5·6	5·2	7·1	10·6	84
24	967·2	25·4	3·7	19·1	68	21·9	292	3·0	27·1	19·6	7·5	2·0	0·0	11·2	89
25	967·1	25·0	1·9	21·8	82	25·9	281	6·5	26·9	20·8	6·1	7·5	0·0	10·3	82
26	965·9	23·9	0·9	22·4	91	26·8	259	3·6	26·1	21·9	4·2	7·7	13·5	6·1	49
27	966·7	25·9	2·3	22·0	79	26·2	259	0·6	27·6	21·6	6·0	9·7	4·5	2·5	20
28	966·4	26·2	2·4	22·1	78	26·3	259	2·0	28·5	21·7	6·8	8·6	0·0	7·2	58
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean	965·9	25·2	2·6	20·8	77·3	24·5	268·°	2.8	26·8	20·7	6·1	7·0	Sum 136·8	7·55	59·3
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

EXCESS OF CERTAIN ELEMENTS AT PAMPLEMOUSSES OVER THE CORRESPONDING ELEMENTS AT VACOAS.

Mean of the month at 10 a.m.	Atmospheric Presssure	+41·8 mbs
	Temperature of the Air	+ 3·0 C.
	Vapour Tension	+ 1·2mbs
	Relative Humidity	+ 9·3 %
	Direction of Wind	7·2° N.
	Velocity of Wind	+ 0·3 mps.
	Amount of cloud	— 1·1
	Amount of rain	—62·4 m.m.
	Duration of sunshine	+40.6 hrs.
	Mean of highest temperatures	+3·3 C.
	Mean of lowest temperatures	+2·7 C.
	Absolute highest temperature	+4·3 C.
	Absolute lowest temperature	+2·7 C

* South (0); West (8); North (16); East (24)

TABLE VII.—DAILY RESULTS OF METEOROLOGICAL OBSERVATIONS made during the month of FEBRUARY 1926.

Month and Day 1926.	Atmospheric Pressure		Temperature of the Air. (in degrees Centigrade.)					Excess of Air Temp. over Evaporation Temp.	Temperature of the Dew Point. (Centigrade.)		Degree of Humidity (Saturation=100)		Elastic Force of Vapour	Lowest Temperature on the Grass. (Cent.)	Rainfall.		Amount of Evaporation	Mean Amount of Cloud (Scale 0—10.)
	Mean	Excess above Average	Highest	Lowest.	Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average			Amount recorded by the Beckley Pluviograph.	Duration.		
FEB.	mbs.	mbs.	c	c	c	c	c	c	c	c			mbs.	c	mm.	min.	mm.	
1	1007·7	+ 3·1	29·0	24·8	4·2	26·6	+ 0·6	2·0	23·2	+ 1·5	81	+ 3	28·1	22·8	6·7	45	8·5	7·5
2	1006·5	+ 1·9	28·9	24·1	4·8	26·1	+ 0·1	2·1	22·6	+ 0·9	81	+ 3	27·2	21·8	4·1	30	5·6	7·3
3	1006·1	+ 1·5	28·8	24·1	4·7	26·0	+ 0·1	2·1	22·5	+ 0·8	81	+ 3	27·0	22·1	12·9	60	10·1	7·5
4	1006·8	+ 2·2	29·7	24·0	5·7	26·8	+ 0·9	2·3	22·9	+ 1·2	79	+ 1	27·6	22·8	4·2	30	6·7	8·0
5	1008·1	+ 3·6	31·2	24·3	6·9	27·0	+ 1·1	2·1	23·5	+ 1·8	81	+ 2	28·7	22·0	8·3	55	6·3	7·5
6	1008·1	+ 3·6	31·6	24·1	7·5	27·4	+ 1·5	2·3	23·5	+ 1·7	80	+ 1	28·7	21·2	0·9	5	5·9	5·8
7	1008·3	+ 3·8	29·9	23·7	6·2	25·9	0·0	1·5	23·4	+ 1·6	86	+ 7	28·5	20·9	5·8	40	4·8	7·2
8	1007·2	+ 2·7	29·7	23·0	6·7	25·3	— 0·6	1·9	22·1	+ 0·3	82	+ 3	26·3	20·5	6·3	55	4·3	8·3
9	1006·7	+ 2·2	29·3	23·5	5·8	26·0	+ 0·1	2·4	21·9	+ 0·1	78	— 1	26·0	19·9	0·8	25	5·3	8·2
10	1006·7	+ 2·3	30·5	23·0	7·5	26·1	+ 0·2	2·6	21·7	— 0.1	77	— 2	25·7	19·7	0·9	10	6·3	5·5
11	1007·2	+ 2·8	30·5	23·6	6·9	26·4	+ 0·5	2·5	22·2	+ 0·4	78	— 1	26·5	21·7	0·0	...	6·0	6·5
12	1004·7	+ 0·3	31·4	23·8	7·6	27·3	+ 1·4	2·8	22·6	+ 0·7	76	— 3	27·2	22·2	0·0	...	7·0	4·6
13	1002·7	— 1·7	32·8	24·1	8·7	27·5	+ 1·7	2·7	23·0	+ 1·1	77	— 2	27·8	21·3	0·0	...	6.0	4·3
14	1002·4	— 2·1	31·0	24·0	7·0	27·2	+ 1·4	2·7	22·7	+ 0·8	76	— 3	27·3	20·6	0·0	...	7·0	5·2
15	1004·6	+ 0·1	32·0	21·5	10·5	26·5	+ 0·7	4·0	19·7	— 2·2	66	— 13	22·7	17·9	0·0	...	7·0	2·6
16	1007·0	+ 2·5	30·2	21·1	9·1	25·5	— 0·3	3·5	19·5	— 2·4	69	— 10	22·4	19·0	0·9	25	7·7	3·2
17	1007·3	+ 2·8	29·8	20·3	9·5	25·0	— 0·8	3·7	18·7	— 3·2	68	— 12	21·4	17·0	0·0	...	7·0	3·3
18	1007·6	+ 3·1	29·9	21·0	8·9	26·0	+ 0·2	4·0	19·2	— 2·7	66	— 14	22·0	17·8	0·0	...	7·2	3·8
19	1008·2	+ 3·7	30·0	24·0	6.0	26·5	+ 0·7	3·8	20·1	— 1·8	68	— 12	23·3	21·3	0·0	...	6·6	3·7
20	1008·3	+ 3·8	30·0	23·7	6·3	26·1	+ 0·4	3·1	20·9	— 1·0	73	— 7	24·5	21·3	0.4	5	6·9	5·1
21	1008·4	+ 3·9	29·2	23·0	6·2	25·9	+ 0·2	2·4	21·8	— 0·1	78	— 2	25·9	22·0	6·4	100	6·7	6·8
22	1008·7	+ 4·1	28·7	24·0	4·7	25·6	— 0·1	2·1	22·1	+ 0·2	81	+ 1	26·3	20·8	7·4	105	7·6	7·6
23	1008·4	+ 3·8	28·6	22·6	6·0	25·4	— 0·3	3·5	19·4	— 2·5	69	— 11	22·3	19·9	0·0	...	7·0	2·7
24	1007·8	+ 3·1	30·0	22·7	7·3	26·0	+ 0·3	3·5	20·1	— 1·8	70	— 10	23·3	20·1	0·0	...	7·5	2·9
25	1007·6	+ 2·9	30·5	24·3	6·2	26·5	+ 0·8	2·4	22·4	+ 0·5	78	— 2	26·8	22·7	0·6	20	7·6	4·1
26	1006·6	+ 1·9	29·8	24·3	5·5	26·2	+ 0·6	1·7	23·3	+ 1·4	84	+ 4	28·3	23·0	4·6	50	5·6	7·4
27	1007·1	+ 2·3	30·0	23·8	6·2	26·2	+ 0·6	1·8	23·2	+ 1·3	83	+ 3	28·1	21·4	2·9	30	3·9	9·3
28	1007·1	+ 2·3	30·8	24·0	6·8	26·8	+ 1·2	2·1	23·3	+ 1·4	81	+ 1	28·3	22·3	0·3	5	6·3	8·0
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean	1006·9	+ 2·4	30·1	23·4	6·8	26·3	+ 0·5	2·6	21·5	— 0·3	76·7	— 2·6	26·0	20·9	Sum 74·4	Sum 695	6·6	5·8
Aver.	1004·5	...	29·7	22·8	6·9	25·8	..	2·3	21·8	...	79·3	...	25·9	20·5	213·3	2124	5·3	6·0
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

GENERAL WEATHER CONDITIONS DURING THE MONTH OF FEBRUARY 1926.

Weather conditions during February were characterized by marked anti-cyclonic conditions.

Pressure was considerably above normal on all days except the 13th and the 15th; in the mean, it was 2.4 mbs above normal.

Temperature of the air was above normal on 22 days and 0.5C above, in the mean.

The percentage of relative humidity was generally low and exceptionally so between the 15th and the 24th.

The duration of bright sunshine, at the Observatory, was 21.5% above normal. Wind velocity was 0.36 m.p.s. below normal in the mean. No cyclonic disturbance was in evidence in the vicinity of the Island during the month.

Lightning was seen on 14th, 15th, and 26th and thunder heard on the 9th, 13th, 14th and 27th.

At the Observatory, rainfall was 65% below average. The percentage variation for the different districts of the Island was as follows:—

Northern Districts	River System 1,	53% below
Eastern Districts	,, ,, 2, 3, 4,	42% ,,
South-Eastern Districts	,, ,, 5 & 6	44% ,,
Western Districts	River System 11	37% below
	,, ,, 12	48% ,,
	,, ,, 13	75% ,,

May 11th, 1926

TABLE VII.—DAILY RESULTS of METEOROLOGICAL OBSERVATIONS made during the month of FEBRUARY 1926.

Month and Day 1926.	Duration of Bright Sunshine.	Percentage of Possible Sunshine.	Wind: Components. North.	Wind: Components. East.	Wind: Resultant. Direction*.	Wind: Resultant. Velocity.	Wind: Observed Velocity. Mean.	Wind: Observed Velocity. Excess above Average.	Temperature of the Soil at a depth of. 10 Feet.	5 Feet.	2 Feet.	12 inches	6 inches	3 inches	Weather
FEB.	hrs.	%	m.p.s.	m.p.s.	°	m.p.s.	m.p.s	m.p.s	c	c	c	c	c	c	
1	9·7	75	+ 1·2	+ 4·1	254	4·2	4·3	+ 0·8	25·3	26·7	28·4	28·9	28·3	28·7	cp : cq : cp .
2	6·1	47	+ 0·8	+ 2·8	254	2·9	3·0	— 0·5	25·3	26·7	28·5	29·1	28·3	28·5	cp : c : cp .
3	9·3	72	+ 1·1	+ 3·6	253	3·7	3·9	+ 0·4	25·3	26·5	28·5	28·9	28·1	28·3	cp : cpq : cgp .
4	10·9	85	+ 1·9	+ 3·6	242	4·0	4·2	+ 0·7	25·3	26·7	28·5	28·8	28·2	28·4	cgp : cpq : c .
5	10·3	80	+ 2·5	+ 0·5	191	2·5	2·8	— 0·6	25·3	26·7	28·6	29·1	28·4	28·7	ogp : c : cp .
6	11·0	85	+ 1·8	+ 0·7	201	1·9	2·1	— 1·3	25·3	26·6	28·6	29·3	28·7	29·0	cp : f : c : f.
7	2·5	19	+ 1·6	— 0·2	173	1·6	1·7	— 1·7	25·3	26·7	28·7	29·3	28·5	28·5	c : cp : f.
8	3·6	28	+ 0·4	+ 0·9	246	0·9	2·2	— 1·2	25·3	26·8	28·8	29·0	27·8	27·7	f : c : op : o .
9	6·5	51	— 0·1	+ 2·8	272	2·8	3·[illegible]	— 0·4	25·4	26·6	28·7	28·7	27·7	27·9	cgp : c : ct : c : f.
10	8·6	67	+ 0·3	+ 2·0	261	2·0	2·1	— 1·3	25·4	26·8	28·7	28·9	28·1	28·4	cp : f : c : f.
11	9·1	71	+ 0·6	+ 1·8	252	1·9	1·9	— 1·5	25·4	26·8	28·6	29·3	28·7	29·3	c : f .
12	10·8	84	+ 0·7	+ 1·8	249	1·9	2·0	— 1·4	25·4	26·8	28·7	29·5	29·2	29·8	c : f : b .
13	8·1	63	0·0	— 0·2	90	0·2	1·7	— 1·7	25·4	26·8	28·8	29·6	29·7	30·2	b : f : ct : b .
14	8·5	67	— 1·1	— 2·5	66	2·7	2·9	— 0·5	25·4	26·8	28·9	29·5	29·6	30·2	b : f : c : clt : b.
15	10·4	82	— 1·8	+ 1·1	329	2·1	2·5	— 0·9	25·4	26·9	28·9	29·5	29·6	29·9	fl : f : b .
16	10·8	85	— 2·0	+ 2·4	310	3·1	3·2	— 0·2	25·4	26·9	29·0	29·2	29·2	29·3	f : cp : f : b .
17	10·5	83	— 1·2	+ 2·2	299	2·5	2·6	— 0·8	25·3	26·8	28·9	29·0	28·9	28·9	f : b.
18	11·7	92	— 1·2	+ 3·4	289	3·6	3·7	+ 0·3	25·6	26·9	28·8	28·9	28·8	28·6	b : f : c.
19	11·5	91	— 1·5	+ 4·1	290	4·3	4·5	+ 1·1	25·6	26·9	28·7	29·1	29·0	29·0	f : fq : f .
20	10·3	82	— 1·0	+ 3·7	285	3·8	4·3	+ 0·9	25·4	26·9	28·7	29·1	28·9	28·8	f : cp : cq : b .
21	9·1	72	— 0·2	+ 3·1	274	3·1	3·3	— 0·1	25·6	26·9	28·7	28·8	28·7	28·8	b : cp : c
22	6·9	55	— 0·6	+ 4·2	278	4·2	4·4	+ 1·0	25·4	26·9	28·7	28·9	28·4	28·1	cp : c : cp : c.
23	11·3	90	— 1·1	+ 3·5	287	3·6	3·7	+ 0·3	25·4	27·0	28·7	28·4	27·9	27·7	f : b .
24	11·6	92	— 1·5	+ 3·4	294	3·7	3·7	+ 0·3	25·6	26·9	28·6	28·4	28·0	28·0	b : f : b.
25	10·4	83	— 1·5	+ 3·8	292	4·1	4·2	+ 0·8	25·6	26·9	28·5	28·6	28·5	28·7	b : f : fq : f .
26	9·1	73	— 0·4	+ 3·2	277	3·2	3·3	— 0·1	25·5	27·0	28·6	28·7	28·8	28·9	c : cp : c : cl .
27	3·7	30	+ 0·6	+ 1·3	245	1·4	1·9	— 1·5	25·5	27·0	28·6	29·0	28·8	28·9	cp : c : cpt: og .
28	9·8	78	+ 0·2	+ 2·3	265	2·3	2·3	— 1·1	25·6	27·0	28·6	28·9	28·8	28·8	og : c : cp .
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Mean	9·00	70·7	—0·05	+2·26	271·3	2·26	3·05	—0·36	25·42	26·82	28·68	29·02	28·64	29·14	...
Average	7·41	58·3	—0·31	+2·24	277·9	2·26	3·41	...	25·09	26·92	...	...	28·32	28·34	...
Column	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33

MEANS AND EXTREMES OF CERTAIN METEOROLOGICAL ELEMENTS DURING THE MONTH OF FEBRUARY 1926.

Element	Highest			Date	Lowest			Date
Atmospheric Pressure	1010·3mbs	at	22h	on 22nd	1001·2mbs	at	15h	on 14th
Temperature of the Air	32·8C	at	12·00	on 13th	20·3C	at	2.30m	on 17th
Daily range of temperature of the Air...	10·5C		...	on 15th	4·2C		...	on 1st
Temperature of the Dew Point	25·0C	at	12h	on 7th	16·7C	at	11h	on 17th
Daily range of temperature of the Dew Point	4·2C		...	on 27th	1·7C		...	on 6th
Relative humidity...	94·5%	at	7h	on 10th	47·5%	at	11h	on 17th
Wind Velocity	7·9 m.p.s.	at	12h	on 19th	0·6mps		often	often
Rainfall	16·4mm.	ending	11h	on 4th	...		...	...
Temperature of the soil at 3 ins. ...	32·2C	at	18h	on 14th	26·1C	at	6h	on 23rd
,, ,, at 6 ins. ...	31·0C	at	18h	on 13th	27·0C	at	9h	on 24th
Duration of sunshine...	11·7 hrs.		...	on 18th	2·5 hrs.		...	on 7th
Amount of Evaporation in 24 hours	10·1 mm.		...	on 3rd	3·9 m.m.		...	on 27th,
Vapour Tension	31·4mbs	at	12h	on 7th	18·8 mbs	at	11h	on 17th
Minimum on Grass	...		...	...	17·0C		...	on 17th

Number of Days Overcast, 12, Clear 3, of Rain 18, of Lightning 3, of Thunderstorm 4

Mean Day Temperature of Air 28·06C Average 27·63C, Mean Night Temperature of Air 24·58C Average 24·11C

*South (0°); West (90°); North (180°); East (270°).

TABLE VIII.—ATMOSPHERIC PRESSURE IN MILLIBARS AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(The values are corrected for temperature and for the effect of gravity, but are not reduced to sea level. (The cistern of the barometer is 55·2 metres above mean sea-level.)

FEBRUARY 1926.

When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.

Hour \ Day	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour
Midnight	0087	0083	0070	0070	0076	0090	0090	0086	0071	0068	0086	0071	0046	0030	0039	0070	Midnight
1h	0080	0080	0067	0068	0077	0083	0085	0080	0067	0063	0080	0067	0039	0029	0035	0066	1h
2	0078	0073	0060	0060	0072	0080	0081	0072	0060	0060	0070	0058	0032	0023	0033	0062	2
3	0075	0070	0056	0055	0070	0073	0080	0069	0058	0059	0066	0054	0026	0020	0031	0060	3
4	0071	0070	0052	0054	0069	0071	0078	0064	0059	0058	0066	0051	0023	0019	0032	0061	4
5	0075	0069	0055	0058	0070	0073	0079	0064	0057	0058	0068	0050	0026	0020	0035	0067	5
6	0080	0072	0060	0067	0075	0079	0080	0069	0060	0064	0070	0051	0030	0022	0040	0073	6
7	0084	0072	0067	0071	0081	0084	0087	0073	0070	0070	0075	0055	0032	0027	0044	0080	7
8	0087	0071	0070	0076	0087	0088	0093	0079	0070	0071	0080	0058	0033	0028	0049	0080	8
9	0084	0070	0071	0078	0089	0092	0094	0080	0075	0073	0084	0059	0036	0029	0050	0082	9
10	0081	0070	0070	0077	0090	0096	0092	0079	0076	0073	0083	0057	0032	0029	0050	0083	10
11	0078	0067	0068	0075	0088	0091	0090	0076	0074	0072	0079	0054	0029	0025	0048	0080	11
Noon	0078	0061	0063	0070	0085	0085	0083	0072	0070	0069	0077	0048	0024	0022	0041	0075	Noon
13h	0070	0059	0054	0069	0080	0080	0079	0070	0067	0061	0070	0040	0021	0018	0040	0070	13h
14	0070	0053	0050	0063	0079	0071	0077	0068	0064	0060	0062	0031	0026	0015	0035	0064	14
15	0067	0048	0049	0061	0076	0070	0074	0063	0060	0058	0057	0029	0020	0012	0034	0059	15
16	0063	0041	0045	0059	0075	0068	0072	0070	0059	0055	0058	0030	0019	0013	0034	0055	16
17	0063	0043	0047	0060	0074	0068	0072	0070	0060	0058	0059	0030	0018	0014	0039	0057	17
18	0068	0050	0051	0061	0078	0070	0072	0070	0067	0060	0062	0031	0019	0016	0049	0061	18
19	0072	0059	0059	0065	0083	0077	0078	0070	0070	0068	0070	0033	0020	0021	0058	0070	19
20	0080	0068	0062	0069	0090	0081	0082	0072	0071	0071	0077	0041	0021	0027	0063	0071	20
21	0084	0070	0069	0076	0093	0090	0086	0075	0074	0080	0079	0049	0022	0033	0070	0075	21
22	0085	0074	0070	0079	0094	0091	0090	0080	0075	0085	0080	0051	0027	0039	0070	0079	22
23	0084	0075	0071	0079	0092	0091	0090	0075	0073	0087	0077	0051	0030	0040	0071	0076	23

When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.

Hour \ Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	...	...	...	Mean	Day / Hour
Midnight	0079	0078	0088	0096	0083	0094	0096	0086	0090	0076	0071	0074	...	...	...	1007·7	Midnight
1h	0074	0071	0084	0090	0079	0089	0090	0080	0083	0069	0069	0070	...	..	...	1007·2	1h
2	0070	0069	0079	0088	0073	0080	0086	0075	0079	0061	0068	0064	...	...	...	1006·7	2
3	0069	0070	0078	0082	0071	0076	0082	0070	0075	0060	0061	0061	...	...	...	1006·3	3
4	0069	0070	0076	0080	0071	0079	0085	0070	0070	0055	0059	0063	...	...	...	1006·2	4
5	0070	0071	0075	0081	0075	0080	0086	0072	0071	0058	0060	0067	...	...	...	1006·4	5
6	0073	0078	0080	0082	0080	0083	0090	0077	0073	0060	0068	0071	...	...	...	1006·8	6
7	0080	0080	0086	0089	0089	0089	0093	0082	0080	0067	0070	0075	...	...	...	1007·3	7
8	0081	0083	0087	0092	0089	0090	0096	0089	0081	0073	0077	0079	...	...	...	1007·6	8
9	0083	0081	0088	0095	0090	0093	0096	0090	0081	0075	0078	0080	...	..	...	1007·8	9
10	0080	0081	0081	0091	0090	0092	0093	0088	0083	0076	0081	0078	...	...	...	1007·7	10
11	0079	0079	0080	0091	0090	0093	0090	0082	0081	0071	0080	0074	...	...	...	1007·4	11
Noon	0075	0074	0076	0090	0089	0090	0087	0079	0079	0069	0075	0070	...	...	...	1007·1	Noon
13h	0069	0070	0072	0080	0080	0085	0080	0076	0072	0062	0070	0067	...	...		1006·5	13h
14	0070	0070	0071	0071	0079	0080	0076	0070	0068	0059	0069	0064	...	...	..	1006·2	14
15	0065	0065	0070	0069	0077	0077	0070	0064	0064	0051	0069	0060	...	...	...	1005·9	15
16	0061	0063	0069	0069	0073	0076	0068	0065	0061	0053	0070	0060	...	...	...	1005·7	16
17	0060	0067	0071	0069	0073	0079	0069	0067	0067	0059	0068	0063	...		...	1005·9	17
18	0068	0072	0080	0072	0079	0083	0074	0070	0069	0063	0071	0070	...	...	...	1006·3	18
19	0070	0080	0085	0079	0085	0089	0080	0077	0071	0069	0076	0077	...	...	...	1006·8	19
20	0074	0087	0091	0081	0093	0097	0082	0081	0079	0074	0078	0075	...	...	...	1007·3	20
21	0076	0090	0099	0083	0100	0100	0084	0086	0080	0075	0078	0081	...	..	..	1007·7	21
22	0080	0091	0100	0085	0100	0103	0088	0089	0083	0079	0071	0086			...	1007·9	22
23	0080	0090	0100	0086	0100	0100	0088	0090	0081	0075	0076	0083	...		...	1007·9	23

TABLE IX.—AMOUNT OF CLOUD at every HOUR of the DAY (0 = CLEAR SKY, 10 = OVERCAST SKY).

Hour. \ Day.	FEBRUARY 1926.																														
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	...	...	...	Mean.
Midnight	4	9	6	10	10	9	6	4	9	6	8	6	1	2	0	0	3	0	4	3	0	3	3	1	1	5	7	10	...	...	...	4·6
1h	4	9	5	9	10	6	8	5	9	8	9	7	1	2	1	0	2	1	2	3	0	4	2	1	1	8	8	10	...	...	...	4·8
2	5	10	7	10	10	4	8	7	9	9	9	8	1	2	1	0	4	2	2	4	0	4	1	1	1	7	9	10	...	...	...	5·2
3	8	9	8	10	10	2	9	9	10	1	9	8	1	3	1	1	2	4	2	5	1	4	1	1	1	7	10	10	...	...	...	5·2
4	7	10	6	9	9	3	8	7	10	2	8	7	1	5	1	4	2	2	2	7	2	9	3	1	2	8	9	10	...	...	...	5·5
5	6	9	5	9	8	4	6	6	10	2	7	8	2	6	1	9	3	2	3	4	6	9	3	3	5	7	9	9	...	...	...	5·7
6	6	7	2	8	5	3	7	7	10	4	8	8	4	8	3	10	4	2	3	4	10	8	4	3	4	4	9	9	...	...	...	5·9
7	9	7	9	9	4	4	7	6	10	5	8	5	4	10	2	10	4	2	4	5	10	7	4	3	5	6	9	7	...	...	...	6·3
8	8	7	6	9	8	5	8	7	10	4	8	3	5	8	2	2	3	0	3	7	10	7	5	2	5	7	10	6	...	...	...	5·9
9	7	9	6	8	9	6	9	6	9	4	8	3	6	8	0	3	3	0	5	8	9	7	6	2	6	7	10	5	...	...	...	6·1
10	7	8	7	8	8	7	9	6	10	5	7	5	5	6	1	5	5	1	5	9	8	8	5	2	6	8	9	6	...	...	...	6·3
11	7	8	7	8	7	8	9	8	8	4	7	6	6	6	4	3	4	2	5	9	8	8	6	4	5	8	9	8	...	...	...	6·5
Noon	7	9	10	7	8	7	9	9	8	4	7	4	5	7	5	4	4	3	4	8	9	9	3	5	7	7	9	9	...	...	...	6·7
13h	6	7	9	7	7	7	9	10	8	3	6	5	7	6	6	3	4	7	4	8	9	8	3	6	6	7	10	9	...	...	...	6·7
14	7	7	7	7	6	8	9	10	9	6	6	6	9	6	7	4	7	6	4	8	9	9	3	6	6	6	9	8	...	...	...	7·0
15	9	7	7	8	5	7	9	10	9	8	4	6	9	6	8	4	7	4	5	9	9	10	3	3	6	5	8	8	...	...	...	6·9
16	8	7	7	8	6	7	9	10	9	9	5	5	8	6	7	3	6	4	5	7	9	10	3	4	5	7	9	8	...	...	...	6·8
17	9	7	8	8	8	8	9	10	9	9	6	4	8	7	6	3	4	3	6	5	9	10	2	5	5	8	10	9	...	...	...	7·0
18	9	8	9	7	9	9	9	10	9	9	6	3	7	8	4	2	3	4	8	4	9	10	1	4	4	9	10	9	...	...	...	6·9
19	9	7	8	5	10	7	8	10	8	8	5	2	5	8	2	1	3	6	5	3	8	9	1	3	4	10	10	7	...	...	...	6·1
20	8	5	9	4	10	5	5	10	7	5	4	1	4	4	1	1	4	8	3	2	8	6	1	5	4	10	10	3	...	...	...	5·2
21	9	3	9	7	3	4	2	10	2	4	3	1	1	2	0	0	1	10	2	1	7	9	1	2	3	10	10	8	...	...	...	4·4
22	9	4	10	8	4	5	1	10	2	5	4	1	2	1	0	2	0	9	1	0	6	8	1	1	2	8	10	6	...	...	...	4·3
23	9	4	10	10	7	6	2	9	4	6	4	1	1	0	0	1	0	7	2	0	5	6	1	1	2	8	10	8	...	...	...	4·4

TABLE X.—DURATION of BRIGHT SUNSHINE at every HOUR of the DAY as recorded by the CAMPBELL-STOKES SUNSHINE RECORDER.

Hour* Ending \ Day.	FEBRUARY 1926.																														
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	...	...	...	Total.
	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	hrs.
6h	0	0	0	0	0	10	0	0	0	0	0	2	5	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	...	..	...	0·3
7	18	19	33	50	30	55	15	50	0	30	0	58	60	4	60	0	54	60	50	27	0	47	19	40	25	14	45	25	...	...	...	14·8
8	50	55	60	53	59	60	57	20	8	35	35	60	60	9	60	57	59	60	60	42	55	60	55	60	52	25	58	60	...	...	...	23·1
9	60	59	55	58	53	60	30	41	50	60	10	60	60	38	60	60	60	60	60	50	60	60	60	60	59	35	60	60	...	...	...	25·0
10	60	60	42	57	59	57	48	53	49	60	50	60	55	58	60	52	60	60	60	58	60	55	60	60	60	58	3	60	...	...	...	25·6
11	60	60	59	40	59	59	2	32	60	60	60	60	52	60	49	60	60	60	60	55	60	55	60	60	60	60	22	60	...	...	...	25·1
Noon	60	40	20	50	58	55	0	0	60	60	60	60	57	60	45	60	60	60	60	37	60	51	60	60	60	60	24	56	...	...	...	23·2
13h	52	12	41	58	55	50	0	0	58	60	60	60	50	60	50	60	58	60	60	54	40	40	60	60	60	60	0	58	...	...	...	22·3
14	60	4	45	58	57	54	0	0	0	60	60	58	0	60	45	60	33	60	60	56	28	20	60	60	60	60	4	45	...	...	...	19·4
15	55	5	57	60	58	58	0	20	18	57	60	55	0	55	18	60	22	60	55	60	54	0	60	60	55	60	3	59	...	...	...	19·7
16	49	29	50	60	59	59	0	0	58	7	60	35	0	55	58	60	55	60	50	57	54	8	60	60	60	60	0	54	..	...	...	20·3
17	35	0	58	60	58	48	0	0	27	25	60	35	34	17	59	60	58	60	58	60	58	16	60	60	55	50	0	48	...	...	...	19·3
18	22	7	35	48	15	36	0	0	0	0	29	48	54	25	52	60	50	43	59	59	19	0	60	58	18	2	0	2	...	...	...	13·3
19	0	18	1	0	0	0	0	0	0	0	0	0	0	11	7	1	0	0	0	1	0	0	1	1	0	0	0	0	...	...	...	0·7

The total amount of registered sunshine was 252·1 hours and the total possible sunshine 356·3 hours.

* Reckoned from apparent midnight.

TABLE XI.—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(To obtain temperatures on the Absolute Scale add 273)

FEBRUARY 1926.

Hour. / Day.	1d. Air.	1d. Excess of Air over Evap.	2d. Air.	2d. Excess of Air over Evap.	3d. Air.	3d. Excess of Air over Evap.	4d. Air.	4d. Excess of Air over Evap.	5d. Air.	5d. Excess of Air over Evap.	6d. Air.	6d. Excess of Air over Evap.	7d. Air.	7d. Excess of Air over Evap.	8d. Air.	8d. Excess of Air over Evap.	Day. / Hour.
Midnight	25·3	1·2	25·4	1·3	25·0	1·5	24·0	1·0	25·2	1·6	24·9	1·0	24·5	0·9	24·1	1·0	Midnight
1h	25·2	1·1	25·0	1·0	25·0	1·5	24·9	1·0	24·7	0·9	24·9	1·0	24·5	1·1	24·0	1·0	1
2	25·2	0·9	25·0	1·1	25·0	1·3	25·0	1·0	24·5	1·0	24·8	0·9	24·2	1·1	23·9	0·9	2
3	25·3	1·0	24·6	1·1	24·1	1·1	24·9	1·2	24·3	0·9	25·0	1·0	24·7	0·9	24·2	0·8	3
4	25·1	0·9	24·6	1·0	24·6	1·4	25·0	1·0	24·8	0·9	24·5	1·2	24·4	0·9	24·1	0·8	4
5	25·2	1·0	24·2	1·1	24·6	1·4	25·1	1·1	25·0	1·0	24·4	1·0	24·0	1·0	23·8	0·9	5
6	25·0	0·9	24·1	0·8	24·3	1·3	25·0	1·1	24·8	0·9	24·3	1·0	23·8	0·8	23·1	1·0	6
7	25·3	1·0	24·8	1·1	24·9	1·1	25·7	1·6	25·2	0·6	25·5	0·9	24·3	0·7	24·4	0·6	7
8	26·8	1·8	26·3	2·0	26·2	2·2	26·5	1·9	26·9	1·8	27·9	2·4	27·0	1·4	25·7	1·7	8
9	27·6	2·3	27·8	3·0	26·5	2·5	27·5	2·4	27·9	1·9	28·8	2·8	27·9	2·2	27·0	1·9	9
10	27·3	1·9	28·0	3·3	25·2	2·0	28·0	3·0	28·0	2·6	29·6	3·4	29·0	3·0	28·3	2·9	10
11	28·1	2·7	28·4	3·5	28·0	3·8	27·0	1·8	29·4	3·4	30·2	3·9	27·9	2·7	29·5	4·3	11
Noon	28·5	3·4	28·0	3·9	26·0	1·5	29·0	3·5	29·4	3·4	30·7	4·1	27·5	1·5	28·8	3·6	Noon
13h	29·0	3·5	28·0	3·5	37·8	3·0	28·8	3·8	30·2	3·9	30·2	3·7	28·0	1·9	28·8	3·7	13h
14	29·0	3·7	27·8	3·2	28·6	3·6	29·0	4·0	30·7	4·3	30·8	4·1	27·9	2·5	28·0	3·2	14
15	29·0	3·7	27·7	3·7	28·0	3·1	28·8	3·8	31·0	4·7	31·0	4·3	27·8	2·3	28·2	3·7	15
16	27·9	2·9	27·0	2·1	37·8	3·6	29·0	4·1	30·3	4·3	30·0	4·0	27·7	2·4	24·3	1·4	16
17	27·8	3·5	26·8	2·8	27·4	2·8	28·9	4·0	29·0	3·7	29·2	3·3	27·0	2·0	23·9	1·6	17
18	27·3	2·7	26·4	2·3	27·0	2·9	27·8	3·0	27·8	2·7	29·0	3·4	26·2	1·3	23·3	1·5	18
19	26·8	2·4	26·0	1·9	26·4	2·3	26·8	2·5	26·3	1·4	27·8	2·5	25·8	1·3	23·3	1·7	19
20	26·2	2·0	25·4	1·4	26·2	2·1	26·3	2·1	26·0	1·2	27·0	2·0	25·0	1·0	23·5	1·9	20
21	25·6	1·1	25·2	1·6	25·3	1·2	26·6	1·9	25·8	1·4	26·6	1·6	24·8	1·2	23·9	1·5	21
22	25·6	1·2	25·0	1·3	25·5	1·3	26·3	1·9	25·5	1·1	25·7	1·3	24·3	1·1	24·4	1·4	22
23	25·3	1·3	24·7	1·4	25·3	1·3	26·3	2·0	25·0	1·1	25·0	1·0	24·2	1·0	24·8	1·5	23

Hour. / Day.	9d. Air	9d. Excess of Air over Evap.	10d. Air.	10d. Excess of Air over Evap.	11d. Air.	11d. Excess of Air over Evap.	12d. Air.	12d. Excess of Air over Evap.	13d. Air.	13d. Excess of Air over Evap.	14d. Air.	14d. Excess of Air over Evap.	15d. Air.	15d. Excess of Air over Evap.	16d. Air.	16d. Excess of Air over Evap.	Day. / Hour
Midnight	23·5	2·2	24·3	1·3	24·0	1·5	24·8	1·6	25·9	1·4	24·4	1·3	25·3	2·4	21·7	1·7	Midnight
1h	23·5	0·9	24·3	1·4	24·2	1·2	24·7	1·6	25·7	1·7	24·4	1·4	24·5	2·1	21·8	1·6	1h
2	24·3	1·3	24·4	1·4	24·0	1·0	24·5	1·4	25·5	1·4	24·9	1·3	25·0	2·1	21·7	1·7	2
3	24·5	1·2	23·7	1·1	24·0	1·0	24·7	1·4	25·0	1·1	24·8	1·3	25·2	2·4	21·1	1·2	3
4	24·7	1·7	23·3	1·0	23·7	1·0	24·2	1·2	24·8	1·2	24·0	1·0	25·0	2·4	21·8	1·3	4
5	24·7	1·7	23·0	0·9	23·8	1·0	24·0	1·0	24·4	1·1	24·2	1·2	24·7	2·4	22·9	1·2	5
6	24·8	1·8	23·0	1·0	24·0	1·0	24·0	1·0	24·5	1·2	24·2	1·2	24·8	2·8	23·5	0·9	6
7	25·1	1·7	23·5	0·5	24·4	0·9	25·2	1·6	26·6	1·7	25·8	1·3	25·3	3·0	24·0	1·1	7
8	26·1	2·1	25·7	1·5	26·5	2·1	27·6	3·0	28·4	3·2	27·0	1·9	26·9	3·9	24·9	1·9	8
9	28·0	2·9	28·0	3·8	27·0	2·0	28·5	3·7	29·7	4·2	27·9	2·9	28·7	5·5	27·6	3·8	9
10	26·2	3·0	28·9	4·1	28·1	3·2	29·5	4·4	30·0	4·5	28·4	3·2	29·5	6·2	28·2	4·9	10
11	28·6	3·5	29·2	4·9	29·8	4·7	30·0	4·6	31·0	5·1	30·0	3·8	29·8	6·3	29·2	6·2	11
Noon	29·0	4·9	29·1	5·1	30·0	4·6	30·3	4·5	32·8	5·3	29·4	3·0	30·2	6·2	29·8	6·6	Noon
13h	29·1	5·9	29·0	5·2	29·5	4·5	30·4	4·9	32·2	5·2	30·5	4·0	31·0	6·8	30·0	6·5	13h
14	27·6	2·8	29·9	5·1	29·8	4·9	30·3	4·8	29·0	3·2	30·0	4·5	31·2	5·9	29·8	6·5	14
15	27·8	4·0	29·0	5·3	29·4	4·9	31·0	5·6	27·0	2·9	30·3	4·3	30·0	5·8	29·9	6·5	15
16	28·0	3·9	28·0	4·0	29·0	5·0	29·5	4·3	28·4	2·6	30·2	4·0	29·0	6·0	29·2	6·2	16
17	27·3	3·3	28·0	4·0	28·0	4·0	28·9	3·8	29·8	3·9	28·6	3·4	28·3	6·3	28·0	5·1	17
18	26·5	2·5	27·0	3·2	27·5	3·5	28·8	4·0	29·0	3·1	28·6	3·6	27·0	5·1	27·0	4·5	18
19	25·5	2·1	26·2	2·8	26·3	2·5	27·7	2·8	28·0	2·8	28·3	3·7	25·6	4·5	25·3	3·3	19
20	24·8	1·7	25·1	1·7	25·9	2·0	27·0	2·1	27·0	2·4	27·3	3·0	24·4	3·1	24·5	3·1	20
21	24·3	1·2	24·7	1·7	25·0	1·5	26·9	1·9	26·0	1·9	26·5	2·5	23·4	2·4	24·0	2·9	21
22	24·2	1·2	24·4	1·4	24·8	1·6	26·4	1·6	25·2	1·4	26·0	2·9	22·4	2·0	23·3	2·4	22
23	24·5	1·2	24·1	1·1	24·6	1·3	26·6	1·7	24·7	1·5	25·9	3·0	21·8	1·9	22·8	2·3	23

TABLE XI. (*Contd.*)—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(*To obtain temperatures on the Absolute Scale add 273*)

FEBRUARY 1926

Day / Hour	17d. Air.	17d. Excess of Air over Evap.	18d. Air.	18d. Excess of Air over Evap.	19d. Air.	19d. Excess of Air over Evap.	20d. Air.	20d. Excess of Air over Evap.	21d. Air.	21d. Excess of Air over Evap.	22d. Air.	22d. Excess of Air over Evap.	23d. Air.	23d. Excess of Air over Evap.	24d. Air.	24d. Excess of Air over Evap.	Day / Hour
Midnight	22·5	2·4	22·7	2·0	25·1	2·7	24·2	2·2	23·9	2·0	24·8	1·8	24·1	2·1	22·9	2·2	Midnight
1h	21·4	1·8	23·5	2·3	25·1	2·9	24·3	1·8	23·5	1·6	25·0	1·7	24·0	2·0	23·0	1·7	1h
2	20·4	1·4	22·8	2·2	25·0	2·9	24·6	2·7	23·9	1·9	24·4	0·9	23·8	2·2	23·2	1·9	2
3	20·5	1·5	22·0	1·9	24·9	2·9	24·0	1·4	23·5	1·6	24·9	1·3	24·0	2·1	23·0	1·9	3
4	21·1	1·1	22·4	1·8	24·7	2·7	24·0	1·1	23·4	1·5	25·0	1·4	23·4	1·9	23·0	1·7	4
5	21·8	1·7	21·8	1·8	24·5	2·4	24·0	1·1	24·5	1·9	24·3	0·8	22·8	1·6	22·9	1·8	5
6	21·0	1·1	21·3	1·4	24·2	2·4	24·1	1·1	23·3	0·4	24·0	1·0	22·6	1·4	23·0	1·9	6
7	22·5	1·4	24·0	2·4	25·0	2·1	24·9	1·6	23·3	0·7	25·2	1·6	23·9	1·9	24·3	2·3	7
8	25·0	3·6	27·0	4·1	27·6	3·7	25·0	1·5	25·0	1·2	27·0	3·0	26·4	3·4	26·7	3·7	8
9	28·0	6·1	28·5	6·3	28·0	4·2	26·9	2·7	28·0	3·1	27·7	3·4	27·5	4·2	27·4	4·4	9
10	28·6	7·1	28·8	6·6	29·0	5·9	27·7	3·7	28·0	3·3	28·0	3·7	27·9	5·2	28·4	5·2	10
11	29·0	7·4	29·0	6·3	29·2	5·7	27·8	4·4	28·9	4·3	27·0	2·5	27·5	4·5	28·5	5·9	11
Noon	29·0	7·1	29·5	6·5	29·4	5·7	28·8	5·4	28·0	3·6	27·5	3·0	28·0	5·0	29·0	6·0	Noon
13h	28·4	5·9	29·2	5·7	29·4	6·5	29·0	5·4	28·0	3·8	28·0	4·5	28·0	5·7	29·5	6·5	13h
14	29·0	6·4	29·6	6·6	29·0	5·8	29·0	5·5	28·3	3·8	26·8	2·8	28·2	6·4	29·5	6·5	14
15	28·0	5·6	29·0	6·2	29·0	5·5	29·4	5·9	28·6	4·1	26·0	3·0	28·1	5·9	29·0	6·0	15
16	27·9	5·2	28·3	5·5	28·6	5·7	29·0	5·5	28·5	4·3	25·3	1·2	27·8	5·8	28·4	5·4	16
17	27·9	5·0	28·0	5·5	28·0	5·6	28·0	5·0	28·0	3·6	25·1	1·9	27·2	5·1	28·0	5·0	17
18	27·0	5·0	27·3	4·8	27·4	4·5	27·0	4·0	27·2	2·8	24·7	1·7	26·5	5·1	27·0	4·1	18
19	25·5	4·0	26·1	3·6	26·0	3·4	25·8	3·0	26·0	2·1	24·6	1·6	24·8	3·5	25·9	3·0	19
20	24·0	2·6	25·5	3·1	24·9	2·4	25·1	2·5	25·3	1·4	24·5	1·8	23·7	2·6	25·5	2·5	20
21	23·8	2·5	25·8	3·2	24·2	2·2	25·0	2·6	25·0	1·4	24·9	2·4	23·1	2·1	25·2	2·0	21
22	23·3	2·3	26·0	3·1	24·2	2·1	24·4	2·4	24·7	1·5	24·6	1·8	23·1	2·2	24·9	1·5	22
23	22·9	2·0	25·8	3·2	24·8	2·6	24·0	2·0	24·4	1·3	24·5	2·1	23·0	2·2	24·8	1·5	23

Day / Hour.	25d. Air.	25d. Excess of Air over Evap.	26d. Air.	26d. Excess of Air over Evap.	27d. Air.	27d. Excess of Air over Evap.	28d. Air.	28d. Excess of Air over Evap.	... Air.	... Excess of Air over Evap.	... Air.	... Excess of Air over Evap.	... Air.	... Excess of Air over Evap.	Mean Air.	Mean Excess of Air over Evap.	Day. / Hour.
Midnight	24·5	1·4	24·8	0·9	25·0	1·1	24·0	1·5	...	...	...	...	...	...	24·3	1·6	Midnight
1h	24·3	1·3	24·9	0·9	24·6	0·8	24·3	1·0	...	...	...	...	...	...	24·3	1·4	1h
2	24·5	1·4	24·9	0·9	24·6	0·7	24·7	0·8	...	...	...	...	...	...	24·2	1·4	2
3	24·5	1·2	24·8	0·9	24·3	0·7	24·7	0·8	...	...	...	...	...	...	24·1	1·3	3
4	24·4	1·2	24·7	0·7	24·3	0·8	24·9	0·9	...	...	...	...	...	...	24·1	1·3	4
5	24·4	1·4	24·5	0·8	24·0	0·8	24·6	0·7	...	...	...	...	...	...	24·0	1·3	5
6	24·4	1·3	24·4	0·7	24·3	0·7	24·5	0·7	...	...	...	...	...	...	23·9	1·2	6
7	24·9	1·4	24·6	0·8	26·0	1·1	24·6	0·7	...	...	...	...	...	...	24·8	1·3	7
8	26·3	2·3	25·4	1·1	27·4	2·3	27·5	2·1	...	...	...	...	...	...	26·5	2·4	8
9	27·9	3·4	26·0	0·7	28·1	2·8	28·6	3·1	...	...	...	...	...	...	27·8	3·3	9
10	29·0	4·2	26·4	1·1	28·2	3·0	28·6	3·5	...	...	...	...	...	...	28·2	3·9	10
11	29·5	4·9	27·3	2·1	28·8	3·5	29·3	3·8	...	...	...	...	...	...	28·8	4·3	11
Noon	29·0	4·4	28·0	2·8	29·3	3·8	30·5	5·0	...	...	...	...	...	...	29·1	4·4	Noon
13h	30·0	5·0	29·0	3·8	29·2	2·7	30·3	4·4	...	...	...	...	...	...	29·3	4·6	13h
14	30·0	5·0	29·0	3·7	29·8	3·6	28·9	3·8	...	...	...	...	...	...	29·2	4·5	14
15	28·0	3·0	29·2	3·9	29·6	3·6	29·5	4·0	...	...	...	...	...	...	28·9	4·5	15
16	29·0	4·1	28·9	3·7	26·9	1·5	28·6	3·3	...	...	...	...	...	...	28·3	4·0	16
17	28·2	3·4	28·5	3·4	26·0	1·4	28·2	3·1	...	...	...	...	...	...	27·8	3·8	17
18	27·0	2·5	27·0	2·1	25·5	1·4	27·4	2·3	...	...	...	...	...	...	27·0	3·2	18
19	26·0	1·9	26·0	1·5	25·4	0·9	26·2	1·3	...	...	...	...	...	...	26·1	2·5	19
20	25·9	1·7	25·9	1·4	25·0	1·0	25·3	1·4	...	...	...	...	...	...	25·4	2·0	20
21	25·3	1·2	25·2	1·2	24·4	1·3	25·5	1·4	...	...	...	...	...	...	25·1	1·8	21
22	25·0	0·8	25·0	1·0	23·8	1·9	25·8	1·1	...	...	...	...	...	...	24·8	1·7	22
23	24·7	0·7	25·0	1·0	23·8	1·9	25·5	0·6	...	...	...	...	...	...	24·6	1·6	23

TABLE XII.—NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(The results are increased by 90 in order to obviate the necessity for signs. The unit in the table is 0·1 metre.)

FEBRUARY 1926.

Hour \ Day.	1d. N.	1d. E.	2d. N.	2d. E.	3d. N.	3d. E.	4d. N.	4d. E.	5d. N.	5d. E.	6d. N.	6d. E.	7d. N.	7d. E.	8d. N.	8d. E.	Hour \ Day.
Midnight	900	935	907	916	900	919	900	934	934	907	907	910	911	902	906	897	Midnight
1h	900	941	907	917	900	924	909	943	921	904	904	906	909	902	910	896	1h
2	900	925	903	904	905	923	905	922	922	909	908	910	911	905	911	895	2
3	900	941	900	917	903	917	914	935	909	909	907	909	907	901	898	894	3
4	900	927	904	919	906	928	906	929	905	907	905	912	911	902	897	894	4
5	900	934	907	916	900	921	906	931	905	907	903	906	906	903	897	893	5
6	900	943	904	910	900	922	907	935	907	910	904	910	908	903	896	890	6
7	907	934	904	921	900	930	908	938	908	910	905	912	906	902	898	894	7
8	917	941	900	928	917	943	916	940	924	924	906	915	913	906	912	900	8
9	918	945	914	936	910	948	921	950	936	924	922	914	935	914	916	907	9
10	922	953	908	937	917	941	926	940	949	910	927	900	936	900	930	912	10
11	924	958	910	947	922	954	929	944	946	909	938	900	930	894	929	911	11
Noon	925	959	917	943	941	928	932	947	947	910	939	916	930	894	937	908	Noon
13h	924	958	918	945	916	940	930	946	950	910	944	909	938	885	929	911	13h
14	922	952	915	938	924	958	933	949	951	900	940	908	930	888	921	900	14
15	920	949	919	946	912	959	926	940	956	900	946	909	916	893	936	924	15
16	919	947	917	941	917	943	928	942	940	900	940	908	916	893	878	932	16
17	921	952	910	947	917	941	939	939	941	908	936	907	911	895	883	917	17
18	918	945	913	934	909	944	925	938	926	874	921	904	910	896	883	926	18
19	908	940	900	928	907	936	913	932	908	892	913	903	908	897	887	919	19
20	907	933	911	929	908	937	911	926	906	894	906	901	906	898	888	918	20
21	906	928	905	922	915	938	919	928	905	895	906	901	913	894	887	919	21
22	905	923	903	917	906	931	925	925	904	896	908	902	910	896	889	917	22
23	911	927	900	920	908	939	917	926	908	908	907	901	910	896	881	928	23

Hour \ Day.	9d. N.	9d. E.	10d. N.	10d. E.	11d. N.	11d. E.	12d. N.	12d. E.	13d. N.	13d. E.	14d. N.	14d. E.	15d. N.	15d. E.	16d. N.	16d. E.	Hour \ Day.
Midnight	878	933	892	920	902	911	904	919	905	911	897	892	887	903	895	903	Midnight
1h	890	925	890	924	902	909	903	916	903	907	897	892	888	902	894	904	1h
2	891	921	894	915	902	908	903	916	905	912	897	887	887	903	895	903	2
3	891	921	896	909	902	908	903	916	903	907	900	890	883	907	894	904	3
4	900	925	892	918	902	909	905	923	907	916	900	889	883	907	893	904	4
5	900	926	894	914	903	916	905	922	906	913	900	888	883	903	886	910	5
6	900	925	896	909	902	910	905	923	906	913	900	888	877	905	887	913	6
7	900	929	893	916	903	915	904	918	903	908	897	887	862	915	881	908	7
8	900	929	904	921	903	914	904	921	900	921	885	862	854	931	859	917	8
9	908	938	906	927	900	919	912	931	900	920	872	859	861	916	878	933	9
10	908	937	910	925	912	918	912	930	902	912	879	848	882	908	861	939	10
11	917	941	912	930	912	930	911	929	905	911	879	850	888	902	876	936	11
Noon	916	939	913	932	912	930	914	921	921	879	879	849	900	885	883	941	Noon
13h	917	942	912	931	913	933	915	910	912	869	890	849	882	900	874	940	13h
14	915	937	912	930	918	927	911	917	873	889	891	854	920	900	864	936	14
15	908	938	910	924	912	930	911	917	896	906	890	851	900	926	871	929	15
16	900	934	911	928	912	931	915	923	887	867	892	859	866	934	871	943	16
17	900	937	905	924	905	923	919	921	886	866	895	874	857	943	878	952	17
18	889	917	904	920	903	917	911	917	889	871	887	868	846	936	882	943	18
19	890	915	903	913	903	916	905	911	895	888	889	874	874	917	884	924	19
20	888	919	902	912	901	917	904	910	896	890	891	891	891	907	877	923	20
21	887	919	902	911	903	913	904	909	898	894	885	894	895	903	880	920	21
22	886	922	903	913	903	915	904	910	898	894	873	900	895	903	886	914	22
23	888	912	904	918	904	918	903	906	897	894	883	903	895	903	880	920	23

TABLE XII.—(*Contd.*) NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(*The results are increased by* 90 *in order to obviate the necessity for signs. The unit in the table is* 0·1 *metre.*)

FEBRUARY 1926.

Day. / Hour.	17d.		18d.		19d.		20d		21d.		22d.		23d.		24d.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	887	913	892	910	877	954	889	917	888	918	891	921	879	931	892	919	Midnight
1h	882	918	892	911	878	932	881	928	886	922	892	937	883	925	891	921	1h
2	887	913	892	911	876	931	900	924	885	924	900	943	887	920	888	930	2
3	887	913	890	915	878	933	900	910	885	924	900	940	886	921	888	930	3
4	889	911	890	914	879	931	889	927	887	920	900	926	892	920	889	929	4
5	892	908	890	915	879	931	883	925	900	925	900	931	893	916	890	923	5
6	892	908	888	918	879	931	885	923	907	932	900	931	893	917	890	925	6
7	894	906	890	914	877	935	882	927	903	914	900	938	892	918	890	924	7
8	885	915	884	924	870	946	887	932	884	924	900	952	883	941	889	929	8
9	883	941	881	946	890	951	884	939	900	940	900	954	890	951	880	949	9
10	892	940	900	960	887	966	900	962	908	940	889	954	900	957	880	948	10
11	893	935	889	955	886	967	900	974	909	944	900	955	889	955	879	952	11
Noon	887	933	888	960	885	977	888	959	917	941	889	954	889	954	882	943	Noon
13h	893	936	890	948	886	970	886	873	910	947	900	957	877	955	881	946	13h
14	887	934	900	962	900	956	887	965	909	943	900	955	889	955	875	959	14
15	885	937	888	959	900	968	900	970	910	947	910	951	888	957	879	952	15
16	885	938	900	955	900	953	900	966	909	944	890	947	888	960	881	947	16
17	885	938	881	946	900	952	900	969	907	935	900	964	900	956	881	947	17
18	883	941	882	945	884	939	881	946	900	939	889	952	886	936	876	936	18
19	889	917	882	927	889	928	885	938	887	932	887	932	892	919	888	918	19
20	893	907	884	924	887	913	886	934	890	924	881	929	890	915	886	921	20
21	889	911	883	925	887	913	881	928	887	934	888	930	887	919	881	928	21
22	890	910	879	931	885	915	887	920	891	922	886	922	888	919	886	922	22
23	887	913	878	933	882	927	887	920	892	918	877	935	888	918	888	918	23

Day. / Hour	25d.		26d.		27d.		28d.		...		...		...		Mean.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	...	...	...	...	...	...	N.	E.	
Midnight	890	915	887	933	900	913	904	921	...	...	...	...	...	...	896	916	Midnight
1h	886	921	888	930	896	919	904	921	...	...	...	...	...	...	896	918	1h
2	885	924	888	930	893	917	905	923	...	...	...	...	...	...	897	916	2
3	890	923	890	924	892	908	903	914	...	...	...	...	...	...	896	916	3
4	890	923	882	945	894	906	904	918	...	...	...	...	...	...	896	917	4
5	890	924	893	933	893	907	903	916	...	...	...	...	...	...	897	916	5
6	890	924	886	936	889	911	902	912		...	...	...	...	...	896	917	6
7	889	926	885	938	890	910	904	920	...	...	...	...	...	...	896	918	7
8	892	940	900	938	885	915	904	921	...	...	...	...	...	...	896	925	8
9	888	957	906	930	904	921	905	924	...	...	...	...	...	...	901	932	9
10	891	946	910	947	904	920	905	926	...	...	...	...	...	...	905	931	10
11	887	962	910	950	905	925	895	926	...	...	...	...	...	...	906	934	11
Noon	900	964	910	949	911	927	906	928	...	...	...	...	...	...	909	931	Noon
13h	879	952	909	944	923	915	907	935	...	...	...	...	...	...	907	927	13
14	875	961	900	947	935	907	908	939	...	...	...	...	...	...	907	931	13
15	882	945	890	947	930	912	906	928	...	...	...	...	...	...	907	933	14
16	877	956	893	933	931	912	906	917	...	...	...	...	...	...	903	931	15
17	888	957	889	928	907	901	905	924	...	...	...	...	...	...	901	931	16
18	875	937	894	927	910	904	900	930	...	...	...	...	...	...	896	924	17
19	879	932	897	913	906	903	895	926	...	...	...	...	...	...	895	917	18
20	879	932	898	909	907	903	893	917	...	...	...	...	...	...	895	915	19
21	879	931	898	908	916	907	891	921	...	...	...	...	...	...	896	916	20
22	879	932	898	911	906	915	893	917	...	...	...	...	...	...	895	915	21
23	885	924	896	919	905	925	893	915	...	...	...	...	...	...	895	917	22

TABLE XIII.—DIRECTION and VELOCITY of the WIND at every HOUR of the DAY as recorded by the ROBINSON CUP ANEMOMETER, during FEBRUARY 1926.

The directions are given in points and the values indicate the direction from which the wind blows counting from South (0), West (8), North (16) and East (24).

The Velocities are given in Metres per second, using the factor 2·2.

*(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk *).*

FEBRUARY 1926.

Hour \ Day	1d.		2d.		3d.		4d.		5d. *		6d.		7d.		8d. *		9d.		10d.		11d.		12d.		13d. *		14d.		15d. *		16d.	
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Midnight	24	3·5	22	1·8	24	1·9	24	3·4	17	3·5	21	1·2	17	1·1	14	0·7	27	4·0	26	2·2	23	1·1	23	1·9	22	1·2	6	0·9	31	1·3	29	0·6
1h	24	4·1	22	1·9	24	2·4	23	4·4	17	2·1	21	0·7	17	0·9	14	1·1	26	2·7	26	2·6	23	0·9	23	1·6	22	0·8	6	0·9	31	1·2	29	0·7
2	24	2·5	23	1·4	23	2·4	23	2·3	18	2·4	21	1·3	18	1·2	14	1·2	26	2·3	26	1·6	23	0·8	23	1·6	22	1·3	7	1·3	31	1·3	29	0·6
3	24	4·1	24	1·7	23	1·7	22	3·8	20	1·3	21	1·1	17	0·7d	6	0·6	26	2·3	26	1·0	23	0·8	23	1·6	22	0·8	8	1·0	30	1·9	29	0·7
4	24	2·7	23	1·9	23	2·9	23	3·0	21	0·9	22	1·3	17	1·1	6	0·7	24	2·5	26	2·0	23	0·9	23	2·4	22	1·8	8	1·1	30	1·9	29	0·8
5	24	3·4	22	1·8	24	2·1	23	3·2	21	0·9	22	0·7	18	0·7	6	0·8	24	2·6	26	1·5	23	1·6	23	2·3	22	1·4	8	1·2	31	1·7	29	1·7
6	24	4·3	22	1·1	24	2·2	23	3·6	21	1·2	22	1·1	18	0·9	6	1·1	24	2·5	26	1·0	23	1·0	23	2·4	22	1·4	8	1·2	31	2·4	28	1·8
7	23	3·5	23	2·1	24	3·0	23	3·9	21	1·3	22	1·3	18	0·6	6	0·6	24	2·9	26	1·8	23	1·5	23	1·8	22	0·9	7	1·3	30	4·1	30	2·1
8	22	4·4	24	2·8	22	4·6	22	4·3	20	3·4	22	1·6	18	1·4	16	1·2	24	2·9	23	2·1	23	1·4	23	2·2	24	2·1	6	4·1	29	5·6	30	4·4
9	22	4·9	22	3·9	23	4·9	22	5·4	19	4·4	19	2·6	18	3·8	18	1·8	23	3·9	23	2·8	24	1·9	22	3·3	24	2·0	5	5·0	30	4·2	27	4·0
10	22	5·8	23	3·8	22	4·4	21	4·8	17	5·0	16	2·7	16	3·6	18	3·2	23	3·8	22	2·7	21	2·1	22	3·2	23	1·2	6	5·6	30	2·0	28	5·5
11	22	6·3	23	4·8	22	5·9	21	5·3	17	4·7	16	3·8	15	3·1	18	3·1	22	4·4	22	3·2	22	3·2	22	3·1	22	1·2	6	5·4	31	1·2	27	4·4
Noon	22	6·4	22	4·6	19	5·0	21	5·7	17	4·8	18	4·2	15	3·1	17	3·8	22	4·2	22	3·4	22	3·2	21	2·5	r 12	3·0	6	5·5	d 8	1·5	26	4·4
13h	22	6·3	22	4·9	22	4·3	21	5·5	17	5·1	17	4·5	14	4·1	18	3·1	22	4·5	22	3·3	22	3·5	19	1·8	10	3·3	7	5·2	r 0	1·8	27	4·8
14	22	5·7	22	4·1	22	6·3	21	5·9	16	5·1	17	4·1	14	3·2	16	2·1	22	4·0	22	3·2	21	3·2	21	2·0	2	2·9	7	4·7	d 16	2·0	28	5·2
15	22	5·3	22	5·0	23	6·0	21	4·8	16	5·6	17	4·7	14	1·8	19	4·3	23	3·9	22	2·6	22	3·2	21	2·0	r 27	0·7	7	5·0	24	2·6	28	4·2
16	22	5·1	22	4·4	22	4·6	21	5·1	16	4·0	17	4·1	14	1·8	d 27	3·9	24	3·4	22	3·0	22	3·3	21	2·7	d 6	3·5	7	4·2	28	4·8	27	5·2
17	22	5·6	23	4·8	22	4·4	20	5·6	17	4·2	17	3·7	14	1·2	28	2·4	24	3·7	23	2·5	23	2·4	22	2·3	6	3·7	7	2·7	28	6·2	26	5·7
18	22	4·9	22	3·6	23	4·5	21	4·6	12	3·7	17	2·2	14	1·1	27	3·1	27	2·0	23	2·0	23	1·7	21	2·0	6	3·1	6	3·4	29	6·5	26	4·7
19	23	4·1	24	2·8	23	3·7	22	3·4	12	1·2	17	1·3	14	0·9	27	2·3	27	1·8	23	1·3	23	1·6	22	1·2	6	1·3	6	2·8	29	3·1	27	2·9
20	23	3·4	23	3·1	23	3·8	22	2·8	12	0·8	17	0·6	14	0·6	27	2·1	27	2·2	23	1·2	23	0·7	22	1·1	6	1·1	4	1·3	29	1·1	28	3·3
21	23	2·9	23	2·3	22	4·1	21	3·4	12	0·7	17	0·6	14	1·4	27	2·3	27	2·3	23	1·1	23	1·3	22	1·0	6	0·6	2	1·6	29	0·6	28	2·8
22	23	2·4	23	1·7	23	3·2	20	3·6	12	0·6	17	0·8	14	1·1	27	2·0	27	2·6	23	1·3	23	1·5	22	1·1	6	0·6	0	2·7	29	0·6	28	2·0
23	22	2·9	24	2·0	23	4·0	21	3·1	20	1·2	17	0·7	14	1·1	27	3·4	28	1·7	23	1·8	23	1·8	22	0·7	6	0·7	31	1·7	29	0·6	28	2·8

Hour \ Day	17d.		18d.		19d.		20d.		21d.		22d.		23d.		24d.		25d.		26d.		27d. *		28d.		...		...		...		Mean
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocity
Midnight	28	1·8	27	1·3	27	4·1	27	2·0	27	2·1	26	2·3	27	3·7	26	2·1	27	1·8	26	3·5	24	1·3	23	2·1	...	...	...	...	...	...	2·1
1h	28	2·5	27	1·4	27	3·9	27	3·4	27	2·6	25	3·8	27	3·0	26	2·3	27	2·5	26	3·2	25	1·9	23	2·2	...	...	...	...	...	...	2·2
2	28	1·9	27	1·4	27	3·7	24	2·4	27	2·8	24	4·3	27	2·4	26	3·2	27	2·8	26	3·2	26	1·9	23	2·4	...	...	...	...	...	...	2·1
3	28	1·8	27	1·8	27	4·0	24	1·0	27	2·8	24	4·0	27	2·5	26	3·2	26	2·5	26	2·6	28	1·1	23	1·4	...	...	...	...	...	...	1·9
4	28	1·6	27	1·7	27	3·7	26	2·9	27	2·4	24	2·6	26	2·2	26	3·1	26	2·5	26	4·9	28	0·9	23	1·8	...	...	...	...	...	...	2·1
5	28	1·2	27	1·8	27	3·7	27	3·0	24	2·5	24	3·1	26	1·8	26	2·5	26	2·6	25	3·4	28	1·0	23	1·6	...	...	...	...	...	...	2·0
6	28	1·1	27	2·1	27	3·7	27	2·7	23	3·3	24	3·1	26	1·9	26	2·7	26	2·6	26	3·9	28	1·5	23	1·2	...	...	...	...	...	...	2·1
7	28	0·9	27	1·7	27	4·2	27	3·2	23	1·4	24	3·8	26	2·0	26	2·6	26	2·8	26	4·1	28	1·4	23	2·0	...	...	...	.	...	...	2·2
8	28	2·1	27	2·9	27	5·5	26	3·4	27	2·9	24	5·2	26	4·4	26	3·1	25	4·1	24	3·8	28	2·1	23	2·1	...	...	...	...	...	...	3·2
9	26	4·4	26	5·0	25	5·2	26	4·2	24	4·0	24	5·4	25	5·2	26	5·3	25	5·8	23	3·1	23	2·2	23	2·5	...	...	...	...	...	...	4·0
10	25	4·1	24	6·0	25	6·7	24	6·2	23	4·1	25	5·5	24	5·7	26	5·2	25	4·7	23	4·8	23	2·0	23	2·7	...	...	...	...	...	...	4·2
11	25	3·6	25	5·6	25	6·8	24	7·4	23	4·5	24	5·5	25	5·6	26	5·6	25	6·3	23	5·1	23	2·6	25	2·7	...	...	...	..	..	...	4·4
Noon	26	3·5	25	6·1	25	7·9	25	6·0	22	4·4	25	5·5	25	5·5	26	4·7	24	6·4	23	5·0	22	2·9	23	2·9	...	...	...	...	...	...	4·5
13h	25	3·7	25	4·9	25	7·1	25	7·4	23	4·8	24	5·7	26	6·0	26	5·0	26	5·6	23	4·5	29	2·7	23	3·6	...	...	...	.	...	...	4·5
14	26	3·6	24	6·2	24	5·6	25	6·6	23	4·4	24	5·5	25	5·6	26	6·4	26	6·6	24	4·7	17	3·6	23	4·0	...	...	...	...	...	...	4·5
15	26	4·0	25	6·0	24	6·8	24	7·0	23	4·8	23	5·2	25	5·8	26	5·6	26	4·9	25	4·8	18	3·2	23	2·9	...	...	...	...	.	...	4·4
16	26	4·1	24	5·5	24	5·3	24	6·6	23	4·5	25	4·8	25	6·1	26	5·1	26	6·1	25	3·4	18	3·3	23	2·8	...	...	.	...	...	...	4·3
17	26	4·1	26	5·0	24	5·2	24	6·9	23	3·6	24	6·4	24	5·6	26	5·1	25	5·8	26	3·0	17	0·7	23	2·5	...	...	...	...	...	...	4·1
18	26	4·4	26	4·9	26	4·2	26	5·0	24	3·9	25	5·3	26	3·9	27	4·4	27	4·5	25	2·8	18	1·1	24	3·0	...	...	...	...	...	...	3·6
19	27	2·0	27	3·3	26	3·0	26	4·1	26	3·4	26	3·4	26	2·1	27	2·1	27	3·8	25	2·3	18	0·7	25	2·7	...	...	...	...	...	...	2·4
20	28	1·0	27	2·9	28	1·8	26	3·7	26	2·6	27	3·5	27	1·8	27	2·5	27	3·8	25	0·9	18	0·8	26	1·9	...	...	...	...	...	...	2·0
21	28	1·6	27	3·0	28	1·8	27	3·4	26	3·6	26	3·2	27	2·3	27	2·4	27	3·7	25	0·8	18	1·8	26	2·3	...	...	...	...	...	...	2·1
22	28	1·4	27	3·7	28	2·1	27	2·4	26	2·4	27	2·6	27	2·2	27	2·6	27	3·8	25	1·1	22	1·6	26	1·9	...	..	...	...	...	...	2·0
23	28	1·8	27	4·0	27	3·3	27	2·4	26	2·0	27	4·2	27	2·1	27	2·1	27	2·8	25	1·9	23	2·6	26	1·7	...	...	...	...	...	..	2·2

d. = direct. r = retrograde.

TABLE XIV.—RAINFALL at every HOUR of the DAY at the ROYAL ALFRED OBSERVATORY MAURITIUS for FEBRUARY 1926.

Hour Ending \ Day	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th	16th	17th	18	19th	20th	21st	22nd	23rd	24th	25th	26th	27th	28th	...	...	...
	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	mm	m.m.	m.m.
1h	0·2	...	.	1·9	1·8	..	...	...	0·6	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...
2	.	...	...	...	2·2	..	...	..	0·1	...	...	...	...	...	...	...	...	...	...	...	...	0·6	...	...	...	..	...	...	...	...	...
3	0·2	...	0·2	...	...	0·9	..	...	0·1	0·7	...	...	...	...	..	...	..	...	...	...	...	...	...	...	...	...	0.1	...	...	..	...
4	0·7	...	...	0·5	0·2	...	..	...	...	0·2	...	...	..	...	..	..	...	...	..	..	...	...	..	...	...	1·5	...	...	...	..	...
5	0·8	2·0	...	...	...	...	...	..	...	...	...	...	..	...	...	...	...	...	..	..	...	1·8	...	...	...	0·2	...	...	...	..	...
6	2·8	1·0	...	...	...	..	..	...	..	...	...	...	...	...	...	0·2	...	...	...	0·4	2·0	...	...	...	...	0·4	...	...	...	..	...
7	...	...	0·2	0·3	...	...	..	..	...	...	...	...	...	...	...	0·7	...	...	..	...	4·0	0·2	...	..	...	...	...	...	...	..	...
8	..	...	0·3	..	..	..	..	..	...	...	...	..	...	..	..	...	...	...	..	..	0·4	...	...	.	...	1·1	...	...	...	..	...
9	...	.	...	...	...	..	..	..	...	...	...	...	...	..	...	...	...	...	...	...	..	...	..	..	...	1·4	...	...	...	..	...
10	.	..	...	...	...	..	..	...	...	...	.	..	...	...	...	...	...	...	...	...	..	...	...	...	...	..	...	...	...	...	...
11	.	..	...	1·8	...	..	..	..	...	...	...	...	..	..	...	...	...	..	.	..	..	...	..	..	...	...	...	...	...	...	...
Noon	.	..	2·0	..	...	...	2·0	..	...	...	..	...	.	..	...	...	...	...	...	.	..	...	..	..	...	...	1·5	...	..	..	...
13h	.	.	0·2	...	...	..	0·1	..	...	.	...	...	.	...	...	...	..	...	...	...	..	...	..	..	..	...	...	...	..	..	..
14	.	.	..	...	...	..	..	5·0	...	...	...	..	..	...	...	...	...	...	..	...	..	0·2	..	...	.	..	..	...	..	..	...
15	.	.	.	..	..	..	...	0·1	...	..	...	...	...	..	...	...	...	...	..	...	..	0·1	...	..	...	...	...	...	...	..	...
16	..	..	.	..	..	...	1·2	...	...	..	...	...	.	...	...	...	...	...	...	..	...	4·5	...	..	...	...	0·7	...	...	..	...
17	.	..	...	..	...	..	1·7	1·2	...	..	..	..	.	..	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	..	...
18	.	..	.	..	..	..	...	...	...	..	..	..	..	..	...	...	...	...	...	..	...	...	...	...	...	...	0·2	...	..	...	...
19	...	..	...	...	...	...	0.8	...	...	...	...	..	..	..	...	.	...	...	...	..	...	...	..	..	...	...	...	..	..	...	...
20	...	0·8	...	...	...	...	...	...	...	...	...	..	..	..	...	...	...	...	...	..	..	...	...	.	...	..	.	...	...	..	...
21	1·8	0 2	2·0	...	3·8	..	.	...	...	...	..	.	..	..	...	...	...	...	...	..	..	...	...	...	...	..	0·4	...	...	...	..
22	0·2	...	...	...	0·3	...	...	...	...	...	..	..	..	..	...	...	...	...	..	..	..	...	..	..	...	..	...	...	..	..	...
23	...	0.1	1·3	...	...	...	...	...	...	..	...	..	..	...	...	...	...	...	...	...	...	...	...	...	0,3	..	...	0·3	...	..	...
24	..	...	6·7	...	...	...	...	...	...	...	..	..	..	...	...	...	...	...	...	..	..	...	...	..	0.3	..	...	...	...	...	...

TABLE XV.—TOTAL MONTHLY RAINFALL at VARIOUS STATIONS in MAURITIUS, grouped according to the RIVER SYSTEMS as indicated on the CHART for the MONTH of FEBRUARY 1926.

River System.	Register Number	Station	Approximate Altitude feet.	Total fall in inches.	Total fall in mill.	Normal in mill.	Number of days.
1	2	St. Antoine	50	2·78	70·6	164·1	15
	3	Belmont	50	3·21	81·5	186·9	15
	4	Poudre d'Or	20	3·32	84·3	187·7	15
	5	Mon Loisir (R.)§ ...	300	...	...	...	.
	6	Mon Loisir S. E.§ ...	300	...	..	...	...
	7	Forbach§	300	...	..	...	...
	8	Labourdonnais§ ...	290	...	...	...	...
	9	Beau Séjour	300	4·95	125·7	244·3	17
	10	Mont Piton	360	5·93	150·6	300·7	16
	11	Mon Choix	700	4·40	111 8	280·9	15
	12	Antoinette§	640	...	...	...	..
	13	California§	850	...	...	...	...
	14	Nouvelle Découverte ...	1,400	5·25	133·3	383.8	17
	15	Mon Songe	620	8·06	204·5	264·2	13
	16	La Grande Rosalie§ ...	643	...	...	...	...
	17	The Mount§	325	...	...	...	...
	18	Botanic Gardens ..	325	3.84	97·5	224·0	16
	19	The Observatory ...	179	2·93	74·4	178·6	18
	20	Solitude§	175	...	...	...	...
	21	St. André	90	3·29	83·6	168·9	10
	22	Belle Vue Harel§ ...	350	...	...	...	...
	23	Mont Choisy§	10	...	...	...	...
	25	Esperance (Trébuchet)*	165	4·58	146·3	...	11
	28	Mon Rocher§	...	...	...	...	...
	45	Roche Bois Station§ ...	44	...	...	...	...
	46	Riche Terre Station§ ...	106	...	...	...	...
	47	Terre Rouge Station§ ..	137	...	...	...	...
	48	Mapou Station* ..	296	0·85	20·6	...	7
	49	Poudre d'Or Station§ ...	772	...	...	...	...
	50	Rivière du Rempart* ...	134	0·29	7·4	...	7
2 & 3	1	Union Régnard S.E. ...	600	6·35	161·3	277·4	17
	2	Constance d'Arifat L.G.	100	2·52	64·0	217·9	14
	3	St. Julien Church§ ...	1,050	...	...	...	...
	4	Riche Fund§	600	...	..	..	...
	5	Constance (Manès)§ ...	..	...	...	...	...
	6	Queen Victoria§ ...	..	...	...	...	...
	7	Belle Mare§	...	...	...	...	...
	8	Bel Etang (Lesur)§ ...	...	...	...	...	...
	9	Belle Vue (Allendy)*	...	5·17	131·3	...	12
	10	St. Julien E(K. Reetoo)§	...	...	...	...	...
4	1	Sans Souci§	900	...	...	...	...
	2	Etoile§	400	...	...	...	...
	3	Beau Champ	20	3·76	95.5	194·6	12
	4	Belle Rive§	400	...	...	...	...
	5	Olivia	400	6·25	158·7	267·2	19
	6	Deep River§	350	...	..	....	...
	7	Belle Rose Estate§ ...	...	...	...	...	...
	8	Melrose§	...	...	...	...	.
	9	Bonne Veine*	...	12·18	309·3	...	20
5	1	Rose Belle§	850	...	...	...	...
	2	Riche-en-Eau§	460	...	...	...	...
	3	Ferney§	20	...	...	...	...
	4	Beau Vallon§	60	...	...	...	...
	5	Union Vale§	200	...	...	...	...
5 cont.	6	Mon Désert (Carié)* ...	75	4 78	121·4	...	17
	7	Cluny§	1,000	...	...	...	...
	8	Union Park§	...	...	...	..	...
	9	Sauveterre Estate* ...	...	5·93	150·6	...	11
	10	Bananes Estate§ ...	...	...	...	...	...
6	1	Kanaka	2,000	8·52	216·4	481·8	19
	2	Tivoli*	1,300	16·86	428·2	...	18
	3	La Flora*	1,050	9·16	232·7	...	21
	4	Britannia	730	7·48	190·0	359 9	19
	5	Savannah (Mill)§ ...	200	...	..	...	...
	6	St. Aubin§	300	...	...	...	...
	7	Union B.A.St.Félix S.E.§	90	...	...	...	...
	8	Beau Bois§	350	...	...		...
	9	St. Avold*	900	10·76	273·3	..	16
	10	Terracine§	1000	...	...	...	...
	11	St. Félix S·E.§	...	...	...	...	...
	12	Bel Air§	..	...	...	...	...
	13	Chamouny§	...	...	...	...	...
	14	Union S. E.*	...	7·10	180·3	...	14
	15	Fontenelle*	...	7·00	177·8	...	13
	16	Combo§	...	..	...	...	...
	17	St. Felix (Wilson)§ ...	...	...	...	..	...
	18	Choisy Estate§	...	...	..	...	...
7, 8 & 9	1	Bel Ombre	40	6·97	177·0	232·4	12
	3	Beau Champ*	...	7·09	180·1	..	9
	4	Board*	...	9·16	232·7	...	11
	12	Tamarin Station§ ...	155	...	...	...	...
	13	Médine Station§ ...	284	...	...	...	...
	14	Albion Station§ ...	72	...	...	...	...
10		No returns	...	...	...	...	...
11	1	Les Gorges§	...	...	...	...	...
	2	Curepipe Gardens ...	1,840	8·03	204·0	477·8	24
	3	Mare aux Vacoas ...	1,850	12·40	314·9	428·7	24
	4	La Marie Filter Bed ...	1,700	10·84	275·3	348·0	19
	5	Réunion§	1,420	...	...	..	...
12	1	The Manse	850	4·54	115·3	236·7	18
	2	The Bower§	1,080	...	...	...	...
	3	Le Réduit (D. of A.)§...	1,000	...	...	...	...
	4	Alma	1,460	10·58	268·7	462.8	16
	5	Bagatelle§	1,250	...	...	...	...
	6	Highlands*	1,300	6·19	157·2	...	15
	7	Trianon	950	4.94	125·5	279·6	16
	8	Salency§	923	...	...	...	...
	9	La Ferme*	350	1·88	47·8	...	15
	10	Bon Air§	1,050	...	...	. .	...
	11	Val Ory	1,100	7·19	182·6	2 88·5	21
	12	Ebène§	...	...	...	...	...
	13	Mon Rêve§	...	...	...	...	...
	14	Bassin§	...	...	...	...	..
	15	Hermitage§	...	...	...	.	...
	16	Côte d'Or	...	6·06	153·9	...	13
	17	Mon Repos§	..	...	..	...	...
13	1	The Albion Dock§ ...	18	...	...	...	...
	2	Institute*	...	2·15	54·5	...	6

* Normals not available. §Record not Received.

TABLE XVI.—OBSERVATIONS of the DIRECTION and VELOCITY of CLOUDS made at the AEROLOGICAL STATION VACOAS 424·5 metres above SEA LEVEL during the month of FEBRUARY 1926.

Day \ Type	Time	Scud		Cumulus Cu. st. &c.		Alto cu: Alto st:		Cirro Cumulus		Cirro Stratus		Cirrus	
		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height
	h		°		°	...	°		°		°		
1	9¾	255	2·2	255	1·5	...	...	...	...	...	..	...	...
2	9¾	255	0·9	245	1·0	...	...	...	..	...	...	...	...
3	...	.	...	...	...	...	...	...	...	...	...	...	...
4	9¾	...	...	240	1·6	...	...	...	...	...	..	...	...
5	9¾	210	1·8	180	0·8	...	...	...	...	...	...	...	...
6	9¾	...	...	180	0·2	...	..	...	...	..	..	..	...
7	...	...	...	...	...	195	...	...	...	...	..	..	...
8	9¾	...	...	195	0·1	...	0·2	...	...	...	...	...	...
9	9¾	255	1·4	255	0·6	...	...	...	...	...	..	...	...
10	9¾	270	0·6	255	0·6	...	...	...	..	...	..	...	..
11	9¾	..	...	250	0.2	...	..	...	...	...	..	...	...
12	9¾	240	0·6	220	0·5	...	...	...	...	..	...	...	...
13	9½	...	...	210	0·4	..	...	...	...	..	...	..	...
14	11½	30	0·7	30	0·5	...	..	...	...	60	0·5	...	...
15	9¾	...	.	50	0·4	...	...	...	...	...	..	...	...
16	9¾	300	0·6	300	0·6	...	...	...	...	...	...	...	...
17	10h	...	..	290	0·6	...	...	...	...	...	..	...	...
18	11¾	...	...	300	1·3	360	...	...	...	...	..	...	...
19	9¾	300	0·6	300	0·5	..	0·1	...	...	..	..	..	...
20	10h	...	...	270	0·8	...	...	..	...	..	..	...	...
21	11¾	...	...	270	0·6	...	...	..	...	60	0·3	60	0·3
22	...	..	...	...	...	...	...	...	...	..	...	...	...
23	10h	300	0·7	320	0·5	...	...	...	...	..	...	.	...
24	9¾	270	0·7	270	0·5	...	...	...	...	..	..	...	...
25	9¾	...	...	295	0·4	...	...	...	...	..	...	...	...
26	11¾	...	..	275	0·5	...	...	...	...	...	...	120	0.2
27	...	..	.	...	...	...	...	...	...	...	..	...	...
28	...	..	...	..	...	..	...	...	..	...	...	...	...
...	...	.	...	..	..	...	...	...	...	...	...	...	...
..	..	...	...	..	...	...	...	...	...	...	..	...	...
..	...	...	...	...	...	..	...	...	...	...	...	...	...

Day \ Type	Time	Scud		Cum: Cu. st. &c.		Alto Cum Alto St:		Cirro Cum		Cirro Stratus		Cirrus	
		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height
	h		°		°		°						°
1	12½	255	2·2	240	0·6	...	...	...	...	...	...	...	...
2	15½	265	1·3	285	0·4	...	...	..	.	...	...	...	...
3	14½	238	1·8	243	1·5	...	...	...	...	...	..	..	...
4	11¾	210	1·1	240	1·3	...	...	...	...	...	...	...	...
5	12½	195	1·0	180	0·6	180	0·5	...	...	...	..	...	..
6	14¾	...	...	150	0·3	...	...	...	...	...	...	...	..
7	..	...	...	...	...	...	...	..	...	..	...	...	..
8	...	...	...	.	...	...	...	...	...	...	...	...	...
9	14½	...	..	227	0·3	..	...	...	...	60	0·2	..	...
10	12½	230	0·6	210	0·2	...	...	...	...	105	02	...	..
11	11¾	240	0·7	255	0·2	...	...	...	...	...	...	..	...
12	12½	240	0·9	180	0·3	...	...	...	...	..	...	...	..
13	11¾	...	...	320	0·3	...	...	...	...	...		...	.
14	14¼	30	0.7	45	0·6	60	0·2	...	...	...	..	...	
15	14¾	...	...	90	0·4	...	...	..	..	..	..	...	.
16	12h	..	...	305	0·5	...	..	...	..	...	..	...	
17	14¼	285	0·7	330	0·2	...	..	...	..	...	.	..	.
18	14½	...	...	295	0·7	...	...	...	...	..	..	...	.
19	11½	285	0·1	285	0·4	...	...	...	...	130	0·2	...	..
20	11½	...	...	300	0·6	...	.	...	..	..	..	...	
21	14½	290	0·5	...	...	...	...	...	...	...	...	...	..
22	...	...	...	.	...	...	...	..	...	...	...	...	..
23	14¼	300	0·6	300	0.6	...	...	...	...	...	...	...	.
24	14½	...	...	300	0·8	...	...	...	...	...	.	...	..
25	12½	...	...	295	0·4	...	...	...	...	...	..	..	...
26	14½	270	0·6	270	0·3	...	...	...	...	...	.	120	0·3
27	...	...	...	...	...	...	...	...	...	...	...	...	.
28	.	...	...	...	...	...	...	...	...	...	.	...	
...	...	...	...	...	...	...	...	...	...	...	..	...	..
..	..	...	...	...	...	...	...	...	...	...	.	...	
..	..	..	..	...	...	...	...	...	..	...	...	...	.

The Direction is that from which the Cloud travels, counting South (0°); West (90°); North (180°). The Velocity-Height-Ratio is given in milliradians per sec.

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NEW SERIES (MONTHLY). VOL. XII. PART 3 PRICE R. 0.75

ROYAL ALFRED OBSERVATORY, MAURITIUS.

(LATITUDE 20°5′39 S.—LONGITUDE 3h 50m 12·6s E.)

RESULTS

OF

MAGNETICAL AND METEOROLOGICAL OBSERVATIONS

FOR THE MONTH OF

MARCH 1926

M. KŒNIG, A.INST.P.

ACTING DIRECTOR.

Published by Authority of His Excellency the Governor

PORT LOUIS

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TABLE I.—RESULTS of MAGNETICAL OBSERVATIONS made during the MONTH of MARCH 1926

Month and Day. 1926	Mean Declination (West)	Mean Horizontal Force. (C.G.S. Units.)	Mean Vertical Force. (C.G.S. Units.)	Daily Range of.† Declination.	Horizontal Force	Vertical Force.
	° ′			′	Unit γ	
1	11·17·3	...	·29812	9·7	...	21
2	...	...	809	...	...	30
3	...	...	809	...	...	32
4	17·4	·22840	807	7·6	28	24
5	16·2	820	807	14·0	226	53
6	17·1	798	816	5·0	101	23
7	16·6	824	810	8·3	28	15
8	17·7	...	807	7·8	...	25
9	...	...	803	...	...	38
10	16·8	...	807	8·2	...	35
11	16·9	829	802	10·0	53	24
12	17·7	829	799	7·7	22	30
13	16·1	838	796	14·3	37	36
14	15·6	838	796	10·3	21	23
15	16·3	845	789	12·5	23	35
16	16.6	...	790	10·2	...	23
17	17·2	...	787	9·7	...	25
18	17·0	817	791	7·2	120	23
19	16·5	836	793	6·2	87	11
20	16·7	827	791	8·8	51	12
21	17·1	831	787	9·5	40	22
22	17·1	838	787	8·5	21	18
23	16·7	851	786	7·2	35	17
24	17·0	850	787	8·2	66	19
25	17·7	851	786	8·0	33	24
26	16·7	856	787	10·0	24	25
27	17·0	859	783	11·8	28	38
28	17·6	855	786	6·0	64	21
29	17·2	849	784	6·0	43	24
30	17·2	853	784	8·0	59	30
31	17·2	851	788	10·0	38	15
Mean	11·16·94	·22838	·29796	8·86	54·2	25·5

Description of the Principal Magnetic Disturbances.

The following notes give a brief description of the principal magnetic disturbances The movements in Horizontal Force and Vertical force are expressed in G.G.S. units.

The term "wave" indicates a movement in one direction and return; "double wave," a movement in one direction and return with continuation in the opposite direction and return; "fluctuations," a number of movements in both directions.

The extent and direction of the movement are indicated in brackets, + denotes an increase and—denotes a decrease of the Magnetic Element; ± denotes positive and negative movements of approximately equal extent.

March 5d. 13h 50m: Sharp increase in H.F. (+25γ.). followed by large negative wave with superimposed fluctuations. Minimum (−220γ) at 22h. 40m. In Dec., beginning 14h. 5m.: train of irregular waves (±4′) till 6d. 0h. In V.F., sharp increase (+10γ) followed by irregular pronounced fluctuations (10±γ) till 6d. 3h.

9d. 23h. 50m. increase in V.F. with max. at 10d. 0h. 0m. (+12γ)

18d. 1h. 0m. Abrupt increase in H.F. (+20γ) followed by a train of long waves with superimposed slight fluctuations, associated with a general decrease in force, till 20h. 30m.

19d. 19h. 25m.: irregular waves in H.F. till 21d. 14h.

22d. 18h. 50m. to 20h. 30m. and 23d. 2h. 30m. to 6h. 30m. irregular small waves in H.F.

28d. 14h. to 29d. 3h.: general decrease in H.F. with superposed long waves.

i=0·37542: Mean Dip=θ=52°.31′·08. (X=·22397: i=−·04467: Z=·29796).

† The daily range is the difference between the greatest and least hourly values.

TABLE II.—RESULTS of ABSOLUTE DETERMINATIONS of the MAGNETIC ELEMENTS during the MONTH of MARCH 1926

Declination (West).		Horizonta Force (C.G.S. Unit)		Dip (South). A. M. Observations.		Resulting Vertical Force. C. G. S. Units.	P. M. Observations.		Resulting Vertical Force C.G.S. Units
Day and Hour.	Observed Value.	Day and Hour.	Observed Value.	Day and Hour.	Observed Value.		Day and Hour.	Observed Value.	
d h m	° ′	d h m		d h m	° ′		d h m	° ′	
MAR. 3.10.05	11.21·50	MAR. 5. 9.30	·22859	MAR. 3. 9·51	52.31·50	·29811	MAR. 3.13.18	52.29.75	·29789
.13.07	11.14·80	·12·24	·22867	12.10.08	52.33·75	·29807	12·13.57	52.31·93	·29787
12· 9.27	11.22·08	13· 9·12	·22827	17. 9.16	52.31·87	...	17.14.44	52.29.66	·29773
.14.15	11.15·11	·13·26	·22857	24.10.00	52.28·12	·29773	24.12.59	52.27.00	·29758
17. 9.36	11.22·04	20. 9·38	·22785						
.14.15	11.12·61	·12·16	·22853						
24. 9.22	11.21·54	26· 9·05	·22853						
.13.09	11.14 04	·14·39	·22877						

TABLE III.—MAGNETIC DECLINATION (WEST) at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

MARCH 1926.

Hour. / Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
	11° +																
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	17·5	...	...	17·0	16·3	17·7	17·7	18·2	...	22·0	17·0	18·0	16·3	16·0	16·5	17·0	Midnight
1h	16·5	...	...	17·5	16·5	20·0	17·5	18·3	...	19·0	18·0	18·2	18·0	17·0	17·0	17·0	1h
2	16·1	...	...	18·0	16·3	17·5	17·0	18·1	...	19·3	18·0	18·0	18·0	17·0	17·0	17·0	2
3	16·5	...	...	18·0	17·2	19·0	15·8	18·0	...	19·0	16·0	17·0	17·0	15·5	16·2	16·0	3
4	17·2	...	...	17·5	17·7	18·3	15·5	18·0	...	18·0	15·5	17·0	18·3	14·0	16·5	16·0	4
5	17·5	...	...	17·3	17·8	18·0	15·5	18·0	..	17·7	16·2	17·3	18·1	13·8	17·5	16·5	5
6	18·0	...	...	17·8	18·0	15·3	16·3	18·0	...	17·0	16·5	18·0	18·3	13·0	19·0	16·7	6
7	19·5	...	...	19·3	19·8	16·0	18·2	18·0	...	14·3	18·5	19·0	21·5	17·0	20·7	18·0	7
8	20·0	...	...	22·0	21·5	15·0	20·0	20·7	...	14·7	19·3	22·0	22·3	20·0	22·0	21·3	8
9	21·7	...	...	21·5	20·5	15·0	20·5	22·0	...	17·0	23·0	22·2	23·0	20·5	21·0	22·0	9
10	19·5	...	21·7	19·3	18·0	16·0	20·0	22·0	...	18·0	20·0	22·0	20·7	19·0	20·5	20·3	10
11	16·3	...	20·0	18·0	16·0	16·0	18·0	21·3	...	18·0	18·0	22·0	15·0	16·0	19·0	19·0	11
Noon	12·0	...	17·0	16·5	14·5	16·0	16·3	19·0	...	14·5	17·5	19·3	12·0	13·3	14·0	14·3	Noon
13h	14·0	...	15·3	16·0	13·0	15·0	14·5	17·0	...	14·0	16·0	15·0	11·3	11·3	11·5	14·0	13h
14	15·0	...	14·0	14·4	10·0	15·0	13·0	15·3	...	13·8	15·0	14·5	10·0	10·2	9·5	12·2	14
15	16·0	...	13·0	15·8	9·5	15·3	12·2	14·2	...	13·8	13·5	15·0	8·7	12·0	9·5	11·8	15
16	16·5	...	13·8	16·0	8·0	15·8	12·5	14·7	...	14·0	13·0	15·0	11·0	14·5	12·0	13·3	16
17	17·5	...	14·7	16·1	10·7	18·0	14·3	15·8	...	16·0	13·7	15·3	13·0	16·2	14·5	14·7	17
18	18·0	...	16·1	16·7	15·0	19·0	16·2	16·3	...	17·3	14·3	16·0	14·2	16·5	16·2	16·2	18
19	18·0	...	16·0	17·8	16·0	18·3	16·7	16·2	...	17·5	15·8	16·1	16·0	16·2	16·5	16·2	19
20	17·5	...	16·1	16·3	18·0	18·2	16·7	16·2	...	17·3	16·0	16·3	16·0	16·2	16·2	16·5	20
21	18·0	...	16·3	16·7	18·0	18·1	16·7	16·5	...	18·0	17·2	17·2	16·0	16·2	16·2	17·3	21
22	18·0	...	16·3	16·7	18·0	19·3	18·0	16·7	...	17·8	17·0	17·5	16·0	16·0	16·5	17·0	22
23	18·5	...	16·0	16·7	22·0	19·5	18·2	17·0	...	17·8	19·0	17·0	16·0	16·0	16·0	17·5	23

Hour. / Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Day. / Hour.
	11° +																
	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	′	
Midnight	16·7	17·0	19·0	18·2	20·0	17·5	18·2	17·7	17·0	17·7	17·0	17·0	18·0	18·0	17·7	17·6	Midnight
1h	17·0	17·0	20·0	18·5	20·0	18·0	18·0	17·7	17·7	17·7	17·3	17·5	17·7	17·7	18·0	17·9	1h
2	16·2	17·0	18·3	17·0	19·8	18·2	17·7	17·7	18·0	17·7	17·7	17·8	18·0	17·5	18·0	17·6	2
3	17·8	17·3	16·5	17·5	18·0	16·0	16·0	17·5	18·0	17·7	18·0	18·0	17·5	17·0	17·0	17·2	3
4	18·0	16·7	16·5	17·3	18·0	16·0	15·5	17·5	18·3	17·5	18·0	18·2	17·7	17·5	17·8	17·1	4
5	18·3	15·0	16·0	16·0	18·0	16·0	15·3	17·7	18·3	17·5	18·0	18·2	18·2	18·0	18·0	17·1	5
6	18·7	18·0	16·2	16·0	19·0	17·0	15·5	18·0	19·3	17·7	19·0	18·5	18·7	17·0	19·0	17·5	6
7	20·0	18·3	16·5	18·0	20·5	19·8	16·3	19·8	20·0	20·5	20·0	20·0	20·0	20·0	20·3	18·9	7
8	22·0	19.0	18·0	19·8	20·0	21·5	19·7	21·8	20·2	22·0	21·5	19·8	20·3	22·0	21·5	20·4	8
9	22·0	21·0	18·3	19·0	19·0	21·3	21·0	22·2	22·0	21·6	23·3	20·5	20·0	21·5	22·0	20·9	9
10	20·0	20·0	18·0	17·0	18·3	20·0	20·0	20·5	21·5	18·0	21·0	20·0	18·0	17·0	20·7	19·5	10
11	18·3	19·3	16·0	16·5	17·0	18·0	18·5	18·0	18·2	14·6	17·0	18·7	16·0	15·3	16·3	17·5	11
Noon	16·0	17·0	15·3	16·0	15·0	15·0	17·7	16·0	17·0	12·2	14·0	17·0	15·0	15·8	14·0	15·4	Noon
13h	14·0	14·3	14·0	14·0	12·0	14·0	15·0	14·0	15·0	12·0	11·5	16·0	14·7	15·0	12·2	13·9	13h
14	12·3	14·0	14·0	11·0	11·0	13·6	14·0	14·0	14·0	13·0	12·0	14·5	14·3	14·0	12·0	13·1	14
15	12·5	14·0	13·8	13·3	13·0	13·0	13·8	14·2	15·3	14·0	13·0	15·5	14·3	14·3	12·5	13·4	15
16	14·7	13·8	14·0	14·0	13·8	15·0	14·2	14·0	16·0	15·8	14·5	15·8	16·0	15·5	14·0	14·2	16
17	16·0	16·0	15·0	15·0	15·2	16·2	15·3	14·0	17·0	16·0	15·8	16·0	16·5	16·3	16·0	15·4	17
18	16·8	15·8	16·0	16·2	16·2	17·0	16·3	15·5	17·0	16·2	16·0	17·0	16·3	17·3	17·0	16·4	18
19	16·8	15·7	16·0	17·2	16·8	17·5	16·3	15·5	16·7	16·2	16·2	16·7	17·0	17·7	17·3	16·7	19
20	17·0	15·5	16·0	17·2	17·8	17·2	16·5	15·8	16·7	16·2	16·2	16·7	17·3	17·0	17·3	16·7	20
21	17·0	17·3	16·5	17·7	17·5	17·5	16·7	16·0	17·3	16·0	16·2	16·3	17·0	18·0	17·8	17·0	21
22	17·0	17·8	18·0	18·0	18·5	17·2	16·7	16·0	17·5	16·5	17·0	17·2	17·0	18·0	18·0	17·3	22
23	17·0	19·3	17·8	19·8	17·8	18·0	17·2	17·5	17·5	16·5	17·2	17·8	17·8	16·5	18·2	17·8	23

TABLE IV.—MAGNETIC HORIZONTAL FORCE at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber).

MARCH 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. \ Hour.
	·22000 + (C.G.S. UNIT.)																
Midnight	849	...	...	820	839	748	811	810	...	...	833	830	840	832	838	844	Midnight
1h	850	...	...	835	840	739	810	822	...	...	830	820	835	829	838	841	1h
2	853	...	...	829	841	810	820	826	...	...	822	819	832	829	848	843	2
3	853	...	...	835	840	775	825	823	...	...	836	839	839	832	848	850	3
4	854	...	...	840	842	780	826	822	...	...	841	832	833	838	844	858	4
5	854	...	...	841	845	786	822	828	...	...	842	833	835	837	843	852	5
6	854	...	...	841	847	790	824	829	...	...	838	837	839	840	842	853	6
7	850	...	...	843	849	810	829	830	...	...	839	830	834	837	840	854	7
8	...	...	...	848	848	812	825	829	...	...	832	825	830	838	838	856	8
9	...	...	...	845	850	830	820	824	...	...	820	823	830	840	836	...	9
10	...	...	842	842	857	831	812	827	...	...	820	820	840	845	843	...	10
11	...	...	848	847	865	840	830	839	...	...	839	830	858	850	850	...	11
Noon	...	...	861	842	870	822	835	850	...	818	850	841	862	850	859	...	Noon
13h	...	...	864	843	875	813	837	860	...	835	859	828	858	843	858	...	13h
14	...	...	860	841	880	810	836	850	...	835	850	830	855	842	851	...	14
15	...	...	843	840	901	799	827	846	...	823	835	839	848	838	850	...	15
16	...	...	823	842	862	790	817	840	...	803	828	833	843	835	848	...	16
17	...	...	830	846	810	799	820	840	...	790	809	829	837	830	845	...	17
18	...	...	839	842	780	790	828	840	...	809	806	820	830	832	841	...	18
19	...	...	839	838	770	785	830	845	...	814	814	832	826	839	843	...	19
20	...	...	838	839	744	783	833	...	...	816	819	829	825	839	842	...	20
21	...	...	837	840	708	781	828	...	...	820	808	823	828	837	839	...	21
22	...	...	838	837	680	790	815	...	...	822	813	824	833	835	839	...	22
23	...	...	829	832	675	800	809	...	...	825	825	832	833	835	843	...	23

Hour. \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Day. \ Hour
	·22000 + (C.G.S. UNIT.)																
Midnight	...	847	774	822	839	832	840	847	839	849	851	852	839	841	848	830·9	Midnight
1h	...	855	790	830	822	838	838	847	840	850	854	855	840	850	842	831·6	1h
2	...	850	825	857	820	837	834	846	840	851	858	853	844	860	843	837·7	2
3	...	859	818	839	833	840	859	850	841	853	860	859	860	860	852	841·4	3
4	...	848	822	840	832	850	850	850	841	852	861	859	859	860	851	841·4	4
5	...	860	830	838	835	849	857	852	845	851	860	860	855	853	850	842·6	5
6	...	850	835	844	838	835	852	856	841	853	860	860	853	853	850	842·5	6
7	...	855	839	839	831	832	861	859	850	854	862	859	848	851	850	843·5	7
8	...	845	841	836	835	834	860	859	850	855	859	857	850	849	851	842·5	8
9	...	836	845	819	826	829	863	865	850	860	858	862	843	854	858	841·8	9
10	...	833	853	810	830	830	869	873	860	862	860	870	850	859	859	844·7	10
11	...	839	860	831	840	838	868	885	870	860	872	879	850	870	866	853·8	11
Noon	860	839	861	828	854	842	866	880	872	870	877	884	862	880	877	857·5	Noon
13h	867	828	857	830	838	841	860	879	865	873	873	880	873	880	870	854·8	13h
14	863	813	852	825	830	839	850	870	858	870	870	880	860	875	864	850·0	14
15	848	808	847	815	828	830	842	860	852	863	863	856	858	874	856	844·7	15
16	836	798	842	822	829	832	839	839	850	853	859	850	850	866	850	838·1	16
17	849	781	843	829	828	830	840	819	851	851	849	850	841	850	843	831·7	17
18	850	772	843	818	828	832	840	820	850	853	850	840	830	831	839	826·7	18
19	845	755	840	806	826	842	841	827	845	851	853	832	840	840	841	826·8	19
20	846	740	833	816	829	850	841	834	849	850	853	839	845	829	842	826·2	20
21	844	780	823	810	814	840	845	827	851	852	850	832	841	822	846	822·8	21
22	838	771	848	811	835	841	847	822	852	850	853	820	838	821	845	822·6	22
23	840	773	830	825	828	839	849	839	852	852	856	838	850	852	842	826·5	23

TABLE V.—MAGNETIC VERTICAL FORCE AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(*The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber*).

MARCH 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
	·29000 + (C.G.S. UNIT).																
Midnight	816	819	814	815	810	834	811	812	808	828	806	805	800	800	797	794	Midnight
1h	816	815	814	813	810	829	812	812	808	810	806	803	800	799	796	793	1h
2	813	816	816	813	810	823	812	812	808	811	807	803	800	799	796	793	2
3	813	813	811	812	809	822	811	811	808	810	804	801	800	799	793	792	3
4	814	814	812	811	809	822	810	811	808	810	805	802	800	799	794	792	4
5	815	815	813	810	808	820	810	810	808	810	807	803	801	800	795	793	5
6	816	817	813	811	808	819	810	810	808	810	806	805	802	800	797	794	6
7	817	820	819	815	810	816	813	811	810	810	809	810	807	803	802	796	7
8	818	820	822	819	811	811	815	817	812	815	809	811	809	808	803	798	8
9	816	811	820	812	806	813	815	817	810	813	806	810	804	807	796	796	9
10	810	802	812	808	798	813	812	813	804	803	797	803	791	802	789	790	10
11	803	800	804	805	792	811	809	809	799	800	789	798	780	798	782	785	11
Noon	798	790	798	802	788	812	807	801	793	796	787	790	774	790	773	780	Noon
13h	798	795	792	798	786	812	802	795	782	793	788	781	773	785	768	775	13h
14	797	795	790	795	787	814	801	792	781	793	789	781	778	786	770	776	14
15	800	802	792	799	789	816	800	794	783	798	790	784	783	787	775	780	15
16	807	803	800	798	795	813	804	801	790	801	797	790	792	787	781	787	16
17	812	807	807	798	806	815	811	808	803	808	800	796	798	790	787	789	17
18	814	809	809	800	817	814	812	809	807	800	806	799	799	792	789	790	18
19	815	810	809	803	813	813	811	807	805	809	807	800	800	793	790	791	19
20	814	811	810	804	819	812	810	806	800	809	807	801	800	796	790	792	20
21	818	812	812	807	820	813	810	807	800	809	808	802	801	798	792	795	21
22	817	815	813	809	826	818	811	807	807	808	808	803	801	798	796	794	22
23	818	816	815	810	839	814	813	808	819	809	811	802	801	798	795	795	23

Hour. \ Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Day / Hour.
	·29000 + (C.G.S. UNIT).																
Midnight	794	791	800	793	792	790	790	788	790	790	789	789	791	790	791	801·2	Midnight
1h	793	790	800	793	791	790	790	788	790	790	788	788	790	790	790	799·9	1h
2	794	790	800	792	790	790	790	789	790	789	788	788	790	788	790	799·7	2
3	792	790	792	789	790	790	788	789	790	789	788	788	788	788	789	798·4	3
4	792	789	792	790	789	789	789	788	790	789	788	788	788	789	788	798·4	4
5	792	788	792	790	790	788	788	789	790	790	789	789	789	789	789	798·7	5
6	792	790	792	790	789	789	790	789	790	791	790	790	790	790	790	799·3	6
7	796	791	794	792	791	791	790	792	793	794	793	792	792	793	792	801·7	7
8	795	793	796	794	793	793	793	794	796	797	798	793	792	794	793	803·6	8
9	790	796	796	790	791	792	790	790	791	790	793	793	790	790	789	800·7	9
10	781	794	795	789	786	790	788	785	783	782	785	790	782	782	782	794·9	10
11	777	790	790	789	773	787	785	779	779	776	773	781	773	772	779	789·3	11
Noon	774	786	789	788	772	782	780	776	773	772	765	775	770	766	778	784·7	Noon
13h	771	780	789	787	771	775	776	775	772	772	760	772	768	764	780	781·8	13h
14	771	778	790	786	776	776	778	777	772	778	764	773	768	769	781	782·6	14
15	778	781	792	789	781	780	780	781	779	782	771	778	773	773	785	786·3	15
16	783	787	793	791	784	783	782	785	782	789	778	782	779	779	789	790·7	16
17	787	790	793	792	788	785	783	788	785	790	782	784	782	781	790	794·7	17
18	787	790	792	792	789	787	785	789	785	789	783	787	783	785	790	796·4	18
19	788	793	791	793	790	786	785	790	786	780	784	788	789	786	790	796·6	19
20	789	794	790	793	790	786	786	789	788	789	787	789	789	789	790	797·4	20
21	790	801	792	792	790	787	787	789	789	790	788	790	790	790	791	791·7	21
22	790	799	798	793	793	788	788	790	789	790	789	791	791	791	792	800·1	22
23	792	800	792	798	792	789	789	791	789	789	788	792	790	790	793	811·2	23

TABLE VI.—RESULTS of METEOROLOGICAL OBSERVATIONS made at the AEROLOGICAL STATION Vacoas (424·5 metres above mean sea-level) during the MONTH of MARCH 1926.

Month and Day 1926	Observations at 10 a.m.								Temperature of the Air.			Amount of Cloud (Scale 0—10)	Amount of Rain measured at 10 a.m.	Duration of Bright Sunshine	Percentage of Possible Sunshine.
	Atmospheric Pressure.	Temperature of the Air.	Excess of Air Temperature over Evaporation	Temperature of the Dew Point.	Relative Humidity (Sat : 100)	Tension of Aqueous Vapour.	Wind. Direction in degrees.	Wind. Velocity.	Highest.	Lowest.	Range.				
	mbs.	C	C	C	%	mbs.		m.p.s.	C	C	C		m.m.	hrs.	
MAR. 1	966·3	25·8	2·1	22·3	81	26·7	259	2·0	28·0	20·9	7·1	6·2	2·2	6·5	52
2	965·6	26·4	3·4	20·7	71	24·2	303	0·9	28·0	21·4	6·6	3·6	3·8	11·2	89
3	962·8	25·0	2·0	21·6	81	25·5	270	2·7	28·1	20·4	7·7	4·9	0·0	9·3	75
4	962·6	25·1	2·2	21·4	80	25·2	326	2·4	27·3	20·8	6·5	4·4	0·0	8·7	70
5	964·1	25·3	2·7	20·7	76	24·2	34	1·3	27·5	16·5	11·0	3·9	0·0	9·6	77
6	964·2	24·7	3·7	18·4	68	21·0	281	2·9	26·5	15·7	10·8	5·0	0·0	8·6	70
7	965·4	24·4	4·2	17·2	64	19·4	292	3·3	26·1	16.3	9·8	6·6	0·0	6·9	56
8	967·7	23·9	1·8	20·8	83	24·3	270	3·6	25·4	20·4	5·0	9·4	0·0	2·0	16
9	967·7	23·5	2·4	19·4	78	22·3	259	3·6	25·5	20·6	4·9	8·9	2·2	3·0	24
10	965·9	25·0	4·1	18·0	65	20·4	259	0·7	27·9	16·5	11·4	6·1	0·0	8·3	67
11	965·2	25·0	4·5	17·3	62	19·6	90	0·6	28·8	15·7	13·1	3·1	0·0	8·7	71
12	963·8	26·1	3·1	20·9	73	24·5	236	2·7	28·4	19·7	8·7	4·9	0·0	7·9	64
13	963·7	26·0	2·6	21·6	77	25·5	202	1·3	27·0	20·5	6.5	9·2	0·5	7·5	61
14	965·8	25·5	1·6	22·8	85	27·5	213	0·6	28·9	20·6	8·3	7·1	4·6	9·4	77
15	967·2	26·1	3·0	21·0	73	24·6	225	0·6	27·1	20·7	6·4	6·4	0·0	4·8	40
16	967·0	26·0	2·8	21·3	75	25·1	270	4·0	27·9	20·8	7·1	6·5	86·8	10·6	87
17	967·4	25·2	3·2	19·7	72	22·7	281	3·1	26·5	18·7	7·8	4·6	0·0	11·1	91
18	966·8	24·4	1·5	21·8	85	25·9	292	2·0	26·1	20·3	5·8	3·6	0·0	6·8	56
19	966·8	26·0	3·0	20·9	74	24·5	303	3·1	27·6	19·5	8·1	2·2	0·0	10·6	87
20	966·7	25·4	2·6	21·0	77	24·6	303	2·0	26·8	21·2	5·6	5·1	0·0	9·3	77
21	967·1	22·9	0·6	21·8	94	25·9	303	3·8	25·5	20·6	4·9	7·7	2·5	4·1	34
22	965·9	25·8	2·9	20·9	74	24·5	360	0·6	26·1	19·9	6·2	2·6	0·0	11·1	92
23	964·8	25·9	3·7	19·7	69	22·7	303	0·6	26·1	18·1	8·0	3·6	0·0	8·6	72
24	964·3	25·0	1·7	22·1	84	26·3	247	0·6	26·8	20·7	6·1	8·9	2·8	4·7	40
25	966·4	26·2	2·2	22·5	80	27·0	270	0·6	26·1	20·7	5·4	5·4	2·9	5·0	42
26	965·9	25·0	1·8	21·9	83	26·0	270	0·6	25·3	20·9	4·4	9·7	18·2	3·8	32
27	965·8	23·0	0·6	22·0	94	26·2	259	1·1	26·3	20·0	6·3	9·0	14·5	5·2	44
28	966·3	25·2	2·1	21·6	80	25·5	259	1·8	27·3	20·9	6·4	7·4	0·5	7·8	67
29	965·6	25·9	2·9	21·0	74	24·6	303	0·6	27·3	21·0	6·3	7·0	0·0	4·7	39
30	965·6	25·9	3·3	20·3	71	23·6	281	1·8	26·9	21·5	5·4	7·9	0·0	7·9	68
31	964·6	24·2	1·9	20·9	82	24·5	270	4·5	25·3	21·1	4·2	9·7	0·0	2·4	20
Mean	965·6	25·2	2·6	20·8	76·9	24·3	277·1°	1.6	26·9	19·7	7·2	6·2	Sum 141·5	7·29	59·9
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

EXCESS OF CERTAIN ELEMENTS AT PAMPLEMOUSSES OVER THE CORRESPONDING ELEMENTS AT VACOAS.

Mean of the month at 10 a.m.	Atmospheric Presssure	+41·9 mbs
	Temperature of the Air	+ 3·2 C.
	Vapour Tension	+ 1·4mbs
	Relative Humidity	−9·8 %
	Direction of Wind	2·9° E.
	Velocity of Wind	+ 1·1 mps.
	Amount of cloud	− 0·7
	Amount of rain	−72·9 m.m.
	Duration of sunshine	+ 9.7 hrs.
	Mean of highest temperatures	+3·4 C.
	Mean of lowest temperatures	+2·6 C.
	Absolute highest temperature	+3·1 C.
	Absolute lowest temperature	+3·3 C

*South (0); West (8); North (16); East (24)

TABLE VII.—DAILY RESULTS OF METEOROLOGICAL OBSERVATIONS made during the month of MARCH 1926.

Month and Day 1926.	Atmospheric Pressure		Temperature of the Air. (in degrees Centigrade.)					Excess of Air Temp. over Evaporation Temp.	Temperature of the Dew Point. (Centigrade.)		Degree of Humidity (Saturation=100)		Elastic Force of Vapour	Lowest Temperature on the Grass. (Cent.)	Rainfall.		Amount of Evaporation	Mean Amount of Cloud (Scale 0—10.)
	Mean	Excess above Average	Highest	Lowest.	Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average			Amount recorded by the Beckley Pluviograph.	Duration.		
MAR.	mbs.	mbs.	c	c	c	c	c	c	c	c			mbs.	c	mm.	min.	mm.	
1	1006·9	+ 2·1	30·9	24·5	6·4	27·0	+ 1·4	2·2	23·3	+ 1·4	81	+ 1	28·3	22·3	2·2	15	8·0	6·5
2	1006·0	+ 1·1	31·0	24·0	7·0	26·7	+ 1·1	2·6	22·3	+ 0·4	77	— 3	26·7	20·1	0·0	...	5·0	3·3
3	1003·9	— 1·0	30·1	22·0	8·1	26·1	+ 0·6	2·3	22·2	+ 0·3	79	— 1	26·5	19·3	0·7	15	6·4	4·6
4	1003·4	— 1·6	31·3	22·8	8·5	26·2	+ 0·7	2·6	21·8	— 0·1	77	— 3	25·9	18·4	0·3	5	2·3	4·5
5	1005·5	+ 0·5	29·9	22·0	7·9	25·3	— 0·2	1·8	22·2	+ 0·3	83	+ 3	26·5	18·6	13·5	105	5·5	6·4
6	1006·1	+ 1·0	29·3	20·5	8·8	24·9	— 0·6	3·1	19·6	— 2·3	72	— 8	22·6	17·0	0·0	...	6·0	4·6
7	1007·0	+ 1·9	29·0	19·0	10·0	24·4	— 1·1	3·7	18·0	— 3·9	67	— 13	20·4	15·3	0·0	...	8·0	5·9
8	1008·4	+ 3·2	29·0	23·8	5·2	25·6	+ 0·2	2·4	21·5	— 0·4	78	— 2	25·4	20·6	0·1	5	5·3	8·9
9	1008·4	+ 3·2	28·0	22·1	5·9	25·3	— 0·1	3·1	19·8	— 2·0	72	— 8	22·9	16·5	0·0	...	5·4	8·4
10	1006·1	+ 0·8	30·8	20·9	9·9	25·3	— 0·1	3·6	19·2	— 2.6	69	— 12	22·0	16·7	0·0	...	6·0	4·2
11	1006·2	+ 0·9	31·2	19·0	12·2	24·9	— 0·5	3·1	19·6	— 2·2	72	— 9	22·6	15·5	0·0	...	7·0	4·7
12	1005·3	— 0·1	32·0	21·0	11·0	26·4	+ 1·0	2·4	22·3	+ 0·9	78	— 3	26·7	18·6	0·0	...	6·0	5·8
13	1005·4	0·0	31·2	23·6	7·6	26·8	+ 1·5	1·8	23·8	+ 2·0	84	+ 3	29·2	21·6	4·1	15	4·7	7·4
14	1006·9	+ 1·4	31·8	23·8	8·0	27·2	+ 1·9	2·1	23·7	+ 2·0	81	0	29·0	20·3	1·1	25	6·1	6·3
15	1008·0	+ 2·5	31·0	22·2	8·8	26·1	+ 0·8	2·2	22·4	+ 0·7	80	— 1	26·8	19·6	0·0	...	4·0	4·2
16	1008·3	+ 2·7	30·7	23·0	7·7	26·4	+ 1·1	2·7	21·8	+ 0·1	76	— 5	25·9	17·8	0·0	...	6·0	2·8
17	1008·2	+ 2·6	30·1	21·9	8·2	25·8	+ 0·5	3·0	20·7	— 0·9	74	— 7	24·2	19·0	0·0	...	4·7	3·2
18	1007·7	+ 2·0	29·8	23·8	6·0	26·1	+ 0·9	2·6	21·7	+ 0·1	77	— 4	25·7	18·2	0·0	...	6·5	4·3
19	1008·1	+ 2·3	30·8	21·0	9·8	25·8	+ 0·6	2·7	21·2	— 0·4	76	— 5	24·9	17·2	0·0	...	6·2	3·6
20	1008·2	+ 2·4	31·5	21·4	10·1	25·9	+ 0·7	3·0	20·8	— 0·7	73	— 7	24·3	17·8	0·0	...	6·0	3·2
21	1008·3	+ 2·4	30·0	21·3	8·7	24·9	— 0·2	2·5	20·6	— 0·9	77	— 3	24·0	18·3	0·0	...	7·0	4·1
22	1006·9	+ 1·0	31·0	21·0	10·0	25·5	+ 0·4	3·5	19·5	— 1·9	69	— 11	22·4	16·6	0·0	...	6·0	2·2
23	1006·0	0·0	30·9	20·3	10 6	24·5	— 0·6	2·1	20·9	— 0·5	81	+ 1	24·5	16·7	11·2	195	5·8	4·5
24	1005·6	— 0·4	30·1	22·3	7·8	25·8	+ 0·7	2·0	22·4	+ 1·1	81	+ 1	26·8	18·3	0·3	10	4·1	4·6
25	1006·9	+ 0·8	31·1	23·0	8·1	26·5	+ 1·5	2·2	22·8	+ 1·5	80	0	27·5	20·6	1·0	5	5·0	4·0
26	1006·6	+ 0·4	30·2	23·0	7·2	25·5	+ 0·5	1·4	23·1	+ 1·8	87	+ 7	28·0	21·0	28·7	190	6·3	7·5
27	1006·7	+ 0·5	28·8	22·8	6·0	25·6	+ 0·6	1·5	23·1	+ 1·9	86	+ 6	28·0	21·0	0·6	40	4·6	5·5
28	1007·2	+ 0·9	29·7	24·0	5·7	26·1	+ 1·1	2·4	22·0	+ 0·8	78	— 2	26·2	21·6	0·2	5	6·2	7·3
29	1006·5	+ 0·2	28·8	23·4	5·4	25·5	+ 0·6	1·7	22·6	+ 1·5	84	+ 4	27·2	21·6	1·0	10	3·6	9·4
30	1006·2	— 0·2	29·5	24·0	5·5	26·3	+ 1·4	2·5	22·1	+ 1·0	78	— 2	26·3	22·1	0·0	...	7·0	8·0
31	1006·4	0·0	28·7	23·9	4·8	25·5	+ 0·6	2·0	22·1	+ 1·1	81	+ 1	26·3	22·4	3·6	65	5·4	9·5
Mean	1006·7	+ 1·1	30·3	22·3	8·0	25·8	+ 0·5	2·5	21·6	0·0	77·7	— 2·6	25·6	19·1	Sum 68·6	Sum 705	5·7	5·5
Aver.	1005·6	...	28·8	22·3	6·5	25·3	...	2·2	21·6	...	80·3	...	25·5	20·0	238·1	2717	4·5	6·0
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

GENERAL WEATHER CONDITIONS DURING THE MONTH OF MARCH 1926.

Cyclonic activity was very feeble during the month of March. Only one cyclone was observed, passing North and East of Rodrigues.

As a result, except during 5 days, atmospheric pressure was above normal or normal. In the mean for the month, it was 1·1 m.b. above normal.

Air temperature was above normal on 23 days: in the mean for the month, it was 0·5°C. above normal.

Relative humidity was frequently markedly below normal: in the mean it was 2.6% below. The amount of evaporation was above and the amount of cloud below average.

The Velocity of the wind was below normal on all days except the the 17th, when it was normal. In the mean it was 0.98 m.p.s. below normal.

Lightning was seen on the 30th and thunder heard on the 27th.

Rainfall, at the Observatory, was 71% below normal. The departure, for the different districts of the Island was as follows:—

Northern Districts	River System 1,	74% below
Eastern Districts	,, ,, 2, 3, 4,	64% ,,
South-Eastern Districts	,, ,, 5 & 6	63% ,,
Western Districts	River System 11	55% below
	,, ,, 12	69% ,,
	,, ,, 13	no return

July 10th, 1926

TABLE VII.—DAILY RESULTS of METEOROLOGICAL OBSERVATIONS made during the month of MARCH 1926.

Month and Day 1926.	Duration of Bright Sunshine.	Percentage of Possible Sunshine.	Wind: Components. North.	Wind: Components. East.	Wind: Resultant. Direction*.	Wind: Resultant. Velocity.	Wind: Observed Velocity. Mean.	Wind: Observed Velocity. Excess above Average.	Temperature of the Soil at a depth of. 10 Feet.	5 Feet.	2 Feet.	12 inches	6 inches	3 inches	Weather
MARCH.	hrs.	%	m.p.s.	m.p.s.	°	m.p.s.	m.p.s	m.p.s	c	c	c	c	c	c	
1	8·8	70	0·0	+ 2·0	270	2·0	2·1	— 1·3	25·6	27·1	28·7	29·4	29·2	29·6	: cp : f.
2	7·7	62	— 0·9	+ 2·0	294	2·2	2·2	— 1·2	25·7	27·0	28·7	29·4	29·1	29·1	b : f : b.
3	5·9	47	— 0·5	+ 0·4	321	0·6	1·6	— 1·8	25·6	27·0	29·1	29·2	28·6	28·4	b : c : cp: f.
4	7·9	64	— 1·5	+ 1·2	321	1·9	2·0	— 1·4	25·7	27·0	28·8	28·9	28·4	28·5	b : c : cp : b.
5	5·6	45	— 0·7	+ 0·9	308	1·1	1·7	— 1·7	25·8	27·1	28·7	28·7	28·1	27·9	b : c cp : c.
6	8·5	69	— 1·4	+ 1·1	322	1·8	2·0	— 1·4	25·7	27·1	28·6	28·5	27·9	27·8	f : c : f.
7	9·4	76	— 1·6	+ 2·2	306	2·7	2·9	— 0·5	25·7	27·1	28·5	28·3	27·6	27·3	b : f : cg .
8	1·2	9	— 0·4	+ 3·0	278	3·0	3·2	— 0·2	25·7	27·1	28·4	28·3	27·7	27·6	cg : cp.
9	3·1	25	+ 0·1	+ 2·5	268	2·5	2·6	— 0·8	25·7	27·1	28·3	28·2	27·5	27·3	cg : c
10	10·8	88	+ 0·3	+ 1·9	261	1·9	2·0	— 1·4	25·7	27·1	28·3	27·9	27·4	27·4	b : f : c .
11	10·6	86	+ 0·3	+ 1·7	260	1·7	1·7	— 1·7	25·7	27·2	28·2	28·1	27·7	27·8	f .
12	9·6	78	+ 1·5	+ 1·3	221	2·0	2·3	— 1·1	25·8	27·1	28·2	28·4	28·1	28·3	f : c .
13	4·8	39	+ 2·2	+ 1·3	211	2·5	2·5	— 0·9	25·8	27·1	28·3	28·6	28·3	28·3	c : cp.
14	9·1	74	+ 1·8	+ 0·9	207	2·0	2·0	— 1·4	25·8	27·1	28·3	28·7	28·5	28·8	cp : c : f.
15	7·5	61	+ 1·0	+ 1·6	238	1·9	2·1	— 1·3	25·8	27·0	28·4	28·8	28·3	28·3	b : f : c : b.
16	10·8	88	0·0	+ 2·8	270	2·8	2·8	— 0·5	25·9	27·1	28·4	28·6	28·4	28·5	b : f : c.
17	11·4	93	— 1·2	+ 3·0	292	3·2	3·3	0·0	25·8	27·2	28·4	28·7	28·3	28·2	b : f : b.
18	7·5	62	— 1·2	+ 2·8	293	3·0	3·1	— 0·2	25·9	27·3	28·5	28·6	28·2	28·3	f : b.
19	10·3	85	— 1·3	+ 2·3	300	2·6	2·7	— 0·6	25·8	27·1	28·5	28·6	28·3	28·7	b : f .
20	9·1	75	— 1·2	+ 1·8	304	2·1	2·2	— 1·1	25·8	27·1	28·5	28·6	28·4	28·3	b : f : b.
21	7·9	65	— 1·8	+ 2·1	311	2·7	2·8	— 0·5	25·9	27·1	28·4	28·5	28·2	28·0	b : c : b.
22	9·9	82	— 1·8	+ 1·1	329	2·1	2·3	— 1·0	25·8	27·0	28·4	28·5	28·1	28·0	b : f : b.
23	4·6	38	— 0·9	+ 0·9	315	1·3	2·0	— 1·3	25·8	27·2	28·4	28·4	27·7	27·2	b : cp : f.
24	8·6	72	0·0	+ 1·8	270	1·8	2·0	— 1·3	25·9	27·1	28·3	28·1	27·8	27·6	b : cp : c : f:
25	8·4	70	0·0	+ 1·6	270	1·6	1·8	— 1·5	25·8	27·1	28·3	28·4	28·2	28·4	b : f : cp.
26	5·7	47	+ 0·4	+ 1·6	256	1·6	2·0	— 1·3	25·9	27·1	28·3	28·8	28·3	28·2	cp .
27	7·8	65	0·0	+ 2·5	270	2·5	2·6	— 0·7	25·9	27·1	28·3	28·6	27·7	28·0	f : c : cpt : f .
28	9·1	76	+ 0·2	+ 2·4	265	2·4	2·5	— 0·8	25·8	27·1	28·4	28·6	28·2	28·5	cp : c : cg.
29	2·6	14	— 0·2	+ 2·0	276	2·0	2·0	— 1·3	25·9	27·2	28·4	28·7	28·2	28·3	cg : cp : og .
30	9·1	76	— 0·7	+ 2·9	284	3·0	3·1	— 0·2	25·9	27·1	28·4	28·6	28·3	28·5	og : cg : cgl .
31	2·5	12	— 1·0	+ 2·9	289	3·0	3·2	— 0·1	25·9	27·1	28·4	28·6	28·1	28·0	cg : ogp .
Mean	7·61	61·7	—0·34	+ 1·89	280·2	1·92	2·37	—0·98	25·79	27·10	28·46	28·60	28·17	28·17	...
Average	6·95	56·8	—0·60	+ 2·38	284·2	2·45	3·35	...	25·33	27·15	...	...	..	...	...
Column	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33

MEANS AND EXTREMES OF CERTAIN METEOROLOGICAL ELEMENTS DURING THE MONTH OF MARCH 1926.

Element	Highest			Date	Lowest		Date
Atmospheric Pressure	1010·0mbs	at	9h	on 9th	1002·1mbs	at 16h	on 3rd
Temperature of the Air	32·0C	at	15·05	on 12th	19·0C	at 2.45 / 5.25	on 7th / on 11th
Daily range of temperature of the Air...	12·2C		...	on 11th	4·8C	...	on 31st
Temperature of the Dew Point	25·2C	at	13h	on 5th	16·7C	at 12h	on 7th
Daily range of temperature of the Dew Point	4·9C	...	...	on 5th	1·3C	...	on 29th
Relative humidity...	97·1%	at	21h	on 31st	47·2%	at 11h	on 10th
Wind Velocity	5·6 m.p.s.	at	14h / 15h	on 21st / on 22nd	0·6 mps	often	often
Rainfall	29·7mm.	ending	22h	on 26th	...	...	...
Temperature of the soil at 3 ins. ...	31·3C	at	18h	on 1st	25·5C	at 6h	on 7th
,, ,, at 6 ins. ...	30·0C	at	18h	on 1st	26·2C	at 9h	on 27th
Duration of sunshine...	10·8 hrs.		...	on 10th & 16th	1·2 hrs.	...	on 8th
Amount of Evaporation in 24 hours	8·0 mm.		...	on 1st & 7th	2·3 m.m.	...	on 4th
Vapour Tension	31·7mbs	at	13h	on 5th	18·8 mbs	at 12h	on 7th
Minimum on Grass	...		...	...	15·3C	...	on 7th

Number of Days Overcast, 8, Clear 2, of Rain 15, of Lightning 1, of Thunderstorm 1

Mean Day Temperature of Air, 27·81C. Average, 26·86C. Mean Night Temperature of Air, 23·81C. Average, 23·57C.

*South (0°); West (90°); North (180°); East (270°).

TABLE VIII.—ATMOSPHERIC PRESSURE IN MILLIBARS AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(The values are corrected for temperature and for the effect of gravity, but are not reduced to sea level. (The cistern of the barometer is 55·2 metres above mean sea-level.)

MARCH 1926.

When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.

Hour \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
Midnight	0088	0074	0059	0042	0051	0066	0072	0089	0095	0078	0069	0070	0058	0070	0089	0085	Midnight
1h	0081	0070	0052	0039	0050	0061	0070	0081	0091	0071	0062	0065	0053	0065	0083	0080	1h
2	0075	0066	0049	0030	0049	0057	0065	0074	0088	0064	0059	0059	0050	0060	0080	0078	2
3	0071	0060	0040	0024	0041	0051	0061	0070	0084	0060	0051	0053	0049	0057	0076	0076	3
4	0071	0060	0040	0025	0042	0051	0060	0070	0085	0060	0051	0052	0050	0054	0076	0075	4
5	0068	0059	0039	0025	0049	0052	0062	0072	0086	0060	0053	0053	0051	0057	0078	0077	5
6	0060	0060	0040	0026	0050	0056	0066	0076	0089	0063	0060	0058	0052	0060	0078	0080	6
7	0063	0062	0041	0030	0055	0060	0066	0080	0092	0070	0069	0058	0055	0065	0080	0081	7
8	0071	0069	0043	0032	0060	0064	0066	0089	0099	0073	0071	0057	0057	0071	0089	0089	8
9	0077	0070	0046	0038	0061	0065	0065	0090	0100	0079	0077	0057	0058	0075	0090	0090	9
10	0079	0071	0049	0039	0060	0065	0067	0092	0099	0078	0076	0052	0059	0075	0090	0090	10
11	0076	0070	0042	0036	0058	0061	0069	0091	0098	0074	0072	0050	0057	0074	0090	0089	11
Noon	0070	0063	0039	0031	0057	0058	0070	0089	0090	0063	0060	0050	0050	0071	0081	0081	Noon
13h	0066	0059	0030	0029	0050	0051	0064	0082	0081	0050	0050	0048	0047	0069	0074	0077	13h
14	0061	0051	0029	0028	0049	0051	0062	0079	0077	0041	0049	0041	0045	0061	0070	0072	14
15	0052	0050	0022	0023	0048	0050	0061	0078	0073	0035	0049	0039	0040	0060	0065	0070	15
16	0055	0049	0021	0027	0042	0050	0062	0079	0071	0034	0050	0039	0040	0060	0065	0069	16
17	0060	0049	0026	0028	0049	0052	0068	0081	0070	0035	0053	0041	0042	0063	0070	0071	17
18	0061	0050	0030	0031	0052	0060	0074	0082	0071	0046	0059	0050	0050	0069	0072	0078	18
19	0068	0051	0038	0040	0060	0068	0079	0089	0073	0055	0061	0056	0057	0074	0079	0082	19
20	0070	0057	0039	0046	0067	0072	0082	0090	0075	0060	0067	0059	0061	0080	0082	0090	20
21	0074	0060	0040	0050	0070	0080	0089	0091	0078	0068	0070	0059	0068	0087	0089	0098	21
22	0076	0060	0047	0051	0070	0080	0090	0097	0080	0070	0072	0060	0070	0090	0090	0099	22
23	0077	0060	0048	0052	0068	0078	0089	0099	0080	0070	0071	0057	0070	0089	0089	0098	23

When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.

Hour \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Day / Hour
Midnight	0098	0082	0086	0090	0090	0083	0070	0062	0070	0073	0070	0081	0079	0070	0070	1007·5	Midnight
1h	0092	0080	0087	0088	0088	0080	0067	0059	0066	0070	0064	0080	0077	0065	0066	1007·1	1h
2	0088	0079	0080	0081	0083	0078	0061	0053	0060	0064	0061	0073	0070	0059	0063	1006·6	2
3	0081	0074	0080	0078	0080	0073	0060	0050	0059	0065	0059	0070	0068	0054	0057	1006·2	3
4	0079	0073	0079	0074	0080	0070	0058	0049	0060	0060	0060	0067	0067	0055	0054	1006·2	4
5	0079	0073	0080	0075	0082	0071	0058	0050	0061	0061	0060	0068	0067	0056	0058	1006·3	5
6	0080	0079	0080	0079	0089	0071	0060	0052	0069	0062	0062	0070	0068	0059	0057	1006·5	6
7	0080	0081	0080	0081	0091	0078	0063	0053	0073	0069	0063	0070	0062	0061	0061	1006·8	7
8	0088	0085	0089	0087	0095	0080	0070	0060	0080	0070	0071	0079	0060	0070	0063	1007·2	8
9	0092	0089	0091	0090	0095	0080	0070	0061	0081	0077	0075	0080	0070	0072	0069	1007·5	9
10	0090	0088	0090	0090	0092	0080	0068	0059	0081	0073	0075	0080	0078	0071	0068	1007·5	10
11	0086	0085	0088	0089	0090	0073	0063	0054	0079	0072	0071	0079	0075	0070	0067	1007·3	11
Noon	0081	0080	0080	0081	0082	0065	0056	0051	0070	0065	0068	0071	0070	0063	0061	1006·7	Noon
13h	0073	0071	0072	0077	0073	0059	0049	0049	0065	0059	0062	0068	0061	0058	0060	1006·1	13h
14	0070	0063	0068	0070	0070	0052	0048	0042	0059	0054	0059	0060	0057	0051	0059	1005·6	14
15	0069	0060	0065	0068	0068	0051	0045	0041	0054	0050	0055	0059	0051	0049	0058	1005·4	15
16	0070	0060	0067	0068	0068	0052	0050	0042	0059	0051	0058	0057	0050	0054	0059	1005·4	16
17	0071	0060	0070	0070	0070	0059	0050	0049	0061	0058	0060	0060	0051	0055	0062	1005·7	17
18	0079	0069	0072	0078	0075	0060	0051	0053	0068	0061	0063	0064	0053	0056	0062	1006·1	18
19	0081	0073	0080	0086	0080	0067	0056	0061	0070	0070	0070	0069	0060	0062	0069	1006·7	19
20	0085	0080	0086	0089	0083	0070	0060	0068	0072	0071	0078	0073	0066	0070	0072	1007·1	20
21	0088	0089	0090	0093	0089	0070	0065	0070	0079	0077	0080	0079	0070	0071	0073	1007·6	21
22	0088	0090	0092	0098	0090	0071	0070	0074	0080	0079	0082	0081	0071	0071	0078	1007·8	22
23	0084	0089	0091	0093	0089	0071	0068	0073	0078	0075	0082	0082	0070	0071	0076	1007·7	23

TABLE IX.—AMOUNT OF CLOUD at every HOUR of the DAY (0 = CLEAR SKY, 10 = OVERCAST SKY).

Hour. \ Day.	March 1926.																															Mean.
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	
Midnight	8	2	0	3	1	6	2	9	8	3	4	1	5	7	0	0	0	0	0	2	0	0	0	1	0	8	2	5	9	10	9	3·4
1h	9	2	0	2	1	5	2	9	9	2	3	1	4	8	0	0	0	2	0	1	0	0	0	1	0	7	1	6	9	10	9	3·3
2	10	2	0	3	1	5	2	9	9	2	3	1	5	9	0	1	0	1	0	1	0	0	0	1	0	9	0	6	9	10	10	3·5
3	10	3	0	4	2	4	2	9	10	1	4	1	4	10	0	1	0	9	0	0	0	0	0	0	0	10	3	8	10	10	10	4·0
4	9	2	0	2	2	3	2	9	10	1	3	2	5	10	0	1	1	8	0	1	1	0	0	1	0	9	3	9	10	10	9	4·0
5	7	2	1	3	2	4	2	8	10	1	3	3	5	10	1	2	2	7	0	1	2	1	0	3	0	9	3	9	10	8	9	4·1
6	8	2	1	2	2	1	3	9	10	2	4	4	8	9	4	3	4	5	1	1	4	2	1	9	2	9	4	10	9	8	9	4·8
7	8	3	2	2	2	1	3	9	8	2	8	4	8	9	4	3	4	8	1	2	6	2	1	8	2	5	8	8	10	7	9	5·1
8	8	3	7	2	7	2	5	9	8	3	7	5	7	8	5	3	5	7	2	3	7	5	0	9	4	7	6	7	10	5	9	5·7
9	8	3	7	2	7	2	5	9	8	5	6	5	7	9	6	5	6	4	3	5	9	6	1	9	6	7	6	7	9	5	9	6·0
10	7	5	8	7	7	3	5	10	9	4	3	6	8	8	5	5	7	6	5	4	9	6	4	8	5	9	7	6	9	5	9	6·4
11	7	5	9	8	9	4	6	9	9	6	3	8	8	8	6	4	6	7	5	7	8	7	6	7	6	9	8	6	9	6	9	6·9
Noon	8	6	8	8	10	7	6	9	9	4	4	8	9	9	8	7	5	7	6	4	9	4	9	7	5	8	8	5	10	4	9	7·1
13h	9	8	9	9	10	9	5	9	9	3	4	8	9	8	9	5	6	6	6	6	9	3	9	6	5	9	8	5	9	6	9	7·3
14	9	6	9	9	10	9	7	10	9	3	4	8	8	7	9	5	6	6	5	6	9	4	9	7	3	7	8	5	9	7	10	7·2
15	5	7	9	9	9	8	6	10	9	3	6	8	8	7	9	3	5	5	5	7	8	4	9	8	3	8	8	6	7	9	10	7·0
16	6	6	9	8	8	8	8	10	9	5	7	8	9	6	9	4	5	5	5	7	6	3	9	8	6	8	8	7	8	9	10	7·2
17	7	4	9	7	7	8	9	10	9	8	8	9	10	5	9	4	4	4	4	6	5	3	9	5	9	8	8	7	9	9	10	7·2
18	8	3	7	7	7	8	10	9	9	9	9	9	10	4	9	4	3	3	4	5	4	2	9	5	7	9	8	8	10	9	10	7·0
19	5	2	5	6	9	6	10	9	8	9	8	10	9	3	7	5	3	2	5	4	2	1	8	3	5	10	7	8	10	8	10	6·4
20	2	1	3	2	9	4	10	8	6	8	4	9	8	1	2	2	2	1	7	3	1	0	4	2	4	8	5	9	10	9	10	5·0
21	1	2	1	1	10	2	10	6	8	6	4	8	7	0	0	1	0	0	9	2	0	0	8	2	3	6	3	9	10	10	10	4·5
22	1	1	2	1	10	1	9	7	7	5	2	7	8	0	0	0	2	0	7	1	0	0	7	1	8	3	4	9	10	10	10	4·3
23	0	1	2	1	9	2	9	8	4	5	2	5	8	0	0	0	1	0	5	0	0	0	4	0	9	0	4	8	10	9	10	3·7

TABLE X.—DURATION of BRIGHT SUNSHINE at every HOUR of the DAY as recorded by the CAMPBELL-STOKES SUNSHINE RECORDER.

Hour* Ending \ Day.	March 1926.																															Total.
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	
	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	hrs.
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0
7	35	55	55	58	58	57	36	0	1	52	20	38	0	33	40	17	38	27	40	42	10	45	40	6	35	28	0	0	0	20	1	14·8
8	60	60	60	60	60	60	60	12	58	60	60	60	58	21	56	60	60	55	60	60	42	53	60	45	60	33	50	2	0	58	1	25·1
9	52	58	54	59	52	60	60	26	58	60	60	60	55	53	48	58	60	50	60	60	25	60	60	28	55	50	58	55	35	52	16	26·6
10	60	38	5	51	25	60	60	3	0	60	60	60	30	42	32	55	60	28	60	58	28	52	58	55	55	40	40	60	49	58	35	22·9
11	60	59	42	10	21	59	60	8	0	60	60	60	4	58	53	58	60	30	60	58	25	30	30	58	60	0	8	58	10	59	26	20·7
Noon	60	60	30	32	0	60	55	6	13	60	60	55	53	24	45	59	60	40	59	58	50	30	5	57	60	30	18	59	0	56	40	21·6
13h	25	57	10	58	0	30	60	1	0	60	60	40	21	58	42	59	60	5	60	40	50	42	25	32	60	55	50	60	28	60	16	20·4
14	55	55	2	10	0	10	60	0	12	60	60	36	20	54	40	60	60	14	60	21	45	60	0	32	60	25	60	59	7	60	7	18·4
15	60	1	31	35	11	3	55	10	5	60	60	55	20	57	5	60	60	60	60	8	60	60	0	55	55	50	60	58	23	60	6	20·0
16	42	0	16	35	57	56	56	1	18	47	60	59	20	48	55	60	60	60	55	45	60	60	0	54	3	30	55	59	2	56	0	20·5
17	20	5	52	56	28	56	4	6	22	57	60	55	6	50	33	58	60	58	45	60	60	60	0	59	0	0	56	50	0	5	0	18·0
18	0	12	0	7	25	0	0	0	2	14	14	0	0	50	2	44	45	20	0	35	22	40	0	35	0	0	14	29	0	0	0	6·8
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0·0

The total amount of registered sunshine was 235·8 hours and the total possible sunshine 377·4 hours.

* Reckoned from apparent midnight.

TABLE XI.—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(*To obtain temperatures on the Absolute Scale add* 273)

MARCH 1926.

Day. / Hour.	1d.		2d.		3d.		4d.		5d.		6d.		7d.		8d.		Day. / Hour
	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	
Midnight	25·4	0·7	24·9	1·0	24·8	1·5	24·8	1·5	23·5	1·4	23·1	1·0	20·3	1·3	24·4	2·4	Midnight
1h	25·3	0·9	24·9	1·0	23·9	1·2	23·9	1·1	22·7	1·4	22·9	1·0	20·0	1·1	24·1	1·5	1
2	25·2	0·7	24·7	0·9	23·9	1·5	24·0	1·1	22·3	1·1	23·0	1·0	19·3	1·3	24·2	1·4	2
3	25·0	0·8	24·5	0·7	23·5	1·1	23·0	0·9	22·0	1·0	22·8	1·3	19·1	1·1	24·0	1·3	3
4	24·8	0·8	24·3	0·8	23·0	1·0	23·2	1·0	22·0	0·8	22·2	1·3	19·6	1·2	24·0	1·3	4
5	24·8	0·8	24·5	1·0	22·9	1·2	23·3	1·2	22·0	0·9	21·5	1·2	19·6	1·1	23·9	1·2	5
6	25·1	0·7	24·2	0·9	22·0	0·8	22·8	1·0	22·2	0·7	21·0	1·1	19·9	1·2	23·9	1·2	6
7	26·0	1·0	25·3	0·9	24·0	0·8	24·1	0·6	23·3	0·8	21·2	0·9	21·3	1·3	24·4	1·4	7
8	28·0	2·2	27·8	2·6	27·5	3·2	27·0	2·6	27·1	2·6	26·0	3·4	25·8	4·4	26·1	2·1	8
9	28·7	3·3	28·7	3·7	28·0	3·5	28·2	4·0	28·5	4·4	27·5	4·0	27·0	5·1	26·8	3·0	9
10	29·2	3·4	29·0	4·0	27·3	2·9	30·2	5·0	28·4	4·3	28·0	4·7	27·0	5·0	27·2	3·3	10
11	30·0	4·0	29·5	4·5	28·4	3·4	29·5	4·9	28·0	3·0	28·7	5·5	28·0	6·3	27·9	4·2	11
Noon	30·4	4·9	30·0	4·8	29·8	4·8	30·2	5·2	27·0	1·6	29·2	5·6	28·0	6·8	28·1	4·1	Noon
13h	29·1	4·1	31·0	6·0	28·4	3·3	30·0	5·0	26·9	1·0	28·3	5·3	28·4	7·0	28·2	3·8	13h
14	30·1	4·4	29·2	4·3	28·0	3·0	27·3	2·5	27·2	1·4	28·6	5·4	28·4	6·9	27·2	2·9	14
15	29·6	4·9	29·0	4·0	29·0	3·0	29·0	4·0	27·4	1·4	28·0	5·0	28·1	6·7	27·5	3·5	15
16	28·9	3·9	28·3	4·1	28·5	2·5	28·1	3·7	28·3	3·7	28·8	4·8	27·9	6·3	27·0	3·6	16
17	27·1	2·3	27·8	3·9	28·6	2·9	28·7	4·7	27·7	3·7	27·6	4·7	26·7	5·2	26·9	3·5	17
18	27·1	1·7	27·3	3·7	27·3	3·4	27·7	3·7	26·0	2·2	26·1	4·3	26·0	4·4	26·2	3·3	18
19	26·7	2·0	26·2	2·9	26·3	2·5	26·4	2·7	25·7	1·8	25·0	3·5	24·9	3·6	25·1	2·3	19
20	25·9	1·5	25·7	2·4	26·0	2·1	25·5	2·0	25·7	1·7	24·2	3·3	24·7	3·4	24·7	1·8	20
21	25·4	1·1	25·0	1·8	25·5	1·8	24·8	1·8	24·8	1·5	23·1	2·9	24·8	3·1	24·6	1·7	21
22	25·1	1·1	25·0	1·2	25·2	1·9	24·1	1·4	24·6	0·9	22·2	2·3	24·9	3·0	24·5	1·5	22
23	25·0	1·1	25·0	1·2	25·4	1·7	23·7	1·5	24·0	1·0	21·1	1·9	24·5	2·6	24·5	1·6	23

Day. / Hour.	9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.		Day. / Hour
	Air	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	
Midnight	24·5	2·3	22·1	1·2	21·8	1·5	22·5	1·2	26·0	1·1	25·8	0·9	23·8	1·0	23·9	0·9	Midnight
1h	24·2	2·2	21·9	1·2	21·0	1·1	22·1	1·0	25·6	1·3	25·7	0·7	23·3	0·9	23·9	0·9	1h
2	24·0	2·0	22·3	1·3	20·5	1·2	21·9	0·9	24·9	1·0	25·9	1·0	23·0	0·8	23·8	0·8	2
3	23·7	1·7	22·0	1·2	20·2	1·0	21·7	0·8	24·6	0·8	25·5	0·7	22·9	0·9	24·0	0·8	3
4	23·4	1·5	21·4	1·2	20·0	1·0	21·3	0·6	24·2	0·8	25·2	0·6	22·6	0·7	24·3	1·0	4
5	23·7	1·8	21·3	1·2	19·2	0·8	21·2	0·4	23·8	0·8	25·1	0·8	22·8	0·9	23·8	0·9	5
6	23·9	1·1	21·0	1·0	19·2	0·9	21·3	0·5	24·0	0·9	24·8	0·8	22·3	0·5	24·0	1·0	6
7	24·9	2·2	22·3	1·3	20·2	0·9	23·0	0·7	24·7	0·7	25·9	0·8	24·0	0·5	24·2	0·4	7
8	26·4	3·4	26·3	3·3	24·8	2·3	27·1	2·4	27·0	1·4	26·2	1·1	27·0	1·4	27·0	2·1	8
9	27·5	4·0	27·9	5·0	27·3	4·0	28·1	3·2	28·0	2·4	28·3	2·3	27·6	1·7	28·5	3·4	9
10	27·3	5·3	28·8	6·4	28·3	5·3	29·6	3·9	28·8	2·8	29·4	3·4	29·0	3·3	29·0	3·8	10
11	27·3	4·9	29·3	7·5	30·0	5·2	30·0	4·2	29·4	3·4	30·0	4·0	29·5	3·6	29·8	4·6	11
Noon	28·0	4·6	29·5	7·0	31·0	6·2	31·0	5·2	30·5	4·5	29·6	3·6	30·0	4·6	30·1	4·9	Noon
13h	27·2	4·6	30·3	7·3	30·2	6·3	30·0	4·3	30·0	3·9	31·0	4·2	30·5	4·5	30·3	5·3	13h
14	27·0	4·8	29·8	6·5	29·8	5·8	30·1	4·2	29·1	3·0	31·0	4·5	31·0	5·0	30·0	5·6	14
15	27·0	4·8	29·8	6·0	29·5	5·7	31·4	5·2	29·8	3·8	31·0	4·7	28·9	3·9	29·9	5·2	15
16	27·4	4·6	29·0	5·7	29·0	5·6	30·3	4·8	29·0	2·7	29·5	4·0	28·6	4·3	29·0	4·8	16
17	26·7	4·2	27·9	5·9	28·3	5·0	29·6	3·8	28·0	2·3	28·8	3·6	28·1	3·9	28·0	3·8	17
18	26·0	3·9	26·3	4·7	27·0	4·1	28·5	3·4	26·4	1·2	28·3	3·0	27·2	3·0	27·0	3·3	18
19	25·1	2·9	25·0	3·2	26·0	3·1	27·3	2·1	26·3	1·2	27·2	2·2	26·0	2·0	26·0	2·7	19
20	23·3	1·5	23·8	2·6	24·5	3·2	26·2	1·8	26·2	1·1	26·0	1·7	25·3	1·6	25·7	2·5	20
21	24·0	1·8	23·0	1·9	23·4	1·4	25·6	1·5	26·1	1·1	25·0	1·1	24·5	1·2	24·7	2·0	21
22	23·7	2·2	23·4	2·0	23·5	1·6	26·0	1·2	25·7	0·9	24·4	1·0	24·6	1·4	23·9	1·9	22
23	23·0	1·7	22·0	1·4	22·9	1·1	25·9	1·2	25·9	1·0	24·0	1·0	24·2	1·2	23·8	1·8	23

TABLE XI. (*Contd.*)—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(*To obtain temperatures on the Absolute Scale add 273*)

MARCH 1926

Day / Hour	17d. Air.	17d. Excess of Air over Evap.	18d. Air.	18d. Excess of Air over Evap.	19d. Air.	19d. Excess of Air over Evap.	20d. Air.	20d. Excess of Air over Evap.	21d. Air.	21d. Excess of Air over Evap.	22d. Air.	22d. Excess of Air over Evap.	23d. Air.	23d. Excess of Air over Evap.	24d. Air.	24d. Excess of Air over Evap.	Day / Hour
Midnight	23·0	1·6	24·0	1·8	24·3	1·5	24·4	1·4	22·5	1·5	21·8	1·6	20·9	1·4	23·8	0·9	Midnight
1h	22·3	1·5	23·9	1·8	23·9	1·6	24·0	1·3	22·1	1·3	21·9	1·4	20·6	1·3	23·3	0·6	1h
2	22·1	1·4	23·9	1·7	23·1	1·2	23·3	1·2	22·3	1·1	21·9	1·0	21·0	1·2	23·1	0·8	2
3	22·0	1·2	24·0	1·6	22·1	1·1	22·8	1·2	22·0	1·1	22·8	1·7	20·3	1·0	23·0	0·9	3
4	21·9	1·1	24·0	1·0	21·5	0·8	22·4	1·0	21·4	1·0	22·2	1·2	20·8	1·0	22·6	0·9	4
5	21·9	0·9	23·8	1·5	21·2	0·8	21·9	1·0	21·4	0·8	23·0	1·4	20·4	0·7	23·1	0·8	5
6	22·2	0·9	24·0	1·8	21·5	1·0	21·7	0·8	21·8	1·0	23·2	1·8	20·6	0·8	23·7	0·8	6
7	24·7	1·7	24·4	1·4	23·0	1·0	23·3	1·0	23·2	0·7	23·7	1·7	22·0	0·8	23·5	0·5	7
8	26·8	2·8	26·3	2·4	25·5	1·6	27·0	3·0	25·8	1·9	25·9	3·0	26·5	3·2	25·7	1·3	8
9	27·9	3·9	28·1	3·7	27·2	3·2	27·6	3·6	25·0	1·6	28·0	4·8	28·7	5·1	25·4	1·1	9
10	28·5	4·7	28·0	3·8	28·6	4·7	29·2	5·2	27·0	3·5	29·5	5·6	28·8	5·5	28·0	2·6	10
11	29·9	6·0	28·2	3·2	28·7	4·6	30·0	5·5	27·0	3·0	29·0	5·0	29·0	5·0	28·8	3·9	11
Noon	29·2	5·2	28·5	3·7	29·8	5·6	30·2	5·2	27·6	3·8	30·0	6·0	28·3	4·4	28·8	3·8	Noon
13h	29·5	5·5	28·7	3·9	29·9	5·4	30·2	5·9	28·6	4·7	30·5	7·3	30·5	6·7	29·7	4·7	13h
14	29·8	5·8	29·5	4·6	30·0	5·3	29·8	5·3	29·0	5·0	30·7	7·4	26·8	2·1	29·0	4·0	14
15	29·7	5·7	29·7	4·8	30·2	5·4	29·0	5·2	29·2	5·2	30·1	6·7	26·3	1·8	29·5	4·6	15
16	29·1	4·8	29·1	4·5	28·8	4·5	29·3	5·0	29·0	5·1	29·0	6·1	24·5	1·1	28·7	3·7	16
17	28·0	4·4	27·9	3·7	28·0	4·0	28·0	4·3	27·8	4·5	28·0	5·2	24·3	1·1	28·0	3·6	17
18	26·8	3·3	26·8	3·1	26·9	3·2	27·0	3·9	26·4	3·4	26·4	4·3	24·9	1·0	27·0	2·1	18
19	25·5	2·5	25·8	2·2	25·7	2·3	25·8	2·9	25·4	2·5	25·0	3·4	24·7	1·4	25·6	1·8	19
20	24·9	2·0	25·0	1·7	25·1	1·8	25·0	2·3	24·8	2·5	24·0	2·7	24·1	1·1	25·0	1·2	20
21	24·3	1·7	24·9	1·9	25·3	1·9	24·6	2·3	24·0	2·0	23·1	2·1	24·3	1·3	24·4	1·1	21
22	24·0	1·7	24·1	1·4	24·9	1·7	23·4	1·7	23·0	1·7	22·3	1·7	24·3	1·3	24·3	1·1	22
23	24·0	1·8	24·2	1·3	24·7	1·7	22·7	1·5	22·6	1·4	21·3	1·4	24·1	0·9	24·3	0·8	23

Day / Hour,	25d. Air.	25d. Excess of Air over Evap.	26d. Air.	26d. Excess of Air over Evap.	27d. Air.	27d. Excess of Air over Evap.	28d. Air.	28d. Excess of Air over Evap.	29d. Air.	29d. Excess of Air over Evap.	30d. Air.	30d. Excess of Air over Evap.	31d. Air.	31d. Exces of Air over Evap.	Mean Air.	Mean Excess of Air over Evap.	Day / Hour
Midnight	24·2	0·7	24·5	0·7	23·1	0·5	25·0	1·8	24·1	1·0	24·5	1·4	24·8	2·5	23·8	1·3	Midnight
1h	24·3	0·8	24·9	0·9	23·3	0·5	24·7	1·2	24·1	1·1	24·4	0·9	24·2	2·0	23·5	1·2	1h
2	24·1	0·7	24·6	0·7	23·0	0·6	24·4	1·2	24·0	1·0	24·8	1·1	24·1	2·0	23·3	1·1	2
3	24·1	0·7	24·4	0·5	23·6	0·6	24·7	1·5	23·8	0·9	24·2	0·9	24·4	2·5	23·1	1·1	3
4	23·8	0·7	23·9	0·6	23·9	0·7	24·4	1·3	23·4	0·7	24·2	0·9	24·2	2·5	22·9	1·0	4
5	23·4	0·5	24·0	0·6	23·7	0·6	24·1	1·1	23·5	0·7	24·1	0·8	24·3	2·6	22·8	1·0	5
6	23·2	0·5	23·9	0·6	23·3	0·6	24·0	1·0	23·5	0·7	24·4	1·3	24·0	2·2	22·8	1·0	6
7	23·9	0·4	24·3	0·4	24·3	0·5	24·2	0·9	23·8	0·9	25·0	1·8	24·0	2·0	23·7	1·0	7
8	27·0	2·0	25·1	1·1	25·8	0·8	25·8	1·7	25·0	1·1	27·0	2·5	25·8	2·3	26·4	2·3	8
9	28·3	2·9	26·8	1·5	27·0	1·9	27·9	3·9	27·3	2·5	27·9	3·1	26·6	2·6	27·6	3·3	9
10	29·0	3·7	28·0	3·0	26·8	2·2	28·6	3·7	27·8	3·0	28·5	3·5	28·0	3·3	28·4	4·0	10
11	30·0	4·0	26·1	1·2	27·0	2·1	28·5	4·5	27·0	2·6	28·9	4·4	28·0	3·5	28·7	4·2	11
Noon	30·0	5·0	27·8	2·1	28·0	3·0	29·0	4·2	26·3	2·0	29·0	4·0	28·0	3·5	29·1	4·5	Noon
13h	30·5	5·3	29·0	4·0	27·2	2·2	29·5	4·5	27·3	2·3	29·0	4·5	26·8	2·0	29·2	4·7	13h
14	30·6	4·9	27·0	2·0	28·0	3·0	28·5	4·0	27·9	2·9	29·0	4·4	27·8	3·6	28·9	4·3	14
15	30·7	5·0	30·0	4·3	28·0	3·0	28·9	4·0	28·0	3·2	29·3	4·9	27·8	3·1	29·1	4·5	15
16	28·9	3·4	29·9	4·3	27·5	2·7	28·2	3·6	27·3	3·1	28·2	3·8	27·2	2·4	28·5	4·1	16
17	27·7	3·0	26·5	1·5	27·0	2·7	27·3	3·3	26·7	2·7	27·0	3·1	24·7	1·0	27·5	3·6	17
18	27·2	2·5	25·5	0·6	26·4	1·8	26·9	3·0	26·0	1·9	26·2	2·5	25·0	0·9	26·6	2·9	18
19	26·0	1·8	23·3	0·0	25·2	1·1	25·3	1·6	25·5	1·5	25·7	1·9	24·7	0·8	25·6	2·2	19
20	25·3	1·2	23·7	0·7	25·0	1·0	24·9	1·4	25·0	1·2	25·3	1·9	24·8	0·8	25·0	1·9	20
21	25·0	0·9	23·7	0·7	25·0	1·1	24·8	1·4	25·0	1·1	25·0	1·7	24·2	0·3	24·6	1·6	21
22	25·0	0·7	23·2	0·6	25·2	1·4	24·3	1·0	25·0	1·2	25·0	2·1	24·6	0·6	24·3	1·5	22
23	24·8	0·7	23·1	0·6	25·2	1·2	24·2	1·0	24·3	1·3	24·9	2·0	24·4	0·6	24·0	1·3	23

TABLE XII.—NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(The results are increased by 90 in order to obviate the necessity for signs. The unit in the table is 0·1 metre.)

MARCH 1926.

Day. / Hour.	1d.		2d.		3d.		4d.		5d.		6d.		7d.		8d.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	896	910	900	906	897	908	896	904	893	903	897	905	886	903	890	915	Midnight
1h	896	910	900	909	896	906	895	905	885	907	889	917	888	902	884	924	1h
2	896	910	900	912	893	910	896	904	889	905	897	905	884	903	881	928	2
3	897	906	900	914	895	907	892	908	885	906	890	915	886	903	882	927	3
4	894	913	900	917	896	906	892	908	883	907	890	915	885	903	883	926	4
5	893	916	900	916	895	907	890	907	884	907	889	916	884	903	890	915	5
6	892	919	900	912	894	908	889	905	881	908	890	914	886	903	887	920	6
7	900	921	897	914	896	906	894	904	893	903	893	909	882	904	888	918	7
8	900	923	896	921	890	914	885	910	894	903	892	911	881	904	889	928	8
9	905	924	891	922	889	927	876	910	877	910	886	922	880	930	908	941	9
10	905	925	888	918	900	921	875	917	889	892	894	931	882	943	900	932	10
11	911	929	881	929	886	922	870	920	900	975	888	931	882	943	909	943	11
Noon	912	930	882	927	880	880	871	919	893	883	886	922	892	940	908	940	Noon
13h	913	932	887	933	887	868	874	926	909	891	890	914	884	940	909	945	13h
14	906	931	885	937	913	881	879	921	920	892	892	918	883	942	908	940	14
15	908	940	893	916	907	884	883	941	920	900	882	900	883	943	900	947	15
16	900	931	883	926	922	900	873	927	904	918	892	881	884	940	900	941	16
17	894	913	883	926	918	900	876	910	888	931	872	906	877	934	908	938	17
18	896	906	882	927	874	917	879	909	887	919	879	904	881	928	900	934	18
19	891	921	886	922	885	910	878	909	892	908	880	904	883	926	900	929	19
20	898	909	882	927	893	904	890	904	893	907	880	904	883	925	895	926	20
21	896	921	887	919	895	903	894	902	887	920	879	904	883	926	889	928	21
22	896	921	889	911	891	907	894	903	895	907	876	905	888	919	893	916	22
23	898	912	889	911	895	903	890	904	895	907	876	905	888	918	893	915	23

Day. / Hour.	9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	N.	E.	N.	E.	
Midnight	894	915	900	914	900	912	902	911	909	907	907	907	910	904	900	932	Midnight
1h	893	915	900	920	900	917	903	915	906	904	904	904	911	905	900	929	1h
2	894	914	900	923	900	924	903	914	907	905	909	909	911	905	900	922	2
3	893	917	900	914	900	920	901	906	905	903	906	906	914	906	900	919	3
4	892	919	900	920	900	918	904	918	910	907	907	907	910	904	900	918	4
5	896	910	900	919	900	912	903	913	910	907	908	908	911	905	900	914	5
6	893	915	900	909	900	920	902	912	910	907	908	908	914	904	900	917	6
7	897	917	902	909	900	913	902	912	912	909	908	908	911	905	900	916	7
8	907	935	904	920	900	909	904	920	917	911	918	918	910	904	900	926	8
9	910	950	905	925	900	908	900	940	927	927	927	918	908	908	906	930	9
10	910	947	908	920	907	909	919	929	942	917	932	921	920	920	900	941	10
11	907	935	904	919	914	914	925	925	941	927	928	919	932	922	909	943	11
Noon	908	940	904	921	916	916	935	923	939	916	937	915	917	926	900	939	Noon
13h	908	940	900	916	911	926	935	923	946	919	934	907	926	926	900	941	13h
14	908	940	906	930	906	931	938	915	941	917	940	908	927	927	908	941	14
15	900	926	916	939	907	935	938	908	941	917	934	907	905	923	900	942	15
16	907	933	919	928	904	921	942	909	935	914	925	910	906	927	900	943	16
17	906	928	907	932	904	921	935	907	937	915	929	911	906	927	900	937	17
18	900	920	900	925	902	912	920	904	922	914	917	907	900	925	900	938	18
19	900	914	900	908	902	908	906	901	911	911	908	903	900	914	895	922	19
20	900	916	900	912	903	916	908	902	908	908	908	903	900	917	896	921	20
21	900	914	900	915	902	911	911	902	913	913	910	904	900	920	897	917	21
22	900	918	900	912	903	913	913	906	921	921	910	904	900	912	898	912	22
23	900	917	900	914	902	912	912	909	909	909	911	905	900	924	897	916	23

TABLE XII.—(*Contd.*) NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(*The results are increased by* 90 *in order to obviate the necessity for signs. The unit in the table is* 0·1 *metre.*)

MARCH 1926.

Day. / Hour.	17d.		18d.		19d.		20d		21d.		22d.		23d.		24d.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	898	911	888	919	885	923	892	911	895	905	892	908	894	904	888	912	Midnight
1h	895	925	889	916	882	927	896	907	892	908	889	911	884	911	887	913	1h
2	896	918	886	922	893	909	896	906	889	911	889	911	894	904	888	912	2
3	897	917	888	918	892	910	893	909	891	909	892	908	889	908	892	908	3
4	897	916	890	915	892	911	896	906	892	908	887	913	885	910	887	913	4
5	896	918	885	924	894	908	896	906	889	911	890	910	889	908	892	908	5
6	897	917	888	919	896	906	897	905	891	909	883	911	890	907	894	906	6
7	895	926	885	924	893	909	896	906	886	914	893	903	893	905	889	911	7
8	887	933	880	930	879	931	886	921	884	916	880	908	886	910	900	916	8
9	890	947	874	939	878	933	877	934	879	931	885	907	875	917	900	912	9
10	890	950	883	943	878	932	879	931	876	936	888	900	885	923	906	915	10
11	879	951	891	943	878	932	884	940	870	945	888	895	876	924	907	916	11
Noon	891	943	891	942	892	937	885	938	870	945	900	883	900	869	910	923	Noon
13h	880	949	900	928	891	943	880	930	872	941	873	927	900	873	917	925	13h
14	891	946	900	938	892	939	882	918	869	946	859	927	921	909	912	930	14
15	883	941	900	942	883	942	881	928	864	936	854	931	911	902	911	927	15
16	881	946	884	940	885	937	877	935	857	929	854	930	889	916	911	928	16
17	881	946	891	942	876	936	875	937	866	934	860	926	895	888	906	929	17
18	878	933	881	929	885	924	871	929	881	919	870	920	900	915	900	924	18
19	885	924	886	921	887	920	882	918	892	908	886	910	892	918	900	925	19
20	887	913	887	920	891	913	892	908	892	908	885	910	891	921	900	915	20
21	885	915	886	922	889	916	895	905	892	908	887	909	886	922	900	919	21
22	885	915	888	918	891	912	896	904	889	911	890	907	882	918	900	916	22
23	885	915	887	919	890	914	895	905	892	908	892	906	881	919	900	922	23

Day. / Hour	25d.		26d.		27d.		28d.		29d.		30d.		31d.		Mean.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	903	917	900	909	895	912	900	918	900	918	894	914	889	929	896	912	Midnight
1h	904	918	900	911	897	907	900	918	900	913	896	910	886	934	895	913	1h
2	904	919	900	910	896	910	900	917	900	911	892	918	886	922	896	913	2
3	903	915	908	908	893	917	900	916	900	909	892	918	878	932	895	912	3
4	903	917	911	911	893	916	900	917	900	911	892	919	880	930	895	913	4
5	902	910	904	907	894	915	900	916	900	917	892	918	878	932	895	912	5
6	902	912	907	917	893	916	900	911	900	910	893	916	882	927	895	912	6
7	902	909	900	911	891	922	900	918	900	924	890	923	883	926	896	913	7
8	904	920	900	922	890	925	900	921	900	918	888	930	882	927	895	919	8
9	900	921	900	920	907	933	907	935	900	932	888	931	883	942	895	927	9
10	900	927	900	921	906	931	908	939	890	915	893	932	900	949	898	927	10
11	910	924	924	905	913	933	908	940	892	918	900	944	900	950	900	931	11
Noon	910	925	929	919	900	942	908	940	900	921	900	943	900	944	902	924	Noon
13h	910	925	913	920	911	926	907	936	905	922	908	938	908	940	903	925	13
14	911	926	909	922	908	937	907	933	906	929	909	942	908	938	905	927	13
15	910	923	921	921	907	936	907	936	900	930	900	940	889	929	901	927	14
16	900	913	917	911	909	943	907	934	900	931	900	942	885	924	898	926	15
17	885	907	922	914	900	940	900	927	894	931	891	942	886	921	896	924	16
18	884	911	890	907	900	922	900	924	896	921	892	937	890	915	892	920	17
19	890	908	896	921	900	919	900	926	896	921	890	923	887	920	893	916	18
20	890	907	892	918	900	923	900	913	900	920	885	924	888	918	894	919	19
21	890	908	892	919	900	933	900	921	897	916	882	927	889	916	894	915	20
22	887	909	879	931	900	922	900	916	894	927	880	930	890	915	894	914	21
23	900	911	885	924	900	918	900	916	892	918	882	927	900	912	895	913	22

TABLE XIII.—DIRECTION and VELOCITY of the WIND at every HOUR of the DAY as recorded by the ROBINSON CUP ANEMOMETER, during MARCH 1926.

The directions are given in points and the values indicate the direction from which the wind blows counting from South (0), West (8), North (16) and East (24).

The Velocities are given in Metres per second, using the factor 2·2.

*(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk *).*

MARCH 1926.

Hour \ Day	1d.		2d.		3d. *		4d. *		5d. *		6d. *		7d.		8d.		9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.	
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Midnight	26	1·1	24	0·6	26	0·9	28	0·6	30	0·8	27	0·6	31	1·4	27	1·8	26	1·6	24	1·4	24	1·2	23	1·1	19	1·1	20	1·0	18	1·1	24	3·2
1h	26	1·1	24	0·9	27	0·7	28	0·7	30	1·7	27	2·0	31	1·2	27	2·9	26	1·7	24	2·0	24	1·7	23	1·5	19	0·7	20	0·6	18	1·2	24	2·9
2	26	1·1	24	1·2	27	1·2	28	0·6	30	1·2	27	0·6	31	1·6	27	3·4	26	1·5	24	2·3	24	2·4	23	1·4	19	0·9	20	1·3	18	1·2	24	2·2
3	26	0·7	24	1·4	27	0·9	28	1·1	30	1·6	27	1·8	31	1·4	27	3·2	26	1·9	24	1·4	24	2·0	23	0·6	19	0·6	20	0·8	18	1·5	24	1·9
4	26	1·4	24	1·7	27	0·7	28	1·2	30	1·9	27	1·8	31	1·5	27	3·1	26	2·1	24	2·0	24	1·8	23	1·8	19	1·2	20	1·0	18	1·1	24	1·8
5	26	1·8	24	1·6	27	0·9	29	1·2	30	1·8	27	1·9	31	1·6	27	1·8	26	1·1	24	1·9	24	1·2	23	1·3	19	1·2	20	1·1	18	1·2	24	1·4
6	26	2·1	24	1·2	27	1·0	30	1·2	30	2·1	27	1·7	31	1·4	27	2·4	26	1·7	24	0·9	24	2·0	23	1·2	19	1·2	20	1·1	18	1·1	24	1·7
7	24	2·1	25	1·4	27	0·7	29	0·7	30	0·8	27	1·1	31	1·8	27	2·1	25	1·7	23	0·9	24	1·3	23	1·2	19	1·5	20	1·2	18	1·2	24	1·6
8	24	2·3	25	2·1	27	1·7	29	1·8	30	0·7	27	1·4	31	1·9	26	3·0	23	3·6	23	2·0	24	0·9	23	2·0	19	2·0	20	2·5	18	1·1	24	2·6
9	23	2·5	26	2·4	26	2·9	30	2·6	30	2·5	27	2·6	27	3·6	23	4·2	23	5·1	23	2·6	24	0·8	24	4·0	20	3·8	19	3·2	20	1·2	23	3·1
10	23	2·6	27	2·1	24	2·1	29	3·0	d 3	1·4	25	3·2	26	4·7	24	3·2	23	4·8	23	2·2	21	1·1	21	3·5	18	4·5	19	3·8	20	2·8	24	4·1
11	22	3·1	27	3·5	27	2·6	29	3·6	8	2·5	26	3·3	26	4·7	23	4·4	23	3·6	23	1·9	20	2·0	20	3·6	19	4·9	19	3·4	19	3·9	23	4·4
Noon	22	3·2	27	3·2	d 4	2·9	29	3·5	6	1·9	27	2·6	25	4·1	23	4·1	23	4·1	23	2·1	20	2·3	19	4·2	18	4·2	18	4·0	21	3·1	24	3·9
13h	22	3·4	26	3·5	6	3·4	28	3·7	12	1·3	27	1·7	26	4·3	23	4·6	23	4·1	24	1·6	22	2·8	19	4·2	18	5·0	17	3·5	20	3·7	24	4·1
14	23	3·2	26	4·0	11	2·3	28	3·0	14	2·2	26	2·0	26	4·5	23	4·1	23	4·1	23	3·1	23	3·2	18	4·1	18	4·4	17	4·1	20	3·8	23	4·2
15	23	4·1	26	1·8	10	1·8	26	4·4	d 16	2·0	d 0	1·8	26	4·6	24	4·7	24	2·6	22	4·2	23	3·6	17	3·9	18	4·4	17	3·5	23	2·4	24	4·2
16	24	3·1	27	3·1	16	2·2	28	3·8	23	1·8	6	2·1	26	4·3	24	4·1	23	3·4	21	3·4	23	2·2	17	4·3	18	3·8	18	2·7	23	2·8	24	4·3
17	26	1·4	27	3·1	16	1·8	30	2·6	26	3·3	31	2·9	27	4·1	23	3·9	23	2·9	23	3·3	23	2·1	17	3·6	18	4·0	18	3·1	23	2·8	24	3·7
18	27	0·7	27	3·2	d 29	3·1	30	2·3	27	2·3	31	2·2	27	3·4	24	3·4	24	2·0	24	2·5	23	1·2	17	2·0	19	2·6	18	1·9	24	2·5	24	3·8
19	26	2·3	27	2·6	29	1·8	30	2·4	28	1·1	31	2·0	27	3·1	24	2·9	24	1·4	24	0·8	23	0·8	17	0·6	20	1·6	18	0·9	24	1·4	25	2·3
20	25	0·9	27	3·2	29	0·8	30	1·1	28	1·0	31	2·0	27	3·0	25	2·7	24	1·6	24	1·2	23	1·6	17	0·8	20	1·2	18	0·9	24	1·7	25	2·2
21	25	2·1	27	2·3	29	0·6	30	0·6	27	2·4	31	2·2	27	3·1	26	3·0	24	1·4	24	1·5	23	1·1	17	1·1	20	1·9	18	1·1	24	2·0	25	1·7
22	25	2·2	28	1·5	29	1·1	30	0·7	27	0·9	31	2·5	27	2·2	26	1·8	24	1·8	24	1·2	23	1·3	18	1·4	20	3·0	18	1·1	24	1·2	25	1·2
23	25	1·2	28	1·5	29	0·6	30	1·1	27	0·9	31	2·5	27	2·1	26	1·7	24	1·7	24	1·4	23	1·2	19	1·5	20	1·3	18	1·2	24	2·4	25	1·6

Hour \ Day	17d.		18d.		19d.		20d.		21d.		22d. *		23d. *		24d.		25d.		26d.		27d.		28d.		29d.		30d.		31d.		Mean
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocity
Midnight	25	1·1	27	2·2	27	2·7	27	1·4	28	0·7	28	1·1	29	0·7	28	1·7	23	1·7	24	0·9	26	1·3	24	1·8	24	1·8	26	1·5	26	3·1	1·4
1h	25	2·6	27	1·9	27	3·2	27	0·8	28	1·1	28	1·5	29	1·9	28	1·8	23	1·8	24	1·1	26	0·8	24	1·8	24	1·3	26	1·1	26	3·7	1·6
2	25	1·8	27	2·6	27	1·1	27	0·7	28	1·6	28	1·6	29	0·7	28	1·7	23	1·9	24	1·0	26	1·1	24	1·7	24	1·1	26	2·0	27	2·6	1·5
3	25	1·7	27	2·1	27	1·3	27	1·1	28	1·3	28	1·1	29	1·4	28	1·1	23	1·5	20	1·1	26	1·9	24	1·6	24	0·9	26	2·0	27	3·9	1·5
4	25	1·6	27	1·8	27	1·4	27	0·7	28	1·1	28	1·8	29	1·8	28	1·8	23	1·7	20	1·5	26	1·8	24	1·7	24	1·1	26	2·1	27	3·6	1·7
5	25	1·8	27	2·8	27	1·0	27	0·7	28	1·5	28	1·4	29	1·4	28	1·1	23	1·0	21	0·8	26	1·6	24	1·6	24	1·7	26	2·0	27	3·9	1·5
6	25	1·7	27	2·2	27	0·7	27	0·6	28	1·3	29	2·0	29	1·2	28	0·9	23	1·2	22	1·9	26	1·8	24	1·1	24	1·0	26	1·8	27	3·2	1·5
7	25	2·7	27	2·8	27	1·1	27	0·7	28	2·0	30	0·8	29	0·9	28	1·6	23	0·9	24	1·1	26	2·4	24	1·8	24	2·4	26	2·5	27	3·1	1·5
8	26	3·5	27	3·6	27	3·7	27	2·5	28	2·3	30	2·2	29	1·7	24	1·6	23	2·0	24	2·2	26	2·7	24	2·1	24	1·8	26	3·2	27	3·3	2·3
9	25	4·8	27	4·7	27	4·0	27	4·1	27	3·7	30	1·7	29	3·0	24	1·2	24	2·1	24	2·0	23	3·4	23	3·6	24	3·2	26	3·3	26	4·5	3·1
10	25	5·1	26	4·6	27	3·9	27	3·7	27	4·4	d 0	1·2	27	2·7	22	1·6	24	2·7	24	2·1	23	3·2	23	4·0	27	1·8	25	3·3	24	4·9	3·2
11	26	5·5	25	4·4	27	3·9	26	4·3	27	5·4	2	1·3	28	3·4	22	1·8	22	2·6	17	2·5	22	3·5	23	4·1	26	2·0	24	4·4	24	5·0	3·5
Noon	25	4·4	25	4·3	25	3·8	26	4·1	27	5·4	8	1·7	d 8	3·1	22	2·5	22	2·7	19	3·5	24	4·2	23	4·1	24	2·1	24	4·3	24	4·4	3·5
13h	26	5·3	24	2·8	25	4·4	27	3·6	27	5·0	r 28	3·9	8	2·7	21	3·0	22	2·7	21	2·4	22	2·8	23	3·7	23	2·3	23	3·9	23	4·1	3·5
14	25	4·7	24	3·8	25	4·0	28	2·5	27	5·6	29	4·9	d 18	2·3	22	3·2	22	2·8	22	2·4	23	3·8	23	3·4	23	3·0	23	4·3	23	3·9	3·6
15	26	4·4	24	4·2	26	4·5	27	3·4	28	5·2	29	5·6	17	1·1	22	2·9	22	2·5	20	3·0	23	3·7	23	3·7	24	3·0	24	4·0	26	3·1	3·5
16	26	5·0	26	4·3	26	4·0	27	4·2	29	5·2	29	5·5	27	1·9	22	3·0	24	1·3	19	2·0	23	4·4	23	3·5	24	3·1	24	4·2	27	2·8	3·4
17	26	5·0	25	4·3	27	4·4	27	4·5	28	4·8	29	4·8	r 6	1·3	23	3·0	20	1·7	19	2·6	24	4·0	24	2·7	25	3·2	25	4·3	27	2·5	3·3
18	27	4·0	27	3·5	27	2·8	28	4·2	28	2·7	29	3·6	24	1·5	24	2·4	29	1·9	29	1·2	24	2·2	24	2·4	25	2·1	25	3·8	27	1·8	2·6
19	27	2·8	27	2·5	27	2·4	28	2·6	28	1·2	29	1·7	26	2·0	24	2·5	29	1·3	25	2·2	24	1·9	24	2·6	25	2·1	26	2·5	27	2·4	2·0
20	28	1·9	27	2·4	27	1·6	28	1·2	28	1·1	29	1·8	26	2·3	24	1·5	29	1·2	26	2·0	24	2·3	24	1·3	24	2·0	27	2·8	27	2·1	1·7
21	28	2·1	27	2·6	27	1·9	28	0·7	28	1·1	29	1·6	27	2·6	24	1·9	29	1·3	26	2·1	24	3·3	24	2·1	25	1·6	27	3·2	27	1·9	1·9
22	28	2·1	27	2·1	27	1·5	28	0·6	28	1·5	29	1·2	28	2·6	24	1·6	29	1·6	27	3·7	24	2·2	24	1·6	25	2·8	27	3·6	27	1·8	1·8
23	28	2·1	27	2·3	27	1·7	28	0·7	28	1·1	29	1·0	28	2·7	24	2·2	24	1·1	27	2·8	24	1·8	24	1·6	26	2·0	27	3·2	24	1·2	1·7

d = direct. r = retrograde.

TABLE XIV.—RAINFALL at every HOUR of the DAY at the ROYAL ALFRED OBSERVATORY MAURITIUS for MARCH 1926.

Hour Ending \ Day	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
1h	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·0	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	1·1	...	...	...	...	...	...	...	...	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	0·1	...	...	...	...	...	...	...	...	...	...	...	...	0·8	...	...	...	...	...	...	...	...	...	...	...	2·6	...	0·2	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·0	...	...	...	...	...
Noon	...	...	...	...	5.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·6	...	...	...	...	...
13h	...	...	...	...	8.0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	...	1·0	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·3	...	...	...	0·2	...	...	...	...
15	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·8	...	...	0·2	...	...	...	...	...
16	...	...	0·3	0·3	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·0	...	...	...	...	...	...	...	...
17	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·9	...	...	...	...	...	...	...	1·3
18	1·0	...	...	...	...	...	...	...	...	...	...	...	3·9	...	...	...	...	...	...	...	...	...	0·2	...	...	3·3	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	11·7	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·9	...	...	...	...	...
21	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...
22	...	...	0·2	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	...	...	2·3
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE XV.—TOTAL MONTHLY RAINFALL at VARIOUS STATIONS in MAURITIUS, grouped according to the RIVER SYSTEMS as indicated on the CHART for the MONTH of MARCH 1926.

River System.	Register Number	Station	Approximate Altitude feet.	Total fall in inches.	Total fall in mill.	Normal in mill.	Number of days.
1	2	St. Antoine	50	1·06	27·0	201·2	6
	3	Belmont	50	1·27	32·5	184·4	5
	4	Poudre d'Or	20	1·05	26·5	168·9	5
	5	Mon Loisir (R.)§ ...	300	...	...	...	...
	6	Mon Loisir S. E.§ ...	300	...	...	...	...
	7	Forbach§	300	...	...	...	...
	8	Labourdonnais§ ...	290	...	...	...	...
	9	Beau Séjour	300	3·82	97·0	312·4	10
	10	Mont Piton	360	3·14	79·8	295·9	9
	11	Mon Choix	700	2·36	59·9	272·5	9
	12	Antoinette§	640	3·81	96·8	275·6	9
	13	California§	850	...	...	...	...
	14	Nouvelle Découverte ...	1,400	3·54	89·9	375·4	16
	15	Mon Songe	620	3·21	81·5	341·9	9
	16	La Grande Rosalie§ ...	643	...	...	...	...
	17	The Mount§	325	...	...	...	...
	18	Botanic Gardens ..	325	1·96	49·8	252·7	7
	19	The Observatory ...	179	2·70	68·6	236·0	15
	20	Solitude§	175	...	...	...	...
	21	St. André	90	4·17	105·9	208·8	6
	22	Belle Vue Harel§ ...	350	...	...	...	...
	23	Mont Choisy§	10	...	...	...	...
	25	Esperance (Trebuchet)*	165	2·26	57·4	...	7
	28	Mon Rocher§	...	...	...	...	...
	45	Roche Bois Station§ ...	44	...	...	...	...
	46	Riche Terre Station§ ...	106	...	...	...	...
	47	Terre Rouge Station§ ..	137	...	...	...	...
	48	Mapou Station* ...	296	0·34	8·6	...	1
	49	Poudre d'Or Station§ ...	772	...	...	...	...
	50	Rivière du Rempart* ...	134	...	...	...	..
2 & 3	1	Union Régnard S.E. ...	600	4·33	110·0	319·5	9
	2	Constance d'Arifat L.G.	100	2·40	61·0	305·3	6
	3	St. Julien Church§ ...	1,050	...	...	...	...
	4	Riche Fund§	600	7·22	183·4	374·1	9
	5	Constance (Manès)§ ...	..	...	...	...	...
	6	Queen Victoria§ ...	..	...	...	...	...
	7	Belle Mare§	...	...	...	...	...
	8	Bel Etang (Lesur)§ ...	...	...	...	...	...
	9	Belle Vue (Allendy)*	...	4·28	108·7	...	8
	10	St. Julien E(K. Reetoo)§	...	...	...	...	...
4	1	Sans Souci§	900	...	...	...	...
	2	Etoile§	400	...	...	...	...
	3	Beau Champ	20	3·11	79·0	231·9	6
	4	Belle Rive§	400	...	...	...	...
	5	Olivia	400	5·01	127·0	310·9	12
	6	Deep River§	350	...	...	...	...
	7	Belle Rose Estate§ ...	...	...	...	...	...
	8	Melrose§	...	...	...	...	...
	9	Bonne Veine*	...	4·96	126·0	...	23
5	1	Rose Belle§	850	...	...	...	...
	2	Riche-en-Eau§	460	...	...	...	...
	3	Ferney§	20	...	...	...	...
	4	Beau Vallon§	60	...	...	...	...
	5	Union Vale§	200	...	...	...	...
5 cont.	6	Mon Désert (Carié)* ...	75	2·65	67·3	...	14
	7	Cluny§	1,000	...	...	...	...
	8	Union Park§	...	...	...	...	...
	9	Sauveterre Estate* ...	...	3·20	81·3	...	6
	10	Bananes Estate§ ...	...	...	...	...	...
6	1	Kanaka	2,000	7·80	198·1	553·7	17
	2	Tivoli*	1,300	..	...	...	...
	3	La Flora*	1,050	5·56	141·2	...	13
	4	Britannia	730	6·29	159·8	421·6	18
	5	Savannah (Mill)§ ...	200	...	...	...	...
	6	St. Aubin§	300	...	...	...	...
	7	Union B.A.St.Félix S.E.§	90	...	...	...	...
	8	Beau Bois§	350	...	...	.	...
	9	St. Avold*	900	..	...	...	...
	10	Terracine§	1000	...	...	...	...
	11	St. Félix S.E.§	...	...	...	...	...
	12	Bel Air§	..	...	...	...	...
	13	Chamouny§	...	...	...	...	...
	14	Union S. E.*	...	2·80	71·1	...	11
	15	Fontenelle*	...	3·73	94·7	...	9
	16	Combo§	...	...	...	...	...
	17	St. Felix (Wilson)§ ...	...	...	...	...	...
	18	Choisy Estate§	...	...	..	...	...
7, 8 & 9	1	Bel Ombre	40	4·27	108·5	244·1	11
	3	Beau Champ*	..	5·17	131·3	..	9
	4	Board*	...	6·34	161·0	...	9
	12	Tamarin Station§ ...	155	...	...	...	...
	13	Médine Station§ ...	284	...	...	...	...
	14	Albion Station§ ...	72	...	...	...	...
10		No returns	...	...	...	...	...
11	1	Les Gorges§	...	...	...	...	...
	2	Curepipe Gardens ...	1,840	8·78	223·0	452·6	26
	3	Mare aux Vacoas ...	1,850	8·89	225·8	515·6	18
	4	La Marie Filter Bed ...	1,700	6·90	175·3	416·8	16
	5	Réunion§	1,420	...	...	..	...
12	1	The Manse	850	4·65	118·1	232·2	12
	2	The Bower§	1,080	...	...	...	...
	3	Le Réduit (D. of A.)§...	1,000	3·79	96·3	...	22
	4	Alma	1,460	4·42	112·3	461.0	15
	5	Bagatelle§	1,250	...	...	...	...
	6	Highlands*	1,300	4·02	102·1	...	11
	7	Trianon	950	5.21	132·3	292·8	11
	8	Salency§	923	...	...	...	...
	9	La Ferme*	350	5·37	136·4	...	10
	10	Bon Air§	1,050	...	...	..	...
	11	Val Ory	1,100	3·27	83·1	456·7	14
	12	Ebène§	...	...	...	...	...
	13	Mon Rêve§	...	...	...	...	...
	14	Bassin§	...	...	...	...	..
	15	Hermitage§	...	...	...	...	...
	16	Côte d'Or	...	4·57	116·1	...	10
	17	Mon Repos§	..	...	...	...	...
13	1	The Albion Dock§ ...	18	...	...	...	...
	2	Institute*	...	1·76	44·7	...	3

*Normals not available. §Record not Received.

TABLE XVI.—OBSERVATIONS of the DIRECTION and VELOCITY of CLOUDS made at the AEROLOGICAL STATION VACOAS 424·5 metres above SEA LEVEL during the month of MARCH 1926.

Day \ Type	Time	Scud		Cumulus Cu. st. &c.		Alto cu: Alto st:		Cirro Cumulus		Cirro Stratus		Cirrus		Time	Scud		Cum: Cu. st. &c.		Alto Cum Alto St:		Cirro Cum		Cirro Stratus		Cirrus	
		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height
	h		°		°		°		°		°			h		°		°		°		°		°		°
1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	11¾	...	...	300	0·4	...	...	...	...	...	...	...	...	14¼	...	...	300	0·4	...	...	...	...	...	...	...	...
3	9¾	...	...	310	1·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	11¾	...	...	360	0·3	...	...	...	...	...	...	...	...	14¼	360	0·6	360	0·2	...	...	...	...	...	...	...	...
5	9¾	...	...	360	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	9¾	300	0·3	330	0·4	...	...	...	...	...	...	...	...	11¾	...	...	45	0·1	...	...	...	...	...	...	...	...
7	12½	300	0·3	300	0·6	120	0·2	...	...	...	...	120	0·2	14¾	285	0·6	300	0·2	...	...	...	...	...	...	135	0·1
8	9¾	...	...	255	0·4	...	...	...	...	...	...	...	...	11¾	...	...	240	0·7	...	...	...	...	120	0·1	...	...
9	9¾	270	0·7	255	0·3	135	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	9¾	...	...	210	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	14¾	...	...	335	0·2	...	...	...	...	...	...	...	...
12	9½	235	1·3	240	1·6	...	...	...	...	...	...	...	...	12¼	...	...	195	0·2	...	...	...	...	...	...	...	...
13	9½	210	0·9	210	0·4	...	...	...	...	...	...	...	...	11¾	...	...	195	0·6	...	...	...	...	...	...	...	...
14	11¾	...	...	150	0·4	...	...	...	...	...	...	...	...	14½	...	...	190	0·6	...	...	...	...	...	...	...	...
15	9¾	...	...	240	0·3	...	...	...	...	...	...	180	0·2	12h	...	...	300	0·8	...	...	...	...	...	...	...	...
16	9¾	300	0·7	270	0·9	...	...	...	...	...	...	...	...	11¾	...	...	290	0·3	...	...	150	0·1	...	...	...	...
17	9¾	...	...	240	0·7	...	...	...	...	...	...	...	...	14¾	...	...	295	0·6	...	...	...	...	...	...	...	...
18	9¾	...	...	240	1·1	...	...	...	...	...	...	...	...	12½	...	...	270	0·6	...	...	...	...	...	...	...	...
19	9¾	...	...	270	0·8	...	...	...	...	...	...	...	...	15½	280	0·5	283	0·2	...	...	...	...	...	...	...	...
20	10h	...	...	285	0·6	...	...	...	...	...	...	...	...	12¼	330	0·6	360	0·2	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	9½	...	...	270	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	10h	...	...	240	0·4	...	...	...	...	...	...	...	...	12½	...	...	220	0·4	...	...	...	...	...	...	...	...
25	9¾	...	...	255	0·4	...	...	...	...	...	...	...	...	15½	...	...	285	0·4	...	...	...	...	...	...	...	...
26	9¾	...	...	240	0·5	...	...	...	...	145	0·3	...	...	14¾	...	...	225	0·4	...	...	...	...	...	...	...	...
27	9¾	...	...	240	0·4	285	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	12¼	...	...	255	0·2	...	...	...	...	...	...	...	...	14¼	...	...	270	0·4	...	...	...	...	60	0·1	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	10h	...	...	300	0·2	...	...	...	...	120	0·2	...	...	12½	...	...	285	0·4	135	0·2	...	...	...	...	...	...
31	9¾	...	...	280	1·4	...	...	...	...	...	...	...	...	11¾	...	...	255	0·7	...	...	...	...	120	0·2	...	...

The Direction is that from which the Cloud travels, counting South (0°); West (90°); North (180°). The Velocity-Height-Ratio is given in milliradians per sec.

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NEW SERIES (MONTHLY). VOL. XII. PART 4 PRICE R. 0.75

ROYAL ALFRED OBSERVATORY, MAURITIUS.

(LATITUDE 20°5′39″ S.—LONGITUDE 3h 50m 12s·6 E.)

RESULTS

OF

MAGNETICAL AND METEOROLOGICAL OBSERVATIONS

FOR THE MONTH OF

APRIL 1926

M. KŒNIG, A.INST.P.

ACTING DIRECTOR.

Published by Authority of His Excellency the Governor

PORT LOUIS

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TABLE I.—RESULTS of MAGNETICAL OBSERVATIONS made during the MONTH of APRIL 1926

Month and Day. 1926	Mean Declination (West)	Mean Horizontal Force. (C.G.S. Units.)	Mean Vertical Force. (C.G.S. Units.)	Daily Range of.† Declination.	Horizontal Force	Vertical Force.
	° ′			′	Unit 1 γ	
1	11·17·7	·22849	·29790	8·0	44	18
2	15·9	854	789	7·9	50	21
3	15·7	857	790	10·0	39	26
4	16·2	852	793	11·8	29	23
5	14·4	858	793	7·9	29	27
6	17·6	853	801	5·6	66	11
7	17·1	846	801	6·7	59	21
8	18·5	846	805	7·8	54	12
9	16·2	845	804	6·0	50	20
10	15·3	848	807	5·0	45	16
11	16·7	850	805	7·3	33	23
12	17·5	853	804	6·3	30	22
13	15·8	851	809	6·1	28	12
14	16·9	829	805	10·5	141	42
15	16·3	714	829	10·2	240	32
16	16.4	785	821	6·3	71	34
17	15·8	809	818	6·2	34	27
18	17·1	823	816	8·5	20	25
19	17 7	832	816	5.2	29	30
20	16·2	840	817	6·2	17	29
21	16·0	851	816	2·5	39	25
22	18·3	836	823	10·3	71	20
23	16·2	842	825	5·5	40	21
24	16·9	855	825	3·3	44	16
25	16·2	865	828	8·5	39	12
26	14·9	859	831	6·4	41	16
27	16·0	864	829	4·7	21	20
28	17·5	867	830	8·2	19	27
29	18·0	867	833	8·1	39	25
30	17·7	876	837	4·5	33	9
31	...	...	...	...	...	...
Mean	11·16·62	·22842	·29813	7·05	48·8	22·1

Description of the Principal Magnetic Disturbances.

The following notes give a brief description of the principal magnetic disturbances The movements in Horizontal Force and Vertical force are expressed in G.G.S. units.

The term "wave" indicates a movement in one direction and return; "double wave," a movement in one direction and return with continuation in the opposite direction and return; "fluctuations," a number of movements in both directions.

The extent and direction of the movement are indicated in brackets, + denotes an increase and—denotes a decrease of the Magnetic Element; ± denotes positive and negative movements of approximately equal extent.

April. 6d. 9h. 45m to 6d. 22h: train of waves in H.F. (±15γ) with superposed slight undulations.

7d. 21h. 15m: Negative wave in H.F. (30γ)

14d. 18h. 0m: Sharp increase (20γ) in H.F. followed by deep negative wave (—100γ, at 21h. 0m.) with superposed fluctuations (±10γ). At 15d. 0h, general increase in force, with superposed large fluctuations (±40γ) culminating at 15d. 4h. 15m; then general decrease with minimum (—250γ) at 15d. 15h. 15m. Frequent oscillations till 17d, midnight.

In Declination, train of irregular waves (±2′) beginning at 14d. 19h. Increase of 6′ between 15d. 21h. 20m. & 21h. 40m, continued with fluctuations till 17d. 6h. Sharp increase (6′) at 16d. 5h. 20m.

In V.F. train of sharp irregular waves (±10γ) beginning abruptly at 14d. 18h. 0m. ending at 15d. 21h, with less pronounced recrudescence between 16d. 8h. & 17d. 1h.

22d. 17h to 22h: Negative wave in H.F. (—50γ at 19h 30m)

26d. 12h. 0m. Decrease in H. F. (40γ) followed by irregular variations (±20γ) till 27d. 4h.

T=0·37558: Mean Dip=θ=52°.32′·50. (X=·22401: Y=—·04467: Z=·29813).

† The daily range is the difference between the greatest and least hourly values.

TABLE II.—RESULTS of ABSOLUTE DETERMINATIONS of the MAGNETIC ELEMENTS during the MONTH of APRIL 1926

Declination (West).		Horizontal Force (C.G.S. Unit)		Dip (South). A. M. Observations.		Resulting Vertical Force. C. G. S. Units.	P. M. Observations.		Resulting Vertical Force C.G.S. Units
Day and Hour.	Observed Value.	Day and Hour.	Observed Value.	Day and Hour.	Observed Value.		Day and Hour.	Observed Value.	
d h m	° ′	d h m		d h m	° ′		d h m	° ′	
APR. 6.10.56	11.18·87	APR. 1. 9.29	·22846	APR. 6.10·40	52.30·50	·29809	APR. 6.14-58	52.32.12	·29796
.14.46	11.14·15	·12·13	·22866	14.10.08	52.31·62	·29802	14·14.08	52.30·50	·29785
14· 9.45	11.21·60	12· 9·44	·22865			...	30.12.09	52.30.41	·29837
.14.19	11.10·42	·12·13	·22851						
24.10. 5	11.23·29	20. 8·19	·22859						
.13.20	11.15·97	·11·29	·22854						

TABLE III.—MAGNETIC DECLINATION (WEST) at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

APRIL 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
	11° +																
Midnight	17'9	18'0	12'5	21'7	12'0	18'0	18'1	20'7	17'2	13'8	17'5	17'0	17'9	17'8	18'2	20'0	Midnight
1h	17'9	17'3	13'3	20'2	12'0	17'8	19'7	21'0	16'0	22'5	17'5	17'8	17'9	17'5	16'5	18'0	1h
2	16'7	17'0	13'0	18'5	12'0	17'5	19'7	20'5	15'7	12'0	17'2	18'0	17'9	17'5	19'2	18'0	2
3	18'0	17'8	12'1	19'7	12'1	16'8	19'3	20'1	14'5	14'0	17'2	19'0	16'1	17'8	16'2	15'8	3
4	17'9	18'0	12'0	20'0	12'1	17'2	18'7	20'1	14'1	13'9	17'9	18'8	15'0	18'0	18'0	15'5	4
5	18'0	17'9	11'9	22'0	13'5	16'5	18'0	20'0	15'8	14'1	18'3	18'4	17'8	18'0	16'0	17'8	5
6	18'5	18'0	12'1	22'1	16'0	16'7	18'0	19'8	16'0	15'0	19'5	17'7	15'0	18'5	18'0	14'6	6
7	19'5	19'5	13'5	21'2	17'0	18'0	18'1	20'0	18'1	15'5	18'5	18'0	15'1	18'2	16'1	16'0	7
8	20'7	20'0	14'5	20'5	16'5	19'2	18'0	22'0	19'0	15'3	18'7	19'9	13'2	18'0	17'2	16'0	8
9	22'0	20'2	17'0	20'0	15'5	20'3	18'1	22'1	19'9	15'0	18'0	20'0	12'1	17'5	16'5	16'2	9
10	21'6	19'3	16'0	16'0	14'7	20'3	17'5	21'3	20'0	15'0	16'3	18'1	12'1	16'3	14'7	16'5	10
11	19'0	16'5	15'0	14'0	12'2	19'9	15'7	19'5	19'5	14'7	17'5	15'5	13'3	15'5	13'2	18'0	11
Noon	17'5	14'5	14'0	12'0	11'8	18'1	14'1	18'3	18'1	15'2	15'5	14'5	14'3	13'5	14'0	17'3	Noon
13h	15'6	13'8	14'0	10'3	10'1	16'2	13'2	17'2	16'0	15'5	13'2	13'7	14'1	12'0	12'5	15'0	13h
14	14'0	13'1	14'2	10'3	10'1	15'8	13'0	15'8	15'0	15'8	12'2	13'7	14'0	11'5	14'5	14'0	14
15	14'2	12'5	15'5	13'0	12'0	14'7	13'0	14'3	16'0	16'1	13'0	17'0	14'2	12'0	12'0	13'7	15
16	15'3	14'0	16'3	13'3	13'8	15'3	13'7	15'2	15'8	16'0	14'0	17'3	15'5	14'3	13'0	14'2	16
17	16'1	15'2	17'5	15'5	14'5	16'0	15'8	16'0	15'5	17'0	15'9	17'8	16'2	16'0	14'5	16'0	17
18	17'0	15'0	18'0	16'0	15'7	17'5	17'0	16'0	15'3	17'0	16'0	17'8	17'8	18'0	15'8	16'2	18
19	16'7	14'5	18'0	14'5	17'0	18'0	18'0	17'2	15'0	16'5	16'7	18'0	17'9	19'5	16'1	17'8	19
20	16'7	14'0	18'2	14'7	17'5	18'0	18'0	17'0	14'2	16'5	17'3	18'1	18'0	19'5	17'0	18'2	20
21	17'9	13'8	20'0	13'9	17'9	18'0	18'2	16'5	14'3	16'7	17'0	18'0	18'2	22'0	17'3	16'8	21
22	17'8	13'0	21'9	13'0	18'0	18'0	18'1	17'7	14'7	16'7	17'8	17'9	18'0	19'0	22'2	16'5	22
23	17'9	12'3	21'9	12'0	17'9	18'0	19'3	17'9	14'0	16'5	17'8	18'0	18'0	18'2	21'0	16'5	23

Hour. \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	...	Mean	Day. / Hour
	11° +																
Midnight	16'0	18'3	17'5	18'2	16'0	15'7	17'0	17'8	18'0	11'9	16'0	17'8	17'8	17'7	...	17'1	Midnight
1h	15'5	20'0	17'0	18'2	15'8	16'1	16'5	18'0	18'5	11'7	15'9	18'3	17'8	17'9	...	17'0	1h
2	15'8	20'5	16'2	18'2	16'3	17'8	16'1	17'9	19'5	12'0	15'2	18'5	18'0	17'8	...	17'0	2
3	12'5	20'2	15'8	18'0	16.3	19'5	15'8	18'1	18'2	12'2	15'5	18'0	18'2	18'2	...	16'8	3
4	14'0	20'3	15'0	17'9	15'5	20'7	14'5	18'0	18'2	12'2	15'2	17'7	18'2	18'0	...	16'7	4
5	12'5	20'7	15'7	17'5	15'5	21'5	13'7	18'0	18'3	13'0	15'2	18'0	18'5	18'7	...	17'0	5
6	14'0	20'2	15'0	17'7	15'9	22'7	14'0	17'0	19'0	13'2	16'0	17'7	17'8	18'2	...	17'1	6
7	14'0	19'8	15'0	16'2	16'0	23'8	14'1	16'7	20'0	13'8	16'0	17'5	19'0	17'9	...	17'4	7
8	14'7	17.5	16'0	15'9	16'2	24'0	15'2	16'5	19'9	14'2	16'3	16'5	19'7	18'0	..	17'6	8
9	16'0	15'5	18'0	15'0	16'5	24'0	16'0	15'8	20'0	14'5	17'5	17'0	21'5	20'0	...	17'9	9
10	17'5	13'9	19'0	14'3	16'1	20'7	16'0	16'0	19'9	15'0	17'5	22'0	22'2	20'0	...	17'5	10
11	16'3	13'3	20'2	13'7	16'1	18'1	16'2	16'2	19'2	14'5	17'7	20'3	21'0	18'0	...	16'7	11
Noon	16'0	12'2	20'2	12'2	16'1	16'2	16'0	16'0	16'8	14'7	16'0	18'0	18'5	16'3	...	15'7	Noon
13h	15'8	12'5	20'0	12'2	16'0	14'5	15'5	15'8	15'2	14'2	15'5	16'0	17'0	16'0	...	14'6	13h
14	14'2	12'7	19'8	12'0	14'7	13'7	15'2	15'5	14'5	15'5	14'5	14'3	15'8	15'5	...	14'2	14
15	14'0	14'0	18'8	13'0	15'5	14'0	15'0	15'0	14'2	16'0	13'3	13'8	14'1	15'5	...	14'3	15
16	15'0	15'3	18'0	15'0	15'5	15'3	15'0	15'0	14'0	16'2	13'8	14'2	15'0	16'0	...	15'0	16
17	16'1	16'7	16'7	16'3	16'7	15'9	17'2	16'2	13'9	16'5	14'3	16'0	16'0	17'0	...	16'0	17
18	17'0	17'5	17'8	17'8	16'7	15'0	17'5	16'0	13'8	17'0	15'9	17'9	17'0	18'0	...	16'7	18
19	18'0	18'1	18'0	18'0	17'2	17'8	18'0	18'3	12'7	17'5	16'0	18'2	17'5	18'2	...	17'2	19
20	18'0	17'9	18'3	18'2	16'2	18'0	18'5	17'7	12'0	18'1	16'7	18'2	17'5	18'0	...	17'2	20
21	18'7	18'7	18'7	18'0	15'9	18'3	19'2	18'0	11'8	17'9	18'0	18'0	17'8	18'2	...	17'5	21
22	18'5	18'2	18'7	18'0	15'9	18'3	18'0	18'0	11'5	17'7	17'0	18'0	17'5	18'0	...	17'5	22
23	18'0	18'0	18'5	17'5	16'0	17'9	18'1	18'3	11'7	17'0	17'0	18'0	17'7	18'0	...	17'3	23

TABLE IV.—MAGNETIC HORIZONTAL FORCE at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber).

APRIL 1926.

Hour \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
	·22000 + (C.G.S. UNIT.)																
Midnight	842	841	848	840	850	860	837	832	840	841	840	855	844	845	750	745	Midnight
1h	846	845	850	845	850	863	849	837	855	838	845	850	855	850	755	755	1h
2	850	846	850	848	850	864	848	844	863	841	849	850	844	849	770	770	2
3	850	851	855	849	851	866	845	850	853	870	851	849	850	851	780	773	3
4	851	853	857	850	854	873	850	850	850	860	852	849	850	855	805	775	4
5	851	855	855	856	856	878	855	851	849	854	856	864	860	860	810	778	5
6	851	858	859	850	857	870	851	855	849	851	859	863	860	860	810	789	6
7	850	860	860	850	857	880	855	857	856	854	861	865	860	860	780	787	7
8	850	861	864	850	856	881	849	861	860	850	863	870	865	855	770	810	8
9	849	866	870	855	856	885	860	863	861	857	861	869	860	850	752	815	9
10	859	870	873	857	860	882	870	870	865	857	860	855	856	849	730	816	10
11	866	876	878	860	868	865	877	872	859	863	860	850	855	851	695	795	11
Noon	874	880	879	868	879	875	879	870	860	871	860	852	852	850	680	770	Noon
13h	870	867	873	869	873	860	860	861	843	868	863	860	853	844	640	785	13h
14	851	860	869	855	863	840	840	849	851	855	853	865	854	847	610	780	14
15	840	850	859	850	850	836	842	845	842	849	850	862	850	847	600	770	15
16	845	847	850	855	850	822	844	829	830	837	844	841	838	840	570	775	16
17	846	850	850	860	850	819	820	819	820	830	840	840	837	835	600	774	17
18	840	852	840	854	855	829	822	818	815	826	840	840	841	831	645	779	18
19	841	845	848	849	859	821	837	825	820	836	835	845	850	800	670	780	19
20	840	830	848	843	860	826	839	830	831	836	830	845	847	770	690	789	20
21	836	838	847	840	860	829	830	837	832	836	835	843	850	729	735	795	21
22	830	841	846	845	860	833	830	839	834	831	840	849	841	752	738	789	22
23	845	841	847	846	860	833	825	839	848	850	840	849	849	772	741	816	23

Hour \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	...d.	Mean	Day. / Hour
	·22000 + (C.G.S. UNIT.)																
Midnight	796	810	830	835	839	840	826	846	870	861	865	860	863	861	...	837·1	Midnight
1h	806	819	842	834	840	835	829	848	859	862	865	870	863	866	...	840·9	1h
2	800	811	832	836	840	840	830	850	870	863	855	866	869	870	...	842·3	2
3	805	817	830	840	845	828	840	860	864	870	876	866	870	871	...	845·9	3
4	812	820	830	836	848	840	841	857	869	868	870	867	870	871	...	847·8	4
5	810	820	833	840	850	840	850	856	860	867	868	870	870	871	...	849·8	5
6	810	826	837	839	850	840	835	854	866	867	869	870	870	874	...	850·0	6
7	812	822	830	841	856	844	846	860	873	870	869	870	872	879	...	851·2	7
8	815	830	835	848	860	840	843	860	879	874	869	871	876	881	...	853·2	8
9	812	830	832	851	861	853	849	869	889	871	868	870	879	885	...	854·9	9
10	810	830	842	849	860	860	850	871	885	870	862	870	881	888	...	855·2	10
11	819	822	845	846	866	870	853	880	881	870	869	871	888	890	...	855·3	11
Noon	830	829	839	845	869	856	860	880	870	870	868	878	880	894	...	855·6	Noon
13h	825	829	825	836	861	856	863	867	872	835	869	876	869	891	...	848·8	13h
14	819	829	829	834	857	850	850	861	860	833	861	869	855	884	...	840·5	14
15	797	820	816	836	857	840	830	853	850	849	857	861	849	875	...	834·4	15
16	797	820	822	839	854	838	823	843	855	849	855	859	850	876	...	829·9	16
17	801	820	825	835	853	835	837	838	855	845	860	860	855	871	...	829·3	17
18	804	822	835	837	847	800	840	840	855	835	861	861	860	868	...	829·7	18
19	806	826	836	838	830	799	840	836	852	850	862	863	861	871	...	831·0	19
20	807	825	831	838	841	810	840	840	860	858	861	866	863	869	...	832·1	20
21	806	824	831	839	847	820	842	840	859	859	862	866	863	871	...	833·4	21
22	807	823	832	837	843	821	845	840	859	868	860	866	863	870	...	834·4	22
23	806	825	830	837	841	826	847	853	860	861	855	864	863	871	...	838·0	23

TABLE V.—MAGNETIC VERTICAL FORCE AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(*The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber*).

APRIL 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. \ Hour.
	·29000 + (C.G.S. UNIT).																
Midnight	795	795	796	800	800	799	805	808	807	806	808	806	810	811	820	836	Midnight
1h	794	794	796	799	800	799	804	808	805	807	807	805	808	810	817	834	1h
2	793	794	796	799	800	799	804	806	803	808	806	805	808	810	823	830	2
3	791	792	794	798	799	798	804	806	805	808	806	806	808	810	819	829	3
4	791	791	793	797	799	797	803	807	806	806	806	805	807	810	816	826	4
5	792	792	793	796	798	797	803	806	807	807	807	806	809	810	814	826	5
6	793	793	794	796	799	797	803	807	808	808	807	807	809	810	820	826	6
7	795	795	796	799	801	800	802	809	809	810	810	809	810	812	813	827	7
8	796	796	800	800	802	805	800	810	810	812	813	812	813	815	820	830	8
9	794	790	799	798	800	805	802	806	810	815	814	810	816	811	820	830	9
10	794	786	790	795	793	805	801	800	802	810	810	806	815	804	830	825	10
11	790	781	784	786	783	804	794	800	793	804	805	796	809	796	826	816	11
Noon	782	779	776	782	775	800	787	798	790	800	802	790	805	781	826	806	Noon
13h	778	775	774	780	775	794	790	800	791	800	793	790	804	778	822	804	13h
14	778	776	774	777	777	795	793	800	795	799	791	791	804	780	831	802	14
15	785	780	775	781	782	799	793	801	797	801	792	795	805	789	835	806	15
16	786	785	782	785	786	801	800	801	806	804	796	799	808	795	845	809	16
17	787	789	789	792	790	803	804	803	809	805	800	803	812	801	839	812	17
18	789	790	790	795	793	804	808	807	810	807	803	804	810	806	845	819	18
19	790	789	791	796	794	803	806	807	810	809	805	806	810	807	841	820	19
20	791	791	792	796	795	803	805	807	810	808	807	807	810	811	841	822	20
21	794	795	794	798	796	804	805	806	809	810	809	809	810	820	840	824	21
22	795	795	796	799	797	804	808	806	809	809	809	810	810	820	838	824	22
23	795	795	797	799	797	804	808	806	806	810	807	810	812	819	836	823	23

Hour. \ Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d	30d.	...	Mean	Day \ Hour.
	·29000 + (C.G.S. UNIT).																
Midnight	824	821	821	820	821	823	829	826	829	830	831	834	835	839	...	816·2	Midnight
1h	821	821	820	820	821	825	829	827	828	830	831	831	835	838	...	815·5	1h
2	822	820	820	820	820	827	829	826	827	830	831	832	834	837	...	815·3	2
3	821	820	820	820	820	827	828	826	826	830	830	831	833	836	...	814·7	3
4	820	820	820	820	820	827	829	826	827	830	830	832	833	836	...	814·3	4
5	820	820	819	821	820	826	827	827	828	831	832	833	834	836	...	814·6	5
6	820	820	818	820	820	825	829	829	828	832	833	833	835	836	...	815·2	6
7	821	820	819	821	822	823	830	829	826	836	834	835	835	835	...	816·1	7
8	826	826	824	826	824	826	831	831	830	836	836	839	839	840	...	818·9	8
9	829	828	829	829	825	829	830	831	831	836	835	840	842	842	...	819·2	9
10	826	821	825	826	823	830	825	830	830	834	830	839	842	840	...	816·2	10
11	820	813	816	816	816	820	819	821	826	826	825	832	835	835	...	809·6	11
Noon	810	805	810	809	804	812	811	815	821	820	819	821	828	835	...	803·3	Noon
13h	806	803	807	806	802	810	810	816	824	820	816	815	825	835	...	801·4	13h
14	804	803	804	805	802	810	814	815	823	827	819	813	820	833	...	801·8	14
15	802	804	799	800	800	810	816	815	825	828	820	814	817	835	...	803·4	15
16	805	809	801	806	800	814	822	819	826	829	823	820	820	834	...	807·2	16
17	810	812	810	813	810	820	824	824	830	830	830	827	828	833	...	811·3	17
18	816	815	816	817	815	820	826	825	830	833	831	831	833	835	...	814·1	18
19	819	816	816	818	820	830	826	830	831	835	833	833	836	838	...	815·5	19
20	820	818	816	819	820	829	827	830	833	834	834	834	837	838	...	816·2	20
21	823	820	819	820	820	829	828	830	831	833	834	835	838	839	...	817·4	21
22	822	820	820	820	821	828	828	829	830	832	834	835	838	840	...	817·5	22
23	822	820	819	820	821	829	827	829	829	831	834	833	838	830	...	817·2	23

TABLE VI.—RESULTS of METEOROLOGICAL OBSERVATIONS made at the AEROLOGICAL STATION Vacoas (424·5 metres above mean sea-level) during the MONTH of APRIL 1926.

Month and Day 1926	Observations at 10 a.m.								Temperature of the Air.						
	Atmospheric Pressure.	Temperature of the Air.	Excess of Air Temperature over Evaporation	Temperature of the Dew Point.	Relative Humidity (Sat: 100)	Tension of Aqueous Vapour.	Wind. Direction in degrees.	Wind. Velocity.	Highest.	Lowest.	Range.	Amount of Cloud (Scale 0—10)	Amount of Rain measured at 10 a.m.	Duration of Bright Sunshine	Percentage of Possible Sunshine.
	mbs.	C	C	C	%	mbs.		m.p.s.	C	C	C		m.m.	hrs.	
APR. 1	965·9	23·3	0·7	22·1	93	26·3	292	2·5	24·9	21·3	3·6	9·9	5·3	0·7	6
2	964·0	24·6	0·8	23·2	92	28·1	292	2·5	27·5	21·8	5·7	9·4	4·7	6·7	57
3	963·4	26·0	1·9	22·8	91	27·5	225	0·6	26·9	20·6	6·3	7·4	10·8	4·6	39
4	965·2	25·9	2·3	22·0	79	26·2	259	0·6	27·6	21·2	6·4	6·1	22·5	3·6	31
5	966·6	24·0	0·7	22·8	93	27·5	259	2·5	25·1	21·9	3·2	9·7	105·5	0·7	6
6	967·1	24·2	2·3	20·2	78	23·4	259	3·2	25·7	21·2	4·5	5·0	14·2	9·7	82
7	966·5	23·9	1·8	20·8	83	24·3	270	3·5	25·9	20.9	5·0	5·4	0·0	4·5	38
8	965·6	24·9	2·9	20·0	74	23·2	270	5·0	25·9	20·1	5·8	6·5	4·2	5·9	51
9	965·6	24·7	2·3	20·7	79	24·2	303	2·6	25·3	19·8	5·5	5·5	1·0	9·0	77
10	964·6	24·3	1·9	21·0	82	24·6	303	3·0	25·9	20·6	5·3	6·4	0·5	5·0	43
11	963·6	25·2	3·4	19·4	70	22·3	270	0·6	28·2	21·3	6·9	5·4	2·0	6·8	58
12	963·7	24·9	2·3	21·0	79	24·6	270	0·9	26·9	20·8	6·1	5·1	16·3	9·3	80
13	964·7	24·9	2·0	21·5	81	25·4	292	2·7	26·0	20·9	5.1	3·5	0·3	10·1	87
14	965·7	25·0	1·7	22·1	84	26·3	292	7·5	25·9	21·2	4·7	4·2	0·3	8·7	75
15	965·5	25·2	2·1	21·6	80	25·5	270	4·0	25·4	20·8	4·6	6·2	0·7	5·8	50
16	963·4	24·3	0·5	23·4	95	28·5	281	4·5	26·3	20·7	5·6	6·4	1·5	4·7	41
17	960·9	23·9	0·7	22·7	93	27·3	292	10·0	25·2	21·8	3·4	10·0	10·3	1·3	11
18	957·3	21·4	0·3	20·9	97	24·5	303	12·9	23·9	21·1	2·8	10·0	23·5	0·0	0
19	945·3	...	...	...	...	...	360	14·0	...	...	...	10·0	174·2	0·0	0
20	954·3	23·8	1·0	22·1	90	26·3	112	12·3	24·5	...	...	9·9	151·0	0.1	1
21	966·0	24·7	2·4	20·6	78	24·0	34	0·6	25·8	19·5	6·3	5·4	13·8	9·8	85
22	969·7	25·9	1·9	22·7	82	27·3	326	7·9	28·6	19·0	9·6	5·5	34·8	9·7	84
23	971·5	20·9	5·0	12·1	57	14·0	303	1·5	22·2	16·7	5·5	7·1	0·0	5·3	46
24	971·8	21·9	3·8	15·2	66	17·1	292	1·9	22·5	15·3	7·2	5·5	1·0	9·4	82
25	971·6	22·3	2·2	18·4	79	21·0	303	3·6	24·0	16·5	7·5	2·7	2·5	10·4	91
26	969·1	23·6	3·4	17·8	70	20·2	259	4·0	25·0	18·3	6·7	3·7	0·0	9·5	83
27	970·0	24·7	2·6	20·3	77	23·6	292	2·3	26·2	19·9	6·3	5·7	0·0	9·6	84
28	969·1	24·1	2·0	20·7	81	24·2	270	0·6	24·4	18·9	5·5	9·6	0·0	2·7	24
29	967·4	23·9	3·0	18·7	73	21·4	337	0·8	24·7	18·7	6·0	8·4	9·0	5·3	47
30	970·3	20·3	2·4	16·0	76	18·0	303	4·8	22·0	16·5	5·5	8·0	0·0	6·4	56
...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean	965·2	24·0	2·1	20·4	81·1	24·0	300·2°	2.8	25·4	19 9	5·6	6·8	Sum 609·9	5·84	50·3
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

EXCESS OF CERTAIN ELEMENTS AT PAMPLEMOUSSES OVER THE CORRESPONDING ELEMENTS AT VACOAS.

Mean of the month at 10 a.m.

Atmospheric Presssure	+41·4 mbs
Temperature of the Air	+ 2·7 C.
Vapour Tension	+ 1·4mbs
Relative Humidity	− 7·9 %
Direction of Wind	0·1° E.
Velocity of Wind	+ 0·8 mps.
Amount of cloud	− 0·3

Amount of rain	−407·6 m.m.
Duration of sunshine	+32.8 hrs.
Mean of highest temperatures	+2·7 C.
Mean of lowest temperatures	+2·5 C.
Absolute highest temperature	+3·1 C.
Absolute lowest temperature	+2·0 C

*South (0); West (8); North (16); East (24).

TABLE VII.—DAILY RESULTS OF METEOROLOGICAL OBSERVATIONS made during the month of APRIL 1926.

Month and Day 1926.	Atmospheric Pressure		Temperature of the Air. (in degrees Centigrade.)					Excess of Air Temp. over Evaporation Temp.	Temperature of the Dew Point. (Centigrade.)		Degree of Humidity (Saturation=100)		Elastic Force of Vapour	Lowest Temperature on the Grass. (Cent.)	Rainfall.		Amount of Evaporation	Mean Amount of Cloud (Scale 0–10.)
	Mean	Excess above Average	Highest	Lowest.	Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average			Amount recorded by the Beckley Pluviograph.	Duration.		
APRIL.	mbs.	mbs.	c	c	c	c	c	c	c				mbs.	c	mm.	min.	mm.	
1	1006·0	− 0·5	27·6	24·0	3·6	25·4	+ 0·6	1·2	23·4	+ 2·4	89	+ 9	28·5	22·8	4·8	125	3·4	9·9
2	1004·1	− 2·5	29·7	23·6	6·1	26·3	+ 1·5	1·7	23·4	+ 2·5	84	+ 4	28·5	21·3	12·1	115	7·6	7·6
3	1004·6	− 2·1	30·7	23·0	7·7	26·4	+ 1·6	1·5	23·9	+ 3·0	86	+ 6	29·4	20·6	0·6	10	4·0	5·2
4	1006·3	− 0·4	29·9	23·5	6·4	25·3	+ 0·6	1·0	23·6	+ 2·8	90	+ 10	28·8	21·3	24·2	145	2·7	5·5
5	1007·3	+ 0·5	27·5	23·6	3·9	25·0	+ 0·3	0·8	23·6	+ 2·8	92	+ 12	28·8	21·6	19·4	300	5·0	9·3
6	1007·6	+ 0·7	28·4	23·1	5·3	25·5	+ 0·9	2·3	21·6	+ 0·9	79	0	25·5	20·8	1·0	45	7·0	5·2
7	1006·8	− 0·1	28·2	22·6	5·6	25·1	+ 0·5	2·2	21·4	+ 0·7	80	0	25·2	21·3	4·4	40	6·4	7·3
8	1006·4	− 0·6	28·3	22·7	5·6	25·0	+ 0·5	2·1	21·4	+ 0·8	80	0	25·2	20·2	0·3	10	5·3	6·5
9	1006·2	− 0·9	28·6	22·6	6·0	25·3	+ 0·8	2·5	21·0	+ 0·4	77	− 3	24·6	19·3	1·3	15	6·3	3·5
10	1005·1	− 2·1	28·5	22·0	6·5	25·0	+ 0·6	1·9	21·8	+ 1·3	82	+ 2	25·9	18·9	5·6	25	7·1	6·2
11	1004·0	− 3·2	29·9	23·5	6·4	25·7	+ 1·3	2·0	22·3	+ 1·9	82	+ 2	26·7	21·2	1·5	15	4·5	4·8
12	1004·3	− 3·0	29·2	23·3	5·9	26·0	+ 1·7	1·9	22·8	+ 2·4	83	+ 3	27·5	21·1	0·4	10	4·4	2·2
13	1005·4	− 2·0	28·9	23·6	5·3	25·8	+ 1·5	2·1	22·3	+ 2·0	81	+ 1	26·7	21·8	0·3	5	4·7	3·5
14	1006·3	− 1·1	29·2	24·0	5·2	25·8	+ 1·6	1·9	22·6	+ 2·3	83	+ 4	27·2	22·1	0·2	5	4·4	4·7
15	1005·5	− 2·0	28·5	23·8	4·7	25·5	+ 1·3	1·6	22·8	+ 2·6	85	+ 6	27·5	21·5	4·7	100	6·3	5·8
16	1003·5	− 4·1	28·7	23·3	5·4	25·6	+ 1·5	1·6	22·9	+ 2·7	85	+ 6	27·6	21·2	0·3	5	3·3	6·3
17	1000·8	− 6·9	28·9	24·2	4·7	26·4	+ 2·3	1·9	23·2	+ 3·1	82	+ 3	28·1	23·3	6·4	55	7·4	8·9
18	996·1	−11·6	27·9	24·0	3·9	26·2	+ 2·2	2·4	22·1	+ 2·0	78	− 1	26·3	23·3	20·3	285	4·6	9·8
19	985·3	−22·5	25·9	23·4	2·5	24·7	+ 0·8	1·1	22·8	+ 2·8	93	+ 14	27·5	22·7	52·4	945	3·0	10·0
20	996·3	−11·6	28·1	24·2	3·9	26·1	+ 2·2	1·5	23·6	+ 3·6	86	+ 7	28·8	22·8	11·8	105	7·8	9·8
21	1005·8	− 2·1	29·8	22·0	7·8	25·9	+ 2·1	2·5	21·7	+ 1·8	78	− 1	25·7	18·6	7·2	70	8·0	6·7
22	1010·5	+ 2·5	26·2	21·1	5·1	23·4	− 0·4	2·8	18·5	− 1·4	74	− 5	21·1	13·5	4·8	105	7·8	7·0
23	1012·8	+ 4·7	25·7	17·6	8·1	21·5	− 2·2	3·2	15·8	− 4·0	70	− 9	17·8	13·4	0·0	..	5·0	5·9
24	1012·8	+ 4·7	26·3	17·3	9·0	21·8	− 1·9	2·7	17·1	− 2·7	75	− 4	19·3	13·3	0·0	...	5·0	3·7
25	1011·1	+ 2·9	26·4	18·6	7·8	22·6	− 1·0	2·3	18·6	− 1·1	78	− 1	21·2	14·8	0·0	...	6·0	2·7
26	1010·2	+ 1·9	28·2	21·2	7·0	24·0	+ 0·4	2·1	20·4	+ 0·8	80	+ 1	23·7	19·0	0·0	...	6·0	4·2
27	1010·6	+ 2·3	27·5	22·1	5·4	24·3	+ 0·8	1·9	21·0	+ 1·4	82	+ 3	24·6	20·2	0·0	...	5·0	6·5
28	1009·2	+ 0·8	26·8	22·1	4·7	24·2	+ 0·8	1·6	21·5	+ 2·0	85	+ 6	25·4	19·8	0·0	...	6·2	9·4
29	1008·6	+ 0·1	28·0	21·1	6·9	23·7	+ 0·3	2·0	20·3	+ 0·9	81	+ 2	23·6	18·7	18·3	40	4·3	8·7
30	1011·3	+ 2·7	24·7	19·4	5·3	21·7	− 1·6	3·3	15·9	− 3·4	70	− 9	17·9	15·5	0·0	...	4·9	7·9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean	1005·7	− 1·8	28·1	22·4	5·7	24·8	+ 0·7	1·9	21·4	+ 1·2	81·7	+ 2·3	25·5	19·8	Sum 202·3	Sum 2575	5·4	6·5
Aver.	1007·5	...	27·7	21·1	6·6	24·1	...	2·3	20·2	...	79·4	...	23·4	18·3	113·5	1541	5·1	4·2
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

GENERAL WEATHER CONDITIONS DURING THE MONTH OF APRIL 1926.

Pressure was generally below normal with practically no gradients between Mauritius and Seychelles till the middle of the month. Between the 15th & the 21st a cyclone travelled from North East to South of Mauritius, the centre passing within 75 kilometres of the Island on the 19th in the afternoon.

After the passage of the storm pressure rose considerably in the South Indian Ocean, with pronounced gradients Northwards.

Except on the 22nd, 23rd, 24th, 25th and 30th, when markedly anticyclonic conditions prevailed, temperature was considerably above normal. In the mean for the month it was 2.7 °C above.

Relative humidity was generally above normal: but a spell of dry weather was associated with the high pressure referred to above.

Except for the cyclonic winds which occurred between the 16th and the 21st, wind velocity was generally below normal and its direction more southerly than usual.

Lighting was seen on the 1st, 2nd, 28th and 29th and thunder heard on the 4th and 5th. There was a thunderstorm during the night of the 28th to 29th. At the Observatory rainfall was 78% above normal and its duration 66% above. The percentage variation for the different districts of the Island was as follows:—

Northern Districts	River System 1,	46% above
Eastern Districts	,, ,, 2, 3, 4,	58% ,,
South-Eastern Districts	,, ,, 5 & 6	11% ,,
Western Districts	River System 11	167% above
	,, ,, 12	214% ,,
	,, ,, 13	303% ,,

July 10th, 1926

TABLE VII.—DAILY RESULTS of METEOROLOGICAL OBSERVATIONS made during the month of APRIL 1926.

Month and Day 1926.	Duration of Bright Sunshine.	Percentage of Possible Sunshine.	Wind: Components. North.	Wind: Components. East.	Wind: Resultant. Direction*.	Wind: Resultant. Velocity.	Wind: Observed Velocity. Mean.	Wind: Observed Velocity. Excess above Average.	Temperature of the Soil at a depth of. 10 Feet.	5 Feet.	2 Feet.	12 inches	6 inches	3 inches	Weather
APRIL.	hrs.	%	m.p.s.	m.p.s.	°	m.p.s.	m.p.s	m.p.s	c	c	c	c	c	c	
1	0·8	7	— 0·2	+ 2·5	275	2·5	2·6	— 0·7	25·9	27·2	28·4	28·3	27·7	27·5	ogp : ogpl .
2	8·8	75	— 0·5	+ 1·1	294	1·2	2·1	— 1·2	25·9	27·1	28·4	28·1	27·9	28·1	cgp : c · cpt : f.
3	7·5	63	+ 0·5	+ 0·6	230	0·8	1·3	— 2·0	25·9	27·2	28·3	28·4	28·2	28·5	c : cp : f .
4	4·5	38	+ 0·3	+ 0·6	243	0·6	1·7	— 1·6	25·9	27·2	28·4	28·7	28·2	28·0	f : c : cgpt : f .
5	2·7	14	+ 0·3	+ 3·0	264	3·0	3·1	— 0·2	25·9	27·1	28·4	28·5	27·7	27·5	cp : ogpt .
6	10·1	89	+ 0·4	+ 3·1	263	3·1	3·1	— 0·2	25·9	27·1	28·4	28·1	27·6	27·6	cgp : f : b .
7	8·1	69	— 0·4	+ 3·1	277	3·1	3·2	— 0·1	25·9	27·2	28·3	28·2	27·7	27·7	f : cp : c : op.
8	6·9	59	— 0·7	+ 2·8	284	2·9	2·9	— 0·4	25·9	27·2	28·3	28·2	27·6	27·6	og : f c : o .
9	10·9	93	— 1·7	+ 3·2	298	3·6	3·7	+ 0·4	25·9	27·1	28·2	28·1	27·6	27·6	f : b.
10	7·2	61	— 1·5	+ 2·2	304	2·6	2·7	— 0·6	25·9	27·2	28·2	28·1	27·5	27·6	b : cp : c .
11	8·0	69	— 1·1	+ 1·8	301	2·1	2·3	— 1·0	25·9	27·1	28·2	28·1	27·8	28·0	f : cpt : b .
12	11·0	94	— 0·5	+ 2·2	283	2·2	2·4	— 0·9	25·9	27·1	28·2	28·4	28·0	28·2	f .
13	10·6	91	— 1·2	+ 3·0	292	3·2	3·2	— 0·1	25·9	27·2	28·2	28·5	28·1	28·3	f .
14	7·8	67	— 0·8	+ 3·2	284	3·3	3·8	+ 0·5	25·9	27·1	28·2	28·3	27·8	27·9	f : cp : f .
15	7·3	63	0·0	+ 3·9	270	3·9	3·6	+ 0·3	25·9	27·1	28·3	28·3	27·7	27·8	cp : c : cp .
16	7·3	63	— 1·5	+ 3·5	293	3·8	3·8	+ 0·5	26·0	27·2	28·3	28·2	27·5	27·5	b : cq : cp: c .
17	8·4	72	— 2·6	+ 5·6	295	6·1	6·2	+ 2·9	25·9	27·1	28·2	28·2	27·6	27·9	cp : cq : opg .
18	0·1	1	— 5·4	+ 6·7	309	8·6	8·8	+ 5·5	26·0	27·2	28·1	28·0	27·0	26·7	ogq : ogpq .
19	0·0	0	— 9·1	— 3·3	20	9·7	13·5	+ 10·2	26·0	27·1	27·9	27·1	25·9	25·3	ogpq .
20	1·2	10	+ 2·4	— 6·8	109	7·2	7·3	+ 4·0	26·0	27·1	27·7	26·4	26·0	26·2	ogpq : ogq : cg .
21	8·0	69	— 1·2	— 1·2	45	1·7	2·8	— 0·5	26·0	27·1	27·6	27·0	26·9	27·5	cgp : c : f .
22	9·3	82	— 3·5	+ 1·8	332	3·9	4·0	+ 0·7	26·0	27·2	27·5	27·3	26·9	26·8	ogp : f : c .
23	8·6	75	— 1·9	+ 2·0	314	2·7	2·9	— 0·4	26·0	27·1	27·5	26·8	25·9	25·2	f : c : f .
24	9·8	85	— 1·6	+ 2·5	303	2·9	3·0	— 0·3	25·9	27·1	27·4	26·3	25·4	25·0	f : b .
25	10·8	95	— 1·4	+ 2·9	296	3·2	3·3	0·0	26·0	27·1	27·2	26·1	25·3	25·1	b : f .
26	10·0	87	— 0·3	+ 2·4	277	2·4	2·6	— 0·7	26·0	27·0	27·0	26·1	25·8	25·9	b : f : c .
27	9·6	84	— 0·5	+ 2·9	282	2·4	3·1	— 0·2	26·0	27·1	27·0	26·4	26·2	26·4	c : f : cg .
28	1·9	16	— 0·2	+ 2·0	276	2·0	2·2	— 1·1	26·0	27·1	27·0	26·6	26·2	26·1	og : cg : og .
29	5·0	44	— 1·4	+ 1·0	324	1·7	3·0	— 0·3	26·0	27·0	27·0	26·5	26·0	25·8	og : cg : cgt .
30	5·9	52	— 2·6	+ 3·0	311	3·9	4·0	+ 0·7	26·0	26·9	26·9	26·2	25·2	24·8	cglt : c .
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Mean	6·94	59·6	—1·26	+ 2·04	301·7	2·40	3·74	+0·44	25·94	27·12	27·89	27·60	27·03	27·00	...
Average	7·68	66·1	—0·97	+ 2·64	289·1	2·81	3·30	...	25·49	26·94	...	...	..	...	...
Column	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33

MEANS AND EXTREMES OF CERTAIN METEOROLOGICAL ELEMENTS DURING THE MONTH OF APRIL 1926.

Element	Highest			Date	Lowest			Date
Atmospheric Pressure	1014·8mbs	at	23h	on 23rd	979·5mbs	at	15h	on 19th
Temperature of the Air	30·7C	at	11·15	on 3rd	17·3C	at	6·45	on 24th
Daily range of temperature of the Air...	9·0C		...	on 24th	2·5C		...	on 19th
Temperature of the Dew Point	25·8C	at	15h	on 3rd	13·6C	at	5h	on 23rd
Daily range of temperature of the Dew Point	5·7C	...	...	on 29th	1·4C		...	on 11th
Relative humidity...	98·4%	at	3h	on 5th	52·0%	at	12h	on 23rd
Wind Velocity	18·4 m.p.s.	at	17h	on 19th	0·6 mps		16h	4th
Rainfall	65·6mm.	ending	18h	on 19th		..	...	...
Temperature of the soil at 3 ins. ...	30·0C	at	15h	on 21st	23·1C	at	9h	on 24th
,, ,, at 6 ins. ...	28·9C	at	21h	on 3rd	24·4C	at	9h	on 25th
Duration of sunshine...	11·0 hrs.		...	on 12th	0·0 hrs.		...	on 19th
Amount of Evaporation in 24 hours	8·0 mm.		...	on 21st	2·7 m.m.		...	on 4th
Vapour Tension	32·9mbs	at	15h	on 3rd	15·4 mbs	at	5h	on 23rd
Minimum on Grass	...		...	...	13·3C		...	on 24th

Number of Days Overcast, 12, Clear 2, of Rain 23, of Lightning 4, of Thunderstorm 1

Mean Day Temperature of Air, 26·14C. Average, 25·54C. Mean Night Temperature of Air, 23·53C. Average, 22·39C.

*South (0°); West (90°); North (180°); East (270°).

TABLE VIII.—ATMOSPHERIC PRESSURE IN MILLIBARS AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(The values are corrected for temperature and for the effect of gravity, but are not reduced to sea level. (The cistern of the barometer is 55·2 metres above mean sea-level.)

APRIL 1926.

When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.

Hour \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. \ Hour.
Midnight	0069	0058	0052	0062	0071	0073	0078	0073	0070	0066	0050	0049	0054	0064	0069	0055	Midnight
1h	0065	0050	0043	0060	0069	0064	0073	0066	0067	0061	0047	0044	0050	0060	0065	0050	1h
2	0065	0042	0040	0057	0063	0071	0070	0063	0060	0057	0040	0041	0047	0058	0060	0043	2
3	0061	0038	0039	0053	0062	0069	0064	0062	0059	0051	0039	0036	0041	0057	0056	0039	3
4	0060	0031	0033	0050	0062	0070	0065	0060	0054	0049	0035	0031	0040	0054	0052	0038	4
5	0059	0033	0038	0052	0062	0070	0068	0058	0055	0050	0034	0037	0041	0055	0052	0039	5
6	0061	0039	0042	0060	0069	0077	0069	0060	0059	0052	0039	0039	0048	0060	0056	0041	6
7	0061	0040	0049	0064	0071	0081	0070	0065	0063	0055	0042	0040	0050	0068	0060	0045	7
8	0069	0048	0049	0068	0074	0082	0078	0069	0067	0059	0045	0045	0055	0070	0065	0049	8
9	0074	0052	0050	0071	0078	0089	0080	0071	0070	0061	0049	0050	0060	0070	0069	0052	9
10	0074	0051	0050	0070	0079	0090	0080	0074	0071	0061	0049	0050	0061	0071	0069	0051	10
11	0071	0050	0049	0068	0078	0087	0072	0073	0069	0060	0048	0050	0060	0070	0065	0042	11
Noon	0060	0041	0044	0062	0070	0078	0060	0067	0060	0050	0040	0045	0054	0061	0055	0033	Noon
13h	0055	0036	0040	0060	0069	0071	0058	0060	0058	0047	0032	0039	0049	0056	0050	0028	13h
14	0050	0029	0037	0060	0068	0070	0056	0053	0051	0039	0027	0030	0046	0053	0043	0022	14
15	0049	0022	0032	0059	0066	0065	0051	0050	0050	0034	0022	0030	0042	0053	0039	0020	15
16	0049	0025	0032	0053	0067	0066	0052	0050	0050	0036	0027	0030	0047	0057	0038	0019	16
17	0051	0029	0038	0058	0070	0070	0058	0056	0053	0039	0035	0030	0050	0059	0040	0020	17
18	0051	0020	0041	0060	0072	0074	0060	0060	0057	0041	0032	0038	0053	0060	0040	0025	18
19	0054	0040	0050	0068	0079	0078	0063	0061	0061	0049	0040	0041	0059	0068	0049	0027	19
20	0062	0049	0057	0072	0080	0081	0071	0071	0070	0053	0048	0052	0062	0070	0055	0030	20
21	0062	0050	0060	0076	0088	0088	0079	0072	0070	0058	0051	0059	0070	0073	0059	0031	21
22	0060	0051	0063	0079	0091	0081	0080	0076	0070	0057	0050	0058	0071	0075	0058	0031	22
23	0060	0056	0064	0078	0085	0080	0080	0071	0069	0053	0050	0057	0069	0075	0058	0030	23

When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.

Hour \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	...	Mean	Day \ Hour
Midnight	0030	9993	9920	9901	0025	0094	0127	0145	0130	0110	0111	0108	0083	0110	...	1006·3	Midnight
1h	0023	9990	9913	9903	0027	0092	0123	0141	0128	0104	0109	0101	0086	0109	...	1005·9	1h
2	0015	9987	9900	9900	0027	0091	0120	0136	0122	0100	0105	0098	0081	0106	...	1005·5	2
3	0010	9981	9890	9898	0027	0091	0118	0130	0117	0099	0102	0091	0079	0101	...	1005·2	3
4	0008	9980	9881	9900	0030	0090	0117	0130	0116	0095	0100	0090	0077	0102	...	1005·0	4
5	0010	9978	9875	9915	0038	0090	0117	0129	0113	0092	0100	0091	0075	0105	...	1005·1	5
6	0017	9978	9862	9922	0042	0095	0120	0130	0116	0097	0105	0095	0078	0110	...	1005·5	6
7	0020	9980	9873	9935	0050	0103	0125	0131	0119	0101	0110	0100	0080	0115	...	1005·9	7
8	0021	9980	9869	9950	0056	0110	0131	0137	0121	0106	0115	0100	0082	0119	...	1006·3	8
9	0020	9978	9864	9961	0064	0114	0133	0139	0125	0110	0117	0100	0088	0121	...	1006·6	9
10	0019	9980	9850	9968	0067	0115	0136	0140	0122	0110	0117	0106	0090	0122	...	1006·6	10
11	0014	9971	9830	9970	0065	0110	0130	0135	0119	0107	0115	0100	0089	0119	...	1006·3	11
Noon	0005	9962	9815	9969	0060	0105	0126	0126	0107	0100	0110	0095	0083	0111	...	1005·5	Noon
13h	9999	9949	9802	9967	0053	0100	0120	0120	0101	0093	0100	0089	0080	0107	...	1005·0	13h
14	9990	9950	9796	9970	0050	0096	0116	0111	0096	0089	0095	0090	0079	0103	...	1004·6	14
15	9990	9944	9795	9974	0050	0095	0113	0110	0092	0090	0094	0080	0077	0101	...	1004·3	15
16	9990	9943	9796	9979	0052	0099	0117	0111	0092	0090	0097	0077	0080	0105	...	1004·4	16
17	9995	9945	9800	9987	0060	0100	0121	0113	0097	0095	0100	0080	0082	0108	...	1004·8	17
18	0000	9942	9815	9995	0070	0110	0128	0119	0100	0100	0104	0083	0088	0113	...	1005·2	18
19	0005	9947	9835	0003	0076	0115	0135	0122	0105	0105	0103	0083	0091	0114	...	1005·8	19
20	0010	9948	9850	0012	0083	0120	0141	0130	0110	0110	0110	0089	0097	0120	...	1006·4	20
21	0011	9942	9870	0020	0090	0125	0145	0131	0115	0113	0111	0091	0102	0124	...	1006·8	21
22	0010	9936	9881	0022	0093	0127	0147	0131	0112	0112	0111	0091	0106	0125	...	1006·8	22
23	0003	9928	9890	0025	0095	0127	0148	0130	0111	0111	0109	0090	0109	0127	...	1006·8	23

TABLE IX.—AMOUNT OF CLOUD at every HOUR of the DAY (0 = CLEAR SKY, 10 = OVERCAST SKY).

Hour. \ Day.	April 1926.																															
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	Mean.
Midnight	10	10	5	2	8	10	2	10	2	2	3	1	0	2	4	1	10	9	10	10	9	10	5	5	0	1	7	10	10	9		5·9
1h	10	10	6	2	10	10	2	10	3	2	4	1	0	2	6	1	10	9	10	10	8	10	4	4	0	1	6	10	10	9		6·0
2	10	9	6	2	10	10	4	10	2	2	4	1	0	2	4	1	9	9	10	10	8	10	5	4	0	1	6	10	10	9		5·9
3	10	9	7	3	9	9	6	10	3	2	4	0	1	3	0	1	9	9	10	10	8	10	4	3	1	1	7	10	10	9		5·9
4	10	9	4	3	8	8	6	9	7	2	3	1	4	6	2	1	8	10	10	10	9	10	3	3	1	1	5	10	10	10		6·1
5	10	8	3	3	9	6	7	9	5	3	3	1	5	6	3	1	8	10	10	10	8	10	2	3	1	1	6	10	10	10		6·0
6	10	4	3	4	8	4	9	8	3	7	5	1	7	7	4	3	6	9	10	10	5	9	6	4	2	2	4	10	9	10		6·1
7	10	3	3	5	7	8	9	7	4	8	4	1	6	9	5	5	9	10	10	10	6	9	4	4	2	2	5	10	9	10		6·5
8	10	4	6	5	7	7	9	2	3	4	5	3	6	8	7	7	9	10	10	10	7	6	6	4	3	2	5	10	9	8		6·4
9	10	8	7	6	7	7	8	3	3	6	5	4	4	4	7	7	9	10	10	10	7	6	7	6	4	2	3	9	4	6		6·3
10	10	8	7	7	9	5	7	5	4	8	7	5	4	5	6	7	9	10	10	10	8	7	8	7	4	4	4	9	5	5		6·8
11	10	8	7	8	10	5	7	5	4	7	7	5	6	6	7	8	8	10	10	10	7	5	8	7	5	4	7	9	8	7		7·2
Noon	10	9	7	7	9	5	7	4	4	7	8	4	6	6	8	7	9	10	10	10	8	6	7	6	3	5	7	9	8	6		7·1
13h	10	9	8	9	10	5	8	9	5	9	8	5	6	8	9	8	7	10	10	10	8	5	7	3	5	5	7	9	9	6		7·6
14	10	8	8	10	10	5	7	8	5	8	8	5	5	8	9	9	6	10	10	10	6	3	8	5	5	6	6	10	9	8		7·5
15	10	8	8	9	10	4	9	9	6	8	9	3	4	7	9	9	9	10	10	10	8	5	8	2	4	6	8	8	10	9		7·6
16	10	9	7	9	10	5	9	9	5	8	9	3	4	6	9	9	9	10	10	10	7	4	6	3	4	6	7	8	10	8		7·4
17	10	9	8	6	10	7	8	8	5	9	10	3	3	5	10	9	10	10	10	10	8	3	5	4	6	7	6	8	9	7		7·4
18	9	9	7	9	10	2	9	8	3	9	5	2	3	3	10	9	10	10	10	10	3	7	4	5	3	8	4	9	9	7		6·9
19	9	10	6	8	10	2	7	6	3	8	4	2	3	2	8	8	10	10	10	10	2	7	6	4	3	7	8	9	8	5		6·5
20	9	9	2	3	10	1	2	4	2	9	2	1	2	1	5	8	10	10	10	9	2	8	8	3	4	7	8	9	5	4		5·6
21	10	4	0	1	10	1	10	2	1	9	0	1	2	1	5	9	10	10	10	10	2	8	9	2	2	6	9	10	9	8		5·7
22	10	5	1	3	10	1	10	2	1	6	0	1	1	2	3	9	10	10	10	9	8	7	7	1	1	6	9	10	9	10		5·7
23	10	6	2	5	10	1	10	2	1	4	0	0	2	2	1	9	10	10	10	8	10	5	5	0	1	7	10	10	9	10		5·7

TABLE X.—DURATION of BRIGHT SUNSHINE at every HOUR of the DAY as recorded by the CAMPBELL-STOKES SUNSHINE RECORDER.

Hour* Ending \ Day.	April 1926.																															
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d	Total.
	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	hrs.
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0·0
7	0	15	35	0	0	8	5	7	16	5	29	28	15	2	2	10	0	0	0	0	5	0	25	25	21	20	14	0	0	0		4·8
8	2	60	60	5	50	55	30	45	60	60	60	60	60	0	45	58	55	0	0	0	58	0	18	60	60	60	55	4	20	0		18·3
9	0	60	60	40	20	55	55	58	60	55	60	60	60	13	60	35	58	0	0	0	60	58	40	60	60	60	59	25	60	32		22·0
10	0	60	47	45	22	60	60	60	60	15	60	60	60	60	60	35	58	0	0	0	60	52	55	45	60	60	55	30	60	60		22·7
11	0	58	58	48	21	60	60	60	60	25	60	60	60	60	58	60	30	0	0	0	60	55	52	55	60	60	53	2	60	60		22·6
Noon	6	52	5	22	34	60	58	60	60	52	50	60	60	60	50	55	45	0	0	0	60	58	53	60	60	60	59	0	60	60		22·0
13h	8	48	10	1	12	60	55	55	60	50	50	60	60	55	50	48	58	0	0	0	60	59	58	60	60	60	60	0	29	30		20·3
14	0	55	0	0	5	60	55	16	60	55	60	60	58	55	43	40	60	0	0	6	60	60	50	60	60	60	60	0	10	30		19·0
15	33	35	13	0	0	60	38	30	60	56	50	60	60	55	45	40	55	0	0	32	30	60	55	60	60	60	58	5	0	30		19·0
16	2	45	60	52	0	58	40	8	60	57	0	60	60	55	28	45	50	0	0	35	2	55	55	60	60	58	60	28	0	15		18·5
17	0	33	60	51	0	50	30	15	60	0	0	60	55	41	0	12	32	4	0	0	22	60	52	45	60	40	42	21	0	40		14·7
18	0	5	40	8	0	20	0	0	40	0	0	32	25	10	0	0	0	0	0	0	3	40	1	0	30	0	0	0	0	0		4·2
19																																

The total amount of registered sunshine was 208·1 hours and the total possible sunshine 347·9 hours.

* Reckoned from apparent midnight.

TABLE XI.—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(*To obtain temperatures on the Absolute Scale add 273*)

APRIL 1926.

Day. / Hour.	1d.		2d.		3d.		4d.		5d.		6d.		7d.		8d.		Day. / Hour
	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	
Midnight	24·6	0·6	25·0	0·7	24·9	0·7	24·0	0·8	24·3	0·4	24·2	0·6	23·9	1·0	22·9	0·9	Midnight
1h	24·5	0·7	24·9	0·7	24·6	0·6	23·9	0·7	24·2	0·5	24·4	0·8	23·9	1·2	22·9	1·0	1
2	24·4	0·6	24·7	0·6	24·5	0·6	23·6	0·5	24·4	0·4	24·6	1·2	23·7	1·5	22·9	1·0	2
3	24·3	0·6	24·5	0·5	24·0	0·7	23·5	0·5	24·0	0·2	24·5	1·2	23·5	1·2	23·0	0·8	3
4	24·2	0·6	24·3	0·4	23·8	0·7	23·7	0·6	24·4	0·4	24·1	0·9	23·3	1·1	22·9	0·7	4
5	24·0	0·4	23·8	0·5	23·2	0·4	23·7	0·6	24·2	0·4	23·1	0·4	23·1	1·1	22·9	0·8	5
6	24·0	0·5	24·0	0·6	23·0	0·6	23·9	0·6	24·1	0·3	23·6	0·7	23·8	1·0	22·8	0·9	6
7	24·0	0·4	24·5	0·5	24·3	0·3	24·0	0·4	24·3	0·3	23·9	0·9	23·4	0·9	23·4	1·4	7
8	25·1	0·9	26·4	1·3	26·9	1·8	24·6	0·6	26·0	0·8	26·0	1·6	24·6	1·7	25·0	1·8	8
9	25·9	1·3	27·4	2·2	28·2	2·2	26·3	1·3	26·6	1·4	27·0	2·7	26·9	2·9	26·9	3·0	9
10	25·9	1·1	28·0	2·5	29·3	2·6	27·7	2·3	26·5	1·1	27·5	3·5	27·0	3·2	27·1	3·8	10
11	25·9	1·3	28·7	3·4	30·3	3·5	28·9	2·3	25·7	0·5	27·8	4·5	27·8	4·3	27·5	4·3	11
Noon	27·3	2·2	28·1	2·8	29·1	2·6	29·9	3·0	27·0	1·7	28·0	4·5	27·8	3·8	28·0	4·7	Noon
13h	27·0	2·1	28·5	3·3	29·0	3·0	27·0	1·2	25·6	0·7	28·2	4·9	27·7	4·3	28·0	3·8	13h
14	26·8	1·8	29·2	3·6	28·8	2·3	24·2	0·2	25·7	1·0	28·1	4·4	27·8	4·3	27·2	3·2	14
15	27·5	3·0	28·1	2·1	27·6	1·1	24·8	0·4	25·0	1·0	27·9	4·5	27·7	4·4	27·1	3·5	15
16	26·3	1·6	29·0	2·8	29·2	2·7	26·5	1·5	24·4	0·5	27·4	3·6	27·4	3·8	26·5	3·2	16
17	26·1	1·9	28·3	2·4	28·5	2·4	26·8	1·8	24·9	0·9	26·8	3·5	26·5	3·3	26·3	2·8	17
18	25·8	1·8	27·9	2·6	28·0	2·0	26·0	1·1	24·1	0·9	25·0	2·1	25·9	2·3	25·6	2·0	18
19	25·3	1·1	26·0	2·0	26·5	1·2	25·5	0·8	24·9	1·2	24·4	1·8	24·8	1·8	24·7	1·7	19
20	25·1	1·0	25·6	1·6	26·0	1·0	24·7	0·7	25·4	1·8	24·4	1·9	24·4	2·0	24·4	1·4	20
21	25·0	0·7	25·0	1·7	25·3	1·0	24·6	0·5	25·4	1·7	23·8	1·8	23·8	1·2	24·2	1·3	21
22	25·1	0·6	24·8	1·7	24·5	0·7	24·7	0·6	24·7	1·0	23·9	1·8	23·0	0·9	24·0	1·2	22
23	25·0	0·8	24·8	1·7	24·2	0·8	24·4	0·6	24·1	0·5	23·9	1·2	22·7	0·6	23·6	1·1	23

Day. / Hour.	9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.		Day. / Hour
	Air	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	
Midnight	23·7	1·3	23·2	1·4	24·3	1·1	24·6	0·7	24·6	0·7	24·0	1·0	24·8	1·4	24·0	1·0	Midnight
1h	23·7	1·0	23·2	1·2	24·0	1·0	24·4	0·7	24·6	0·8	24·1	1·1	24·9	1·3	23·6	0·7	1h
2	23·2	0·8	23·0	1·2	24·1	1·0	24·1	0·8	24·3	1·0	24·2	1·0	24·7	1·3	23·5	0·7	2
3	23·2	0·9	22·5	1·0	24·1	0·9	24·0	0·7	24·1	0·9	24·4	1·1	24·7	1·4	23·6	0·9	3
4	23·2	0·7	22·1	0·8	24·0	0·9	23·6	0·7	24·0	1·0	24·6	1·2	24·0	1·0	23·6	0·9	4
5	22·7	0·9	23·0	1·1	24·0	0·8	23·9	0·7	23·8	0·9	24·5	1·2	24·0	1·0	23·6	0·9	5
6	22·7	0·9	23·0	0·9	23·9	0·9	23·7	0·8	24·0	0·9	24·4	1·2	23·8	0·8	23·4	0·7	6
7	23·6	0·7	23·2	0·9	24·3	0·9	24·0	0·7	25·0	1·1	25·0	1·3	24·0	1·6	24·0	1·0	7
8	25·7	2·1	25·6	1·7	26·0	1·7	26·0	1·7	27·0	2·5	25·4	1·5	26·0	1·8	26·1	2·0	8
9	27·0	3·0	26·5	2·5	27·5	2·8	27·4	2·4	27·2	3·0	26·0	2·0	27·0	2·6	26·8	2·3	9
10	27·7	4·0	26·5	2·7	27·6	3·0	28·1	3·1	28·0	3·5	28·0	3·5	28·1	3·1	27·1	2·2	10
11	28·0	4·2	26·6	2·9	28·0	3·5	28·6	3·6	28·1	3·6	28·7	3·7	28·2	3·7	27·6	2·6	11
Noon	28·3	4·3	27·4	3·2	28·9	3·9	29·0	3·5	28·2	4·2	28·4	3·4	28·1	3·1	28·1	2·9	Noon
13h	28·4	4·4	28·0	3·4	28·8	3·9	28·8	4·4	28·3	4·3	28·8	3·8	27·9	2·9	26·8	2·5	13h
14	28·0	4·8	27·9	3·6	29·9	4·5	29·0	4·5	27·6	3·1	27·6	2·3	27·0	2·5	27·0	2·1	14
15	27·8	4·2	27·5	3·2	28·6	3·6	28·5	3·5	28·0	3·8	27·9	2·9	25·9	1·8	27·9	2·6	15
16	27·5	4·1	26·6	2·6	26·9	2·9	28·0	3·7	28·0	3·8	27·4	2·5	26·1	1·1	27·1	2·1	16
17	26·4	3·5	25·0	1·4	25·7	1·7	27·5	3·5	26·8	2·8	26·8	2·9	25·0	0·9	26·6	1·8	17
18	25·2	2·4	25·0	1·2	24·9	1·5	26·4	2·1	26·0	2·1	26·0	2·2	25·1	1·1	26·0	1·7	18
19	24·5	2·2	24·8	1·6	24·0	1·3	25·1	1·1	25·0	1·4	25·0	1·6	25·0	1·1	25·4	1·1	19
20	24·3	2·1	24·6	1·3	24·0	1·2	25·0	1·0	24·6	1·3	24·7	1·4	24·7	0·9	25·2	0·9	20
21	24·4	2·3	24·7	1·4	23·9	1·0	24·8	0·9	24·5	1·3	24·7	1·4	24·5	0·9	25·5	1·2	21
22	23·8	1·8	24·4	1·2	24·1	1·1	24·7	0·9	24·3	1·1	24·7	1·4	24·1	1·1	25·2	1·0	22
23	23·7	1·7	24·4	1·3	24·4	0·7	24·6	0·9	24·1	1·0	24·6	1·3	24·0	0·7	25·2	1·0	23

TABLE XI. (*Contd.*)—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(*To obtain temperatures on the Absolute Scale add* 273)

APRIL 1926

Day / Hour	17d.		18d.		19d.		20d.		21d.		22d.		23d.		24d.		Day / Hour
	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	
Midnight	25·2	1·1	26·1	2·3	25·0	1·5	25·1	0·7	25·4	1·4	22·7	0·9	21·2	3·4	18·7	1·9	Midnight
1h	25·0	0·8	26·1	2·2	24·9	1·2	24·3	0·3	25·4	1·5	22·9	0·9	19·4	2·5	18·9	1·6	1h
2	24·9	0·9	26·1	2·1	24·8	1·2	24·3	0·4	25·0	1·5	22·6	0·6	18·6	1·8	20·0	1·7	2
3	25·0	1·0	26·7	2·5	24·6	1·4	25·0	0·6	25·0	1·3	22·4	0·5	18·7	1·6	19·4	1·5	3
4	25·1	1·2	26·6	2·6	24·9	1·2	25·0	0·2	25·1	1·2	22·5	0·8	18·3	1·0	19·0	1·1	4
5	25·0	1·0	26·9	3·5	24·5	1·0	25·2	0·7	24·6	1·3	22·5	1·2	17·6	0·9	19·5	1·1	5
6	25·1	1·0	27·0	3·1	24·4	1·4	25·4	0·7	23·9	0·9	22·0	1·0	18·0	2·4	18·3	0·8	6
7	25·5	1·2	27·2	3·4	23·6	0·5	25·4	0·7	23·5	1·2	22·3	1·5	20·3	2·2	17·7	0·7	7
8	26·8	1·9	26·4	2·6	23·9	0·8	25·9	1·1	25·1	1·2	23·1	2·0	21·1	1·8	22·4	4·0	8
9	27·5	2·5	27·1	3·1	25·0	1·6	26·1	1·1	26·6	2·6	24·5	3·1	24·0	4·0	24·0	4·5	9
10	27·9	2·7	24·1	1·2	25·0	1·7	26·8	1·8	27·9	4·6	25·2	3·7	24·3	5·3	24·1	4·1	10
11	27·0	1·6	26·0	2·6	25·0	1·8	27·8	2·1	28·5	4·8	25·1	3·7	25·0	6·1	24·9	4·4	11
Noon	28·0	2·5	26·9	3·6	25·0	1·8	27·8	2·0	29·2	5·2	25·4	3·9	25·0	6·2	25·0	5·0	Noon
13h	28·9	3·3	27·1	3·3	25·1	1·3	27·6	2·3	29·1	4·1	25·9	5·1	25·2	6·2	25·6	5·3	13h
14	28·5	3·0	26·8	2·5	25·3	1·5	27·6	2·5	29·7	5·1	26·0	5·6	25·2	5·9	25·9	5·4	14
15	28·1	2·6	26·0	1·7	24·2	0·5	28·0	2·5	28·7	3·7	26·0	5·6	25·0	5·0	25·4	4·8	15
16	28·1	2·7	26·1	2·2	24·0	0·3	26·9	2·3	28·3	3·3	24·9	5·1	24·6	5·2	24·7	4·5	16
17	27·6	2·6	26·0	2·1	24·1	0·2	26·5	2·1	27·6	3·4	24·0	3·8	23·3	4·2	23·7	3·7	17
18	26·0	1·0	26·5	2·6	24·4	0·4	26·1	1·8	25·5	2·9	22·7	2·9	21·7	3·1	22·1	2·2	18
19	26·0	1·5	25·8	1·8	24·9	0·9	26·1	1·9	24·4	2·1	22·1	2·3	20·8	2·7	21·5	1·9	19
20	26·1	1·8	26·0	2·1	24·9	0·8	26·0	1·7	24·1	2·0	22·3	3·1	20·0	2·2	21·1	1·8	20
21	24·5	1·2	25·6	1·6	24·6	0·6	26·0	1·7	23·7	1·7	21·4	2·5	20·7	1·8	20·9	1·8	21
22	25·0	2·3	25·2	1·3	24·9	0·8	25·6	1·5	23·9	2·1	21·7	2·5	20·9	1·9	20·4	1·4	22
23	25·7	2·2	25·2	1·4	25·0	1.1	25·4	1·6	22·6	0·7	21·7	2·9	19·4	1·9	20·3	1·3	23

Day / Hour	25d.		26d.		27d.		28d.		29d.		30d.		...		Mean		Day / Hour
	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Exces of Air over Evap.	Air.	Excess of Air over Evap.	
Midnight	19·8	1·0	22·3	1·3	22·7	0·9	22·6	0·9	23·0	0·7	21·3	2·3	...	...	23·6	1·1	Midnight
1h	19·4	0·9	22·1	1·2	22·1	0·7	22·5	0·8	23·2	0·4	21·4	2·8	...	...	23·4	1·0	1h
2	19·3	1·1	22·0	1·1	22·6	0·8	22·5	0·8	23·8	0·6	21·3	2·6	...	...	23·4	1·1	2
3	19·3	1·0	21·9	1·1	22·7	0·8	22·6	0·8	22·3	0·4	21·1	3·0	...	...	23·3	1·0	3
4	19·7	0·9	21·5	0·7	22·6	0·7	22·6	0·7	21·8	0·4	21·0	3·2	...	...	23·2	1·0	4
5	20·0	1·0	21·9	0·9	22·9	0·9	22·9	0·9	21·6	0·3	21·0	3·0	...	...	23·1	1·0	5
6	19·1	0·8	21·6	0·7	22·8	0·8	23·0	1·0	21·4	0·4	21·1	3·0	...	...	23·0	1·0	6
7	19·3	0·6	22·0	0·7	23·1	0·6	23·0	1·0	21·6	0·5	21·3	3·2	...	...	23·4	1·1	7
8	23·0	2·2	24·2	1·9	24·6	1·5	24·5	1·6	22·9	1·0	21·5	2·7	...	...	24·9	1·7	8
9	24·0	2·9	25·5	3·0	25·9	2·8	25·9	2·4	25·0	3·0	22·1	2·8	...	...	26·1	2·5	9
10	25·4	4·0	26·0	4·0	27·0	3·8	26·5	2·6	25·9	3·6	24·0	4·5	...	...	26·7	3·1	10
11	25·1	3·5	26·7	3·9	26·8	3·9	25·0	2·7	27·0	2·7	24·6	5·0	...	...	27·0	3·3	11
Noon	25·9	4·4	27·1	4·3	27·2	4·8	25·8	2·5	28·0	3·2	24·5	4·6	...	...	27·4	3·6	Noon
13h	25·4	4·2	26·6	4·1	27·3	4·4	26·0	2·8	27·0	3·0	23·6	4·7	...	..	27·2	3 5	13h
14	26·2	4·5	26·4	3·6	27·1	4·1	25·8	2·5	26·2	2·2	23·9	4·7	...	...	27 1	3·4	14
15	25·3	3·8	26·8	4·0	26·8	3·9	25·9	2·4	24·8	3·1	22·9	4·1	...	...	26·7	3·1	15
16	25·1	3·8	26·1	3·6	26·0	3·0	25·9	3·0	24·6	3·0	22·6	4·0	...	..	26·4	2·9	16
17	24·5	3·2	25·4	2·9	25·0	2·7	25·4	2·5	24·1	2·9	22·0	3·9	...	...	25·8	2·6	17
18	23·1	1·8	24·6	1·9	24·0	1.7	24·5	1·6	23·6	2·5	21·0	3·1	...	...	25·0	2·0	18
19	22·5	1·4	23·7	1·4	23·3	1·2	24·0	1·1	22·7	2·0	20·3	2·9	...	...	24·3	1·6	19
20	22·1	1·4	23·1	1·1	23·0	0·9	24·0	1·0	22·5	2·4	20·3	2·6	...	...	24·1	1·6	20
21	22·0	1·4	23·9	1·1	23·0	1·0	23·5	0·9	22·2	2·2	19·5	2·4	...	...	23·8	1·4	21
22	22·0	1·3	22·8	1·0	22·9	1·0	23·3	0·6	22·0	2·6	20·2	2·8	...	...	23·7	1·4	22
23	22·4	1·5	22·6	0·8	22·6	0·8	22·9	0·7	21·7	2·6	19·9	2·9	...	...	23·5	1·3	23

TABLE XII.—NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(*The results are increased by* 90 *in order to obviate the necessity for signs. The unit in the table is* 0·1 *metre.*)

APRIL 1926.

Day. / Hour.	1d.		2d.		3d.		4d.		5d.		6d.		7d.		8d.		Day. / Hour
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	900	919	900	919	897	907	910	896	885	915	900	932	900	922	888	918	Midnight
1h	900	920	897	913	896	910	911	895	900	922	906	927	900	922	885	923	1h
2	900	913	897	917	897	906	912	895	900	920	905	925	889	926	886	921	2
3	900	918	897	917	896	909	915	894	900	911	903	916	889	926	889	928	3
4	900	919	897	913	895	912	910	896	900	920	905	925	892	920	893	915	4
5	898	911	900	911	894	913	913	897	900	913	900	917	892	918	897	908	5
6	898	909	900	911	896	909	910	897	900	911	900	924	891	921	893	917	6
7	897	917	900	914	896	909	910	925	900	925	900	925	891	922	892	920	7
8	892	920	895	925	896	909	905	923	900	921	900	936	889	929	890	923	8
9	889	928	889	928	897	907	904	918	900	931	900	934	900	933	885	938	9
10	887	932	889	928	896	910	903	915	907	932	909	945	909	944	891	946	10
11	888	931	893	933	903	916	906	914	924	936	918	944	909	944	900	953	11
Noon	892	938	894	928	911	916	918	892	917	942	907	935	910	951	900	944	Noon
13h	900	937	889	928	922	922	916	884	919	946	909	943	909	945	909	942	13h
14	900	945	895	924	916	911	928	900	909	942	909	942	909	944	900	935	14
15	900	951	863	900	915	903	892	908	900	940	908	937	908	939	900	953	15
16	900	940	861	884	915	900	896	904	894	930	907	936	900	934	893	936	16
17	900	936	895	876	912	900	887	913	913	933	900	943	900	931	887	934	17
18	900	929	903	885	907	897	893	907	908	939	900	935	900	922	890	923	18
19	900	922	906	887	909	896	891	909	908	939	900	934	894	931	890	925	19
20	900	915	906	903	910	896	891	909	900	939	900	925	890	925	892	918	20
21	900	916	910	907	911	895	885	915	900	939	900	920	881	928	893	915	21
22	900	923	913	909	911	895	885	915	893	932	900	922	878	932	893	917	22
23	900	918	893	915	910	896	885	915	893	935	900	918	879	931	893	916	23

Day. / Hour.	9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	N.	E.	N.	E.	
Midnight	895	911	887	913	885	924	886	922	893	917	894	915	896	921	895	923	Midnight
1h	894	914	888	912	885	924	883	925	890	923	891	921	893	935	890	923	1h
2	893	916	894	906	888	918	885	923	890	923	892	918	900	927	891	922	2
3	895	912	895	905	889	917	889	917	892	920	892	918	900	934	886	935	3
4	890	925	889	911	890	914	890	915	891	921	891	922	900	925	889	929	4
5	895	912	884	916	888	918	890	914	891	922	887	934	900	925	890	923	5
6	893	916	882	918	888	918	893	910	890	924	887	920	894	927	889	929	6
7	889	929	887	913	892	910	890	915	895	924	883	926	889	929	894	930	7
8	874	939	878	922	885	923	889	917	889	929	877	934	889	928	887	933	8
9	878	932	878	922	890	923	890	914	885	937	874	940	900	953	884	939	9
10	870	946	883	925	900	932	900	926	883	943	878	952	900	946	890	947	10
11	871	943	878	932	900	923	906	928	886	936	879	951	900	951	879	950	11
Noon	880	948	879	932	900	926	906	931	881	947	888	958	900	945	888	961	Noon
13h	878	953	882	943	900	930	907	934	884	939	900	959	910	949	883	942	13h
14	878	952	900	942	900	933	907	935	875	959	912	957	908	938	878	952	14
15	880	948	884	939	900	918	900	936	891	943	900	952	900	955	883	943	15
16	868	947	882	927	876	905	900	931	882	944	900	957	918	927	890	947	16
17	880	949	883	925	887	909	900	935	884	940	889	955	912	919	883	943	17
18	874	939	889	917	890	908	895	923	886	936	900	933	907	934	879	932	18
19	882	927	885	923	883	911	893	917	892	920	900	928	900	931	885	923	19
20	881	928	887	920	887	909	894	914	892	918	900	926	900	937	881	928	20
21	881	928	885	923	883	911	893	915	893	916	900	925	900	935	879	932	21
22	883	926	886	922	881	912	893	916	893	916	894	928	893	936	879	931	22
23	883	926	888	919	870	920	893	916	893	917	894	928	894	930	884	924	23

TABLE XII.—(*Contd.*) NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(*The results are increased by* 90 *in order to obviate the necessity for signs. The unit in the table is* 0·1 *metre.*)

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Day. / Hour.	17d.		18d.		19d.		20d		21d.		22d.		23d.		24d.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	882	927	868	977	818	954	942	838	908	860	876	900	870	912	885	915	Midnight
1h	884	939	871	971	818	955	888	842	908	860	891	900	884	907	876	924	1h
2	877	934	875	959	796	943	891	856	900	861	888	900	890	904	882	918	2
3	877	934	869	974	782	950	944	833	900	863	892	900	892	903	880	920	3
4	877	935	868	978	794	944	938	810	900	873	892	900	892	903	881	919	4
5	874	939	863	957	793	955	926	836	895	875	860	908	886	906	893	907	5
6	874	939	845	955	756	960	951	824	896	890	860	908	881	908	892	908	6
7	878	932	846	982	749	962	942	838	895	889	859	917	867	913	887	913	7
8	868	947	872	967	748	963	930	827	897	894	854	919	888	905	885	915	8
9	874	963	860	996	747	930	929	829	896	891	854	919	864	924	892	939	9
10	870	972	849	976	738	900	934	819	867	878	850	933	874	940	883	941	10
11	871	969	864	988	771	874	938	810	865	877	847	953	860	940	892	939	11
Noon	874	963	851	973	784	900	930	827	885	863	854	946	869	946	884	939	Noon
13h	867	979	839	961	808	862	934	819	882	857	848	921	879	951	887	933	13h
14	869	975	837	963	804	836	935	816	885	862	833	928	878	954	871	943	14
15	872	967	839	961	795	795	918	811	904	920	848	934	875	938	874	940	15
16	871	971	843	957	773	773	914	830	912	918	845	923	875	938	876	936	16
17	869	974	833	967	798	747	913	836	887	913	870	920	879	931	877	934	17
18	877	955	819	981	809	764	924	843	874	911	876	916	885	915	890	915	18
19	874	962	844	956	845	767	923	844	875	910	873	918	892	908	889	917	19
20	875	961	821	953	900	773	912	842	885	906	870	920	887	913	887	920	20
21	878	954	800	967	923	786	913	836	872	911	878	914	890	910	887	920	21
22	880	948	836	943	900	795	922	847	861	908	880	908	893	907	885	915	22
23	868	978	812	959	900	771	911	846	874	900	869	912	889	911	884	916	23

Day. / Hour	25d.		26d.		27d.		28d.		29d.		30d.		31d.		Mean.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	884	924	887	920	900	918	888	918	904	909	873	918	...	...	890	915	Midnight
1h	886	922	886	922	900	920	883	926	905	911	876	915	...	...	889	917	1h
2	883	925	887	919	900	918	887	920	910	925	877	915	...	...	889	916	2
3	885	923	888	919	900	918	886	921	892	892	867	922	...	...	889	915	3
4	889	917	887	920	900	917	890	915	882	882	878	922	...	...	890	914	4
5	889	917	888	919	900	921	891	913	894	892	881	928	...	...	888	914	5
6	890	914	886	922	900	918	890	915	895	889	872	928	...	...	887	915	6
7	890	915	890	915	904	919	891	912	894	885	873	927	...	...	886	918	7
8	882	927	880	930	900	940	888	918	888	895	862	938	...	...	883	923	8
9	880	930	893	933	883	941	881	928	881	908	864	954	...	...	881	929	9
10	876	936	908	937	883	942	886	935	885	906	866	952	...	...	882	931	10
11	891	946	913	934	900	932	900	939	900	871	852	948	...	...	887	930	11
Noon	900	944	900	920	900	944	907	932	911	873	866	952	...	...	890	930	Noon
13h	900	944	908	939	900	933	907	935	928	894	865	953	...	...	892	929	13
14	891	942	907	936	900	949	914	934	918	918	875	961	...	...	891	931	13
15	891	942	906	930	900	944	907	916	866	934	872	941	...	...	886	928	14
16	884	939	900	929	900	946	906	914	868	922	876	936	...	...	884	923	15
17	878	933	900	926	890	947	907	915	867	933	874	940	...	...	885	922	16
18	880	930	900	923	887	933	905	912	869	931	884	916	...	...	887	917	17
19	882	927	900	915	890	924	904	910	874	926	884	911	...	...	889	914	18
20	885	923	900	917	886	922	906	913	864	936	885	910	...	...	889	914	19
21	886	921	900	922	885	923	907	915	861	939	886	910	...	...	889	915	20
22	884	924	900	916	888	918	904	910	867	933	882	912	...	...	888	914	21
23	881	928	900	925	888	919	905	912	866	934	881	913	...	...	886	915	22

TABLE XIII.—DIRECTION and VELOCITY of the WIND at every HOUR of the DAY as recorded by the ROBINSON CUP ANEMOMETER, during APRIL 1926.

The directions are given in points and the values indicate the direction from which the wind blows counting from South (0), West (8), North (16) and East (24).

The Velocities are given in Metres per second, using the factor 2·2.

*(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk *).*

APRIL 1926.

Hour \ Day	1d.		2d. *		3d. *		4d. *		5d.		6d.		7d.		8d.		9d.		10d.		11d. *		12d.		13d.		14d.		15d.		16d.	
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Midnight	24	1·9	24	1·9	26	0·8	14	1·1	28	2·1	24	3·2	24	2·2	27	2·1	26	1·2	28	1·8	27	2·8	27	2·6	26	1·9	26	1·6	25	2·1	25	2·4
1h	24	2·0	25	1·3	26	1·1	14	1·2	24	2·2	23	2·8	24	2·2	27	2·7	26	1·5	28	1·7	27	2·8	27	3·0	26	2·5	26	2·3	25	3·6	26	2·5
2	24	1·3	25	1·7	26	0·7	14	1·3	24	2·0	23	2·6	26	2·8	27	2·5	26	1·8	28	0·8	27	2·1	27	2·7	26	2·5	26	2·0	24	2·7	26	2·4
3	24	1·8	25	1·7	26	1·0	14	1·6	24	1·1	23	1·6	26	2·8	26	3·0	26	1·3	28	0·7	27	2·0	27	2·0	26	2·2	26	2·0	24	3·4	26	3·8
4	24	1·9	25	1·3	26	1·3	14	1·1	24	2·0	23	2·6	26	2·2	26	1·7	26	2·7	28	1·6	27	1·7	27	1·8	26	2·3	26	2·4	24	2·5	26	3·1
5	25	1·1	24	1·1	26	1·4	15	1·3	24	1·3	24	1·7	26	2·0	26	0·9	26	1·3	28	2·3	27	2·1	27	1·7	26	2·4	26	3·6	24	2·5	26	2·5
6	25	0·9	24	1·1	26	1·0	15	1·6	24	1·1	24	2·4	26	2·3	26	1·9	26	1·8	28	2·5	27	2·1	27	1·2	26	2·6	27	2·4	25	2·8	26	3·1
7	25	1·7	24	1·4	26	1·0	d22	2·7	24	2·5	24	2·5	26	2·4	26	2·2	26	3·1	28	1·9	27	1·3	27	1·8	25	2·5	27	3·1	26	3·1	25	3·1
8	26	2·2	25	2·6	26	1·0	23	2·4	24	2·1	24	3·6	26	3·1	26	2·5	27	4·7	28	3·1	27	2·7	27	2·0	26	3·1	27	4·1	26	3·0	26	3·5
9	26	3·0	26	3·0	26	0·8	23	1·8	24	3·1	24	3·4	24	3·3	26	4·1	27	3·9	28	3·2	26	2·5	27	1·7	26	4·0	27	4·8	24	5·3	26	4·2
10	26	3·4	26	3·0	26	1·1	23	1·5	23	3·3	23	4·6	23	4·5	25	4·7	27	5·5	27	3·0	24	3·2	24	2·6	26	4·6	26	5·7	24	4·6	25	4·8
11	26	3·3	25	3·4	23	1·6	22	1·5	21	4·3	22	4·8	23	4·5	24	5·3	27	5·2	27	3·9	24	2·3	23	2·9	26	3·9	26	5·5	24	5·1	26	5·4
Noon	25	3·9	25	2·9	21	1·9	r14	2·0	22	4·5	23	3·6	23	5·2	24	4·4	26	5·2	27	3·8	24	2·6	23	3·2	26	5·1	25	5·9	24	4·5	25	6·2
13h	24	3·7	26	3·0	20	3·1	12	2·3	22	5·0	23	4·4	23	4·6	23	4·3	26	5·8	26	4·7	24	3·0	23	3·5	26	4·2	24	5·9	23	5·0	26	4·5
14	24	4·5	25	2·5	19	1·9	16	2·8	23	4·3	23	4·3	23	4·5	24	3·5	26	5·7	24	4·2	24	3·3	23	3·6	26	6·4	23	5·8	23	3·9	26	5·7
15	24	5·1	d32	3·7	17	1·5	r28	1·1	24	4·0	23	3·8	23	4·0	24	5·3	26	5·2	26	4·2	24	1·8	24	3·6	25	4·4	24	5·2	24	5·5	26	4·6
16	24	4·0	2	4·2	16	1·5	28	0·6	25	3·1	23	3·7	24	3·4	25	3·7	27	5·7	27	3·3	d31	2·5	24	3·1	26	4·8	24	5·7	21	3·2	25	4·8
17	24	3·6	7	2·5	16	1·2	28	1·8	22	3·5	24	4·3	24	3·1	26	3·6	26	5·3	27	3·0	29	1·6	24	3·5	26	4·3	25	5·6	21	2·2	26	4·6
18	24	2·9	9	1·5	14	0·8	28	1·0	23	4·0	24	3·5	24	2·2	26	2·5	27	4·7	27	2·0	29	1·3	25	2·4	26	3·9	24	3·3	23	3·5	27	3·8
19	24	2·2	10	1·4	14	1·0	28	1·3	23	4·0	24	3·4	25	3·2	26	2·7	27	3·2	27	2·7	29	2·0	26	1·9	26	2·2	24	2·8	24	3·1	27	2·7
20	24	1·5	18	0·7	14	1·1	28	1·3	24	3·9	24	2·5	26	2·7	26	2·0	27	3·4	27	2·4	29	1·6	26	1·5	26	2·0	24	2·6	24	3·7	27	3·4
21	24	1·6	19	1·2	14	1·2	28	2·1	24	3·9	24	2·0	27	3·4	26	1·7	27	3·4	27	2·7	29	2·0	26	1·7	26	1·8	24	2·5	24	3·5	27	3·8
22	24	2·3	19	1·6	14	1·2	28	2·2	25	3·3	24	2·2	27	3·9	26	1·9	27	3·1	27	2·6	29	2·2	26	1·8	26	1·8	25	2·9	25	3·7	27	3·7
23	24	1·8	26	1·7	14	1·1	28	2·1	25	3·6	24	1·8	27	3·7	26	1·8	27	3·1	27	2·2	29	3·6	26	1·8	26	1·9	25	2·9	25	3·1	27	2·9

Hour \ Day	17d. *		18d. *		19d. *		20d. *		21d. *		22d. *		23d. *		24d.		25d.		26d.		27d.		28d.		29d. *		30d.		...		Mean
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocity
Midnight	27	3·2	26	8·3	29	9·8	11	7·5	9	4·1	0	2·4	30	3·2	28	2·2	27	2·9	27	2·4	24	1·8	27	2·1	22	1·0	29	3·3	...	...	2·9
1h	26	4·2	26	7·7	29	9·9	7	5·9	9	4·1	0	0·9	30	1·8	28	3·4	27	2·6	27	2·6	24	2·0	27	3·1	22	1·2	29	2·8	...	...	2·9
2	27	4·1	26	6·4	30	11·2	7	4·5	8	3·9	0	1·2	30	1·1	28	2·5	27	3·0	27	2·3	24	1·8	27	2·4	22	2·7	29	2·7	...	...	2·7
3	27	4·1	26	8·0	30	12·8	11	8·0	8	3·7	0	0·8	30	0·9	28	2·8	27	2·7	27	2·2	24	1·8	27	2·5	r4	1·1	29	4·0	...	...	2·9
4	27	4·2	26	8·4	30	11·4	10	9·8	8	2·7	0	0·8	30	0·9	28	2·7	27	2·0	27	2·4	24	1·7	27	1·8	4	2·5	28	3·2	...	...	2·9
5	27	4·7	27	6·8	30	14·4	10	6·9	7	2·6	31	4·1	30	1·5	28	1·0	27	2·0	27	2·2	24	2·1	27	1·6	5	1·0	27	3·4	...	...	2·8
6	27	4·7	28	7·8	30	15·6	11	9·1	6	1·1	31	4·1	30	2·1	28	1·2	27	1·7	27	2·6	24	1·8	27	1·8	6	1·2	28	4·0	...	...	3·0
7	27	3·9	27	9·8	30	16·3	11	7·5	6	1·2	30	4·4	30	3·5	28	1·8	27	1·8	27	1·8	23	1·9	27	1·5	6	1·6	28	3·8	...	...	3·2
8	27	5·7	26	7·3	30	16·4	10	7·9	6	0·7	30	5·0	30	1·3	28	2·2	27	3·2	27	3·6	24	4·0	27	2·1	2	1·3	28	5·4	...	...	3·7
9	26	6·8	26	10·4	31	15·6	10	7·7	6	1·0	30	5·0	29	4·4	25	4·0	27	3·6	25	3·4	26	4·4	27	3·4	30	2·1	27	6·5	...	...	4·3
10	26	7·8	27	9·1	0	16·2	10	8·8	3	4·0	29	6·0	27	4·8	26	4·4	27	4·4	23	3·8	26	4·5	26	3·8	30	1·6	27	6·2	...	...	4·9
11	26	7·5	26	9·5	1	13·1	10	9·8	3	4·2	28	7·5	28	5·7	25	4·0	25	4·7	22	3·6	24	3·2	24	3·9	d8	2·9	28	6·9	...	...	5·0
Noon	26	6·8	27	8·8	0	11·6	10	7·9	6	4·0	28	6·6	27	5·6	26	4·2	24	4·4	24	2·0	24	4·4	23	3·3	10	2·9	27	6·2	...	...	4·8
13h	26	8·5	28	8·6	2	10·0	10	8·8	6	4·7	30	5·6	26	5·5	26	3·5	24	4·4	23	4·0	24	3·3	23	3·6	15	2·9	27	6·4	...	...	4·9
14	26	8·1	28	8·9	3	11·5	10	9·1	6	4·1	30	7·3	26	5·9	27	5·2	25	4·3	23	3·7	24	4·9	22	3·7	20	2·6	26	6·6	...	...	5·1
15	26	7·2	28	8·7	4	14·8	9	9·1	r23	2·0	29	6·2	27	4·6	27	4·8	25	4·3	23	3·1	24	4·4	22	1·8	d28	4·9	27	5·0	...	...	4·8
16	26	7·7	28	8·1	4	18·0	9	7·1	21	2·1	30	6·0	27	4·6	27	4·3	26	4·2	24	2·9	24	4·6	22	1·5	29	3·9	27	4·4	...	...	4·6
17	26	8·0	28	9·5	5	18·4	9	6·5	28	1·8	29	3·6	27	3·7	27	4·1	27	4·0	24	2·6	25	4·8	22	1·7	28	4·7	27	4·8	...	...	4·4
18	26	6·0	28	11·4	5	16·4	10	6·2	30	2·8	29	2·9	28	2·1	27	1·8	27	3·6	24	2·3	26	3·5	22	1·3	28	4·4	28	2·3	...	...	3·7
19	26	6·7	28	7·9	6	14·4	10	6·1	30	2·7	29	3·2	28	1·2	27	2·0	27	3·2	24	1·5	26	2·6	22	1·1	28	3·7	29	1·9	...	...	3·3
20	26	6·6	29	9·5	8	12·7	9	5·9	30	1·6	29	3·6	28	1·8	27	2·4	27	2·7	24	1·7	27	2·6	22	1·4	28	5·2	29	1·8	...	...	3·2
21	26	5·9	29	12·0	9	11·6	9	6·5	30	3·0	29	2·6	28	1·4	27	2·4	27	2·5	24	2·2	27	2·7	22	1·7	28	5·6	29	1·7	...	...	3·3
22	26	5·2	29	7·7	8	10·5	10	5·8	31	4·0	30	2·2	28	1·0	28	2·2	27	2·9	24	1·6	27	2·1	22	1·1	28	4·7	29	2·1	...	...	3·1
23	26	8·4	29	10·6	8	12·9	9	5·5	0	2·6	30	3·3	28	1·6	28	2·3	27	3·4	24	2·5	27	2·2	22	1·3	28	4·9	29	2·3	...	...	3·4

d = direct. = r retrograde

TABLE XIV.—RAINFALL at every HOUR of the DAY at the ROYAL ALFRED OBSERVATORY MAURITIUS for APRIL 1926.

Day. / our Ending	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	...
	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	m.m.	mm	m.m.	m
1h	...	2·9	...	...	...	0·6	...	...	...	...	...	...	...	...	...	...	2·3	...	2·1	3·3	...	0·2	...	...	...	...	...	...	...	...	...
2	...	0·3	...	...	1·0	...	...	...	...	...	...	...	...	...	0·3	...	...	...	6·8	4·4	...	...	...	...	...	...	...	...	5·0	...	...
3	...	0·2	...	...	0·9	...	...	...	...	...	...	...	...	...	0·2	...	...	...	3·2	1·3	...	3·2	...	...	...	...	...	...	5·0	...	...
4	0·5	...	...	...	...	...	...	...	1·1	...	...	...	0·3	...	0·3	...	...	...	2·2	...	...	1·0	...	...	...	...	...	...	8·3	...	...
5	0·9	...	...	...	...	0·4	...	...	...	...	...	0·2	...	...	...	...	0·4	...	7·8	1·0	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	0·2	...	0·2	...	5·0	1·8	0·3	...	...	...	...	...	...	...	...	...	...
7	1·3	...	...	...	10·1	...	0·5	...	0·2	5·3	...	0·2	...	...	...	...	0·3	...	5·0	...	...	0·4	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	0·8	3·2	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·7	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	1·5	1·2	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	0·8	...	...	...	...	0·3	...	...	...	...	...	...	...	...	2·0	...	...	...	...	...	...	...	...	...	...	...	...
Noon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·3	...	...	...	...	...	...	...	...	...	...	...	...
13h	0·4	...	...	5·9	1·0	...	...	...	...	...	...	...	...	...	...	...	...	...	2·0	...	...	...	...	...	...	...	...	...	...	...	...
14	0·9	...	...	9·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	0·6	9·2	0·2	...	...	...	...	...	...	...	...	...	0·4	0·3	...	1·3	...	...	...	...	...	...	...	...	...	...	...	...	...
16	0·2	...	...	...	1·2	...	...	...	...	...	...	...	...	0·2	0·6	...	...	2·8	0·2	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	0·3	...	...	...	...	...	1·5	...	...	...	2·0	...	...	...	3·0	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	0·5	...	...	...	...	...	...	...	...	...	...	...	1·0	...	1·0	...	...	...	...	...	...	...	...	...	...	...	...
19	...	7·2	...	...	1·0	...	...	...	...	...	...	...	...	...	...	...	1·0	1·0	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	1·1	...	...	...	...	...	...	...	...	...	...	...	...	0·3	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	0·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·2	...	...	...	...	...	...	...	...	...	...	...	...	...
22	0·6	...	...	...	0·2	...	...	...	...	...	...	...	...	...	0·4	...	1·2	4·6	0·2	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	1·2	...	3·9	...	...	...	...	...	...	...	...	...	...	5·9	0·3	...	4·0	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	0·6	...	...	...	...	...	...	...	...	...	...	...	...	1·0	0·2	...	2·9	...	...	...	...	...	...	...	...	...	...

TABLE XV.—TOTAL MONTHLY RAINFALL at VARIOUS STATIONS in MAURITIUS, grouped according to the RIVER SYSTEMS as indicated on the CHART for the MONTH of APRIL 1926.

River System.	Register Number	Station	Approximate Altitude feet.	Total fall in inches.	Total fall in mill.	Normal in mill.	Number of days.
1	2	St. Antoine§	50	...	...	...	..
	3	Belmont§	50	...	...	...	...
	4	Poudre d'Or§	20	...	...	...	...
	5	Mon Loisir (R.)§ ...	300	...	...	...	...
	6	Mon Loisir S. E.§ ...	300	...	...	...	...
	7	Forbach§	300	...	...	...	...
	8	Labourdonnais§ ...	290	...	...	...	...
	9	Beau Séjour	300	8·21	208·5	187·7	20
	10	Mont Piton	360	9·60	243·8	188·2	18
	11	Mon Choix	700	9·02	229 1	170·7	18
	12	Antoinette	640	9·53	242·1	183·1	19
	13	California§	850	...	...	...	...
	14	Nouvelle Découverte ...	1,400	9·05	229·9	201·4	18
	15	Mon Songe	620	9·04	229·6	194·1	21
	16	La Grande Rosalie§ ...	643	...	...	...	...
	17	The Mount§	325	...	...	...	...
	18	Botanic Gardens ...	325	9.78	284·4	142·5	21
	19	The Observatory ...	179	7·96	202.3	116·3	23
	20	Solitude§	175	...	...	...	...
	21	St. André	90	7·62	193·5	125·7	12
	22	Belle Vue Harel§ ...	350	...	...	...	...
	23	Mont Choisy§	10	...	..	...	...
	25	Esperance (Trébuchet)*	165	6·39	162·3	...	12
	28	Mon Rocher§	...	...	...	...	...
	45	Roche Bois Station§ ...	44	...	...	...	...
	46	Riche Terre Station§ ...	137	...	...	...	...
	47	Terre Rouge Station§ ...	106	...	...	...	...
	48	Mapou Station§ .	296	...	...	...	...
	49	Poudre d'Or Station§ ...	772	...	...	...	...
	50	Rivière du Rempart§ ...	134	...	...	...	..
2 & 3	1	Union Régnard S.E. ...	600	14·18	360·2	192·5	20
	2	Constance d'Arifat L.G.	100	5·71	145·0	166·9	18
	3	St. Julien Church§ ...	1,050	...	...	...	...
	4	Riche Fund	600	11·21	310·1	214·9	21
	5	Constance (Manès)§ ...	..	...	...	...	...
	6	Queen Victoria§ ...	..	...	...	...	...
	7	Belle Mare§	..	...	...	...	...
	8	Bel Etang (Lesur)§ ...	...	...	...	...	...
	9	Belle Vue (Allendy)*	...	12·53	317·7	...	20
	10	St. Julien E(K. Reetoo)§	...	...	...	...	...
4	1	Sans Souci§	900	...	...	...	...
	2	Etoile§	400	...	...	...	...
	3	Beau Champ	20	8·82	224·0	139·4	15
	4	Belle Rive§	400	...	...	...	...
	5	Olivia	400	14·32	363·7	176·3	20
	6	Deep River§	350	...	...	...	...
	7	Belle Rose Estate§ ...	...	...	...	...	...
	8	Melrose§	...	...	...	...	...
	9	Bonne Veine*	...	21·08	535·7	...	23
5	1	Rose Belle§	850	...	...	...	..
	2	Riche-en-Eau§	460	...	...	...	...
	3	Ferney§	20	...	...	...	...
	4	Beau Vallon§	60	...	...	...	...
	5	Union Vale§	200	...	...	...	...

River System.	Register Number.	Station.	Approximate Altitude feet.	Total fall in inches.	Total fall in mill.	Normal mil	No. of days
5 cont.	6	Mon Désert (Carié)* ...	75	5·84	148·3	...	16
	7	Cluny§	1,000	...	...	...	...
	8	Union Park§	...	...	...	...	...
	9	Sauveterre Estate* ...	...	6·88	174·8	...	17
	10	Bananes Estate§ ...	...	...	...	...	...
6	1	Kanaka	2,000	15·03	381·8	34	24
	2	Tivoli§	1,300	..	...	...	...
	3	La Flora*	1,050	19·02	483·1	...	24
	4	Britannia	730	13·07	332·0	288 8	27
	5	Savannah (Mill)§ ...	200	...	...	...	...
	6	St. Aubin§	300	...	...	...	...
	7	Union B.A.St.Félix S.E.§	90	...	...	..	...
	8	Beau Bois§	350	...	...		...
	9	St. Avold§	900	..	...		...
	10	Terracine§	1000	...	...		...
	11	St. Félix S·E.§	...	...	...	...	...
	12	Bel Air§	..	...	...	...	...
	13	Chamouny§	...	...	...	...	...
	14	Union S. E.*	...	11·69	296·9	...	19
	15	Fontenelle*	...	13·62	345·9	...	17
	16	Combo§	...	...	...	...	...
	17	St. Felix (Wilson)§ ...	..	...	...	...	...
	18	Choisy Estate§	...	...	..	...	...
7, 8 & 9	1	Bel Ombre	40	6·76	171·7	191·0	14
	3	Beau Champ*	..	6·65	168·9	..	12
	4	Board*	...	7·99	202·9	...	13
	12	Tamarin Station§ ...	155	...	...	...	...
	13	Médine Station§ ...	284	...	...	...	...
	14	Albion Station§ ...	72	...	...	...	...
10		No returns	...	...	...	...	...
11	1	Les Gorges§	...	...	...	...	...
	2	Curepipe Gardens ...	1,840	24·44	620·8	274·8	29
	3	Mare aux Vacoas ...	1,850	29·48	748·8	337·3	26
	4	La Marie Filter Bed ...	1,700	28·97	735·8	177·0	22
	5	Réunion§	1,420	...	...	..	...
12	1	The Manse	850	13·34	338·8	84·1	20
	2	The Bower§	1,080	...	...	...	...
	3	Le Réduit (D. of A.) ...	1,000	11·64	295·5	106.9	30
	4	Alma	1,460	22·56	573·0	297·4	17
	5	Bagatelle§	1,250	...	...	...	...
	6	Highlands*	1,300	19·65	499 1	...	20
	7	Trianon	950	17.59	446·8	134·9	14
	8	Salency§	923	...	...	...	...
	9	La Ferme*	350	1·43	363·2	...	15
	10	Bon Air§	1,050	...	...	..	...
	11	Val Ory	1,100	13·26	336·8	125·5	22
	12	Ebène§	...	...	...	...	...
	13	Mon Rêve§	...	...	...	...	...
	14	Bassin§	...	...	...	...	..
	15	Hermitage§	.	...	...		..
	16	Côte d'Or	..	15·72	399·3		15
	17	Mon Repos§	..	...	..	...	...
13	1	The Albion Dock§ ...	18	...	...	...	...
	2	Institute*	...	10·20	257·2	...	10

*Normals not available. §Record not Received.

TABLE XVI.—OBSERVATIONS of the DIRECTION and VELOCITY of CLOUDS made at the AEROLOGICAL STATION VACOAS 424·5 metres above SEA LEVEL during the month of APRIL 1926.

Day \ Type	Time	Scud		Cumulus Cu. st. &c.		Alto cu: Alto st:		Cirro Cumulus		Cirro Stratus		Cirrus		Time	Scud		Cum: Cu. st. &c.		Alto Cum Alto St:		Cirro Cum		Cirro Stratus		Cirrus	
		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dr.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height
	h		°		°		°		°		°			h		°		°		°		°		°		°
1	...		...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	12½	...	...	315	0·2	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	12½	...	...	240	0·5	...	...	...	...	...	...	...	...
6	9¾	250	1·0	255	0·8	60	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	10h	...	...	270	0·7	...	...	...	...	...	...	...	...	12½	255	0·9	255	0·7	105	0·1	...	...	...	...	120	0·2
8	10	...	...	...	...	...	...	...	...	105	0·2	...	...	13½	...	...	285	0·4	90	0·2	...	...	...	...	...	...
9	10	...	...	300	0·9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	10	...	...	270	0·5	225	0·1	...	...	...	...	...	...	11¾	...	...	300	0·2	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	9¾	240	0·4	240	0·6	...	...	...	...	...	...	...	...	15½	280	1·1	255	0·4	...	...	...	...	...	...	...	...
13	9¾	...	...	300	0·8	...	...	...	...	...	...	...	...	14¾	...	...	295	0·8	...	...	...	...	...	...	...	...
14	10h	300	1·5	300	0·6	75	0·1	...	...	...	...	...	...	12½	270	0·7	270	0·3	...	...	...	...	...	...	60	0·1
15	9¾	...	...	270	1·2	...	...	...	...	...	...	...	...	11¾	...	...	260	0·7	...	...	...	...	...	...	...	...
16	9¾	300	1·0	270	0·3	...	...	165	0·1	...	...	...	...	12½	285	1·9	300	0·8	165	0·1	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	10h	360	1·3	...	...	360	0·2	...	...	...	...	...	...	12½	360	0·7	...	...	15	0·1	...	...	...	...	45	0·1
23	10h	...	...	330	0·7	...	...	...	...	...	...	...	...	12½	300	0·5	300	0·5	300	0·5	...	...	...	...	...	...
24	9¾	...	...	290	0·6	...	...	...	...	90	0·2	...	...	12¾	...	...	300	0·3	...	...	...	...	...	...	...	...
25	12h	...	...	255	0·7	...	...	...	...	...	...	...	...	14¾	...	...	280	0·6	...	...	...	...	...	...	...	...
26	10h	270	0·7	270	0·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	9¾	...	...	315	0·9	...	...	...	...	240	0·3	120	0·4	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	10h	...	...	...	...	...	...	...	...	90	0·3	120	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...
30	10h	...	...	350	0·1	105	0·2	...	...	...	...	...	...	14¾	...	...	...	...	...	...	110	0·3	110	0·3	90	0·2
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

The Direction is that from which the Cloud travels, counting South (0°); West (90°); North (180°). The Velocity-Height-Ratio is given in milliradians per sec.

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ROYAL ALFRED OBSERVATORY, MAURITIUS.

(LATITUDE 20°5′39″ S.—LONGITUDE 3h 50m 12s·6 E.)

RESULTS

OF

MAGNETICAL AND METEOROLOGICAL OBSERVATIONS

FOR THE MONTH OF

MAY 1926

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ACTING DIRECTOR.

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TABLE I.—RESULTS of MAGNETICAL OBSERVATIONS made during the MONTH of MAY 1926

Month and Day. 1926	Mean Declination (West)	Mean Horizontal Force. (C.G.S. Units.)	Mean Vertical Force. (C.G.S. Units.)	Daily Range of.† Declination.	Horizontal Force	Vertical Force.
	° ′			′	Unit 1 γ	
1	11·18·4	·22882	·29838	7·0	30	22
2	18·0	886	839	7·0	30	27
3	17·5	...	...	6·5	...	...
4	17·0	...	...	3·0	...	...
5	19·1	...	...	4·4	...	...
6	19·2	...	...	6·5	...	...
7	18·2	...	...	5·7	...	...
8	18·7	868	865	6·0	37	27
9	18·3	867	868	4·3	37	27
10	18·7	831	877	5·0	86	14
11	17·5	854	876	7·8	58	27
12	17·5	856	880	5·0	38	26
13	17·2	855	880	7·8	44	29
14	17·9	858	883	7·0	34	20
15	17·7	862	883	6·5	29	21
16	18.0	869	883	7·8	22	22
17	...	...	883	...	...	26
18	17·8	869	884	5·0	38	8
19	18·4	871	881	6.8	21	21
20	18·0	859	887	5·0	40	7
21	18·7	861	885	5·9	40	14
22	18·9	868	887	7·5	37	15
23	18·7	871	883	5·5	24	23
24	...	874	885	...	16	22
25	...	867	883	...	31	28
26	...	870	881	...	20	28
27	...	876	877	...	20	33
28	...	875	876	...	13	25
29	...	874	876	...	16	23
30	...	883	874	...	28	22
31	18·0	881	874	4·8	20	16
Mean	11·18·15	·22867	·29876	5·99	32·4	22·0

Description of the Principal Magnetic Disturbances.

The following notes give a brief description of the principal magnetic disturbances The movements in Horizontal Force and Vertical force are expressed in G.G.S. units.

The term "wave" indicates a movement in one direction and return; "double wave," a movement in one direction and return with continuation in the opposite direction and return; "fluctuations," a number of movements in both directions.

The extent and direction of the movement are indicated in brackets, + denotes an increase and—denotes a decrease of the Magnetic Element; ± denotes positive and negative movements of approximately equal extent.

May $10^d.\ 0^h.$ to $11^d.\ 0^h$: general decrease in H.F with superposed smooth undulations. (±10γ)

T=0·37623: Mean Dip=θ=52°.34′·17. (X=·22423: Y=—·04482: Z=·29876).

† The daily range is the difference between the greatest and least hourly values.

TABLE II.—RESULTS of ABSOLUTE DETERMINATIONS of the MAGNETIC ELEMENTS during the MONTH of MAY 1926

Declination (West).		Horizontal Force (C.G.S. Unit)		Dip (South).					
				A. M. Observations.		Resulting Vertical Force. C. G. S. Units.	P. M. Observations.		Resulting Vertical Force C.G.S. Units
Day and Hour.	Observed Value.	Day and Hour.	Observed Value.	Day and Hour.	Observed Value.		Day and Hour.	Observed Value.	
d h m	° ′	d h m		d h m	° ′		d h m	° ′	
MAY 5.11.26	11.19·63	MAY 7· 9.39	·22846	MAY 5.10·15	52.36·71	...	MAY 5.15.09	52.38.16	...
.14.59	11.16·63	·14·10	·22851	12. 9.56	52.35·00	·29893	12·14.39	52.36·37	·29866
12·10.07	11.19·60	13· 9·35	·22859	19·10·11	52·33·12	·29874	...	...	...
.14·25	11.16·25	·12·21	·22826	21·10·11	52·34.50	·29899	21.15.00	52.35·37	·29870
19· 9.46	11.20·05	21.11·00	·22838	28· 9·14	52·33·97	·29879	28·12·17	34.50	·29856
21. 9.27	11.21·37	·14·29	·22850					52·32·12	
·15·11	11·16·97	31. 9·36	·22884						
28· 9·30	11·21·96	12·26	·22881						
12·06	11·18·58								

TABLE III.—MAGNETIC DECLINATION (WEST) at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

MAY 1926.

Hour \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
	11° +																
Midnight	18'·0	18'·0	17'·7	18'·0	17'·0	20'·0	18'·2	19'·3	19'·0	19'·3	19'·9	17'·5	17'·5	17'·3	18'·0	17'·8	Midnight
1h	18·1	18·0	17·8	17·9	17·8	20·0	17·0	19·8	19·5	20·0	17·8	17·7	18·0	17·0	17·8	17·5	1h
2	18·0	18·0	17·8	17·7	18·0	20·3	17·7	19·5	19·0	19·5	19·5	17·0	18·2	18·0	17·7	17·5	2
3	18·2	18·2	17·8	17·8	18·0	20·0	17·5	19·8	19·0	19·3	19·3	16·2	17·8	18·0	17·7	17·5	3
4	18·2	18·2	17·5	17·5	19·3	20·3	16·3	19·0	18·5	18·7	18·0	16·2	18·0	18·0	17·8	17·8	4
5	19·8	18·2	17·8	17·0	20·0	20·0	17·0	18·2	17·0	18·0	17·8	16·2	17·5	17·7	17·2	17·3	5
6	19·0	18·3	17·5	17·0	20·3	20·0	17·8	16·0	16·2	17·8	16·5	17·3	14·2	17·8	17·8	17·5	6
7	18·7	18·2	17·5	16·3	21·2	20·7	18·1	16·8	16·2	15·0	17·5	15·5	14·5	18·0	17·2	17·2	7
8	20·0	18·7	18·3	15·8	20·5	22·0	19·0	17·9	17·8	15·0	18·3	17·3	17·2	20·0	18·5	18·8	8
9	22·0	20·5	20·0	16·5	21·2	22·7	20·5	20·5	20·1	20·0	21·5	20·0	21·8	21·8	20·3	21·8	9
10	22·3	22·0	20·5	18·0	19·8	21·5	20·0	22·0	20·0	19·0	21·0	20·0	21·5	22·0	21·2	22·5	10
11	21·3	20·0	20·0	18·0	18·7	20·0	19·7	22·0	20·5	19·0	19·5	18·0	18·0	18·5	19·8	20·3	11
Noon	19·0	17·9	18·0	16·0	18·0	19·0	20·0	20·5	20·0	19·0	18·0	17·8	15·5	15·5	17·0	17·9	Noon
13h	16·7	17·5	16·0	15·8	17·5	19·0	20·0	19·3	19·0	18·5	16·2	17·5	15·0	15·0	15·5	15·7	13h
14	16·0	17·0	14·0	15·8	16·8	17·7	18·0	18·0	18·8	20·0	15·3	17·8	14·0	15·2	14·7	15·0	14
15	15·3	15·0	14·0	15·5	18·0	16·2	15·3	16·7	16·8	18·0	14·0	15·8	14·0	15·8	15·5	14·7	15
16	15·5	15·0	15·2	16·0	18·2	16·2	14·8	16·0	16·3	17·3	13·7	15·0	15·2	16·2	16·0	15·7	16
17	17·5	16·0	17·0	16·8	18·2	16·2	16·8	16·0	17·0	17·5	16·0	17·0	17·3	17·5	17·0	17·8	17
18	18·0	17·5	17·3	17·0	18·2	17·5	18·2	17·8	17·8	18·7	16·7	18·0	18·0	18·2	18·0	18·2	18
19	18·2	18·0	17·3	18·0	19·3	18·2	18·2	18·3	17·9	20·0	16·7	18·3	18·0	18·2	18·0	18·7	19
20	18·2	18·0	17·0	18·5	19·8	18·8	18·2	18·2	17·9	20·0	18·0	18·8	18·0	18·5	18·0	18·7	20
21	18·2	18·3	18·0	18·2	20·0	18·8	19·3	19·0	18·1	20·0	16·8	18·2	18·2	18·2	17·9	19·0	21
22	18·2	18·0	18·0	17·8	20·0	18·5	19·0	19·0	17·5	18·7	17·0	18·2	18·0	18·2	17·8	18·3	22
23	18·2	18·0	18·2	16·5	20·0	18·8	18·5	19·0	18·0	19·8	17·0	18·0	18·5	18·7	17·8	18·1	23

Hour \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Day. / Hour
	11° +																
Midnight	...	18'·2	18'·8	18'·7	19'·5	20'·0	19'·0	...	...	...	...	...	...	...	18'·0	18'·5	Midnight
1h	...	18·0	18·2	18·1	19·7	18·5	18·0	...	...	...	...	...	...	...	18·0	18·3	1h
2	...	17·5	19·0	19·0	19·0	19·7	18·2	...	...	...	...	...	...	...	17·5	18·4	2
3	...	17·9	19·0	18·7	19.0	20·0	19·2	...	...	...	...	...	...	...	17·5	18·4	3
4	...	18·0	18·8	18·3	19·3	18·5	19·0	...	...	...	...	...	...	...	16·5	18·2	4
5	...	16·3	18·5	18·0	19·3	19·3	19·3	...	...	...	...	...	...	..	16·3	18·0	5
6	...	18·7	19·0	17·9	18·0	19·2	19·8	...	...	...	...	...	...	...	16·5	17·8	6
7	...	17·0	19·3	17·7	18·0	18·7	19·7	...	...	...	...	...	...	...	16·7	17·6	7
8	...	18.2	20·5	20·0	18·5	20·0	19·2	...	...	...	...	...	...	...	17·2	18·6	8
9	...	18·8	21·3	19·2	20·1	22·0	20·5	...	...	...	...	...	...	...	18·1	20·5	9
10	...	18·0	20·7	19·7	21·2	23·0	21·3	...	...	...	...	...	...	...	19·8	20·7	10
11	...	17·0	18·0	19·3	20·5	22·0	21·5	...	..	...	...	...	...	...	20·3	19·6	11
Noon	..	16·0	16·2	19·8	19·0	20·5	20·0	...	...	...	...	...	...	...	18·0	18·2	Noon
13h	16·0	15·5	15·8	16·2	19·9	17·0	18·0	...	...	...	...	...	...	...	16·7	17·1	13h
14	15·7	15·0	15·0	15·7	18·0	15·5	17·3	...	...	...	...	...	...	...	15·5	16·4	14
15	16·1	15·9	14·5	15·0	15·8	15·7	16·0	...	...	...	...	...	...	...	16·0	15·6	15
16	16·5	17·0	16·0	15·5	15·3	16·0	16·7	...	...	...	...	...	...	...	17·0	15·9	16
17	17·9	18·3	17·8	16·3	16·2	16·5	18·0	...	...	...	...	...	...	...	18·0	17·1	17
18	18·1	18·3	18·2	16·7	18·0	18·0	18·0	...	...	...	...	...	...	...	19·8	17·9	18
19	18·3	20·0	19·0	18·0	18·5	18·1	18·3	...	...	...	...	...	...	...	20·0	18·4	19
20	19·2	19·2	19·3	18·2	18·2	18·0	18·0	...	...	...	...	...	...	...	20·0	18·5	20
21	19·2	19·8	19·5	18·6	18·7	18·2	18·0	...	...	...	...	...	...	...	20·0	18·7	21
22	18·7	19·7	19·5	18·5	19·0	19·0	18·2	...	...	...	...	...	...	...	19·8	18·5	22
23	18·2	19·5	19·2	19·3	19·0	20·0	18·3	...	...	...	...	...	...	...	19·0	18·6	23

TABLE IV.—MAGNETIC HORIZONTAL FORCE at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber).

MAY 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
	·22000 + (C.G.S. UNIT.)																
Midnight	870	876	880	...	...	...	...	851	859	840	830	851	850	846	850	858	Midnight
1h	871	876	881	...	...	...	...	871	868	835	856	854	854	856	850	862	1h
2	873	877	883	...	...	...	...	863	870	848	848	860	855	853	851	862	2
3	876	879	885	...	...	...	...	862	870	860	845	870	860	857	854	862	3
4	876	878	886	...	...	...	...	864	869	864	849	870	860	859	859	863	4
5	880	881	890	...	...	...	...	866	876	870	854	870	862	860	860	864	5
6	882	882	890	...	...	...	...	870	880	876	853	860	880	863	865	869	6
7	888	894	900	...	...	...	...	869	880	870	859	870	880	864	870	870	7
8	893	904	908	...	...	...	...	874	875	870	863	864	880	868	877	874	8
9	896	906	912	...	...	...	...	876	870	850	864	866	877	870	879	872	9
10	896	900	...	...	...	...	...	879	870	822	871	870	870	880	879	872	10
11	900	900	...	...	...	...	...	882	880	837	883	873	836	871	870	871	11
Noon	900	896	...	...	...	...	870	884	878	819	888	870	840	866	862	871	Noon
13h	885	890	...	...	...	...	860	876	871	823	872	860	854	857	861	880	13h
14	878	888	...	...	...	...	859	874	861	805	855	845	850	847	862	880	14
15	877	885	...	...	...	...	855	870	860	790	851	835	840	850	860	873	15
16	877	880	...		...	...	848	869	856	803	832	839	842	855	858	869	16
17	874	879	...	...	...	...	840	870	860	800	840	840	850	851	857	869	17
18	880	882	...	...	...	...	851	870	872	809	845	850	853	852	860	868	18
19	880	881	...	...	...	...	843	869	870	792	840	851	851	852	859	867	19
20	878	881	...	...	...	...	841	861	864	810	855	839	840	852	859	867	20
21	877	880	...	...	...	...	841	847	850	806	842	841	842	850	860	866	21
22	877	880	...	...	...	...	849	851	860	825	841	841	850	850	859	868	22
23	875	880	...	...	...	...	860	858	843	820	859	846	848	856	857	868	23

Hour. \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31	Mean	Day. / Hour
	·22000 + (C.G.S. UNIT.)																
Midnight	...	864	865	870	855	860	861	873	871	860	875	867	870	880	880	861·3	Midnight
1h	...	870	865	870	857	872	863	874	871	870	876	869	870	880	880	865·6	1h
2	...	876	866	870	870	864	870	880	872	870	876	870	869	885	883	867·2	2
3	...	870	866	870	865	863	870	880	870	870	877	870	870	888	882	868·2	3
4	...	868	870	870	865	865	870	878	876	871	879	874	870	890	886	869·7	4
5	...	884	871	870	869	867	871	877	877	871	880	874	874	890	886	872·2	5
6	...	870	875	870	872	870	878	879	879	872	880	875	874	890	888	874·1	6
7	...	868	880	878	866	873	884	881	881	874	884	880	879	896	888	877·0	7
8	...	871	880	878	871	873	883	881	879	875	889	880	880	898	890	878·8	8
9	...	875	880	872	874	872	880	878	873	875	886	879	880	891	890	877·2	9
10	...	881	880	870	880	877	880	875	866	870	879	876	876	889	888	875·8	10
11	...	887	871	868	870	886	880	878	863	860	874	877	870	887	885	874·4	11
Noon	...	882	870	858	866	890	870	870	860	858	872	875	875	881	880	871·2	Noon
13h	...	882	872	850	864	887	869	867	851	858	877	874	870	883	875	868·3	13h
14	870	877	872	841	861	878	870	868	850	860	880	870	870	881	870	863·3	14
15	868	865	874	838	842	865	862	865	850	869	870	869	869	870	873	858·9	15
16	865	856	866	838	840	853	860	869	855	867	870	870	864	870	875	857·3	16
17	862	857	859	847	845	859	860	870	860	870	873	876	866	870	874	859·0	17
18	860	856	865	843	854	860	866	871	870	875	879	880	875	879	880	863·8	18
19	857	849	870	843	856	860	869	873	874	877	872	880	876	878	879	862·7	19
20	857	860	870	850	853	860	870	873	870	878	870	879	879	880	880	863·1	20
21	860	860	869	850	850	859	870	874	865	878	869	875	880	880	879	860·8	21
22	860	860	870	853	852	857	870	872	860	876	870	878	880	880	880	862·4	22
23	860	861	870	856	860	861	871	870	860	876	870	876	879	880	880	863·2	23

TABLE V.—MAGNETIC VERTICAL FORCE AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber).

MAY 1926.

Hour. / Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
	·29000 + (C.G.S. UNIT).																
Midnight	844	845	849	...	...	...	...	867	870	874	881	882	885	886	886	888	Midnight
1h	841	845	849	...	...	...	...	869	870	876	878	880	881	884	886	889	1h
2	840	844	848	...	...	...	...	866	870	873	879	880	882	884	885	886	2
3	840	844	847	...	...	...	...	867	870	872	879	880	881	884	884	886	3
4	840	844	846	...	...	...		867	870	872	878	880	881	883	884	886	4
5	840	843	846	...	...	...	...	867	870	873	880	880	881	883	884	886	5
6	840	844	846	...	...	...	...	865	870	874	880	884	880	885	886	886	6
7	839	842	845	...	...	...	...	866	870	872	880	882	880	886	884	885	7
8	837	845	850	...	...	...	...	870	874	879	883	889	890	893	890	890	8
9	847	846	854	...	...	...	...	875	879	885	887	891	895	891	891	891	9
10	847	840	...	...	...	...	...	873	875	883	885	889	886	890	890	891	10
11	844	832	...	...	...	...	...	869	870	880	872	880	875	878	880	880	11
Noon	835	828	...	...	...	...	860	863	863	883	865	873	866	873	876	873	Noon
13h	830	826	...	...	...	...	857	859	860	881	861	870	868	874	873	870	13h
14	825	820	...	...	...	...	850	850	856	877	860	870	866	876	871	869	14
15	825	819	...	...	...	...	845	848	852	871	860	866	870	876	870	869	15
16	828	828	...	...	...	...	845	850	856	874	865	865	873	878	873	871	16
17	833	836	...	...	...	...	854	858	862	875	872	873	880	880	879	878	17
18	837	841	...	...	...	...	860	864	868	880	878	880	882	883	883	881	18
19	839	843	...	...	...	...	862	865	869	880	880	881	883	883	884	884	19
20	840	845	...	...	...	...	863	866	870	882	881	883	884	886	886	885	20
21	840	846	...	...	...	...	864	867	871	881	880	884	887	886	887	886	21
22	842	846	...	...	...	...	864	868	870	879	880	884	886	886	887	887	22
23	840	846	...	...	...	...	863	867	870	880	881	883	886	888	887	887	23

Hour. / Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d	30d.	31d.	Mean	Day / Hour.
	·29000 + (C.G.S. UNIT).																
Midnight	887	887	886	883	889	887	886	885	884	884	882	880	880	879	878	879·4	Midnight
1h	887	885	886	883	889	886	886	885	884	884	881	880	879	878	877	878·8	1h
2	886	884	886	884	890	887	885	885	884	882	880	880	878	877	876	878·2	2
3	885	884	886	886	885	888	885	884	883	883	880	879	877	876	875	877·8	3
4	885	884	885	884	887	886	886	885	884	884	881	879	877	876	875	877·8	4
5	885	884	884	884	887	887	886	886	886	884	881	879	877	876	875	878·0	5
6	885	885	884	884	886	887	886	886	886	885	882	880	877	876	875	878·4	6
7	884	881	884	883	885	886	884	886	887	884	881	880	876	876	874	877·6	7
8	889	884	887	886	889	890	888	890	890	886	883	884	880	879	878	881·7	8
9	890	883	886	885	890	892	889	895	893	890	886	884	884	881	880	884·1	9
10	895	880	880	890	890	894	884	890	892	890	881	878	882	880	878	882·0	10
11	880	880	870	889	888	890	876	886	885	884	878	870	876	873	873	875·3	11
Noon	870	880	866	886	880	880	870	882	875	876	868	862	873	866	869	869·3	Noon
13h	869	880	867	885	879	879	866	878	866	868	859	860	865	861	866	866·2	13h
14	870	880	870	886	876	879	868	873	865	862	853	859	863	860	866	864·2	14
15	875	883	870	887	876	881	874	873	870	865	855	861	861	859	864	864·6	15
16	879	886	875	889	879	888	880	880	878	871	865	869	868	861	868	869·1	16
17	881	887	881	890	881	890	886	884	884	878	874	878	875	870	871	874·5	17
18	884	886	883	889	886	890	888	887	889	881	880	880	880	876	876	878·2	18
19	885	888	884	890	886	890	888	888	886	883	882	881	880	878	878	879·2	19
20	886	887	884	890	886	889	888	887	886	883	883	882	880	879	878	879·8	20
21	886	887	884	890	888	887	887	887	886	884	884	884	881	880	879	880·3	21
22	886	887	884	889	887	887	887	886	886	883	885	883	881	880	879	880·2	22
23	887	887	884	889	887	886	886	885	886	882	884	882	881	880	879	880·0	23

TABLE VI.—RESULTS of METEOROLOGICAL OBSERVATIONS made at the AEROLOGICAL STATION Vacoas (424·5 metres above mean sea-level) during the MONTH of MAY 1926.

Month and Day 1926	Observations at 10 a.m.								Temperature of the Air.			Amount of Cloud (Scale 0—10)	Amount of Rain measured at 10 a.m.	Duration of Bright Sunshine	Percentage of Possible Sunshine.
	Atmospheric Pressure.	Temperature of the Air.	Excess of Air Temperature over Evaporation	Temperature of the Dew Point.	Relative Humidity (Sat : 100)	Tension of Aqueous Vapour.	Wind. Direction in degrees.	Wind. Velocity.	Highest.	Lowest.	Range				
	mbs.	C	C	C	%	mbs.		m.p.s.	C	C	C		m.m.	hrs.	
MAY 1	971·0	20·2	3·1	14·7	71	16·6	292	6·7	22·0	15·5	6·5	4·9	0·0	8·4	74
2	969·2	21·1	2·2	17·2	78	19·4	292	5·8	23·5	16·9	6·6	6·1	0·0	7·4	65
3	967·1	22·6	2·9	17·6	73	19·9	292	0·9	24·4	17·1	7·3	3·2	0·1	9·4	83
4	965·7	22·1	3·0	16·8	72	18·9	45	0·6	23·4	15·6	7·8	1·3	0·1	9·6	85
5	966·3	22·0	3·3	16·2	69	18·2	23	0·6	23·3	15·4	7·9	1.6	0·0	9·8	87
6	967·1	19·7	1·8	16·5	82	18·6	303	2·8	22·7	15·0	7·7	3·2	0·2	9·0	80
7	969·5	19·8	2·5	15·3	75	17·2	315	1·8	22·9	14.6	8·3	2·6	0·0	9·3	82
8	968·6	22·0	2·7	17·3	75	19·6	270	5·0	24·5	16·2	8·3	2·1	0·0	8·2	73
9	967·6	22·9	4·2	15·6	64	17·6	292	0·6	24·4	16·4	8·0	4·6	3·7	7·2	64
10	964·5	22·8	3·7	16·4	67	18·5	225	0·6	23·9	16·9	7·0	5·0	19·5	6·5	58
11	963·7	22·9	2·9	17·9	74	20·3	292	3·0	24·3	17·2	7·1	2·9	0·5	8·2	73
12	964·5	23·1	2·2	19·3	79	22·2	259	3·0	24·0	17·7	6·3	4·5	2·7	8·8	79
13	967·1	23·2	1·2	21·1	88	24·8	247	2·7	23·9	19·5	4.4	4·3	5·0	6·0	54
14	968·6	21·6	1·2	19·5	88	22·4	360	0·6	25·4	18·6	6·8	5·4	24·8	5·9	53
15	968·9	23·9	2·0	20·5	81	23·9	270	2·2	23·6	18·0	5·6	5·6	2·5	5·2	47
16	967·2	23·1	2·6	18·6	76	21·2	247	70	24·7	18·6	6·1	3·4	14·5	9·2	83
17	965·5	21·6	1·5	19·0	85	21·8	180	4·5	23·9	19·1	4·8	9·5	15·2	3·6	32
18	966·3	21·9	1·5	19·3	85	22·2	23	2·7	23·5	19·1	4·4	5·9	20·3	9·5	86
19	968·6	21·6	3·4	15·6	69	17·6	360	0·9	22·7	15·1	7·6	1·0	0·2	10·5	95
20	969·5	21·1	2·2	17·2	78	19·4	360	0·6	22·9	15·1	7·8	2·6	0·2	10.2	92
21	971·8	20·4	3·2	14·7	70	16·6	315	4·9	21·4	14·7	6·7	5·2	0·0	8·8	79
22	972·6	19·3	1·3	16·9	86	19·0	315	7·6	22·2	15·2	7·0	6·3	2·0	6·1	55
23	971·7	21·1	2·5	16·7	76	18·8	292	12·5	22·1	15·4	6·7	5·9	3·1	9·9	90
24	972·5	19·4	0·6	18·3	93	20·8	292	8·0	21·3	17·5	3·8	8·8	8·6	6·8	62
25	970·1	22·5	2·4	18·3	77	20·8	303	4·9	21·7	16·2	5·5	7·9	0·9	4·6	42
26	969·0	20·6	0·6	19·5	93	22·4	292	7·6	21·6	18·5	3·1	10·0	7·8	0·8	7
27	969·3	19·8	0·8	18·4	92	21·0	270	0·6	23·1	18·3	4·8	9·8	1·6	1·3	12
28	971·7	20·0	1·1	18·0	88	20·4	315	9·0	20·7	17·8	2·9	8·9	1·4	2·3	21
29	972·1	20·0	2·4	15·7	76	17·7	292	17·4	21·5	16·0	5·5	8·1	3·5	7·2	65
30	972·9	19·9	1·8	16·7	82	18·8	270	4·5	21·4	16·7	4·7	9·9	3·5	0·4	4
31	971·7	20·0	0·6	18·9	93	21·6	270	6·7	21·5	17·5	4·0	9·6	12·0	1·8	16
Mean	968·8	21·3	2·1	17·5	79·2	19·9	292·8°	3·3	22·9	16·8	6·1	5·5	Sum 153·9	6·84	61·2
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

EXCESS OF CERTAIN ELEMENTS AT PAMPLEMOUSSES OVER THE CORRESPONDING ELEMENTS AT VACOAS.

Mean of the month at 10 a.m.	Atmospheric Presssure	+42·0 mbs
	Temperature of the Air	+ 3·1 C.
	Vapour Tension	+ 1·7 mbs
	Relative Humidity	− 7·9 %
	Direction of Wind	5·6° E.
	Velocity of Wind	− 0·3 mps.
	Amount of cloud	0·0
	Amount of rain	+52·1 m.m.
	Duration of sunshine	+6.9 hrs.
	Mean of highest temperatures	+3·0 C.
	Mean of lowest temperatures	+2·2 C.
	Absolute highest temperature	+2·2 C.
	Absolute lowest temperature	+0·8 C

*South (0); West (8); North (16); East (24)

TABLE VII.—DAILY RESULTS OF METEOROLOGICAL OBSERVATIONS made during the month of MAY 1926.

Month and Day 1926.	Atmospheric Pressure		Temperature of the Air. (in degrees Centigrade.)					Excess of Air Temp. over Evaporation Temp.	Temperature of the Dew Point. (Centigrade.)		Degree of Humidity (Saturation=100)		Elastic Force of Vapour	Lowest Temperature on the Grass. (Cent.)	Rainfall.		Amount of Evaporation	Mean Amount of Cloud (Scale 0—10.)
	Mean	Excess above Average	Highest	Lowest.	Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average			Amount recorded by the Beckley Pluviograph.	Duration.		
MAY.	mbs.	mbs.	c	c	c	c	c	c	c	c			mbs.	c	mm.	min.	mm.	
1	1012·3	+ 3·7	25·2	19·1	6·1	21·8	— 1·5	3·3	16·0	— 3·2	70	— 9	18·0	15·6	0·0	...	6·0	6·2
2	1010·5	+ 1·8	25·9	20·6	5·3	22·8	— 0·4	2·6	18·3	— 0·9	76	— 3	20·8	16·5	0·0	...	4·0	6·7
3	1007·9	— 0·9	27·0	18·6	8·4	22·8	— 0·3	2·3	18·8	— 0·3	78	0	21·5	14·3	0·0	...	3·6	2·5
4	1006·9	— 2·0	26·7	17·9	8·8	22·0	— 1·0	2·3	18·0	— 1·0	78	0	20·4	13·4	0·0	...	4·0	1·8
5	1007·2	— 1·8	27·1	16·8	10·3	22·0	— 1·0	2·4	17·8	— 1·1	77	— 1	20·2	13·1	0·0	...	4·0	3·3
6	1008·4	— 0·7	25·7	15·7	10·0	20·5	— 2·4	2·6	15·9	— 2·9	75	— 3	17·9	12·3	0·0	...	4·8	3·0
7	1010·2	+ 1·1	25·9	16·2	9·7	20·9	— 1·9	3·0	15·6	— 3·2	72	— 6	17·6	11·5	0·0	...	4·0	1·6
8	1009·7	+ 0·5	26·5	17·9	8·6	21·8	— 1·0	2·1	18·1	— 0·6	80	+ 2	20·6	14·2	0·9	65	2·9	3·5
9	1007·9	— 1·4	27·6	17·9	9·7	22·4	— 0·3	2·3	18·4	— 0·2	78	0	21·0	14·3	25·0	180	5·0	5·4
10	1005·7	— 3·7	27·0	19·0	8·0	22·1	— 0·5	1·7	19·1	+ 0·5	83	+ 5	21·9	15·1	25·0	65	4·0	5·7
11	1005·0	— 4·5	26·9	17·4	9·4	22·2	— 0·4	1·6	19·4	+ 0·9	84	+ 6	22·3	14·4	43·4	70	5·9	4·3
12	1005·9	— 3·6	26·8	20·7	6·1	23·5	+ 1·1	1·7	20·5	+ 2·1	83	+ 5	23·9	18·4	3·4	20	4·9	5·3
13	1008·2	— 1·4	26·5	21·6	4·9	23·9	+ 1·5	1·4	21·5	+ 3·1	86	+ 8	25·4	17·3	3·0	70	4·7	6·5
14	1008·9	— 0·8	26·8	20·7	6·1	23·3	+ 1·0	1·4	20·9	+ 2·6	87	+ 9	24·5	16·9	24·0	130	3·5	6·5
15	1009·6	— 0·2	26·7	20·4	6·3	23·1	+ 0·8	1·4	20·7	+ 2·5	86	+ 8	24·2	17·9	9·2	65	4·2	5·3
16	1007·9	— 2·0	26·9	20·6	6·3	23·6	+ 1·4	2·3	19·6	+ 1·4	79	+ 1	22·6	18·7	1·6	15	4·8	4·8
17	1006·6	— 3·3	27·5	21·9	5·6	24·1	+ 2·0	1·5	21·5	+ 3·4	86	+ 8	25·4	18·5	21·5	145	5·7	8·4
18	1007·6	— 2·4	27·1	19·2	7·9	23·1	+ 1·0	1·9	19·8	+ 1·8	82	+ 4	22·9	14·4	18·5	100	5·1	6·2
19	1009·5	— 0·6	26·3	16·7	9·6	20·7	— 1·3	2·3	16·6	— 1·3	77	— 1	18·7	12·3	0·0	...	5·0	0·8
20	1011·0	+ 0·8	26·1	15·4	10·7	20·2	— 1·8	2·3	16·1	— 1·8	77	— 1	18·1	11·3	0·0	...	2·0	2·0
21	1012·9	+ 2·6	25·0	15·5	9·5	20·0	— 1·9	2·6	15·4	— 2·4	75	— 2	17·3	10·7	0·0	...	4·0	3·5
22	1013·1	+ 2·8	24·8	16·6	8·2	20·8	— 1·1	2·5	16·4	— 1·3	76	— 1	18·5	12·4	0·1	5	4·1	3·1
23	1013·0	+ 2·6	25·0	19·6	5·4	22·4	+ 0·6	3·1	17·0	— 0·7	72	— 5	19·2	16·9	0·1	5	3·7	4·1
24	1012·8	+ 2·3	24·1	20·3	3·8	21·9	+ 0·2	2·0	18·4	+ 0·8	81	+ 4	21·0	17·3	4·1	40	4·9	7·5
25	1011·2	+ 0·6	26·2	18·7	7·5	22·4	+ 0·7	1·8	19·2	+ 1·6	82	+ 5	22·0	14·2	2·0	80	3·2	7·3
26	1009·8	— 0·9	23·1	21·1	2·0	21·8	+ 0·2	0·7	20·6	+ 3·1	93	+ 16	24·0	19·7	14·2	290	6·2	10·0
27	1010·2	— 0·6	25·7	20·8	4·9	22·4	+ 0·8	1·4	19·9	+ 2·5	86	+ 9	23·0	17·5	0·3	5	0·3	9·3
28	1012·4	+ 1·5	24·5	20·5	4·0	22·3	+ 0·8	2·7	17·6	+ 0·3	75	— 2	19·9	17·0	0·0	...	3·5	7·9
29	1013·8	+ 2·8	24·4	21·2	3·2	22·5	+ 1·0	4·1	15·3	— 2·0	64	— 13	17·2	18·2	0·2	10	5·0	8·5
30	1013·6	+ 2·6	23·6	19·8	3·8	21·9	+ 0·5	2·8	17·0	— 0·2	74	— 3	19·2	17·8	1·1	25	3·1	9·8
31	1012·8	+ 1·7	24·0	20·2	3·8	22·0	+ 0·6	1·2	19·9	+ 2·8	88	+ 11	23·0	19·3	8·4	95	2·9	9·4
Mean	1009·8	— 0·1	25·9	19·0	6·9	22·2	— 0·1	2·2	18·4	+ 0·2	79·4	+ 1·7	21·0	15·5	Sum 20·60	Sum 1480	4·2	5·5
Aver.	1009·9	...	26·1	19·0	7·1	22·3	...	2·4	18·2	...	77·7	...	20·7	15·7	77·0	1328	3·7	4·6
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

GENERAL WEATHER CONDITIONS DURING THE MONTH OF MAY 1926.

Pressure fluctuated considerably during the month but was. in the mean, practically normal.

A spell of cold weather was in evidence during the first decade of the month. Temperature rose afterwards considerably above normal, till the 19th, when a pronounced drop occurred, associated with well marked anticyclonic conditions.

On the 23rd, another increase was observed which lasted till the end of the month.

Wind Velocity was generally below normal except during the last week of the month, when the S.E. trades set in strongly. Lightning was seen on the 9th and 11th and thunder heard on the 9th, 11th and 13th.

At the Observarory rainfall was 167% above normal and its duration 11% above. The percentage variation for the different districts of the Island was as follows:

Northern Districts	River System 1,	71% above
Eastern Districts	,, ,, 2, 3, 4,	71% ,,
South-Eastern Districts	,, ,, 5 & 6	14% ,,
Western Districts	River System 11	18% above
	,, ,, 12	49% ,,
	,, ,, 13	36% ,,

August 7th, 1926

TABLE VII.—DAILY RESULTS of METEOROLOGICAL OBSERVATIONS made during the month of MAY 1926.

Month and Day 1926.	Duration of Bright Sunshine.	Percentage of Possible Sunshine.	Wind: Components. North.	Wind: Components. East.	Wind: Resultant. Direction*.	Wind: Resultant. Velocity.	Wind: Observed Velocity. Mean.	Wind: Observed Velocity. Excess above Average.	Temperature of the Soil at a depth of. 10 Feet.	5 Feet.	2 Feet.	12 inches	6 inches	3 inches	Weather
MAY.	hrs.	%	m.p.s.	m.p.s.	°	m.p.s.	m.p.s	m.p.s	c	c	c	c	c	c	
1	8·9	79	— 1·9	+ 3·2	301	3·7	3·8	+ 0·5	26·0	27·0	26·8	25·8	24·7	24·5	f : c .
2	4·9	43	— 1·6	+ 2·9	299	3·3	3·5	+ 0·2	26·0	26·9	26·7	25·6	24·9	24·8	og : c : f .
3	9·3	82	— 0·9	+ 0·5	331	1·0	2·1	— 1·2	26·0	26·9	26·6	25·5	24·9	24·8	b : f : b .
4	10·2	90	— 1·3	— 0·7	28	1·5	2·2	— 1·1	26·1	26·9	26·5	25·5	25·0	25·0	b : f : b .
5	8·3	73	— 0·9	+ 0·3	342	0·9	2·0	— 1·3	26·0	26·9	26·4	25·5	24·9	24·7	b : f : c : b .
6	8·5	75	— 1·8	+ 2·2	309	2·8	2·9	— 0·4	26·1	26·9	26·3	25·4	24·6	24·2	b : f : c : f : b .
7	10·9	96	— 1·5	+ 2·1	306	2·6	2·6	— 0·7	25·9	26·7	26·2	25·1	24·1	23·7	b : f : b .
8	8·3	73	— 0·7	+ 2·9	284	3·0	3·1	— 0·2	26·2	27·1	26·1	24·9	24·0	23·7	b : f : cp : f .
9	7·3	65	— 1·5	+ 2·2	304	2·6	2·8	— 0·5	26·2	26·7	26·0	24·8	24·1	24·0	b : c : ogplt .
10	7·0	62	— 0·5	+ 1·3	291	1·4	2·0	— 1·3	26·2	26·6	25·9	25·0	24·5	24·5	cg : f : cp : b .
11	7·7	69	— 0·5	+ 1·3	291	1·4	1·5	— 1·8	26·2	26·9	25·8	25·0	24·5	23·7	f : cq : clt .
12	8·2	73	— 0·2	+ 2·3	275	2·3	2·5	— 0·8	26·2	26·7	25·6	25·0	24·6	24·8	f : cp : c : cp : c.
13	7·9	71	+ 0·8	+ 2·2	250	2·3	2·4	— 0·9	26·2	26·5	25·7	25·1	24·9	25·0	cp : c : cp : f .
14	5·3	47	— 0·6	— 0·2	18	0·6	1·3	— 2·0	26·2	26·6	25·7	25·2	24·8	25·1	cp : c : cp : f .
15	6·9	62	— 0·1	+ 2·5	272	2·5	2·6	— 0·7	26·2	26·7	25·7	25·3	24·9	25·0	f : cp : f .
16	9·6	86	+ 0·9	+ 2·7	252	2·8	2·9	— 0·4	26·2	26·4	25·8	25·2	24·8	25·0	f : cp : f .
17	5·8	52	+ 2·4	+ 0·1	182	2·4	2·6	— 0·7	26·2	26·7	25·8	25·2	24·9	25·1	cgp : c : cp .
18	6·4	58	— 0·5	+ 0·1	11	0·5	1·2	— 2·1	26·2	26·3	25·8	25·5	25·0	25·3	ogr : c : cp : f .
19	10·4	94	— 1·5	— 0·5	18	1·6	2·0	— 1·3	26·2	26·3	25·8	25·4	24·5	24·5	b .
20	8·7	78	— 1·4	+ 0·7	333	1·5	1·8	— 1·5	26·1	26·4	25·8	25·0	23·9	23·7	b : f : b .
21	9·8	88	— 2·5	+ 1·6	327	2·9	3·0	— 0·3	26·1	26·3	25·7	24·8	23·5	23·2	b : f .
22	9·0	81	— 2·7	+ 2·2	321	3·5	3·6	+ 0·2	26·2	26·3	25·5	24·3	23·4	23·0	b : f : b .
23	9·3	85	— 1·6	+ 4·4	290	4·7	4·7	+ 1·3	26·1	26·6	25·3	24·1	23·4	23·5	f : fq : f .
24	6·2	56	— 1·1	+ 4·3	284	4·4	4·5	+ 1·1	26·2	26·2	25·2	24·1	23·4	23·5	c : cpq : cq .
25	6·3	57	— 1·1	+ 1·9	300	2·2	2·3	— 1·1	26·1	26·2	25·1	24·1	23·6	23·9	f : ogp .
26	0·4	4	— 1·5	+ 3·1	296	3·4	3·5	+ 0·1	26·1	26·3	25·0	24·4	25·0	24·1	ogp .
27	0·9	8	— 0·9	+ 1·6	299	1·8	2·0	— 1·4	26·2	26·1	25·1	24·5	23·9	24·2	og : cg .
28	7·1	65	— 3·2	+ 4·4	306	5·4	5·5	+ 2·1	26·2	26·2	25·1	24·5	23·7	23·7	cq .
29	8·3	75	— 2·4	+ 7·1	289	7·5	7·5	+ 4·1	26·1	26·1	25·0	24·0	23·2	23·2	ogpq : cq .
30	0·0	0	— 0·6	+ 4·7	277	4·7	4·8	+ 1·4	26·1	26·0	24·9	24·0	22·8	22·5	ogpq : ogq .
31	1·0	9	— 0·6	+ 3·8	279	3·8	3·9	+ 0·5	26·1	26·1	24·8	23·8	22·8	23·0	ogpq .
Mean	7·06	63·0	— 1·02	+ 2·17	295·2	2·40	3·00	— 0·33	26·13	26·53	25·73	24·89	24·21	24·15	...
Average	7·57	67·9	— 1·29	+ 2·52	297·1	2·83	3·33	...	25·54	26·34	...	...	...	...	...
Column	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33

MEANS AND EXTREMES OF CERTAIN METEOROLOGICAL ELEMENTS DURING THE MONTH OF MAY 1926.

Element	Highest			Date	Lowest			Date
Atmospheric Pressure	1015·1mbs	at	10h	on 29th	1003·5mbs	at	14h	on 11th
Temperature of the Air	27·6C	at	13·10	on 9th	15·4C	at	6·50	on 20th
Daily range of temperature of the Air...	10·7C		...	on 20th	2·0C		...	on 26th
Temperature of the Dew Point	22·5C	at	15h	on 15th	11·6C	at	6h	on 7th
Daily range of temperature of the Dew Point	6·4C		...	on 7th	1·3C		...	on 26th
Relative humidity...	97·3%	at	3h	on 7th	53·0%	at	12h	on 9th
Wind Velocity	10·1 m.p.s.	at	13h	on 29th	0·6 mps		ofen	often
Rainfall	49·9mm.	ending	17h	on 17th		...	...	...
Temperature of the soil at 3 ins. ...	27·1C	at	15h	on 4th	21·6C	at	6 & 9h	on 21st & 9h on the 22nd
,, ,, at 6 ins. ...	25·9C	at	18h	on 4th	22·5C	at	9h	on 31st
Duration of sunshine...	10·9 hrs.		...	on 7th	0·0 hrs.		...	on 30th
Amount of Evaporation in 24 hours	6·2 mm.		...	on 26th	0·3 m.m.		...	on 27th
Vapour Tension	27·0mbs	at	15h	on 15th	13·5 mbs	at	6h	on 7th
Minimum on Grass	...		...	...	10·7C		...	on 21st

Number of Days Overcast, 9, Clear 6, of Rain 20, of Lightning 2, of Thunderstorm 3.
Mean Day Temperature of Air, 23·79C. Average, 24·08C. Mean Night Temperature of Air, 20·54C. Average, 20·58C.

*South (0°); West (90°); North (180°); East (270°).

TABLE VIII.—ATMOSPHERIC PRESSURE IN MILLIBARS AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(The values are corrected for temperature and for the effect of gravity, but are not reduced to sea level. (The cistern of the barometer is 55·2 metres above mean sea-level.)

MAY 1926.

Hour \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d	Day. / Hour.
	When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.																
Midnight	0130	0130	0098	0075	0077	0082	0101	0110	0094	0070	0056	0056	0081	0088	0098	0098	Midnight
1h	0126	0122	0092	0072	0073	0082	0100	0105	0090	0070	0051	0053	0079	0082	0098	0090	1h
2	0124	0119	0090	0071	0071	0080	0098	0100	0084	0066	0050	0049	0078	0081	0095	0086	2
3	0120	0115	0085	0066	0068	0076	0094	0097	0080	0060	0046	0048	0079	0081	0091	0081	3
4	0120	0110	0083	0067	0066	0077	0091	0096	0080	0059	0049	0047	0079	0080	0090	0080	4
5	0121	0105	0082	0067	0066	0077	0090	0097	0081	0059	0050	0047	0079	0082	0091	0081	5
6	0123	0108	0083	0070	0073	0080	0095	0099	0089	0061	0051	0051	0080	0087	0097	0086	6
7	0130	0111	0086	0075	0080	0087	0099	0102	0090	0063	0053	0053	0088	0089	0100	0088	7
8	0133	0112	0090	0080	0081	0086	0109	0104	0094	0066	0054	0057	0091	0097	0101	0090	8
9	0134	0115	0090	0080	0081	0091	0112	0107	0100	0066	0059	0060	0090	0100	0106	0092	9
10	0134	0113	0090	0079	0080	0090	0116	0106	0100	0063	0058	0066	0091	0101	0108	0090	10
11	0130	0110	0083	0070	0076	0087	0111	0101	0089	0060	0051	0062	0089	0099	0102	0083	11
Noon	0122	0100	0075	0063	0071	0080	0100	0098	0079	0055	0045	0059	0082	0093	0098	0075	Noon
13h	0119	0097	0071	0060	0064	0072	0093	0090	0070	0050	0038	0051	0077	0090	0092	0070	13h
14	0111	0092	0068	0059	0060	0070	0091	0085	0063	0041	0035	0050	0070	0080	0090	0062	14
15	0111	0091	0064	0059	0060	0069	0089	0081	0061	0041	0040	0050	0070	0079	0088	0060	15
16	0110	0091	0065	0056	0060	0070	0091	0086	0061	0049	0040	0049	0071	0079	0088	0061	16
17	0111	0097	0068	0060	0065	0073	0097	0090	0063	0049	0041	0054	0072	0080	0089	0065	17
18	0114	0098	0070	0062	0067	0080	0101	0092	0070	0050	0047	0059	0076	0083	0091	0069	18
19	0120	0099	0070	0064	0071	0089	0109	0099	0074	0051	0052	0065	0080	0090	0093	0074	19
20	0128	0100	0074	0072	0078	0094	0114	0100	0073	0056	0056	0071	0086	0099	0100	0078	20
21	0130	0102	0079	0078	0081	0099	0114	0101	0079	0059	0060	0078	0089	0100	0100	0080	21
22	0130	0101	0079	0079	0082	0102	0113	0100	0076	0060	0063	0081	0090	0100	0100	0080	22
23	0129	0100	0077	0077	0083	0102	0111	0099	0077	0060	0061	0081	0089	0100	0099	0078	23

Hour \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Day / Hour
	When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.																
Midnight	0072	0073	0094	0103	0131	0134	0131	0137	0130	0107	0100	0119	0141	0140	0140	1010·3	Midnight
1h	0070	0070	0090	0100	0130	0130	0130	0134	0125	0101	0097	0113	0139	0141	0138	1010·0	1h
2	0067	0069	0090	0098	0129	0127	0125	0132	0120	0100	0095	0111	0135	0138	0137	1009·7	2
3	0061	0064	0089	0093	0125	0125	0123	0129	0114	0095	0093	0110	0132	0133	0130	1009·4	3
4	0063	0066	0088	0090	0121	0124	0124	0128	0113	0091	0090	0110	0133	0133	0128	1009·3	4
5	0061	0069	0090	0090	0122	0126	0127	0128	0112	0091	0090	0112	0135	0134	0125	1009·3	5
6	0065	0071	0093	0100	0129	0130	0130	0130	0114	0094	0091	0116	0139	0138	0129	1009·7	6
7	0069	0079	0100	0110	0133	0137	0135	0131	0118	0100	0098	0120	0141	0140	0129	1010·1	7
8	0070	0081	0101	0116	0137	0145	0139	0136	0121	0102	0107	0125	0147	0144	0133	1010·5	8
9	0074	0082	0108	0116	0139	0149	0141	0141	0126	0111	0111	0130	0150	0149	0136	1010·8	9
10	0075	0081	0107	0117	0140	0150	0145	0141	0126	0110	0113	0135	0151	0148	0133	1010·8	10
11	0070	0078	0100	0115	0138	0143	0139	0137	0121	0108	0109	0131	0146	0145	0130	1010·4	11
Noon	0066	0072	0097	0110	0130	0137	0131	0130	0115	0101	0101	0126	0139	0141	0129	1009·7	Noon
13h	0058	0070	0090	0101	0121	0127	0122	0120	0103	0092	0095	0118	0131	0130	0120	1009·0	13h
14	0051	0063	0084	0098	0117	0120	0120	0114	0099	0090	0092	0115	0123	0126	0116	1008·6	14
15	0051	0062	0080	0099	0119	0120	0118	0111	0099	0088	0092	0113	0128	0125	0116	1008·5	15
16	0054	0064	0080	0102	0118	0117	0118	0113	0099	0089	0091	0114	0130	0122	0114	1008·6	16
17	0058	0069	0085	0109	0121	0120	0120	0119	0100	0090	0097	0120	0130	0129	0119	1008·9	17
18	0060	0073	0091	0115	0126	0121	0124	0121	0101	0091	0103	0128	0133	0131	0121	1009·3	18
19	0064	0080	0098	0122	0128	0128	0129	0127	0104	0097	0110	0131	0139	0130	0128	1009·7	19
20	0071	0086	0103	0129	0131	0130	0133	0130	0108	0102	0115	0139	0140	0132	0129	1010·2	20
21	0073	0090	0110	0132	0137	0133	0139	0131	0110	0106	0119	0140	0140	0138	0130	1010·5	21
22	0076	0093	0110	0134	0136	0133	0140	0132	0112	0105	0120	0141	0140	0140	0128	1010·6	22
23	0077	0098	0109	0131	0136	0131	0139	0131	0111	0103	0120	0142	0144	0139	0130	1010·5	23

TABLE IX.—AMOUNT of CLOUD at every HOUR of the DAY (0 = CLEAR SKY, 10 = OVERCAST SKY).

Hour. \ Day.	MAY 1926.																															Mean.
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	
Midnight	9	9	0	0	0	0	0	0	0	10	0	4	6	5	0	3	5	10	0	0	0	0	2	4	5	10	10	8	10	8	10	4·1
1h	10	10	0	0	0	0	0	0	0	10	0	4	7	5	4	2	7	10	0	0	0	0	2	6	6	10	10	7	10	9	10	4·5
2	10	10	0	0	0	1	0	0	0	10	0	4	6	6	5	3	9	10	0	0	0	1	2	6	6	10	10	6	10	10	10	4·7
3	9	10	0	1	0	1	1	0	0	9	0	3	5	10	6	3	10	10	0	0	0	1	2	5	6	10	10	5	10	10	10	4·7
4	8	10	0	1	0	1	1	1	1	9	0	3	7	10	6	7	10	10	0	0	0	2	4	8	5	10	10	8	10	10	10	5·2
5	5	10	0	1	0	1	1	2	1	9	0	3	8	10	5	9	10	9	0	0	0	2	6	10	4	10	10	7	10	10	10	5·3
6	3	10	0	1	0	2	2	3	2	8	3	3	8	10	5	9	10	8	0	0	2	3	8	10	8	10	10	7	10	10	10	5·7
7	4	9	0	1	2	4	2	3	2	4	2	8	7	8	4	8	10	6	0	0	3	4	5	9	3	10	10	7	9	10	10	5·3
8	3	9	0	1	2	5	2	3	2	2	1	5	7	9	4	8	10	5	0	0	3	5	5	9	4	10	10	7	8	10	10	5·1
9	3	9	0	0	2	6	2	3	2	0	2	3	7	9	2	5	10	3	0	0	4	7	4	8	4	10	10	7	7	10	9	4·8
10	3	8	1	1	3	5	3	5	2	6	1	7	7	9	3	5	10	4	1	3	3	6	5	8	4	10	10	7	6	10	9	5·3
11	3	7	3	4	5	4	3	7	5	7	3	6	8	8	9	5	6	8	2	6	8	5	5	9	7	10	10	9	6	10	10	6·4
Noon	3	5	5	3	5	7	3	6	5	5	4	5	7	9	7	5	6	9	2	7	7	6	6	9	4	10	9	8	6	10	10	6·2
13h	5	6	5	4	7	6	3	6	7	7	4	7	7	9	8	5	7	9	3	5	7	6	5	7	6	10	9	10	6	10	10	6·7
14	5	8	6	6	8	7	3	6	8	8	7	8	7	7	10	7	7	9	3	6	5	5	5	7	9	10	9	8	7	10	10	7·1
15	7	9	7	4	9	8	3	6	8	9	9	7	6	5	9	6	8	7	3	7	5	4	5	5	9	10	8	6	7	10	9	6·9
16	7	9	7	6	8	6	3	9	9	10	9	8	7	7	9	7	8	8	2	5	6	4	4	6	9	10	8	7	8	10	10	7·3
17	6	8	8	7	8	5	3	8	10	7	8	8	8	8	8	7	7	8	2	3	6	3	4	8	10	10	9	8	9	9	10	7·2
18	7	4	7	2	8	2	2	7	10	4	9	4	8	4	7	5	7	5	1	2	9	2	4	9	10	10	9	8	9	9	9	6·2
19	6	3	6	1	5	1	1	5	10	3	9	2	7	3	5	2	5	3	1	2	5	2	3	8	10	10	9	9	9	10	9	5·3
20	5	2	3	0	3	0	1	3	10	2	9	2	6	2	3	1	8	2	0	1	4	2	2	8	10	10	9	9	9	10	9	4·7
21	9	1	1	0	2	0	0	1	10	2	8	7	4	1	2	0	9	1	0	1	3	1	2	9	10	10	9	10	10	10	8	4·5
22	9	0	1	0	1	0	0	0	10	1	7	8	3	2	2	0	9	0	0	0	2	1	3	8	10	10	9	10	10	10	8	4·3
23	9	0	0	0	0	0	0	0	10	0	6	7	4	3	2	2	10	10	0	0	1	1	4	5	10	10	7	10	10	10	7	4·1

TABLE X.—DURATION of BRIGHT SUNSHINE at every HOUR of the DAY as recorded by the CAMPBELL-STOKES SUNSHINE RECORDER.

Hour* Ending \ Day.	MAY 1926.																															Total.
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	
6h	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	hrs.
7	28	9	29	25	29	25	25	20	24	11	22	0	0	0	20	2	0	0	23	21	25	18	12	0	20	0	0	0	0	0	0	6·5
8	60	32	60	60	60	55	60	60	60	60	59	53	35	12	58	60	0	57	60	60	60	18	23	32	60	5	0	5	30	0	0	20·9
9	60	25	60	60	60	55	60	60	60	60	60	60	59	20	60	59	0	55	60	60	60	57	60	50	60	0	0	43	50	0	38	24·5
10	60	10	60	60	55	60	60	58	60	60	60	55	60	14	59	60	5	56	60	60	60	48	47	58	60	0	0	54	58	0	11	23·8
11	60	9	60	60	58	60	60	59	60	55	60	30	40	46	44	60	45	54	60	53	60	59	60	25	40	16	0	33	55	0	0	23·0
Noon	60	60	60	60	60	45	60	55	60	55	59	45	30	30	30	60	53	22	60	52	60	60	56	22	55	0	6	48	60	0	0	23·0
13h	53	55	46	60	42	45	60	60	60	58	60	58	50	0	28	55	54	3	60	50	43	60	60	59	60	0	25	42	60	0	0	22·8
14	60	50	24	53	50	53	60	50	18	58	27	57	40	31	33	58	46	3	60	56	47	48	60	15	21	0	0	48	60	0	0	19·8
15	54	20	45	32	0	7	60	55	22	0	0	35	58	46	24	58	55	22	60	45	60	55	60	55	3	0	9	58	60	0	2	17·7
16	34	0	47	60	40	43	60	24	16	0	13	50	57	58	28	55	56	60	60	50	60	60	60	55	0	0	12	57	55	0	8	19·6
17	1	24	48	60	45	60	60	0	0	1	40	48	42	55	28	50	35	45	60	12	52	53	55	2	0	2	5	36	10	0	0	15·5
18	3	2	21	25	1	0	26	0	0	0	1	0	0	7	0	0	0	4	0	4	2	1	5	0	0	0	0	0	0	0	0	1·7
19																																

The total amount of registered sunshine was 218·8 hours and the total possible sunshine 345·4 hours.

* Reckoned from apparent midnight.

TABLE XI.—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(*To obtain temperatures on the Absolute Scale add* 273)

MAY 1926.

Day. / Hour.	1d.		2d.		3d.		4d.		5d.		6d.		7d.		8d.		Day. / Hour
	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	
Midnight	19·6	2·5	21·9	2·9	20·6	1·1	19·7	0·9	19·0	1·4	19·4	1·4	17·0	0·5	18·8	2·3	Midnight
1h	20·3	2·3	22·0	3·0	20·3	0·9	19·2	0·8	19·0	1·4	18·7	1·6	17·0	0·7	18·6	2·0	1
2	20·0	2·0	22·0	3·0	20·0	0·9	19·0	0·8	19·0	1·4	18·0	1·9	16·9	0·7	18·9	1·9	2
3	20·1	2·1	21·9	2·8	19·6	0·6	19·0	1·0	18·8	1·3	16·9	1·1	16·3	0·2	19·1	1·0	3
4	20·0	2·6	21·0	2·0	19·3	0·8	18·6	0·8	18·3	1·3	16·3	1·1	16·3	0·4	18·4	0·9	4
5	19·8	2·4	21·3	2·1	19·0	0·6	18·2	0·8	17·7	1·3	15·7	0·7	17·6	2·1	17·9	0·9	5
6	19·4	1·9	21·7	2·1	19·0	0·7	18·1	0·9	17·1	1·0	16·1	1·1	19·3	4·3	18·3	0·9	6
7	19·9	2·0	21·7	1·9	18·9	0·6	18·5	0·6	18·0	1·0	18·0	0·5	20·0	4·0	19·5	1·1	7
8	22·2	3·6	23·0	2·7	23·0	1·9	22·2	2·7	22·8	1·9	22·1	2·3	21·5	2·0	23·0	2·1	8
9	23·4	4·4	23·7	2·9	24·8	3·4	24·0	3·0	23·9	2·9	23·4	3·4	23·0	3·5	24·6	3·6	9
10	24·0	4·7	24·6	3·4	26·0	4·3	25·5	4·2	24·9	3·9	24·0	3·7	24·4	4·7	25·0	3·9	10
11	24·5	5·0	24·9	3·7	27·0	5·0	25·9	4·2	25·8	3·9	24·8	4·5	24·7	4·8	25·1	3·7	11
Noon	24·9	5·6	25·9	4·2	26·9	4·9	26·0	4·0	26·6	4·5	24·9	4·8	25·1	5·2	25·5	3·9	Noon
13h	24·3	4·6	25·0	3·4	26·6	4·6	26·0	4·2	27·1	5·0	25·1	4·8	25·9	6·1	26·0	4·6	13h
14	24·7	4·8	25·1	4·1	26·3	4·3	26·1	4·5	26·3	3·7	25·0	4·8	25·1	5·5	25·5	3·7	14
15	24·4	4·5	24·3	3·4	25·9	4·1	25·9	4·5	25·1	3·2	24·3	4·2	25·2	5·6	25·0	3·1	15
16	23·2	4·3	24·0	3·1	25·7	4·0	25·9	4·6	25·5	3·4	24·0	4·0	24·4	4·6	23·0	2·0	16
17	22·7	3·9	23·2	2·9	25·0	3·3	25·0	3·9	24·2	3·3	23·0	4·0	23·2	4·2	23·1	1·4	17
18	21·6	3·4	22·8	2·2	24·0	2·0	23·0	2·0	22·7	2·8	20·8	2·5	21·6	2·7	22·2	1·4	18
19	20·7	2·7	21·9	1·8	23·0	2·0	22·0	1·3	21·9	2·6	19·3	2·3	20·0	2·0	21·5	1·4	19
20	20·0	2·0	21·9	1·8	22·0	1·5	20·5	1·0	21·9	2·6	19·0	2·0	19·2	1·7	21·4	1·5	20
21	20·1	1·8	21·5	1·6	21·7	1·7	19·5	1·1	21·0	2·0	19·1	2·1	19·3	1·6	21·1	1·5	21
22	21·0	2·4	21·3	1·4	21·2	1·2	19·8	1·8	20·6	1·6	18·1	1·4	19·0	1·4	20·5	1·4	22
23	21·5	2·5	20·9	1·3	20·8	1·0	20·0	2·2	20·0	1·2	18·1	1·6	19·0	2·1	21·0	1·7	23

Day. / Hour.	9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.		Day. / Hour
	Air	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	
Midnight	20·9	1·7	20·2	1·3	19·0	0·7	22·1	0·8	21·9	0·8	22·0	0·9	21·1	1·2	21·0	1·1	Midnight
1h	20·7	1·5	20·5	1·5	20·5	0·6	22·1	1·0	22·5	0·7	21·9	0·8	20·7	0·7	21·0	1·2	1h
2	19·9	1·4	20·3	1·2	19·5	0·6	22·0	1·0	22·4	0·5	21·9	0·7	22·0	0·6	20·7	1·0	2
3	20·0	1·3	20·6	1·5	18·9	0·6	22·0	0·9	22·6	0·6	22·1	0·5	22·1	0·6	21·2	1·0	3
4	20·0	1·1	20·6	1·6	18·3	0·4	22·0	0·8	22·0	0·6	21·8	0·6	21·4	0·5	21·0	0·9	4
5	19·5	0·9	20·5	1·3	18·0	0·5	21·9	0·8	22·4	0·6	21·7	0·6	21·2	0·6	21·7	1·1	5
6	18·6	1·1	20·4	1·0	17·6	0·4	21·0	0·8	22·6	0·6	21·6	0·5	21·0	0·8	22·0	1·1	6
7	18·2	0·3	20·0	0·8	17·9	0·8	21·1	0·6	22·6	0·6	21·6	0·5	20·9	0·8	22·3	1·3	7
8	22·8	2·6	22·0	1·1	22·2	1·1	23·2	1·2	24·1	1·1	23·0	1·0	24·5	1·4	24·0	2·5	8
9	24·1	3·2	24·0	2·6	24·5	2·6	24·8	2·4	25·3	2·1	24·4	2·2	25·1	2·1	25·1	3·3	9
10	25·0	4·5	25·3	3·3	25·3	3·6	25·0	2·6	26·0	2·9	25·6	2·7	26·0	2·8	25·6	3·8	10
11	26·3	6·1	25·6	3·4	26·0	4·1	25·5	2·9	26·1	2·7	26·1	3·6	26·5	2·5	26·0	4·0	11
Noon	26·9	6·2	26·1	4·2	26·2	3·7	26·7	3·7	25·8	2·7	26·0	3·0	26·0	2·6	26·8	4·3	Noon
13h	26·7	5·6	26·0	3·3	26·9	4·5	26·1	3·6	26·5	3·0	23·1	0·8	25·9	2·4	26·3	3·8	13h
14	26·5	5·2	26·4	3·4	26·0	3·5	26·1	3·4	25·9	2·6	25·0	1·6	24·2	1·7	26·6	3·7	14
15	25·0	3·1	24·4	2·1	23·4	1·4	25·5	2·6	26·0	2·8	26·1	2·3	24·2	1·0	26·1	3·7	15
16	24·3	2·4	22·1	1·0	23·8	1·7	25·6	3·1	25·8	2·4	26·1	3·6	24·4	1·4	26·0	3·4	16
17	23·3	1·4	22·9	1·0	23·7	1·8	24·3	1·9	25·0	1·8	25·2	2·2	24·1	1·2	25·1	3·1	17
18	22·1	0·7	22·3	0·8	23·0	1·1	23·0	1·4	23·7	1·0	24·0	1·8	23·6	1·6	24·0	2·2	18
19	22·2	0·6	21·1	1·0	22·6	1·0	22·9	1·3	23·1	0·8	23·0	1·0	22·6	1·4	23·2	2·1	19
20	22·3	0·7	20·6	0·9	22·1	1·0	22·8	1·1	23·1	1·1	22·2	0·7	22·4	1·5	22·9	1·9	20
21	21·9	1·0	20·1	0·8	22·1	1·0	23·0	1·0	23·0	0·9	22·0	0·9	22·0	1·4	22·6	1·6	21
22	20·8	1·0	20·1	0·8	22·3	0·9	22·5	0·8	22·8	0·8	21·7	1·0	21·8	1·3	22·6	1·6	22
23	20·4	1·4	19·4	0·8	22·0	0·8	22·4	0·8	22·4	0·8	21·0	1·0	21·6	1·5	22·8	1·3	23

TABLE XI. (*Contd.*)—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(*To obtain temperatures on the Absolute Scale add 273*)

MAY 1926

Day / Hour	17d. Air.	17d. Excess of Air over Evap.	18d. Air.	18d. Excess of Air over Evap.	19d. Air.	19d. Excess of Air over Evap.	20d. Air.	20d. Excess of Air over Evap.	21d. Air.	21d. Excess of Air over Evap.	22d. Air.	22d. Excess of Air over Evap.	23d. Air.	23d. Excess of Air over Evap.	24d. Air.	24d. Excess of Air over Evap.	Day / Hour
Midnight	22·6	1·2	23·0	0·9	19·1	1·2	16·9	1·0	16·7	0·8	16·9	0·9	20·5	1·8	21·0	2·0	Midnight
1h	22·9	1·2	22·8	0·9	18·6	1·2	17·4	1·0	16·3	0·6	18·0	1·6	20·4	1·9	21·0	1·7	1h
2	23·0	1·2	22·5	0·9	18·0	1·0	17·2	1·2	16·9	0·9	18·9	1·4	20·3	1·7	20·9	1·4	2
3	22·8	1·3	22·8	0·9	17·5	0·8	16·9	1·1	16·0	1·0	18·5	1·5	20·3	1·7	20·8	1·3	3
4	22·3	0·7	22·5	0·6	17·3	1·0	16·6	0·9	16·3	1·2	17·9	1·0	20·5	1·5	20·7	1·2	4
5	22·0	0·5	22·2	0·5	17·0	0·9	16·0	0·9	16·5	0·9	17·6	1·6	20·7	2·3	20·6	0·7	5
6	22·2	0·6	22·1	0·7	16·8	0·8	15·9	0·9	16·0	1·0	17·0	0·5	21·0	1·5	20·5	0·5	6
7	22·1	0·6	21·7	0·9	16·7	0·2	15·5	0·4	16·0	0·5	17·4	1·1	21·3	2·3	21·1	0·7	7
8	22·6	0·6	22·7	0·7	19·2	0·4	19·5	1·0	20·3	1·3	20·0	1·5	22·0	3·0	21·6	1·0	8
9	23·1	1·0	24·3	1·2	22·7	1·9	22·8	3·3	22·9	3·3	22·6	3·7	23·9	4·2	22·3	1·2	9
10	24·2	1·2	25·8	2·2	24·0	2·9	23·9	3·3	23·9	4·1	22·8	3·0	24·2	4·2	22·6	1·3	10
11	25·4	1·9	26·1	2·9	25·0	3·9	24·6	3·3	24·4	5·5	24·1	4·3	24·6	4·8	22·4	1·5	11
Noon	26·7	2·6	26·0	2·8	25·9	4·5	25·0	4·4	25·0	6·0	24·1	4·3	24·9	4·8	23·0	1·5	Noon
13h	26·8	2·7	25·2	2·8	26·0	5·0	26·1	4·1	24·2	5·1	24·6	5·0	24·9	5·2	23·6	2·6	13h
14	27·2	2·9	25·5	2·9	25·9	5·4	25·6	6·1	24·5	5·2	24·4	5·0	24·9	5·2	23·8	3·3	14
15	27·1	3·0	25·2	3·1	25·3	5·2	25·0	4·7	24·1	6·0	24·0	4·2	24·7	4·7	24·0	4·0	15
16	26·5	2·8	25·8	3·5	24·8	4·7	24·7	4·7	23·8	5·1	23·7	4·3	24·0	4·4	23·8	4·1	16
17	25·7	2·2	24·2	2·9	23·7	3·6	23·0	3·5	22·5	3·8	22·6	3·0	23·3	3·8	22·9	4·1	17
18	24·8	1·5	23·1	3·1	21·9	2·3	21·5	2·5	21·0	2·6	21·0	2·5	22·3	2·8	21·8	2·8	18
19	24·3	1·3	21·9	3·2	20·0	1·9	20·0	1·6	20·0	1·5	20·1	2·0	22·0	2·8	21·7	3·1	19
20	23·2	1·3	21·3	2·7	19·1	1·6	19·1	1·5	19·2	2·2	20·7	1·8	22·0	2·6	22·0	3·0	20
21	23·0	1·0	20·1	1·8	18·4	1·4	18·0	1·1	18·2	1·7	20·6	2·4	21·9	2·3	21·3	2·3	21
22	23·4	1·1	20·2	1·8	17·8	1·2	17·4	1·1	17·4	1·4	20·1	1·8	21·6	2·2	20·6	1·6	22
23	23·3	0·9	19·9	1·8	17·4	1·1	17·1	1·1	17·0	0·7	19·8	1·1	21·3	2·2	20·9	1·9	23

Day / Hour.	25d. Air.	25d. Excess of Air over Evap.	26d. Air.	26d. Excess of Air over Evap.	27d. Air.	27d. Excess of Air over Evap.	28d. Air.	28d. Excess of Air over Evap.	29d. Air.	29d. Excess of Air over Evap.	30d. Air.	30d. Excess of Air over Evap.	31d. Air.	31d. Exces of Air over Evap.	Mean Air.	Mean Excess of Air over Evap.	Day. / Hour
Midnight	21·1	2·1	21·4	0·4	21·3	0·8	21·3	1·8	21·7	3·7	21·9	3·6	21·9	2·6	20·4	1·5	Midnight
1h	21·0	2·3	21·3	0·4	21·6	0·6	21·0	2·0	21·6	3·6	20·7	1·7	21·3	2·3	20·4	1·5	1h
2	20·7	2·1	21·2	0·4	21·8	0·8	20·6	1·7	21·6	3·9	20·9	2·6	21·0	1·1	20·3	1·4	2
3	20·1	1·3	21·6	0·6	21·3	0·6	21·0	1·6	21·7	3·9	20·2	1·5	20·9	0·9	20·1	1·2	3
4	20·0	1·3	21·7	0·7	21·2	0·4	21·0	1·4	21·7	3·7	20·0	1·2	21·0	1·0	19·9	1·1	4
5	19·1	1·1	21·6	0·6	21·0	0·7	21·0	1·5	21·7	4·4	20·5	2·1	21·1	1·0	19·8	1·2	5
6	20·3	1·3	21·7	0·7	20·8	0·7	21·0	1·9	21·6	3·6	20·0	1·5	20·3	0·4	19·7	1·1	6
7	19·9	1·5	21·5	0·9	21·1	0·6	21·6	2·1	21·5	3·7	20·4	1·8	20·6	0·6	19·9	1·1	7
8	22·2	1·9	22·1	0·9	21·3	0·4	22·4	2·4	22·4	3·9	21·8	2·8	21·0	0·5	22·2	1·8	8
9	24·0	2·5	21·9	0·9	22·0	0·6	23·5	3·0	23·1	4·2	22·3	3·1	22·9	1·2	23·6	2·6	9
10	24·9	3·4	22·3	0·9	22·4	0·5	23·4	2·3	23·8	4·7	22·9	3·4	22·8	1·4	24·4	3·2	10
11	24·6	3·1	22·6	1·0	23·0	1·1	22·5	1·4	24·0	4·8	23·4	3·8	23·0	1·7	24·9	3·6	11
Noon	25·8	3·8	21·8	0·8	24·4	2·3	23·6	2·4	24·1	4·7	22·7	3·1	23·0	1·3	25·2	3·7	Noon
13h	26·0	3·8	22·4	0·8	24·9	3·0	23·5	2·5	24·1	4·6	23·3	3·3	23·8	2·3	25·3	3·8	13h
14	25·0	2·9	22·2	0·6	25·0	3·1	24·0	3·5	24·1	4·6	23·4	3·4	22·7	1·1	25·1	3·7	14
15	24·8	2·9	22·0	1·0	25·1	3·1	24·0	4·1	23·6	4·1	23·3	3·5	24·0	2·1	24·7	3·4	15
16	24·0	2·4	22·0	0·5	24·9	3·2	23·6	3·3	23·0	4·0	22·9	3·0	22·8	1·2	24·3	3·2	16
17	22·5	0·9	22·0	0·6	23·7	2·6	22·9	3·3	22·4	3·5	22·7	3·6	22·5	1·1	23·5	2·7	17
18	22·1	0·8	21·4	0·5	22·0	1·5	22·2	3·1	22·0	3·0	22·1	3·0	22·1	1·0	22·4	2·0	18
19	21·7	0·7	21·5	0·5	21·4	0·9	22·0	3·0	22·0	3·9	22·1	2·9	21·8	0·7	21·7	1·8	19
20	21·7	0·8	21·7	0·7	21·8	1·2	22·0	3·5	22·1	4·1	22·2	3·1	21·9	0·9	21·4	1·7	20
21	22·0	0·9	21·7	0·7	22·0	1·4	22·2	3·7	22·1	4·1	22·2	3·2	22·0	1·1	21·2	1·7	21
22	21·7	0·7	21·6	0·9	22·1	2·0	21·9	3·9	22·2	4·2	22·0	3·0	22·2	1·6	20·9	1·6	22
23	21·6	0·6	21·3	0·7	21·7	1·6	21·8	3·7	22·2	4·2	21·4	2·2	22·1	1·3	20·7	1·5	23

TABLE XII.—NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(*The results are increased by* 90 *in order to obviate the necessity for signs. The unit in the table is* 0·1 *metre.*)

MAY 1926.

Day. / Hour.	1d.		2d.		3d.		4d.		5d.		6d.		7d.		8d.		Day. / Hour
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	
Midnight	885	910	886	922	889	917	884	897	889	902	883	911	887	913	889	916	Midnight
1h	890	908	873	927	884	924	882	896	885	903	878	914	888	912	892	911	1h
2	891	921	880	920	890	915	885	897	879	904	887	909	889	917	889	917	2
3	883	917	880	920	889	916	880	900	877	905	888	912	888	918	890	914	3
4	884	916	873	918	889	917	882	900	882	904	889	911	876	916	890	914	4
5	880	920	882	912	889	916	882	900	888	902	892	908	881	913	888	918	5
6	876	924	879	914	886	922	880	900	889	902	883	917	886	910	888	918	6
7	878	922	883	917	890	915	882	900	879	904	881	918	885	915	885	923	7
8	864	936	875	925	888	918	893	900	889	905	874	917	888	912	884	924	8
9	865	953	884	939	888	931	885	885	889	905	875	925	882	918	900	944	9
10	878	954	882	943	889	927	885	877	893	895	875	938	880	920	900	947	10
11	875	959	900	951	900	922	894	872	895	877	872	941	876	926	900	946	11
Noon	878	953	891	945	905	924	889	872	895	877	885	937	873	941	911	954	Noon
13h	878	954	884	939	878	914	882	855	905	874	883	941	882	944	908	941	13h
14	878	953	891	944	881	871	887	868	926	900	886	934	887	933	884	940	14
15	878	952	891	943	886	864	872	858	930	906	888	931	884	939	900	954	15
16	882	945	891	943	900	881	878	867	918	908	879	932	887	933	900	940	16
17	887	934	892	940	903	884	888	919	897	916	871	929	882	927	897	914	17
18	888	931	889	928	901	894	898	909	886	914	880	920	890	915	889	928	18
19	885	924	885	923	901	893	900	913	876	916	879	921	894	908	888	931	19
20	892	911	883	925	902	891	900	911	885	915	882	918	894	908	887	934	20
21	890	914	875	925	902	889	894	914	870	920	886	914	888	919	892	920	21
22	886	921	882	918	882	896	892	910	876	916	887	913	892	910	890	925	22
23	883	925	881	918	884	897	891	912	894	904	886	914	888	919	883	926	23

Day. / Hour.	9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	N.	E.	N.	E.	
Midnight	887	920	882	927	896	909	894	914	897	914	903	907	883	900	900	920	Midnight
1h	890	915	887	933	904	920	889	927	896	920	903	907	892	908	900	926	1h
2	888	912	885	938	900	913	892	919	895	924	904	909	902	908	900	924	2
3	884	916	893	936	900	911	892	919	909	909	920	904	902	908	900	920	3
4	879	921	889	929	897	907	894	914	907	916	892	910	900	917	900	919	4
5	882	918	887	932	897	906	890	915	900	916	885	897	895	911	900	918	5
6	883	917	893	916	894	914	893	909	900	925	888	900	895	911	905	922	6
7	892	911	894	913	892	908	900	918	900	923	892	900	896	910	904	921	7
8	888	919	896	909	896	904	895	924	905	925	894	900	893	917	906	928	8
9	887	933	896	910	887	913	900	925	922	932	889	900	886	934	909	942	9
10	886	936	912	912	892	920	907	935	923	934	887	900	900	932	919	947	10
11	889	928	908	908	890	923	906	928	924	936	892	892	913	932	917	942	11
Noon	893	932	900	914	895	926	908	938	920	930	881	908	914	935	929	943	Noon
13h	887	934	881	872	881	928	909	943	920	930	892	910	917	942	923	935	13h
14	885	937	895	875	894	904	916	939	918	927	894	906	914	935	925	937	14
15	889	929	896	920	883	889	907	934	919	929	912	888	907	936	925	937	15
16	887	933	888	900	905	911	907	936	911	928	896	882	900	938	919	929	16
17	889	917	900	906	903	913	900	923	904	921	898	891	892	940	914	922	17
18	887	920	900	912	903	913	892	918	902	912	898	890	895	925	908	918	18
19	893	891	897	916	900	910	894	915	903	916	897	887	894	929	904	918	19
20	885	897	897	916	897	916	892	920	904	925	899	893	894	930	903	916	20
21	879	921	898	912	893	916	893	917	904	918	893	885	894	929	904	918	21
22	869	931	898	911	896	910	895	912	907	909	882	900	895	923	903	917	22
23	873	927	897	913	893	915	893	917	907	909	882	900	894	928	905	922	23

TABLE XII.—(*Contd.*) NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(*The results are increased by* 90 *in order to obviate the necessity for signs. The unit in the table is* 0·1 *metre.*)

MAY 1926.

Day. / Hour.	17d.		18d.		19d.		20d		21d.		22d.		23d.		24d.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	907	916	904	894	891	907	881	912	891	907	882	908	885	924	887	933	Midnight
1h	916	924	904	894	887	909	885	910	886	910	877	910	886	921	895	924	1h
2	908	918	903	895	891	907	885	910	889	908	874	911	890	923	885	938	2
3	913	913	906	900	894	904	879	914	890	908	875	910	892	920	880	930	3
4	931	912	896	880	886	910	887	909	877	915	883	911	904	921	886	935	4
5	933	913	896	894	890	908	890	907	883	911	881	912	895	924	892	939	5
6	914	910	897	895	891	907	889	908	885	910	889	902	886	934	890	924	6
7	912	900	897	895	888	909	886	910	873	918	880	904	893	934	883	942	7
8	924	900	897	895	894	904	890	907	895	903	881	913	878	954	887	963	8
9	922	900	895	893	894	902	895	903	864	924	872	928	878	954	888	957	9
10	940	900	898	892	890	900	891	907	869	931	879	921	877	956	879	950	10
11	947	900	900	883	897	883	892	880	863	937	854	946	869	975	900	963	11
Noon	945	900	902	889	892	881	886	900	863	925	862	957	886	973	900	966	Noon
13h	944	891	908	910	887	866	895	876	856	929	855	945	871	969	900	971	13h
14	953	889	897	916	868	868	881	913	859	928	851	949	871	969	888	961	14
15	948	880	897	908	859	859	881	912	854	931	859	941	873	965	900	969	15
16	934	893	896	910	873	873	867	922	868	921	869	946	879	952	891	944	16
17	925	900	892	911	874	874	871	919	866	923	875	925	879	952	890	947	17
18	910	900	880	920	890	890	878	914	868	913	872	919	887	934	889	928	18
19	916	900	879	909	876	900	890	908	883	903	885	910	885	938	886	936	19
20	907	899	881	908	887	900	892	906	877	910	886	914	882	945	879	932	20
21	912	898	884	907	884	900	893	904	882	908	873	911	884	939	886	935	21
22	904	890	888	909	879	904	888	909	886	906	871	919	891	942	889	928	22
23	903	894	890	907	887	909	892	906	876	915	873	918	887	934	890	924	23

Day. / Hour	25d.		26d.		27d.		28d.		29d.		30d.		31d.		Mean.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	889	929	887	932	894	915	884	907	859	961	888	959	894	931	889	917	Midnight
1h	888	930	886	935	896	920	881	912	865	953	889	956	895	925	889	919	1h
2	890	923	894	928	897	916	887	913	858	963	889	954	887	933	890	919	2
3	890	924	889	927	900	931	887	913	863	957	890	951	889	928	891	918	3
4	892	911	884	940	896	918	885	915	861	959	891	943	887	934	889	918	4
5	893	909	883	942	890	914	873	918	875	959	889	952	885	938	889	918	5
6	890	914	877	935	890	914	878	914	871	969	890	947	886	934	888	917	6
7	891	913	876	936	888	918	877	923	872	967	891	944	886	936	888	918	7
8	893	910	886	936	883	925	873	932	866	982	891	944	886	935	889	921	8
9	885	915	883	941	889	916	866	952	871	971	900	956	900	936	889	927	9
10	883	925	876	936	896	904	865	953	865	985	900	965	910	947	891	929	10
11	885	938	883	942	894	906	864	955	852	990	900	968	900	950	892	929	11
Noon	885	923	885	937	891	912	858	962	867	979	900	949	891	943	893	930	Noon
13h	887	932	889	928	894	927	859	961	880	999	889	952	909	944	891	928	13
14	892	940	878	932	894	929	856	967	881	993	900	951	900	940	891	927	13
15	889	929	879	932	892	938	853	970	885	975	900	949	908	941	892	926	14
16	885	923	883	926	883	925	860	960	885	977	900	936	900	947	891	925	15
17	896	910	887	933	884	916	851	973	888	960	892	941	883	942	889	923	16
18	893	915	895	923	887	913	864	954	887	964	892	940	891	942	890	920	17
19	892	908	889	928	889	911	865	952	888	960	891	943	892	938	890	918	18
20	887	913	882	927	894	906	861	959	888	957	900	945	888	930	890	918	19
21	892	908	886	922	889	911	867	950	885	976	893	936	892	937	889	918	20
22	889	911	891	913	884	907	865	953	885	977	893	932	891	944	888	918	21
23	887	913	889	916	885	903	863	956	900	961	892	937	900	935	889	919	22

TABLE XIII.—DIRECTION and VELOCITY of the WIND at every HOUR of the DAY as recorded by the ROBINSON CUP ANEMOMETER, during MAY 1926.

The directions are given in points and the values indicate the direction from which the wind blows counting from South (0), West (8), North (16) and East (24).

The Velocities are given in Metres per second, using the factor 2·2.

*(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk *).*

MAY 1926.

Hour \ Day	1d.		2d.		3d. *		4d. *		5d. *		6d.		7d.		8d.		9d. *		10d. *		11d. *		12d.		13d.		14d. *		15d. *		16d.	
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Midnight	29	1·8	27	2·6	27	2·0	1	1·6	31	1·1	29	2·0	28	1·8	27	1·9	27	2·4	27	3·3	26	1·0	26	1·5	25	1·4	22	0·8	0	1·7	24	2·0
1h	29	1·3	28	3·8	27	2·9	1	1·8	31	1·5	29	2·6	28	1·7	27	1·4	27	1·8	26	3·5	23	2·0	26	2·9	25	2·0	22	0·8	28	1·2	24	2·6
2	26	2·3	28	2·9	27	1·8	1	1·5	31	2·2	29	1·6	27	2·0	27	2·0	28	1·7	26	4·1	24	1·3	26	2·1	25	2·5	22	1·0	23	0·8	24	2·4
3	28	2·4	28	2·9	27	1·9	0	2·0	31	2·4	28	1·7	27	2·1	27	1·7	28	2·3	25	3·7	24	1·1	26	2·1	20	1·3	17	2·0	23	0·8	24	2·0
4	28	2·3	29	3·3	27	2·0	0	1·8	31	1·8	28	1·6	29	2·9	27	1·7	28	3·0	26	3·1	26	0·8	26	1·5	22	1·8	27	1·3	24	1·7	24	1·9
5	28	2·9	29	2·1	27	1·9	0	1·8	31	1·2	28	1·2	29	2·3	27	2·1	28	2·5	26	3·4	26	0·7	27	1·8	24	1·6	d 1	1·5	26	1·2	24	1·8
6	28	3·4	29	2·5	27	2·6	0	2·0	31	1·1	28	2·4	29	1·7	27	2·1	28	2·4	26	1·8	26	1·5	27	1·1	24	2·5	0	1·2	26	1·2	23	2·3
7	28	3·2	28	2·4	27	1·8	0	1·8	31	2·2	29	2·3	28	2·1	27	2·7	27	1·4	26	1·4	28	1·1	24	1·8	24	2·3	0	0·8	26	1·1	23	2·2
8	28	5·2	28	3·6	27	2·1	0	0·7	30	1·2	29	3·1	28	1·7	26	2·9	27	2·2	26	1·0	28	0·6	25	2·5	23	2·6	0	0·6	26	1·9	23	2·9
9	27	6·4	26	4·2	26	3·3	4	2·2	30	1·2	28	3·5	28	2·5	24	4·4	26	3·5	26	1·1	28	1·9	24	2·5	21	3·9	0	1·1	26	3·7	23	4·3
10	26	5·9	26	4·7	26	2·9	5	2·7	d 3	0·9	27	4·6	28	2·9	24	4·7	26	3·9	20	1·7	26	2·2	23	3·6	21	4·1	0	1·3	24	3·2	22	5·1
11	26	6·4	24	5·1	24	2·2	7	2·9	7	2·4	27	5·0	27	4·4	24	4·6	26	3·0	20	1·2	26	2·5	23	2·9	21	4·4	4	1·1	22	3·4	22	4·5
Noon	26	5·8	25	4·6	23	2·5	6	3·0	7	2·4	26	4·0	27	4·9	23	5·5	25	3·3	24	1·4	25	2·7	23	3·9	21	3·6	r 30	2·1	22	3·8	21	5·2
13h	26	5·9	26	4·2	29	2·6	6	4·9	9	2·7	26	4·4	26	4·8	23	4·2	26	3·6	d 5	3·4	27	3·4	23	4·4	21	3·6	27	1·3	22	4·5	21	4·2
14	26	5·8	25	4·5	d 5	3·5	6	3·4	d 16	2·6	26	3·7	26	3·5	26	4·3	26	4·0	7	2·6	29	0·7	22	4·2	21	3·2	28	0·8	22	3·8	21	4·5
15	26	5·7	25	4·4	6	3·9	5	5·1	17	3·1	26	3·3	26	4·2	24	5·4	26	3·1	d 25	2·0	d 3	2·0	23	3·5	21	3·5	12	1·7	23	3·7	21	4·5
16	26	4·9	25	4·4	8	1·9	5	4·0	18	2·0	27	3·8	26	3·5	24	4·0	26	3·5	r 0	1·2	d 22	1·2	23	3·7	22	3·0	r 7	1·8	24	3·8	21	3·5
17	26	3·6	25	4·1	9	1·6	r 27	2·2	25	1·6	28	4·1	27	3·2	25	1·4	27	2·0	r 24	0·6	23	1·3	24	2·3	23	2·2	7	0·9	25	4·1	21	2·6
18	26	3·3	26	3·0	9	0·6	25	0·9	28	2·0	28	2·8	27	1·8	26	3·0	27	2·4	24	1·2	23	1·3	26	2·0	23	1·2	7	1·0	25	2·6	22	2·0
19	27	2·8	27	2·7	9	0·7	24	1·3	29	2·9	28	3·0	27	1·0	26	3·3	d 5	1·1	25	1·6	24	1·0	26	1·6	23	1·6	7	1·3	25	3·0	23	1·8
20	27	1·4	27	3·0	9	0·9	24	1·1	28	2·1	28	2·5	27	1·0	26	3·6	1	1·5	25	1·6	25	1·6	26	2·2	23	2·0	7	0·7	25	3·1	23	1·6
21	27	1·7	28	3·5	9	1·1	26	1·5	29	3·6	28	2·0	27	2·2	26	2·2	r 28	3·0	25	1·2	26	1·8	26	1·9	23	1·8	6	1·7	25	3·0	23	1·8
22	27	2·5	28	2·6	1	1·8	27	1·3	29	2·9	28	1·8	27	1·3	26	2·7	28	4·4	25	1·1	26	1·1	26	1·3	21	1·1	0	1·8	25	2·4	23	1·7
23	27	3·0	28	2·6	1	1·6	27	1·5	29	0·7	28	2·0	27	2·2	27	3·1	28	3·9	25	1·3	26	1·7	26	1·9	21	1·1	0	1·8	25	2·9	23	2·3

Hour \ Day	17d. *		18d. *		19d. *		20d. *		21d.		22d.		23d.		24d.		25d.		26d.		27d.		28d.		29d.		30d.		31		Mean
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocity
Midnight	22	1·8	11	0·7	29	1·1	29	2·2	29	1·1	30	2·0	27	2·8	26	3·5	26	3·1	26	3·4	26	1·6	30	1·8	27	7·3	25	6·0	25	3·2	2·3
1h	21	2·9	11	0·7	29	1·6	29	1·8	29	1·7	30	2·5	27	2·5	25	2·5	26	3·2	26	3·8	25	2·0	29	2·2	27	6·4	25	5·7	25	2·6	2·4
2	22	2·0	11	0·6	29	1·1	29	1·8	29	1·4	30	2·8	26	2·5	26	4·1	26	2·5	25	2·9	25	1·6	28	1·9	27	7·6	25	5·5	26	3·5	2·4
3	20	1·8	16	0·6	29	0·7	29	2·5	29	1·3	30	2·7	26	2·2	27	3·6	26	2·6	26	2·9	24	3·1	28	1·9	27	6·8	25	5·2	26	3·0	2·4
4	18	3·3	r 7	2·0	29	1·7	29	1·6	29	2·7	29	2·0	23	2·1	26	3·8	27	1·4	26	4·3	25	1·8	28	2·2	27	7·1	25	4·4	26	3·6	2·5
5	18	3·5	5	0·7	29	1·3	29	1·2	29	2·0	29	2·2	25	2·5	25	4·0	27	1·1	26	4·5	27	1·7	29	3·3	26	6·4	25	5·3	26	4·1	2·4
6	19	1·7	5	0·6	29	1·1	29	1·4	29	1·8	31	1·1	26	3·7	26	2·6	27	1·7	27	4·2	27	1·7	29	2·6	26	7·5	25	4·8	26	3·7	2·3
7	16	1·2	5	0·6	29	1·5	29	1·7	29	3·3	31	2·0	25	3·5	26	4·5	27	1·6	27	4·4	27	2·1	28	3·3	26	7·3	25	4·5	26	3·9	2·5
8	16	2·4	5	0·6	29	0·7	29	1·2	29	0·6	29	2·3	26	5·9	25	6·4	27	1·2	26	3·9	27	3·0	27	3·9	26	8·9	25	4·5	26	3·8	2·7
9	16	2·2	5	0·9	30	0·6	29	0·6	29	4·3	28	4·0	26	5·9	25	5·8	28	2·2	26	4·4	27	1·9	27	6·2	26	7·7	24	5·6	24	3·6	3·4
10	16	4·0	7	0·8	d 0	1·0	29	1·1	28	4·4	28	3·0	26	6·1	26	5·4	27	3·0	27	4·3	28	0·6	27	6·4	26	9·2	24	6·5	23	4·8	3·7
11	16	4·7	8	1·7	7	1·7	d 6	2·2	28	5·3	28	6·6	26	8·1	24	6·3	26	4·1	26	4·5	28	0·9	27	6·6	26	9·8	24	6·8	24	5·0	4·2
Noon	16	4·5	d 9	1·1	6	2·1	0	1·4	29	4·5	27	6·9	25	7·4	24	6·6	27	2·7	26	4·0	27	1·5	27	7·5	26	8·6	24	4·9	25	4·4	4·1
13h	15	4·5	21	1·3	6	3·6	r 7	2·5	29	5·3	28	6·4	26	7·5	24	7·1	26	3·4	26	3·0	25	2·8	27	7·3	25	10·1	25	5·3	23	4·5	4·4
14	15	5·4	25	1·6	4	4·5	29	2·3	29	5·0	28	7·0	26	7·5	25	6·2	25	4·1	27	3·9	25	3·0	27	8·0	25	9·5	24	5·1	24	4·0	4·3
15	14	5·2	26	0·9	4	5·9	29	2·2	29	5·6	28	5·9	26	7·0	24	6·9	26	3·1	27	3·8	25	3·9	27	8·4	25	7·6	24	4·9	23	4·2	4·3
16	15	3·5	26	1·1	4	3·9	29	4·0	29	3·8	27	5·6	26	5·6	25	4·5	27	2·7	27	3·1	27	3·0	27	7·2	25	7·9	24	3·6	24	4·7	3·7
17	16	2·5	27	1·4	4	3·7	29	3·5	29	4·1	28	3·6	26	5·6	25	4·8	26	1·1	26	3·5	28	2·3	27	8·8	25	6·1	25	4·2	26	4·5	3·1
18	16	1·0	28	2·8	4	1·4	29	2·6	30	3·4	29	3·4	26	3·6	26	3·0	26	1·7	25	2·4	28	1·8	27	6·5	25	6·5	25	4·1	25	4·3	2·6
19	16	1·6	30	2·3	0	2·4	29	1·3	31	1·7	29	1·8	26	4·1	26	3·9	28	1·2	26	3·0	28	1·6	27	6·3	25	6·1	25	4·4	25	3·9	2·5
20	15	0·7	30	2·1	0	1·3	29	1·0	30	2·5	28	2·0	26	4·9	27	3·8	28	1·8	27	3·3	28	0·8	27	7·1	25	5·8	24	4·5	26	3·2	2·4
21	15	1·2	30	1·8	0	1·6	29	0·8	30	2·0	30	2·9	26	4·2	26	3·8	28	1·2	27	2·6	28	1·5	27	6·0	25	7·7	25	3·7	25	3·8	2·5
22	10	1·1	29	1·5	r 31	2·2	29	1·5	30	1·5	29	3·5	25	4·3	26	3·0	28	1·6	27	1·6	30	1·8	27	6·4	25	7·8	25	3·3	25	4·5	2·5
23	10	0·7	29	1·2	29	1·6	29	1·0	29	2·8	29	3·3	26	3·6	26	2·6	28	1·8	27	1·9	31	1·5	27	6·7	24	6·1	25	3·8	24	3·5	2·4

d = direct r = retrograde.

TABLE XIV.—RAINFALL at every HOUR of the DAY at the ROYAL ALFRED OBSERVATORY MAURITIUS for MAY 1926.

Hour Ending \ Day	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
1h	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·1	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	0·2	...	...	...	...	...	...	...	0·8	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	0·2	...	...	...	...	...	...	...	0·3	...	...	...	...	0·2
4	...	...	...	...	...	...	...	...	...	...	0·2	...	0·4	3·2	0·2	...	1·8	13·1	...	...	...	...	...	...	...	...	...	...	...	0·7	0·2
5	...	...	...	...	...	...	...	...	...	...	...	...	1·0	1·5	...	...	3·1	6·0	...	...	...	...	...	...	...	0·4	...	...	...	...	0·2
6	...	...	...	...	...	...	...	...	...	...	...	...	...	0·8	...	1·2	3·0	...	...	...	...	...	0·1	2·7	...	0·7	...	...	...	0·2	1·8
7	...	...	...	...	...	...	...	...	...	...	0·2	0·3	0·4	...	...	...	1·0	...	...	...	...	...	...	0·2	...	0·3	...	...	0·1	0·2	...
8	...	...	...	...	...	...	...	...	...	...	...	0·8	...	...	...	0·4	4·8	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·2	...	...	...	...	...	...	0·2	...	0·4	...	...	...	...	3·0
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·8	...	0·2	0·3	...	...	...	...
Noon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·8	...	...	...	...	0·2
13h	...	...	...	...	...	...	...	...	...	...	...	...	...	17·0	...	...	...	...	...	...	...	...	...	0·2	...	3·0	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	1·5	2·5	...	...	...	...	...	...	...	...	...	...	2·8	...	...	...	...	0·3
15	...	...	...	...	...	...	...	...	...	...	5·0	...	...	...	6·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	0·4	...	20·0	37·8	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	1·0
17	...	...	...	...	...	...	...	0·2	0·3	5·0	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...
18	...	...	...	...	...	...	...	...	19·7	...	...	...	0·7	...	...	...	...	...	...	...	...	...	...	...	0·2	0·2	...	...	...	...	...
19	...	...	...	...	...	...	...	...	0·9	...	...	...	0·2	...	...	...	...	...	...	...	...	0·1	...	...	...	0·3	...	...	...	...	1·2
20	...	...	...	...	...	...	...	...	0·8	...	...	...	...	...	...	...	0·5	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...
21	...	...	...	...	...	...	...	0·3	0·3	...	...	2·3	...	...	...	...	...	...	...	...	...	...	...	...	0·9	0·3	...	...	...	...	...
22	...	...	...	...	...	...	...	...	3·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	0·3
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·8	...	...	...	...	...	...

TABLE XV.—TOTAL MONTHLY RAINFALL at VARIOUS STATIONS in MAURITIUS, grouped according to the RIVER SYSTEMS as indicated on the CHART for the MONTH of MAY 1926.

River System.	Register Number	Station	Approximate Altitude feet.	Total fall in inches.	Total fall in mill.	Normal in mill.	Number of days.
1	2	St. Antoine	50	8·15	207·0	92·5	15
	3	Belmont	50	7·10	180·3	80·8	18
	4	Poudre d'Or	20	8·38	212·8	78·2	19
	5	Mon Loisir (R.)§ ...	300	...	...	...	...
	6	Mon Loisir S. E.§ ...	300	...	...	...	...
	7	Forbach§	300	...	...	...	...
	8	Labourdonnais§ ...	290	...	...	...	...
	9	Beau Séjour	300	7·44	189·0	151·1	18
	10	Mont Piton	360	6·56	166·6	129·0	18
	11	Mon Choix	700	7·03	178·6	119·0	15
	12	Antoinette	640	10·07	255·8	152·1	14
	13	California§	850	...	...	...	...
	14	Nouvelle Découverte ...	1,400	8·95	227·3	142·2	16
	15	Mon Songe	620	8·02	203·7	149·1	12
	16	La Grande Rosalie§ ...	643	...	...	...	...
	17	The Mount§	325	...	...	...	...
	18	Botanic Gardens ..	325	5·90	149·9	108·2	18
	19	The Observatory ...	179	8.22	205.6	83·1	20
	20	Solitude§	175	...	...	...	...
	21	St. André	90	7·03	178·6	87·4	12
	22	Belle Vue Harel§ ...	350	...	...	...	...
	23	Mont Choisy§	10	...	..	...	...
	25	Esperance (Trebuchet)§	165	...	...	...	...
	28	Mon Rocher§	...	...	...	...	...
	45	Roche Bois Station§ ...	44	..	...	...	...
	46	Riche Terre Station§ ...	106	...	...	...	...
	47	Terre Rouge Station§ ..	137	...	...	...	...
	48	Mapou Station* ...	296	1·62	41·1	...	7
	49	Poudre d'Or Station§ ...	772	...	...	...	...
	50	Rivière du Rempart§ ...	134	...	...	...	..
2 & 8	1	Union Régnard S.E. ...	600	8·65	219·7	184·4	15
	2	Constance d'Arifat L.G.	100	7·67	194·8	140·7	14
	3	St. Julien Church§ ...	1,050	...	...	...	...
	4	Riche Fund	600	8·64	219·5	197·6	17
	5	Constance (Manès)§ ...	..	...	...	...	...
	6	Queen Victoria§ ...	.	...	...	...	...
	7	Belle Mare§	...	...	...	...	...
	8	Bel Etang (Lesur)§ ...	...	...	...	...	...
	9	Belle Vue (Allendy)*	...	10·16	258·1	...	11
	10	St. Julien E(K. Reetoo)§	...	...	...	...	...
4	1	Sans Souci§	900	...	...	...	...
	2	Etoile§	400	...	...	...	...
	3	Beau Champ	20	10·63	270·0	104·9	12
	4	Belle Rive§	400	...	...	...	...
	5	Olivia	400	18·75	476·5	182·4	16
	6	Deep River§	350	...	...	...	...
	7	Belle Rose Estate§ ...	...	...	...	...	...
	8	Melrose§	...	...	...	...	...
	9	Bonne Veine*	...	12·02	305·3	...	25
5	1	Rose Belle§	850	...	...	...	...
	2	Riche-en-Eau§	460	...	...	...	...
	3	Ferney§	20	...	...	...	. .
	4	Beau Vallon§	60	...	...	..	...
	5	Union Vale§	200	...	...	....	...
5 cont.	6	Mon Désert (Carié)§ ...	75	..	...	...	...
	7	Cluny§	1,000	...	...	...	...
	8	Union Park§	...	...	...	...	...
	9	Sauveterre Estate§ ...	...	...	...	...	...
	10	Bananes Estate§ ...	...	...	...	...	...
6	1	Kanaka	2,000	10·70	271·8	361·7	19
	2	Tivoli§	1,300	.	...	...	...
	3	La Flora§	1,050	...	...	...	...
	4	Britannia	730	9·41	239·0	259 8	19
	5	Savannah (Mill)§ ...	200	..	...	...	...
	6	St. Aubin§	300	...	...	...	...
	7	Union B.A.St.Félix S.E.§	90	...	...	...	...
	8	Beau Bois§	350	...	...		...
	9	St. Avold*	900	10 03	254·8	..	18
	10	Terracine§	100	...	...	...	...
	11	St. Félix S·E.§	...	...	...	...	...
	12	Bel Air§	..	...	...	...	...
	13	Chamouny§	...	...	...	...	...
	14	Union S. E.*	...	6·41	162·8	...	13
	15	Fontenelle*	...	7·40	188·0	...	14
	16	Combo§	...	...	...	...	...
	17	St. Felix (Wilson)§ ...	...	...	...	...	...
	18	Choisy Estate§	...	...	..	...	...
7, 8 & 9	1	Bel Ombre	40	7·00	177·8	157·0	18
	3	Beau Champ*	...	5·00	127·0	..	12
	4	Board*	...	4·48	113·8	...	12
	12	Tamarin Station§ ...	155	...	...	...	...
	13	Médine Station§ ...	184	...	...	...	...
	14	Albion Station§ ...	72	...	...	...	...
10		No returns	...	...	...	...	...
11	1	Les Gorges§	...	...	...	...	...
	2	Curepipe Gardens ..	1,840	10·78	273·8	205·5	29
	3	Mare aux Vacoas ...	1,850	12·80	325·1	316·7	21
	4	La Marie Filter Bed ...	1,700	8·29	210·6	162·8	24
	5	Réunion§	1,420	...	...	..	...
12	1	The Manse	850	4·08	103 6	68·3	18
	2	The Bower§	1,080	...	...	...	...
	3	Le Réduit (D. of A.)§...	1,000	...	...	...	...
	4	Alma	1,460	10·44	265·2	226·6	15
	5	Bagatelle§	1,250	...	...	...	...
	6	Highlands*	1,300	5·72	154·3	...	18
	7	Trianon	950	5.15	130·8	95·2	18
	8	Salency§	923	...	...	...	...
	9	La Ferme*	350	3·63	92·2	...	10
	10	Bon Air§	1,050	...	...	...	...
	11	Val Ory	1,100	5·84	148·3	94·2	20
	12	Ebène§	...	...	...	...	...
	13	Mon Rêve§	...	...	...	...	...
	14	Bassin§	...	...	...	...	...
	15	Hermitage§	...	...	...	.	...
	16	Côte d'Or	...	8·85	224·8	...	14
	17	Mon Repos§	..	...	.	...	...
13	1	The Albion Dock§ ...	18	...	...	...	...
	2	Institute*	...	2·36	60 0	...	5

*Normals not available. §Record not Received.

TABLE XVI.—OBSERVATIONS of the DIRECTION and VELOCITY of CLOUDS made at the AEROLOGICAL STATION VACOAS 424·5 metres above SEA LEVEL during the month of MAY 1926.

Day \ Type	Time	Scud		Cumulus Cu. st. &c.		Alto cu: Alto st:		Cirro Cumulus		Cirro Stratus		Cirrus		Time	Scud		Cum: Cu. st. &c.		Alto Cum Alto St:		Cirro Cum		Cirro Stratus		Cirrus	
		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dr.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height
	h		°		°		°		°		°			h		°		°		°		°		°		°
1	9¾	285	0·7	285	0·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	..	...	..	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	.	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	10h	...	...	360	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
6	12h		...	300	0·6	...	...	...	...	...	...	..	...	...	...	...	...	..	...	...	...	...	...	...	...	..
7	10h	...	...	285	0·4	...	...	...	...	...	...	...	...	12h	...	...	330	0·3	...	...	..	...	..	...	...	...
8	9¾	...	...	255	1·0	...	...	...	...	...	...	...	...	14¾	...	...	260	0·6	..	...	...	...	...	...	..	...
9	13h	...	...	...	...	...	...	...	...	...	...	105	0·2	14¼	...	..	270	0·4	...	...	...	...	.	...	...	...
10	10h	...	...	300	0·4	...	...	...	...	...	...	...	..	...	...	...	..	...	...	...	...	...	...	...	...	...
11	10h	..	...	300	0·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...
12	11¾	...	...	260	0·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	9¾	270	0·6	270	0·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	...
15	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...	...	...
16	12h	...	...	235	1·0	...	...	...	...	...	...	...	...	14¾	...	...	240	0·6	...	...	...	...	...	...	...	..
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
18	9¾	...	...	60	0·6	...	...	...	...	120	0·3	...	...	...	...	...	...	...	...	...	...	..	...	...	...	..
19	12½	45	0·4	60	0·2	...	...	...	...	...	...	...	...	14¾	...	...	30	0·4	...	...	...	...	...	...	...	...
20	11¾	...	...	50	0.6	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...
21	10h	...	...	30	0·7	...	...	..	...	130	0·2	...	...	12½	...	...	30	0.7	...	...	...	...	...	...	180	0·1
22	9¾	...	...	300	0·5	...	...	...	...	...	...	...	...	14¾	...	...	315	0·4	...	...	.	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	.
24	10h	285	1·3	285	1·1	...	...	...	...	...	...	...	...	15¼	290	1·1	295	0·7	...	...	...	...	150	0·3	...	...
25	9¾	285	0·6	285	0·5	210	0·3	...	...	..	...	...	...	12½	...	...	240	0·5	...	...	...	...	225	0·1	..	
26	...	..	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...	..	...	...	..	...
27	...	..	...	...	...	...	...	...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...	...	...	...
28	10h	310	2·0	300	1·1	...	...	...	...	150	0·4	...	...	14¾	...	...	300	0·9	...	...	...	...	120	0·4	...	...
29	10h	...	...	255	0·2	...	...	...	...	195	0·1	...	...	12½	280	1 6	280	0·9	210	0·2	...	..	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...
31	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	

The Direction is that from which the Cloud travels, counting South (0°); West (90°); North (180°). The Velocity-Height-Ratio is given in milliradians per sec.

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NEW SERIES (MONTHLY). VOL. XII. PART 6 PRICE R. 0.75

ROYAL ALFRED OBSERVATORY, MAURITIUS.

(LATITUDE 20°5′·39 S.—LONGITUDE 3h 50m 12s·6 E.)

RESULTS

OF

MAGNETICAL AND METEOROLOGICAL OBSERVATIONS

FOR THE MONTH OF

JUNE 1926

M. KŒNIG, A.INST.P.

ACTING DIRECTOR.

Published by Authority of His Excellency the Governor

PORT LOUIS

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TABLE I.—RESULTS of MAGNETICAL OBSERVATIONS made during the MONTH of JUNE 1926

Month and Day. 1926	Mean Declination (West)	Mean Horizontal Force. (C.G.S. Units.)	Mean Vertical Force. (C.G.S. Units.)	Daily Range of.† Declination.	Horizontal Force	Vertical Force.
	° ′				Unit 1 γ	
1	11·19·4	·22879	·29873	5·5	114	19
2	17·9	812	874	11·0	59	24
3	19·0	837	874	4·3	48	18
4	19·0	852	872	4·0	45	14
5	19·0	846	867	5·5	30	24
6	19·4	855	863	5·7	29	29
7	18·7	848	863	6·5	71	24
8	19·0	837	863	5·6	57	22
9	19·1	845	858	6·3	45	32
10	18·7	851	855	4·5	46	29
11	19·1	862	856	4·8	30	19
12	19·2	868	856	3·7	20	18
13	19·7	868	856	4·5	43	14
14	19·1	865	858	3·5	26	15
15	18·9	876	857	5·1	39	26
16	18.7	868	864	3·8	39	18
17	19·2	872	866	4·4	32	17
18	18·8	871	866	4·7	34	19
19	19·4	869	871	4·5	26	14
20	19·7	872	869	5·6	27	26
21	19·8	873	874	4·3	19	20
22	19·7	873	872	6·4	22	30
23	19·4	875	872	5·7	51	30
24	19·3	879	876	2·9	60	16
25	19·8	872	878	5·2	18	24
26	18·9	875	875	4·4	26	29
27	19·8	877	877	4·7	19	21
28	19·5	884	874	3·9	27	20
29	19·5	865	876	2·6	55	12
30	19·4	862	876	5·6	28	22
31	...	...	...	...	...	...
Mean	11·19·20	·22863	·29868	4·97	39·5	21·5

Description of the Principal Magnetic Disturbances.

The following notes give a brief description of the principal magnetic disturbances The movements in Horizontal Force and Vertical force are expressed in G.G.S. units.

The term "wave" indicates a movement in one direction and return; "double wave," a movement in one direction and return with continuation in the opposite direction and return; "fluctuations," a number of movements in both directions.

The extent and direction of the movement are indicated in brackets, + denotes an increase and—denotes a decrease of the Magnetic Element; ± denotes positive and negative movements of approximately equal extent.

$1^d.\ 15^h.\ 10^m.$—Abrupt increase in H.F. (—20γ) with max at $15^h.\ 45^m.$, then, slow decrease till $19^h.\ 15^m$ (—110γ), followed by a train of long smooth waves (20γ) of two hours period approximately till $2^d.\ 14^h.$

In Declination increase of 2′ at $1^d.\ 18^h.\ 40^m.$ At $2^d.\ 0^h.\ 40^m.$ train of smooth waves (3′) till $8^h.$

In V.F., sharp increase (10γ) at $1^d.\ 15^h.\ 10^m.$ followed by irregular small waves till $2^d.\ 14^h.$

$7^d.\ 16^h.$—Long smooth negative wave in H.F. with minimum at $2^h.\ 30^m.$ (—60γ) followed by irregular smooth waves (20γ) till $8^d.\ 2^h.$

$24^d.\ 4^h.$ to $18^h.$—Decrease in H.F. (50γ) with superposed slight fluctuations.

T=0·37614: Mean Dip=θ=52°.34′·06. (X=·22418: Y=—·04488: Z=·29868).

† The daily range is the difference between the greatest and least hourly values.

TABLE II.—RESULTS of ABSOLUTE DETERMINATIONS of the MAGNETIC ELEMENTS during the MONTH of JUNE 1926

Declination (West).		Horizontal Force (C.G.S. Unit)		Dip (South).					
				A.M. Observations.		Resulting Vertical Force. C. G. S. Units.	P. M. Observations.		Resulting Vertical Force C.G.S. Units
Day and Hour.	Observed Value.	Day and Hour.	Observed Value.	Day and Hour.	Observed Value.		Day and Hour.	Observed Value.	
d h m	° ′	d h m		d h m	° ′		d h m	° ′	
JUNE 4. 9.44	11.21·30	JUNE 7. 9.30	·22868	JUNE 4. 9·26	52.32·66	·29880	JUNE 4.12.54	52.30.12	·29851
.12.36	11.18·85	·13·50	·22865	12. 9.17	52.32·75	·29862	12·12.37	52.31·87	.29838
12. 9.33	11.20·98	14·10·19	·22861	18. 9·23	52·32·87	·29877	18.13.35	52.33·00	·29866
.12·27	11.19·09	·14·22	·22864	25. 9·16	52·30.44	·29823	25.13.11	52·33·89	·29888
18. 9.34	11.20·45	19. 9·43	·22865						
.15.26	11.15·58	·13·15	·22887						
25. 9·13	11·20·94	26. 9·08	·22880						
·12·29	11·19·37	12·58	·22891						

TABLE III.—MAGNETIC DECLINATION (WEST) at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

JUNE 1926.

Hour. / Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
	11° +																
Midnight	19·0	23·2	20·7	19·5	19·0	19·8	19·0	20·0	20·0	19·8	19·8	19·2	19·3	19·3	19·5	20·0	Midnight
1h	19·0	18·5	20·5	19·0	19·0	19·7	18·2	20·0	19·9	19·5	19·8	19·0	18·8	19·2	19·2	20·0	1h
2	19·0	21·8	19·5	19·0	18·8	19·2	19·2	19·9	19·8	18·7	19·5	19·0	18·8	19·0	19·2	19·3	2
3	19·0	20·5	19·0	18·2	19·2	19·7	18·7	19·0	17·0	18·7	19·5	19·0	18·8	19·5	19·2	19·5	3
4	19·0	20·0	18·0	19·0	19·3	19·0	19·0	18·7	16·7	19·0	19·0	19·3	19·0	19·5	19·0	19·5	4
5	19·0	18·3	16·7	19·0	19·0	18·8	17·8	16·5	18·7	18·2	16·2	19·3	19·3	20·1	19·0	19·5	5
6	18·7	18·0	17·7	19·0	18·7	18·5	17·8	17·5	18·0	18·0	18·3	19·3	19·3	19·0	19·3	19·0	6
7	17·9	14·0	17·0	18·0	17·8	17·8	16·0	16·3	16·0	16·3	17·9	18·5	18·2	17·8	18·1	18·0	7
8	18·2	12·7	18·0	18·5	18·0	18·7	15·5	17·2	15·5	16·0	18·2	19·3	18·8	17·5	18·8	16·5	8
9	20·0	14·3	19·5	20·0	20·1	21·2	18·0	18·8	17·0	18·0	20·0	20·0	21·2	18·7	21·0	18·7	9
10	21·0	15·2	20·8	20·7	21·3	22·3	20·7	20·0	19·0	19·7	21·0	20·7	22·5	20·0	21·0	19·0	10
11	20·0	14·2	21·0	20·0	20·1	22·7	21·5	21·8	20·3	20·2	21·0	20·7	22·2	20·0	20·2	18·2	11
Noon	19·7	15·3	20·0	19·8	20·0	21·5	22·0	21·5	20·7	20·0	20·3	20·0	21·7	19·0	18·7	18·2	Noon
13h	17·8	12·2	18·0	18·0	19·2	18·3	20·0	18·0	21·0	18·0	19·5	17·9	20·2	18·0	16·3	17·3	13h
14	16·5	14·7	17·8	17·5	17·8	17·8	16·7	16·2	20·3	16·7	18·0	17·5	19·5	17·7	16·0	17·0	14
15	16·2	16·0	17·0	16·7	16·0	17·0	16·0	16·7	18·3	17·0	17·2	17·2	18·3	17·0	15·9	16·2	15
16	17·3	16·2	17·2	16·7	15·8	17·0	16·7	17·8	17·7	16·7	17·2	17·0	18·0	17·3	16·0	17·0	16
17	20·0	19·2	18·2	18·5	17·3	18·3	18·3	19·0	19·2	18·2	18·3	18·7	18·2	19·2	18·0	18·3	17
18	21·0	21·2	19·5	19·8	19·0	19·8	19·0	20·0	20·1	20·0	19·8	20·0	20·0	20·0	18·7	19·0	18
19	21·7	20·1	20·0	20·0	19·8	20·0	19·5	20·2	20·5	20·3	20·0	20·1	20·5	20·5	19·9	19·9	19
20	21·2	20·5	20·0	20·1	20·0	19·9	18·7	20·5	20·5	20·5	20·0	20·2	20·7	20·5	20·3	20·0	20
21	21·2	23·0	20·0	20·0	20·0	20·0	19·8	20·3	21·8	20·3	19·9	19·9	20·1	20·2	20·5	20·0	21
22	21·0	20·7	19·8	19·9	20·0	19·9	19·8	20·5	20·0	20·0	19·3	19·5	20·1	20·1	20·3	20·0	22
23	20·5	20·7	19·8	19·5	19·9	19·5	20·0	20·2	19·9	19·8	18·8	19·2	20·0	19·8	20·0	19·9	23

Hour. / Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	...	Mean	Day. / Hour
	11° +																
Midnight	20·0	19·2	20·0	20·0	20·1	20·1	20·0	20·2	19·6	19·8	19·8	19·0	19·8	20·0	...	19·8	Midnight
1h	20·0	19·4	20·0	20·0	20·0	20·0	19·9	20·0	19·8	19·9	19·8	19·0	19·8	19·8	...	19·6	1h
2	20·0	19·3	20·0	20·0	20·0	19·9	19·8	20·0	20·0	19·9	19·9	18·6	19·8	19·6	...	19·5	2
3	19·8	19·1	20·0	20·0	20·0	19·9	20·0	20·2	20·2	20·0	20·0	18·8	19·6	19·6	...	19·4	3
4	19·7	18·8	19·6	20·0	19·8	19·9	19·9	20·5	20·2	20·0	20·0	18·7	19·8	19·8	...	19·3	4
5	19·6	19·0	19·7	19·8	19·6	19·8	20·0	20·0	20·4	20·0	20·0	19·5	20·2	19·9	...	19·1	5
6	19·3	18·6	19·7	20·0	18·8	19·7	19·9	20·0	20·2	19·8	19·9	18·4	19·6	19·6	...	19·0	6
7	18·4	18·1	18·6	18·3	18·0	18·9	18·0	17·8	19·2	18·2	19·4	17·8	18·0	18·0	...	17·7	7
8	18·5	18·0	19·4	18·6	18·0	19·9	18·1	17·6	20·0	18·8	19·0	17·8	18·0	18·0	...	17·9	8
9	19·6	19·0	19·8	20·2	19·4	20·6	20·1	18·0	21·6	20·0	20·2	18·4	19·0	19·2	...	19·4	9
10	20·0	20·5	19·9	22·0	21·6	22·0	21·9	18·4	21·8	20·0	21·6	20·5	20·0	20·4	...	20·5	10
11	20·2	20·2	20·3	22·2	22·1	22·4	21·7	19·6	21·7	19·2	21·8	21·7	19·8	21·6	...	20·6	11
Noon	19·5	18·8	20·5	22·0	22·0	22·0	20·0	19·5	20·2	18·6	21·2	20·8	20·0	20·7	...	20·1	Noon
13h	18·4	16·0	20·0	20·0	21·0	20·1	17·8	18·0	19·4	15·8	19·8	19·9	19·2	19·0	...	18·5	13h
14	17·0	16·2	18·0	18·4	19·7	18·0	16·2	18·0	18·2	15·6	18·4	18·0	19·4	16·6	...	17·5	14
15	15·8	15·8	16·0	16·6	18·0	16·0	17·0	18·2	16·6	15·7	17·8	17·8	18·0	16·0	...	16·8	15
16	17·0	16·3	16·0	17·2	17·8	16·0	17·8	18·0	16·7	16·0	17·1	17·8	17·8	18·0	...	17·0	16
17	18·6	18·0	18·0	18·2	18·2	18·0	18·9	18·8	19·4	18·0	19·0	19·0	19·4	19·0	...	18·6	17
18	20·0	19·8	19·3	19·9	19·9	19·9	20·0	20·0	20·0	19·8	20·0	20·2	20·2	20·2	...	19·9	18
19	20·0	20·0	20·0	20·0	20·0	20·0	19·2	20·0	20·2	20·0	20·2	21·0	20·2	20·8	...	20·2	19
20	20·2	20·0	20·0	20·0	20·0	20·0	19·7	20·2	20·2	19·9	20·2	21·0	20·4	20·4	...	20·2	20
21	20·0	20·0	20·0	20·0	20·1	20·0	20·0	20·0	20·0	19·8	20·1	21·4	20·3	20·3	...	20·3	21
22	20·0	20·2	20·1	19·9	20·1	19·9	20·0	20·0	20·0	19·4	20·0	21·0	20·0	20·0	...	20·1	22
23	19·5	20·0	20·0	20·0	20·1	19·9	20·0	19·8	20·0	19·6	19·8	20·4	20·0	19·8	...	19·9	23

TABLE IV.—MAGNETIC HORIZONTAL FORCE at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

(*The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber*).

JUNE 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. \ Hour.
	·22000 + (C.G.S. UNIT.)																
Midnight	872	809	810	835	845	842	850	827	840	840	850	857	864	855	861	857	Midnight
1h	870	846	810	835	843	845	850	831	839	847	851	859	865	854	862	860	1h
2	870	826	815	832	850	849	858	836	840	841	851	860	866	856	861	860	2
3	871	820	820	840	850	850	858	842	860	852	853	861	868	860	869	860	3
4	873	815	823	842	847	852	855	842	870	850	859	862	869	860	871	860	4
5	877	845	827	845	846	854	859	842	862	856	870	861	870	860	879	862	5
6	880	830	833	850	849	857	860	865	860	858	869	865	870	862	883	864	6
7	888	845	842	853	855	860	870	870	855	858	869	870	872	869	889	870	7
8	899	830	852	865	860	863	868	866	855	870	870	875	875	870	897	880	8
9	903	827	852	860	860	869	870	848	854	870	878	876	877	873	900	890	9
10	907	815	853	870	860	870	876	843	861	870	880	876	880	874	900	896	10
11	913	806	856	873	860	870	872	844	859	870	872	877	892	875	900	892	11
Noon	919	792	858	876	855	869	870	847	853	875	870	874	893	880	895	885	Noon
13h	924	797	851	877	842	866	865	847	840	863	870	869	881	875	880	876	13h
14	912	801	847	870	840	860	857	825	840	855	866	872	875	868	875	871	14
15	909	800	840	857	837	850	853	819	835	841	857	870	865	863	870	877	15
16	916	791	833	848	832	845	852	820	825	840	851	868	860	865	869	864	16
17	890	787	833	842	830	841	838	826	830	832	851	868	865	869	866	860	17
18	885	796	836	845	834	844	820	823	831	829	856	869	870	864	864	860	18
19	820	790	837	846	837	850	810	813	831	835	855	865	865	861	869	861	19
20	829	788	836	848	839	850	805	817	829	839	854	863	853	861	864	860	20
21	848	800	836	848	840	852	808	820	840	840	858	867	850	862	869	857	21
22	835	812	838	845	841	854	816	830	841	850	859	869	850	861	867	860	22
23	810	809	837	844	842	853	820	840	839	848	855	868	852	866	864	860	23

Hour. \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	...	Mean	Day. \ Hour
	·22000 + (C.G.S. UNIT.)																
Midnight	859	865	863	869	865	875	870	850	869	869	871	875	870	850	...	854·5	Midnight
1h	860	869	864	869	869	872	871	851	869	870	872	876	862	852	...	856·4	1h
2	860	870	862	870	870	873	873	860	870	870	872	879	860	859	...	857·3	2
3	860	870	864	867	864	875	872	870	870	871	871	881	861	859	...	859·6	3
4	862	871	864	868	866	875	878	866	870	872	870	884	869	860	...	860·8	4
5	863	874	870	870	867	877	880	870	870	873	870	889	870	860	...	863·9	5
6	865	872	871	875	870	878	881	873	870	874	870	885	871	861	...	865·7	6
7	870	880	872	879	876	879	886	888	878	881	872	885	881	868	...	871·0	7
8	879	883	873	880	880	879	890	894	880	885	874	890	880	870	...	874·4	8
9	889	889	877	881	883	880	889	910	880	889	876	893	887	869	...	876·6	9
10	890	885	880	882	882	882	882	900	876	886	875	900	895	875		877·4	10
11	891	890	880	887	881	880	883	900	877	884	877	892	890	878	...	877·4	11
Noon	890	889	879	883	875	880	889	910	875	881	880	893	880	870	...	876·2	Noon
13h	880	882	881	880	870	880	888	900	881	890	885	895	880	866	...	872·7	13h
14	881	868	876	878	872	870	890	890	880	880	887	887	869	861	...	867·4	14
15	884	864	864	865	871	864	885	883	873	869	889	890	850	858	...	861·7	15
16	871	864	855	860	870	860	880	881	867	864	880	881	840	850	...	856·7	16
17	862	865	860	863	870	861	885	878	863	869	879	880	841	857	...	855·4	17
18	864	860	869	869	872	869	880	879	867	870	880	881	851	862	...	856·6	18
19	869	860	870	870	872	870	867	874	869	870	881	880	855	865	...	853·9	19
20	870	864	865	870	875	870	860	870	869	870	882	880	854	861	...	853·2	20
21	870	860	864	870	873	870	840	866	869	870	880	879	852	860	...	853·9	21
22	869	856	868	865	874	870	839	866	867	871	879	875	850	860	...	854·6	22
23	868	860	868	870	878	871	860	867	870	872	879	873	850	860	...	855·1	23

TABLE V.—MAGNETIC VERTICAL FORCE AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(*The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber*).

JUNE 1926.

·29000 + (C.G.S. UNIT).

Hour. / Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
Midnight	878	880	880	874	871	868	861	867	860	860	859	859	859	860	861	866	Midnight
1h	877	876	880	874	871	868	863	866	860	859	858	857	857	860	861	866	1h
2	876	876	879	874	871	868	863	864	860	857	858	857	857	860	860	865	2
3	877	874	878	874	872	869	863	863	861	858	857	856	856	859	860	865	3
4	874	875	877	874	873	869	864	864	859	859	857	856	856	859	860	865	4
5	874	876	875	874	873	869	864	864	861	860	857	856	856	859	860	865	5
6	874	872	878	874	873	870	865	865	861	860	860	858	857	860	860	865	6
7	872	870	875	871	871	868	863	863	860	859	860	857	857	856	858	863	7
8	876	869	877	873	874	869	864	864	861	859	860	859	860	856	861	864	8
9	880	874	879	875	875	870	870	869	867	860	864	860	862	863	865	867	9
10	876	870	878	876	870	870	870	871	870	862	860	862	860	864	863	869	10
11	871	869	870	870	864	863	865	868	864	859	855	860	857	859	854	868	11
Noon	871	863	864	864	859	853	861	860	859	854	850	855	854	854	845	865	Noon
13h	865	862	863	862	854	845	851	850	852	842	846	848	849	851	839	859	13h
14	861	864	862	863	853	841	846	849	843	833	846	845	848	849	841	853	14
15	862	866	863	864	851	844	849	849	838	837	845	844	850	850	844	851	15
16	864	869	866	867	855	851	855	852	840	841	848	845	849	853	849	856	16
17	870	875	871	871	862	860	863	860	852	850	853	851	852	857	854	860	17
18	872	881	874	874	870	865	868	864	860	857	858	857	857	859	858	864	18
19	872	880	875	875	870	867	869	867	862	860	860	858	858	860	860	866	19
20	880	881	876	875	870	868	869	868	864	861	860	859	859	860	861	867	20
21	879	886	876	874	870	867	870	868	866	861	860	860	859	860	863	868	21
22	877	881	876	873	870	866	869	868	861	860	860	860	860	860	862	868	22
23	878	882	875	872	870	865	868	866	862	860	800	859	860	860	863	868	23

·29000 + (C.G.S. UNIT).

Hour. / Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d	30d.	...	Mean	Hour.
Midnight	870	870	872	875	875	875	875	880	879	880	880	877	876	882	...	871·0	Midnight
1h	870	870	873	875	874	875	875	880	879	879	878	876	876	881	...	870·5	1h
2	870	870	873	875	874	875	875	880	878	878	877	875	877	880	...	870·1	2
3	869	869	873	875	874	875	876	880	879	878	877	873	876	880	...	869·9	3
4	869	869	872	875	874	876	876	880	880	878	877	872	876	879	...	869·8	4
5	868	869	872	875	874	876	877	880	880	879	878	872	876	879	...	869·9	5
6	868	869	872	875	875	877	878	881	880	880	878	873	876	879	...	870·4	6
7	866	868	870	872	874	876	874	878	880	878	878	872	874	876	...	868·6	7
8	866	868	871	873	876	878	875	877	884	880	880	876	875	878	...	870·1	8
9	867	870	873	873	880	880	880	879	885	881	883	880	880	881	...	873·1	9
10	865	870	874	874	882	877	880	880	886	878	884	882	880	882	...	872·8	10
11	862	864	873	870	880	871	871	875	882	867	882	881	875	880	...	868·3	11
Noon	860	854	874	866	876	869	857	870	875	853	876	878	874	873	...	862·9	Noon
13h	854	852	870	858	869	860	850	865	865	858	865	870	871	865	...	857·0	13h
14	856	851	861	852	862	854	850	868	864	862	863	865	871	862	...	854·6	14
15	857	854	860	849	868	850	857	867	862	863	864	863	870	860	...	855·0	15
16	865	858	862	854	869	855	863	865	865	866	867	862	871	864	...	858·2	16
17	870	864	870	865	873	868	872	870	874	874	875	870	875	870	...	865·0	17
18	871	869	871	871	877	875	873	879	880	881	878	874	879	876	...	869·7	18
19	870	870	873	872	876	877	875	880	881	882	879	875	880	877	...	870·9	19
20	870	870	873	873	876	877	877	880	881	882	880	876	880	878	...	871·7	20
21	870	869	873	873	876	877	879	881	882	881	880	876	881	879	...	872·1	21
22	870	870	873	873	875	876	879	880	881	880	880	876	882	880	...	871·5	22
23	869	870	873	873	874	876	879	879	880	880	879	876	882	880	...	871·3	23

TABLE VI.—RESULTS of METEOROLOGICAL OBSERVATIONS made at the AEROLOGICAL STATION Vacoas (424·5 metres above mean sea-level) during the MONTH of JUNE 1926.

Month and Day 1926	Observations at 10 a.m.								Temperature of the Air.			Amount of Cloud (Scale 0—10)	Amount of Rain measured at 10 a.m.	Duration of Bright Sunshine	Percentage of Possible Sunshine.
	Atmospheric Pressure.	Temperature of the Air.	Excess of Air Temperature over Evaporation	Temperature of the Dew Point.	Relative Humidity (Sat.: 100)	Tension of Aqueous Vapour.	Wind. Direction in degrees.	Wind. Velocity.	Highest.	Lowest.	Range				
	mbs.	C	C	C	%	mbs.		m.p.s.	C	C	C		m.m.	hrs.	
JUNE 1	971·7	21·0	1·2	18·9	88	29·6	281	5·5	22·2	18·6	3·6	6·9	3·1	4·8	44
2	970·9	20·9	0·9	19·3	91	22·2	281	2·2	22·3	17·0	5·3	5·2	2·5	3·9	35
3	970·5	21·2	1·2	19·1	88	21·9	292	3·6	22·8	15·9	6·9	6·9	2·5	6·4	58
4	969·8	21·8	1·8	18·6	82	21·2	236	7·0	22·1	18·6	3·5	7·1	3·5	3·6	33
5	968·0	21·4	2·0	17·9	81	20·3	225	0·6	24·1	17·2	6·9	3.1	1·6	9·3	85
6	968·9	19·9	0·9	18·3	90	20·8	45	1·5	23·2	17·7	5·5	7·7	6·6	2·0	18
7	970·7	20·1	4·1	12·8	63	14·7	326	4·0	21·1	15.6	5·5	1·1	0·0	10·1	93
8	971·4	19·4	1·4	16·8	85	18·9	303	2·0	21·8	13·8	8·0	4·0	1·5	7·1	65
9	971·9	19·5	1·6	16·6	83	18·7	303	9·0	21·6	16·3	5·3	5·6	6·3	7·7	71
10	973·2	20·7	3·6	14·3	67	16·2	292	10·5	22·0	14·5	7·5	3·0	1·1	9·5	87
11	974·2	18·9	1·7	15·8	82	17·8	281	6·7	21·1	15·8	5·3	8·4	3·0	7·8	72
12	972·2	19·4	1·4	16·8	85	18·9	270	6·5	21·3	16·3	5·0	9·0	10·4	7·2	66
13	968·9	20·3	2·1	16·5	79	18·6	303	6·9	21·8	15·0	6.8	6·1	5·4	6·7	61
14	968·7	19·3	2·4	15·0	76	16·9	292	6·7	21·9	15·5	6·4	6·5	15·7	7·8	72
15	972·4	18·9	0·9	17·2	90	19·4	292	6·8	20·3	17·4	2·9	6·4	2·6	7·7	71
16	973·9	18·0	0·6	16·9	93	19·0	281	11·2	19·8	17·0	2·8	7·1	10·3	5·2	48
17	973·4	19·8	1·2	17·7	88	20·1	270	7·5	20·2	15·9	4·3	5·7	4·0	7·0	64
18	973·1	17·9	1·2	15·7	87	17·7	281	5·5	20·1	15·6	4·5	6·0	2·0	6·4	59
19	970·9	19·8	1·8	16·6	82	18·7	270	6·0	21·6	15·0	6·6	4·6	5·8	8·5	78
20	970·0	20·3	2·2	16·4	78	18·5	315	3·1	21·9	12·7	9·2	3·5	0·3	8.8	81
21	971·5	19·6	2·4	15·3	76	17·2	303	2·4	20·5	13·9	6·6	2·7	0·1	8·7	80
22	971·3	18·2	0·4	17·5	96	19·8	292	9·2	19·4	16·8	2·6	8·5	14·2	2·3	22
23	972·3	18·4	0·7	17·1	92	19·3	281	7·9	19·6	16·6	3·0	8·7	11·0	3·1	28
24	972·9	18·5	1·8	15·2	81	17·1	292	6·8	19·5	15·4	4·1	8·9	7·5	6·3	58
25	971·5	19·8	1·6	16·9	83	19·0	281	5·2	20·6	15·9	4·7	7·2	5·0	8·5	78
26	970·5	18·9	0·5	18·0	94	20·4	270	4·8	19·6	17·0	2·6	8·5	5·1	5·5	50
27	968·9	20·9	2·0	17·3	80	19·6	270	3·0	22·7	14·8	7·9	8·4	4·7	8·0	73
28	971·3	20·7	2·0	17·1	79	19·3	270	5·9	21·1	14·8	6·3	9·0	1·0	6·8	62
29	972·9	20·0	2·0	16·4	79	18·5	270	5·2	21·8	16·5	5·3	8·1	0·1	8 8	81
30	970·9	19·3	0·9	17·6	89	19·9	281	3·8	21·4	16·4	5·0	8·9	3·0	4·2	39
Mean	971·3	19·5	1·6	16·6	83·3	19·0	285·7°	5·2	21·3	16·0	5·3	6·4	Sum 139·9	6·66	61·0
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

EXCESS OF CERTAIN ELEMENTS AT PAMPLEMOUSSES OVER THE CORRESPONDING ELEMENTS AT VACOAS.

Mean of the month at 10 a.m.	Atmospheric Pressure	−42·3 mbs
	Temperature of the Air	+ 3·5 C.
	Vapour Tension	+ 1·4 mbs
	Relative Humidity	− 9·9 %
	Direction of Wind	3·2° E.
	Velocity of Wind	− 0·6 mps.
	Amount of cloud	− 1·0

Amount of rain	−58·9 m.m.
Duration of sunshine	+27.2 hrs.
Mean of highest temperatures	+3·0 C.
Mean of lowest temperatures	+2·5 C.
Absolute highest temperature	+1·9 C.
Absolute lowest temperature	+2·0 C

*South (0); West (8); North (16); East (24).

TABLE VII.—DAILY RESULTS OF METEOROLOGICAL OBSERVATIONS made during the month of JUNE 1926.

Month and Day 1926.	Atmospheric Pressure		Temperature of the Air. (in degrees Centigrade.)					Excess of Air Temp. over Evaporation Temp.	Temperature of the Dew Point. (Centigrade.)		Degree of Humidity (Saturation=100)		Elastic Force of Vapour	Lowest Temperature on the Grass. (Cent.)	Rainfall.		Amount of Evaporation	Mean Amount of Cloud (Scale 0—10.)
	Mean	Excess above Average	Highest	Lowest.	Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average			Amount recorded by the Beckley Pluviograph.	Duration.		
JUNE	mbs.	mbs.	c	c	c	c	c	c	c				mbs.	c	mm.	min.	mm.	
1	1012·6	+ 1·4	25·4	20·9	4·5	22·7	+ 1·4	1·7	19·7	+ 2·6	83	+ 6	22·7	17·8	0·3	10	3·7	6·8
2	1012·0	+ 0·7	25·0	19·5	5·5	22·1	+ 0·9	1·4	19·6	+ 2·6	83	+ 6	22·6	16·7	3·4	60	3·9	6·5
3	1011·3	— 0·1	25·0	19·4	5·6	22·0	+ 0·8	1·4	19·5	+ 2·6	85	+ 8	22·4	16·8	1·6	20	2·6	4·4
4	1010·8	— 0·7	25·1	20·5	4·6	22·5	+ 1·4	1·8	19·3	+ 2·4	82	+ 5	22·2	15·8	2·4	50	3·4	6·2
5	1009·2	— 2·3	26·0	18·3	7·7	22·1	+ 1·0	2·0	18·6	+ 1·8	78	+ 1	21·2	15·7	0·2	5	3·8	4·6
6	1010·2	— 1·4	25·9	19·4	6·5	22·7	+ 1·6	2·3	18·7	+ 2·0	78	+ 1	21·4	14·2	0·0	...	3·0	6·8
7	1012·2	+ 0·5	24·8	17·6	7·2	21·0	0·0	3·7	14·5	— 2·2	67	— 10	16·4	12·8	0·0	...	4·6	2·0
8	1013·0	+ 1·2	24·3	16·5	7·8	20·4	— 0·5	2·5	15·9	— 0·7	76	— 1	17·9	12·2	0·0	...	3·8	6·6
9	1013·3	+ 1·4	24·0	19·0	5·0	21·0	+ 0·1	2·5	16·6	+ 0·1	76	0	18·7	14·0	3·7	65	4·5	6·0
10	1014·5	+ 2·5	24·6	18·0	6·6	21·5	+ 0·7	3·9	14·6	— 1·8	65	— 11	16·5	12·8	0·0	...	4·2	2·4
11	1015·1	+ 3·0	24·5	19·1	5·4	21·4	+ 0·7	3·2	15·7	— 0·7	70	— 6	17·7	15·9	0·6	15	4·0	4·2
12	1013·3	+ 1·1	24·0	18·6	5·4	20·7	0·0	1·9	17·3	+ 1·0	81	+ 5	19·6	12·6	11·6	70	2·6	7·1
13	1010·3	— 2·0	24·0	16·5	7·5	20·3	— 0·3	1·4	17·8	+ 1·6	86	+ 10	20·2	12·5	17·5	100	4.0	6·0
14	1010·5	— 1·9	24·3	18·5	5·8	21·1	+ 0·5	2·5	16·7	+ 0·5	76	0	18·8	14·7	0·0	...	4·0	4·7
15	1013·7	+ 1·3	24·6	20·0	4·6	21·8	+ 1·2	2·8	16·9	+ 0·8	73	— 3	19·0	17·3	0·1	5	4·1	2·4
16	1015·2	+ 2·7	23·9	19·5	4·4	21·2	+ 0·7	2·4	17·0	+ 0·9	77	+ 1	19·2	16·4	0·4	15	3·4	3·5
17	1015·0	+ 2·4	23·4	19·9	3·5	21·2	+ 0·7	2·2	17·3	+ 1·3	79	+ 3	19·6	15·8	1·0	35	3·2	5·8
18	1013·7	+ 1·0	23·6	18·4	5·2	20·8	+ 0·4	2·4	16·6	+ 0·7	75	— 1	18·7	15·5	4·0	50	3·2	8·4
19	1011·9	— 0·9	24·0	16·0	8·0	20·2	— 0·2	2·1	16·4	+ 0·5	79	+ 3	18·5	12·2	0·6	10	3·6	3·9
20	1011·2	— 1·7	25·0	15·0	10·0	20·2	— 0·2	2·3	16·1	+ 0·2	77	+ 1	18·1	12·8	0·0	...	4·5	3·0
21	1012·2	— 0·8	24·7	14·7	10·0	20·1	— 0·2	2·5	16·6	+ 0·8	80	+ 4	18·7	11·6	0·0	...	5·0	4·2
22	1012·6	— 0·5	22·4	19·3	3·1	20·6	+ 0·3	1·4	18·1	+ 2·3	86	+ 10	20·6	17·3	9·9	215	2·9	8·5
23	1013·4	+ 0·2	23·1	20·0	3·1	21·2	+ 1·0	2·5	16·8	+ 1·0	76	0	18·9	17·7	2·4	35	2·4	6·5
24	1014·1	+ 0·8	23·0	18·5	4·5	20·4	+ 0·2	2·0	16·8	+ 1·0	80	+ 4	18·9	14·5	5·0	75	4·6	8·0
25	1012·5	— 0·8	24·0	18·9	5·1	20·8	+ 0·6	1·6	18·0	+ 2·3	84	+ 8	20·4	15·6	1·5	55	4·7	5·5
26	1011·3	— 2·1	23·8	19·4	4·4	21·2	+ 1·1	1·4	18·7	+ 3·0	86	+ 10	21·4	16·3	3·8	55	3·6	6·7
27	1010·6	— 2·9	25·0	17·6	7·4	21·2	+ 1·1	1·8	18·0	+ 2·3	82	+ 6	20·4	14·4	0·3	10	3·7	4·0
28	1012·5	— 1·1	24·9	19·7	5·2	21·8	+ 1·7	2·5	17·4	+ 1·7	76	0	19·7	15·3	0·0	...	4·0	5·0
29	1013·8	+ 0·2	24·5	18·6	5·9	21·4	+ 1·3	2·4	17·2	+ 1·5	77	+ 1	19·4	14·5	0·0	...	3·5	5·0
30	1012·2	— 1·5	24·1	19·1	5·0	21·0	+ 0·9	1·8	17·8	+ 2·1	82	+ 6	20·2	14·4	0·7	15	3·2	5·8
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean	1012·5	0·0	24·3	18·5	5·8	21·2	+ 0·6	2·2	17·3	+ 1·1	78·5	+ 2·2	19·7	14·9	Sum 71·0	Sum 970	3·7	5·3
Aver.	1012·5	...	24·5	17·1	7·4	20·6	...	2·5	16·2	...	76·3	...	18·2	13·5	71·0	1411	3·2	4·8
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

GENERAL WEATHER CONDITIONS DURING THE MONTH OF JUNE 1926.

Pressure was irregular during the month but, in the mean, normal.

The principal characteristics of the month were excess in temperature and relative humidity. The former element was above normal on 23 days and 0.6 above, in the mean. Relative humidity was above normal on 20 days and 2.2% above in the mean. The temperature of the dew point was 1.1 above average.

At the Observatory rainfall was normal. Its percentage deviation from the normal for the different districts of the Island was as follows :—

Northern Districts	River System 1,	8% above
Eastern Districts	,, ,, 2, 3, 4,	36% ,,
South-Eastern Districts	,, ,, 5 & 6	46% ,,

Western Districts	River System 11	98% above
	,, ,, 12	27% below
	,, ,, 13	no record

August 7th, 1926

TABLE VII.—DAILY RESULTS of METEOROLOGICAL OBSERVATIONS made during the month of JUNE 1926.

Month and Day 1926.	Duration of Bright Sunshine.	Percentage of Possible Sunshine.	Wind: Components. North.	Wind: Components. East.	Wind: Resultant. Direction*.	Wind: Resultant. Velocity.	Wind: Observed Velocity. Mean.	Wind: Observed Velocity. Excess above Average.	Temperature of the Soil at a depth of. 10 Feet.	5 Feet.	2 Feet.	12 inches	6 inches	3 inches	Weather
JUNE	hrs.	%	m.p.s.	m.p.s.	°	m.p.s.	m.p.s	m.p.s	c	c	c	c	c	c	
1	6·3	57	− 1·2	+ 3·5	289	3·7	3·8	+ 0·4	26·0	26·0	24·8	23·7	23·2	23·8	cp : c : cp ·
2	5·9	54	− 0·8	+ 2·3	289	2·4	2·5	− 0·9	26·1	26·0	24·8	24·0	23·5	23·9	cp : c : cp : f ·
3	6·2	56	− 0·8	+ 1·7	295	1·9	1·9	− 1·5	26·1	26·0	24·8	24·2	23·6	24·0	f : cp : f ·
4	3·5	32	+ 0·6	+ 2·3	255	2·4	2·5	− 0·9	26·1	25·9	24·8	24·2	23·8	24·1	cp : c : cp ·
5	10·0	91	+ 1·1	+ 0·8	216	1·3	1·8	− 1·6	26·0	25·9	24·8	24·2	23·7	24·2	f : c : f ·
6	4·0	37	− 1·4	− 0·5	20	1·5	2·0	− 1·5	26·0	25·8	24·8	24·3	23·9	24·5	c : f ·
7	9·9	91	− 3·2	+ 1·5	335	3·5	3·6	+ 0·1	26·0	25·7	24·8	24·3	23·7	24·0	b ·
8	8·4	77	− 1·8	+ 2·2	309	2·8	2·9	− 0·6	26·0	25·9	24·8	24·1	23·2	23·4	f : c : f ·
9	8·6	79	− 1·9	+ 3·3	300	3·8	4·0	+ 0·5	26·0	25·7	24·8	23·9	23·1	23·3	c p : c : f ·
10	9·8	90	− 1·7	+ 4·7	290	5·0	5·0	+ 1·5	25·9	25·7	24·7	23·7	22·6	22·7	b : fq : f ·
11	8·7	80	− 1·3	+ 4·6	286	4·8	4·8	+ 1·3	26·0	25·9	24·6	23·4	22·4	22·6	b : f cp ·
12	6·5	60	0·0	+ 3·4	270	3·4	3·5	0·0	26·0	25·6	24·5	23·3	22·4	22·5	cp ·
13	5·6	51	− 1·1	+ 2·2	297	2·4	2·5	− 1·0	25·9	25·7	24·4	23·1	22·2	22·5	f : cgp ·
14	8·2	75	− 1·3	+ 3·1	293	3·3	3·5	0·0	26·0	25·7	24·3	23·2	22·5	23·1	cg : c b ·
15	9·9	91	− 2·2	+ 5·2	293	5·6	5·7	+ 2·2	26·0	25·5	24·2	23·3	22·7	23·1	b : cpq : fq : b ·
16	9·3	85	− 2·1	+ 5·1	292	5·5	5·6	+ 2·1	25·9	25·7	24·1	23·3	22·5	22·9	f : cp : f ·
17	7·0	64	− 1·5	+ 4·5	288	4·7	4·9	+ 1·4	25·9	25·6	24·1	23·2	22·3	22·6	b : f : cp : c ·
18	7·3	67	− 1·0	+ 4·2	283	4·3	4·4	+ 0·9	25·9	25·5	24·1	23·1	22·2	22·4	cp : c ·
19	6·8	62	− 0·9	+ 2·9	287	3·0	3·1	− 0·5	25·9	25·7	24·0	23·1	22·1	22·5	cp : c : f ·
20	9·2	84	− 1·5	+ 2·1	306	2·6	2·6	− 1·0	25·9	25·4	24·0	22·9	22·0	22·6	f : b ·
21	9·6	88	− 1·6	+ 3·2	297	3·6	3·6	0·0	25·9	25·4	23·9	22·9	22·0	22·4	b . c ·
22	5·2	48	− 1·8	+ 6·6	285	6·8	6·8	+ 3·2	25·9	25·9	23·8	23·1	22·1	22·5	cgpq ·
23	5·2	48	− 0·6	+ 5·4	276	5·4	5·5	+ 1·9	25·9	25·2	23·8	22·9	21·9	22·3	fq : cpq : c ·
24	6·9	63	− 1·1	+ 3·7	287	3·8	3·9	+ 0·3	25·9	25·3	23·8	22·9	21·8	22·3	cgp : c cp : ·
25	8·3	76	− 0·8	+ 3·9	282	4·0	4·0	+ 0·4	25·9	25·4	23·7	22·7	21·8	22·4	cp : f ·
26	8·3	76	+ 0·1	+ 3·3	92	3·3	3·4	− 0·2	25·9	25·2	23·7	22·8	22·0	22·8	cp f ·
27	9·2	84	+ 0·2	+ 2·8	94	2·8	2·8	− 0·8	25·9	25·3	23·6	22·8	22·1	23·0	b : cp : c : f ·
28	7·8	72	− 0·5	+ 4·1	277	4·1	4·2	+ 0·6	25·8	25·1	23·6	22·9	22·3	23·1	f : c : f ·
29	8·9	82	− 0·7	+ 3·1	283	3·2	3·3	− 0·3	25·8	25·1	23·6	22·8	22·3	23·0	f : c : f : c ·
30	6·4	59	− 1·5	+ 3·0	297	3·3	3·4	− 0·2	25·9	25·2	23·6	22·9	22·3	23·0	cp : c : cp : f ·
Mean	7·56	69·3	−1·08	+3·27	283·3	3·43	3·72	+0·20	25·95	25·60	24·24	23·73	22·61	23·05	...
Average	7·45	68·3	−1·45	+2·62	299·0	3·00	3·52	...	25·45	25·60	...	...	...	...	...
Column	19	20	21	22	23	24	25	26	27	28	29	30	31	32	

MEANS AND EXTREMES OF CERTAIN METEOROLOGICAL ELEMENTS DURING THE MONTH OF JUNE 1926.

Element	Highest			Date	Lowest		Date
Atmospheric Pressure	1016·6mbs	at	9h	on 11th	1007·9mbs	at 14 15&16h	on 5th
Temperature of the Air	26·0C	at	13·00	on 5th	14·7C	at 6·30	on 21st
Daily range of temperature of the Air...	10·0C		...	on 20th & 21st	3·1C	...	on 22nd & 23rd
Temperature of the Dew Point	21·2C	at	12h	on 2nd	13·1C	at 7h	on 10th
Daily range of temperature of the Dew Point	5·1C	...	...	on 9th	1·4C	...	on 30th
Relative humidity...	96·0%	at	5h	on 26th	53·3%	at 11h	on 10th
Wind Velocity	9·6 m.p.s.	at	13h	on 22nd	0·6 mps	often	often
Rainfall	17·5mm.	ending	24h	on 13th	...	...	...
Temperature of the soil at 3 ins. ...	25·6C	at	18h	on 5th	20·7C	at 6h	on 20th
,, ,, at 6 ins. ...	24·5C	at	21h	on 6th	21·3C	at 9h	on 25th
Duration of sunshine...	10·0 hrs.		...	on 5th	3·5 hrs.	...	on 4th
Amount of Evaporation in 24 hours	5·0 mm.		...	on 21st	2·4 m.m.	...	on 23rd
Vapour Tension	24·9mbs	at	12h	on 2nd	14·9 mbs	at 7h	on 10th
Minimum on Grass	...		...	...	11·6C	...	on 21st

Number of Days Overcast, 4, Clear 3, of Rain 21, of Lightning 0, of Thunderstorm 0.
Mean Day Temperature of Air, 22·47C. Average, 22·26C. Mean Night Temperature of Air, 19·97C. Average, 18·74C.

*South (0°); West (90°); North (180°); East (270°).

TABLE VIII.—ATMOSPHERIC PRESSURE IN MILLIBARS AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(The values are corrected for temperature and for the effect of gravity, but are not reduced to sea level. (The cistern of the barometer is 55·2 metres above mean sea-level.)

JUNE 1926.

When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.

Hour \ Day	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Hour \ Day
Midnight	0127	0132	0121	0118	0110	0100	0118	0136	0138	0144	0155	0153	0128	0100	0129	0153	Midnight
1h	0124	0131	0120	0114	0107	0100	0118	0134	0137	0141	0151	0151	0123	0096	0128	0153	1h
2	0121	0128	0116	0113	0096	0094	0115	0130	0130	0140	0150	0144	0117	0094	0126	0150	2
3	0119	0124	0111	0105	0089	0091	0115	0128	0126	0139	0146	0140	0113	0090	0123	0146	3
4	0120	0120	0111	0100	0085	0090	0114	0127	0124	0136	0143	0140	0111	0089	0121	0148	4
5	0120	0121	0110	0100	0084	0090	0114	0126	0125	0138	0145	0138	0110	0090	0121	0145	5
6	0121	0123	0113	0104	0087	0093	0120	0129	0130	0140	0150	0138	0109	0093	0126	0149	6
7	0122	0126	0120	0109	0095	0099	0125	0133	0134	0143	0155	0139	0109	0100	0131	0150	7
8	0130	0129	0121	0116	0100	0104	0130	0140	0141	0151	0160	0140	0111	0108	0139	0153	8
9	0137	0132	0124	0119	0102	0111	0135	0146	0146	0156	0166	0147	0112	0109	0144	0160	9
10	0137	0130	0124	0120	0103	0112	0134	0145	0149	0158	0165	0141	0111	0108	0150	0159	0
11	0132	0125	0119	0115	0100	0109	0130	0139	0142	0151	0160	0140	0105	0102	0141	0157	1
Noon	0129	0120	0111	0110	0091	0100	0124	0130	0137	0149	0153	0131	0101	0099	0140	0150	Noon
13h	0123	0113	0102	0100	0082	0095	0113	0121	0129	0140	0147	0129	0094	0099	0133	0143	13h
14	0118	0127	0099	0098	0079	0090	0110	0116	0120	0134	0141	0122	0089	0091	0131	0142	14
15	0118	0100	0098	0097	0079	0090	0110	0114	0119	0133	0140	0119	0087	0094	0131	0141	15
16	0119	0101	0100	0100	0079	0091	0110	0117	0120	0131	0140	0116	0084	0100	0130	0140	16
17	0121	0107	0102	0101	0081	0095	0112	0120	0122	0138	0140	0117	0086	0103	0131	0146	17
18	0123	0110	0106	0103	0087	0100	0119	0122	0128	0143	0142	0121	0090	0110	0139	0150	18
19	0128	0113	0111	0108	0090	0108	0121	0128	0131	0149	0150	0123	0094	0120	0143	0156	19
20	0130	0118	0118	0110	0097	0114	0126	0134	0136	0153	0151	0126	0099	0121	0149	0160	20
21	0134	0120	0120	0112	0100	0119	0131	0134	0141	0156	0156	0130	0100	0128	0151	0164	21
22	0135	0120	0120	0115	0101	0121	0134	0138	0144	0158	0157	0130	0100	0129	0154	0164	22
23	0134	0120	0121	0112	0100	0121	0136	0139	0148	0157	0156	0129	0100	0130	0155	0163	23

When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.

Hour \ Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	...	Mean	Day \ Hour
Midnight	0159	0155	0136	0121	0121	0130	0135	0145	0140	0128	0110	0119	0139	0140	...	1013·1	Midnight
1h	0158	0153	0131	0119	0121	0127	0131	0145	0137	0125	0110	0117	0140	0139	...	1012·9	1h
2	0151	0150	0129	0114	0119	0121	0129	0144	0130	0121	0110	0114	0135	0132	...	1012·5	2
3	0149	0143	0121	0110	0113	0118	0124	0141	0122	0118	0106	0111	0133	0128	...	1012·1	3
4	0149	0142	0120	0110	0112	0114	0122	0140	0119	0113	0101	0111	0131	0128	...	1012·0	4
5	0150	0140	0120	0108	0113	0116	0123	0140	0116	0110	0101	0112	0133	0123	...	1011·9	5
6	0150	0140	0120	0109	0117	0122	0128	0141	0120	0111	0101	0118	0139	0123	...	1012·2	6
7	0150	0140	0125	0113	0122	0130	0133	0146	0122	0116	0107	0121	0141	0125	...	1012·6	7
8	0154	0141	0127	0118	0130	0131	0140	0150	0130	0120	0112	0129	0149	0126	..	1013·1	8
9	0159	0145	0130	0121	0136	0136	0145	0153	0138	0123	0115	0133	0150	0130	...	1013·5	9
10	0159	0150	0130	0120	0136	0138	0142	0151	0134	0124	0111	0136	0149	0131	...	1013·6	10
11	0157	0142	0128	0116	0130	0131	0140	0148	0132	0121	0108	0130	0144	0125	...	1013·1	11
Noon	0151	0135	0121	0109	0124	0124	0137	0140	0128	0116	0100	0127	0139	0121	...	1012·5	Noon
13h	0147	0129	0115	0100	0114	0120	0131	0131	0120	0110	0090	0120	0131	0114	...	1011·8	13h
14	0140	0125	0104	0099	0111	0119	0127	0127	0115	0101	0089	0116	0126	0111	...	1011·4	14
15	0137	0122	0100	0096	0111	0116	0124	0126	0114	0101	0090	0117	0124	0110	...	1011·2	15
16	0139	0120	0101	0099	0112	0117	0123	0126	0114	0100	0093	0120	0125	0110	...	1011·3	16
17	0140	0121	0103	0100	0117	0120	0127	0129	0116	0101	0100	0124	0129	0111	...	1011·5	17
18	0141	0125	0108	0109	0122	0124	0130	0133	0120	0105	0105	0129	0132	0112	...	1012·0	18
19	0147	0127	0112	0113	0126	0130	0138	0139	0123	0106	0110	0131	0139	0115	...	1012·4	19
20	0151	0131	0118	0120	0130	0132	0141	0141	0125	0111	0114	0135	0141	0120	...	1012·8	20
21	0156	0140	0120	0125	0134	0137	0145	0146	0129	0112	0120	0138	0144	0122	...	1013·2	21
22	0158	0140	0123	0126	0132	0137	0149	0148	0129	0113	0119	0139	0147	0122	...	1013·3	22
23	0154	0139	0122	0124	0132	0136	0147	0145	0129	0111	0119	0139	0145	0121	...	1013·3	23

TABLE IX.—AMOUNT OF CLOUD at every HOUR of the DAY (0 = CLEAR SKY, 10 = OVERCAST SKY).

Hour. \ Day.	JUNE 1926.																															
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	...	Mean.
Midnight	8	9	2	7	2	6	0	4	9	1	0	9	1	10	0	1	0	9	7	1	0	7	2	8	8	7	0	1	1	6	...	4·2
1h	7	9	2	8	2	8	0	5	9	1	0	9	1	10	0	1	1	10	5	1	0	8	1	9	9	8	1	1	1	7	...	4·5
2	7	9	2	8	2	9	0	6	9	1	0	8	1	10	0	1	1	10	3	2	0	9	1	9	8	9	1	1	1	6	.	4·5
3	6	9	2	9	2	9	0	10	9	2	1	8	1	10	1	2	1	9	2	3	0	7	1	9	8	9	1	2	1	5	...	4·6
4	7	9	3	7	3	9	0	6	10	1	1	9	1	10	1	3	1	9	3	3	0	10	3	10	7	9	1	4	1	5	...	4·9
5	6	9	4	6	3	7	2	5	10	2	1	10	1	9	2	5	2	9	2	3	1	10	6	10	5	9	1	5	4	4	...	5·1
6	8	9	5	5	3	8	6	5	10	2	2	9	2	9	3	4	4	9	2	4	2	10	8	10	3	9	2	9	8	4	...	5·8
7	8	7	5	9	5	6	5	5	9	2	5	6	2	9	4	4	6	8	2	7	5	10	8	10	4	9	2	8	5	5	...	6·0
8	8	8	5	7	4	7	3	7	1	3	5	7	2	9	3	6	6	7	3	7	5	9	7	9	8	8	6	7	7	5	...	6·0
9	9	9	5	7	4	8	1	9	2	3	5	7	3	9	2	7	6	5	3	5	6	7	7	7	6	8	6	5	8	5	...	5·8
10	6	8	8	9	5	9	0	9	7	3	5	7	8	7	9	7	7	6	4	3	6	8	6	9	6	7	7	5	7	7	...	6·5
11	6	9	7	8	7	9	0	7	7	3	7	9	8	6	4	7	8	7	6	3	6	9	9	8	6	8	7	5	8	7	...	6·7
Noon	6	8	8	8	8	9	2	7	7	3	7	7	9	2	7	7	7	6	7	3	6	8	9	8	7	7	6	5	8	9	...	6·7
13h	7	9	8	10	8	10	2	8	8	4	7	10	9	1	5	4	9	9	7	5	7	9	8	9	8	6	6	6	3	9	...	7·0
14	6	7	4	8	8	9	3	8	7	3	8	9	9	0	4	4	8	8	8	5	7	9	8	8	6	7	7	6	3	9	...	6·5
15	7	4	7	8	8	7	3	7	6	3	7	6	10	0	3	4	8	7	8	3	4	9	9	7	5	8	5	6	3	9	...	6·0
16	8	5	6	7	8	8	3	7	6	3	6	5	9	1	3	4	7	7	8	3	3	9	8	6	4	8	6	5	3	7	...	5·8
17	8	5	5	6	7	9	3	6	7	4	5	4	9	2	3	3	6	10	7	3	4	9	7	5	4	7	8	6	3	5	...	5·7
18	8	4	4	4	7	9	3	6	5	4	4	3	9	2	2	3	4	9	6	2	8	9	6	4	3	8	9	9	3	3	...	5·3
19	5	4	3	3	4	7	2	3	4	6	4	6	8	1	1	2	7	9	3	2	8	10	8	8	3	6	5	8	7	5	...	5·1
20	2	3	2	2	2	2	1	9	3	2	3	8	9	1	1	1	9	10	1	2	6	10	8	4	2	3	2	7	8	4	...	4·2
21	4	2	1	2	1	0	1	4	2	2	3	9	10	0	0	1	8	9	0	2	3	9	7	9	4	2	4	5	9	4	...	3·9
22	6	2	2	2	2	0	3	5	1	1	4	6	9	0	0	1	9	9	0	1	5	7	8	8	3	1	2	3	8	5	...	3·8
23	8	2	4	1	4	0	4	7	1	0	6	3	10	0	0	1	9	10	0	0	6	4	8	9	5	0	1	1	7	5	...	3·9

TABLE X.—DURATION of BRIGHT SUNSHINE at every HOUR of the DAY as recorded by the CAMPBELL-STOKES SUNSHINE RECORDER.

Hour* Ending \ Day.	JUNE 1926.																															
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	...	Total.
6h	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	hrs.
7	0	0	0	0	9	20	11	22	0	10	5	0	11	0	5	0	2	0	10	0	4	0	0	0	0	0	5	0	5	0	...	2·0
8	0	37	28	7	60	58	40	60	40	44	54	27	60	0	55	55	51	24	60	10	32	0	25	33	21	37	55	4	53	42	...	18·0
9	3	22	60	40	60	3	60	15	60	58	35	18	51	10	55	60	55	57	60	60	55	14	20	19	55	58	55	22	55	50	...	20·7
10	40	25	50	8	60	39	60	18	45	60	58	45	52	53	52	40	50	58	60	60	55	19	55	34	58	55	60	58	45	50	...	23·5
11	60	49	7	30	60	55	60	54	55	60	46	47	51	53	60	55	50	54	50	60	58	53	54	49	49	50	60	60	58	50	...	26·0
Noon	60	25	53	27	60	6	60	60	52	60	58	56	15	60	60	57	50	50	45	60	60	49	8	60	44	58	60	52	39	35	...	24·0
13h	48	25	46	26	60	4	60	55	46	60	55	30	25	60	60	59	22	50	18	60	60	27	13	45	25	50	60	60	60	42	...	21·8
14	59	33	37	12	59	0	60	40	53	60	60	20	30	60	60	54	50	52	12	60	60	27	5	47	59	60	54	60	60	33	...	22·3
15	55	50	60	48	58	21	60	56	58	60	60	60	25	60	60	60	58	12	23	60	60	48	45	20	60	40	60	60	60	4	...	24·4
16	35	60	15	5	60	25	60	60	55	60	39	57	14	60	60	60	27	54	40	60	60	53	52	42	60	44	60	60	60	13	...	23·5
17	18	30	12	5	55	7	57	56	46	55	51	33	0	60	59	58	8	25	33	58	58	24	30	58	58	45	25	35	40	59	...	19·3
18	3	0	1	1	0	0	4	6	4	0	0	0	0	16	6	0	0	0	0	5	12	0	2	7	12	0	1	0	0	5	...	1·4
19																																

The total amount of registered sunshine was 226·9 hours and the total possible sunshine 327·5 hours.
* Reckoned from apparent midnight.

TABLE XI. — TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(*To obtain temperatures on the Absolute Scale add* 273)

JUNE 1926.

Day. / Hour.	1d. Air.	1d. Excess of Air over Evap.	2d. Air.	2d. Excess of Air over Evap.	3d. Air.	3d. Excess of Air over Evap.	4d. Air.	4d. Excess of Air over Evap.	5d. Air.	5d. Excess of Air over Evap.	6d. Air.	6d. Excess of Air over Evap.	7d. Air.	7d. Excess of Air over Evap.	8d. Air.	8d. Excess of Air over Evap.	Day. / Hour.
Midnight	22·2	1·7	20·9	1·0	20·7	0·8	21·0	1·0	21·0	1·6	19·4	1·0	21·0	3·1	17·6	1·7	Midnight
1h	22·1	1·7	20·1	1·0	21·2	0·7	20·9	0·9	20·0	1·0	19·7	1·0	20·5	3·5	18·1	1·3	1h
2	21·9	1·4	19·9	1·1	20·1	0·7	21·0	0·8	20·3	1·2	20·0	1·0	20·0	3·2	18·9	2·8	2
3	21·6	1·3	19·8	1·0	19·8	0·8	21·0	0·9	20·0	1·0	20·7	0·7	19·5	2·5	18·8	2·8	3
4	21·5	1·5	20·8	1·3	19·7	0·7	21·2	0·8	20·1	1·1	22·1	1·1	19·0	2·9	18·0	2·2	4
5	21·2	0·8	21·0	0·9	20·1	0·8	21·1	1·0	19·2	0·9	22·1	1·0	18·8	3·0	18·0	1·5	5
6	21·7	1·1	20·9	0·8	20·5	0·9	21·0	1·0	19·8	1·1	21·6	1·0	19·0	3·1	17·0	1·4	6
7	21·8	1·4	20·9	0·9	19·9	0·9	21·2	0·8	18·3	0·8	20·9	0·9	19·2	3·1	16·5	1·1	7
8	22·1	1·3	22·1	1·0	21·5	0·7	22·1	0·8	21·2	0·9	23·0	1·6	20·5	3·7	20·0	1·7	8
9	22·9	1·7	22·7	1·1	24·1	2·1	23·9	2·3	23·0	2·0	23·0	1·4	22·1	4·9	20·7	2·0	9
10	24·1	2·1	23·3	1·3	24·3	2·2	24·4	2·7	24·2	2·9	24·1	3·0	23·2	5·2	21·0	1·7	10
11	24·9	2·8	24·2	2·2	23·1	1·5	25·0	2·9	25·0	3·1	25·1	3·2	24·0	5·4	22·6	3·4	11
Noon	25·0	3·0	23·9	1·6	24·0	1·9	24·7	2·8	25·4	3·3	25·7	3·7	24·1	5·3	23·2	3·7	Noon
13h	24·3	2·3	23·4	1·6	23·8	1·6	24·7	2·7	26·0	3·9	25·5	3·5	24·4	5·4	24·0	4·4	13h
14	24·9	3·2	24·8	2·8	24·4	2·1	23·7	2·2	25·5	3·5	25·0	3·5	24·2	5·9	24·1	4·2	14
15	25·2	3·2	24·7	3·2	25·0	3·0	24·6	2·7	25·3	3·4	25·5	4·5	24·0	5·0	23·9	4·2	15
16	24·2	2·8	24·4	2·9	23·9	2·3	24·0	2·9	25·1	3·5	25·0	3·5	23·1	4·4	23·0	4·3	16
17	23·1	1·5	23·5	2·2	23·2	2·0	23·1	2·1	24·3	2·9	23·7	3·2	22·0	3·8	22·3	3·3	17
18	22·1	1·2	22·5	1·5	22·1	1·5	22·5	2·1	23·3	2·0	23·0	3·1	20·8	3·0	21·0	2·7	18
19	22·0	1·1	22·0	1·2	21·3	1·3	22·2	1·8	21·9	1·9	22·2	2·6	20·3	2·8	20·1	2·0	19
20	21·9	1·1	21·9	1·1	21·5	1·3	21·9	1·8	21·4	1·6	21·9	2·9	20·0	3·0	19·9	2·2	20
21	21·9	1·1	21·5	0·9	21·6	1·1	21·5	1·5	20·7	1·6	21·4	2·5	19·7	2·8	19·5	1·7	21
22	21·4	1·0	21·3	0·9	21·1	1·1	21·6	1·5	19·7	1·2	21·1	2·5	18·7	2·5	20·0	2·0	22
23	21·0	0·9	20·8	0·8	21·2	1·1	21·4	1·8	19·5	1·0	21·2	2·7	17·8	1·9	19·3	1·3	23

Day. / Hour.	9d. Air	9d. Excess of Air over Evap.	10d. Air.	10d. Excess of Air over Evap.	11d. Air.	11d. Excess of Air over Evap.	12d. Air.	12d. Excess of Air over Evap.	13d. Air.	13d. Excess of Air over Evap.	14d. Air.	14d. Excess of Air over Evap.	15d. Air.	15d. Excess of Air over Evap.	16d. Air.	16d. Excess of Air over Evap.	Day. / Hour
Midnight	19·6	1·5	20·6	3·6	20·6	3·0	19·9	1·5	18·9	1·3	19·5	0·8	20·3	1·3	20·9	2·0	Midnight
1h	19·3	1·1	20·0	3·7	20·2	2·8	19·4	1·3	18·7	1·4	19·7	0·9	20·5	1·5	20·8	1·8	1h
2	19·3	0·9	20·1	3·4	20·3	3·3	19·0	1·0	17·8	1·1	19·6	0·7	20·6	1·6	21·0	1·7	2
3	19·1	0·8	19·0	2·9	19·9	3·7	19·7	1·4	17·5	0·9	19·7	0·8	20·7	1·7	21·1	1·6	3
4	19·6	1·1	18·5	2·3	20·0	3·0	19·6	1·1	16·5	0·7	19·1	1·0	20·5	1·5	20·5	1·6	4
5	19·5	1·1	18·7	2·7	20·1	2·0	19·3	0·8	16·8	1·0	19·0	1·6	20·8	1·7	20·4	1·5	5
6	19·3	0·8	18·8	2·8	19·7	2·6	19·2	1·2	16·8	0·8	18·6	1·6	21·0	1·8	20·3	1·2	6
7	19·5	1·5	19·9	3·8	20·0	3·0	19·0	0·9	17·3	0·7	19·0	2·0	21·1	1·8	20·1	1·2	7
8	20·5	2·1	20·6	3·2	22·2	4·1	20·8	1·8	20·0	1·0	19·5	1·6	22·3	2·8	20·7	1·3	8
9	22·8	3·3	22·4	3·3	22·1	3·2	21·3	2·1	22·1	2·2	21·0	2·0	22·8	2·8	21·9	2·2	9
10	22·1	2·1	23·6	4·9	23·3	4·5	22·5	2·6	22·0	1·9	22·8	3·9	22·5	2·5	22·0	2·2	10
11	21·8	1·5	24·0	5·9	23·3	3·7	22·9	3·1	23·9	3·4	23·8	4·7	22·8	2·8	23·0	3·0	11
Noon	22·0	2·0	24·0	5·6	24·0	5·0	23·9	3·9	23·2	2·8	24·0	4·8	23·2	3·2	23·1	2·6	Noon
13h	22·6	3·3	24·4	5·7	24·0	5·2	22·0	2·1	23·1	2·5	24·2	5·2	23·3	3·6	23·1	3·0	13h
14	24·0	4·9	24·2	5·7	23·7	4·6	22·1	1·4	23·0	2·9	24·1	5·0	23·4	4·3	23·1	4·1	14
15	23·0	3·0	24·0	5·5	23·4	3·8	23·0	2·8	23·0	2·2	24·3	4·8	23·5	4·5	23·0	4·1	15
16	22·9	3·9	23·4	5·3	22·4	3·2	23·1	3·6	22·0	1·3	23·6	4·5	23·3	4·5	22·7	3·9	16
17	22·1	3·5	22·4	3·8	21·9	3·0	22·2	3·0	21·3	1·0	22·5	3·0	22·8	4·3	21·5	3·5	17
18	21·3	3·3	21·3	3·1	21·0	3·0	20·4	2·2	21·3	1·2	20·7	2·5	21·1	3·3	20·6	2·7	18
19	21·0	3·1	21·4	3·4	21·0	2·6	19·3	1·8	20·6	1·2	20·0	1·9	21·2	3·2	20·3	3·2	19
20	21·5	4·0	21·3	3·9	21·0	3·0	19·1	1·7	20·5	0·8	19·7	1·7	21·3	3·2	20·0	2·5	20
21	21·0	3·9	21·1	3·4	20·1	2·0	19·8	1·3	20·7	0·7	20·0	1·5	20·9	3·0	20·0	2·4	21
22	20·6	3·6	20·9	3·3	19·6	1·5	19·8	1·2	20·5	0·6	20·5	1·7	20·9	3·0	19·5	2·4	22
23	20·1	2·7	21·1	3·3	19·9	1·7	19·5	1·3	20·0	0·9	20·5	1·5	21·2	3·0	20·0	2·1	23

TABLE XI. (*Contd.*)—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(*To obtain temperatures on the Absolute Scale add 273*)

JUNE 1926

Day / Hour	17d.		18d.		19d.		20d.		21d.		22d.		23d.		24d.		Day / Hour
	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	
Midnight	20·0	2·2	20·7	2·6	20·0	1·2	16·0	1·2	19·3	1·5	20·4	1·6	20·9	3·1	20·2	2·2	Midnight
1h	20·4	2·4	20·2	2·3	19·6	1·4	15·8	1·3	18·1	1·0	20·3	1·5	20·9	2·9	20·6	2·6	1h
2	20·3	2·3	19·5	1·3	19·1	1·1	15·7	1·1	17·2	0·8	20·5	1·2	21·0	2·9	19·9	2·0	2
3	20·3	1·8	19·4	2·2	19·6	1·3	15·6	1·0	16·4	1·0	20·1	0·8	20·8	3·1	20·0	2·0	3
4	20·4	1·5	20·0	2·5	18·9	1·1	16·5	1·2	15·8	0·8	20·1	1·0	20·4	2·6	19·2	1·1	4
5	20·3	1·4	20·1	2·8	19·0	1·7	15·9	0·9	15·3	0·8	20·1	1·0	20·7	2·7	18·6	1·0	5
6	20·1	1·1	19·0	1·3	18·9	1·7	15·7	0·7	15·0	0·8	19·8	0·8	20·7	2·3	19·0	0·9	6
7	20·2	1·2	19·0	2·2	18·5	1·5	17·5	0·8	15·1	0·8	19·7	0·7	20·9	2·1	19·5	1·5	7
8	21·3	1·5	19·8	2·0	20·6	2·1	19·1	1·1	17·0	0·8	20·2	0·8	21·0	1·6	21·0	1·8	8
9	22·2	2·0	22·0	3·0	21·3	2·3	21·7	2·4	21·1	2·1	20·7	0·9	20·9	1·3	20·7	1·4	9
10	22·6	2·1	22·9	3·7	23·0	3·5	23·2	3·4	23·5	4·0	21·0	1·0	22·4	2·2	21·5	2·5	10
11	21·9	1·9	22·5	3·8	22·0	3·0	24·0	4·3	23·7	4·8	21·4	1·1	22·0	2·0	22·2	3·1	11
Noon	22·0	1·6	23·1	4·1	22·5	2·7	24·5	4·9	23·2	4·2	21·4	1·4	21·3	1·3	23·0	4·0	Noon
13h	22·1	1·8	23·6	5·0	23·1	3·1	24·5	4·9	24·0	5·0	21·3	1·2	21·0	1·3	22·4	3·5	13h
14	21·9	2·0	23·0	4·5	23·5	3·5	24·5	4·5	23·6	4·6	21·0	1·0	21·5	1·7	22·0	3·3	14
15	22·8	3·2	21·0	2·0	23·8	4·1	24·6	4·7	23·4	4·3	21·0	1·0	22·6	3·0	22·1	2·6	15
16	21·9	2·5	21·9	2·9	22·1	2·5	23·9	4·4	22·9	4·5	21·0	1·4	22·6	3·5	22·1	3·2	16
17	21·7	2·6	20·9	2·0	22·0	2·2	22·8	2·8	22·1	3·8	20·1	1·1	22·0	3·1	21·2	2·5	17
18	21·0	2·9	21·0	2·5	21·1	2·3	21·0	2·0	21·3	3·3	20·8	1·7	21·0	3·0	20·0	2·0	18
19	21·0	2·3	19·8	1·4	19·6	1·6	20·0	1·4	21·1	2·9	20·9	2·0	21·0	3·2	19·6	1·3	19
20	21·0	3·0	20·3	1·4	18·6	1·6	20·0	1·3	21·1	2·5	20·1	1·2	21·0	3·0	19·0	1·4	20
21	21·1	2·8	19·9	1·0	17·3	1·3	20·1	1·3	21·0	2·1	20·3	1·6	20·9	2·8	18·9	1·4	21
22	21·1	3·1	19·7	1·1	16·4	1·2	20·1	1·4	20·9	2·2	20·9	2·8	20·9	2·6	19·2	1·1	22
23	20·0	2·9	20·0	1·7	16·5	1·4	20·0	1·8	20·9	2·2	21·0	3·0	20·9	2·9	19·0	1·0	23

Day / Hour.	25d.		26d.		27d.		28d.		29d.		30d.		...		Mean		Day. / Hour
	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	...	...	Air.	Excess of Air over Evap.	
Midnight	19·3	1·0	20·1	1·1	20·3	1·8	20·0	0·8	20·0	1·6	19·5	1·1	...	...	20·0	1·6	Midnight
1h	19·4	0·9	20·1	1·0	19·8	1·6	20·0	0·9	20·4	2·2	19·8	1·4	...	..	19·9	1·6	1h
2	19·4	0·7	20·0	0·8	19·6	1·6	20·0	1·0	20·2	2·0	19·9	1·2	...	...	19·7	1·5	2
3	19·5	0·8	20·0	0·8	19·2	1·2	19·9	0·9	20·4	2·3	19·8	1·1	...	...	19·6	1·5	3
4	19·0	0·9	20·0	0·7	18·1	1·0	20·0	1·0	20·6	1·7	19·9	1·1	...	...	19·5	1·4	4
5	19·2	0·7	19·4	0·4	18·1	1·0	20·4	1·1	20·0	1·8	19·8	0·9	...	...	19·4	1·3	5
6	19·0	1·0	19·6	0·6	18·0	1·0	20·6	1·2	19·3	1·6	19·8	0·9	...	...	19·3	1·3	6
7	19·6	1·3	19·7	0·7	18·0	1·0	20·2	1·2	18·6	1·3	20·0	1·0	...	...	19·4	1·4	7
8	20·2	1·2	21·0	1·0	20·3	1·4	21·0	1·5	10·0	1·6	21·0	1·4	...	...	20·8	1·7	8
9	21·5	1·5	22·2	1·4	22·3	2·1	22·6	2·3	23·1	3·1	21·8	1·8	..	...	22·1	2·2	9
10	23·0	3·4	23·0	2·5	23·7	3·0	23·4	3·2	23·1	3·2	23·0	2·6	...	...	23·0	2·9	10
11	23·0	2·5	23·1	2·7	24·0	3·1	24·2	3·5	23·5	3·5	23·9	3·0	..	...	23·4	3·2	11
Noon	23·1	3·0	23·0	2·4	24·4	3·4	23·3	3·3	23·3	3·2	22·5	2·2	...	...	23·5	3·3	Noon
13h	22·2	1·5	22·6	1·9	25·0	3·8	24·3	4·8	24·0	4·6	23·7	3·2	..	...	23·6	3·4	13h
14	23·2	3·0	23·1	2·3	24·0	3·2	24·5	4·6	24·0	4·8	22·1	2·3	...	...	23·5	3·5	14
15	23·0	2·9	22·1	1·3	24·0	3·0	24·1	4·1	23·9	4·3	22·7	2·7	...	...	23·6	3·5	15
16	22·6	2·8	22·8	1·9	23·6	2·7	23·6	3·8	23·2	3·6	22·5	2·9	...	...	23·1	3·3	16
17	22·1	2·4	22·0	2·0	23·1	2·2	22·8	3·2	22·5	2·8	22·2	2·8	...	...	22·3	2·7	17
18	21·0	1·9	21·2	1·3	21·8	1·5	22·0	3·0	21·0	1·9	21·0	2·0	..	...	21·3	2·3	18
19	20·0	1·0	20·7	1·1	21·4	1·4	21·6	2·9	20·4	1·5	20·0	1·5	...	...	20·8	2·0	19
20	20·2	1·3	21·2	1·3	21·0	1·2	21·0	2·5	20·4	1·5	20·3	1·6	...	...	20·7	2·1	20
21	19·9	1·0	20·3	1·3	20·3	0·9	21·0	2·6	20·4	1·3	20·5	1·3	...	...	20·4	1·8	21
22	19·5	1·0	20·4	1·6	20·0	1·0	21·2	2·6	20·4	1·4	19·8	1·2	...	...	20·2	1·8	22
23	20·0	1·0	20·5	1·6	20·0	0·8	20·6	2·5	20·0	1·5	19·8	0·9	...	...	20·1	1·7	23

TABLE XII.—NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(The results are increased by 90 in order to obviate the necessity for signs. The unit in the table is 0·1 metre.)

JUNE 1926.

Day. / Hour.	1d.		2d.		3d.		4d.		5d.		6d.		7d.		8d.		Day. / Hour
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	
Midnight	885	937	891	912	894	913	893	907	900	913	895	911	871	911	891	907	Midnight
1h	890	949	893	910	900	911	893	907	900	912	898	906	868	913	888	909	1h
2	888	930	895	911	900	911	889	911	900	918	896	909	873	906	887	906	2
3	887	933	893	917	895	912	888	912	900	914	907	910	865	900	890	904	3
4	878	933	905	911	893	910	900	912	900	914	913	887	885	903	880	904	4
5	900	921	900	921	897	905	900	913	900	913	877	877	866	907	878	909	5
6	888	931	890	915	895	907	900	911	900	914	889	889	857	909	883	903	6
7	887	934	885	915	889	911	900	916	900	910	889	889	861	908	886	906	7
8	883	941	882	927	892	908	904	921	898	906	890	890	863	900	887	903	8
9	893	934	883	925	880	920	906	930	916	916	886	886	873	906	887	913	9
10	890	949	892	940	887	933	923	935	923	915	892	892	864	924	887	920	10
11	877	955	908	938	887	919	916	940	924	910	890	892	866	913	882	943	11
Noon	890	947	906	931	889	928	923	935	929	911	888	881	866	914	882	944	Noon
13h	889	956	900	945	894	930	917	942	939	900	892	889	859	927	878	952	13h
14	889	956	888	931	894	931	923	934	932	900	890	875	857	929	884	939	14
15	889	952	882	943	887	934	922	933	931	900	878	895	856	929	871	943	15
16	900	934	884	940	895	926	921	932	930	906	887	887	869	931	874	939	16
17	885	938	890	925	890	925	906	928	915	900	881	904	864	924	877	935	17
18	887	933	890	914	890	925	904	921	913	900	866	907	869	921	882	918	18
19	884	916	890	915	896	910	900	922	908	900	869	906	873	918	887	919	19
20	878	922	893	916	896	910	904	921	908	900	866	907	871	919	882	927	20
21	888	918	892	918	891	913	904	920	910	900	872	911	866	923	877	923	21
22	890	915	893	916	890	914	903	915	897	913	884	893	881	912	875	925	22
23	889	916	893	917	893	907	906	929	894	914	885	894	884	911	879	921	23

Day. / Hour.	9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	N.	E.	N.	E.	
Midnight	886	922	887	932	893	936	893	933	891	913	878	932	878	932	882	944	Midnight
1h	904	920	880	930	889	929	900	937	890	915	893	933	883	926	875	938	1h
2	900	910	876	936	892	940	896	921	890	914	882	944	877	935	883	942	2
3	900	915	875	927	886	935	895	924	891	913	886	934	877	934	880	948	3
4	880	930	887	913	881	928	892	939	890	915	883	925	878	933	881	946	4
5	878	922	880	920	876	936	890	925	889	917	868	932	883	941	884	939	5
6	897	917	873	927	879	932	907	934	890	914	871	919	881	947	883	941	6
7	891	922	873	941	893	936	895	924	887	919	887	932	879	951	879	951	7
8	880	930	884	940	900	951	900	936	889	916	891	921	881	946	885	974	8
9	872	941	876	958	900	962	910	950	882	927	894	929	877	956	872	968	9
10	872	942	889	952	888	961	909	943	878	933	893	936	875	961	886	973	10
11	867	950	871	971	887	966	913	963	883	941	890	948	871	969	884	978	11
Noon	880	948	869	974	886	973	913	962	887	933	889	956	872	967	871	969	Noon
13h	870	946	886	972	886	969	919	946	877	935	891	945	866	981	870	972	13h
14	868	948	884	979	872	968	916	940	875	937	900	947	874	962	872	967	14
15	900	962	886	967	875	961	900	953	893	933	891	945	874	963	868	977	15
16	880	948	887	965	882	945	900	942	891	921	886	934	876	958	874	964	16
17	873	941	888	959	889	953	892	937	896	910	883	926	875	961	880	948	17
18	877	934	891	943	885	937	895	923	896	910	890	915	874	963	885	938	18
19	876	936	891	942	893	935	897	917	897	915	890	915	877	956	876	936	19
20	861	939	891	944	891	942	896	920	896	919	890	915	879	950	886	936	20
21	871	929	891	942	892	937	894	915	897	914	888	918	888	957	883	926	21
22	878	922	891	943	887	933	889	916	896	918	883	925	890	948	885	923	22
23	878	922	892	940	887	932	889	916	881	928	882	927	882	944	877	935	23

TABLE XII.—(*Contd.*) NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(*The results are increased by* 90 *in order to obviate the necessity for signs. The unit in the table is* 0·1 *metre.*)

JUNE 1926.

Day. / Hour.	17d.		18d.		19d.		20d		21d.		22d.		23d.		24d.		Day / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	879	932	900	945	888	931	885	915	886	922	886	935	900	958	890	948	Midnight
1h	876	924	879	951	889	929	885	915	890	914	886	935	900	963	890	947	1h
2	876	936	890	925	884	924	885	915	889	916	882	945	900	963	894	928	2
3	878	932	891	922	875	938	883	917	893	909	888	960	900	958	888	930	3
4	881	929	885	938	889	928	887	913	894	908	888	958	900	949	893	934	4
5	878	933	885	937	888	930	885	915	894	908	888	958	900	951	880	949	5
6	883	942	890	925	881	929	885	915	896	906	879	952	890	947	893	933	6
7	886	935	889	928	889	929	887	913	892	908	880	948	900	956	894	931	7
8	880	949	887	934	886	936	890	915	895	903	885	977	889	954	885	938	8
9	888	960	883	942	883	941	881	912	887	913	873	965	900	972	900	940	9
10	900	969	887	962	889	954	882	918	875	937	868	978	888	960	891	944	10
11	900	972	887	963	900	946	890	924	861	958	866	982	900	965	888	958	11
Noon	887	965	900	967	906	930	891	922	877	955	883	987	900	970	875	959	Noon
13h	886	969	890	949	892	940	882	927	876	958	881	994	900	971	881	947	13h
14	887	966	900	957	895	926	889	928	872	967	874	964	878	953	881	946	14
15	875	960	900	947	900	940	885	938	875	961	872	967	888	959	900	944	15
16	878	952	890	949	892	918	882	927	871	970	885	977	889	954	885	938	16
17	884	939	889	952	892	918	886	936	876	936	885	974	900	950	887	932	17
18	884	940	900	944	895	926	889	917	885	937	884	978	892	941	889	926	18
19	884	940	886	936	896	918	887	920	887	934	886	973	892	938	889	929	19
20	890	924	892	939	896	919	887	920	885	937	888	958	891	944	896	921	20
21	893	935	885	938	895	912	883	925	889	926	886	968	885	938	894	915	21
22	892	939	886	934	891	913	874	926	887	933	886	968	891	942	883	926	22
23	892	940	886	936	884	924	875	925	883	943	887	962	890	947	889	928	23

Day. / Hour	25d.		26d.		27d.		28d		29d.		30d.		31d.		Mean.		Day. / Hour.
	N.	E.	N.		N.	E.	N.	E.	N.	E.	N.	E	N.	E.	N.	E.	
Midnight	885	924	887	932	906	930	896	921	894	931	882	918	.	.	889	927	Midnight
1h	881	928	893	932	900	930	895	924	893	934	880	920	...	...	889	926	1h
2	889	929	893	916	900	931	894	927	894	927	878	922	...	...	889	925	2
3	887	932	884	924	900	923	894	929	894	928	885	924	...	...	889	925	3
4	891	921	892	918	900	920	894	929	900	922	882	927	...	...	890	923	4
5	889	927	900	924	900	921	889	929	900	923	887	919	...	...	888	924	5
6	888	931	900	914	900	919	889	929	900	919	886	921	...	...	888	923	6
7	888	930	900	919	900	914	889	928	900	916	883	925	...	...	889	925	7
8	891	944	893	932	896	919	887	934	895	912	881	928	...	...	888	930	8
9	900	955	900	939	900	929	890	951	894	929	885	938	...	...	889	934	9
10	886	967	900	957	910	947	888	957	900	945	889	956	...	...	890	945	10
11	888	958	907	932	909	943	900	958	900	957	889	955	...	...	890	949	11
Noon	900	951	900	927	908	941	900	966	900	952	889	955	...	...	892	947	Noon
13h	900	959	915	976	909	943	913	963	900	954	890	950	...	...	892	950	13
14	900	959	918	944	909	946	913	963	900	957	890	949	...	...	891	946	13
15	900	959	915	938	909	943	912	959	900	953	883	942	...	...	891	947	14
16	900	956	909	945	907	935	900	952	880	948	883	943	...	...	889	941	15
17	900	944	900	934	906	930	900	949	884	940	885	938	..	...	888	936	16
18	894	927	890	924	895	922	893	935	888	919	885	915	...	...	888	928	17
19	896	919	900	930	902	911	888	930	885	915	887	913	...	..	889	925	18
20	893	933	900	930	900	916	883	925	885	915	887	913	...	...	889	926	19
21	891	922	900	945	900	917	885	937	889	917	887	919	...	...	889	926	20
22	890	924	907	936	900	920	892	940	887	913	888	918	...	...	889	925	21
23	889	928	900	935	896	921	893	933	875	925	889	917	...	...	887	927	22

TABLE XIII.—DIRECTION and VELOCITY of the WIND at every HOUR of the DAY as recorded by the ROBINSON CUP ANEMOMETER, during JUNE 1926.

The directions are given in points and the values indicate the direction from which the wind blows counting from South (0), West (8), North (16) and East (24).

The Velocities are given in Metres per second, using the factor 2·2.

*(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk *).*

JUNE 1926.

Hour. \ Day	1d.		2d.		3d.		4d.		5d. *		6d. *		7d.		8d.		9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.	
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Midnight	26	4·0	27	1·5	26	1·4	28	1·0	24	1·3	26	1·2	20	3·1	29	1·1	27	2·6	26	3·4	25	3·7	25	3·4	27	1·6	27	3·9	27	3·9	26	4·8
1h	25	5·0	27	1·2	24	1·1	28	1·0	24	1·2	26	0·6	30	3·4	29	1·5	23	2·0	27	3·6	26	3·1	24	3·7	27	1·8	25	3·4	27	3·1	27	4·6
2	26	3·2	26	1·2	24	1·1	28	1·5	24	1·8	26	1·0	31	2·8	30	1·4	24	1·0	27	4·3	25	4·1	25	2·2	27	1·7	26	4·8	27	4·2	26	4·5
3	26	3·5	26	1·9	26	1·3	28	1·7	24	1·4	21	1·2	32	3·5	30	1·1	24	1·5	28	3·6	26	3·8	25	2·5	27	1·6	26	3·7	27	4·1	26	5·2
4	27	4·0	22	1·2	27	1·2	24	1·2	24	1·4	r12	1·8	31	1·5	31	2·0	27	3·6	28	1·8	27	3·4	25	4·0	27	1·8	27	3·0	27	4·0	26	5·0
5	24	2·1	24	2·1	27	0·6	24	1·3	24	1·3	4	3·3	31	3·5	30	2·4	28	3·1	28	2·9	27	4·4	26	2·7	27	2·0	28	4·5	26	4·4	26	4·2
6	26	3·3	27	1·8	27	0·9	24	1·1	24	1·4	4	1·6	31	4·4	31	1·7	25	1·7	28	3·8	27	3·8	23	3·5	27	1·7	29	3·5	26	5·1	26	4·4
7	26	3·6	28	2·1	28	1·6	24	1·6	24	1·0	4	1·5	31	4·0	30	1·5	26	2·4	27	4·9	25	3·7	25	2·5	27	2·3	26	3·4	26	5·5	26	5·5
8	26	4·4	27	3·2	28	1·1	23	2·2	26	0·6	4	1·4	32	3·7	31	1·3	27	3·6	26	4·3	24	5·1	24	3·6	27	1·9	26	2·3	26	5·0	25	7·5
9	25	3·5	27	3·0	28	2·9	23	3·1	20	2·3	4	2·0	31	2·8	28	1·8	27	5·0	26	6·3	24	6·2	23	5·1	27	3·2	25	3·0	26	6·1	26	7·4
10	25	5·0	25	4·1	26	3·5	21	4·2	19	2·7	4	1·2	29	4·3	27	2·4	27	5·1	25	5·3	25	6·2	23	4·4	27	4·0	25	3·7	26	6·6	25	7·4
11	26	6·0	23	3·9	27	2·3	22	4·3	18	2·6	3	1·3	30	3·6	26	4·7	27	6·0	26	7·7	25	6·7	23	6·4	26	4·4	25	4·9	26	7·5	25	8·0
Noon	25	4·8	23	3·2	26	3·0	21	4·2	18	3·1	5	2·2	30	3·7	26	4·8	26	5·2	26	8·0	25	7·4	23	6·3	26	3·5	25	5·7	26	7·2	26	7·5
13h	25	5·7	24	4·5	25	3·1	22	4·5	16	3·9	5	1·4	29	4·9	26	5·7	27	5·5	25	7·3	25	7·0	22	5·0	27	4·2	25	4·6	26	8·8	26	7·8
14	25	5·7	26	3·3	25	3·2	21	4·1	16	3·2	6	2·7	29	5·2	26	4·2	27	5·8	25	8·1	26	7·4	22	4·3	27	4·5	24	4·7	26	6·7	26	7·2
15	25	5·3	26	4·7	26	3·6	21	4·0	16	3·1	1	2·3	29	5·3	27	5·2	24	6·2	25	6·8	26	6·6	24	5·3	25	3·4	25	4·6	26	6·8	26	8·3
16	24	3·4	26	4·3	25	2·7	21	3·8	17	3·1	4	1·9	28	4·4	27	4·7	26	5·2	25	6·6	26	4·9	24	4·2	26	2·3	26	3·7	26	6·3	26	6·9
17	26	4·1	26	2·7	26	2·7	r23	2·9	16	1·5	r31	1·9	29	4·4	27	4·2	27	4·9	25	6·0	25	5·4	25	3·8	26	1·1	27	3·1	26	6·6	26	5·2
18	26	3·5	27	1·7	26	2·7	23	2·1	16	1·3	31	3·5	29	3·7	28	3·6	27	4·1	25	4·4	26	4·0	25	2·4	26	1·1	27	1·8	26	6·8	26	4·1
19	28	2·3	27	1·8	26	1·1	24	2·2	16	0·8	31	3·2	29	3·2	27	2·3	27	4·4	25	4·3	25	3·6	25	1·7	25	1·5	27	1·8	26	6·1	27	4·4
20	28	3·2	26	1·8	26	1·1	23	2·1	16	0·8	31	3·5	29	3·5	27	3·3	28	5·6	25	4·5	25	4·3	25	2·0	25	1·9	27	1·8	26	5·4	26	3·9
21	27	2·1	26	2·0	27	1·6	23	2·0	16	1·0	30	3·0	29	4·1	28	3·3	28	4·1	25	4·3	25	3·8	26	1·6	25	1·4	27	2·1	25	5·8	27	3·1
22	27	1·8	26	1·8	27	1·7	23	1·5	25	1·3	d2	1·8	29	2·2	28	3·6	28	3·1	25	4·4	26	3·5	27	1·9	25	1·8	27	3·0	25	4·9	27	2·7
23	27	1·9	26	1·9	28	1·0	23	3·0	26	1·5	2	1·6	29	1·9	28	3·0	28	3·1	25	4·1	26	3·4	27	1·9	27	3·4	27	3·3	26	4·8	27	4·2

Hour. \ Day	17d.		18d.		19d.		20d.		21d.		22d.		23d.		24d.		25d.		26d.		27d.		28d.		29d.		30d.		...		Mean
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	...	...	Velocity
Midnight	27	3·8	24	4·5	26	3·3	28	2·2	27	2·6	26	3·8	24	5·8	25	4·9	27	2·8	26	3·4	23	3·1	25	2·1	25	3·2	28	2·6	...	...	3·0
1h	28	3·4	26	5·5	26	3·1	28	2·2	27	1·7	26	3·8	24	6·3	25	4·8	27	3·4	25	3·3	24	3·0	25	2·5	25	3·5	28	2·9	...	...	3·0
2	27	4·4	26	2·7	27	2·9	28	2·1	27	1·9	26	4·9	24	6·3	25	2·9	26	3·1	26	1·8	24	3·1	25	2·8	25	2·8	28	3·2	...	...	2·9
3	27	3·9	26	2·4	27	4·6	28	2·4	27	1·1	25	6·1	24	5·8	26	3·2	26	3·4	27	2·9	24	2·3	25	3·0	25	2·9	27	2·8	...	...	2·9
4	27	3·5	26	4·1	26	3·0	28	1·8	27	1·0	25	5·9	24	4·9	25	3·5	26	2·3	26	2·0	24	2·0	25	3·0	24	2·2	27	3·2	...	...	2·7
5	27	4·0	26	4·0	26	3·2	28	2·1	27	1·0	25	5·9	24	5·1	26	5·3	26	2·9	24	2·4	24	2·1	26	3·1	24	2·3	27	2·3	...	...	3·0
6	26	4·5	26	2·7	27	3·5	28	2·1	27	0·7	26	5·6	25	4·8	25	3·4	26	3·3	24	1·4	24	1·9	26	3·1	24	1·9	27	2·5	...	...	2·8
7	26	3·8	26	3·0	26	3·1	28	1·8	28	1·1	26	5·2	24	5·6	25	3·2	26	3·2	24	1·9	24	1·4	26	3·0	24	1·6	27	3·0	...	...	2·9
8	26	5·3	26	3·6	26	3·9	27	1·8	29	0·6	25	7·8	25	5·5	26	4·1	25	4·5	25	3·3	25	1·9	26	3·6	26	1·3	27	3·4	...	...	3·4
9	25	6·1	26	4·5	26	4·4	29	2·2	28	1·9	26	7·0	24	7·2	24	4·0	24	5·5	24	3·9	24	2·9	25	5·2	25	3·0	26	4·1	...	...	4·2
10	24	6·9	25	6·3	25	5·5	28	2·5	27	4·5	26	8·4	25	6·1	25	4·5	25	6·8	24	5·7	23	4·8	25	5·8	24	4·5	25	5·7	...	...	4·9
11	24	7·2	25	6·4	24	4·6	26	2·6	27	7·0	26	8·9	24	6·5	25	5·9	25	5·9	23	3·3	23	4·4	24	5·8	24	5·7	25	5·6	...	...	5·3
Noon	25	6·6	24	6·7	23	3·1	26	2·4	26	6·0	25	8·9	24	7·0	26	6·4	24	5·1	24	2·7	23	4·2	24	6·6	24	5·2	25	5.6	...	...	5·2
13h	25	7·0	25	5·0	25	4·1	27	3·3	26	6·3	25	9·6	24	7·1	26	5·1	24	5·9	23	7·7	23	4·4	23	6·4	24	5·4	25	5.1	...	...	5·6
14	25	6·7	24	5·7	25	2·7	26	3·0	26	7·3	26	6·9	26	5·8	26	5·0	24	5·9	22	4·8	23	4·7	23	6·4	24	5·7	25	5.0	...	...	5·2
15	26	6·5	24	4·7	24	4·0	26	4·1	26	6·6	26	7·3	25	6·0	24	4·4	24	5·9	22	4·1	23	4·4	23	6·0	24	5·3	26	4.5	...	...	5·2
16	26	5·7	25	5·0	26	2·0	27	3·3	26	7·6	25	7·9	25	5·5	26	4·1	24	5·6	23	4·6	23	3·6	24	5·2	26	5·2	26	4.6	...	...	4·6
17	26	4·2	25	5·3	26	2·0	26	3·9	27	4·4	25	7·5	24	5·0	26	3·4	24	4·4	24	3·4	23	3·1	24	4·9	26	4·3	26	4.1	...	...	4·0
18	26	4·3	24	4·4	25	2·7	27	2·0	26	4·0	25	8·0	25	4·2	26	2·8	25	2·8	26	2·6	25	2·3	25	3·6	27	2·2	28	2.2	...	...	3·3
19	26	4·3	26	3·9	25	1·8	27	2·4	26	3·6	25	7·4	25	3·9	26	3·1	25	1·9	24	3·0	23	1·1	26	3·2	28	2·1	28	1.9	...	...	3·0
20	26	2·6	25	4·0	25	1·9	27	2·4	26	4·0	25	5·9	25	4·5	25	2·1	25	3·4	24	3·0	24	1·6	27	3·3	28	2·1	28	1.9	...	...	3·0
21	25	3·6	26	4·1	26	1·3	27	3·0	26	2·8	25	6·9	26	4·1	26	1·6	26	2·4	24	4·5	24	1·7	26	4·0	27	2·0	27	2.3	...	...	3·0
22	25	4·0	26	3·7	27	1·6	28	3·7	26	3·5	25	6·9	25	4·3	27	3·1	26	2·6	23	3·7	24	2·0	25	4·1	28	1·8	27	2.1	...	...	2·9
23	25	4·1	26	3·9	27	2·9	28	3·6	26	4·6	25	6·3	25	4·8	26	3·0	26	3·0	24	3·5	25	2·2	25	3·4	28	3·5	27	2.0	...	...	3·2

d = direct r = retrograde.

TABLE XIV.—RAINFALL at every HOUR of the DAY at the ROYAL ALFRED OBSERVATORY MAURITIUS for JUNE 1926.

Hour Ending \ Day.	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	...
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	...
1h	...	...	...	...	...	...	...	...	0·3	...	...	4·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	0·7	...	...	...	...	...	...	...	...	1·0	...	...	...	...	...	...	0·2	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...
4	0·1	0·2	...	0·2	...	...	...	...	0·2	...	...	...	0·2	...	...	...	...	...	0·5	...	...	0·4	...	1·0	0·2	1·4	...	...	...	0·1	...
5	...	1·5	...	...	...	...	...	...	...	...	...	0·7	...	...	...	...	...	...	...	...	...	...	...	0·5	0·2	0·4	...	...	...	...	...
6	...	0·2	...	...	...	...	...	...	...	...	...	2·3	...	...	...	...	...	...	...	...	...	0·8	...	0·8	0·3	...	0·1	...	...	...	...
7	...	0·2	...	0·2	0·2	...	...	...	1·0	...	...	2·0	...	...	...	...	...	...	...	...	...	0·2	...	1·4	0·4	1·0	0·2	...	...	...	...
8	...	0·6	0·2	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·8	0·4	0·3	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	0·9	0·3	0·3	...	...	...	...	...	...	...
10	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·6	...	...	...	...	...	...	...	...	...
11	...	...	0·9	...	...	...	...	...	0·5	...	...	...	...	...	0·1	0·3	0·3	...	...	...	...	0·9	...	...	...	0·1	...	...	...	...	...
Noon	...	...	...	...	...	...	...	...	0·5	...	...	...	...	...	...	...	...	...	...	...	...	0·4	0·3	...	...	...	...	...	...	...	...
13h	...	0·4	0·5	0·4	...	...	...	...	0·3	...	...	0·4	...	...	...	...	0·4	...	...	...	...	0·5	0·4	...	0·1	0·1	...	...	...	0·4	...
14	...	...	...	0·8	...	...	...	...	...	...	...	1·2	...	...	...	0·1	...	...	...	...	...	1·3	1·0	...	0·1	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·9	...	...	...	0·7	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	1·0	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	...	...	...	...	...	0·5	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	0·2	...	...	0·1	0·8	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	0·2	...	...	...	...	...	...	...	...	...	...	0·4	...	...	...	...	...	...	...	...	0·3	...	0·2	...	...	...	...	...	...	...
21	0·2	...	...	...	...	...	...	...	...	...	0·1	...	0·8	...	...	...	...	0·8	...	...	...	0·2	...	...	...	0·1	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	0·1	1·2	...	...	...	0·2	...	0·5	...	...	...	...	...	...	...
23	...	...	...	0·3	...	...	...	...	...	...	0·1	0·2	3·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	0·3	...	...	...	...	...	...	0·4	...	11·1	...	...	...	...	0·8	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE XV.—TOTAL MONTHLY RAINFALL at VARIOUS STATIONS in MAURITIUS, grouped according to the RIVER SYSTEMS as indicated on the CHART for the MONTH of JUNE 1926.

River System.	Register Number	Station	Approximate Altitude feet.	Total fall in inches.	Total fall in mill.	Normal in mill.	Number of days.
1	2	St. Antoine	50	2·75	69·8	64·5	11
	3	Belmont	50	3·52	89·4	85·3	17
	4	Poudre d'Or	20	3·62	91·9	83·6	14
	5	Mon Loisir (R.)§ ...	300	...	...	...	...
	6	Mon Loisir S. E.§ ...	300	...	...	...	...
	7	Forbach§	300	...	...	...	...
	8	Labourdonnais§ ...	290	...	...	...	...
	9	Beau Séjour	300	3·82	97·0	111·2	21
	10	Mont Piton	360	4·71	119·6	142·0	20
	11	Mon Choix	700	3·91	99·3	134·1	16
	12	Antoinette	640	7·05	179·1	122·2	22
	13	California§	850	...	...	...	...
	14	Nouvelle Découverte ...	1,400	6·89	175·0	155·9	16
	15	Mon Songe	620	6·28	159·5	123·2	19
	16	La Grande Rosalie§ ...	643	...	...	...	...
	17	The Mount§	325	...	...	...	...
	18	Botanic Gardens ..	325	3·52	89·4	81·0	23
	19	The Observatory ...	179	2·80	71·0	68·5	21
	20	Solitude§	175	...	...	...	...
	21	St. André	90	2·91	73·9	43·7	10
	22	Belle Vue Harel§ ...	350	...	...	...	...
	23	Mont Choisy§	10	...	...	...	...
	25	Esperance (Trébuchet)*	165	4·11	104·4	...	20
	28	Mon Rocher§	...	...	...	...	...
	45	Roche Bois Station§ ...	44	...	...	...	...
	46	Riche Terre Station§ ...	106	...	...	...	...
	47	Terre Rouge Station§ ...	137	...	...	...	...
	48	Mapou Station* ..	296	0·64	16·3	...	3
	49	Poudre d'Or Station§ ...	772	...	...	...	...
	50	Rivière du Rempart* ...	134	0·12	3·0	...	9
2 & 3	1	Union Régnard S.E.§ ...	600	...	...	...	..
	2	Constance d'Arifat L.G.	100	2·57	65·3	116·8	11
	3	St. Julien Church§ ...	1,050	...	...	...	...
	4	Riche Fund	600	7·22	183·4	130·3	25
	5	Constance (Manès)§ ...	..	...	...	...	...
	6	Queen Victoria§ ...	..	...	...	...	...
	7	Belle Mare§	...	...	...	...	...
	8	Bel Etang (Lesur)§ ...	...	...	...	...	...
	9	Belle Vue (Allendy)*	...	5·30	134·6	...	15
	10	St. Julien E(K. Reetoo)§	...	...	...	...	...
4	1	Sans Souci§	900	...	...	...	...
	2	Etoile§	400	...	...	...	...
	3	Beau Champ	20	5·81	147·6	124·7	16
	4	Belle Rive§	400	...	...	...	...
	5	Olivia	400	12·44	316·0	155·2	21
	6	Deep River§	350	...	...	...	...
	7	Belle Rose Estate§ ...	...	...	...	...	...
	8	Melrose§	...	...	...	...	...
	9	Bonne Veine*	...	11·54	293·0	...	24
5	1	Rose Belle§	850	...	...	...	...
	2	Riche-en-Eau§	460	...	...	...	...
	3	Ferney§	20	...	...	...	...
	4	Beau Vallon§	60	..	...	...	...
	5	Union Vale§	200	..	...	...	...
5 cont.	6	Mon Désert (Carié)* ...	75	5·29	134·4	...	19
	7	Cluny§	1,000	...	...	...	...
	8	Union Park§	...	...	...	...	...
	9	Sauveterre Estate* ...	...	7·76	197·1	...	17
	10	Bananes Estate§ ...	...	...	...	...	...
6	1	Kanaka	2,000	20·62	523·7	375·2	25
	2	Tivoli§	1,300	..	...	...	...
	3	La Flora*	1,050	16·98	431·3	...	23
	4	Britannia	730	14·00	355·6	226·3	27
	5	Savannah (Mill)§ ...	200	..	...	...	...
	6	St. Aubin§	300	...	...	...	...
	7	Union B.A.St.Félix S.E.§	90	...	...	...	...
	8	Beau Bois§	350	...	...	.	...
	9	St. Avold*	900	17·31	439·7	.	25
	10	Terracine§	100	...	...	..	...
	11	St. Félix S.E.§	...	...	...	...	...
	12	Bel Air§	..	...	...	...	...
	13	Chamouny§	...	...	...	...	...
	14	Union S. E.*	...	10·22	259·6	...	19
	15	Fontenelle*	...	12·27	311·6	...	17
	16	Combo§	...	...	...	...	...
	17	St. Felix (Wilson)§ ...	...	...	...	...	...
	18	Choisy Estate§	...	...	.	...	...
7, 8 & 9	1	Bel Ombre	40	7·02	178·3	106·4	21
	3	Beau Champ*	...	8·22	208·8	..	19
	4	Board*	...	10·13	257·3	...	20
	12	Tamarin Station§ ...	155	...	...	...	...
	13	Médine Station§ ..	184	...	...	...	..
	14	Albion Station§ ...	72	...	...	...	...
10		No returns	...	...	...	...	...
11	1	Les Gorges§	...	...	...	...	...
	2	Curepipe Gardens ...	1,840	13·44	341·4	201·7	30
	3	Mare aux Vacoas ...	1,850	24·62	625·3	279·9	28
	4	La Marie Filter Bed ...	1,700	12·48	317·0	164·1	22
	5	Réunion§	1,420	...	...	..	...
12	1	The Manse	850	0·68	17·3	56·6	23
	2	The Bower§	1,080	...	...	...	...
	3	Le Réduit (D. of A.)§...	1,000	...	...	...	...
	4	Alma	1,460	9·23	234·4	206·0	23
	5	Bagatelle§	1,250	...	...	...	...
	6	Highlands*	1,300	7·24	183·9	...	25
	7	Trianon	950	3·04	77·2	75·4	22
	8	Salency§	923	...	...	...	...
	9	La Ferme*	950	0·64	16·3	...	9
	10	Bon Air§	1,050	...	...	..	...
	11	Val Ory	1,100	2·83	71·9	95·0	28
	12	Ebène§	...	...	...	...	...
	13	Mon Rêve§	...	...	...	...	...
	14	Bassin§	...	...	...	...	..
	15	Hermitage§	...	...	...	...	..
	16	Côte d'Or	...	7·31	185·7	...	16
	17	Mon Repos§	..	...	.	...	...
13	1	The Albion Dock§ ...	18	...	...	...	...
	2	Institute§	...	...	...	...	...

*Normals not available. §Record not Received.

TABLE XVI.—OBSERVATIONS of the DIRECTION and VELOCITY of CLOUDS made at the AEROLOGICAL STATION VACOAS 424·5 metres above SEA LEVEL during the month of JUNE 1926.

Type / Day	Time	Scud		Cumulus Cu. st. &c.		Alto cu: Alto st:		Cirro Cumulu		Cirro Stratus		Cirrus		Time	Scud		Cum: Cu. st. &c.		Alto Cum Alto St:		Cirro Cum		Cirro Stratus		Cirrus	
		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height
	h		°		°		°		°		°			h		°		°		°		°		°		
1	9¾	270	2·0	195	0·2	150	0·2	...	...	150	0·3	...	...	12¾	250	1·6	250	0·4	...	...	...	...	...	...	...	...
2	9¾	270	1·7	270	0·4	...	...	...	...	...		...	...	15½	...	...	285	0·4	...	...	...	...	...	...	...	...
3	9¾	...	...	300	0·4	...	...	...	...	...		...	...	14¾	...	...	285	0·7	...	...	...	...	...	...	...	...
4	9¾	250	0·4	250	0·4	...	...	...	...	...		...	...	14¼	280	0·6	255	0·1	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...		...	...	...	...	...	...	...	...	...	12½	...	...	30	0·1	...	...	...	...	...	...	...	...
8	...	...	...			...	...	...	...	...	...	...	...	12¾	...	...	300	0·5	...	...	...	...	...	...	...	...
9	9¾	285	1·4	285	0·7	...	...	...	...	...	...	...	...	14¾	...	...	300	0·4	...	...	...	...	...	...	...	...
10	11¾	...	...	305	0·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	10		...	270	0·7	270	0·7	...	...	120	0·2	...	...	12½	...	...	280	0·2	...	...	...	...	...	...	...	...
12	10	...	...	270	0·7	...	...	...	...	...	...	...	...	11¾	...	...	280	1·2	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...	...	...	...	...	330	0·1	360	0·1	...	...
15	9¾	285	1·6	...	...	...	...	...	...	...	...	...	...	12½	300	1·3	300	0·8	...	...	...	...	...	...	...	...
16	11¾	295	1·2	300	1·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	9¾	295	1·3	300	0·9	...	...	...	...	...	...	...	...	14¼	...	...	285	0·4	...	...	...	...	...	...	...	...
18	10	285	1·4	285	0·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	12¾	...	...	330	0·1	...	...	...	...	...	...	...	...	14½	300	0·3	285	0·5	...	...	...	...	...	...	...	...
21	12¾	...	...	300	1·5	...	...	...	...	...	...	...	...	14¾	...	...	300	1·4	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	9¾	300	1·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	11¾	...	...	295	0·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	9¾	200	1·3	285	0·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	9¾	255	1·2	...	...	...	...	...	...	...	...	...	...	12	270	1·0	270	1·3	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	...	14¾	...	...	250	1·0	...	...	...	...	...	...	...	...
28	9¾	270	1·8	270	0·7	300	0·4	...	...	...	...	...	...	12½	270	1·2	270	0·9	...	...	...	...	...	...	210	0·1
29	9¾	...	...	270	1·2	...	...	...	...	...	...	...	...	14½	285	1·4	270	0·6	...	...	...	...	...	...	...	...
30	9¾	285	1·5	270	0·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
..	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

The Direction is that from which the Cloud travels, counting South (0°); West (90°); North (180°). The Velocity-Height-Ratio is given in milliradians per sec.

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NEW SERIES (MONTHLY). VOL. XII. PART 7 PRICE R. 0.75

ROYAL ALFRED OBSERVATORY, MAURITIUS.

(LATITUDE 20°5′·39″ S.—LONGITUDE 3h 50m 12s·6 E.)

RESULTS

OF

MAGNETICAL AND METEOROLOGICAL OBSERVATIONS

FOR THE MONTH OF

JULY 1926

M. KŒNIG, A.INST.P.

ACTING DIRECTOR.

Published by Authority of His Excellency the Governor

PORT LOUIS

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TABLE I.—RESULTS of MAGNETICAL OBSERVATIONS made during the MONTH of JULY 1926

Month and Day. 1926	Mean Declination (West)	Mean Horizontal Force. (C.G.S. Units.)	Mean Vertical Force. (C.G.S. Units.)	Daily Range of.† Declination.	Horizontal Force	Vertical Force.
	° ′				Unit 1 γ	
1	11·19·1	·22864	·29879	3·4	22	9
2	19·5	863	875	4·8	12	23
3	19·4	857	876	4·1	36	15
4	18·7	851	872	6·2	30	36
5	19·3	859	872	7·3	50	30
6	18·8	860	874	6·1	46	20
7	19·4	864	872	5·8	37	32
8	19·1	861	872	4·1	23	29
9	18·8	868	871	3·8	41	20
10	19·6	868	870	4·1	30	28
11	19·3	867	869	5·8	34	43
12	19·3	870	873	4·3	34	15
13	19·2	868	871	5·3	38	21
14	20·0	868	873	4·3	26	16
15	19·6	874	872	5·7	32	18
16	20.2	875	871	6·1	19	22
17	19·9	874	869	5·1	34	27
18	19·9	858	872	4·4	23	20
19	19·1	863	875	4·3	36	13
20	19·3	859	870	5·4	22	41
21	19·2	861	869	8·0	27	41
22	20·4	861	868	7·1	18	32
23	19·7	869	865	9·0	12	45
24	19·7	873	864	10·1	30	46
25	19·4	872	863	6·8	34	39
26	19·6	872	863	6·1	40	46
27	20·0	863	867	6·2	48	38
28	18·9	848	872	7·8	54	32
29	20·5	844	874	6·2	29	23
30	20·7	869	871	9·4	48	33
31	20·5	860	874	8·3	87	34
Mean	11·19·55	·22864	·29871	6·30	33·9	28.6

Description of the Principal Magnetic Disturbances.

The following notes give a brief description of the principal magnetic disturbances The movements in Horizontal Force and Vertical force are expressed in G.G.S. units.

The term "wave" indicates a movement in one direction and return; "double wave," a movement in one direction and return with continuation in the opposite direction and return; "fluctuations," a number of movements in both directions.

The extent and direction of the movement are indicated in brackets, + denotes an increase and—denotes a decrease of the Magnetic Element; ± denotes positive and negative movements of approximately equal extent.

5d. 14h.—Decrease in H.F. (38γ) followed by irregular small undulations Small fluctuations in V.F.

6d. 8h.—Irregular decrease in Declination (5′).

27d. 23h.—Sudden increase in H.F. (55γ).

31d. 20h.—Decrease in H.F. (23γ); Oscillations in V.F.

T=0·37657: Mean Dip=θ=52°.34′·17. (X=·22419: Y=—·04490: Z=·29871).

† The daily range is the difference between the greatest and least hourly values.

TABLE II.—RESULTS of ABSOLUTE DETERMINATIONS of the MAGNETIC ELEMENTS during the MONTH of JULY 1926

Declination (West).		Horizontal Force (C.G.S. Unit)		Dip (South). A. M. Observations.		Resulting Vertical Force. C. G. S. Units.	P. M. Observations.		Resulting Vertical Force C.G.S. Units
Day and Hour.	Observed Value.	Day and Hour.	Observed Value.	Day and Hour.	Observed Value.		Day and Hour.	Observed Value.	
d h m	° ′	d h m		d h m	° ′		d h m	° ′	
JULY 3. 9.57	11.20·68	JULY 2. 9·24	·22863	JULY 3. 9·03	52.38·07	·29938	JULY 3.14.10	52.32.87	·29842
.13.16	11.18·53	·12·25	·22863	12. 9.12	52.36·25	·29922	12·13.21	52.34·00	.29862
12· 9.13	11.20·14	9· 9·31	·22872	22·11·31	52·30·38	·29796	22.12.23	52.33·00	·29833
.14·13	11.15·45	·13·27	·22894	28·15·27	52·39.62	·29952	28.12.23	52·35·81	·29885
19· 9.14	11.19·22	16. 9·54	·22880						
.14.48	11.16·25	·15·16	·22871						
23· 9·13	11·23·68	23. 9·06	·22854						
·15·10	11·14·83	14·25	·22882						
28· 9·17	11·16.94								
13·10	11.25.75								

TABLE III.—MAGNETIC DECLINATION (WEST) at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

JULY 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. \ Hour
	11° +																
Midnight	19·8	19·8	20·0	18·4	19·4	20·2	20·0	20·0	19·0	19·0	19·8	19·8	19·4	20·0	20·8	20·2	Midnight
1h	19·4	19·6	19·8	18·4	18·6	19·8	20·0	19·9	19·0	18·8	19·2	19·8	19·7	20·0	20·3	20·0	1h
2	19·0	19·0	19·6	18·2	18·2	18·6	19·9	18·0	18·8	19·5	18·6	19·9	19·8	20·1	20·2	20·4	2
3	18·4	18·5	19·6	18·2	18·2	18·2	19·6	18·0	18·7	19·8	19·4	19·8	20·3	20·0	20·0	20·9	3
4	18·8	18·4	18·8	17·2	18·2	17·8	19·4	19·2	19·3	19·9	19·5	19·9	20·2	20·1	20·0	20·2	4
5	19·2	18·4	19·0	18·0	18·4	18·2	18·6	19·4	19·7	19·7	19·2	20·0	19·9	20·3	20·2	21·2	5
6	18·6	18·0	19·0	17·6	18·9	18·4	18·0	19·0	19·6	19·7	18·8	19·8	19·8	19·9	20·2	20·4	6
7	18·0	18·0	18·8	17·9	18·2	16·2	16·6	18·0	16·8	18·2	18·0	18·4	18·6	19·3	19·7	20·0	7
8	18·6	19·0	20·0	18·2	19·4	14·2	16·4	17·8	17·9	18·5	17·6	18·2	18·2	19·0	19·6	19·9	8
9	20·0	20·8	19·9	20·0	20·6	17·7	19·4	18·1	18·7	19·8	19·0	20·0	19·9	21·1	20·8	21·7	9
10	20·2	21·6	20·7	20·2	22·2	19·9	21·2	19·7	20·0	20·6	20·6	20·3	20·0	22·0	21·5	22·0	10
11	20·0	22·1	21·6	21·2	23·0	20·2	22·2	20·4	20·2	21·3	21·8	20·3	19·8	21·2	21·7	22·3	11
Noon	19·2	22·2	21·2	20·8	23·0	20·3	22·1	20·1	18·2	20·4	21·7	19·9	18·0	20·0	20·0	22·1	Noon
13h	18·0	21·0	20·0	19·0	20·0	20·0	20·2	20·0	17·5	19·0	20·5	18·6	16·8	20·0	18·0	21·0	13h
14	17·6	19·0	18·4	17·8	16·5	18·4	18·8	19·4	16·6	18·0	18·4	17·8	16·0	18·2	17·5	18·0	14
15	16·8	17·7	17·5	15·7	15·7	17·8	17·6	17·2	16·4	17·3	16·2	16·0	16·0	17·7	16·0	17·4	15
16	17·2	17·4	17·7	15·0	16·2	17·8	17·7	16·3	16·8	17·8	16·0	16·4	16·6	17·8	16·0	16·2	16
17	18·4	18·0	18·2	17·6	18·4	18·1	18·2	18·0	19·2	20·0	18·1	18·4	18·4	19·1	18·0	18·3	17
18	20·0	19·6	19·8	19·4	19·8	19·2	20·0	19·9	19·9	20·8	19·9	19·8	20·2	20·0	19·7	20·0	18
19	20·2	20·0	19·8	19·9	20·0	19·9	20·4	20·0	20·0	21·4	20·2	20·0	21·1	20·3	20·0	20·2	19
20	20·2	20·0	19·8	20·0	20·0	20·0	20·0	20·1	20·2	20·5	20·3	20·0	21·3	20·5	20·0	21·1	20
21	20·0	20·0	19·6	19·8	20·0	19·9	20·6	19·9	20·0	20·0	20·1	20·1	20·8	20·5	20·0	20·6	21
22	20·0	20·0	19·4	19·8	20·0	20·0	20·0	19·8	20·1	20·0	20·0	20·3	20·2	20·9	20·4	20·4	22
23	19·9	20·0	18·3	19·6	19·9	19·9	20·0	19·7	19·9	20·0	20·0	20·0	20·0	20·7	20·9	20·7	23

Hour. \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Day. \ Hour
	11° +																
Midnight	20·2	20·0	20·0	20·6	20·6	21·0	20·0	20·2	20·0	20·2	20·2	21·4	20·6	20·2	21·3	20·1	Midnight
1h	20·1	20·0	19·9	20·4	21·4	21·2	20·2	20·2	20·0	20·0	20·2	21·7	20·5	21·9	20·5	20·0	1h
2	20·0	20·0	20·0	19·9	20·4	20·8	20·0	20·2	19·9	19·8	20·1	21·6	20·3	21·0	20·3	19·7	2
3	20·0	20·2	19·8	19·2	20.2	20·0	20·2	20·2	20·2	19·8	20·5	21·5	20·2	20·3	20·2	19·7	3
4	20·3	20·0	19·4	18·3	19·9	20·0	20·2	20·1	20·0	20·2	20·3	20·4	20·3	20·5	20·2	19·6	4
5	20·2	19·8	18·6	17·0	19·8	20·6	19·9	20·1	19·8	20·3	20·0	19·8	20·4	20·0	20·0	19·5	5
6	20·0	19·6	18·2	16·2	18·4	20·5	19·8	20·0	19·2	20·2	20·0	16·0	19·0	19·8	20·0	19·1	6
7	19·8	19·5	17·8	18·0	18·0	20·3	19·9	19·0	18·4	18·4	18·8	14·0	19·8	18·6	19·8	18·4	7
8	19·7	19.8	17·9	18·0	19·3	20·8	20·5	19·5	18·6	18·0	18·6	14·0	20·3	20·0	20·5	18·6	8
9	21·3	20·0	19·0	19·0	20·5	22·0	22·4	22·0	21·5	20·5	20·9	16·2	21·7	22·0	21·6	20·3	9
10	21·8	21·0	20·0	21·8	21·8	22·4	23·0	24·0	22·2	22·3	22·0	17·8	21·8	24·4	24·2	21·4	10
11	21·9	22·0	20·0	22·0	21·6	23·6	22·8	23·8	21·9	22·1	22·0	18·5	23·2	25·9	24·5	21·8	11
Noon	20·4	21·9	19·9	20·6	20·0	22·0	21·7	20·0	18·0	20·0	21·0	19·3	21·6	24·3	23·0	20·7	Noon
13h	19·7	20·4	18·0	17·7	17·7	20·0	17·8	16·0	16·5	16·4	18·3	16·4	18·6	21·2	19·8	18·8	13h
14	18·0	18·8	16·4	17·0	14·4	17·6	14·2	13·9	15·4	16·2	16·5	16·8	17·8	17·0	16·9	17·2	14
15	16·8	18·0	16·2	16·6	13·8	16·5	14·0	14.3	15·8	16·2	15·8	16·3	17·0	16·8	16·2	16·4	15
16	17·5	17·6	16·8	17·8	14·5	17·2	16·3	16·0	16·1	17·8	16·2	16·7	17·9	16·5	17·7	16·8	16
17	18·0	18·2	18·2	19·4	17·6	19·4	19·0	19·0	18·2	19·6	19·5	18·0	20·3	18·1	18·3	18·6	17
18	19·8	18·9	19·9	20·0	19·8	20·3	20·3	20·5	20·0	20·1	20·0	20·2	22·0	20·0	19·6	20·0	18
19	20·2	20·0	20·2	20·4	20·0	21·0	20·2	21·6	20·9	20·3	21·7	21·8	21·9	22·0	20·1	20·5	19
20	20·8	20·2	20·3	21·0	19·9	20·3	20·4	21·5	21·1	21·2	21·6	21·7	22·0	22·0	20·0	20·6	20
21	20·7	20·4	20·5	20·7	20·0	20·8	20·3	20·8	20·3	20·5	21·0	21·7	22·0	21·9	20·5	20·5	21
22	20·4	20·5	20·3	20·6	19·8	20·6	20·2	20·7	20·4	20·0	21·5	21·6	22·0	21·6	22·2	20·4	22
23	20·0	20·7	20·1	21·7	21·5	20·4	20·0	20·6	20·0	20·0	21·8	21·0	22·0	20·5	23·7	20·4	23

TABLE IV.—MAGNETIC HORIZONTAL FORCE at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber).

JULY 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. \ Hour.
	·22000 + (C.G.S. UNIT.)																
Midnight	856	859	859	838	850	849	851	850	859	855	853	861	853	862	858	867	Midnight
1h	856	860	860	840	850	844	850	851	860	860	850	863	850	860	860	866	1h
2	860	861	861	842	851	848	850	860	860	865	860	864	850	864	862	868	2
3	861	860	862	848	854	853	857	862	867	865	862	865	854	868	864	867	3
4	860	862	862	850	854	860	859	860	862	867	863	869	863	870	868	870	4
5	864	869	864	855	855	860	862	860	861	868	862	870	866	871	871	877	5
6	865	864	870	859	859	860	868	860	864	867	865	877	869	871	875	880	6
7	867	870	872	860	864	861	870	865	868	871	872	881	870	872	880	884	7
8	864	871	870	861	868	870	877	868	874	873	879	883	878	879	885	884	8
9	865	868	860	861	871	875	876	860	877	872	884	884	882	880	889	883	9
10	870	870	860	860	877	882	869	869	885	877	886	887	888	878	890	883	10
11	878	871	863	859	880	890	876	868	883	880	887	891	883	879	888	882	11
Noon	875	870	868	866	879	890	883	873	884	880	887	885	880	873	890	880	Noon
13h	872	859	864	868	872	870	887	870	892	881	886	869	878	875	888	879	13h
14	866	860	861	861	869	863	873	862	890	880	880	868	880	872	877	877	14
15	860	860	853	845	860	850	870	860	869	882	860	869	873	868	874	871	15
16	860	860	850	839	854	849	859	850	866	872	853	865	864	860	869	865	16
17	860	860	849	840	830	851	857	850	864	863	856	863	859	860	869	868	17
18	861	864	851	842	850	850	860	854	865	862	859	862	862	861	871	871	18
19	860	863	850	840	866	846	858	852	864	861	860	860	866	864	870	872	19
20	863	862	845	840	860	851	860	853	862	860	860	860	865	866	870	873	20
21	862	860	840	841	848	855	859	854	853	859	859	861	862	862	870	874	21
22	860	860	840	849	849	856	850	856	851	857	860	860	861	860	868	875	22
23	859	859	836	850	850	851	850	858	852	852	861	857	861	857	871	874	23

Hour. \ Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31	Mean	Day. \ Hour
	·22000 + (C.G.S. UNIT.)																
Midnight	873	864	850	858	860	860	870	869	864	860	862	886	833	850	868	858·3	Midnight
1h	871	862	857	859	860	859	870	870	869	860	870	866	836	850	869	858·5	1h
2	869	864	856	859	862	858	870	871	871	865	869	850	837	850	871	859·6	2
3	869	864	860	860	861	857	870	872	870	870	866	860	832	846	870	861·2	3
4	870	860	861	861	863	856	871	873	870	870	870	853	838	867	877	863·2	4
5	875	865	869	863	861	854	874	875	873	867	874	858	841	883	878	866·0	5
6	880	870	870	864	860	856	873	876	877	871	876	864	845	891	877	868·5	6
7	885	870	875	867	868	861	871	880	880	880	880	855	849	894	884	871·8	7
8	888	868	878	869	870	865	870	880	879	895	873	847	852	891	883	873·9	8
9	891	865	880	866	870	869	866	880	878	900	872	841	855	879	886	873·7	9
10	894	863	881	861	864	870	862	870	877	891	870	835	848	877	885	873·5	10
11	892	859	883	857	863	865	867	860	876	886	864	836	840	873	882	872·9	11
Noon	887	858	878	850	870	861	864	860	889	878	862	844	846	885	889	874·0	Noon
13h	878	860	872	847	870	854	866	872	894	872	861	850	855	890	886	872·2	13h
14	870	860	867	849	850	852	874	885	888	880	860	851	861	877	877	869·0	14
15	865	855	856	850	843	853	870	880	872	878	860	850	860	860	869	862·7	15
16	860	850	847	851	844	856	868	885	864	870	858	845	853	852	864	857·8	16
17	860	849	848	856	853	857	869	882	860	865	859	851	844	856	856	856·9	17
18	862	849	849	860	859	864	870	884	860	861	855	850	842	859	838	858·3	18
19	865	851	850	860	861	866	869	885	862	860	859	843	841	860	832	858·6	19
20	867	853	850	860	863	865	869	876	863	860	858	839	840	861	820	857·9	20
21	867	850	854	860	865	868	869	869	862	860	845	834	836	864	805	855·7	21
22	866	847	855	860	865	869	868	860	862	860	832	833	837	867	811	855·0	22
23	865	849	857	860	864	869	870	855	862	861	847	832	838	866	802	854·7	23

TABLE V.—MAGNETIC VERTICAL FORCE AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber).

JULY 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour.
	·29000 + (C.G.S. UNIT).																
Midnight	879	878	877	879	875	875	876	874	874	876	875	874	877	875	878	876	Midnight
1h	879	878	877	880	875	875	876	874	873	873	874	873	876	875	877	877	1h
2	879	878	877	880	876	875	876	873	873	872	873	872	876	875	876	877	2
3	879	878	877	879	876	875	876	873	872	872	873	871	876	874	875	875	3
4	878	877	877	879	877	876	876	874	873	872	873	871	873	872	873	875	4
5	878	876	877	879	878	877	876	875	874	873	872	871	872	871	872	873	5
6	877	875	876	879	878	878	876	876	875	873	874	872	871	871	872	872	6
7	876	874	875	876	877	873	873	873	871	871	871	870	870	870	870	870	7
8	875	879	876	878	879	872	873	873	874	872	871	871	871	871	871	871	8
9	879	882	880	879	880	877	882	878	876	878	877	879	875	877	872	873	9
10	881	886	881	876	880	881	885	880	879	879	881	880	873	879	873	875	10
11	882	882	880	872	876	876	880	879	871	871	879	873	869	877	872	874	11
Noon	884	876	879	864	871	873	870	873	862	862	870	869	864	869	871	872	Noon
13h	880	871	873	850	856	868	860	864	859	857	860	868	859	863	862	871	13h
14	880	867	870	848	850	863	854	859	860	851	847	865	857	864	861	862	14
15	882	863	866	844	850	861	853	852	859	851	838	864	856	865	860	855	15
16	882	867	868	853	855	868	860	851	862	859	848	865	860	869	864	859	16
17	880	871	872	868	866	875	868	863	870	868	860	871	869	873	871	869	17
18	880	875	876	875	875	879	873	872	875	871	869	874	874	875	874	871	18
19	880	875	875	877	875	879	875	876	876	873	871	877	874	876	875	873	19
20	879	875	875	878	873	879	876	877	876	874	873	878	875	875	876	873	20
21	879	876	876	878	874	878	874	877	876	876	874	878	876	876	876	874	21
22	878	876	876	876	875	877	874	876	877	876	873	878	876	877	876	874	22
23	878	877	877	875	874	876	874	875	876	876	874	878	877	878	877	874	23

Hour. \ Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d	30d.	31d.	Mean	Day / Hour.
	·29000 + (C.G.S. UNIT).																
Midnight	875	875	877	875	872	872	870	870	869	870	870	876	880	880	876	875·0	Midnight
1h	874	875	877	875	872	872	870	869	867	869	870	876	879	880	875	874·6	1h
2	875	875	877	875	872	873	869	868	865	867	868	874	879	879	875	874·2	2
3	876	874	877	876	872	873	869	868	865	867	868	872	878	878	874	873·8	3
4	874	874	876	876	872	873	870	868	865	867	867	871	877	877	873	873·4	4
5	873	874	875	870	873	874	870	869	866	868	866	870	874	875	872	873·2	5
6	872	873	875	876	873	875	871	869	866	868	866	867	874	873	872	873·1	6
7	870	871	873	874	872	874	871	869	867	865	865	865	873	871	870	871·3	7
8	870	873	872	875	876	875	874	871	871	866	868	872	876	873	875	873·0	8
9	873	877	874	880	880	878	876	877	877	870	877	883	880	879	880	877·6	9
10	874	880	874	881	879	873	874	881	875	870	880	887	883	881	887	879·0	10
11	870	875	872	878	871	864	870	869	865	865	872	880	880	876	880	874·2	11
Noon	864	871	871	863	863	851	857	846	845	843	864	873	872	863	869	865·9	Noon
13	854	863	867	846	841	846	842	835	841	825	850	855	866	851	856	856·7	13h
14	849	860	868	840	839	848	831	836	838	836	842	858	863	848	858	853·9	14
15	853	860	870	850	850	850	836	845	842	848	843	860	860	855	860	854·9	15
16	858	861	874	861	867	860	851	856	850	856	853	863	860	862	866	860·9	16
17	868	869	878	870	874	870	862	864	859	863	865	870	869	868	871	868·8	17
18	872	874	880	875	878	872	869	868	866	868	869	872	872	870	876	873·2	18
19	873	874	879	876	876	871	870	869	869	870	871	875	874	872	877	874·3	19
20	873	874	879	875	876	871	870	869	870	870	871	877	877	873	878	874·7	20
21	872	875	877	874	874	871	870	868	870	871	873	878	876	873	881	874·9	21
22	872	875	876	873	873	871	870	868	870	871	877	879	878	873	890	875·2	22
23	874	876	875	872	872	870	870	869	870	871	879	879	880	874	884	875·2	23

TABLE VI.—RESULTS of METEOROLOGICAL OBSERVATIONS made at the AEROLOGICAL STATION Vacoas (424·5 metres above mean sea-level) during the MONTH of JULY 1926.

Month and Day 1926	Observations at 10 a.m.								Temperature of the Air.						
	Atmospheric Pressure.	Temperature of the Air.	Excess of Air Temperature over Evaporation	Temperature of the Dew Point.	Relative Humidity (Sat: 100)	Tension of Aqueous Vapour.	Wind. Direction in degrees.	Wind. Velocity.	Highest.	Lowest.	Range.	Amount of Cloud (Scale 0—10)	Amount of Rain measured at 10 m.	Duration of Bright Sunshine	Percentage of Possible Sunshine.
	mbs.	C	C	C	%	mbs.		m.p.s.	C	C	C		m.m.	hrs.	
JULY 1	969·3	21·2	2·2	17·3	79	19·6	292	1·2	22·9	15·5	7·4	4·5	3·7	5·7	52
2	970·8	20·1	1·9	16·7	81	18·8	303	7·2	21·7	16·6	5·1	1·0	0·1	10·3	94
3	973·4	19·2	0·9	17·5	90	19·8	292	4·8	20·0	16·6	3·4	7·5	2·2	4·3	39
4	974·1	19·2	0·4	18·5	96	21·1	303	8·5	20·3	14·0	6·3	6·9	4·5	8·2	75
5	974·1	17·9	0·5	17·0	95	19·2	292	10·6	20·0	17·0	3·0	7.7	23·4	4·5	41
6	972·9	20·1	2·8	15·1	73	17·0	270	8·8	21·8	16·4	5·4	5·0	7·2	9·2	84
7	971·2	17·9	0·6	16·8	93	18·9	292	1·1	21·6	15.4	6·2	4·4	2·6	6·9	63
8	970·3	20·1	2·1	16·3	79	18·4	270	3·0	21·6	16·3	5·3	3·0	1·0	9·1	83
9	971·4	20·6	2·3	16·5	77	18·6	292	4·8	21·8	16·5	5·3	3·5	1·0	7·7	71
10	972·1	17·9	0·9	16·2	89	18·2	292	6·3	20·7	15·4	5·3	5·2	2·2	8·5	78
11	972·0	19·8	2·5	15·3	75	17·2	270	5·0	21·7	15·9	5·8	3·7	6·5	7·6	70
12	971·1	19·9	2·4	15·6	76	17·6	281	3·5	21·2	15·4	5·8	4·9	1·9	8·1	74
13	968·8	18·3	0·9	16·6	90	18·7	292	3·5	20·0	15·7	4·3	5·9	9·6	6·9	63
14	968·7	19·8	2·8	14·8	73	16·7	292	7·2	21·3	15·6	5·7	4·0	0·0	9·0	82
15	968·3	20·2	2·8	15·3	73	17·2	247	7·0	20·5	15·5	5·0	5·4	0·5	8·4	76
16	967·7	20·1	2·2	16·2	78	18·2	236	7·9	21·8	16·0	5·8	6·6	0·5	4·6	42
17	969·1	18·6	0·5	17·7	95	20·1	259	1·2	20·3	17·8	2·5	10·0	6·4	0·0	0
18	967·9	19·6	0·5	18·7	95	21·4	236	8·0	20·2	18·3	1·9	10·0	21·5	0·0	0
19	968·2	19·8	0·8	18·4	92	21·0	270	1·3	21·8	16·4	5·4	9·6	23·3	0·0	0
20	969 2	20·6	1·9	17·2	81	19·4	315	0·6	22·7	15·2	7·5	3·2	0·5	10.8	98
21	968·5	20·1	2·2	16·2	78	18·2	292	6·7	21·8	16·2	5·6	1·1	0·0	10·0	91
22	970·9	20·0	3·0	14·6	71	16·5	281	8·5	21·9	15·0	6·9	0·0	0·0	10·5	95
23	971·9	19·6	4·3	11·9	61	13·8	281	1·2	21·4	10·9	10·5	1·4	0·4	9·8	88
24	971·0	20·2	2·2	16·3	79	18·4	326	0·6	21·3	13·1	8·2	6·6	0·0	3·1	28
25	971·5	18·4	1·1	16·4	88	18·5	315	5·0	20·2	16·2	4·0	9·1	0·0	4·1	37
26	973·2	19·7	2·7	14·9	74	16·8	315	4·0	20·1	15·5	4·6	6·9	1·7	10·1	91
27	974·6	17·9	3·2	12·0	68	13·9	292	2·7	19·9	13·9	6·0	8·6	8·5	8·8	79
28	974·1	18·4	2·7	13·5	73	15·3	292	7·5	19·4	13·8	5·6	8·7	6·3	6·8	61
29	973·5	18·2	2·3	14·0	76	15·8	292	7·0	20·1	14·2	5·9	7·7	10·1	9·7	87
30	973·4	15·6	0·7	14·3	92	16·2	303	8·5	19·0	13·6	5·4	7·9	20·1	6·9	62
31	973·9	19·6	2.6	15·0	75	16·9	281	8·3	21·0	14·6	6·4	3·0	0·9	10·1	90
Mean	971·21	19·3	1·9	15·9	81·1	17·9	284·3°	4.8	20·9	15·4	5·5	5·6	Sum 166·6	7·09	64·3
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

EXCESS OF CERTAIN ELEMENTS AT PAMPLEMOUSSES OVER THE CORRESPONDING ELEMENTS AT VACOAS.

Mean of the month at 10 a.m.:

Atmospheric Presssure	+42·5 mbs
Temperature of the Air	+ 3·2 C.
Vapour Tension	+ 0·6 mbs
Relative Humidity	−12·5 %
Direction of Wind	2·3° S.
Velocity of Wind	+ 0·1 mps.
Amount of cloud	− 0·3

Amount of rain	−68·2 m.m.
Duration of sunshine	+13.6 hrs.
Mean of highest temperatures	+3·0 C.
Mean of lowest temperatures	+2·5 C.
Absolute highest temperature	+2·4 C.
Absolute lowest temperature	+3·7 C

*South (0); West (8); North (16); East (24).

TABLE VII.—DAILY RESULTS OF METEOROLOGICAL OBSERVATIONS made during the month of JULY 1926.

Month and Day 1926.	Atmospheric Pressure		Temperature of the Air. (in degrees Centigrade.)					Excess of Air Temp. over Evaporation Temp.	Temperature of the Dew Point. (Centigrade.)		Degree of Humidity (Saturation=100)		Elastic Force of Vapour	Lowest Temperature on the Grass. (Cent.)	Rainfall.		Amount of Evaporation	Mean Amount of Cloud (Scale 0—10.)
	Mean	Excess above Average	Highest	Lowest.	Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average			Amount recorded by the Beckley Pluviograph.	Duration.		
JULY	mbs.	mbs.	c	c	c	c	c	c	c	c			mbs.	c	mm.	min.	mm.	
1	1011·2	− 2·5	25·3	17·6	7·7	21·2	+ 1·2	2·2	17·3	+ 1·6	79	+ 3	19·6	13·4	0·4	5	2·9	3·5
2	1013·0	− 0·8	25·2	17·0	8·2	21·2	+ 1·2	2·7	16·4	+ 0·7	74	− 2	18·5	12·3	0·0	...	3·5	1·8
3	1015·2	+ 1·4	24·2	19·0	5·2	20·9	+ 0·9	1·9	17·5	+ 1·9	81	+ 5	19·8	13·1	1·9	60	2·9	5·6
4	1015·9	+ 2·0	23·8	16·0	7·8	20·3	+ 0·3	3·1	14·8	− 0·8	71	− 5	16·7	12·7	0·0	...	3·5	4·1
5	1015·6	+ 1·7	23·1	18·9	4·2	20·8	+ 0·8	2·0	17·3	+ 1·7	81	+ 5	19·6	16·0	4·7	115	4·9	6·2
6	1014·6	+ 0·7	24·3	19·4	4·9	21·6	+ 1·6	3·4	15·6	0·0	69	− 7	17·6	14·0	0·2		5·2	3·4
7	1012·4	− 1·5	23·8	18·2	5·6	20·4	+ 0·5	2·0	16·8	+ 1·2	80	+ 4	18·9	13·9	7·2	50	5·7	5·4
8	1011·8	− 2·1	24·4	17·9	6·5	20·7	+ 0·8	2·1	17·0	+ 1·5	79	+ 3	19·2	14·2	1·8	15	2·3	4·7
9	1012·3	− 1·6	24·4	18·3	6·1	21·2	+ 1·3	2·3	17·1	+ 1·6	78	+ 2	19·3	15·0	1·1	25	4·6	6·5
10	1012·9	− 1·0	24·2	17·7	6·5	20·8	+ 0·9	2·5	16·3	+ 0·8	76	0	18·4	15·3	1·3	15	4·3	5·7
11	1013·3	− 0·6	24·0	18·9	5·1	21·3	+ 1·4	3·4	15·3	− 0·2	69	− 7	17·2	14·7	0·6	10	4·1	5·2
12	1012·6	− 1·3	24·3	17·9	6·4	20·8	+ 1·0	2·7	16·0	+ 0·5	74	− 2	18·0	15·0	3·4	55	3·1	6·0
13	1010·5	− 3·4	24·2	19·0	5·2	20·9	+ 1·1	2·5	16·5	+ 1·1	76	0	18·6	16·1	8·5	175	7·5	7·0
14	1010·5	− 3·4	23·6	18·9	4·7	20·7	+ 0·9	3·2	15·0	− 0·4	70	− 5	16·9	15·6	1·0	5	3·8	4·2
15	1009·8	− 4·1	24·1	18·1	6·0	21·1	+ 1·3	3·2	15·4	0·0	70	− 5	17·3	17·0	0·0	...	4·0	5·8
16	1009·1	− 4·8	25·2	19·2	6·0	21·9	+ 2·1	2·8	17·0	+ 1·6	74	− 1	19·2	17·1	0·8	25	3·0	8·2
17	1010·0	− 3·9	23·0	20·2	2·8	21·5	+ 1·7	1·1	19·6	+ 4·3	89	+ 14	22·6	18·8	16·4	340	2·1	10·0
18	1009·3	− 4·6	24·2	19·3	4·9	22·0	+ 2·2	1·4	19·5	+ 4·2	85	+ 10	22·4	16·9	21·0	350	6·6	10·0
19	1009·9	− 4·0	23·3	18·9	4·4	20·5	+ 0·7	1·4	18·0	+ 2·7	85	+ 10	20·4	16·2	11·9	150	4·9	9·8
20	1010·4	− 3·4	25·0	16·7	8·3	20·8	+ 1·0	2·4	16·6	+ 1·3	77	+ 2	18·7	12·9	0·0	...	3·8	0·7
21	1010·6	− 3·2	24·4	16·0	8·4	20·2	+ 0·4	2·6	15·6	+ 0·4	75	0	17·6	11·9	0·0	...	4·0	1·9
22	1012·2	− 1·6	24·0	16·1	7·9	20·0	+ 0·2	2·7	15·2	0·0	74	− 1	17·1	11·1	0·0	...	3·5	1·2
23	1013·0	− 0·8	24·1	14·6	9·5	19·2	− 0·6	3·3	13·2	− 2·0	66	− 9	15·0	10·2	0·0	...	3·2	1·4
24	1012·4	− 1·4	24·9	16·9	8·0	21·1	+ 0·3	2·7	16·3	+ 1·2	74	− 1	18·4	15·9	0·1	5	3·1	8·9
25	1013·3	− 0·5	23·7	20·0	3·7	20·8	+ 1·0	2·4	16·6	+ 1·5	77	+ 2	18·7	16·9	0·8	25	3·8	9·4
26	1014·6	+ 0·8	23·5	18·3	5·2	20·4	+ 0·6	2·9	15·2	+ 0·1	72	− 3	17·1	14·7	0·1	5	3·9	5·1
27	1015·7	+ 1·9	22·6	17·8	4·8	19·6	− 0·2	3·8	12·8	− 2·3	65	− 10	14·7	14·2	0·0	...	5·0	5·2
28	1015·8	+ 2·0	22·8	17·0	5·8	19·1	− 0·7	2·8	14·0	− 1·0	72	− 3	15·8	13·9	1·2	40	4·4	5·4
29	1014·9	+ 1·1	23·0	17·6	5·4	19·5	− 0·3	2·9	14·3	− 0·7	72	− 3	16·2	14·3	6·7	65	5·3	4·5
30	1014·9	+ 1·1	22·2	17·0	5·2	19·2	− 0·6	2·6	14·5	− 0·5	74	− 1	16·4	15·5	7·3	75	6·5	7·1
31	1015·4	+ 1·6	23·4	17·0	6·4	19·9	+ 0·1	3·4	13·8	− 1·2	68	− 7	15·6	14·5	0·0	...	5·0	2·0
Mean	1012·7	− 1·1	23·9	17·9	6·0	20·6	+ 0·7	2·6	16·0	+ 0·7	75·0	− 0·4	18·1	14·6	Sum 98·4	Sum 161·5	4·2	5·4
Aver.	1013·8	...	23·9	16·4	7·5	19·9	...	2·7	15·3	...	75·4	...	17·2	13·0	63·3	1461	3·4	4·9
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

GENERAL WEATHER CONDITIONS DURING THE MONTH OF JULY 1926.

Pressure was very variable during the month, after a sharp rise on the 4th, it fell rapidly and remained below normal until the 25th.

Temperature was generally above normal and was 0.7 above in the mean.

Relative Humidity was also very variable, but below normal in the mean, for the month by 0.4%.

Rainfall at the Observatory, was slightly in excess of normal; the percentage variation for the other districts of the Island, was as follows:—

Northern Districts	River System 1,	49%	above
Eastern Districts	,, ,, 2, 3, 4,	123%	,,
South-Eastern Districts	,, ,, 5 & 6	74%	,,

Western Districts	River System 11	113%	above
	,, ,, 12	55%	below
	,, ,, 13	no record	

19th October, 1926

TABLE VII.—DAILY RESULTS of METEOROLOGICAL OBSERVATIONS made during the month of JULY 1926.

Month and Day 1926.	Duration of Bright Sunshine.	Percentage of Possible Sunshine.	Wind: Components. North.	Wind: Components. East.	Wind: Resultant. Direction*.	Wind: Resultant. Velocity.	Wind: Observed Velocity. Mean.	Wind: Observed Velocity. Excess above Average.	Temperature of the Soil at a depth of. 10 Feet.	5 Feet.	2 Feet.	12 inches	6 inches	3 inches	Weather
JULY	hrs.	%	m.p.s.	m.p.s.	°	m.p.s.	m.p.s	m.p.s	c	c	c	c	c	c	
1	7·9	72	— 0·8	+ 1·7	295	1·9	2·0	— 1·7	25·8	25·1	23·6	22·7	25·8	23·0	f: c : f : b : .
2	10·3	94	— 1·8	+ 2·1	311	2·7	2·8	— 0·9	25·9	25·2	23·6	22·8	25·9	23·2	f. .
3	6·6	61	— 1·9	+ 3·7	297	4·1	4·2	+ 0·5	25·8	25·0	23·6	22·8	25·8	22·9	f. : cg. : cq. : f. .
4	9·8	90	— 2·3	+ 4·2	299	4·8	4·9	+ 1·2	25·9	24·9	23·5	22·7	25·9	22·3	f. .
5	8·3	76	— 2·5	+ 6·2	292	6·7	6·8	+ 3·1	25·8	24·9	23·5	22·3	25·8	22·3	cp. : cf. : cd. : f. .
6	9·8	90	— 0·2	+ 5·1	272	5·1	5·1	+ 1·4	25·8	24·9	23·4	22·2	25·8	22·5	f. .
7	6·3	58	0·0	+ 2·6	270	2·6	2·7	— 1·0	25·8	24·9	23·3	22·4	25·8	22·3	b. : cp. : f. .
8	8·8	81	— 0·7	+ 2·4	286	2·5	2·5	— 1·2	25·8	24·7	23·3	22·4	25·8	22·5	c: f : f. .
9	6·9	63	— 1·2	+ 3·2	291	3·4	3·4	— 0·3	25·8	24·9	23·3	22·5	25·8	23·1	cd. : c. : f. .
10	9·2	85	— 1·4	+ 4·0	289	2·1	4·3	+ 0·6	25·8	24·9	23·2	22·5	25·8	22·8	f. : c. .
11	9·5	87	— 0·8	+ 5·0	279	2·5	5·2	+ 1·5	25·8	24·8	23·2	22·5	25·8	22·5	c. : f : c. : f. .
12	8·5	77	— 0·8	+ 2·8	286	2·9	3·0	— 0·7	25·8	24·7	23·2	22·3	25·8	22·5	f: c : .
13	9·5	86	— 1·7	+ 3·6	295	4·0	4·1	+ 0·3	25·8	24·9	23·2	22·3	25·8	23·1	cr : cf. : f. .
14	10·1	92	— 1·6	+ 4·4	290	4·7	4·9	+ 1·1	25·8	24·7	23·1	22·3	25·8	22·5	f. : c. : f. .
15	7·9	72	+ 0·8	+ 3·8	258	3·9	3·9	+ 0·1	25·7	24·6	23·1	22·1	25·7	22·5	c. : f. .
16	4·7	43	+ 1·0	+ 3·0	252	3·2	3·2	— 0·6	25·8	24·7	23·1	22·2	25·8	22·8	c. f. c. ogp. .
17	0·0	0	+ 0·4	+ 2·8	262	2·8	2·9	— 0·9	25·7	24·7	23·1	22·3	25·7	23·1	or. .
18	0·0	0	+ 2·3	+ 3·2	234	3·9	4·5	+ 0·7	25·7	24·5	23·1	22·5	25·7	23·3	ogp. .
19	0·0	0	— 0·4	+ 1·6	284	1·6	2·0	— 1·8	25·8	24·7	23·1	22·5	25·8	23·0	o.g. .
20	10·5	96	— 1·1	+ 1·7	303	2·0	2·1	— 1·7	25·7	24·6	23·1	22·4	25·7	23·4	b. .
21	10·2	93	— 1·2	+ 2·4	297	2·7	2·7	— 1·1	25·7	24·5	23·1	22·5	25·7	23·0	b. .
22	10·3	94	— 0·8	+ 2·7	287	2·8	2·8	— 1·0	25·7	24·7	23·1	22·3	25·7	22·8	b. .
23	8·5	77	— 0·9	+ 2·1	293	2·3	2·3	— 1·5	25·6	24·4	23·1	22·2	25·6	22·4	b. .
24	3·2	29	— 2·4	+ 2·0	320	3·1	3·2	— 0·6	25·6	24·4	23·0	22·1	25·6	23·0	c. .
25	2·3	21	— 2·9	+ 3·8	306	4·8	4·9	+ 1·1	25·6	24·6	23·0	22·3	25·6	23·3	og : cg : ogq .
26	9·8	88	— 2·8	+ 3·9	306	4·8	4·9	+ 1·1	25·6	24·5	22·9	22·2	25·6	23·1	c : f. .
27	10·0	90	— 2·5	+ 4·3	300	5·0	5·1	+ 1·3	25·6	24·4	22·9	22·1	25·6	22·6	cf : f. .
28	8·2	74	— 2·6	+ 4·5	300	5·2	5·2	+ 1·4	25·6	24·5	22·9	21·8	25·6	22·0	f. : c. .
29	9·6	87	— 1·5	+ 4·9	287	5·1	5·2	+ 1·3	25·5	24·3	22·8	21·6	25·5	21·7	f : c. .
30	6·3	57	— 2·1	+ 5·2	292	5·6	5·7	+ 1·8	25·6	24·4	22·7	21·5	25·6	21·5	c : f. .
	10·3	92	— 0·8	+ 3·9	282	4·0	4·1	+ 0·2	25·6	24·3	22·6	21·3	25·6	21·7	b : f : b. .
Mean	7·53	68·5	—1·13	+3·45	288·1	3·63	5·02	+1·25	25·73	24·69	23·15	22·29	25·73	22·67	...
Average	7·73	70·0	—1·49	+30·3	296·2	3·38	3·77	...	25·17	24·44	...	...	21·45	21·35	...
Column	19	20	21	22	23	24	25	26	27	28	29	30	31	32	

MEANS AND EXTREMES OF CERTAIN METEOROLOGICAL ELEMENTS DURING THE MONTH OF JULY 1926.

Element	Highest			Date	Lowest			Date
Atmospheric Pressure	1016·9mbs	at	22h	on 4th & 10h on 28th	1007·9mbs	at 5h	on 16th & 14h, 15h 16h on 18th	
Temperature of the Air	25·3C	at	14·20	on 1st	14·6C	at	7·10	on 23rd
Daily range of temperature of the Air...	9·5C		...	on 23rd	2·8C		...	on 17th
Temperature of the Dew Point	20·9C	at	15h	on 17th	11·3C	at	8h	on 27th
Daily range of temperature of the Dew Point	5·9C	...	...	on 4th	1·5C		...	on 22nd
Relative humidity...	96·0%	at	0h	on 19th	48·0%		at 14h	on 23rd
Wind Velocity	10·0 m.p.s.	at	11h	on 5th	0·6 mps		often	often
Rainfall	31·1mm.	ending	4h	on 19th		...	...	...
Temperature of the soil at 3 ins. ...	25·2C	at	18h	on 20th	20·4C		at 9h	on 31st
,, at 6 ins. ...	22·9C	at	21h	on 20th	20·2C		at 9h	on 31st
Duration of sunshine...	10·5 hrs.		...	on 20th	0·0 hrs.		...	on 17th, 18th & 19th
Amount of Evaporation in 24 hours	7·5 mm.		...	on 13th	2·1 m.m.		...	on 17th
Vapour Tension	24·5mbs	at	15h	on 17th	13·3 mbs		at 8h	on 27th
Minimum on Grass	...		...	...	10·2C		...	on 23rd

Number of Days Overcast, 8, Clear 6, of Rain 22, of Lightning 0, of Thunderstorm 0.

Mean Day Temperature of Air, 21·99C. Average, 21·57C. Mean Night Temperature of Air, 17·62C. Average, 18·23C.

* South (0°); West (90); North (180°); East (270°).

TABLE VIII.—ATMOSPHERIC PRESSURE IN MILLIBARS AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(The values are corrected for temperature and for the effect of gravity, but are not reduced to sea level. (The cistern of the barometer is 55·2 metres above mean sea-level.)

JULY 1926.

Hour. / Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
	When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.																
Midnight	0120	0126	0151	0165	0166	0159	0138	0127	0126	0134	0133	0144	0124	0110	0110	0099	Midnight
1h	0119	0124	0151	0164	0165	0156	0136	0123	0124	0132	0131	0139	0121	0110	0109	0094	1h
2	0116	0123	0149	0158	0159	0152	0128	0119	0121	0129	0129	0134	0114	0106	0104	0087	2
3	0112	0120	0144	0157	0153	0149	0122	0114	0116	0127	0126	0125	0110	0104	0098	0081	3
4	0111	0119	0143	0155	0151	0147	0120	0110	0115	0126	0125	0120	0107	0105	0093	0080	4
5	0109	0120	0142	0152	0150	0148	0120	0110	0114	0127	0126	0119	0103	0100	0091	0079	5
6	0110	0121	0145	0155	0152	0149	0124	0114	0117	0128	0128	0122	0104	0102	0094	0082	6
7	0113	0123	0150	0159	0155	0151	0124	0118	0122	0133	0131	0126	0106	0107	0100	0088	7
8	0115	0129	0153	0164	0160	0157	0133	0124	0128	0139	0136	0133	0108	0109	0104	0095	8
9	0118	0136	0159	0167	0165	0162	0139	0128	0133	0142	0142	0135	0112	0115	0109	0099	9
10	0119	0137	0160	0165	0163	0159	0134	0130	0134	0143	0143	0134	0111	0114	0111	0102	10
11	0116	0132	0158	0162	0156	0155	0130	0126	0131	0139	0137	0132	0107	0112	0109	0099	11
Noon	0111	0128	0155	0159	0154	0149	0124	0121	0126	0132	0132	0127	0103	0101	0102	0095	Noon
13h	0102	0123	0147	0150	0150	0142	0116	0113	0119	0122	0127	0118	0098	0100	0094	0088	13h
14	0100	0120	0139	0148	0148	0137	0111	0108	0114	0118	0123	0116	0091	0099	0089	0083	14
15	0100	0120	0139	0146	0148	0134	0113	0107	0112	0115	0124	0114	0089	0096	0085	0080	15
16	0100	0120	0140	0149	0146	0133	0114	0110	0112	0114	0127	0117	0090	0095	0086	0081	16
17	0103	0125	0141	0152	0149	0136	0115	0111	0114	0117	0129	0118	0092	0098	0087	0083	17
18	0108	0131	0152	0157	0151	0138	0117	0115	0119	0120	0130	0121	0098	0100	0089	0088	18
19	0111	0136	0158	0160	0154	0139	0120	0120	0125	0125	0132	0123	0101	0101	0092	0099	19
20	0117	0143	0163	0163	0159	0140	0126	0121	0130	0131	0140	0125	0107	0107	0097	0100	20
21	0118	0148	0165	0168	01	0141	0130	0123	0133	0132	0143	0128	0109	0110	0098	0103	21
22	0120	0150	0167	0169	01	0142	0129	0125	0135	0133	0145	0127	0111	0110	0100	0102	22
23	0119	0151	0166	0167	0163	0141	0127	0124	0135	0132	0147	0126	0111	0110	0100	0104	23

Hour / Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Day / Hour
	When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.																
Midnight	0104	0101	0101	0111	0112	0117	0126	0132	0128	0144	0159	0168	0159	0151	0160	1013·2	Midnight
1h	0100	0100	0100	0109	0110	0115	0125	0131	0125	0143	0158	0165	0157	0150	0157	1013·0	1h
2	0098	0098	0098	0104	0108	0112	0123	0128	0122	0141	0154	0160	0150	0148	0149	1012·6	2
3	0097	0090	0091	0102	0104	0113	0121	0123	0119	0140	0150	0159	0148	0146	0149	1012·3	3
4	0094	0089	0087	0100	0100	0114	0122	0119	0120	0139	0151	0159	0144	0143	0149	1012·1	4
5	0092	0087	0086	0100	0101	0116	0124	0119	0118	0138	0150	0157	0143	0141	0150	1012·0	5
6	0095	0090	0094	0103	0102	0121	0128	0121	0121	0143	0151	0159	0145	0144	0151	1012·3	6
7	0101	0094	0101	0107	0106	0125	0133	0124	0126	0149	0154	0163	0149	0146	0153	1012·7	7
8	0108	0098	0103	0111	0109	0134	0140	0130	0135	0151	0160	0167	0154	0148	0160	1013·2	8
9	0113	0100	0105	0114	0112	0138	0143	0134	0138	0155	0166	0168	0159	0154	0161	1013·6	9
10	0112	0097	0106	0113	0116	0137	0144	0132	0142	0157	0168	0169	0160	0160	0160	1013·7	10
11	0111	0096	0104	0109	0114	0136	0140	0129	0143	0156	0167	0165	0165	0154	0157	1013·4	11
Noon	0106	0092	0097	0102	0108	0130	0134	0120	0137	0150	0159	0159	0146	0149	0152	1012·8	Noon
13h	0098	0085	0093	0098	0101	0122	0126	0117	0130	0144	0154	0154	0142	0142	0148	1012·1	13h
14	0091	0079	0094	0094	0095	0116	0121	0110	0128	0139	0151	0149	0134	0137	0144	1011·7	14
15	0092	0079	0090	0086	0091	0112	0119	0109	0129	0138	0150	0149	0133	0135	0142	1011·5	15
16	0092	0079	0091	0089	0091	0111	0120	0113	0132	0138	0150	0150	0136	0139	0143	1011·6	16
17	0091	0084	0094	0094	0095	0114	0122	0118	0136	0140	0151	0151	0139	0142	0147	1011·9	17
18	0100	0086	0100	0099	0100	0116	0127	0121	0140	0140	0152	0151	0145	0149	0153	1012·3	18
19	0100	0091	0102	0103	0107	0118	0130	0124	0140	0145	0156	0153	0151	0152	0157	1012·7	19
20	0103	0101	0110	0108	0114	0121	0133	0130	0141	0150	0163	0154	0157	0155	0161	1013·1	20
21	0106	0103	0113	0110	0116	0124	0136	0132	0143	0153	0164	0157	0154	0160	0163	1013·4	21
22	0107	0102	0111	0111	0118	0127	0136	0130	0147	0154	0167	0159	0151	0163	0165	1013·5	22
23	0101	0103	0111	0112	0120	0125	0133	0129	0146	0157	0168	0158	0152	0162	0163	1013·4	23

TABLE IX.—AMOUNT of CLOUD at every HOUR of the DAY (0 = CLEAR SKY, 10 = OVERCAST SKY).

Hour. \ Day.	July 1926.																															Mean.
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	
Midnight	6	0	1	2	9	3	1	8	7	3	7	2	10	2	6	7	10	10	10	4	0	0	1	5	10	9	7	3	4	9	1	5·1
1h	5	0	1	2	8	2	1	9	9	3	6	2	10	1	5	8	10	10	10	1	0	0	1	6	10	8	9	2	3	9	1	4·9
2	5	1	1	2	7	2	1	9	9	2	5	2	10	1	5	5	10	10	10	0	0	0	1	7	10	8	9	2	2	10	1	4·7
3	4	2	2	2	2	3	2	3	9	2	5	3	9	1	6	2	10	10	10	0	0	0	1	8	10	8	9	1	2	9	1	4·4
4	6	1	4	2	6	2	3	3	10	4	8	3	10	2	8	5	10	10	10	0	0	1	1	9	10	9	7	3	2	10	1	5·2
5	3	2	6	2	9	3	4	4	10	6	6	3	10	2	8	6	10	10	10	0	0	1	1	10	10	9	5	4	2	10	1	5·4
6	1	2	8	2	10	4	5	4	10	3	5	4	9	4	7	8	10	10	10	1	1	1	1	10	9	9	3	4	1	9	2	5·4
7	2	2	5	2	7	4	9	4	9	4	5	7	9	5	7	7	10	10	10	2	2	1	1	9	9	9	2	9	3	9	2	5·7
8	1	2	6	2	7	4	10	5	9	5	5	7	7	5	5	8	10	10	10	1	1	0	1	9	9	1	2	4	3	9	3	5·2
9	0	2	7	3	7	4	10	5	8	6	3	3	4	3	5	9	10	10	10	0	2	0	1	9	8	2	2	3	3	10	3	4·9
10	1	2	7	4	3	5	9	6	8	6	3	7	7	4	4	8	10	10	10	1	2	1	1	8	10	3	5	3	3	7	4	5·2
11	3	1	7	3	5	5	9	6	7	8	2	9	6	7	6	8	10	10	10	2	3	1	1	9	9	5	4	3	5	9	5	5·7
Noon	5	2	7	3	4	6	8	6	7	8	5	6	7	5	7	7	10	10	10	4	3	2	2	9	9	5	4	5	6	7	3	5·9
13h	5	5	7	5	8	6	6	5	7	6	7	5	8	6	6	8	10	10	10	3	6	2	2	9	9	5	4	6	7	7	3	6·2
14	6	5	5	7	9	4	7	5	7	9	7	5	7	6	6	9	10	10	10	1	5	2	2	9	9	5	5	7	6	7	5	6·4
15	8	4	9	8	4	4	6	5	6	9	6	4	5	8	8	10	10	10	10	0	4	2	2	9	10	5	6	7	4	8	3	6·3
16	8	4	8	9	8	4	10	5	6	8	7	5	5	7	7	10	10	10	10	0	4	2	2	9	10	4	5	9	4	7	3	6·5
17	7	3	9	3	8	5	7	6	5	7	7	6	4	6	6	10	10	10	10	0	3	2	3	9	10	3	4	9	4	5	2	5·9
18	5	2	10	4	10	4	4	4	4	3	4	8	3	5	5	10	10	10	10	0	3	2	3	9	10	3	4	9	4	6	2	5·5
19	4	1	9	9	8	3	2	2	3	5	8	9	3	3	4	10	10	10	10	0	2	2	2	9	9	3	8	9	9	6	1	5·6
20	2	1	6	6	5	2	2	1	1	8	7	9	7	2	5	10	10	10	10	0	1	2	1	10	9	2	7	8	10	8	1	5·3
21	0	0	4	2	3	1	1	1	2	8	4	10	9	2	2	10	10	10	10	0	1	2	0	10	9	2	5	8	4	2	0	4·3
22	0	0	3	4	2	1	3	3	3	7	3	10	7	4	4	10	10	10	10	0	1	1	0	10	9	3	6	7	6	1	0	4·5
23	0	0	2	6	2	1	6	5	2	6	2	10	5	7	6	10	10	10	8	0	1	1	0	10	9	4	5	5	9	1	0	4·6

TABLE X.—DURATION of BRIGHT SUNSHINE at every HOUR of the DAY as recorded by the CAMPBELL-STOKES SUNSHINE RECORDER.

Hour* Ending \ Day.	July 1926.																															Total.
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	
6h	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	hrs.
7	13	10	10	10	0	0	0	2	0	8	1	0	5	16	0	2	0	0	0	30	12	20	5	2	0	1	19	0	0	0	16	3·0
8	60	60	54	60	44	55	14	32	0	50	54	15	35	58	47	39	0	0	0	60	60	60	60	33	13	48	60	53	51	0	59	20·6
9	60	60	53	60	60	55	0	50	0	44	40	58	60	60	58	21	0	0	0	60	60	60	60	17	49	60	60	60	60	0	60	22·4
10	60	60	36	60	60	60	32	50	26	55	60	55	60	60	60	51	0	0	0	60	60	60	60	60	4	60	60	60	60	34	60	24·7
11	60	60	32	60	58	60	27	55	33	59	60	48	60	60	60	43	0	0	0	60	60	60	60	38	31	60	60	60	60	34	60	24·6
Noon	60	60	42	60	58	60	47	60	53	60	60	60	60	60	60	58	0	0	0	60	60	60	60	36	30	60	60	60	60	58	60	26·4
13h	60	60	45	60	50	60	58	60	55	60	60	60	49	58	60	45	0	0	0	60	60	60	60	3	11	60	60	60	51	58	60	25·1
14	60	60	42	58	55	60	60	60	60	48	60	52	55	57	57	24	0	0	0	60	60	60	60	0	0	60	60	60	59	59	60	24·4
15	19	60	54	45	50	60	56	60	60	60	60	60	60	50	53	0	0	0	0	60	60	60	60	0	2	60	55	55	60	50	60	23·2
16	20	60	20	53	59	60	58	60	60	60	60	60	60	60	15	0	0	0	0	60	60	60	18	0	0	60	60	25	60	50	60	21·3
17	0	59	7	58	6	59	23	37	57	45	54	40	55	57	5	0	0	0	0	55	55	55	5	0	0	60	47	0	55	35	56	16·4
18	0	10	0	6	0	2	0	0	10	1	0	0	10	8	0	0	0	0	0	4	3	5	0	0	0	0	0	0	0	2	10	1·2
19																																

The total amount of registered sunshine was 233·3 hours and the total possible sunshine 340·9 hours.
* Reckoned from apparent midnight.

TABLE XI.—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(*To obtain temperatures on the Absolute Scale add* 273)

JULY 1926.

Day. / Hour.	1d. Air.	1d. Excess of Air over Evap.	2d. Air.	2d. Excess of Air over Evap.	3d. Air.	3d. Excess of Air over Evap.	4d. Air.	4d. Excess of Air over Evap.	5d. Air.	5d. Excess of Air over Evap.	6d. Air.	6d. Excess of Air over Evap.	7d. Air.	7d. Excess of Air over Evap.	8d. Air.	8d. Excess of Air over Evap.	Day. / Hour.
Midnight	19·1	1·1	19·8	1·1	19·8	1·3	19·7	2·2	19·7	1·8	20·1	2·0	19·6	2·0	18·8	1·2	Midnight
1h	18·7	1·1	20·0	1·1	20·5	1·4	19·4	2·3	19·0	1·0	20·8	2·8	18·8	1·5	18·7	1·1	1h
2	18·6	1·1	19·7	1·2	20·0	1·4	19·0	2·3	19·3	1·3	20·5	2·6	18·8	1·7	18·8	1·3	2
3	18·4	1·0	19·2	1·2	19·9	1·3	18·3	2·3	19·6	1·5	20·5	2·6	19·8	2·3	18·4	0·9	3
4	18·4	0·8	18·6	1·0	20·1	1·2	17·2	2·2	19·2	1·2	20·3	2·3	20·0	2·4	18·6	0·8	4
5	17·7	0·9	18·4	1·2	20·0	0·9	16·1	2·0	19·5	1·3	20·0	2·0	19·8	2·2	18·3	0·9	5
6	17·7	1·0	17·8	0·8	20·0	1·5	17·2	2·2	20·0	1·6	20·0	2·1	19·1	1·6	18·7	1·1	6
7	17·8	0·9	18·3	1·2	19·1	1·4	18·0	2·7	19·7	1·6	19·6	1·6	18·7	1·7	18·0	0·9	7
8	21·0	1·6	20·0	1·7	20·9	2·1	20·4	2·8	20·0	1·3	21·0	2·8	19·3	0·9	19·1	0·9	8
9	22·7	2·4	22·9	3·4	22·9	2·9	22·0	4·1	21·6	2·3	22·7	3·7	19·2	0·9	21·1	1·5	9
10	23·9	3·4	23·5	3·9	22·7	2·7	22·6	4·9	22·5	3·3	23·3	4·3	21·0	1·1	22·6	2·6	10
11	24·6	4·6	24·6	4·6	23·2	3·0	22·8	5·6	22·8	3·0	24·1	4·4	22·4	2·4	23·4	3·4	11
Noon	25·1	4·1	24·9	4·8	22·4	2·4	23·1	5·6	23·0	3·0	24·1	4·7	22·9	2·9	23·9	3·9	Noon
13h	25·0	3·8	24·8	4·8	23·0	2·9	23·4	4·4	22·5	2·8	24·2	5·2	23·3	3·8	24·1	4·1	13h
14	25·2	4·1	24·7	4·7	23·2	3·3	22·3	2·3	22·7	3·1	24·1	5·0	23·2	3·8	24·1	4·1	14
15	24·9	3·8	24·6	4·6	22·5	2·7	22·7	2·9	20·9	1·5	23·8	5·6	23·0	4·0	23·7	4·4	15
16	24·1	3·2	24·0	4·8	21·1	1·4	22·0	4·2	22·2	2·6	22·9	4·2	22·4	3·2	23·4	4·0	16
17	23·0	2·6	22·5	3·7	21·3	1·8	21·5	4·3	20·0	1·2	22·6	4·6	21·4	1·8	22·3	3·3	17
18	22·0	2·0	21·7	3·3	20·0	1·1	20·0	3·0	20·2	1·3	20·7	3·2	20·1	1·3	20·7	2·1	18
19	20·9	1·7	21·3	2·8	20·0	1·0	19·7	2·2	20·7	2·2	21·0	3·4	19·0	1·1	19·6	1·6	19
20	20·4	1·7	21·0	2·9	19·9	1·2	19·5	2·3	21·4	3·3	20·8	3·5	19·5	1·4	20·1	1·6	20
21	21·0	2·0	20·0	2·1	19·9	1·7	19·4	2·4	21·3	2·6	20·8	3·7	19·3	1·2	20·2	1·2	21
22	19·8	1·6	18·7	1·6	19·9	1·7	20·0	3·0	20·6	2·0	20·1	3·0	19·2	1·1	20·0	1·2	22
23	20·7	1·7	19·4	2·2	19·9	2·0	20·1	3·0	20·0	1·2	19·7	2·4	19·0	1·1	19·9	1·2	23

Day. / Hour.	9d. Air	9d. Excess of Air over Evap.	10d. Air.	10d. Excess of Air over Evap.	11d. Air.	11d. Excess of Air over Evap.	12d. Air.	12d. Excess of Air over Evap.	13d. Air.	13d. Excess of Air over Evap.	14d. Air.	14d. Excess of Air over Evap.	15d. Air.	15d. Excess of Air over Evap.	16d. Air.	16d. Excess of Air over Evap.	Day. / Hour
Midnight	20·2	1·3	18·9	1·9	20·4	1·5	19·6	2·5	19·8	0·7	20·1	3·1	19·9	2·7	19·5	1·1	Midnight
1h	20·0	1·2	19·0	1·9	20·7	2·2	18·1	1·6	19·9	0·7	19·8	3·0	19·4	2·4	19·9	1·9	1h
2	20·0	1·0	19·0	1·8	20·8	2·6	19·3	2·3	19·9	0·8	19·3	2·9	18·4	1·6	20·1	2·2	2
3	19·5	1·0	18·8	1·1	20·5	2·2	18·9	2·1	19·8	0·8	19·2	2·6	19·3	2·3	20·6	2·2	3
4	19·9	1·0	19·1	1·4	19·8	2·0	18·5	1·3	19·1	0·5	19·6	2·7	20·0	3·1	20·1	2·1	4
5	19·6	1·0	18·9	1·1	19·9	2·3	18·1	1·2	19·1	0·8	19·1	2·4	20·4	3·4	20·3	2·2	5
6	19·8	0·8	18·6	1·5	19·0	2·4	18·3	1·6	19·1	0·9	19·6	3·4	20·3	3·6	20·4	2·1	6
7	20·1	1·1	17·7	1·4	19·9	2·2	18·6	1·4	19·3	0·9	19·6	2·9	20·2	3·3	20·7	2·5	7
8	20·9	1·4	19·8	2·2	21·0	2·7	19·7	1·8	21·0	1·7	20·8	3·2	21·1	3·8	21·8	3·0	8
9	22·4	2·4	21·9	2·9	22·0	3·1	22·1	3·8	22·1	2·8	22·0	3·8	22·2	4·2	22·7	3·8	9
10	23·3	3·3	22·5	3·4	23·1	5·1	23·0	3·8	23·0	4·0	22·1	4·2	23·2	4·8	23·7	4·1	10
11	23·9	3·9	23·3	3·4	23·5	5·2	23·8	4·4	23·3	4·2	22·6	4·5	23·6	4·6	24·4	4·6	11
Noon	24·1	4·1	23·4	4·1	23·3	4·6	23·4	4·4	23·4	4·2	22·4	4·2	23·5	4·5	24·8	4·8	Noon
13h	24·0	4·4	24·1	5·0	23·2	4·3	23·9	5·5	23·0	4·0	23·2	4·9	23·9	4·9	24·2	4·9	13h
14	24·3	4·5	23·3	4·3	23·3	4·8	23·1	5·1	23·0	4·0	22·0	3·1	23·2	4·7	23·8	4·8	14
15	24·0	4·5	23·2	4·0	23·2	5·2	24·0	5·3	23·2	4·2	22·0	3·2	22·9	4·9	23·7	4·2	15
16	23·4	4·3	22·9	4·1	22·9	5·0	23·6	5·0	22·5	4·0	22·0	3·9	21·1	3·0	23·2	3·4	16
17	22·5	3·6	22·1	3·6	22·0	4·4	22·5	3·4	21·6	3·6	21·6	3·5	21·9	3·2	22·9	3·2	17
18	20·8	2·3	21·0	3·2	20·9	3·0	21·7	2·7	20·2	2·7	20·2	2·6	21·2	3·2	21·9	2·3	18
19	19·9	2·1	20·3	2·5	20·8	2·8	20·6	1·6	19·7	2·4	20·2	2·3	20·9	3·3	21·8	2·3	19
20	19·5	1·9	19·8	1·5	21·1	3·3	20·7	1·6	19·6	2·4	20·2	2·3	20·9	2·0	21·2	1·7	20
21	19·1	2·0	19·9	1·0	21·0	3·5	19·7	1·1	19·9	2·8	20·1	3·0	20·1	1·3	21·0	1·4	21
22	18·9	1·6	19·8	1·0	20·5	3·5	19·2	0·9	20·0	2·9	19·8	2·5	19·9	1·2	21·1	1·3	22
23	18·3	1·4	20·0	1·4	19·4	2·4	19·5	0·8	19·9	2·9	19·6	2·0	20·2	1·3	21·1	1·5	23

TABLE XI. (*Contd.*)—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(*To obtain temperatures on the Absolute Scale add 273*)

JULY 1926

Hour \ Day	17d. Air.	17d. Excess of Air over Evap.	18d. Air.	18d. Excess of Air over Evap.	19d. Air.	19d. Excess of Air over Evap.	20d. Air.	20d. Excess of Air over Evap.	21d. Air.	21d. Excess of Air over Evap.	22d. Air.	22d. Excess of Air over Evap.	23d. Air.	23d. Excess of Air over Evap.	24d. Air.	24d. Excess of Air over Evap.	Day / Hour
Midnight	21·0	1·5	22·1	1·3	19·2	0·4	19·5	1·2	18·4	1·3	17·5	1·4	18·6	2·4	16·9	1·3	Midnight
1h	21·0	1·3	21·9	1·1	19·3	0·4	19·8	1·1	17·5	1·2	17·4	1·3	18·1	2·1	18·0	1·5	1h
2	21·0	1·4	21·8	1·0	19·2	0·5	19·1	0·5	16·9	1·0	17·2	1·3	18·6	2·6	18·4	1·5	2
3	20·9	1·1	21·7	0·9	19·0	0·6	18·7	0·7	17·0	1·3	17·3	1·3	18·0	2·1	18·3	1·5	3
4	21·0	1·0	21·4	0·9	19·0	0·5	18·4	0·8	16·4	0·8	17·6	1·5	16·9	2·0	19·0	1·6	4
5	20·8	0·9	21·9	1·2	19·1	0·5	17·6	0·6	16·8	1·1	17·7	1·8	16·4	1·6	19·4	1·7	5
6	20·6	0·8	21·7	1·1	19·4	0·6	17·0	0·6	16·5	1·0	16·1	0·8	15·9	1·4	19·5	2·0	6
7	20·7	0·8	22·1	1·5	19·5	0·6	16·9	0·8	18·3	1·3	17·0	1·3	14·8	1·1	19·6	2·5	7
8	20·6	0·8	22·4	1·4	20·0	0·7	19·3	0·9	20·6	2·5	20·2	2·7	18·6	1·8	21·7	2·9	8
9	20·6	0·6	22·2	1·4	20·6	0·7	22·2	2·6	22·2	3·2	22·0	3·5	21·5	4·0	22·3	3·3	9
10	21·2	0·8	23·2	1·9	21·3	0·8	23·5	3·5	23·2	3·8	22·7	3·9	22·7	5·4	23·3	3·9	10
11	21·0	1·0	23·1	1·7	21·9	1·1	24·2	4·1	23·8	4·6	23·3	4·4	23·2	6·7	22·9	3·7	11
Noon	21·9	1·1	23·6	2·3	22·8	2·1	24·7	4·7	23·9	4·6	23·9	5·0	23·8	6·8	24·4	4·4	Noon
13h	22·8	1·5	23·6	2·7	23·0	2·7	24·8	4·8	24·1	4·5	23·8	5·0	23·9	6·7	24·3	4·4	13h
14	22·7	1·3	23·5	2·7	22·9	3·4	24·8	5·0	24·1	4·4	23·6	4·6	23·9	6·8	23·5	4·1	14
15	22·3	0·8	23·0	2·0	23·0	3·7	24·7	4·9	23·7	4·3	22·9	4·0	23·9	6·5	23·3	4·0	15
16	22·1	1·0	22·1	1·1	22·4	2·6	23·8	4·4	23·1	3·9	22·7	4·2	22·2	5·2	22·9	3·1	16
17	21·8	1·2	22·4	1·4	21·4	2·5	22·5	3·4	22·1	3·3	21·8	3·8	21·3	4·6	22·0	2·5	17
18	21·2	0·8	22·7	2·1	20·7	2·0	20·9	2·9	20·9	2·6	20·0	2·6	19·6	2·8	21·3	2·3	18
19	21·6	0·9	22·3	1·6	20·1	1·6	20·1	2·5	19·9	2·1	19·0	2·1	17·7	1·8	20·8	2·4	19
20	21·8	1·2	21·0	1·0	19·8	1·5	19·9	2·4	19·9	2·4	18·7	1·9	16·3	1·8	20·7	2·5	20
21	21·8	1·1	20·4	0·9	19·7	1·6	20·0	2·0	19·6	2·3	18·5	1·8	15·5	1·5	20·5	2·2	21
22	22·1	1·3	19·6	0·7	19·6	1·6	19·4	1·6	18·8	1·9	19·1	2·3	15·0	1·3	20·4	2·1	22
23	22·2	1·4	19·4	0·8	19·7	1.6	18·7	1·6	17·9	1·7	18·9	2·1	15·0	1·2	20·3	1·8	23

Hour \ Day	25d. Air.	25d. Excess of Air over Evap.	26d. Air.	26d. Excess of Air over Evap.	27d. Air.	27d. Excess of Air over Evap.	28d. Air.	28d. Excess of Air over Evap.	29d. Air.	29d. Excess of Air over Evap.	30d. Air.	30d. Excess of Air over Evap.	31d. Air	31d. Excess of Air over Evap.	Mean Air.	Mean Excess of Air over Evap.	Day / Hour
Midnight	20·2	2·4	20·0	2·1	18·9	2·2	18·2	2·7	18·5	2·9	17·9	1·2	18·1	1·9	19·4	1·8	Midnight
1h	20·1	2·1	19·8	2·0	18·0	1·4	18·1	2·7	17·9	2·6	17·7	1·5	18·2	2·2	19·2	1·7	1h
2	20·3	2·4	19·6	2·2	18·1	1·9	18·2	2·9	17·9	2·6	17·4	1·3	18·6	2·7	19·2	1·8	2
3	20·3	2·4	19·3	2·0	18·3	2·3	17·9	3·0	17·8	2·4	17·5	1·0	18·6	2·6	19·1	1·7	3
4	20·5	3·0	19·2	2·2	18·4	2·6	17·8	2·5	18·3	2·6	17·6	1·1	17·8	2·0	19·0	1·7	4
5	20·3	2·6	19·5	2·4	18·1	2·8	17·7	2·4	17·9	3·0	17·3	0·9	17·7	1·8	18·8	1·6	5
6	20·3	2·8	19·3	2·3	17·8	2·8	17·5	2·0	18·1	2·9	17·1	1·2	17·9	1·9	18·7	1·7	6
7	20·4	2·5	18·9	2·0	18·0	3·2	17·0	1·1	17·8	2·3	17·6	1·9	18·2	2·3	18·8	1·7	7
8	20·9	2·3	20·8	3·0	19·6	4·6	19·6	3·0	19·5	2·9	18·2	2·1	19·9	2·9	20·3	2·2	8
9	21·7	2·8	21·9	3·4	21·0	5·2	21·1	4·2	21·0	3·6	19·0	2·1	21·0	3·5	21·7	3·0	9
10	21·6	2·5	22·7	4·1	21·7	5·7	21·2	4·4	21·9	4·2	19·0	1·4	22·1	4·4	22·5	3·5	10
11	21·8	2·7	22·9	4·2	22·0	5·7	21·1	3·5	21·9	4·0	19·7	2·1	22·8	5·2	23·0	3·9	11
Noon	22·3	2·9	23·1	4·2	22·3	6·1	21·8	4·4	22·8	5·0	21·0	2·8	22·9	5·7	23.3	4·1	Noon
13h	23·0	4·0	22·9	4·0	22·4	6·3	22·3	4·5	21·9	4·0	21·5	3·6	23·0	5·9	23·5	4·4	13h
14	22·4	3·4	23·0	4·5	22·1	5·9	22·1	4·9	21·8	4·0	21·8	4·1	23·0	5·8	23·2	4·2	14
15	21·2	1·5	22·3	4·1	21·9	5·7	20·5	3·0	22·1	4·2	21·3	4·3	22·8	5·3	23·0	4·0	15
16	20·4	1·2	21·6	3·7	21·1	5·3	19·2	2·2	21·3	3·6	22·2	5·3	22·4	5·3	22·4	3·7	16
17	20·1	1·1	20·7	3·5	20·3	4·8	19·0	2·1	21·0	4·1	20·8	4·4	21·5	4·6	21·6	3·2	17
18	20·3	1·4	19·6	2·9	19·2	3.8	18·7	2·7	19·6	2·9	20·0	4·0	20·0	3·1	20·6	2·5	18
19	20·2	1·6	19·1	2·6	18·7	3·3	17·8	1·4	17·8	1·3	19·7	3·8	19·2	2·9	20·0	2·2	19
20	20·2	1·8	19·0	2·4	18·1	2·8	17·5	1·2	17·7	1·4	19·6	3·5	18·5	2·5	19·8	2·1	20
21	20·7	2·5	18·8	2·2	17·9	2·0	18·0	2·1	17·9	1·7	18.9	2·8	17·9	2·4	19·6	2·0	21
22	20·6	2·5	18·7	2·2	18·0	2·3	18·0	2·3	17·9	1·7	18·5	2·7	18·1	2·1	19·4	1·9	22
23	20·3	2·3	18·6	2·2	18·1	2·6	18·2	2·3	18·0	1·1	18·3	1·7	17·4	2·1	19·3	1·8	23

TABLE XII.—NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(*The results are increased by* 90 *in order to obviate the necessity for signs. The unit in the table is* 0·1 *metre.*)

JULY 1926.

Day. / Hour.	1d.		2d.		3d.		4d.		5d.		6d.		7d.		8d.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	892	908	886	914	890	915	864	954	884	939	889	953	900	931	895	912	Midnight
1h	889	911	880	920	879	931	864	936	870	945	889	953	900	921	893	917	1h
2	892	908	885	915	881	919	868	932	867	949	889	955	900	922	897	917	2
3	892	908	889	911	886	922	875	925	877	956	890	949	900	935	897	913	3
4	892	908	892	908	882	927	875	925	866	951	891	943	900	944	897	917	4
5	892	908	892	908	895	922	882	918	878	953	892	941	900	945	894	915	5
6	887	913	892	908	892	920	883	925	874	964	886	936	889	927	892	919	6
7	891	909	890	910	890	915	882	927	874	962	891	944	893	916	894	914	7
8	886	914	887	906	884	924	876	936	872	967	889	956	900	920	894	914	8
9	889	926	878	922	886	935	880	949	857	965	900	963	907	916	889	929	9
10	884	940	872	941	882	943	856	966	863	989	900	970	882	918	900	929	10
11	900	924	866	934	883	943	873	965	862	992	900	971	911	929	884	939	11
Noon	906	929	876	936	879	952	872	967	864	987	900	976	911	953	906	928	Noon
13h	900	929	876	936	879	951	871	971	871	971	914	967	915	938	900	933	13h
14	905	926	868	947	873	965	872	967	871	969	914	979	900	945	900	938	14
15	900	922	876	936	877	955	874	962	872	967	900	957	900	943	900	938	15
16	900	925	869	931	880	948	875	960	875	960	900	958	889	926	886	934	16
17	891	913	865	935	877	934	882	944	876	958	910	948	907	917	887	932	17
18	892	910	873	927	881	946	883	925	880	949	900	943	906	908	893	916	18
19	892	910	884	916	885	937	905	922	877	956	900	940	907	915	889	916	19
20	887	913	889	917	868	932	887	934	887	965	900	937	900	922	885	923	20
21	889	911	891	913	876	936	882	927	900	961	900	938	893	916	887	933	21
22	885	915	896	907	873	941	879	931	900	960	900	933	894	914	890	925	22
23	883	917	892	911	868	947	872	941	889	953	900	931	894	915	887	919	23

Day. / Hour.	9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	N.	E.	N.	E.	
Midnight	887	919	891	921	892	939	892	919	897	914	885	937	900	940	897	916	Midnight
1h	900	939	890	925	890	948	890	923	895	923	883	941	900	940	896	921	1h
2	881	928	889	927	890	948	891	942	891	922	892	939	895	926	900	927	2
3	877	935	887	920	891	944	894	931	886	935	886	936	900	930	905	925	3
4	885	937	891	922	886	934	894	930	878	933	892	918	907	933	905	925	4
5	886	935	879	931	882	927	896	919	887	934	882	944	907	932	906	928	5
6	886	914	886	914	883	926	895	925	886	922	905	924	908	937	911	926	6
7	891	922	888	912	891	945	893	936	891	922	900	925	908	937	913	934	7
8	890	923	885	924	900	949	892	938	886	934	900	922	908	941	917	925	8
9	893	935	885	938	900	973	900	937	869	946	900	960	919	946	917	941	9
10	883	942	878	952	913	964	892	939	877	955	874	964	922	954	932	947	10
11	890	949	888	957	900	970	900	948	875	961	862	957	911	956	910	947	11
Noon	890	949	887	964	900	988	900	944	866	951	846	954	924	957	930	945	Noon
13h	891	943	886	967	886	969	900	942	888	958	871	969	920	948	921	952	13h
14	890	947	887	965	900	979	900	931	879	951	849	951	925	959	910	951	14
15	882	943	887	964	900	966	888	931	887	966	900	958	920	948	917	942	15
16	882	944	886	971	886	968	882	927	868	932	874	962	913	934	912	930	16
17	885	938	890	951	880	949	880	920	875	937	879	952	906	929	911	928	17
18	891	921	885	937	886	936	886	914	889	929	884	940	904	921	904	918	18
19	892	920	889	928	885	937	885	915	882	927	884	940	905	925	902	911	19
20	892	920	884	939	890	951	880	920	884	924	883	941	900	933	904	918	20
21	893	916	883	941	900	950	888	919	883	926	891	942	900	932	904	918	21
22	892	919	882	945	883	943	887	913	882	927	891	946	900	936	908	918	22
23	892	918	886	934	882	918	896	907	887	932	891	942	895	925	907	916	23

TABLE XII.—(*Contd.*) NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(*The results are increased by* 90 *in order to obviate the necessity for signs. The unit in the table is* 0·1 *metre.*)

JULY 1926.

Day. / Hour.	17d.		18d.		19d.		20d		21d.		22d.		23d.		24d.		Day / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	903	914	920	949	891	893	894	915	894	906	892	941	882	912	892	908	Midnight
1h	904	921	918	944	886	890	892	920	896	904	897	916	890	924	885	915	1h
2	903	915	919	946	893	891	890	914	896	904	894	927	888	918	887	913	2
3	903	917	917	943	877	905	888	919	896	904	895	926	887	919	883	917	3
4	903	915	920	948	890	902	887	913	896	904	896	919	893	917	884	916	4
5	900	916	920	948	886	906	892	908	896	904	897	917	892	918	878	922	5
6	903	913	919	946	894	908	888	912	896	904	899	907	894	913	884	916	6
7	901	907	928	941	897	906	890	910	889	911	893	916	893	917	875	925	7
8	907	915	926	940	895	926	894	906	881	929	892	919	894	913	873	918	8
9	900	918	930	946	900	938	892	908	883	943	893	936	887	920	868	921	9
10	895	923	930	945	900	931	883	917	878	953	891	946	894	930	862	925	10
11	895	923	939	939	900	938	881	929	880	948	891	942	893	935	864	924	11
Noon	896	920	939	939	900	931	888	930	880	948	891	943	888	930	875	925	Noon
13h	900	939	943	943	900	937	887	932	881	947	892	941	889	929	873	927	13h
14	900	926	943	943	897	915	881	928	883	943	892	939	888	931	866	934	14
15	924	936	941	941	900	914	894	931	885	938	892	937	895	926	878	932	15
16	906	930	932	932	907	916	893	935	884	940	891	943	891	921	870	920	16
17	900	943	913	934	904	918	886	921	877	934	886	935	896	919	876	910	17
18	908	938	923	934	903	916	888	918	889	916	888	931	897	917	872	919	18
19	909	943	923	935	895	924	891	913	887	919	888	931	894	914	877	910	19
20	909	943	935	893	896	919	887	913	887	920	894	913	893	915	876	910	20
21	909	944	913	880	900	914	886	921	893	909	896	910	893	917	885	910	21
22	910	949	888	888	896	918	894	906	891	912	892	918	887	932	878	922	22
23	910	951	894	896	894	915	895	905	887	919	893	909	891	922	871	943	23

Day. / Hour	25d.		26d.		27d.		28d.		29d.		30d.		31d.		Mean.		Day. / Hour.
	N.	E.	N.		N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnig	866	923	870	930	866	934	872	941	878	932	885	937	891	943	888	926	Midnight
1h	869	931	875	925	876	936	871	943	881	929	875	937	894	929	888	928	1h
2	865	935	873	927	872	928	875	937	881	929	869	931	892	940	887	927	2
3	869	931	871	929	886	935	868	932	878	933	874	940	895	926	888	927	3
4	870	946	871	929	886	922	888	919	885	938	883	941	890	925	890	926	4
5	866	951	876	924	877	923	883	926	886	935	864	954	892	920	889	927	5
6	855	945	871	929	879	932	879	931	882	944	864	955	897	915	889	925	6
7	872	942	887	913	871	943	879	921	885	937	878	954	884	940	890	926	7
8	887	933	876	936	859	941	879	931	881	946	871	970	891	944	889	931	8
9	876	936	872	941	879	952	879	950	888	957	878	954	900	955	890	941	9
10	871	943	871	944	878	953	871	969	885	974	859	941	900	965	886	947	10
11	871	944	879	952	869	975	870	973	886	968	878	953	900	976	887	950	11
Noon	864	954	878	954	872	967	868	978	884	980	870	972	900	970	889	952	Noon
13h	875	959	878	954	871	971	871	969	886	970	884	979	900	963	891	952	13
14	869	946	877	956	871	971	875	959	885	977	900	983	900	958	889	951	13
15	883	941	874	963	872	968	858	962	886	970	885	977	890	950	892	948	14
16	888	930	866	952	874	964	870	945	887	963	888	957	888	958	887	942	15
17	876	916	859	962	879	950	867	950	890	950	875	960	890	949	886	937	16
18	864	924	868	932	875	937	858	942	884	939	888	949	891	922	888	928	17
19	868	932	874	926	878	922	874	940	879	952	892	939	883	926	890	927	18
20	865	953	875	937	874	926	878	933	887	933	875	951	889	917	888	928	19
21	870	946	867	933	874	926	875	938	888	930	886	936	886	921	890	926	20
22	875	925	866	934	883	925	876	936	883	941	886	935	888	918	888	927	21
23	874	926	857	943	886	936	880	948	909	945	884	940	889	916	888	927	22

TABLE XIII.—DIRECTION and VELOCITY of the WIND at every HOUR of the DAY as recorded by the ROBINSON CUP ANEMOMETER, during JULY 1926.

The directions are given in points and the values indicate the direction from which the wind blows counting from South (0), West (8), North (16) and East (24).

The Velocities are given in Metres per second, using the factor 2·2.

*(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk *).*

JULY 1926.

Hour	1d. Dir.	1d. Vel.	2d. Dir.	2d. Vel.	3d. Dir.	3d. Vel.	4d. Dir.	4d. Vel.	5d. Dir.	5d. Vel.	6d. Dir.	6d. Vel.	7d. Dir.	7d. Vel.	8d. Dir.	8d. Vel.	9d. Dir.	9d. Vel.	10d. Dir.	10d. Vel.	11d. Dir.	11d. Vel.	12d. Dir.	12d. Vel.	13d. Dir.	13d. Vel.	14d. Dir.	14d. Vel.	15d. Dir.	15d. Vel.	16d. Dir.	16d. Vel.
Midnight	28	1·2	28	2·0	27	1·8	27	6·5	26	4·2	25	5·4	24	3·1	26	1·3	27	2·3	26	2·3	25	4·0	26	2·1	25	1·4	26	4·0	24	4·0	25	1·6
1h	28	1·5	28	2·9	27	3·7	28	5·2	27	5·4	25	5·4	24	2·1	26	1·9	24	3·9	26	2·7	25	4·9	26	2·5	25	2·4	26	4·4	24	4·0	25	2·2
2	28	1·1	28	2·1	28	2·7	28	4·5	27	5·9	25	5·6	24	2·2	25	1·7	27	3·4	26	2·9	25	4·9	25	4·3	26	2·4	25	4·0	25	2·7	24	2·7
3	28	1·1	28	1·6	27	2·6	28	3·5	26	6·1	25	5·0	24	3·5	25	1·3	27	4·2	27	2·4	25	4·5	25	3·2	26	3·8	26	3·9	24	3·0	23	2·6
4	28	1·1	28	1·1	27	3·3	28	3·6	27	6·1	25	4·4	24	4·4	25	1·7	26	4·0	26	2·4	26	3·7	25	3·1	27	4·0	26	2·0	23	3·4	23	2·6
5	28	1·1	28	1·1	25	2·3	28	2·5	26	5·8	25	4·2	24	4·5	26	1·6	26	3·8	27	3·7	27	3·2	25	1·9	26	3·6	26	4·8	23	3·3	23	2·9
6	28	1·8	28	1·1	26	2·2	27	3·0	26	6·9	26	3·9	26	2·9	26	2·1	28	2·0	28	2·0	27	3·1	25	2·6	27	2·6	23	2·5	23	3·8	22	2·8
7	28	1·3	28	1·4	27	1·8	27	3·3	26	6·7	25	4·5	26	1·8	26	1·5	26	2·4	28	1·7	25	4·6	25	3·7	26	2·4	24	2·5	23	3·8	22	3·6
8	28	2·0	30	1·4	27	2·9	27	4·3	26	7·3	25	5·7	24	2·0	26	1·5	26	2·5	27	2·8	24	4·9	25	3·9	26	3·7	24	2·2	23	4·2	21	3·0
9	26	2·8	28	3·2	26	3·8	26	5·3	27	7·9	24	6·3	22	1·8	26	3·1	25	3·6	26	4·1	24	7·3	24	3·7	27	5·6	24	6·0	22	5·0	22	4·4
10	26	4·3	27	5·0	26	4·7	27	7·9	26	9·7	24	7·0	28	2·5	24	2·9	26	4·5	26	5·7	23	6·5	25	4·0	26	6·0	26	6·9	22	5·9	21	5·7
11	24	2·4	28	4·8	26	4·6	26	7·0	26	10·0	24	7·1	22	3·1	26	4·2	25	5·0	25	5·8	24	7·0	24	4·8	26	6·6	27	6·9	23	5·7	23	4·8
Noon	23	3·0	27	4·4	26	5·6	26	7·2	26	9·4	24	7·6	28	5·4	23	2·9	25	5·0	25	6·5	24	8·8	24	4·4	27	6·1	28	7·7	22	6·2	21	5·4
13h	24	2·9	27	4·4	26	5·5	26	7·7	26	7·7	23	6·8	22	4·1	24	3·3	25	4·4	25	6·8	25	7·0	24	4·2	25	5·9	26	7·5	22	5·2	22	5·6
14	23	2·7	27	5·7	26	7·0	26	7·3	26	7·5	23	7·1	24	4·5	24	3·8	25	4·8	25	6·6	24	7·9	24	3·1	26	5·5	28	7·2	22	6·4	23	5·2
15	24	2·2	27	4·4	26	6·0	26	6·7	26	7·3	24	5·7	24	4·3	24	3·8	26	4·7	25	6·5	24	6·6	26	3·3	25	6·7	24	5·8	22	5·2	22	4·5
16	24	2·5	28	4·4	26	5·2	26	6·5	26	6·5	24	5·8	26	2·8	26	3·7	26	4·8	25	7·2	25	6·9	27	3·2	28	4·5	26	6·7	22	3·6	22	3·2
17	27	1·6	28	5·0	27	4·1	26	4·8	26	6·3	23	4·9	22	1·9	26	3·4	26	4·1	25	5·2	26	5·3	28	2·9	27	4·5	26	5·6	23	3·0	22	3·0
18	27	1·3	28	3·8	26	5·0	27	3·0	26	5·3	24	4·3	21	1·0	26	1·8	26	2·3	26	4·0	26	3·9	28	2·0	26	3·1	26	4·3	23	2·2	23	1·8
19	27	1·3	28	2·3	26	4·0	26	2·3	26	6·1	24	4·0	22	1·7	27	1·9	26	2·2	26	3·0	26	4·0	28	2·1	27	3·2	26	4·3	23	2·6	23	1·1
20	28	1·9	27	2·0	28	4·5	26	3·6	25	6·6	24	3·7	24	2·2	27	2·7	26	2·2	26	4·2	25	5·2	28	2·9	27	2·9	26	4·4	24	3·3	23	1·8
21	28	1·6	27	1·6	27	4·3	27	3·3	24	6·1	24	3·8	26	1·8	26	3·5	26	1·8	26	4·4	24	5·0	27	2·2	27	3·1	25	4·3	24	3·2	23	1·8
22	28	2·1	27	0·8	27	4·9	27	3·7	24	6·0	24	3·3	26	1·5	26	2·7	26	2·1	26	4·9	26	4·6	28	1·9	27	3·3	25	4·7	24	3·6	22	2·0
23	28	2·4	27	1·4	27	5·7	27	5·0	25	5·4	24	3·1	26	1·6	27	2·3	26	2·0	26	3·7	28	2·6	27	0·8	26	3·4	25	4·3	25	2·6	22	1·8

Hour	17d. Dir.	17d. Vel.	18d. * Dir.	18d. * Vel.	19d. * Dir.	19d. * Vel.	20d. Dir.	20d. Vel.	21d. Dir.	21d. Vel.	22d. Dir.	22d. Vel.	23d. Dir.	23d. Vel.	24d. Dir.	24d. Vel.	25d. Dir.	25d. Vel.	26d. Dir.	26d. Vel.	27d. Dir.	27d. Vel.	28d. Dir.	28d. Vel.	29d. Dir.	29d. Vel.	30d. Dir.	30d. Vel.	31d. Dir.	31d. Vel.	Mean Velocity
Midnight	23	1·4	22	5·3	3	1·1	26	1·6	28	0·8	25	4·2	29	2·1	28	1·2	29	4·1	28	4·3	28	4·8	27	5·0	27	3·9	26	4·0	25	4·4	3·1
1h	23	2·2	22	4·8	3	1·7	26	2·2	28	0·6	25	1·6	26	2·6	28	2·1	28	4·4	28	3·6	27	4·4	27	5·2	27	3·5	27	4·5	25	3·0	3·3
2	23	1·5	22	5·0	5	1·1	27	1·7	28	0·6	25	2·8	27	2·1	28	1·8	28	5·0	28	3·8	28	4·0	27	4·5	27	3·5	28	4·4	25	4·1	3·2
3	23	1·7	22	4·6	31	2·4	27	2·2	28	0·6	25	2·7	27	2·3	28	2·4	28	4·4	28	4·2	26	3·8	28	4·6	27	4·0	27	4·8	25	2·7	3·2
4	23	1·5	22	5·2	31	1·0	28	1·8	28	0·6	25	1·9	26	1·9	28	2·3	27	5·5	28	4·1	27	2·6	27	2·2	26	4·1	26	4·4	26	2·7	3·0
5	24	1·6	22	5·2	30	1·5	28	1·2	28	0·6	25	1·7	26	2·0	28	3·2	27	6·1	28	3·4	28	3·3	27	3·1	26	3·8	27	6·5	26	2·2	3·1
6	23	1·3	22	5·0	27	1·0	28	1·7	28	0·6	25	0·7	26	1·4	28	2·3	28	6·4	28	4·1	27	3·8	27	3·7	26	4·8	27	6·6	25	1·5	2·9
7	23	0·7	21	5·0	26	0·7	28	1·4	28	1·5	26	1·8	26	1·9	28	3·5	27	5·1	28	1·9	27	5·2	28	3·0	26	4·0	26	5·9	26	4·3	3·0
8	22	1·7	21	4·8	25	2·7	28	0·9	27	3·5	26	2·1	26	1·4	29	3·2	26	3·5	27	4·4	28	5·9	27	3·7	26	5·0	26	7·6	25	4·5	3·5
9	24	1·8	21	5·5	24	3·8	28	1·1	26	4·6	25	3·7	27	2·4	29	3·8	27	4·4	27	5·0	26	5·6	26	5·4	25	5·8	26	5·9	24	5·5	4·5
10	25	2·4	21	5·4	24	3·1	28	2·4	26	5·8	25	4·7	25	3·1	29	4·6	27	5·2	27	5·3	26	5·8	26	7·5	25	7·5	28	5·9	24	6·5	5·3
11	25	2·4	20	5·6	24	3·8	27	3·5	26	5·2	25	4·3	25	3·6	29	4·4	27	5·3	26	5·6	26	8·1	26	7·9	25	6·9	26	5·8	24	7·6	5·5
Noon	25	2·0	20	5·6	24	3·1	26	3·2	26	5·2	25	4·4	26	3·2	28	3·5	27	6·5	26	5·9	26	7·2	26	8·4	25	8·2	26	7·8	24	7·0	5·7
13h	24	3·9	20	6·1	24	3·7	26	3·4	26	5·1	25	4·2	26	3·1	28	3·8	26	6·4	26	5·9	26	7·7	26	7·5	25	7·1	25	8·1	24	6·3	5·5
14	24	2·6	20	6·2	25	1·5	27	3·4	26	4·6	25	4·0	26	3·3	28	4·8	27	5·6	26	6·1	26	7·7	26	6·4	25	7·9	24	8·3	24	5·8	5·5
15	21	4·6	20	5·8	24	1·4	25	3·2	26	4·1	25	3·8	25	2·7	27	3·9	26	4·4	26	6·8	26	7·4	27	7·5	25	7·1	25	7·8	25	5·1	5·1
16	23	3·1	20	4·5	22	1·8	25	3·6	26	4·3	25	4·4	26	2·3	29	3·6	26	3·2	27	6·2	26	6·9	27	5·4	25	6·4	25	5·8	25	5·9	4·7
17	24	4·3	22	3·6	23	1·8	27	2·5	27	4·1	26	3·8	25	1·9	30	2·6	29	2·9	27	7·4	26	5·4	27	6·0	25	5·1	26	6·5	25	5·0	4·1
18	23	3·9	21	4·1	23	1·6	27	2·1	27	1·9	26	3·3	25	1·7	29	3·4	29	4·4	28	4·6	27	4·5	28	6·0	26	4·2	26	5·3	26	2·4	3·3
19	23	4·4	21	4·2	25	2·5	27	1·6	27	2·3	26	3·3	26	1·5	30	2·5	28	4·6	28	3·7	28	3·2	27	4·8	26	5·6	25	4·0	27	3·1	3·1
20	23	4·4	15	3·6	25	1·9	28	1·9	27	2·4	26	1·4	26	1·7	30	2·6	27	6·4	27	4·5	28	3·7	27	4·0	26	3·5	26	5·5	27	2·0	3·3
21	23	4·5	11	2·4	24	1·4	27	2·5	27	1·1	26	1·1	26	1·9	29	1·8	27	5·5	28	4·7	28	3·7	27	4·6	26	3·2	26	3·9	27	2·5	3·1
22	23	5·0	4	1·7	25	1·8	28	0·9	27	1·5	26	2·0	26	3·4	28	3·1	28	3·5	28	4·8	27	3·0	27	4·4	26	4·4	26	3·8	27	2·1	3·1
23	23	5·2	3	0·7	26	1·6	28	0·7	27	2·3	27	1·1	26	2·4	27	5·2	28	3·7	28	6·1	26	3·9	26	5·2	23	4·6	26	4·3	27	1·9	3·1

d = direct r = retrograde.

TABLE XIV.—RAINFALL at every HOUR of the DAY at the ROYAL ALFRED OBSERVATORY, MAURITIUS for JULY 1926.

Hour Ending \ Day	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	m·m	m·m	m·m	m·m	mm.	m·m	m·m	m·m	m·m	m·m	m·m	m·m	m·m	m·m	m·m	m·m	m·m	m·m	m·m	m·m	m·m	m·m	m·m	m·m	m·m	m·m	m·m	m·m	mm	mm	...
1h	...	...	...	...	1·0	...	...	...	0·4	...	...	...	0.7	...	...	...	...	0·2	2·4	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	0·3	...	...	...	0·2	...	...	...	0·3	...	...	...	...	0·1	1·8	...	...	...	...	...	...	...	...	0·1	...	...	...
3	...	...	...	...	0·2	...	...	1·5	0·3	...	...	...	0·9	...	...	...	0·3	1·3	6·8	...	...	...	...	...	...	...	...	0·1	...	3·5	...
4	...	...	...	...	0·6	0·2	...	0·3	...	...	0·4	0·3	0·8	...	...	...	0·4	0·2	0·9	...	...	...	...	...	...	...	...	0·1	...	...	...
5	0·4	...	...	...	0·5	...	...	...	0·2	0·3	...	...	1·0	...	...	...	0·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	4.4	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	0·8	...	...	...	...	0·2	0.2	...	0·4	...	...	...	0·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	5.2	...	...	...	...	...	...	...	...	...	4·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	1·6	...	...	...	...	...	...	...	...	...	0·8	0·1	...	...	...	...	...	...	...	...	...	...	...	3·0	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·1	...	...	...	...	...	...	...	...	...	...	...	0·2	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·5	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...
Noon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...
13h	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	0.1	...	...	...	...	...	...	...	...	...	...	...	0·5	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	0·2	...	0·1	...	...	...	...	...	...	...	...	...	0·7	0·4	...	...	...	...	...	...	0·2	0·1	...	...	...	...	...
17	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	0·6	...	...	...	...	...	...
18	...	...	...	...	0·1	...	0·3	...	...	...	...	...	...	...	...	...	0·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	1·1	...	...	...	...	...	...	...	...	...	...	...	...	...	0·7	...	...	...	...	...	...	...	...	...	...	0·2	0·7	...	...
20	...	...	0·4	...	...	...	...	...	...	...	...	...	...	...	...	0·2	0·2	5·4	...	...	...	...	...	...	...	...	...	0·7	2·0	...	...
21	...	...	0·4	...	...	...	...	...	...	0·8	...	...	...	...	...	0·2	0·5	6·7	...	...	...	...	...	...	...	...	...	...	1·0	...	...
22	...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	0·4	0·3	2·5	...	...	...	...	...	0·1	...	...	...	...	...	...	...
23	...	...	...	...	0·8	...	...	...	...	...	...	1·0	...	1·0	...	...	...	1·2	...	...	...	...	...	...	...	...	...	...	2·0	...	...
24	...	...	...	...	0·2	...	...	...	...	...	...	1·1	...	...	...	...	...	2·8	...	...	...	...	...	...	...	...	...	...	1·0	...	...

TABLE XV.—TOTAL MONTHLY RAINFALL at VARIOUS STATIONS in MAURITIUS, grouped according to the RIVER SYSTEMS as indicated on the CHART for the MONTH of JULY 1926.

River System.	Register Number	Station	Approximate Altitude feet.	Total fall in inches.	Total fall in mill.	Normal in mill.	Number of days.
1	2	St. Antoine	50	5·02	127·8	69·6	12
	3	Belmont	50	5·27	128·8	66·0	9
	4	Poudre d'Or	20	5·25	128·3	64·0	13
	5	Mon Loisir (R.)§ ...	300	...	...	...	...
	6	Mon Loisir S. E.§ ...	300	...	...	...	...
	7	Forbach§	300	...	...	...	...
	8	Labourdonnais§ ...	290	...	...	...	...
	9	Beau Séjour	300	3·97	100·8	116·1	20
	10	Mont Piton	360	4·96	126·0	102·1	17
	11	Mon Choix	700	4·69	119·1	89·7	15
	12	Antoinette	640	6·97	177·0	104·9	16
	13	California§	850	...	...	...	...
	14	Nouvelle Découverte ...	1,400	7·15	181·6	112·8	13
	15	Mon Songe	620	5·39	136·9	113·0	13
	16	La Grande Rosalie§ ...	643	...	...	...	...
	17	The Mount§	325	...	...	...	...
	18	Botanic Gardens ..	325	4·32	109·5	82·8	18
	19	The Observatory ...	179	3.88	98.4	67·1	23
	20	Solitude§	175	...	...	...	...
	21	St. André	90	4·17	111·0	45·5	9
	22	Belle Vue Harel§ ...	350	...	...	...	...
	23	Mont Choisy§	10	...	...	...	...
	25	Esperance (Trébuchet)*	165	5·49	139·4	...	12
	28	Mon Rocher§	...	...	...	...	...
	45	Roche Bois Station§ ...	44	...	..	...	...
	46	Riche Terre Station§ ...	106	...	...	...	...
	47	Terre Rouge Station§ ..	137	...	...	...	...
	48	Mapou Station* ...	296	0·57	14·5	...	3
	49	Poudre d'Or Station§ ...	772	...	...	...	...
	50	Rivière du Rempart* ...	134	...	...	...	...
2 & 3	1	Union Réguard S.E.§ ...	600	...	...	...	..
	2	Constance d'Arifat L.G.	100	4·58	116·3	94·5	16
	3	St. Julien Church§ ...	1,050	...	...	...	...
	4	Riche Fund	600	7·48	190·0	122·7	22
	5	Constance (Manès)§ ...	..	...	...	...	...
	6	Queen Victoria§ ...	..	...	...	...	...
	7	Belle Mare§	...	...	...	...	...
	8	Bel Etang (Lesur)§ ...	...	...	...	...	...
	9	Belle Vue (Allendy)*	...	6·34	161·0	...	19
	10	St. Julien E(K. Reetoo)§	...	...	...	...	...
4	1	Sans Souci§	900	...	...	...	...
	2	Etoile§	400	...	...	...	...
	3	Beau Champ	20	12·43	315·7	...	23
	4	Belle Rive§	400	...	...	...	...
	5	Olivia	400	12·05	306·1	123·9	17
	6	Deep River§	350	...	...	...	...
	7	Belle Rose Estate§ ...	...	...	...	...	...
	8	Melrose§	...	...	...	...	...
	9	Bonne Veine*	...	...	...	...	...
5	1	Rose Belle§	850	...	...	...	...
	2	Riche-en-Eau§	460	...	...	...	...
	3	Ferney§	20	...	...	...	...
	4	Beau Vallon§	60	..	...	...	...
	5	Union Vale§	200	..	...	...	...
5 cont.	6	Mon Désert (Carié)* ...	75	...	...	...	...
	7	Cluny§	1,000	...	...	...	...
	8	Union Park§	...	...	...	...	...
	9	Sauveterre Estate* ...	...	5·26	133·6	...	14
	10	Bananes Estate§ ...	...	...	...	...	...
6	1	Kanaka	2,000	20·06	509·5	228·9	24
	2	Tivoli§	1,300	..	...	...	...
	3	La Flora*	1,050	12·59	319·8	...	20
	4	Britannia	730	6·87	174·5	166 6	18
	5	Savannah (Mill)§ ...	200	..	...	...	...
	6	St. Aubin§	300	...	...	...	...
	7	Union B.A.St.Félix S.E.§	90	...	...	...	...
	8	Beau Bois§	350	...	...	...	...
	9	St. Avold*	900	8·79	223·3	...	19
	10	Terracine§	100	...	...	...	...
	11	St. Félix S.E.§	...	...	...	...	...
	12	Bel Air§	...	...	...	...	...
	13	Chamouny§	...	...	...	...	13
	14	Union S. E.*	...	6·06	152·5	...	14
	15	Fontenelle*	...	7·98	202·7	...	...
	16	Combo§	...	...	...	...	...
	17	St. Felix (Wilson)§ ...	...	...	...	...	...
	18	Choisy Estate§	...	...	..	...	12
7, 8 & 9	1	Bel Ombre	40	4·00	101·6	81·8	13
	3	Beau Champ*	...	5·07	128·8	...	13
	4	Board*	...	5·72	145·3	...	...
	12	Tamarin Station§ ...	155	...	...	...	...
	13	Médine Station§ ..	184	...	...	...	...
	14	Albion Station§ ...	72	...	...	...	...
10		No returns	...	...	...	...	...
11	1	Les Gorges§	...	...	...	...	29
	2	Curepipe Gardens ...	1,840	11·93	303·0	197·4	26
	3	Mare aux Vacoas ...	1,850	17·41	442·2	254·5	25
	4	La Marie Filter Bed ...	1,700	12·80	325·1	150·4	...
	5	Réunion§	1,420	...	...	...	...
12	1	The Manse	850	3·08	78·2	53·8	23
	2	The Bower§	1,080	...	...	...	...
	3	Le Réduit (D. of A.)§...	1,000	...	...	...	...
	4	Alma	1,460	9·6 9	246·1	210·1	20
	5	Bagatelle§	1,250	...	...	...	...
	6	Highlands*	1,300	7·71	195 8	...	24
	7	Trianon	950	4·54	115·3	70·1	21
	8	Salency§	923	...	...	...	...
	9	La Ferme*	850	1·58	40·1	...	11
	10	Bon Air§	1,050	...	...	...	...
	11	Val Ory	1,100	4·95	125·7	81·3	27
	12	Ebène§	...	...	...	...	...
	13	Mon Rêve§	...	...	...	...	...
	14	Bassin§	...	...	...	...	...
	15	Hermitage§	...	...	...	...	...
	16	Côte d'Or	...	...	..	...	...
	17	Mon Repos§	...	6·94	176·3	...	15
13	1	The Albion Dock§ ...	18	...	...	...	...
	2	Institute§	...	0·14	3·5	...	1

*Normals not available. §Record not Received.

TABLE XVI.—OBSERVATIONS of the DIRECTION and VELOCITY of CLOUDS made at the AEROLOGICAL STATION VACOAS 424·5 metres above SEA LEVEL during the month of JULY 1926.

Type / Day	Time	Scud		Cumulus Cu. st. &c.		Alto cu: Alto st:		Cirro Cumulu		Cirro Stratus		Cirrus		Time	Scud		Cum: Cu. st. &c.		Alto Cum Alto St:		Cirro Cum		Cirro Stratus		Cirrus	
		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dr.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height
	h		°		°		°		°		°			h		°		°		°		°		°		°
1	...	..	...	...	...	...	...	...	...	...	...	...	...	12½	265	0·3	...	...	...	...	...	...	...	...	.	...
2	10h	315	0·7	315	0·7	...	...	...	...	...	..	...	...	14½	...	...	330	0·9	...	...	..	...	...	...	...	.
3	9¾	270	0·6	280	0·5	...	...	...	...	...	...	...	...	14½	270	1·0	270	0·7	...	...	..	...	...	...	...	...
4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	10h	290	0·4	300	0·4	...	...	...	...	...	...	...	...	12½	280	2·5	280	1·1	240	0·2	...	...	...	..	...	..
6	9¾	...	...	280	0·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	..	...	...	..
8	12½	..	...	270	0·3	...	...	...	...	105	0·1	...	...	14½	285	0·6	285	0·1	...	...	...	...	105	0·2	.	...
9	12½	..	...	280	0·6	360	0·2	...	...	...	...	...	...	14½	...	..	300	0·9	...	...	...	...	...	...	...	...
10	10	...	...	275	1·2	...	...	...	...	...	...	...	...	11¾	...	...	285	1·0	...	...	...	...		...	...	..
11	11½	270	2·3	270	0·2	...	...	...	...	...	...	...	...	14½	285	1·6	285	0·6	...	...	...	...	...	...	..	..
12	9¾	...	...	275	1·1	..	...	...	...	...	...	...	...	12½	270	0·9	270	0·5	...	...	...	...	...		...	
13	9¾	...	...	285	1·3	225	0·3	...	...	...	...	..	...	12½	...	...	275	0·6	...	...	...	...	...		...	..
14	9¾	...	...	300	1·4	...	...	...	...	...	...	..	...	12½	285	1·1	300	0·8	...	...	...	...	...	...	.	...
15	10	...	..	285	0·6	...	...	...	...	...	...	...	...	15¾	...	...	270	0·7	...	...	..	...	...	...	...	...
16	9¾	..	...	225	0·7	120	0·3	...	...	...	...	...	...	12½	240	1·0	240	0·9	120	0·2	..	...	...	...	120	0·2
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...	...	...	..	.	..	
18	...	..	..	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...		..	...
19	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	..
20	...	...	...	...	...	...	...	...	...	...	...	...	...	12½	...	...	330	0·3	...	...	...	...	..	.	...	
21	9¾	300	1·7	300	0·9	...	...	..	...	...	...	120	0·2	14¾	...	...	300	0·7	...	...	..	...	...	.	..	
22	...	...	...	...	...	...	...	...	...	...	...	..	...	..	...	...	...	..	...	...	...	...	...	..	..	..
23	...	..	..	..	...	...	...	...	...	...	...	...	...	...	...	...	..	..	...	...	..	...	...	...	...	.
24	10h	...	..	...	...	...	...	212	0·5	210	0·4	..	...	...	...	...	...	...	...	...	...	..	...		...	
25	..	...	...	...	...	...	...	...	...	...	...	...	...	.	...	...	..	...	...	...	..	..	.		..	.
26	11½	...	...	360	0·4	...	...	...	...	...	..	...	...	15½	300	1·4	315	0·8	...	...	..	...		..	.	
27	10	...	...	300	0·8	...	...	...	...	...	...	...	...	14½	...	...	330	0·7	...	...	..	..	...	.	..	...
28	10	315	0·9	295	0·2	...	...	...	...	...	...	...	...	13u	...	...	330	0·9	...	...	...	...	...	...	.	
29	10	...	...	300	0·6	...	...	...	...	...	...	...	...	12½	300	1·0	300	0·7	...	...	...	..	...	.	...	..
30	..	...	...	...	...	...	...	...	...	...	...	...	...	12¼	300	1·3	300	0·6	...	...	...	..	...	.	...	...
31	10	..	...	280	0·6	...	...	...	...	...	...	...	...	14¾	...	..	270	0·3	...	...	...	..	..	..	..	..

The Direction is that from which the Cloud travels, counting South (0°); West (90°); North (180°). The Velocity-Height-Ratio is given in milliradians per sec.

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NEW SERIES (MONTHLY). VOL. XII. PART 8 PRICE R. 0.75

ROYAL ALFRED OBSERVATORY, MAURITIUS.

(LATITUDE 20°5′·39 S.—LONGITUDE 3h 50m 12s·6 E.)

RESULTS

OF

MAGNETICAL AND METEOROLOGICAL OBSERVATIONS

FOR THE MONTH OF

AUGUST 1926

M. KŒNIG, A.INST.P.

ACTING DIRECTOR.

Published by Authority of His Excellency the Governor

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TABLE I.—RESULTS of MAGNETICAL OBSERVATIONS made during the MONTH of AUGUST 1926

Month and Day. 1926	Mean Declination (West)	Mean Horizontal Force. (C.G.S. Units.)	Mean Vertical Force. (C.G.S. Units.)	Daily Range of.† Declination.	Horizontal Force	Vertical Force.
	° ′				Unit 1 γ	
1	11·20·8	·22832	·29880	7·0	51	17
2	20·6	852	873	7·5	38	31
3	20·6	854	871	6·2	28	32
4	20·5	857	870	6·6	32	28
5	20·1	857	865	7·8	23	33
6	20·4	857	866	6·1	15	26
7	20·6	858	864	5·3	20	30
8	20·4	860	864	8·7	19	29
9	20·6	850	858	10·5	54	54
10	20·9	851	857	6·2	26	30
11	20·9	857	859	8·0	29	40
12	21·1	847	856	9·4	58	35
13	20·9	842	858	7·6	71	31
14	19·1	856	859	14·0	34	17
15	17·2	876	859	8·4	34	20
16	18·4	869	854	12·0	35	31
17	25·1	870	856	10·2	36	29
18	24.6	869	856	8·3	32	31
19	20·3	861	849	10·6	36	35
20	19·1	860	846	8·0	33	43
21	20·2	869	845	5·3	15	29
22	21·4	869	842	8·9	21	44
23	20·8	871	839	6·0	45	30
24	22·0	845	836	4·0	27	41
25	20·9	850	841	4·7	29	22
26	22·0	852	843	6·0	26	26
27	20·6	850	839	9·0	35	35
28	21·0	840	835	7·7	44	25
29	21·2	852	840	5·5	22	22
30	21·7	856	829	6·6	24	32
31	22·1	865	829	9·2	26	29
Mean	11·20·84	·22857	·29853	7·78	32·7	30.9

Description of the Principal Magnetic Disturbances.

The following notes give a brief description of the principal magnetic disturbances The movements in Horizontal Force and Vertical force are expressed in G.G.S. units.

The term "wave" indicates a movement in one direction and return; "double wave," a movement in one direction and return with continuation in the opposite direction and return; "fluctuations," a number of movements in both directions.

The extent and direction of the movement are indicated in brackets, + denotes an increase and—denotes a decrease of the Magnetic Element; ± denotes positive and negative movements of approximately equal extent.

13^d. 13^h. 15—Decrease in H.F. (50γ) continuing until 16^h.
18^d. 19^h. to 19^d. 0^h.—Fluctuations in H.F. Small vibrations in V.F.
19^d. $21\frac{1}{2}^h$.—Sharp decrease in H.F. (20γ) followed by immediate recovery.

T=0·37597: Mean Dip=θ=52°.32′·66. (X=·22410: Y=—·04497: Z=·29853).
† The daily range is the difference between the greatest and least hourly values.

TABLE II.—RESULTS of ABSOLUTE DETERMINATIONS of the MAGNETIC ELEMENTS during the MONTH of AUGUST 1926

Declination (West).		Horizontal Force (C.G.S. Unit)		Dip (South). A.M. Observations.		Resulting Vertical Force. C. G. S. Units.	P. M. Observations.		Resulting Vertical Force C.G.S. Units
Day and Hour.	Observed Value.	Day and Hour.	Observed Value.	Day and Hour.	Observed Value.		Day and Hour.	Observed Value.	
d h m	° ′	d h m		d h m	° ′		d h m	° ′	
AUG. 2. 9.16	11.19·20	AUG. 2· 8·55	·22858	AUG. 2. 9· 4	52.36·00	·29889	AUG. 2.14.44	52.34.75	·29868
.14.31	11.17·42	·14· 5	·22860	9. 9.11	52.32·25	·29846	9·13.11	52.35·50	.29881
9· 9.35	11.24·03	9·11·21	·22860	17· 9·25	52·32·50	·29869	17.13·33	52.31·50	·29850
.15·29	11.15·33	·15·13	·22835	27· 9·48	52·33.84	·29859	27.15.34	52·33·00	·29820
17· 9.49	11.29·83	17. 9·46	·22847						
.13.19	11.22·28	·14·26	·22877						
27·10· 7	11·24·28	23 9·13	·22870						
·15·21	11·16·47	13·59	·22885						
		30· 9·27	·22865						
		13·39	·22856						

TABLE III.—MAGNETIC DECLINATION (WEST) at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

AUGUST 1926.

Hour. / Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour
	11° +																
Midnight	23·6	20·8	21·0	22·0	20·8	20·6	20·8	20·6	20·4	21·4	21·4	20·8	21·8	21·8	13·5	21·2	Midnight
1h	22·8	20·6	20·5	21·8	20·7	20·2	20·3	20·7	20·3	21·5	21·9	20·9	21·7	21·3	14·0	20·4	1h
2	22·0	20·7	20·2	21·0	21·0	20·2	20·2	20·9	20·5	21·7	21·6	21·2	20·7	20·9	15·3	19·6	2
3	18·0	20·3	19·9	19·0	19·9	20·3	21·1	21·1	21·0	21·8	21·2	21·6	20·9	21·0	15·7	18·0	3
4	18·0	20·0	19·5	18·0	19·9	20·5	20·6	21·0	20·7	22·0	21·3	21·8	21·8	21·1	15·6	17·5	4
5	19·8	19·8	19·2	18·0	19·4	20·4	20·3	20·3	20·4	21·6	20·8	21·9	22·0	23·2	15·4	18·0	5
6	20·0	20·0	19·9	18·4	19·8	20·0	20·0	20·0	20·2	20·0	20·7	21·8	19·9	24·1	15·5	18·5	6
7	18·0	19·8	19·3	18·6	18·1	19·8	18·4	19·8	19·3	18·0	19·9	19·8	19·7	25·6	15·6	18·0	7
8	17·0	20·0	18·2	19·8	19·8	20·1	20·0	20·0	19·7	18·2	20·0	20·0	20·0	26·0	15·7	18·3	8
9	18·4	22·0	20·0	21·2	22·0	22·4	21·7	22·2	22·4	22·1	22·4	22·9	22·4	25·9	16·0	16·2	9
10	22·0	23·2	22·0	23·3	23·8	23·9	22·8	24·0	25·2	23·0	23·9	24·2	23·5	24·0	16·4	14·9	10
11	23·6	23·9	23·9	24·4	23·7	23·2	23·4	24·6	26·0	24·2	24·0	24·9	24·3	22·0	17·3	14·0	11
Noon	23·9	23·0	24·0	24·5	22·2	21·1	22·6	24·0	24·0	22·6	23·4	24·0	23·7	21·8	17·0	13·7	Noon
13h	24·0	21·2	22·8	22·4	19·6	17·9	21·7	19·0	18·3	20·8	20·2	22·3	20·3	20·3	16·0	13·5	13h
14	22·0	18·3	20·3	20·3	16·8	17·8	20·0	16·7	16·0	19·7	17·6	20·0	18·3	19·6	15·7	14·0	14
15	20·8	16·4	18·0	18·0	16·0	18·0	18·2	15·9	15·5	18·2	16·0	16·0	17·4	17·9	14·9	14·4	15
16	20·0	16·9	17·8	17·9	17·8	18·1	18·1	16·0	16·3	18·0	17·2	15·5	16·7	16·0	15·8	15·9	16
17	20·2	18·2	18·2	19·5	18·6	20·0	19·8	18·4	18·4	19·0	19·3	17·6	17·8	14·5	17·9	18·0	17
18	20·7	20·1	20·0	20·0	20·0	20·2	20·7	20·2	20·2	20·3	20·5	19·5	20·0	14·0	19·4	20·0	18
19	20·6	21·8	21·7	20·4	20·3	20·8	21·0	21·0	21·7	21·6	21·7	21·7	20·5	12·4	20·0	21·1	19
20	22·0	21·7	21·6	20·8	20·4	21·2	21·1	21·4	21·6	21·7	21·8	21·2	21·7	12·0	20·7	21·9	20
21	21·2	21·6	22·0	21·1	20·3	21·0	21·0	21·2	21·8	21·7	21·9	21·5	21·9	12·0	21·7	23·2	21
22	20·8	21·7	21·9	21·0	20·5	20·6	20·8	20·8	22·0	21·7	21·7	22·3	22·0	12·2	21·9	24·2	22
23	21·1	21·6	22·0	20·6	20·4	20·4	20·4	20·8	21·9	21·8	21·3	22·0	22·1	13·7	21·8	25·5	23

Hour. / Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Day. / Hour
	11° +																
Midnight	25·8	26·4	24·8	20·6	19·8	20·2	20·2	21·2	20·4	21·6	21·0	21·0	21·6	21·8	21·8	21·3	Midnight
1h	25·7	26·3	24·2	20·4	20·1	21·4	19·8	21·5	21·2	21·5	20·7	20·7	21·5	21·7	21·7	21·2	1h
2	25·8	26·5	24·2	20·2	20·5	21·8	20·1	21·0	21·9	21·4	20·1	20·3	21·4	21·8	21·2	21·2	2
3	25·8	26·0	23·8	20·0	20.3	22·0	20·5	21·3	21·5	21·8	20·5	20·5	20·7	21·9	21·5	20·9	3
4	25·7	25·7	23·2	20·4	20·4	22·0	20·7	21·4	21·0	22·0	21·2	20·6	21·2	21·9	21·8	20·9	4
5	25·9	25·0	22·1	20·3	20·2	21·9	20·4	20·3	22·0	22·0	21·7	20·9	21·8	22·0	21·9	20·9	5
6	26·2	24·2	21·8	20·5	20·0	21·2	19·9	21·1	21·3	21·9	20·8	20·2	21·9	21·5	20·6	20·7	6
7	29·0	24·0	20·2	20·0	19·9	20·3	19·3	20·0	20·2	21·0	19·7	20·0	20·3	20·6	29·7	20·1	7
8	29·9	24.4	21·3	19·9	20·2	20·0	19·4	20·0	20·0	22·2	19·0	20·8	20·9	21·0	20·6	20·4	8
9	30·0	25·3	22·2	20·2	21·3	22·0	21·8	22·3	19·8	23·8	22·0	23·0	22·5	22·8	24·0	22·0	9
10	29·8	25·9	23·8	20·9	21·6	23·7	23·3	23·9	22·0	24·7	23·9	24·1	23·4	24·6	26·0	23·3	10
11	28·1	26·6	23·7	22·0	22·7	26·2	24·0	24·0	22·0	25·6	24·0	24·3	23·7	24·5	26·9	23·7	11
Noon	26·6	28·0	22·8	22·0	23·3	26·4	23·8	23·0	20·0	25·3	22·2	22·8	22·8	24·2	27·4	23·1	Noon
13h	23·4	28·9	20·2	21·8	22·2	25·2	22·0	23·0	19·7	23·8	19·1	21·1	21·9	23·0	26·0	21·3	13h
14	22·0	27·8	17·8	19·7	21·0	23·3	21·1	22.5	18·2	22·0	15·0	20·0	20·0	21·9	23·8	19·7	14
15	20·0	25·7	15·7	17·3	19·3	20·0	19·7	21·7	18·6	20·0	16·0	17·7	18·5	19·3	20·5	18·1	15
16	19·8	24·0	14·6	14·7	18·4	17·5	18·0	20·2	18·1	19·6	17·8	16·6	18·2	18·0	18·2	17·7	16
17	20·3	21·9	14·2	14·0	18·0	17·7	18·5	20·7	20·2	20·0	20·0	17·8	19·3	18·2	19·3	18·6	17
18	21·7	20·8	14·9	14·5	18·5	19·5	20·0	21·8	21·3	20·4	21·3	20·4	20·7	20·4	20·1	19·7	18
19	22·2	20·6	16·3	14·8	18·9	20·1	21·6	22·0	22·0	22·0	21·9	22·0	22·0	21·5	21·0	20·6	19
20	23·6	21·7	18·0	17·0	18·6	20·0	21·5	24·0	21·9	22·0	22·0	22·0	22·0	21·9	21·5	21·0	20
21	24·2	21·1	19·6	18·1	19·8	21·2	21·3	23·8	22·4	21·9	22·0	22·0	20·8	21·8	21·6	21·2	21
22	25·1	22·0	20·0	19·8	20·0	21·7	21·4	23·7	22·8	21·8	21·8	22·0	20·8	21·7	21·7	21·4	22
23	25·7	22·8	21·0	19·9	20·0	21·5	20·7	23·9	22·0	20·5	20·9	21·9	20·8	21·6	21·0	21·3	23

TABLE IV.—MAGNETIC HORIZONTAL FORCE at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber).

AUGUST 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. \ Hour.
	·22000 + (C.G.S. UNIT.)																
Midnight	790	832	850	843	854	859	857	858	867	850	842	855	840	844	870	860	Midnight
1h	815	843	845	839	853	860	858	859	856	850	850	857	849	846	869	859	1h
2	827	840	850	842	849	860	852	859	855	852	850	856	850	847	871	862	2
3	832	844	853	847	850	859	860	859	851	861	855	855	856	844	871	862	3
4	832	840	858	850	853	860	865	860	850	861	853	858	855	850	870	862	4
5	825	843	855	859	860	861	864	861	855	855	858	860	847	850	873	863	5
6	830	848	857	860	863	860	864	863	862	852	860	860	870	850	880	863	6
7	829	849	860	860	857	860	870	867	865	860	860	868	868	859	888	865	7
8	831	854	866	868	859	860	870	865	865	862	864	872	870	860	895	870	8
9	834	861	870	871	872	852	865	862	867	860	869	873	867	864	900	878	9
10	837	869	866	869	866	850	864	861	870	859	868	870	858	873	900	885	10
11	840	870	862	867	870	854	860	858	873	862	870	865	855	865	900	893	11
Noon	841	860	863	875	869	865	861	852	857	859	871	864	850	862	895	888	Noon
13h	840	857	853	870	857	862	858	850	849	850	868	857	814	850	884	880	13h
14	840	855	849	868	853	855	857	850	853	853	865	848	799	839	874	880	14
15	835	854	848	855	851	855	853	855	852	856	860	832	816	841	870	872	15
16	830	850	843	846	853	854	850	858	847	848	852	823	832	850	867	869	16
17	829	850	842	842	850	851	850	861	837	838	850	815	822	860	858	860	17
18	830	854	850	848	852	850	850	861	836	836	851	815	813	864	856	859	18
19	834	856	853	853	856	852	850	860	828	842	850	828	825	865	860	858	19
20	835	854	859	855	854	854	850	860	822	844	850	833	836	865	865	861	20
21	841	852	855	856	855	856	850	863	819	846	850	827	838	860	861	860	21
22	841	850	849	858	856	856	851	868	830	840	853	821	832	857	870	873	22
23	840	850	847	858	856	854	854	869	845	840	855	831	845	859	875	865	23

Hour. \ Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31	Mean	Day. \ Hour
	·22000 + (C.G.S. UNIT.)																
Midnight	853	860	860	867	861	870	864	840	842	843	845	817	846	854	859	850·1	Midnight
1h	856	864	858	863	862	866	863	837	849	846	846	810	845	850	858	851·0	1h
2	861	871	859	861	867	869	868	844	863	849	852	820	845	846	857	853·4	2
3	861	875	860	840	870	870	869	840	857	852	855	830	848	847	855	854·5	3
4	861	873	864	842	864	870	871	845	847	852	859	836	850	847	860	855·4	4
5	862	871	860	843	861	862	873	842	840	850	858	842	852	850	861	855·3	5
6	866	872	865	843	869	875	878	848	841	850	860	846	855	852	860	858·8	6
7	870	875	859	856	872	878	885	847	842	850	859	852	860	857	872	862·1	7
8	874	880	870	870	875	876	886	851	845	851	859	851	862	860	860	864·8	8
9	882	886	864	864	876	880	881	850	850	855	858	851	860	861	867	866·4	9
10	888	884	876	873	876	881	880	862	855	859	860	854	861	861	870	868·2	10
11	888	884	873	870	872	880	882	861	862	862	861	850	855	862	875	867·6	11
Noon	889	887	871	872	871	876	884	861	869	867	866	849	850	870	880	867·3	Noon
13h	887	876	869	865	868	869	881	860	863	866	867	846	849	870	881	861·8	13h
14	883	865	869	870	870	865	881	856	852	866	864	837	845	858	875	857·9	14
15	872	855	860	862	869	864	882	850	850	860	840	830	840	850	868	853·4	15
16	870	859	852	850	865	860	875	838	849	850	840	827	840	850	867	850·4	16
17	863	857	849	853	870	860	870	835	848	841	840	835	846	855	860	848·3	17
18	861	855	853	861	870	862	875	835	846	849	841	838	851	855	860	849·6	18
19	864	855	857	863	869	870	863	835	842	848	839	840	855	856	862	851·2	19
20	867	863	853	868	870	868	860	837	843	849	838	847	857	855	862	852·7	20
21	869	860	840	862	870	868	850	835	847	848	836	850	858	855	865	851·7	21
22	870	861	860	861	872	867	850	838	850	847	832	849	858	855	865	852·9	22
23	867	858	868	860	871	865	841	837	847	847	832	848	858	858	863	853·6	23

TABLE V.—MAGNETIC VERTICAL FORCE AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber).

AUGUST 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day \ Hour.
	·29000 + (C.G.S. UNIT).																
Midnight	888	880	874	871	870	868	866	866	863	863	860	861	863	866	863	860	Midnight
1h	886	880	874	872	870	867	865	865	862	862	860	860	860	862	862	860	1h
2	884	880	874	872	871	867	865	864	862	861	862	860	859	862	861	860	2
3	881	880	874	872	871	868	865	864	861	861	867	860	858	861	861	858	3
4	878	879	874	872	871	869	866	864	861	861	864	859	858	860	859	858	4
5	879	879	876	872	871	870	866	865	862	861	863	859	858	860	859	858	5
6	879	879	875	873	871	870	866	866	862	861	862	859	855	860	858	857	6
7	879	878	872	871	870	870	865	866	861	859	863	857	853	860	855	855	7
8	874	880	872	875	873	872	870	870	865	863	865	859	860	861	858	858	8
9	880	883	880	880	875	876	875	875	871	870	869	868	864	863	862	863	9
10	886	880	879	882	875	873	877	877	876	870	873	868	870	865	868	863	10
11	886	872	875	876	865	869	868	872	870	862	874	859	868	861	866	862	11
Noon	884	868	872	868	850	660	860	859	856	850	862	851	862	854	865	855	Noon
13h	882	863	861	857	842	851	856	849	833	845	851	850	850	850	861	844	13h
14	876	855	851	855	844	850	850	848	822	840	840	841	844	849	851	835	14
15	871	852	848	854	849	852	847	850	826	840	834	833	839	849	848	832	15
16	873	860	857	860	857	860	849	853	837	841	838	838	843	850	848	838	16
17	877	870	868	870	865	867	858	860	850	845	849	849	853	858	853	850	17
18	880	872	873	872	868	870	866	865	859	849	857	856	859	862	858	853	18
19	880	873	873	872	869	870	868	866	862	856	860	860	861	861	858	853	19
20	881	874	872	872	869	870	869	867	865	860	862	860	862	862	859	854	20
21	880	874	873	872	870	869	869	867	869	860	863	860	865	862	860	855	21
22	880	874	874	871	868	868	868	867	868	860	864	861	869	863	860	860	22
23	880	874	875	870	867	867	867	866	866	860	864	863	868	863	860	856	23

Hour. \ Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d	30d.	31d.	Mean	Day \ Hour.
	·29000 + (C.G.S. UNIT).																
Midnight	857	856	855	851	848	847	844	842	843	845	845	841	839	836	833	856·9	Midnight
1h	858	856	854	851	848	847	843	841	842	843	843	840	839	836	833	856·2	1h
2	857	857	854	852	848	847	843	840	841	841	842	840	839	836	833	855·9	2
3	857	855	854	852	849	847	842	840	840	841	841	839	838	836	834	855·7	3
4	857	856	855	853	849	847	843	840	840	840	840	839	837	835	834	855·4	4
5	856	856	855	853	849	849	842	840	840	840	840	838	837	834	833	855·5	5
6	855	855	855	853	850	848	842	840	840	840	840	837	836	833	833	855·2	6
7	854	852	854	850	850	846	840	839	839	840	839	835	835	833	830	853·9	7
8	854	854	856	854	854	852	845	841	841	845	845	840	832	835	835	856·7	8
9	861	863	861	860	857	855	846	847	850	853	853	842	843	840	840	862·1	9
10	868	870	862	862	854	855	850	850	852	859	855	845	845	836	841	864·1	10
11	869	870	855	853	846	850	845	844	849	860	848	844	854	831	836	860·0	11
Noon	865	861	849	838	833	840	834	831	840	849	831	830	846	829	828	851·0	Noon
13	854	853	839	828	829	825	827	815	830	841	821	826	837	822	825	842·5	13h
14	848	844	829	821	828	811	822	810	832	836	820	821	832	815	818	836·7	14
15	840	839	827	819	830	815	820	809	835	834	823	820	833	808	812	835·1	15
16	842	841	830	825	833	821	824	818	838	835	832	820	836	809	812	839·3	16
17	848	850	840	837	839	834	832	827	840	838	837	825	840	813	816	847·0	17
18	853	859	848	846	845	841	841	837	842	841	840	833	843	824	823	852·7	18
19	857	860	850	848	848	845	842	840	843	842	840	835	844	830	827	854·6	19
20	856	860	850	850	850	845	843	841	843	843	840	836	843	831	828	855·4	20
21	857	857	851	850	850	846	845	842	845	845	840	837	844	832	829	856·1	21
22	857	856	852	850	850	845	844	842	845	845	840	837	845	833	830	856·3	22
23	855	855	851	850	850	845	843	842	845	845	840	839	846	834	830	856·0	23

TABLE VI.—RESULTS of METEOROLOGICAL OBSERVATIONS made at the AEROLOGICAL STATION Vacoas (424·5 metres above mean sea-level) during the MONTH of AUGUST 1926.

Month and Day 1926	Observations at 10 a.m.								Temperature of the Air.						
	Atmospheric Pressure.	Temperature of the Air.	Excess of Air Temperature over Evaporation	Temperature of the Dew Point.	Relative Humidity (Sat: 100)	Tension of Aqueous Vapour.	Wind. Direction in degrees.	Wind. Velocity.	Highest.	Lowest.	Range	Amount of Cloud (Scale 0—10)	Amount of Rain measured at 10 a. m.	Duration of Bright Sunshine	Percentage of Possible Sunshine.
	mbs.	C	C	C	%	mbs.		m.p.s.	C	C	C		m.m.	hrs.	
AUG. 1	973·6	19·0	2·9	13·8	71	15·6	281	6·7	20·0	13·2	6·8	4·0	1·9	9·4	84
2	973·1	19·9	2·8	14·9	73	16·8	292	6·0	21·3	15·0	6·3	3·5	0·5	10·6	95
3	973·3	19·5	0·4	18·8	96	21·5	270	6·0	21·0	18·3	2·7	7·9	9·7	6·7	60
4	972·5	18·9	0·8	17·4	91	19·7	259	4·0	21·1	17·7	3·4	7·0	3·7	4·1	37
5	971·9	20·6	3·5	14·4	68	16·3	236	3·0	22·1	16·0	6·1	3.6	0·5	9·0	80
6	970·5	21·0	4·1	13·7	63	15·5	213	3·3	22·4	15·5	6·9	4·0	0·0	9·0	80
7	970·3	19·3	1·7	16·3	83	18·4	113	0·6	23·6	15.3	8·3	8·6	0·2	...	...
8	972·9	18·7	1·2	16·5	87	18·6	292	6·0	21·1	14·9	6·2	8·1	19·5	...	...
9	974·0	17·4	0·3	16·9	96	19·0	292	9·2	18·9	16·0	2·9	7·9	17·4	...	...
10	972·9	17·9	0·5	17·0	95	19·2	303	0·7	19·9	14·0	5·9	5·9	6·0	...	...
11	971·5	20·1	2·2	16·2	78	18·2	303	0·6	20·3	14·7	5·6	7·7	0·6	...	...
12	971·0	20·0	2·1	16·2	78	18·2	247	0·6	20·7	15·5	5·2	8·8	5·5	...	...
13	970·8	20·9	2·3	16·8	77	18·9	337	0·6	22·4	16·0	6.4	7·0	18·5	...	...
14	971·3	19·8	2·2	15·9	78	17·9	292	2·0	21·7	15·6	6·1	4·4	2·0	...	...
15	971·8	20·2	1·8	17·0	82	19·2	281	1·0	22·5	16·2	6·3	7·2	0·0	2·5	22
16	970·2	20·8	0·9	19·2	91	22·0	270	0·8	21·0	16·0	5·0	9·9	1·2	0·0	0
17	970·9	17·5	0·3	17·0	97	19·2	315	1·9	28·6	16·0	2·6	10·0	17·7	0·0	0
18	971·9	19·2	0·6	18·1	94	20·6	270	0·7	20·9	16·4	4·5	10·0	31·2	0·2	2
19	971·4	20·9	2·2	17·0	78	19·2	281	0·6	22·5	16·8	5·7	8·7	1·6	5·0	44
20	971 6	19·2	0·7	17·9	92	20·3	281	4·6	21·3	17·7	3·6	9·4	4·5	...	...
21	974·2	20·2	2·1	16·5	79	18·6	270	4·2	21·9	17·0	4·9	8·8	2·5	....	...
22	974·9	20·5	2·6	15·9	75	17·9	292	1·5	22·2	15·3	6·9	7·0	0·0	...	...
23	974·1	20·5	2·8	15·6	74	17·6	292	3·9	21·3	16·5	4·8	5·2	0·0	...	...
24	972·7	20·0	3·8	13·2	65	15·0	292	5·5	21·3	15·4	5·9	4·0	0·0	11·3	98
25	973·3	20·2	3·3	14·4	69	16·3	292	5·5	22·5	14·7	7·8	2·2	0·0	11·1	97
26	972·4	18·8	1·9	15·4	80	17·3	292	4·0	22·2	15·8	6·4	6·5	0·0	4·7	41
27	969·7	19·4	1·9	16·0	81	18·0	281	0·6	19·6	16·2	3·4	9·2	0·5	0·2	2
28	969·6	16·9	0·7	15·6	93	17·6	326	0·9	18·6	15·0	3·6	9·5	2·1	0·0	0
29	971·6	17·9	2·1	14·1	78	15·9	315	4·9	18·4	8·5	9·9	4·9	2·3	10·8	93
30	972·1	17·9	2·5	13·3	74	15·1	315	1·9	19·7	13·9	5·8	4·1	1·4	10·7	92
31	970·8	18·9	3·5	12·6	67	14·5	326	3·6	20·8	14·6	6·2	4·5	0·0	10·0	86
Mean	972·0	19·4	1·9	15·9	80·7	18·0	° 286·5	2·8	21·0	15·5	5·5	6·7	Sum 151·0	60·7	53·3
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

EXCESS OF CERTAIN ELEMENTS AT PAMPLEMOUSSES OVER THE CORRESPONDING ELEMENTS AT VACOAS.

Mean of the month at 10 a.m.

Atmospheric Presssure	+ 42·4 mbs
Temperature of the Air	+ 3·0 C.
Vapour Tension	+ 1·2 mbs
Relative Humidity	− 9·0 %
Direction of Wind	3·3° S.
Velocity of Wind	+ 1·3 mps.
Amount of cloud	− 0·4

Amount of rain	−24·0 m.m.
Duration of sunshine	...
Mean of highest temperatures	+ 2·9 C.
Mean of lowest temperatures	+ 2·4 C.
Absolute highest temperature	+ 2·1 C.
Absolute lowest temperature	+ 2·0 C

*South (0); West (8); North (16); East (24)

TABLE VII.—DAILY RESULTS OF METEOROLOGICAL OBSERVATIONS made during the month of AUGUST 1926.

Month and Day 1926.	Atmospheric Pressure: Mean	Atmospheric Pressure: Excess above Average	Temperature of the Air. (in degrees Centigrade.): Highest	Lowest.	Range	Mean	Excess above Average	Excess of Air Temp. over Evaporation Temp.	Temperature of the Dew Point. (Centigrade.): Mean	Excess above Average	Degree of Humidity (Saturation=100): Mean	Excess above Average	Elastic Force of Vapour	Lowest Temperature on the Grass. (Cent.)	Rainfall: Amount recorded by the Beckley Pluviograph.	Rainfall: Duration.	Amount of Evaporation	Mean Amount of Cloud (Scale 0—10.)
AUG.	mbs.	mbs.	c	c	c	c	c	c	c	c			mbs.	c	mm.	min.	mm.	
1	1015·1	+ 1·3	23·5	16·9	6·6	20·1	+ 0·3	3·3	14·2	− 0·8	69	− 6	16·1	12·3	0·0	...	4·0	4·4
2	1013·9	+ 0·1	24·7	16·7	8·0	20·8	+ 1·0	2·7	16·0	+ 1·0	74	− 1	18·0	12·0	0·9	35	4·7	3·7
3	1013·2	− 0·6	23·1	20·5	2·6	21·3	+ 1·5	1·3	19·0	+ 4·0	87	+ 13	21·8	19·6	6·2	150	0·9	9·5
4	1013·0	− 0·8	24·1	19·9	4·2	21·6	+ 1·8	2·0	18·1	+ 3·1	81	+ 7	20·6	14·8	0·7	25	3·7	7·4
5	1012·7	− 1·1	24·5	17·4	7·1	20·9	+ 1·1	2·6	16·3	+ 1·3	75	+ 1	18·4	13·3	0·2	10	4·2	3·6
6	1011·8	− 2·0	25·7	16·7	9·0	20·7	+ 0·9	2·4	16·5	+ 1·5	77	+ 3	18·6	13·4	0·0	...	4·0	4·1
7	1012·4	− 1·4	23·0	17·0	6·0	19·5	− 0·3	1·6	16·6	+ 1·6	83	+ 9	18·7	14·7	8·7	175	2·7	9·2
8	1014·2	+ 0·4	24·1	18·1	6·0	20·7	+ 0·9	2·4	16·5	+ 1·6	77	+ 3	18·6	15·8	2·0	15	5·2	5·8
9	1015·4	+ 1·6	23·2	19·1	4·1	20·5	+ 0·6	2·2	16·6	+ 1·7	78	+ 4	18·7	10·8	4·1	90	4·1	4·6
10	1014·1	+ 0·3	23·5	15·6	7·9	19·7	− 0·2	2·1	15·9	+ 1·0	79	+ 5	17·9	10·5	0·0	...	3·0	4·2
11	1012·8	− 1·0	24·0	17·6	6·4	19·8	− 0·1	1·3	17·5	+ 2·6	86	+ 12	19·8	14·3	27·4	160	4·8	7·4
12	1012·5	− 1·4	24·4	17·6	6·8	20·3	+ 0·4	1·2	18·2	+ 3·3	88	+ 14	20·7	15·0	0·8	20	2·3	8·9
13	1012·3	− 1·6	24·0	16·9	7·1	20·6	+ 0·7	1·9	17·2	+ 2·3	81	+ 7	19·4	14·4	3·6	30	3·4	6·9
14	1012·8	− 1·1	24·5	17·5	7·0	20·8	+ 0·9	2·3	16·7	+ 1·8	77	+ 3	18·8	13·7	0·0	...	3·8	3·0
15	1012·9	− 1·0	25·1	18·6	6·5	21·8	+ 1·8	2·1	18·1	+ 3·1	80	+ 6	20·6	14·8	0·0	...	4·0	7·2
16	1011·8	− 2·1	23·1	19·9	3·2	21·6	+ 1·6	1·0	19·9	+ 4·9	90	+ 16	23·0	18·1	5·4	205	3·1	10·0
17	1012·4	− 1·6	21·1	18·9	2·2	19·9	− 0·1	0·8	18·5	+ 3·5	92	+ 18	21·1	17·6	60·2	1100	1·0	10·0
18	1012·9	− 1·1	24·3	20·0	4·3	21·5	+ 1·5	1·3	19·2	+ 4·2	87	+ 13	22·0	18·1	1·5	35	3·5	9·6
19	1013·0	− 1·0	25·1	19·6	5·5	21·9	+ 1·9	2·0	18·4	+ 3·4	81	+ 8	21·0	17·7	0·0	...	3·4	6·2
20	1013·7	− 0·4	24·0	19·9	4·1	21·3	+ 1·2	1·5	18·6	+ 3·6	84	+ 11	21·2	16·5	1·8	55	3·6	7·7
21	1015·2	+ 1·1	24·5	18·8	5·7	21·3	+ 1·2	2·5	16·9	+ 1·9	76	+ 3	19·0	13·1	0·4	20	4·4	5·7
22	1016·2	+ 2·1	24·9	16·9	8·0	20·5	+ 0·4	2·5	16·0	+ 1·0	75	+ 2	18·0	12·1	0·0	...	5·0	3·2
23	1015·7	+ 1·6	24·2	15·2	9·0	20·1	0·0	2·8	15·1	+ 0·1	73	0	17·0	11·1	0·0	...	5·4	2·7
24	1014·5	+ 0·4	24·1	16·3	7·8	20·1	− 0·1	3·0	14·7	− 0·3	71	− 2	16·6	9·9	0·2	5	6·0	3·7
25	1014·5	+ 0·4	24·4	18·5	5·9	21·1	+ 0·9	3·3	15·3	+ 0·3	69	− 4	17·2	15·4	0·0	...	4·5	2·8
26	1013·3	− 0·8	24·6	18·1	6·5	21·3	+ 1·1	2·9	16·2	+ 1·2	73	0	18·2	16·2	0·0	...	4·0	7·0
27	1011·4	− 2·7	23·0	18·6	4·4	20·2	0·0	1·5	17·5	+ 2·4	85	+ 12	19·8	15·9	1·9	50	2·1	8·8
28	1011·5	− 2·6	21·2	17·7	3·5	19·0	− 1·3	1·7	15·9	+ 0·8	82	+ 9	17·9	14·9	1·0	30	2·0	9·6
29	1013·2	− 0·9	23·2	17·7	5·5	19·6	− 0·7	3·1	14·1	− 1·0	70	− 3	15·9	15·5	0·0	...	5·6	4·9
30	1013·2	− 0·9	23·7	16·9	6·8	19·8	− 0·5	3·3	13·9	− 1·2	69	− 4	15·7	15·3	0·0	...	5·0	5·1
31	1012·5	− 1·6	24·1	17·0	7·1	20·5	+ 0·2	3·8	13·7	− 1·4	65	− 8	15·5	14·2	0·0	...	5·4	5·9
Mean	1013·4	− 0·6	23·9	17·9	6·0	20·6	+ 0·6	2·2	16·7	+ 1·7	78·5	+ 4·9	18·9	14·5	Sum 127·0	Sum 221·0	3·8	6·2
Aver.	1014·0	...	24·1	16·4	4·0	20·0	...	2·8	15·0	...	73·6	...	16·9	13·1	59·8	1461	4·0	5·0
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

GENERAL WEATHER CONDITIONS DURING THE MONTH OF AUGUST 1926.

The month of August was characterised by low pressure, high temperature and humidity, and low wind velocities.

Pressure was above normal on ten days. A depression occurred between the 11th and the 20th and was accompanied by heavy rain.

Temperature was above normal except on 8 days when it was slightly below.

Relative humidity was persistently above normal from the 3rd to the 22nd and was 4.9% above in the mean.

Rainfall was 113% above normal at the Observatory.

The percentage variation for the different districts of the Island was as follows: —

Northern Districts	River System 1,	123% above
Eastern Districts	,, ,, 2, 3, 4,	269% ,,
South-Eastern Districts	,, ,, 5 & 6	135% ,,
Western Districts	River System 11	130% above
	,, ,, 12	140% ,,
	,, ,, 13	no return

19th October, 1926

TABLE VII.—DAILY RESULTS of METEOROLOGICAL OBSERVATIONS made during the month of AUGUST 1926.

Month and Day 1926.	Duration of Bright Sunshine.	Percentage of Possible Sunshine.	Wind: Components. North.	Wind: Components. East.	Wind: Resultant. Direction*.	Wind: Resultant. Velocity.	Wind: Observed Velocity. Mean.	Wind: Observed Velocity. Excess above Average.	Temperature of the Soil at a depth of. 10 Feet.	5 Feet.	2 Feet.	12 inches	6 inches	3 inches	Weather
AUGUST	hrs.	%	m.p.s.	m.p.s.	°	m.p.s.	m.p.s	m.p.s	c	c	c	c	c	c	
1	9·7	87	− 1·9	+ 3·6	298	4·0	4·1	+ 0·2	25·5	24·3	22·5	21·3	20·7	21·8	f : cg .
2	10·1	90	− 1·5	+ 3·8	292	4·1	4·2	+ 0·3	25·6	24·3	22·5	21·4	21·0	22·3	f : cp .
3	3·1	28	− 0·3	+ 5·7	273	5·7	5·7	+ 1·8	25·6	24·2	22·4	21·7	21·8	23·3	ogp : ogd .
4	5·6	50	+ 0·4	+ 4·4	265	4·4	4·4	+ 0·5	25·4	24·2	22·5	22·1	21·9	23·5	ogd : cf. : f .
5	10·1	90	+ 0·9	+ 2·4	249	2·6	2·6	− 1·3	25·5	24·2	22·6	22·1	22·0	23·4	f .
6	10·1	90	+ 1·2	+ 1·3	227	1·7	2·2	− 1·7	25·4	24·2	22·7	22·2	22·0	23·4	f c .
7	1·3	12	− 1·3	+ 1·5	311	2·0	2·3	− 1·6	25·4	24·1	22·7	22·4	21·9	23·1	cg : or : ogd .
8	9·9	88	− 1·8	+ 3·9	295	4·3	4·3	+ 0·4	25·4	24·2	22·7	22·2	21·7	22·9	cf : f. .
9	8·3	73	− 2·6	+ 5·5	295	6·1	6·1	+ 2·2	25·5	24·1	22·7	22·1	21·7	22·9	f : cp : f .
10	6·6	58	− 1·3	+ 2·2	301	2·5	2·7	− 1·2	25·4	24·1	22·8	22·0	21·4	22·7	f : c : f : cf .
11	3·0	27	− 1·0	+ 1·0	315	1·4	1·8	− 2·1	25·3	24·2	22·7	22·2	21·8	23·2	f: c : ogr : og .
12	2·7	24	− 0·6	+ 0·6	315	0·8	1·3	− 2·6	25·3	24·1	22·7	22·3	22·0	23·5	cg .
13	4·0	35	− 1·5	+ 0·5	342	1·6	2·0	− 1·9	25·3	24·1	22·7	22·4	22·2	23·9	c: f : cg .
14	8·3	73	− 1·3	+ 2·3	300	2·6	2·7	− 1·2	25·3	24·1	22·8	22·5	22·4	24·1	f .
15	5·2	46	− 0·9	+ 2·1	293	2·3	2·4	− 1·5	25·3	23·9	22·8	22·6	22·6	24·5	f : cg .
16	0·0	0	− 0·2	+ 1·9	276	1·9	2·1	− 1·8	25·3	24·1	22·9	22·9	23·1	24·8	ogd .
17	0·0	0	− 1·7	+ 2·0	310	2·6	2·7	− 1·2	25·3	23·9	23·0	22·8	22·4	23·5	ogr .
18	1·2	11	− 0·7	+ 3·0	283	3·1	3·3	− 0·6	25·3	23·9	23·0	22·4	22·2	24·0	og .
19	8·7	76	− 0·9	+ 2·6	289	2·7	2·8	− 1·1	25·3	24·0	22·9	22·7	22·8	24·7	f .
20	7·7	68	− 0·7	+ 3·6	281	3·6	3·8	− 0·1	25·2	24·1	23·0	23·0	23·0	24·7	cf : cgd : f .
21	9·4	82	− 1·5	+ 3·3	294	2·6	3·7	− 0·2	25·3	23·9	23·1	22·9	22·8	24·4	f : c f .
22	10·6	92	− 1·3	+ 2·4	298	2·7	2·8	− 1·1	25·2	23·9	23·1	22·8	22·6	24·2	f .
23	11·2	97	− 1·6	+ 2·6	302	3·0	3·1	− 0·8	25·2	24·0	23·1	22·7	22·3	23·9	f .
24	10·8	94	− 2·0	+ 3·4	300	3·9	4·0	+ 0·1	25·2	23·9	23·1	22·5	22·0	23·4	f .
25	11·1	97	− 1·9	+ 3·7	297	4·1	4.2	+ 0·3	25·2	23·9	23·0	22·5	22·0	23·6	f .
26	4·8	42	− 0·8	+ 2·9	285	3·0	3·2	− 0·7	25·1	24·0	23·0	22·6	22·3	23·9	f : cf .
27	0·2	2	− 0·4	+ 1·9	282	1·9	2·0	− 1·9	25·2	23·9	23·0	22·7	22·6	24·3	f : og .
28	0·5	4	− 1·9	+ 1·9	315	2·7	3·1	− 0·8	25·2	23·9	23·0	22·7	22·2	23·6	c : og .
29	9·7	84	− 4·3	+ 3·8	319	5·7	5·8	+ 1·9	25·1	24·0	23·0	22·4	22·0	23·6	c. : f .
30	9·2	79	− 3·7	+ 3·5	317	5·1	5·1	+ 1·2	25·0	23·9	22·9	22·3	22·0	23·5	f : cf .
31	7·7	66	− 3·2	+ 2·2	330	3·9	4·3	+ 0·4	25·1	24·0	22·9	22·3	22·3	24·1	cf : f .
Mean	6·48	56·9	− 1·30	+ 2·76	295·2	3·05	3·38	− 0·52	25·30	24·05	22·84	22·37	22·13	23·64	...
Average	7·69	67·8	− 1·40	+ 3·20	293·6	3·49	3·90	...	24·84	23·83	...	...	21·45	21·35	...
Column	19	20	21	22	23	24	25	26	27	28	29	30	31	32	

MEANS AND EXTREMES OF CERTAIN METEOROLOGICAL ELEMENTS DURING THE MONTH OF AUGUST 1926.

Element	Highest			Date	Lowest		Date
Atmospheric Pressure	1017·4mbs	at	10h	on 22nd	1010·0mbs	at 16h on 6th & 14h, 15h on 27th	
Temperature of the Air	25·7C	at	13·00	on 6th	15·2C	at 5·35	on 23rd
Daily range of temperature of the Air...	9·0C		...	on 6th & 23rd	2·2C	...	on 17th
Temperature of the Dew Point	21·1C	at	10h	on 16th	12·4C	at 21h	on 29th
Daily range of temperature of the Dew Point	5·5C	...	...	on 2nd	1·5C	...	on 17th
Relative humidity...	97·0%	at	7h	on 18th	51·2%	at 14h	on 25th
Wind Velocity	10·6 m.p.s.	at	13h	on 9th	0·6 mps	at 9 & 10h	on 7th
Rainfall	60·2mm.	ending	24h	on 17th	...	...	...
Temperature of the soil at 3 ins. ...	26·0C	at	18h	on 19th	20·6C	at 9h	on 2nd
, at 6 ins. ...	22·4C	at	21h	on 19th	20·1C	at 9h	on 1st
Duration of sunshine...	11·2 hrs.		...	on 23rd	0·0 hrs.	...	on 16th, 17th
Amount of Evaporation in 24 hours	6·0 mm.		...	on 24th	0·9 m.m.	...	on 3rd
Vapour Tension	24·8mbs	at	10h	on 16th	14·3 mbs	at 21h	on 29th
Minimum on Grass	...		...	...	9·9C	...	on 24th

Number of Days Overcast, 13, Clear 3, of Rain 18, of Lightning 0, of Thunderstorm 0.

Mean Day Temperature of Air, 21·96C. Average, 21·78C. Mean Night Temperature of Air, 19·22C. Average, 18·05C.

*South (0°): West (90); North (180°); East (270°).

TABLE VIII.—ATMOSPHERIC PRESSURE IN MILLIBARS AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(The values are corrected for temperature and for the effect of gravity, but are not reduced to sea level. (The cistern of the barometer is 55·2 metres above mean sea-level.)

AUGUST 1926.

When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.

Hour \ Day	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day \ Hour
Midnight	0161	0153	0139	0138	0136	0127	0124	0139	0163	0157	0139	0131	0129	0128	0137	0129	Midnight
1h	0159	0150	0136	0134	0134	0125	0122	0138	0160	0155	0137	0129	0126	0127	0134	0123	1h
2	0154	0144	0133	0130	0129	0121	0120	0135	0157	0151	0134	0126	0122	0124	0130	0120	2
3	0152	0139	0129	0128	0127	0119	0119	0131	0152	0148	0129	0122	0120	0123	0127	0114	3
4	0150	0138	0126	0126	0122	0117	0116	0130	0150	0146	0126	0119	0118	0121	0126	0110	4
5	0150	0137	0128	0125	0121	0118	0115	0130	0148	0143	0124	0118	0119	0121	0127	0111	5
6	0155	0140	0132	0126	0125	0120	0117	0134	0150	0146	0126	0121	0122	0128	0129	0112	6
7	0156	0145	0133	0130	0130	0124	0118	0136	0155	0150	0130	0127	0128	0133	0132	0116	7
8	0158	0150	0138	0135	0134	0127	0121	0141	0160	0152	0135	0130	0130	0137	0138	0123	8
9	0160	0151	0141	0139	0140	0130	0126	0150	0160	0154	0142	0132	0132	0139	0141	0126	9
10	0161	0152	0147	0141	0140	0129	0128	0150	0159	0154	0139	0134	0133	0139	0142	0128	10
11	0160	0148	0143	0140	0138	0125	0126	0146	0157	0150	0137	0132	0130	0135	0136	0124	11
Noon	0152	0139	0136	0133	0129	0117	0119	0140	0152	0143	0128	0127	0127	0128	0129	0115	Noon
13h	0143	0131	0127	0125	0120	0110	0114	0133	0150	0134	0122	0120	0120	0120	0127	0109	13h
14	0137	0126	0121	0119	0116	0106	0112	0130	0148	0128	0120	0116	0117	0116	0121	0106	14
15	0133	0122	0119	0116	0114	0102	0114	0132	0146	0124	0119	0115	0111	0114	0119	0104	15
16	0136	0123	0121	0118	0115	0100	0115	0135	0147	0122	0120	0116	0111	0115	0119	0105	16
17	0140	0126	0125	0119	0118	0103	0118	0139	0149	0124	0120	0119	0112	0117	0121	0110	17
18	0146	0131	0129	0122	0120	0111	0125	0144	0151	0129	0121	0120	0116	0123	0125	0114	18
19	0150	0136	0130	0127	0122	0115	0131	0150	0154	0131	0123	0124	0121	0128	0128	0117	19
20	0155	0141	0134	0134	0128	0120	0137	0154	0157	0137	0126	0127	0125	0134	0132	0129	20
21	0157	0143	0137	0137	0129	0121	0141	0159	0158	0138	0128	0128	0130	0136	0131	0130	21
22	0157	0142	0138	0139	0129	0123	0142	0162	0160	0140	0130	0130	0129	0138	0129	0131	22
23	0154	0139	0138	0138	0127	0122	0138	0164	0156	0139	0130	0130	0128	0137	0130	0133	23

When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.

Hour \ Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Day \ Hour
Midnight	0130	0131	0140	0138	0150	0164	0171	0159	0148	0150	0130	0115	0128	0143	0134	1014·1	Midnight
1h	0128	0129	0133	0135	0149	0163	0168	0154	0147	0145	0127	0112	0127	0141	0132	1013·8	1h
2	0126	0126	0130	0131	0145	0161	0164	0151	0142	0137	0123	0109	0124	0137	0129	1013·4	2
3	0120	0124	0127	0129	0143	0159	0161	0148	0136	0133	0116	0105	0123	0131	0127	1013·1	3
4	0114	0120	0123	0123	0141	0157	0160	0142	0138	0132	0113	0102	0123	0129	0124	1012·8	4
5	0118	0119	0122	0124	0142	0158	0159	0141	0140	0131	0114	0104	0124	0130	0123	1012·9	5
6	0120	0125	0128	0129	0150	0160	0160	0146	0144	0136	0116	0108	0128	0134	0126	1013·2	6
7	0121	0134	0131	0135	0157	0165	0163	0150	0150	0140	0118	0111	0132	0138	0133	1013·6	7
8	0127	0137	0136	0140	0159	0171	0165	0153	0151	0144	0120	0114	0137	0141	0135	1014·0	8
9	0130	0140	0140	0141	0160	0173	0170	0157	0157	0149	0122	0117	0141	0144	0138	1014·3	9
10	0129	0140	0139	0143	0160	0174	0170	0156	0159	0148	0123	0118	0140	0143	0134	1014·4	10
11	0128	0135	0133	0139	0160	0170	0165	0152	0154	0142	0119	0120	0138	0140	0129	1014·0	11
Noon	0124	0128	0126	0137	0155	0162	0157	0146	0148	0133	0112	0115	0134	0131	0121	1013·4	Noon
13h	0121	0119	0120	0131	0149	0158	0149	0140	0142	0127	0102	0110	0129	0127	0118	1012·7	13h
14	0116	0117	0118	0130	0143	0154	0144	0137	0136	0119	0100	0104	0125	0123	0112	1012·3	14
15	0113	0116	0116	0130	0142	0151	0140	0131	0134	0116	0100	0107	0121	0119	0110	1012·1	15
16	0115	0118	0117	0130	0140	0150	0141	0130	0134	0117	0101	0110	0121	0118	0109	1012·2	16
17	0119	0121	0119	0129	0147	0152	0143	0133	0137	0120	0106	0114	0129	0119	0110	1012·4	17
18	0121	0126	0125	0138	0151	0156	0146	0136	0140	0125	0108	0119	0132	0125	0117	1012·9	18
19	0127	0132	0132	0143	0156	0160	0148	0140	0143	0130	0108	0125	0135	0129	0123	1013·3	19
20	0130	0139	0138	0151	0162	0165	0154	0145	0148	0134	0113	0127	0140	0135	0128	1013·8	20
21	0136	0141	0140	0151	0163	0169	0157	0148	0152	0138	0116	0130	0145	0138	0127	1014·0	21
22	0139	0141	0140	0152	0165	0170	0158	0151	0153	0136	0115	0129	0144	0137	0129	1014·1	22
23	0136	0141	0138	0151	0164	0171	0158	0149	0152	0132	0114	0129	0145	0134	0126	1014·0	23

TABLE IX.—AMOUNT OF CLOUD at every HOUR of the DAY (0 = CLEAR SKY, 10 = OVERCAST SKY).

Hour. \ Day.	August 1926.																															Mean.
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	
Midnight	0	4	10	10	2	0	4	10	1	0	2	10	10	4	0	10	10	10	8	9	7	2	0	3	3	2	6	9	10	4	9	5·4
1h	0	1	10	10	2	0	6	9	1	0	3	10	9	1	0	10	10	10	6	8	5	3	0	3	4	0	5	9	10	6	9	5·2
2	0	1	10	10	3	0	9	8	2	1	3	10	9	0	0	10	10	10	5	9	4	3	0	3	4	3	6	9	10	7	9	5·4
3	0	1	10	10	4	0	10	8	3	1	3	10	8	0	1	10	10	10	5	8	4	3	1	2	4	3	5	9	9	7	9	5·4
4	1	1	10	10	3	0	9	6	7	1	5	10	6	0	1	10	10	10	2	9	5	3	1	3	6	4	6	9	9	4	9	5·5
5	1	1	10	10	3	1	9	5	9	2	7	9	5	1	7	10	10	10	2	10	6	4	1	3	6	6	9	9	9	3	9	6·0
6	2	2	9	10	3	2	9	5	8	4	8	9	4	3	9	10	10	10	2	10	3	3	2	2	3	9	10	9	9	2	9	6·1
7	3	2	9	9	6	2	7	3	7	4	8	9	2	5	7	10	10	10	2	6	3	4	2	1	3	9	10	9	9	2	7	5·8
8	5	2	9	7	6	1	8	4	8	8	8	8	2	6	9	10	10	10	3	10	2	4	2	4	2	9	9	9	8	1	9	6·2
9	5	2	9	7	6	0	9	6	8	7	7	7	2	6	10	10	10	9	5	10	2	4	3	5	2	10	9	10	6	1	9	6·3
10	6	2	10	8	6	1	9	8	10	8	8	7	6	4	8	10	10	9	7	10	3	5	4	7	2	10	9	10	3	1	9	6·8
11	6	3	10	9	7	4	10	9	9	7	5	7	7	4	7	10	10	9	6	9	7	5	5	6	2	8	10	10	3	3	8	6·9
Noon	6	3	10	8	6	7	10	7	6	8	6	8	9	6	8	10	10	9	7	7	6	4	4	6	3	8	9	10	3	3	7	6·9
13h	5	3	9	9	6	8	10	8	6	7	9	8	8	4	8	10	10	9	7	7	8	5	4	5	2	7	10	10	5	5	6	7·0
14	5	3	9	9	6	8	10	9	6	6	10	9	8	6	9	10	10	10	7	8	7	6	4	5	3	8	10	10	4	6	5	7·3
15	4	4	10	7	5	7	10	8	5	4	10	9	7	6	9	10	10	10	7	8	9	4	3	3	4	5	10	10	2	7	6	6·9
16	5	5	10	7	4	6	10	7	5	5	10	9	8	5	9	10	10	10	7	7	8	4	3	3	5	6	10	10	2	7	7	6·9
17	4	4	10	6	4	3	10	8	4	6	10	9	9	5	9	10	10	10	7	6	7	3	2	4	3	7	10	10	2	8	5	6·6
18	3	3	10	6	3	4	10	8	3	7	9	9	9	3	9	10	10	10	9	5	7	2	2	4	2	8	10	10	2	4	2	6·2
19	8	5	4	7	2	8	10	5	2	5	10	9	7	2	9	10	10	9	8	6	8	2	3	4	1	9	10	10	2	5	2	6·2
20	9	7	9	8	1	8	10	2	1	3	10	9	8	2	10	10	10	9	10	7	8	2	4	3	1	10	9	10	1	7	1	6·4
21	8	8	10	2	0	9	10	1	0	2	10	9	9	1	10	10	10	10	9	8	9	2	5	4	3	10	9	10	0	9	0	6·4
22	9	9	10	1	0	9	10	0	0	2	10	9	9	0	10	10	10	10	9	3	8	1	4	2	0	9	9	10	1	9	0	5·9
23	8	9	10	1	0	8	10	0	0	3	10	10	7	0	10	10	10	9	8	5	4	0	3	3	0	6	9	10	2	9	0	5·6

TABLE X.—DURATION of BRIGHT SUNSHINE at every HOUR of the DAY as recorded by the CAMPBELL-STOKES SUNSHINE RECORDER.

Hour* Ending \ Day.	August 1926.																															Total.
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	
6h	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	hrs.
7	13	8	0	0	0	25	20	25	0	0	0	0	30	0	15	0	0	0	25	0	8	9	35	37	35	0	0	0	0	30	0	5·2
8	60	60	0	31	52	60	57	56	5	0	0	0	60	0	8	0	0	0	60	45	60	59	60	60	60	0	0	23	15	60	55	16·8
9	60	60	11	50	60	60	4	45	27	50	3	40	60	43	2	0	0	0	60	52	60	60	60	54	60	3	4	5	59	60	15	18·8
10	55	60	5	12	60	60	0	55	50	3	60	50	30	60	40	0	0	0	52	23	60	60	60	45	60	0	0	0	60	60	20	18·3
11	58	60	6	35	60	60	0	55	50	23	60	25	0	60	55	0	0	6	55	30	58	60	60	60	60	4	0	0	60	60	55	19·6
Noon	60	60	40	48	60	60	0	60	52	32	58	8	0	55	58	0	0	30	56	57	56	60	60	60	60	18	0	0	60	60	60	21·5
13h	55	60	45	5	60	55	0	60	55	48	0	25	0	60	60	0	0	2	46	56	57	60	60	60	60	53	6	0	60	37	60	20·1
14	58	60	40	31	60	54	0	60	60	55	0	12	7	58	58	0	0	14	16	55	53	60	60	60	60	43	0	0	57	55	55	20·0
15	60	60	6	40	60	47	0	50	60	60	0	0	18	55	6	0	0	0	34	45	32	60	60	60	60	58	0	0	60	45	60	18·3
16	50	60	30	25	60	58	0	58	60	10	0	0	34	44	13	0	0	2	45	35	50	60	60	60	60	60	0	0	60	58	35	18·9
17	50	55	3	55	60	60	0	60	60	57	0	0	1	53	0	0	0	16	58	50	50	60	60	60	60	45	0	0	60	26	10	17·8
18	4	3	0	7	15	7	0	12	20	11	0	0	0	12	0	0	0	0	15	12	16	31	34	32	30	2	0	0	31	0	35	5·5
19																																

The total amount of registered sunshine was 200·8 hours and the total possible sunshine 353·0 hours.
* Reckoned from apparent midnight.

TABLE XI.—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(To obtain temperatures on the Absolute Scale add 273)

AUGUST 1926.

Hour \ Day.	1d. Air.	1d. Excess of Air over Evap.	2d. Air.	2d. Excess of Air over Evap.	3d. Air.	3d. Excess of Air over Evap.	4d. Air.	4d. Excess of Air over Evap.	5d. Air.	5d. Excess of Air over Evap.	6d. Air.	6d. Excess of Air over Evap.	7d. Air.	7d. Excess of Air over Evap.	8d. Air.	8d. Excess of Air over Evap.	Day. / Hour.
Midnight	17·8	1·7	17·1	1·5	20·6	0·8	20·8	1·0	19·9	1·8	18·6	0·9	19·5	1·8	18·7	1·7	Midnight
1h	17·1	1·7	17·5	1·5	20·7	0·9	20·9	1·2	18·6	1·2	18·6	1·0	19·0	1·4	18·3	1·1	1
2	17·1	1·9	17·1	1·4	20·6	0·7	20·8	0·8	17·7	1·0	17·9	0·8	17·9	1·1	18·5	1·2	2
3	18·0	2·0	16·7	1·5	20·8	0·8	20·6	0·7	17·9	1·1	17·0	0·4	17·6	0·9	19·0	1·5	3
4	18·1	2·8	17·9	2·3	20·8	1·1	20·6	0·8	18·1	0·8	17·3	0·9	18·0	1·2	18·6	1·5	4
5	18·8	3·3	18·2	2·4	20·7	1·0	20·6	0·8	18·2	0·9	17·5	0·9	18·0	1·0	18·7	1·3	5
6	17·9	2·5	18·0	2·2	20·6	1·0	20·6	0·9	18·7	1·0	16·8	0·6	17·8	0·8	18·6	1·1	6
7	17·7	2·4	18·1	2·4	20·7	1·2	20·8	1·2	18·9	1·0	17·0	0·8	17·3	0·3	19·1	1·2	7
8	20·0	3·2	20·6	3·3	21·1	1·4	21·3	1·3	21·4	1·8	20·5	1·6	20·2	1·9	20·8	1·9	8
9	22·0	4·5	22·3	3·9	22·0	2·1	22·7	2·2	22·9	3·9	22·0	2·5	22·1	3·1	21·5	2·9	9
10	22·0	4·5	23·2	4·2	21·6	1·5	22·6	2·4	23·7	4·7	23·3	3·5	22·9	3·9	22·1	3·2	10
11	22·6	4·6	23·7	4·9	21·7	1·0	23·1	3·1	24·0	4·9	24·0	3·9	22·2	2·6	22·6	3·3	11
Noon	23·0	5·2	24·0	4·1	22·0	1·2	23·2	2·9	24·1	5·1	24·6	4·9	22·5	2·5	23·7	4·2	Noon
13h	23·2	6·0	24·2	5·5	22·6	1·9	23·0	3·0	24·2	4·6	25·7	4·8	22·0	2·2	24·0	5·1	13h
14	23·3	5·4	24·3	5·5	22·3	1·8	23·1	3·0	24·0	4·2	25·2	5·0	20·0	1·0	23·6	4·0	14
15	22·7	5·0	24·2	4·6	22·9	2·3	23·0	3·0	23·9	4·6	24·0	4·6	20·0	1·2	22·4	3·2	15
16	22·5	4·7	23·7	4·3	21·9	1·3	22·7	3·0	23·0	4·9	23·9	4·8	19·5	1·5	22·9	3·9	16
17	21·8	4·0	22·7	3·6	21·3	1·1	22·6	3·2	22·9	4·5	23·4	4·4	19·6	1·9	22·2	3·2	17
18	20·4	3·4	21·2	1·7	21·0	1·0	21·8	2·6	21·2	2·8	21·7	2·7	19·0	1·2	21·0	2·4	18
19	19·5	2·4	20·9	1·5	21·0	1·0	21·3	2·4	19·9	1·9	20·3	2·1	18·8	1·0	20·0	2·0	19
20	19·8	2·8	20·6	1·1	21·1	1·1	21·1	2·0	20·8	1·8	19·8	1·9	18·4	1·3	19·7	2·1	20
21	20·0	3·4	20·7	1·0	21·1	1·1	21·0	2·3	18·9	1·3	19·8	1·8	18·6	1·1	19·8	2·3	21
22	18·5	1·5	20·6	0·9	21·3	1·3	20·1	1·7	18·4	1·2	19·1	1·4	18·4	0·8	19·9	2·1	22
23	18·0	1·4	20·6	0·8	21·2	1·2	20·7	2·1	19·2	1·1	19·0	1·4	18·8	1·8	19·8	1·5	23

Hour \ Day.	9d. Air	9d. Excess of Air over Evap.	10d. Air.	10d. Excess of Air over Evap.	11d. Air.	11d. Excess of Air over Evap.	12d. Air.	12d. Excess of Air over Evap.	13d. Air.	13d. Excess of Air over Evap.	14d. Air.	14d. Excess of Air over Evap.	15d. Air.	15d. Excess of Air over Evap.	16d. Air.	16d. Excess of Air over Evap.	Day / Hour
Midnight	19·8	1·6	19·2	2·2	19·1	1·1	18·9	0·9	19·6	0·8	20·0	1·9	18·8	0·9	22·1	1·4	Midnight
1h	19·4	1·5	18·7	1·8	19·0	1·0	18·5	0·7	19·3	0·8	19·9	1·8	19·0	1·1	21·6	1·0	1h
2	19·5	1·5	17·7	1·5	18·6	1·0	18·1	0·6	18·5	0·8	18·8	1·6	19·3	1·1	21·7	0·9	2
3	19·8	1·4	16·1	0·8	18·8	0·9	17·9	0·4	18·4	1·0	18·9	1·4	19·2	1·1	21·5	0·7	3
4	19·6	1·4	16·7	1·8	18·1	0·8	18·3	0·7	18·8	1·0	18·2	1·2	18·6	0·7	21·4	0·6	4
5	19·3	1·2	15·6	0·6	18·3	0·8	18·2	0·7	18·4	0·8	18·0	1·1	19·3	1·2	21·3	0·6	5
6	19·2	1·0	16·6	1·1	18·1	0·7	18·2	0·7	16·9	0·4	17·5	0·5	19·5	1·2	21·2	0·6	6
7	19·4	1·1	16·8	0·8	17·8	0·9	18·5	0·7	17·3	0·8	18·6	1·8	19·3	1·2	21·5	0·6	7
8	19·5	0·8	17·6	0·9	18·7	0·8	19·2	0·8	20·7	1·6	20·0	1·5	21·0	1·5	21·9	0·9	8
9	20·7	1·7	21·0	2·5	19·9	1·1	21·0	1·4	23·0	3·0	21·9	2·3	22·4	2·4	21·9	0·9	9
10	22·1	2·7	21·2	2·4	21·8	1·9	22·0	2·6	23·5	3·7	23·1	3·1	23·2	3·2	22·5	0·8	10
11	20·9	2·0	22·3	3·3	22·8	2·8	22·3	2·5	23·3	2·4	23·8	4·1	23·7	3·7	22·5	1·0	11
Noon	22·2	3·2	22·5	2·9	23·6	3·6	23·3	2·3	21·7	2·0	23·7	3·7	24·4	3·7	22·9	1·2	Noon
13h	22·9	3·9	22·7	3·5	23·0	3·0	24·0	2·9	22·8	1·6	23·8	4·2	24·9	4·2	22·4	0·9	13
14	22·7	3·5	22·8	4·1	22·9	3·1	22·8	2·2	21·7	1·7	23·6	4·0	25·0	4·2	22·5	1·5	14
15	22·8	3·2	23·0	4·2	20·0	0·8	21·7	1·7	23·0	3·0	23·9	4·5	24·0	4·0	23·1	1·6	15
16	22·2	3·5	23·0	3·8	19·5	0·8	21·3	1·2	23·5	3·7	23·4	4·4	23·7	3·6	22·8	1·8	16
17	21·5	3·3	22·0	2·6	19·4	0·8	21·1	1·1	22·0	3·0	22·5	3·1	23·0	2·7	22·2	1·3	17
18	20·6	2·7	20·9	2·1	19·7	0·9	20·9	1·0	21·4	2·2	21·3	2·3	22·5	2·0	21·6	1·2	18
19	20·0	2·3	20·0	1·7	19·2	1·1	20·6	1·0	20·6	1·6	20·4	1·6	22·1	1·6	20·9	1·0	19
20	19·9	2·4	19·8	1·8	19·1	1·1	20·0	0·8	20·3	1·8	19·7	1·3	22·0	1·5	20·3	1·0	20
21	19·9	2·5	19·3	1·3	19·0	0·8	19·9	0·8	20·2	2·3	19·6	1·3	21·8	1·8	19·9	0·9	21
22	19·5	2·5	19·0	1·4	18·9	1·1	19·9	0·9	20·1	2·0	19·8	1·2	21·9	1·2	20·0	0·6	22
23	19·2	2·2	17·9	1·2	18·9	0·9	19·9	0·9	19·7	1·9	19·2	1·1	22·0	1·2	20·1	0·6	23

TABLE XI. (*Contd.*)—**TEMPERATURE** of the **AIR** and **EXCESS** over **TEMPERATURE** of **EVAPORATION** in degrees **CENTIGRADE** at every **HOUR** of the **DAY**, as deduced from the **PHOTOGRAPHIC RECORDS**.

(*To obtain temperatures on the Absolute Scale add 273*)

AUGUST 1926

Day / Hour	17d.		18d.		19d.		20d.		21d.		22d.		23d.		24d.		Day / Hour
	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	
Midnight	19·6	0·6	20·9	1·2	20·8	1·4	20·7	1·1	20·5	1·3	18·6	1·3	17·0	1·1	17·8	1·8	Midnight
1h	19·5	0·6	20·9	1·0	20·2	1·0	20·4	0·9	20·7	1·7	18·4	1·2	17·1	1·1	17·5	1·7	1h
2	19·5	0·6	20·9	0·9	20·2	1·0	20·1	0·7	20·6	1·7	18·1	1·1	17·3	1·0	17·0	1·3	2
3	19·6	0·7	20·6	0·8	20·3	1·0	20·6	0·9	20·0	1·3	18·1	1·1	16·0	1·0	17·0	1·4	3
4	19·2	0·5	20·1	0·8	20·0	0·9	20·4	0·6	19·5	1·3	18·4	1·2	15·9	1·0	16·5	1·1	4
5	19·1	0·4	20·3	0·8	20·0	0·9	20·3	0·5	19·3	1·2	18·3	1·1	16·1	1·2	16·4	1·1	5
6	19·0	0·4	20·8	0·8	19·9	1·0	20·3	0·5	19·1	1·1	18·0	1·0	16·0	0·5	16·4	1·3	6
7	18·9	0·5	20·1	0·3	20·0	0·9	20·1	0·8	19·3	1·3	18·2	1·2	19·2	1·3	17·7	1·7	7
8	19·1	0·5	20·5	0·7	22·4	1·9	22·0	1·1	21·9	2·7	21·7	2·7	21·8	2·7	20·6	3·0	8
9	19·7	0·9	21·3	0·9	23·3	2·5	22·9	2·3	23·0	3·2	23·0	3·7	22·7	3·3	21·5	3·9	9
10	20·4	0·5	22·4	1·4	23·5	3·0	21·4	1·4	23·8	4·1	23·4	3·8	23·3	4·3	21·6	3·6	10
11	20·9	1·2	23·4	2·2	24·5	3·8	22·3	1·6	23·9	4·3	23·8	4·4	23·8	4·6	23·2	5·0	11
Noon	20·4	0·9	23·6	2·0	24·9	4·3	23·0	3·0	24·0	4·0	24·1	4·4	24·0	5·0	23·4	4·6	Noon
13h	20·7	0·8	23·8	2·8	24·4	3·8	23·4	3·2	24·1	4·1	24·0	4·5	23·9	5·6	23·7	5·7	13h
14	20·8	0·9	22·2	1·3	24·0	3·3	23·6	3·6	23·5	4·1	24·2	4·6	24·0	5·2	23·6	5·2	14
15	20·3	0·8	22·3	1·5	24·2	3·4	22·3	2·0	23·4	4·3	24·0	4·2	23·3	4·6	23·3	4·6	15
16	20·4	1·0	22·9	2·8	23·8	3·2	22·7	2·3	23·2	4·1	23·6	4·4	22·8	4·5	22·8	5·5	16
17	20·1	0·9	22·5	2·1	22·9	2·6	22·4	2·5	22·3	3·5	22·8	3·8	21·9	4·4	21·9	4·4	17
18	19·9	0·9	22·0	1·5	22·0	1·9	21·6	1·9	21·4	2·7	21·3	2·5	20·8	3·1	20·9	3·6	18
19	19·9	1·0	20·8	0·9	21·0	1·2	20·8	1·7	20·5	1·9	19·9	2·0	19·4	2·4	20·0	2·6	19
20	19·9	1·0	20·9	1·1	20·9	1·1	20·6	1·3	19·9	1·8	18·8	1·8	18·9	2·3	20·1	2·4	20
21	19·9	0·9	20·9	1·1	20·8	1·2	20·2	1·0	19·9	1·7	17·8	1·6	18·9	2·4	20·4	2·5	21
22	19·9	0·8	20·8	1·1	20·8	1·2	20·0	1·1	19·7	1·6	17·7	1·6	18·9	2·5	19·6	1·5	22
23	20·5	1·0	20·7	1·4	20·6	1·0	20·0	1·0	19·1	1·4	17·2	1·3	18·0	2·0	19·5	1·6	23

Day / Hour.	25d.		26d.		27d		28d.		29d.		30d.		31d.		Mean		Day. / Hour
	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air	Excess of Air over Evap.	Air.	Excess of Air over Evap.	
Midnight	20·0	2·9	18·7	1·2	19·9	1·5	18·2	1·0	18·1	2·1	17·8	2·5	19·5	2·8	19·3	1·5	Midnight
1h	19·1	1·8	18·9	1·5	19·4	1·4	18·1	0·9	18·2	2·0	17·7	2·7	19·4	2·6	19·1	1·4	1h
2	19·1	2·1	19·0	1·8	19·6	1·4	18·1	1·0	18·0	2·1	17·4	1·8	19·1	2·4	18·8	1·2	2
3	19·9	3·1	19·0	1·5	19·4	1·5	18·1	0·9	18·1	2·0	17·5	2·3	19·3	2·8	18·8	1·3	3
4	19·0	2·3	19·1	1·6	19·1	1·2	17·8	1·1	17·8	2·9	17·6	2·6	19·0	2·9	18·7	1·4	4
5	18·7	2·0	19·0	1·6	19·1	1·1	17·9	0·9	17·8	2·6	17·5	2·7	19·0	3·1	18·6	1·2	5
6	18·8	2·0	19·0	1·7	19·2	1·0	17·9	0·9	18·3	2·5	17·3	2·2	19·0	3·0	18·6	1·2	6
7	19·3	2·3	20·0	2·4	19·0	0·5	17·9	0·9	18·6	2·5	18·0	2·5	18·8	2·6	18·8	1·3	7
8	21·6	3·4	20·9	2·6	19·5	0·9	20·3	2·0	19·1	2·5	19·9	3·0	20·7	3·3	20·5	1·8	8
9	22·4	4·3	22·4	3·5	21·0	1·2	21·2	2·6	21·1	3·4	20·7	3·7	21·3	4·0	21·8	2·7	9
10	23·2	4·9	23·1	4·0	21·5	2·2	21·0	2·8	21·7	4·0	21·2	3·7	22·0	4·9	22·4	3·1	10
11	23·8	5·2	23·5	4·8	22·1	2·6	20·1	2·0	22·7	4·7	22·3	5·0	23·4	5·4	22·9	3·5	11
Noon	24·0	5·0	24·1	4·8	22·4	3·0	20·9	3·0	22·9	4·3	23·0	5·4	23·6	5·7	23.2	3·6	Noon
13h	24·0	5·2	23·7	5·0	23·0	3·2	20·4	2·5	22·9	4·6	22·5	4·7	23·8	6·0	23·3	3·8	13h
14	24·1	6·2	24·0	5·0	21·9	2·7	20·0	2·0	22·4	4·4	22·9	5·2	24·1	5·9	23·1	3·7	14
15	24·2	5·4	23·8	5·1	21·3	2·2	19·5	1·2	22·5	4·8	21·9	4·3	23·9	5·9	22·7	3·4	15
16	23·6	4·6	23·6	4·5	20·8	1·5	18·8	2·0	20·9	3·6	22·0	4·5	22·3	5·3	22·4	3·4	16
17	22·6	4·2	22·7	3·8	20·1	1·0	18·6	1·8	20·0	2·9	20·6	3·6	21·4	4·7	21·7	2·9	17
18	21·2	2·7	21·8	3·3	20·0	1.1	18·4	1·5	19·0	1·8	19·6	2·6	20·2	4·2	20·8	2·1	18
19	19·6	2·2	21·0	2·4	19·7	1·0	18·4	1·4	18·5	3·2	19·0	2·3	19·0	3·3	20·1	1·8	19
20	19·9	2·1	21·0	2·5	19·4	1·0	18·3	1·8	18·3	2·7	19·6	2·8	18·5	3·3	19·9	1·8	20
21	19·8	2·1	20·9	2·2	19·5	1·0	18·8	2·2	18·4	3·3	19.4	2·5	18·2	2·6	19·8	1·8	21
22	18·7	1·7	20·8	2·1	19·0	1·0	18·2	2·0	18·0	2·2	19·4	2·7	18·6	2·7	19·5	1·5	22
23	19·4	1·8	20·4	1·8	19·1	1·1	18·1	1·8	18·0	2·3	19·5	2·8	18·3	2·3	19·4	1·4	23

TABLE XII.—NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(The results are increased by 90 in order to obviate the necessity for signs. The unit in the table is 0·1 metre.)

AUGUST 1926.

Day. / Hour.	1d.		2d.		3d.		4d.		5d.		6d.		7d.		8d.		Day. / Hour
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	
Midnight	890	925	888	919	900	949	900	943	903	916	907	917	897	914	870	945	Midnight
1h	889	917	889	917	900	952	900	945	904	921	908	919	897	917	886	935	1h
2	886	921	888	918	900	953	892	941	903	914	906	914	898	908	884	924	2
3	879	931	887	920	900	953	892	938	903	915	905	911	897	917	885	924	3
4	881	929	884	924	900	960	900	952	904	918	903	913	897	916	874	926	4
5	876	936	881	928	900	950	900	949	903	917	903	914	892	919	873	927	5
6	880	930	887	933	890	951	900	951	905	923	900	916	893	916	877	923	6
7	889	917	885	924	900	965	900	950	903	916	900	917	893	916	879	921	7
8	889	927	887	934	890	951	909	943	904	921	900	915	896	909	888	931	8
9	890	949	884	939	890	951	910	948	913	934	915	923	898	906	883	941	9
10	888	957	879	950	900	968	911	955	923	934	936	924	898	906	875	959	10
11	880	949	879	951	900	965	911	956	918	944	941	928	894	885	878	952	11
Noon	874	963	882	943	900	968	911	956	917	941	939	926	896	890	874	962	Noon
13h	875	959	878	952	900	978	911	952	924	936	942	909	895	889	878	953	13h
14	875	961	879	950	886	969	913	963	926	939	939	908	876	924	885	977	14
15	878	954	880	949	887	965	912	958	922	933	926	911	875	917	890	951	15
16	875	959	884	940	889	954	910	947	912	930	922	900	879	914	889	952	16
17	879	951	881	946	888	959	910	949	907	917	915	906	863	925	871	969	17
18	882	927	884	939	900	949	900	939	907	915	906	903	877	923	889	927	18
19	888	918	883	941	900	960	900	931	906	913	910	904	882	918	881	929	19
20	878	922	883	941	900	953	900	926	904	919	895	911	884	916	885	923	20
21	874	926	890	948	900	945	900	929	903	916	896	910	879	932	883	926	21
22	872	928	890	948	900	951	900	917	903	917	894	913	885	924	888	930	22
23	888	919	900	951	900	950	900	919	904	918	895	912	867	949	887	934	23

Day. / Hour.	9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	N.	E.	N.	E.	
Midnight	889	917	888	931	890	923	894	906	892	902	876	916	892	910	889	911	Midnight
1h	883	925	883	917	890	915	888	912	888	902	890	907	891	912	892	910	1h
2	882	927	892	908	891	912	889	911	890	902	880	913	893	909	893	909	2
3	884	924	887	913	890	914	888	912	879	904	891	907	892	911	892	911	3
4	873	941	887	913	887	913	890	915	887	903	876	915	890	914	890	915	4
5	884	939	888	912	890	910	890	914	882	904	886	910	891	913	893	910	5
6	878	952	889	911	888	912	893	910	883	907	892	906	892	910	890	914	6
7	879	952	890	910	887	913	896	906	889	905	887	913	890	915	890	915	7
8	878	953	887	913	887	913	896	906	888	905	887	913	888	918	888	919	8
9	874	963	883	926	896	918	903	916	890	904	881	928	885	937	893	915	9
10	868	978	876	936	884	924	908	908	892	903	884	939	894	928	900	922	10
11	866	982	887	933	887	919	902	909	900	880	892	940	887	933	904	921	11
Noon	871	970	885	937	897	916	912	900	890	885	887	933	892	939	906	929	Noon
13h	859	998	893	934	890	877	924	885	908	882	890	949	900	945	908	920	13h
14	861	995	900	932	900	882	875	910	873	900	884	940	908	938	905	922	14
15	865	984	908	940	897	916	882	904	876	910	891	945	900	931	909	921	15
16	867	979	887	933	895	912	888	902	879	914	886	934	889	928	908	919	16
17	870	972	880	930	889	916	887	903	876	915	887	932	883	925	904	919	17
18	875	959	886	922	883	903	892	902	876	915	887	934	889	917	906	929	18
19	871	944	881	919	882	904	891	902	878	914	890	915	887	913	907	933	19
20	875	937	880	920	882	908	891	902	873	918	888	918	882	918	900	931	20
21	870	946	884	916	889	908	893	901	888	919	889	916	886	914	894	927	21
22	876	936	884	916	887	913	889	902	885	915	890	915	887	920	891	921	22
23	876	936	884	916	895	905	892	902	876	915	893	910	890	915	892	918	23

TABLE XII.—(*Contd.*) NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(*The results are increased by* 90 *in order to obviate the necessity for signs. The unit in the table is* 0·1 *metre.*)

AUGUST 1926.

Day. / Hour.	17d.		18d.		19d.		20d		21d.		22d.		23d.		24d.		Day / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	890	923	873	941	890	923	889	917	882	927	892	910	887	913	890	915	Midnight
1h	890	925	871	944	892	920	889	928	877	923	891	913	890	910	889	916	1h
2	892	911	883	941	893	916	889	929	879	921	890	915	889	911	891	913	2
3	889	917	885	937	892	918	888	931	888	930	889	916	889	911	890	915	3
4	890	924	876	936	893	916	884	940	887	934	890	914	891	909	890	914	4
5	896	918	878	933	893	916	900	932	887	920	888	919	895	905	890	914	5
6	897	914	886	936	893	916	893	932	890	914	890	915	887	913	891	913	6
7	898	909	924	910	891	921	889	929	885	923	892	911	886	921	890	915	7
8	897	917	885	923	890	925	893	936	881	928	883	926	874	939	886	921	8
9	888	919	881	928	889	927	890	948	890	950	884	940	865	935	881	947	9
10	879	921	887	920	893	935	890	951	900	961	884	939	883	943	881	946	10
11	873	918	900	932	900	938	900	944	887	962	882	945	878	953	878	954	11
Noon	886	910	900	939	900	940	900	962	883	943	882	943	880	948	878	953	Noon
13h	888	912	900	938	892	941	910	950	879	952	882	943	878	953	872	967	13h
14	873	918	909	942	886	934	912	957	889	953	883	942	879	950	874	964	14
15	867	933	907	934	893	935	900	946	869	946	884	939	882	944	880	949	15
16	871	929	906	928	886	935	881	947	881	947	885	938	876	936	879	951	16
17	875	925	907	933	888	930	892	941	883	942	886	935	866	934	871	943	17
18	871	929	900	927	900	927	893	932	878	933	878	922	880	920	875	925	18
19	868	932	885	924	889	926	891	922	881	929	888	912	889	911	875	925	19
20	872	928	900	922	886	921	892	919	885	924	892	908	890	915	870	930	20
21	885	915	900	918	885	924	892	918	893	909	895	905	890	915	874	939	21
22	883	907	896	919	888	918	884	924	887	920	892	908	890	915	884	940	22
23	878	922	893	917	888	918	884	924	891	913	889	911	890	915	857	943	23

Day. / Hour	25d.		26d.		27d.		28d.		29d.		30d.		31d.		Mean.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	878	932	885	915	895	912	892	920	865	935	871	929	866	923	887	922	Midnight
1h	886	921	882	927	897	908	893	915	867	933	867	933	878	922	888	921	1h
2	882	927	882	927	895	912	896	909	875	925	881	928	873	918	889	919	2
3	874	939	874	926	894	913	900	911	884	907	869	931	874	911	888	920	3
4	883	925	882	927	894	915	900	914	848	922	871	929	866	914	886	923	4
5	885	923	879	921	897	906	895	912	880	920	883	941	858	917	888	921	5
6	885	924	880	920	904	910	896	907	887	913	866	934	858	928	888	921	6
7	886	922	883	917	906	915	890	914	887	906	868	921	876	916	891	920	7
8	883	942	889	929	885	924	881	913	868	921	846	954	860	916	886	925	8
9	879	950	886	936	904	921	861	916	847	953	856	944	853	932	885	934	9
10	876	957	882	944	895	924	848	935	848	952	848	952	858	942	886	939	10
11	877	956	890	951	905	926	854	931	839	961	854	946	859	941	890	939	11
Noon	874	963	890	950	900	926	863	925	848	952	863	937	854	931	888	938	Noon
13h	875	959	900	941	908	920	845	936	841	959	871	929	854	930	889	937	13
14	877	955	900	951	906	928	853	932	841	959	860	940	854	930	886	941	13
15	875	961	900	941	900	924	866	923	838	962	861	939	854	930	886	939	14
16	881	946	904	921	893	916	875	910	847	953	863	937	859	927	885	933	15
17	882	945	911	955	884	916	878	914	834	966	844	937	854	931	882	935	16
18	880	930	900	922	894	928	884	916	848	952	859	928	864	924	885	926	17
19	886	922	900	918	894	930	890	896	856	944	864	924	879	914	889	922	18
20	876	924	896	918	892	918	890	923	858	928	861	939	870	920	885	923	19
21	883	926	899	907	890	915	879	921	856	929	865	935	876	910	886	921	20
22	887	919	900	911	888	918	867	922	849	934	863	925	867	907	885	921	21
23	885	924	897	914	890	924	861	926	865	935	866	923	875	905	885	922	22

TABLE XIII.—DIRECTION and VELOCITY of the WIND at every HOUR of the DAY as recorded by the ROBINSON CUP ANEMOMETER, during AUGUST 1926.

The directions are given in points and the values indicate the direction from which the wind blows counting from South (0), West (8), North (16) and East (24).

The Velocities are given in Metres per second, using the factor 2·2.

*(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk *).*

AUGUST 1926.

Hour \ Day	1d. Dir.	1d. Vel.	2d. Dir.	2d. Vel.	3d. Dir.	3d. Vel.	4d. Dir.	4d. Vel.	5d. Dir.	5d. Vel.	6d. * Dir.	6d. * Vel.	7d. * Dir.	7d. * Vel.	8d. Dir.	8d. Vel.	9d. Dir.	9d. Vel.	10d. Dir.	10d. Vel.	11d. * Dir.	11d. * Vel.	12d. * Dir.	12d. * Vel.	13d. * Dir.	13d. * Vel.	14d. Dir.	14d. Vel.	15d. Dir.	15d. Vel.	16d. Dir.	16d. Vel.
Midnight	26	2·7	27	2·2	24	4·9	24	4·3	23	1·6	22	1·9	25	1·4	27	5·4	27	2·0	26	3·3	26	2·5	28	0·8	31	0·8	29	2·9	27	1·3	28	1·6
1h	27	2·0	27	2·0	24	5·2	24	4·5	23	2·2	22	2·1	25	1·7	26	3·8	27	3·0	28	2·4	27	1·8	28	1·7	31	1·2	29	1·2	27	1·5	27	1·3
2	27	2·5	27	2·1	24	5·3	25	4·2	23	1·4	22	1·5	25	0·8	27	2·9	27	3·3	28	1·1	27	1·5	28	1·5	31	1·0	29	2·4	27	1·1	27	1·1
3	27	3·7	27	2·4	24	5·3	25	3·9	23	1·5	22	1·2	25	1·7	27	2·8	27	2·9	28	1·9	27	1·7	28	1·7	31	2·2	29	1·1	27	1·4	27	1·4
4	27	3·5	27	2·9	24	6·0	24	5·2	23	1·8	23	1·3	25	1·6	28	3·7	27	4·9	28	1·9	28	1·8	27	1·8	31	1·3	29	2·8	27	1·7	27	1·8
5	27	4·3	27	3·4	24	5·0	24	4·9	23	1·7	23	1·4	26	2·1	28	3·9	26	4·2	28	1·7	28	1·4	27	1·7	31	1·8	29	1·7	27	1·6	27	1·2
6	27	3·6	26	3·5	25	5·2	24	5·1	23	2·4	24	1·6	26	1·8	28	3·3	26	5·7	28	1·5	28	1·7	27	1·2	30	1·9	29	1·0	27	1·3	27	1·7
7	27	2·0	27	2·8	24	6·5	24	5·0	23	1·6	24	1·7	26	1·8	28	3·0	26	5·6	28	1·4	28	1·8	27	0·7	30	1·2	28	1·9	27	1·8	27	1·8
8	26	2·9	26	3·6	25	5·2	23	4·4	23	2·2	24	1·5	26	1·0	26	3·3	26	5·8	28	1·9	28	1·8	27	0·7	30	1·3	28	1·8	27	2·1	27	2·2
9	25	5·0	26	4·2	25	5·2	23	4·9	22	3·6	21	2·7	26	0·6	26	4·4	26	6·8	27	3·1	25	1·8	23	1·6	30	1·1	27	3·4	26	4·0	26	1·7
10	25	5·8	26	5·4	24	6·8	23	5·6	21	4·1	19	4·4	26	0·6	26	6·4	26	8·4	27	4·4	27	2·9	20	1·2	30	0·9	26	4·2	25	2·9	24	2·2
11	26	5·3	26	5·5	24	6·5	23	5·7	22	4·8	19	5·0	[d]6	1·6	26	5·7	26	8·9	26	3·5	27	2·3	23	0·9	[d]8	2·0	25	4·1	26	3·5	23	2·1
Noon	26	6·8	26	4·7	24	6·8	23	5·7	22	4·4	19	4·7	6	1·1	26	6·7	26	7·6	26	4·0	25	1·6	[r]16	1·2	5	1·8	26	3·5	25	4·0	23	3·0
13h	26	6·4	26	5·7	24	7·8	23	5·3	21	4·4	17	4·3	6	1·2	26	5·8	26	10·6	25	3·5	[d]6	2·5	13	2·8	10	2·0	25	5·0	24	4·5	22	2·2
14	26	6·6	26	5·4	25	7·0	23	6·4	21	4·7	17	4·0	[r]28	3·4	25	7·9	26	10·3	24	3·2	8	1·8	[r]30	2·7	[r]32	2·7	26	4·3	23	3·9	23	2·3
15	26	5·9	26	5·3	25	6·6	23	5·9	21	4·0	18	2·8	29	3·0	25	5·2	26	9·1	23	4·1	[r]25	1·6	31	1·8	30	2·6	25	4·6	24	3·1	22	2·3
16	26	6·4	26	4·3	25	5·5	23	4·8	22	3·2	16	2·2	29	2·5	25	5·3	26	8·6	26	3·5	26	1·3	31	1·2	29	2·5	26	3·7	26	3·0	22	2·1
17	26	5·5	26	5·0	25	6·0	23	5·0	22	1·9	18	1·6	29	4·5	26	7·5	26	7·8	27	3·6	27	1·9	31	1·3	29	2·8	26	3·4	27	3·0	23	1·9
18	27	3·3	26	4·2	24	4·9	24	3·9	22	1·7	18	0·7	28	3·3	26	2·9	26	6·4	27	2·6	31	1·7	31	0·8	29	2·8	26	3·6	27	2·0	23	3·0
19	27	2·1	26	4·4	24	6·0	24	3·1	22	1·4	18	1·1	28	2·5	27	3·5	27	5·3	28	2·7	31	1·8	31	0·9	29	2·6	27	1·8	28	1·8	23	3·4
20	28	3·2	26	4·4	24	5·3	24	2·6	23	1·9	26	1·2	28	2·3	27	2·7	27	4·5	28	2·8	30	2·0	31	0·9	29	3·3	27	2·1	28	2·6	24	3·1
21	28	3·7	25	4·9	24	4·5	24	2·9	23	1·6	26	1·1	27	3·8	27	3·1	27	5·5	28	2·3	29	1·4	31	0·7	27	2·2	27	1·9	28	2·0	25	2·8
22	28	4·0	25	4·9	24	5·1	24	1·7	23	1·7	26	1·4	27	2·8	26	3·2	27	4·4	28	2·3	28	1·8	31	1·1	28	2·1	27	1·8	27	2·4	26	2·3
23	27	2·2	24	5·1	24	5·0	24	1·9	23	1·8	26	1·3	27	5·9	26	3·6	27	4·4	28	2·3	28	0·7	31	0·8	29	2·8	27	1·2	27	1·8	26	2.0

Hour \ Day	17d. Dir.	17d. Vel.	18d. Dir.	18d. Vel.	19d. Dir.	19d. Vel.	20d. Dir.	20d. Vel.	21d. Dir.	21d. Vel.	22d. Dir.	22d. Vel.	23d. Dir.	23d. Vel.	24d. Dir.	24d. Vel.	25d. Dir.	25d. Vel.	26d. Dir.	26d. Vel.	27d. Dir.	27d. Vel.	28d. Dir.	28d. Vel.	29d. Dir.	29d. Vel.	30d. Dir.	30d. Vel.	31d. Dir.	31d. Vel.	Mean Velocity
Midnight	26	2·5	27	4·9	26	2·5	27	2·0	27	3·3	27	1·3	28	1·8	27	1·8	27	3·9	28	2·1	26	1·3	26	2·2	28	5·0	28	4·1	29	4·1	2·7
1h	26	2·7	27	5·3	26	2·2	26	3·0	28	3·3	27	1·6	28	1·4	27	1·9	27	2·5	27	3·2	26	0·9	26	1·7	28	4·7	28	4·7	28	3·2	2·6
2	27	1·4	26	4·4	26	1·8	26	3·1	28	3·0	27	1·8	28	1·5	27	1·6	27	3·2	27	3·3	26	1·3	26	1·0	28	3·5	27	3·4	29	3·3	2·3
3	27	2·0	26	4·0	26	2·0	26	3·3	26	3·2	27	1·9	28	1·5	27	1·8	27	4·7	28	3·7	26	1·4	24	1·1	30	1·8	28	4·4	30	2·8	2·5
4	26	2·6	27	4·4	26	1·8	26	4·3	26	3·6	27	1·7	28	1·3	27	1·7	27	3·0	27	3·3	26	1·6	24	1·4	30	5·7	28	4·1	30	3·7	2·8
5	25	1·8	27	4·0	26	1·8	24	3·2	27	2·4	27	2·2	28	0·7	27	1·7	27	2·7	28	3·0	26	0·7	26	1·3	28	2·8	26	4·4	30	4·5	2·6
6	25	1·4	26	3·9	26	1·8	25	3·3	27	1·7	27	1·8	28	1·8	27	1·6	27	2·8	28	2·9	22	1·1	27	0·8	28	1·8	28	4·8	29	5·1	2·5
7	25	0·9	28	2·6	26	2·3	26	3·1	27	2·7	27	1·4	27	2·5	27	1·8	27	2·6	28	2·4	22	1·6	27	1·7	30	1·4	29	3·8	29	2·9	2·4
8	25	1·7	27	2·7	26	2·7	25	3·7	27	3·4	27	3·1	27	4·7	27	2·5	26	4·5	26	3·1	27	2·8	29	2·3	29	3·8	28	7·6	30	4·3	3·1
9	27	2·2	27	3·4	26	2·9	25	4·9	25	5·1	26	4·3	28	5·0	26	5·1	26	5·4	26	3·9	23	2·1	30	4·2	28	7·5	28	6·3	29	5·7	3·9
10	28	3·0	27	2·4	25	3·6	25	5·2	24	6·1	26	4·2	26	4·6	26	5·0	26	6·2	26	4·2	25	2·5	29	6·3	28	7·3	28	7·4	28	6·0	4·5
11	29	3·2	24	3·2	24	3·8	24	4·4	25	6·3	26	4·9	26	5·8	26	5·9	26	6·1	25	5·2	23	2·7	29	5·6	28	8·6	28	6·6	28	5·8	4·7
Noon	29	1·7	24	3·9	24	4·0	24	6·2	26	4·6	26	4·7	26	5·2	26	5·8	26	6·8	25	5·1	24	2·6	29	4·5	28	7·4	28	5.3	29	5·6	4·5
13h	28	1·7	24	3·8	25	4·2	23	5·1	26	5·6	26	4·7	26	5·8	26	7·2	26	6·4	24	4·1	22	2·2	29	6·6	28	8·3	28	4.2	29	5·5	4·8
14	29	3·2	23	4·3	26	3·7	23	5·8	25	5·4	26	4·5	26	5·4	26	6·9	26	6·0	24	5·1	23	2·9	29	5·7	28	8·3	28	5.7	29	5·5	5·0
15	28	4·7	23	3·5	25	3·6	24	4·6	27	5·6	26	4·2	26	4·8	26	5·3	26	6·6	24	4·1	24	2·4	29	4·1	28	8·8	28	5.5	29	5·5	4·6
16	28	4·1	23	2·9	26	3·8	26	5·1	26	5·1	26	4·1	27	4·3	26	5·5	26	5·0	23	2·2	26	1·8	30	2·7	28	7·5	28	5.3	29	4·9	4·0
17	28	3·5	23	3·4	26	3·2	25	4·2	26	4·5	26	3·8	28	4·9	27	5·2	26	4·9	23	5·6	28	2·3	29	2·6	28	9·3	29	6.7	29	5·6	4·3
18	28	4·2	24	2·7	24	2·7	25	3·3	27	4·0	28	3·2	28	2·8	28	3·6	27	3·6	24	2·2	25	2·9	28	2·3	28	7·4	29	5.0	29	4·4	3·3
19	28	4·5	27	2·8	26	2·8	26	2·4	27	3·5	28	1·7	28	1·5	28	3·6	27	2·6	24	1·8	25	3·1	2	1·1	28	6·3	29	4.4	29	2·5	2·9
20	28	4·0	24	2·2	27	2·5	26	2·1	27	2·8	28	1·1	27	1·8	28	4·3	28	3·4	25	1·8	26	2·0	26	2·5	29	5·1	28	5.5	29	3·6	2·9
21	28	2·1	24	1·8	27	2·8	26	2·0	27	1·1	28	0·7	27	1·8	27	4·7	27	3·1	25	0·7	27	1·8	28	3·0	29	5·3	28	5.0	30	2·6	2·7
22	30	1·9	25	1·9	27	2·1	27	2·9	27	2·4	28	1·2	27	1·8	26	4·3	27	2·3	24	1·1	27	2·1	29	4·0	29	6·1	29	4·5	31	3·4	2·7
23	28	3·2	26	1·9	27	2·1	27	2·9	27	1·6	28	1·6	27	1·8	28	6·1	27	2·8	25	1·4	26	2·6	29	4·7	28	5·0	29	4.1	31	2·6	2·8

[d] = direct [r] = retrograde.

TABLE XIV.—RAINFALL at every HOUR of the DAY at the ROYAL ALFRED OBSERVATORY MAURITIUS for AUGUST 1926.

Hour Ending \ Day.	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm.	mm	mm	...
1h	...	...	0·3	0·1	...	...	...	...	...	...	...	...	...	...	...	...	2·0	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...
2	...	...	0·5	...	...	...	...	1·6	...	...	...	...	...	...	...	...	1·3	0·5	...	0·2	...	...	...	...	...	...	...	...	...	...	...
3	...	...	0·9	0·5	...	...	...	...	...	...	...	...	...	...	...	0·2	2·0	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...
4	...	...	1·4	...	...	...	...	...	...	...	...	...	...	...	...	0·5	1·9	...	...	0·2	0·1	...	...	...	...	...	...	...	...	...	...
5	...	...	...	0·1	0·1	...	...	...	0·1	...	...	...	...	...	...	...	2·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	0·8	...	0·1	...	...	...	1·1	...	...	...	...	...	...	...	3·2	0·1	...	0·6	0·1	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	0·8	...	...	...	...	...	...	0·2	2·0	0·2	...	0·2	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	0·4	...	...	...	...	...	...	...	2·4	0·6	...	...	...	...	...	...	...	...	1·0	...	...	...	...
9	...	...	...	...	...	...	...	...	0·5	...	...	...	...	...	...	1·2	5·2	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	0·5	...	...	...	...	...	...	...	2·5	...	...	0·5	...	...	...	...	...	...	...	...	...	...	...
11	...	...	0·3	...	...	...	...	...	0·3	...	...	...	...	...	...	...	2·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Noon	...	...	...	...	...	...	...	...	0·2	...	...	...	2·7	...	...	...	1·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13h	...	...	...	...	...	...	...	...	0·2	...	...	...	0·8	...	...	0·1	5·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	1·8	...	...	...	...	...	0·4	...	...	0·2	7·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	2·2	...	...	...	10·0	0·2	...	...	...	...	5·3	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...
16	...	...	0·1	...	...	...	0·7	...	...	...	16·3	0·6	0·2	...	...	...	0·7	...	...	...	...	...	...	...	...	...	...	0·8	...	...	...
17	...	...	0·6	...	...	...	...	...	...	...	0·9	...	...	...	...	...	1·0	...	...	...	...	...	...	...	...	...	0·5	...	...	...	...
18	...	...	0·4	...	...	...	0·3	...	...	...	0·2	...	...	...	...	...	1·0	...	...	...	...	...	...	...	...	...	0·1	0·1	...	...	...
19	...	...	0·6	...	...	...	0·3	...	...	...	...	...	...	...	...	...	2·5	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...
20	...	...	...	...	...	...	1·0	...	...	...	...	...	...	...	...	...	2·8	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...
21	...	...	0·3	...	...	...	...	0·2	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	0·1	...	...	...	...	0·8	...	...	...	...	...	...	...	...	0·2	3·7	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...
23	...	0·2	...	...	...	...	1·6	0·2	...	...	...	...	...	...	...	0·3	2·5	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...
24	...	0·6	...	...	...	...	...	...	...	...	...	...	...	...	...	2·4	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE XV.—TOTAL MONTHLY RAINFALL at VARIOUS STATIONS in MAURITIUS, grouped according to the RIVER SYSTEMS as indicated on the CHART for the MONTH of AUGUST 1926.

River System.	Register Number	Station	Approximate Altitude feet.	Total fall in inches.	Total fall in mill.	Normal in mill.	Number of days.
1	2	St. Antoine	50	5·18	131·6	48·0	12
	3	Belmont	50	5·24	133·1	34·8	12
	4	Poudre d'Or	20	5·57	141·5	35·3	12
	5	Mon Loisir (R.)§ ...	300	...	...	...	...
	6	Mon Loisir S. E.§ ...	300	...	...	...	...
	7	Forbach§	300	...	...	...	...
	8	Labourdonnais§ ...	290	...	...	...	...
	9	Beau Séjour	300	5·11	129·8	89·2	15
	10	Mont Piton	360	5·93	150·6	78·7	14
	11	Mon Choix	700	5·46	138·7	72·9	11
	12	Antoinette	640	9·64	244·9	97·0	14
	13	California§	850	...	...	...	...
	14	Nouvelle Découverte ...	1,400	8·35	212·1	92·7	11
	15	Mon Songe	620	8·51	216·1	98·3	13
	16	La Grande Rosalie§ ...	643	...	...	...	...
	17	The Mount§	325	...	...	...	...
	18	Botanic Gardens ..	325	4·49	114·0	71·1	18
	19	The Observatory ...	179	5.00	127.0	63·0	18
	20	Solitude§	175	...	...	...	...
	21	St. André	90	...	...	...	...
	22	Belle Vue Harel§ ...	350	...	...	..	...
	23	Mont Choisy§	10	...	...	...	...
	25	Esperance (Trebuchet)*	165	...	...	...	..
	28	Mon Rocher§	...	..	...	...	...
	45	Roche Bois Station§ ...	44	...	..	...	...
	46	Riche Terre Station§ ...	106	...	...	...	...
	47	Terre Rouge Station§ ..	137	...	...	...	...
	48	Mapou Station* ..	296	...	...	..	...
	49	Poudre d'Or Station§ ...	772	...	...	...	...
	50	Rivière du Rempart* ...	134	...	...	...	...
2 & 3	1	Union Régnard S.E.§ ...	600	...	...	...	..
	2	Constance d'Arifat L.G.	100	6·20	157·5	67·6	14
	3	St. Julien Church§ ...	1,050	...	...	...	...
	4	Riche Fund	600	9·23	234·4	120·1	19
	5	Constance (Manès)§ ...	..	...	...	...	...
	6	Queen Victoria§ ...	.	...	...	...	...
	7	Belle Mare§	...	...	...	...	...
	8	Bel Etang (Lesur)§ ...	...	...	...	...	...
	9	Belle Vue (Allendy)*	...	..	...	...	...
	10	St. Julien E(K. Reetoo)§	...	...	...		...
4	1	Sans Souci§	900	...	...	...	...
	2	Etoile§	400	...	...	...	...
	3	Beau Champ	20	10·83	275·1	46·9	14
	4	Belle Rive§	400	...	...	...	...
	5	Olivia	400	21·92	556·8	96·8	17
	6	Deep River§	350	..	..	...	...
	7	Belle Rose Estate§ ...	...	...	...	...	...
	8	Melrose§	...	...	...	...	
	9	Bonne Veine*	...	12·54	318·5	...	23
5	1	Rose Belle§	850	...	...	...	..
	2	Riche-en-Eau§	460	...	...	...	...
	3	Ferney§	20	...	...	...	..
	4	Beau Vallon§	60	..	...	...	...
	5	Union Vale§	200	..	...	...	...
5 cont.	6	Mon Désert (Carié)* ...	75	...	...	...	...
	7	Cluny§	1,000	...	...	...	...
	8	Union Park§	...	...	...	...	...
	9	Sauveterre Estate* ...	...	7·06	179·3	...	14
	10	Bananes Estate§ ...	...	18·07	459·0	...	19
6	1	Kanaka	2,000	19·15	486·4	255·3	26
	2	Tivoli§	1,300	...	...	...	...
	3	La Flora*	1,050	..	...	...	...
	4	Britannia	730	13·26	336·8	152·1	23
	5	Savannah (Mill)§ ...	200	..	...	...	...
	6	St. Aubin§	300	...	...	...	...
	7	Union B.A.St.Félix S.E.§	90	...	...	...	...
	8	Beau Bois§	350	...	...	...	...
	9	St. Avold*	900	20·74	526·8	...	21
	10	Terracine§	100	...	...	...	...
	11	St. Félix S.E.§	...	...	...	...	...
	12	Bel Air§	..	...	...	...	...
	13	Chamouny§	...	...	...	...	...
	14	Union S. E.*	...	8·09	205·5	...	17
	15	Fontenelle*	...	10·74	272·8	...	12
	16	Combo§	...	..	...	...	...
	17	St. Felix (Wilson)§ ...	..	...	...	...	...
	18	Choisy Estate§	...	...	..	...	...
7, 8 & 9	1	Bel Ombre	40	...	...	...	...
	3	Beau Champ*	...	...	...	...	...
	4	Board*	...	..	...	...	..
	12	Tamarin Station§ ...	155	...	...	...	...
	13	Médine Station§ .	184	...	...	...	...
	14	Albion Station§ ...	72	...	...	...	...
10		No returns	...	...	...	...	...
11	1	Les Gorges§	...	...	...	...	...
	2	Curepipe Gardens ...	1,840	12·18	309·4	186·9	27
	3	Mare aux Vacoas ...	1,850	25·42	645·7	254·5	25
	4	La Marie Filter Bed ...	1,700	13·15	334·0	119·4	26
	5	Réunion§	1,420	...	...	...	...
12	1	The Manse	850	4·51	114·7	43·9	22
	2	The Bower§	1,080	...	...	...	...
	3	Le Réduit (D. of A.)§...	1,000	...	...	...	...
	4	Alma	1,460	10·84	275·3	177·0	19
	5	Bagatelle§	1,250	...	...	...	...
	6	Highlands*	1,300	6·57	166·9	...	18
	7	Trianon	950	5·39	136·9	66·5	17
	8	Salency§	923	...	...	..	...
	9	La Ferme*	350	2·68	68·1	...	13
	10	Bon Air§	1,050	...	...	...	...
	11	Val Ory	1,100	5·83	148·1	55·9	22
	12	Ebène§	...	...	...	...	...
	13	Mon Rêve§	...	...	...	...	...
	14	Bassin§	...	...	...	...	..
	15	Hermitage§	...	...	...	...	...
	16	Côte d'Or	...	8·16	207·3	...	13
	17	Mon Repos§	...	...	..	...	..
13	1	The Albion Dock§ ...	18	..	...	...	...
	2	Institute§	...	...	...	...	...

*Normals not available. §Record not Received.

TABLE XVI.—OBSERVATIONS of the DIRECTION and VELOCITY of CLOUDS made at the AEROLOGICAL STATION VACOAS 424·5 metres ab ve SEA LEVEL during the month of AUGUST 1926.

Day \ Type	Time	Scud		Cumulus Cu. st. &c.		Alto cu: Alto st:		Cirro Cumulu		Cirro Stratus		Cirrus		Time	Scud		Cum: Cu. st. &c.		Alto Cum Alto St:		Cirro Cum		Cirro Stratus		Cirrus	
		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dr.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height
	h		°		°		°		°		°			h		°		°		°		°		°		°
1	11½	300	0·8	...	...	...	...	...	...	...	...	...	...	14h	300	0·9	300	0·2	...	...	...	...	...	...	...	...
2	10h	300	0·9	285	0·8	...	...	...	...	...	...	...	...	14¾	...	...	300	0·6	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	12½	270	0·9	240	0·4	...	...	...	...	...	...	...	...	15½	255	0·7	255	0·9	...	...	...	...	...	...	...	...
5	9¾	...	...	270	0·5	...	...	...	...	...	...	...	...	14¾	...	...	240	0·4	...	...	...	...	...	...	...	...
6	11¾	...	...	240	0·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	11½	...	...	292	1·0	...	...	...	...	...	...	...	...	14¾	...	...	285	1·6	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	12½	...	...	270	0·6	285	0·3	...	...	...	...	...	...	14¾	283	0·9	285	0·4	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	10h	...	...	240	0·7	260	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	9¾	285	0·9	270	0·6	330	0·2	...	...	...	...	...	...	12¾	...	...	288	0·6	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	9¾	260	0·5	260	0·5	...	...	...	...	...	...	...	...	14¼	300	0·5	300	0·5	...	...	...	...	...	...	...	...
20	9½	...	...	292	0·7	...	...	...	...	...	...	...	...	14¾	...	...	270	0·8	...	...	...	...	...	...	...	...
21	9¾	280	0·8	280	0·7	...	...	...	...	...	...	...	...	12¾	285	0·9	285	0·3	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·20	0·2
23	9¾	...	...	315	1·0	...	...	...	...	...	...	...	...	14¾	...	...	310	0·8	...	...	...	...	...	...	...	...
24	11¾	...	...	325	1·2	...	...	...	...	...	...	...	...	12½	310	1·5	310	0·7	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	12½	...	...	280	0·2	210	0·3	...	...	...	...	...	...	14¾	...	...	300	0·4	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	11¾	...	...	360	0·4	...	...	...	...	...	...	...	...	14½	330	0·7	330	0·6	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

The Direction is that from which the Cloud travels, counting South (0°); West (90°); North (180°). The Velocity-Height-Ratio is given in milliradians per sec.

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NEW SERIES (MONTHLY). VOL. XII. PART 9 PRICE R. 0.75

ROYAL ALFRED OBSERVATORY, MAURITIUS.

(LATITUDE 20°5′·39 S.—LONGITUDE 3h 50m 12s·6 E.)

RESULTS

OF

MAGNETICAL AND METEOROLOGICAL OBSERVATIONS

FOR THE MONTH OF

SEPTEMBER 1926

M. OLIVIER,

OFFICER IN CHARGE.

Published by Authority of His Excellency the Governor

PORT LOUIS
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1926.

TABLE I.—RESULTS of MAGNETICAL OBSERVATIONS made during the MONTH of SEPTEMBER 1926

Month and Day. 1926	Mean Declination (West)	Mean Horizontal Force. (C.G.S. Units.)	Mean Vertical Force. (C.G.S. Units.)	Daily Range of.† Declination.	Horizontal Force (Unit 1 γ)	Vertical Force (Unit 1 γ)
	° ′					
1	11·21·6	·22868	·29831	5·3	21	29
2	22·3	864	833	6·3	28	21
3	21·1	866	834	13·0	19	29
4	20·7	869	831	8·5	24	41
5	19·8	870	831	10·0	27	33
6	20·5	857	830	7·8	41	39
7	21·6	854	836	4·4	37	30
8	21·6	820	850	8·5	113	26
9	19·0	829	852	14·2	68	17
10	16·9	827	847	8·3	42	36
11	18·4	837	845	11·5	39	34
12	20·8	846	846	11·6	31	22
13	21·0	843	843	14·0	18	32
14	18·8	834	846	9·9	93	33
15	21·0	796	852	15·8	153	51
16	21·9	781	860	11·7	114	34
17	22·0	824	858	6·5	39	28
18	22.6	831	851	8·0	66	45
19	23·4	832	855	7·7	90	34
20	23·6	808	859	7·9	87	33
21	21·8	762	867	8·8	130	30
22	22·7	790	860	6·8	36	45
23	22·7	821	861	5·0	20	29
24	22·6	829	862	9·8	21	28
25	23·1	831	865	11·3	29	26
26	23·2	842	868	9·0	22	16
27	24·1	844	865	10·2	19	35
28	23·9	847	864	8·0	22	24
29	24·2	856	865	6·3	27	29
30	24·1	857	865	6·9	31	22
...	...	...	...	...	...	...
Mean	11·21·70	·22834	·29851	9·10	50·2	31.0

Description of the Principal Magnetic Disturbances

The following notes give a brief description of the principal magnetic disturbances The movements in Horizontal Force and Vertical force are expressed in G.G.S. units.

The term "wave" indicates a movement in one direction and return; "double wave," a movement in one direction and return with continuation in the opposite direction and return; "fluctuations," a number of movements in both directions.

The extent and direction of the movement are indicated in brackets, + denotes an increase and—denotes a decrease of the Magnetic Element; ± denotes positive and negative movements of approximately equal extent.

Sept. 8d.20h.—Shallow wave in H.F. (−90γ)—Irregular small fluctuations in V.F.
9d.12h. to 10d.2h.—Double wave in H.F. (+55γ) with superimposed fluctuations.
12d.0h. to 0h.45—Sharp increase in H.F. (20γ)
14d.12h.45—This disturbance commenced in H.F. with a slight increase of force (15γ) followed by a negative wave (90γ) at 23h.50.
The force regained its normal intensity by 15d.3h to 14h. when a second negative wave occurred (137γ) lasting until 16d.4h.
15d.20h.—Rapid decrease of force in V.F. (26γ) followed by partial recovery. Accentuated diurnal variation in Declination.
17d.2.—Sharp increase in H.F. (48γ)
18d.12. to 19d.4h.—Fluctuations in H.F.
19d21h50 to 21d.22h.—Large rapid tremors in H.F.
19d.22h.—Accentuated diurnal variation in V.F.
20d.18h. to 21d.22h.—Rapid fluctuations in V.F. & Declination.

T=0·37583: Mean Dip=θ=52°.35′·20. (X=·22386: Y=−·04498 :Z=·29851).
† The daily range is the difference between the greatest and least hourly values.

TABLE II.—RESULTS of ABSOLUTE DETERMINATIONS of the MAGNETIC ELEMENTS during the MONTH of SEPTEMBER 1926

Declination (West)		Horizontal Force (C.G.S. Unit)		Dip (South). A.M. Observations.		Resulting Vertical Force. C.G.S. Units.	P.M. Observations.		Resulting Vertical Force C.G.S. Units
Day and Hour.	Observed Value.	Day and Hour.	Observed Value.	Day and Hour.	Observed Value.		Day and Hour.	Observed Value.	
d h m	° ′	d h m		d h m	° ′		d h m	° ′	
SEP. 3. 9.55	11.27·92	SEP. 8. 9·46	·22843	SEP. 10. 9·29	52.37·50	·29848	SEP. 10.14.59	52.35.75	·29861
10. 9.42	11.24·19	·12·15	·22828	17. 9.16	52.37·00	·29864	17·15.15	52.36·62	.29859
·14.43	11.18·31	17·10·16	·22828	25· 8·46	52·35·75	·29870	25.12·44	52.36·75	·29867
17. 9·29	11.24·12	·12·23	·22846						
·15.27	11.18·06	25. 9·51	·22844						
25. 8.56	11.25·94	25·12·24	·22826						
·13·17	11·20·57								

TABLE III.—MAGNETIC DECLINATION (WEST) at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

SEPTEMBER 1926.

Hour \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Hour \ Day.
	11° +																
Midnight	21·8	22·0	25·8	18·4	17·8	18·2	21·8	23·8	24·0	14·0	14·2	22·0	19·7	16·0	15·8	29·7	Midnight
1h	21·9	22·0	26·0	18·3	17·9	19·0	21·0	24·2	24·2	14·0	14·5	20·4	18·5	17·3	15·7	27·5	1h
2	21·6	22·0	25·7	18·0	17·4	18·6	20·6	24·3	24·3	14·0	14·1	19·9	18·0	18·0	15·6	25·5	2
3	21·0	22·2	24·2	18·0	17·7	18·9	21·3	24·0	24·1	15·3	14·3	18·8	18·3	18·0	14·9	20·8	3
4	21·1	21·8	23·6	18·0	17·8	20·8	20·5	24·0	24·3	15·1	15·8	18·6	19·2	17·9	14·4	20·0	4
5	20·8	21·2	22·4	18·0	18·6	20·3	20·3	23·9	25·2	14·9	16·1	18·2	20·5	18·0	14·3	20·0	5
6	19·9	21·0	22·0	20·2	21·3	19·7	19·8	23·8	24·0	15·9	16·7	19·9	21·6	18·1	14·8	18·0	6
7	19·6	20·4	22·6	22·0	22·8	19·3	19·6	24·0	23·0	16·7	17·9	22·1	23·0	20·0	17·5	18·0	7
8	20·3	21·3	23·5	23·7	24·0	20·2	20·0	23·9	23·8	18·2	19·5	24·2	24·9	22·5	21·0	19·8	8
9	22·4	23·3	26·3	25·6	24·1	23·0	22·0	24·0	24·3	22·0	21·2	27·6	26·8	24·0	25·0	19·9	9
10	24·5	24·8	26·8	25·8	25·0	24·0	22·2	24·5	24·1	22·1	23·3	27·8	27·8	25·8	25·8	21·9	10
11	24·7	25·8	27·0	26·0	25·7	24·0	22·0	23·7	23·3	22·0	24·4	27·2	28·1	24·9	23·9	22·2	11
Noon	24·4	25·6	24·0	25·0	25·3	23·8	22·0	21·8	20·4	22·0	25·6	25·9	28·9	23·7	21·7	22·1	Noon
13h	24·2	24·5	21·0	24·0	23·8	23·6	22·0	19·0	18·2	22·3	24·0	23·8	27·8	20·8	19·5	21·6	13h
14	23·0	23·8	19·0	22·9	22·0	22·4	21·5	18·0	16·3	20·9	21·8	21·6	24·3	18·3	17·4	20·5	14
15	20·3	21·0	16·0	20·8	20·0	21·7	21·0	16·8	14·8	17·5	17·9	19·5	21·9	17·5	17·8	19·7	15
16	19·5	19·6	14·9	19·9	18·2	20·6	20·3	16·4	13·0	15·7	15·8	18·4	18·0	16·6	17·9	19·9	16
17	19·4	19·5	14·0	19·7	16·8	20·3	21·8	16·3	11·9	15·9	14·7	17·3	17·7	16·2	20·8	21·8	17
18	19·7	20·0	15·2	19·8	16·3	19·0	22·0	16·0	11·0	15·8	15·6	16·2	16·6	16·4	24·0	21·7	18
19	21·6	20·4	16·8	19·9	16·0	17·8	23·5	17·9	11·7	15·0	16·5	17·5	16·2	16·3	26·5	23·8	19
20	21·9	21·0	18·0	18·6	15·7	16·2	24·0	20·0	12·6	14·3	17·0	18·0	16·0	16·0	25·7	23·2	20
21	21·2	22·2	18·9	18·0	16·3	18·0	23·7	21·9	13·9	14·3	17·7	18·0	15·3	16·1	27·9	23·8	21
22	20·8	23·3	18·6	18·0	16·8	20·3	22·4	22·8	14·3	14·3	18·0	18·1	14·9	16·0	29·8	24·0	22
23	21·7	24·1	18·0	17·5	17·9	21·1	22·8	23·9	14·3	14·2	21·3	18·6	15·8	15·9	30·2	23·9	23

Hour. \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Hour \ Day.
	11° +																
Midnight	23·8	22·8	23·8	25·8	26·8	24·2	22·8	23·8	23·4	24·2	24·0	24·0	24·0	24·0	...	22·1	Midnight
1h	23·3	22·6	24·0	24·7	24·9	25·0	23·2	22·3	23·7	24·1	24·0	24·0	24·0	24·1	...	21·9	1h
2	20·0	22·5	24·2	24·2	23·3	23·8	23·7	23·5	23·8	24·2	23·9	24·0	24·0	24·1	...	21·6	2
3	22·2	22·7	25·0	24·0	23·1	24·1	22·2	23·6	22·9	24·3	23·9	24·0	24·0	24·1	..	21·4	3
4	22·1	22·4	23·9	24·0	23·2	24·0	23·1	23·9	23·8	24·2	24·0	24·0	24·0	24·0	...	21·5	4
5	22·0	22·2	24·0	24·0	21·9	24·1	22·6	24·0	23·0	24·0	23·9	23·9	24·0	24·0	...	21·3	5
6	22·2	22·3	22·2	21·8	19·8	24·2	20·7	23·3	23·2	23·3	22·8	23·6	23·9	24·0	...	21·1	6
7	21·8	22·9	21·9	21·5	20·2	24·7	20·0	23·7	23·4	22·0	22·2	23·7	24·2	25·1	..	21·5	7
8	22·0	24·3	22·3	24·0	20·7	24·6	22·0	24·6	24·0	23·5	24·0	24·9	26·0	26·4	...	22·8	8
9	23·0	26·7	23·8	24·6	21·4	25·0	24·6	26·0	26·0	24·3	26·9	26·6	27·9	28·0	...	24·5	9
10	24·4	28·0	24·0	25·8	18·0	24·3	24·8	25·7	27·7	26·5	29·0	28·0	28·2	28·2	...	25·3	10
11	25·3	25·9	24·5	24·0	18·2	23·6	24·5	24·3	28·0	26·9	30·1	28·0	28·0	26·8	..	25·1	11
Noon	23·8	22·2	24·0	24·0	20·0	22·0	22·4	22·9	26·0	25·8	28·0	25·3	24·8	24·0	...	23·9	Noon
13h	21·7	20·9	22·2	22·7	19·8	20·0	20·7	20·4	22·0	23·0	25·0	22·7	22·5	22·2	...	22·2	13h
14	20·6	20·8	21·6	21·9	18·1	18·2	19·8	18.6	19·5	20·0	21·9	21·9	22·0	21·7	...	20·7	14
15	19·0	20·5	20·4	20·5	18·2	19·0	21·0	16·2	17·3	18·0	20·0	20·0	21·9	21·3	...	19·3	15
16	18·8	20·2	20·3	20·1	20·1	19·3	21·9	17·5	16·7	17·9	19·9	20·0	22·0	21·5	...	18·7	16
17	20·3	20·0	21·5	21·3	22·0	19·8	22·3	19·7	18·6	20·0	21·5	22·0	22·6	22·1	...	19·3	17
18	21·9	20·4	22·4	21·8	22·3	22·0	23·6	22·0	22·0	22·0	23·6	23·5	23·2	22·9	...	19·9	18
19	21·9	21·7	23·6	23·3	26·0	22·3	23·7	22·9	22·9	22·8	23·9	23·9	23·7	23·5	...	20·8	19
20	22·0	21·6	23·9	23·2	24·8	22·5	23·8	23·0	23·5	23·3	23·9	23·9	23·8	23·7	...	20·8	20
21	22·1	22·2	23·7	25·7	24·1	23·2	23·7	23·8	24·0	23·8	24·0	24·0	23·9	23·8	...	21·3	21
22	22·1	22·6	28·0	25·0	23·7	23·0	23·6	23·9	24·0	23·9	24·0	24·0	24·0	23·9	...	21·6	22
23	22·2	24·0	26·0	28·0	24·2	23·4	23·8	23·9	24·1	23·9	24·0	24·0	24·1	24·0	...	22·0	23

TABLE IV.—MAGNETIC HORIZONTAL FORCE at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber).

SEPTEMBER 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
	·22000 + (C.G.S. UNIT.)																
Midnight	861	860	865	863	870	875	838	847	800	835	830	835	840	840	770	699	Midnight
1h	862	853	864	866	872	880	838	846	809	830	835	847	838	841	800	740	1h
2	862	852	865	870	879	878	835	845	827	850	840	840	850	842	820	720	2
3	863	857	872	879	886	873	841	850	829	841	840	840	841	846	810	753	3
4	866	870	878	880	884	869	852	852	822	832	841	841	848	848	813	772	4
5	871	880	879	885	883	865	859	853	824	836	841	846	844	851	810	776	5
6	875	874	870	882	881	861	861	850	821	836	844	847	844	850	818	781	6
7	882	870	866	876	880	860	866	860	837	825	850	849	850	855	816	783	7
8	880	866	862	872	875	857	870	857	836	825	851	855	850	854	822	790	8
9	873	864	860	870	870	854	872	852	839	821	852	859	851	852	827	799	9
10	870	860	860	867	870	855	871	845	848	820	851	860	850	850	836	810	10
11	867	864	862	866	869	860	870	839	840	827	850	857	852	843	839	812	11
Noon	868	867	860	866	866	867	861	835	868	822	843	866	852	838	830	813	Noon
13h	859	868	860	865	864	868	860	841	866	826	853	858	840	844	822	810	13h
14	867	870	864	868	862	859	859	837	850	834	849	842	840	840	820	804	14
15	872	870	865	863	860	848	855	810	830	839	830	840	838	846	819	790	15
16	870	867	865	865	860	841	854	782	804	828	821	839	834	848	815	780	16
17	864	864	866	863	860	843	852	781	808	810	827	837	835	830	810	784	17
18	866	865	866	861	860	848	849	775	807	819	814	840	840	821	790	773	18
19	870	860	867	861	860	850	846	758	815	822	821	840	840	827	793	762	19
20	868	860	868	862	859	850	845	747	812	808	820	840	840	828	760	778	20
21	862	860	868	864	863	847	847	769	838	819	820	840	841	814	725	777	21
22	862	860	869	866	865	842	848	770	827	819	825	840	840	778	693	785	22
23	863	863	862	869	870	839	846	795	818	826	827	841	840	762	686	792	23

Hour. \ Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	...	Mean	Day. / Hour
	·22000 + (C.G.S. UNIT.)																
Midnight	801	831	820	780	751	768	810	816	831	831	840	840	847	850	...	824·8	Midnight
1h	813	836	822	798	780	780	817	837	830	834	841	845	848	850	...	831·7	1h
2	840	837	830	807	810	790	820	822	833	838	842	840	848	850	...	836·1	2
3	824	842	823	805	820	786	824	824	835	838	844	840	850	851	...	837·6	3
4	816	840	836	806	820	795	821	825	834	840	845	842	850	850	...	839·6	4
5	818	840	829	814	810	799	826	827	841	845	847	843	849	852	...	841·4	5
6	815	843	830	821	812	794	830	830	840	849	848	843	848	853	...	841·7	6
7	819	850	830	819	810	792	830	830	840	850	850	848	850	852	...	843·2	7
8	816	859	829	822	814	790	825	831	841	851	850	850	853	853	.	843·5	8
9	817	848	828	830	780	780	822	835	846	852	854	857	857	864	...	842·8	9
10	819	836	837	827	729	781	827	835	840	853	855	862	868	871	...	842·1	10
11	825	830	850	813	717	796	829	834	840	849	853	862	874	876	...	842·2	11
Noon	833	841	860	833	719	801	828	832	832	845	850	858	872	879	...	843·5	Noon
13h	838	842	870	845	750	787	825	831	826	840	847	850	873	880	...	843·9	13h
14	830	830	866	840	736	779	821	829	823	840	844	848	870	873	...	839·8	14
15	823	824	847	827	726	778	819	828	826	840	841	843	867	866	...	834·3	15
16	825	830	834	819	727	786	815	824	820	835	838	844	859	856	...	829·5	16
17	820	832	836	814	708	799	812	825	817	833	836	845	851	850	...	827·1	17
18	821	830	837	805	690	795	814	825	820	836	836	846	850	850	...	825·0	18
19	823	818	831	820	723	791	814	829	821	840	839	847	850	850	...	826·3	19
20	826	817	836	788	780	782	817	826	826	839	840	845	849	849	...	825·5	20
21	828	802	814	763	722	790	820	828	825	838	840	844	848	851	...	822·2	21
22	830	793	802	761	769	801	816	833	829	837	840	845	850	851	...	821·5	22
23	833	804	780	758	764	804	814	832	825	839	839	846	850	850	...	821·2	23

TABLE V.—MAGNETIC VERTICAL FORCE AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(*The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber*).

SEPTEMBER 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Hour.
	·29000 + (C.G.S. UNIT).																
Midnight	833	834	833	835	834	835	836	841	858	851	850	850	850	850	864	877	Midnight
1h	833	834	833	834	833	834	839	841	855	851	850	846	850	850	861	875	1h
2	833	834	833	834	833	834	836	841	853	849	850	848	850	850	855	868	2
3	833	834	834	835	833	835	832	841	850	849	850	848	849	850	857	863	3
4	834	834	835	835	834	835	837	840	850	850	850	848	848	849	855	862	4
5	835	834	835	836	835	836	838	840	850	850	850	847	848	848	854	862	5
6	834	833	834	835	831	836	837	840	850	850	847	846	847	846	853	862	6
7	832	832	832	835	834	836	835	839	846	851	848	847	845	847	853	864	7
8	835	838	837	840	838	840	840	845	841	856	851	850	850	850	856	867	8
9	840	841	844	845	841	842	844	856	850	860	855	853	852	855	859	864	9
10	842	842	849	843	842	842	845	861	854	860	854	851	853	861	857	862	10
11	840	840	848	839	840	831	841	865	850	854	850	849	849	857	850	859	11
Noon	830	839	839	830	832	821	832	862	858	848	846	842	832	846	840	852	Noon
13h	822	832	833	820	825	810	823	850	856	834	838	837	821	832	828	846	13h
14	815	824	830	810	812	803	815	844	853	832	827	831	822	830	826	843	14
15	813	821	823	804	809	804	817	842	850	824	821	833	828	828	829	845	15
16	816	824	820	810	811	810	826	849	851	827	826	836	833	829	830	851	16
17	821	830	825	820	820	821	832	852	852	836	833	842	839	834	840	857	17
18	829	834	832	830	829	831	838	851	853	844	843	848	843	843	850	859	18
19	831	833	834	832	832	832	840	853	855	849	848	847	844	843	856	862	19
20	832	833	834	832	833	833	841	859	851	850	849	848	844	845	850	862	20
21	833	834	835	833	835	835	842	862	853	851	850	849	846	848	865	863	21
22	834	834	835	834	836	836	842	865	852	852	850	849	847	852	872	863	22
23	834	833	835	834	836	837	842	860	853	852	850	850	848	860	877	862	23

Hour. \ Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d	30d.	...	Mean	Hour
	·29000 + (C.G.S. UNIT).																
Midnight	861	857	860	865	872	875	866	870	867	870	870	870	870	869	...	855·8	Midnight
1h	861	857	859	863	867	873	865	868	867	870	870	869	870	869	...	854·9	1h
2	855	857	860	860	862	870	864	867	867	870	870	868	870	868	...	853·6	2
3	860	856	859	860	860	870	862	866	865	869	869	868	869	868	...	853·3	3
4	860	856	857	860	860	870	862	865	865	868	869	868	869	868	...	853·1	4
5	861	856	859	860	860	870	862	864	864	867	868	868	868	868	...	853·1	5
6	860	855	856	858	860	870	860	863	863	864	866	867	868	868	...	852·1	6
7	859	859	856	861	863	871	860	865	865	863	865	867	870	870	...	852·3	7
8	861	860	861	870	865	871	868	870	870	869	872	870	874	872	...	856·2	8
9	870	865	862	870	860	872	875	871	873	878	881	873	878	872	...	860·0	9
10	873	864	862	866	870	867	871	870	877	867	880	871	876	872	...	860·1	10
11	865	852	860	860	870	854	862	862	874	860	875	866	870	864	...	855·4	11
Noon	860	839	854	851	865	839	852	854	864	875	865	857	860	854	...	847·9	Noon
13	852	820	850	843	857	830	850	849	860	871	851	850	850	850	...	839·7	13h
14	849	820	842	838	853	833	848	847	854	867	846	849	849	850	...	835·4	14
15	845	832	835	841	856	840	846	843	852	863	847	851	850	857	...	835·0	15
16	849	838	836	845	861	843	850	848	851	862	850	856	854	861	...	838·4	16
17	852	842	843	852	870	849	855	852	859	865	857	862	859	863	...	844·5	17
18	855	849	850	855	877	856	860	861	863	868	861	863	862	865	...	850·1	18
19	855	852	852	860	882	861	861	862	865	867	862	864	863	865	...	852·1	19
20	855	855	853	860	883	865	864	863	866	867	864	865	864	866	...	852·9	20
21	858	860	855	870	878	869	867	868	870	868	867	866	865	867	...	855·4	21
22	858	862	869	871	875	868	868	868	870	869	868	869	868	868	...	856·8	22
23	857	864	866	871	874	868	869	867	870	869	869	869	869	869	...	857·1	23

TABLE VI.—RESULTS of METEOROLOGICAL OBSERVATIONS made at the AEROLOGICAL STATION Vacoas (424·5 metres above mean sea-level) during the MONTH of SEPTEMBER 1926.

Month and Day 1926	Observations at 10 a.m.								Temperature of the Air.			Amount of Cloud (Scale 0—10)	Amount of Rain measured at 10 a.m.	Duration of Bright Sunshine	Percentage of Possible Sunshine.
	Atmospheric Pressure.	Temperature of the Air.	Excess of Air Temperature over Evaporation	Temperature of the Dew Point.	Relative Humidity (Sat: 100)	Tension of Aqueous Vapour.	Wind. Direction in degrees.	Wind. Velocity.	Highest.	Lowest.	Range				
	mbs.	C	C	C	%	mbs.		m.p.s.	C	C	C		m.m.	hrs.	
1	969·7	19·9	2·8	14·8	73	16·7	349	0·6	21·6	15·3	6·3	5·3	0·0	2·3	20
2	969·2	20·3	3·1	14·8	71	16·7	11	0·9	21·9	16·1	5·8	5·0	0·0	8·5	73
3	970·9	19·9	2·4	15·6	76	17·6	303	1·4	22·7	16·0	6·7	4·0	0·0	10·7	91
4	971·4	19·7	2·7	14·8	74	16·7	315	4·4	21·5	15·0	6·5	2·7	0·0	11·0	94
5	971·6	18·2	1·3	15·8	86	17·8	292	3·6	18·9	14·1	4·8	8.5	4·0	6·9	59
6	972·4	18·8	1·7	15·7	82	17·7	281	6·2	20·4	15·5	4·9	7·2	1·9	3·1	26
7	972·9	18·9	1·2	16·7	87	18·8	259	4·5	21·5	16.6	4·9	7·4	1·0	3·1	26
8	972·7	20·0	1·9	16·6	81	18·7	259	1·6	20·4	15·3	5·1	5·2	0·0	9·2	78
9	972·6	21·3	3·6	14·9	67	16·8	292	2·7	23·4	15·7	7·7	2·1	0·0	10·6	90
10	973·1	20·3	2·3	16·2	77	18·2	303	6·5	22·0	15·2	6·8	4·1	3·0	10·3	87
11	974·3	21·0	3·5	14·8	68	16·7	303	2·4	22·6	15·8	6·8	4·5	1·9	10·3	87
12	971·3	19·1	1·2	16 9	87	19·0	270	4·5	21·6	15·4	6·2	3·6	2·0	7.6	64
13	969·1	20·7	2·5	16·2	75	18·2	270	5·3	22·9	15·6	7·3	4·1	0·1	6·9	58
14	969·5	20·9	0·8	19·5	91	22·4	247	2·2	21·5	16·3	5·2	7·6	1·4	2·1	18
15	969·7	20·8	3·1	15·3	71	17·2	259	3·5	21·9	18·1	3·8	8·1	1·2	3·6	30
16	969·0	20·5	2·4	16·2	76	18·2	259	0·7	21·8	16·8	5·0	7·1	0·1	0·6	5
17	968·1	20·7	2·7	15·9	74	17·9	236	0·6	23·1	16·2	6·9	4·3	0·0	6·8	57
18	967·2	21·2	3·2	15·5	70	17·4	146	0·6	22·0	14·1	7·9	4·1	0·0	5·1	42
19	968·9	22·9	3·7	16·4	67	18·5	292	0·6	21·2	15·0	6·2	3·1	0·0	7·3	61
20	968·5	22·9	3·8	16·2	66	18·2	247	0·6	25·0	17·8	7·2	5·3	0·0	8·5	71
21	969·1	22·2	2·4	18·0	77	20·4	90	0·6	23·6	15·2	8·4	1·1	0·0	10·7	89
22	972·2	19·4	3·3	13·4	65	15·2	315	1·0	20·5	15·5	5·0	5·7	0·0	2·5	21
23	974·6	18·9	3·2	13·0	65	14·9	303	5·8	21·6	10·3	11·3	9·1	0·0	5·2	43
24	973·8	18·2	0·9	16·5	90	18·6	259	2·7	22·6	14·3	8 3	8·2	0·0	6·4	53
25	971·0	20·3	3·1	14·8	71	16·7	270	1·1	22·0	15·3	6.7	9·0	0·2	4·9	41
26	970·1	21·9	2·8	16·9	73	19·0	281	0.6	22·7	13·1	9·6	7·2	0·0	5·0	41
27	967·8	21·4	3·5	15·3	68	17·2	270	0·6	24·1	14·6	9·5	8·3	0·2	5·3	43
28	967·7	20·9	2·8	15·9	73	17·9	259	0·9	24·2	10·5	13·7	6·5	0·0	4·5	37
29	967·7	20·2	2·0	16·6	80	18·7	247	1·0	23·3	14·6	8·7	6·4	0·0	1·7	14
30	969·5	19·1	3·3	13·1	68	14·9	270	1·2	25·0	15·8	9·2	3·1	0·0	8·0	66
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean	970·5	20·3	2·5	15·7	7·4	17·7	281·3°	2.0	22·2	15·1	7·0	5·5	Sum 17·0	56·3	52·8
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

EXCESS OF CERTAIN ELEMENTS AT PAMPLEMOUSSES OVER THE CORRESPONDING ELEMENTS AT VACOAS.

Mean of the month at 10 a.m.

Atmospheric Presssure	+42·3 mbs
Temperature of the Air	+ 3·5 C.
Vapour Tension	+ 0·8 mbs
Relative Humidity	−12·0 %
Direction of Wind	6°·3 S
Velocity of Wind	+1·4
Amount of cloud	+0·4

Amount of rain	−10·5 m.m.
Duration of sunshine	+51·2
Mean of highest temperatures	+3·2 C.
Mean of lowest temperatures	+2·5 C.
Absolute highest temperature	+2·9 C.
Absolute lowest temperature	+4·4 C

*South (0); West (8); North (16); East (24).

TABLE VII.—DAILY RESULTS OF METEOROLOGICAL OBSERVATIONS made during the month of SEPTEMBER 1926.

Month and Day 1926.	Atmospheric Pressure		Temperature of the Air. (in degrees Centigrade.)					Excess of Air Temp. over Evaporation Temp.	Temperature of the Dew Point. (Centigrade.)		Degree of Humidity (Saturation=100)		Elastic Force of Vapour	Lowest Temperature on the Grass. (Cent.)	Rainfall.		Amount of Evaporation	Mean Amount of Cloud (Scale 0—10.)
	Mean	Excess above Average	Highest	Lowest.	Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average			Amount recorded by the Beckley Pluviograph.	Duration.		
SEP.	mbs.	mbs.	c	c	c	c	c	c	c	c			mbs.	c	mm.	min.	mm.	
1	1011·3	− 2·8	24·7	17·0	7·7	20·5	+ 0·1	2·8	15·5	+ 0·4	73	0	17·4	13·8	0·0	...	4·4	6·9
2	1010·8	− 3·2	25·0	16·0	9·0	20·8	+ 0·4	2·9	15·7	+ 0·6	73	0	17·7	10·9	0·0	...	5·0	4·5
3	1011·7	− 2·3	25·1	14·7	10·4	20·3	− 0·1	2·5	15·8	+ 0·6	75	+ 2	17·8	10·6	0·0	...	5·0	2·2
4	1012·3	− 1·7	24·3	18·3	6·0	20·8	+ 0·4	3·0	15·5	+ 0·3	72	0	17·4	14·0	0·0	...	5·0	3·0
5	1012·8	− 1·2	22·9	16·4	6·5	19·4	− 1·1	2·2	15·4	+ 0·2	78	+ 6	17·3	13·6	0·0	...	4·6	3·5
6	1013·4	− 0·5	24·1	18·8	5·3	20·9	+ 0·4	2·7	16·1	+ 0·9	74	+ 2	18·1	16·0	0·0	...	3·2	7·2
7	1013·8	− 0·1	24·0	18·9	5·1	21·4	+ 0·9	2·6	16·8	+ 1·6	75	+ 3	18·9	13·2	0·1	5	4·1	7·7
8	1013·6	− 0·3	25·2	18·0	7·2	21·2	+ 0·6	2·3	17·1	+ 1·9	78	+ 6	19·3	13·0	0·7	15	5·7	7·7
9	1013·9	0·0	25·2	17·9	7·3	21·1	+ 0·5	2·5	16·7	+ 1·5	76	+ 4	18·8	13·8	0·3	10	4·5	4·3
10	1014·6	+ 0·8	25·1	17·6	7·5	21·2	+ 0·6	2·6	16·6	+ 1·3	75	+ 3	18·7	15·4	3·1	22	5·1	5·3
11	1015·0	+ 1·2	25·0	17·7	7·3	20·8	+ 0·1	2·8	15·9	+ 0·6	74	+ 2	17·9	15·7	0·6	18	5·6	4·8
12	1012·4	− 1·4	25·0	17·8	7·2	20·7	0·0	2·6	16·1	+ 0·8	75	+ 3	18·1	14·6	0·6	10	4·6	4·1
13	1010·5	− 3·2	25·2	17·5	7·7	21·6	+ 0·9	2·6	17·0	+ 1·7	75	+ 3	19·2	14·7	0·0	...	5·0	6·6
14	1010·6	− 3·1	24·9	20·9	4·0	22·5	+ 1·7	2·0	19·0	+ 3·7	81	+ 9	21·8	19·1	0·0	...	4·8	9·1
15	1010·9	− 2·8	25·0	18·7	6·3	22·1	+ 1·2	2·7	17·4	+ 2·0	75	+ 3	19·7	16·7	0·2	5	4·8	7·0
16	1010·0	− 3·6	25·0	18·7	6·3	21·4	+ 0·5	2·4	17·2	+ 1·8	77	+ 5	19·4	14·8	0·0	...	3·8	7·5
17	1009·3	− 4·3	26·0	16·8	9·2	21·2	+ 0·3	2·4	17·0	+ 1·6	77	+ 5	19·2	13·9	0·0	...	4·6	3·9
18	1009·1	− 4·4	26·8	16·0	10·8	21·3	+ 0·4	2·1	17·6	+ 2·2	79	+ 7	19·9	13·2	0·0	...	3·3	4·7
19	1009·9	− 3·6	26·9	16·2	10·7	21·6	+ 0·6	2·4	17·4	+ 1·9	77	+ 6	19·7	13·1	0·0	...	4·8	2·7
20	1010·0	− 3·5	27·1	18·0	9·1	22·6	+ 1·6	2·3	18·6	+ 3·1	79	+ 8	21·2	14·5	0·0	...	5·0	5·3
21	1010·8	− 2·6	27·9	17·3	10·6	22·2	+ 1·1	2·6	17·6	+ 2·1	75	+ 4	19·9	14·6	0·0	...	5·6	2·5
22	1013·9	+ 0·5	25·0	17·4	7·6	20·9	− 0·2	3·8	14·2	− 1·3	66	− 5	16·1	12·9	0·0	...	5·0	6.9
23	1016·0	+ 2·7	24·2	18·6	5·6	21·1	− 0·1	3·9	14·2	− 1·4	65	− 6	16·1	16·7	0·0	...	4·8	8·7
24	1014·9	+ 1·6	24·9	18·2	6·7	20·8	− 0·4	3·3	15·0	− 0·6	70	− 1	16·9	14·8	0·9	20	5·3	8·3
25	1012·7	− 0·5	25·3	18·3	7·0	21·6	+ 0·4	4·0	14·5	− 1·1	64	− 7	16·4	15·7	0·0	...	5·4	7·9
26	1011·5	− 1·7	25·7	16·4	9·3	21·2	− 0·1	3·2	15·5	− 0·2	70	− 1	17·4	14·4	0·0	...	3·8	6·7
27	1009·7	− 3·4	26·5	18·9	7·6	22·1	+ 0·8	3·9	15·0	− 0·7	64	− 7	16·9	12·3	0·0	...	4·0	7·7
28	1009·2	− 3·9	26·4	16·7	9·7	20·8	− 0·6	3·0	15·5	− 0·2	72	+ 1	17·4	13·5	0·0	..	5·5	4·7
29	1009·3	− 3·7	26·8	16·8	10·0	21·9	+ 0·5	2·7	17·2	+ 1·4	75	+ 4	19·4	14·7	0·0	...	4·6	8·8
30	1010·8	− 2·1	27·3	18·7	8·6	22·6	+ 1·2	2·9	17·6	+ 1·8	73	+ 2	19·9	15·1	0·0	...	5·4	4·9
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean	1011·8	− 1·8	25·4	17·6	7·8	21·3	+ 0·4	2·8	16·4	+ 1·0	73·7	+ 2·0	18·5	14·3	Sum 6·5	Sum 105	4·7	5·8
Aver.	1013·6	...	25·3	17·0	8·3	20·9	...	3·1	15·4	...	71·7	...	17·3	13·7	33·1	867	4·7	5·1
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

GENERAL WEATHER CONDITIONS DURING THE MONTH OF SEPTEMBER 1926.

During the month of September, Pressure was below normal on 25 days and 1.8 mbs below in the mean. Temperature of the air was markedly above normal, being 0.4C above in the mean and above on 22 days.

The most striking features of the month were, however, the very high Dew Point Temperatures and Relative Humidity, with low wind velocities and practical absence of rain.

Dew Point Temperatures were 1.0C above normal, Relative Humidity 2.0% above and wind velocity 0.68 metres per second below.

Rainfall was 80% below normal at the observatory in amount and 88% below in duration.

The percentage variations from the normal for the different districts of the Island were as follows:

Northern Districts	River System 1,	84% below
Eastern Districts	,, ,, 2, 3, 4,	44% ,,
South-Eastern Districts	,, ,, 5 & 6	56% ,,
Western Districts	River System 11	46% below
	,, ,, 12	81% ,,
	,, ,, 13	no return

8th December, 1926

TABLE VII.—DAILY RESULTS of METEOROLOGICAL OBSERVATIONS made during the month of SEPTEMBER 1926.

Month and Day 1926.	Duration of Bright Sunshine.	Percentage of Possible Sunshine.	Wind: Components. North.	Wind: Components. East.	Wind: Resultant. Direction*.	Wind: Resultant. Velocity.	Wind: Observed Velocity. Mean.	Wind: Observed Velocity. Excess above Average.	Temperature of the Soil at a depth of. 10 Feet.	5 Feet.	2 Feet.	12 inches	6 inches	3 inches	Weather
SEPT.	hrs.	%	m.p.s.	m.p.s.	°	m.p.s.	m.p.s	m.p.s	c	c	c	c	c	c	
1	3·4	29	− 1·2	+ 0·9	323	1·5	2·1	− 1·8	25·1	23·9	22·9	22·4	22·4	24·0	b : c : f : c .
2	6·6	56	− 2·1	+ 1·4	326	2·5	2·6	− 1·3	25·1	24·0	22·9	22·5	22·6	24·3	f b .
3	10·9	93	− 1·9	+ 2·6	306	3·2	3·4	− 0·5	25·1	23·9	22·9	22·4	22·4	23·9	f .
4	9·4	80	− 3·6	+ 3·5	316	5·0	5·1	+ 1·2	25·1	24·0	22·9	22·6	22·8	24·4	f .
5	9·5	81	− 2·6	+ 4·6	300	5·3	5·4	+ 1·5	25·1	24·0	23·0	22·7	22·7	24·0	f : cd : f .
6	3·1	26	− 0·5	+ 4·4	277	4·4	4·5	+ 0·7	25·1	24·0	23·0	22·6	22·4	23·7	f : cg .
7	3·1	26	− 0·1	+ 3·3	272	3·3	3·4	− 0·4	25·1	24·0	23·0	22·6	22·4	23·8	f : cg : d : cg .
8	8·9	75	+ 0·1	+ 2·9	268	2·9	3·0	− 0·8	24·9	23·9	23·0	22·7	22·7	24·1	c : f : c .
9	10·6	90	− 1·4	+ 2·5	299	2·8	2·9	− 0·9	25·1	23·9	23·1	23·0	23·1	24·5	f .
10	10·7	91	− 2·2	+ 3·1	305	3·8	3·9	+ 0·1	25·1	23·9	23·1	23·1	23·2	24·6	cgd : f .
11	10·6	91	− 2·0	+ 3·6	299	4·1	4·1	+ 0·3	25·0	24·0	23·2	23·2	23·2	24·1	f . c .
12	7·7	65	− 0·3	+ 3·8	275	3·8	4·0	+ 0·2	24·9	24·0	23·2	23·2	22·8	23·6	f .
13	6·5	55	− 0·6	+ 3·9	279	3·9	4·0	+ 0·2	25·0	23·9	23·2	23·0	22·8	23·8	f : cg : f .
14	3·7	31	+ 0·2	+ 4·2	267	4·2	4·4	+ 0·6	24·9	23·9	23·0	23·2	23·3	24·4	cgq : ogq .
15	5·7	48	+ 0·2	+ 3·7	267	3·7	3·7	− 0·1	24·9	24·0	23·3	23·3	23·4	24·4	cg f : c : f : cf : f .
16	3·5	29	+ 0·3	+ 2·5	263	2·5	2·5	− 1·3	25·0	24·0	23·4	23·3	23·4	24·0	cg : f .
17	8·3	69	+ 0·7	+ 1·9	250	2·0	2·2	− 1·6	24·9	23·9	23·4	23·4	23·4	24·2	f : c : f : b .
18	7·6	63	+ 0·5	− 0·1	169	0·5	1·7	− 2·1	24·9	24·0	23·5	23·4	23·4	24·1	b : f : c : f .
19	10·5	88	− 0·7	+ 1·1	303	1·3	2·1	− 1·7	24·9	24·0	23·6	23·5	23·8	24·7	b : f : c : f : b .
20	7·9	66	+ 0·5	+ 1·7	254	1·7	2·0	− 1·8	24·9	24·1	23·6	24·5	24·2	24·9	f : c : f .
21	10·5	87	− 2·4	− 0·1	2	2·4	3·6	− 0·2	24·9	24·0	23·7	24·2	24·5	25·0	f .
22	4·4	36	− 2·1	+ 1·8	319	2·7	2·9	− 0·9	24·9	24·1	23·8	24·3	24·1	23·9	f : c .
23	7·3	60	− 1·7	+ 3·0	300	3·4	3·5	− 0·3	24·8	24·0	23·9	23·9	23·7	23·6	og : c : f : cg .
24	8·2	68	− 0·8	+ 3·2	284	3·3	3·6	− 0·1	24·9	24·0	23·9	23·7	23·5	23·2	cg : f : cg .
25	6·9	57	− 0·6	+ 2·0	287	2·1	2·4	− 1·3	24·9	24·1	23·8	23·6	23·5	23·5	cg .
26	5·5	45	− 1·1	+ 1·8	301	2·1	2·2	− 1·5	24·8	24·0	23·8	23·6	23·7	23·6	cg : f : cg : f : c .
27	6·0	49	− 0·7	+ 1·2	300	1·4	1·5	− 2·2	24·9	24·1	23·8	23·7	23·9	23·7	cg : f : cg .
28	9·6	79	+ 0·1	+ 2·0	267	2·0	2·2	− 1·5	24·8	24·2	23·9	23·8	23·9	24·0	c : f : c : f : b .
29	3·3	27	+ 0·2	+ 1·9	264	1·9	1·9	− 1·8	24·8	24·1	23·9	23·9	24·0	24·1	og : cg .
30	10·2	84	− 0·1	+ 2·5	272	2·5	2·6	− 1·1	24·8	24·1	23·9	24·0	24·3	24·7	f : cf .
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Mean	7·34	61·4	−0·86	+ 2·49	289·1	2·63	3·11	− 0·68	24·95	24·00	23·42	23·30	23·32	24·10	...
Average	8·08	67·7	−1·04	+ 3·07	288·7	3·25	3·79	...	24·57	23·79	...	...	22·72	22·93	...
Column	19	20	21	22	23	24	25	26	27	28	29	30	31	32	

MEANS AND EXTREMES OF CERTAIN METEOROLOGICAL ELEMENTS DURING THE MONTH OF SEPTEMBER 1926.

Element	Highest			Date	Lowest		Date
Atmospheric Pressure	1017·3mbs	at	8h	on 23rd	1007·5mbs	at 15h & 16h	on 18th & 15h, on 28th
Temperature of the Air	27·9C	at	14·50	on 21st	14·7C	at 6·20h	on 3rd
Daily range of temperature of the Air...	10·8C		...	on 18th	4·0C	...	on 14th
Temperature of the Dew Point	20·2C	at	5h	on 14th	12·1C	at 13h	on 23rd
Daily range of temperature of the Dew Point	4·7C	...	...	on 18th	1·2C	...	on 8th
Relative humidity...	96·3%	at	3h	on 19th	46·0%	at 12h	on 27th
Wind Velocity	9·0 m.p.s.	at	13h	on 4th	0·6 mps	at often	often
Rainfall	3·6mm.	ending	4h	on 11th	..	...	...
Temperature of the soil at 3 ins. ...	27·4C	at	15h	on 21st	21·9C	at 6h	on 3rd
, at 6 ins. ...	25·4C	at	18h	on 21st	21·4C	at 9h	on 3rd
Duration of sunshine...	10·9 hrs.		...	on 3rd	3·1 hrs.	...	on 6th, & 7th
Amount of Evaporation in 24 hours	5·7mm.		...	on 8th	3·2 m.m.	...	on 6th
Vapour Tension	23·4mbs	at	5h	on 14th	14·0 mbs	at 13h	on 23rd
Minimum on Grass	...		...	...	10·6C	...	on 3rd

Number of Days Overcast, 11, Clear 4, of Rain 8, of Lightning 0, of Thunderstorm 0.

Mean Day Temperature of Air, 23·25C. Average, 22·91C. Mean Night Temperature of Air, 19·32C. Average, 18·63C.

*South (0°); West (90); North (180°); East (270°).

TABLE VIII.—ATMOSPHERIC PRESSURE IN MILLIBARS AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(The values are corrected for temperature and for the effect of gravity, but are not reduced to sea level. (The cistern of the barometer is 55·2 metres above mean sea-level.)

SEPTEMBER 1926.

When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.

Hour \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day \ Hour
Midnight	0125	0120	0119	0129	0136	0136	0146	0146	0141	0153	0157	0151	0113	0104	0113	0110	Midnight
1h	0123	0116	0114	0126	0133	0131	0139	0141	0137	0152	0155	0145	0109	0101	0111	0105	1h
2	0119	0112	0110	0123	0130	0128	0134	0133	0135	0151	0150	0139	0106	0097	0109	0102	2
3	0117	0110	0109	0118	0127	0127	0129	0129	0133	0150	0147	0134	0103	0094	0106	0100	3
4	0115	0106	0108	0116	0124	0122	0127	0129	0131	0149	0146	0131	0101	0093	0105	0100	4
5	0116	0104	0110	0117	0122	0123	0128	0128	0131	0148	0148	0130	0104	0096	0107	0101	5
6	0119	0106	0114	0121	0125	0128	0132	0131	0139	0149	0152	0130	0108	0100	0114	0107	6
7	0124	0107	0121	0127	0129	0129	0141	0138	0144	0152	0157	0134	0111	0107	0117	0109	7
8	0125	0113	0127	0132	0136	0137	0144	0144	0148	0154	0160	0136	0114	0114	0119	0114	8
9	0125	0115	0130	0136	0140	0141	0148	0147	0150	0157	0161	0138	0116	0116	0120	0116	9
10	0121	0114	0129	0135	0139	0141	0150	0146	0149	0155	0163	0136	0117	0115	0117	0113	10
11	0116	0110	0124	0133	0134	0139	0144	0144	0142	0151	0158	0128	0110	0112	0116	0109	11
Noon	0108	0102	0116	0124	0127	0134	0139	0136	0137	0143	0150	0119	0103	0104	0110	0101	Noon
13h	0101	0099	0110	0116	0116	0131	0135	0132	0133	0139	0144	0113	0099	0101	0103	0098	13h
14	0096	0094	0103	0109	0113	0127	0132	0127	0128	0135	0139	0109	0092	0100	0099	0090	14
15	0090	0090	0102	0102	0111	0126	0128	0125	0126	0131	0137	0104	0090	0099	0098	0084	15
16	0090	0091	0105	0104	0114	0125	0128	0124	0125	0130	0136	0101	0091	0100	0100	0086	16
17	0095	0097	0107	0110	0117	0128	0127	0126	0129	0130	0138	0104	0099	0100	0101	0087	17
18	0099	0102	0113	0116	0121	0131	0133	0129	0132	0136	0141	0111	0102	0105	0105	0092	18
19	0106	0109	0120	0123	0128	0139	0140	0132	0139	0140	0145	0118	0106	0110	0107	0094	19
20	0115	0118	0126	0130	0131	0141	0144	0140	0147	0143	0151	0121	0108	0112	0111	0099	20
21	0118	0120	0131	0136	0139	0149	0147	0142	0151	0151	0155	0122	0111	0118	0114	0100	21
22	0119	0121	0132	0140	0138	0150	0150	0146	0152	0156	0154	0122	0111	0119	0113	0101	22
23	0120	0122	0131	0137	0138	0149	0148	0144	0152	0158	0151	0121	0109	0117	0111	0100	23

When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.

Hour \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	...	Mean	Day \ Hour
Midnight	0097	0096	0106	0109	0111	0131	0160	0168	0146	0132	0114	0100	0097	0110	...	1012·6	Midnight
1h	0094	0092	0101	0104	0107	0129	0158	0165	0142	0125	0110	0099	0093	0108	...	1012·2	1h
2	0091	0089	0099	0101	0103	0126	0155	0160	0138	0123	0106	0094	0090	0105	...	1011·9	2
3	0091	0084	0097	0100	0100	0123	0150	0155	0133	0120	0100	0092	0086	0103	...	1011·5	3
4	0090	0084	0096	0099	0098	0121	0150	0153	0129	0118	0098	0090	0085	0101	...	1011·4	4
5	0091	0086	0098	0100	0098	0124	0154	0154	0130	0117	0099	0091	0087	0102	...	1011·5	5
6	0098	0090	0100	0103	0100	0128	0161	0155	0133	0119	0100	0096	0089	0105	...	1011·8	6
7	0102	0099	0103	0106	0104	0134	0166	0160	0134	0121	0103	0100	0093	0109	...	1012·3	7
8	0108	0102	0108	0109	0110	0141	0173	0161	0135	0124	0106	0101	0098	0113	...	1012·7	8
9	0107	0101	0112	0112	0112	0149	0172	0167	0136	0125	0104	0102	0100	0116	...	1012·9	9
10	0101	0100	0111	0109	0114	0150	0171	0162	0134	0123	0102	0100	0100	0115	...	1012·8	10
11	0099	0095	0105	0101	0112	0146	0168	0153	0130	0120	0098	0098	0096	0110	...	1012·3	11
Noon	0085	0086	0098	0095	0105	0139	0165	0144	0123	0112	0089	0090	0089	0103	...	1011·6	Noon
13h	0080	0080	0091	0089	0099	0135	0157	0141	0117	0108	0083	0081	0082	0100	...	1011·0	13h
14	0076	0077	0087	0082	0093	0132	0152	0135	0111	0102	0080	0076	0078	0098	...	1010·6	14
15	0078	0075	0081	0081	0089	0129	0148	0132	0104	0100	0079	0075	0077	0097	...	1010·3	15
16	0081	0075	0079	0083	0091	0129	0147	0130	0105	0100	0082	0077	0078	0098	...	1010·3	16
17	0083	0078	0084	0088	0099	0131	0149	0131	0109	0102	0085	0081	0081	0100	...	1010·7	17
18	0086	0084	0092	0094	0110	0138	0154	0136	0115	0108	0090	0086	0090	0108	...	1011·2	18
19	0089	0091	0101	0100	0116	0146	0160	0140	0124	0111	0097	0092	0099	0112	...	1011·8	19
20	0096	0099	0106	0106	0122	0152	0163	0144	0128	0115	0101	0099	0104	0118	...	1012·3	20
21	0100	0104	0110	0111	0130	0158	0169	0150	0131	0119	0102	0100	0111	0120	...	1012·7	21
22	0100	0108	0110	0113	0130	0161	0170	0150	0132	0118	0101	0100	0111	0120	...	1012·8	22
23	0099	0107	0110	0110	0130	0160	0169	0147	0131	0116	0101	0099	0110	0120	...	1012·7	23

TABLE IX.—AMOUNT OF CLOUD at every HOUR of the DAY (0 = CLEAR SKY, 10 = OVERCAST SKY).

Hour. \ Day.	SEPTEMBER 1926.																															Mean.
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	...	
Midnight	0	6	0	0	0	2	6	8	8	5	4	4	2	8	9	4	2	0	0	2	2	1	8	9	9	9	9	8	9	8	...	4·7
1h	0	5	0	0	0	2	5	7	7	7	3	2	3	9	9	6	1	0	0	2	2	1	9	9	9	9	9	8	10	8	...	4·7
2	1	5	0	0	1	3	6	8	5	9	2	1	3	9	9	8	1	0	0	3	2	1	10	9	9	9	9	8	10	7	...	4·9
3	1	5	0	0	2	4	4	7	4	9	1	1	4	9	9	9	2	0	0	4	2	2	10	9	9	9	9	8	10	6	...	5·0
4	3	6	0	1	2	7	6	8	3	9	1	1	6	9	9	9	2	1	0	5	1	3	10	9	9	8	9	5	10	4	...	5·2
5	6	6	1	2	2	9	8	8	4	9	3	2	8	9	9	9	3	1	1	5	1	3	10	10	9	5	8	3	10	5	...	5·6
6	9	8	2	3	2	9	9	8	4	9	5	3	9	9	9	9	8	2	2	5	1	8	9	9	8	2	9	2	9	3	...	6·1
7	9	7	1	2	3	9	9	7	6	9	6	4	9	8	9	9	5	2	2	5	1	7	9	9	8	2	8	3	9	4	...	6·0
8	7	5	3	2	3	9	9	8	3	7	3	5	9	9	7	9	5	4	5	5	2	7	9	9	7	3	5	5	10	5	...	5·9
9	5	5	4	6	5	9	9	8	3	6	3	6	9	9	6	9	5	6	6	5	3	7	9	7	7	4	3	7	9	6	...	6·2
10	6	5	4	8	5	9	10	8	5	5	5	8	9	10	6	10	4	7	7	6	4	9	9	9	6	6	3	7	9	8	...	6·9
11	7	6	4	8	5	9	10	7	5	5	5	8	8	8	8	10	5	9	7	6	4	8	9	8	8	7	3	7	9	5	...	7·0
Noon	8	7	5	9	9	9	9	6	5	4	6	6	7	9	10	9	7	7	6	5	2	9	9	7	9	8	6	6	9	4	...	7·1
13h	9	7	4	8	8	9	9	6	7	5	5	6	9	9	8	9	8	6	7	6	3	8	9	7	9	8	7	6	9	5	...	7·2
14	9	7	5	5	8	9	9	7	7	3	5	7	8	9	7	9	9	6	7	8	5	8	8	7	8	9	7	5	9	5	...	7·2
15	9	7	6	4	5	8	7	8	6	2	8	8	7	9	6	7	9	8	6	9	7	9	8	7	9	9	9	4	9	3	...	7·1
16	9	6	5	4	6	8	7	8	4	2	8	8	7	9	7	7	8	8	4	9	5	9	7	8	8	9	9	3	8	4	...	6·8
17	9	4	3	3	5	9	6	9	3	3	7	7	8	9	7	8	6	9	0	9	4	9	7	8	6	9	9	4	7	4	...	6·4
18	9	3	2	3	4	9	5	9	2	3	4	4	8	9	8	9	2	9	1	10	2	9	6	7	4	9	9	3	9	5	...	5·9
19	10	1	2	2	3	8	7	7	2	2	3	3	7	9	8	8	1	9	1	8	2	9	8	6	5	8	9	2	9	4	...	5·4
20	10	0	1	1	2	6	9	8	1	1	7	2	5	9	8	8	1	9	0	4	1	9	9	9	6	4	9	1	8	3	...	5·0
21	10	0	1	1	1	5	9	9	3	2	8	2	2	10	1	3	0	5	0	2	1	10	9	9	9	2	9	0	7	7	...	4·6
22	9	0	0	0	1	4	9	8	3	6	7	1	4	10	1	2	0	3	1	2	1	9	9	9	9	4	9	3	8	5	...	4·6
23	7	0	0	0	1	5	8	9	4	7	6	1	5	10	2	1	0	1	1	1	1	6	9	9	9	8	8	5	7	3	...	4·5

TABLE X.—DURATION of BRIGHT SUNSHINE at every HOUR of the DAY as recorded by the CAMPBELL-STOKES SUNSHINE RECORDER.

Hour* Ending \ Day.	SEPTEMBER 1926.																															Total.
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	...	
		m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	hrs.
6h																																
7	0	30	35	17	8	0	0	10	10	4	9	20	0	13	0	0	25	35	33	23	30	16	0	28	0	50	34	32	0	25	...	8·1
8	28	58	60	60	60	4	5	45	60	55	53	42	35	47	4	0	50	60	60	60	60	60	20	23	36	60	60	11	4	60	...	20·7
9	60	60	60	60	60	9	1	50	60	60	60	55	2	20	40	0	58	60	60	60	60	57	41	45	43	60	60	55	0	43	...	22·7
10	10	55	60	52	60	3	0	55	55	60	60	47	30	35	60	21	60	30	56	60	60	40	60	46	59	59	50	55	5	60	...	22·7
11	30	55	60	52	60	3	0	50	60	60	60	26	55	20	15	0	60	40	59	60	60	25	56	50	56	54	60	57	0	60	...	21·7
Noon	37	38	60	34	46	40	0	57	60	60	60	58	60	24	0	29	53	15	60	58	60	11	20	30	45	20	58	57	12	60	...	20·4
13h	27	10	60	60	48	30	10	59	57	60	60	60	25	10	4	0	50	25	48	60	60	33	26	50	5	29	33	60	45	56	...	19·3
14	9	0	60	59	56	6	27	52	58	60	60	35	55	5	54	15	30	45	48	56	60	0	13	57	13	0	0	60	35	58	...	18·1
15	2	1	60	60	52	52	45	59	60	60	56	33	35	10	58	25	38	39	60	35	50	4	52	36	50	0	0	58	40	59	...	19·8
16	0	30	60	60	59	0	36	50	60	60	57	37	45	0	59	40	52	54	50	7	35	22	55	60	26	0	3	60	7	56	...	19·0
17	0	50	60	21	51	35	42	45	60	60	56	40	46	38	48	55	0	46	60	0	60	0	58	60	50	0	0	60	50	50	...	20·0
18	0	8	16	27	12	2	17	1	37	40	43	7	1	0	0	28	22	5	38	0	35	0	35	8	28	0	0	23	0	25	...	7·6
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	...	0·0

The total amount of registered sunshine was 200·1 hours and the total possible sunshine 358·0 hours.
* Reckoned from apparent midnight.

TABLE XI.—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(To obtain temperatures on the Absolute Scale add 273)

SEPTEMBER 1926.

Hour. / Day.	1d. Air.	1d. Excess of Air over Evap.	2d. Air.	2d. Excess of Air over Evap.	3d. Air.	3d. Excess of Air over Evap.	4d. Air.	4d. Excess of Air over Evap.	5d. Air.	5d. Excess of Air over Evap.	6d. Air.	6d. Excess of Air over Evap.	7d. Air.	7d. Excess of Air over Evap.	8d. Air.	8d. Excess of Air over Evap.	Day. / Hour.
Midnight	18·0	1·8	18·4	1·2	16·0	0·8	19·9	2·3	19·0	1·8	19·0	2·1	19·9	1·7	18·8	1·2	Midnight
1h	18·0	1·9	19·0	1·4	16·0	0·8	19·6	2·1	18·2	1·2	18·9	1·9	20·0	1·9	18·0	0·6	1
2	18·2	1·7	18·8	1·4	16·0	1·0	19·1	1·9	18·1	1·6	18·9	1·9	20·4	1·7	18·6	1·1	2
3	18·2	1·8	18·6	1·3	16·4	1·4	19·3	2·2	17·8	2·0	19·0	2·0	20·4	2·1	18·8	1·0	3
4	18·0	1·5	18·3	1·2	16·2	1·2	19·3	2·3	17·7	1·9	19·1	1·8	20·7	2·1	18·9	0·9	4
5	17·0	1·0	18·3	1·7	15·1	0·7	18·7	1·9	16·9	1·8	19·4	1·8	21·0	2·4	18·9	0·8	5
6	17·6	0·9	18·5	1·4	14·8	0·5	18·3	1·6	16·8	1·9	19·3	1·4	21·0	2·2	18·2	0·7	6
7	18·3	1·2	19·7	2·2	16·3	0·6	19·5	2·4	17·3	2·4	19·9	1·8	21·1	2·2	19·0	0·8	7
8	20·1	2·3	21·5	2·8	20·0	1·4	22·0	3·6	20·2	3·5	20·5	1·8	22·0	2·9	22·0	2·7	8
9	21·9	3·5	23·2	4·1	22·1	3·1	22·8	3·9	21·1	3·8	22·0	2·8	22·6	3·0	23·5	3·5	9
10	22·0	3·5	23·8	4·3	24·0	4·7	22·9	3·9	21·3	3·7	22·8	3·8	22·3	3·2	24·0	4·2	10
11	23·0	4·2	24·7	5·3	24·7	5·3	23·0	4·0	22·3	4·3	21·7	2·6	22·4	3·4	24·0	4·3	11
Noon	24·0	4·4	24·9	4·9	25·0	5·5	23·5	4·3	20·9	1·9	23·5	4·4	22·2	3·1	24·7	4·7	Noon
13h	24·2	4·2	24·3	5·2	24·3	4·7	23·6	4·5	20·2	1·4	23·4	4·2	22·9	3·2	24·4	4·5	13h
14	24·6	4·5	24·4	5·4	24·4	4·6	23·9	4·6	20·1	1·4	22·9	3·4	23·0	3·4	23·7	3·8	14
15	23·6	4·4	23·9	4·9	23·9	4·4	23·4	4·5	20·7	1·6	23·2	4·2	23·8	2·8	24·6	4·7	15
16	22·8	4·5	23·0	4·5	23·7	4·0	22·7	4·3	20·6	2·1	22·1	3·3	22·6	2·8	24·0	4·0	16
17	22·1	4·1	22·2	4·1	22·8	3·3	21·8	3·9	20·3	2·1	22·0	3·6	22·4	3·6	23·0	3·4	17
18	21·0	3·5	21·1	3·0	21·4	2·5	20·3	2·5	20·0	2·1	21·3	3·3	21·8	3·0	22·0	2·6	18
19	20·1	2·8	20·1	2·4	20·6	2·0	19·6	2·7	19·3	1·7	21·0	2·9	20·9	2·5	20·4	1·6	19
20	20·3	2·7	19·6	2·1	20·1	1·7	19·4	2·7	19·3	1·9	20·9	2·9	20·9	2·5	20·4	1·5	20
21	20·0	2·3	19·0	1·9	20·2	1·9	19·1	2·5	19·0	2·0	20·7	2·8	20·7	2·2	20·0	1·3	21
22	19·7	2·0	18·0	1·4	20·4	2·2	19·6	2·1	18·9	1·9	19·9	2·1	20·0	1·8	19·8	1·2	22
23	19·4	1·7	17·0	1·3	20·1	2·0	19·0	1·8	18·7	1·8	19·7	1·8	19·1	1·2	19·7	1·2	23

Hour. / Day.	9d. Air	9d. Excess of Air over Evap.	10d. Air.	10d. Excess of Air over Evap.	11d. Air.	11d. Excess of Air over Evap.	12d. Air.	12d. Excess of Air over Evap.	13d. Air.	13d. Excess of Air over Evap.	14d. Air.	14d. Excess of Air over Evap.	15d. Air.	15d. Excess of Air over Evap.	16d. Air.	16d. Excess of Air over Evap.	Day / Hour
Midnight	19·6	1·0	17·9	1·3	18·7	1·1	19·5	1·5	19·7	2·3	21·6	1·6	21·7	1·8	19·0	1·3	Midnight
1h	19·0	0·9	18·0	1·0	18·2	1·0	19·3	1·7	18·3	1·3	21·4	1·3	21·3	1·6	19·4	1·0	1h
2	18·7	0·7	19·2	1·1	18·0	0·9	18·7	1·6	18·4	1·3	21·2	0·9	21·0	1·4	19·0	1·0	2
3	18·2	0·6	19·2	1·2	18·6	1·0	18·8	1·3	18·7	1·5	21·1	0·7	20·9	1·3	19·0	0·9	3
4	18·6	0·8	18·4	0·6	18·3	1·1	18·0	1·3	18·2	1·4	21·2	0·7	21·1	1·5	19·8	1·0	4
5	18·4	0·7	18·3	0·7	17·7	0·8	17·8	1·4	17·7	1·3	21·1	0·5	21·0	1·6	19·0	1·0	5
6	18·1	0·7	18·6	1·0	18·2	0·9	17·9	1·3	18·4	1·4	21·0	0·8	21·0	1·4	18·8	0·8	6
7	19·1	1·0	18·9	1·8	18·8	1·1	19·0	2·1	19·8	2·0	21·7	1·0	21·4	1·9	20·0	1·0	7
8	21·3	2·3	21·5	2·5	21·4	2·4	21·0	2·8	22·1	3·2	22·5	1·6	22·3	2·7	21·1	2·0	8
9	23·0	3·3	23·2	3·7	23·2	4·0	22·8	2·8	22·9	3·4	23·7	2·7	24·0	4·0	22·7	2·9	9
10	24·0	4·0	24·0	4·4	23·9	5·4	21·8	2·4	24·0	3·7	23·4	2·3	24·6	5·0	23·2	3·3	10
11	24·8	5·0	23·8	4·5	24·0	5·2	22·7	2·7	24·6	4·6	24·1	3·3	24·0	4·0	24·0	4·4	11
Noon	24·9	5·3	24·9	5·5	24·0	5·5	23·9	5·0	25·0	4·8	24·6	3·8	23·6	3·6	24·6	4·5	Noon
13h	24·2	4·8	24·9	5·2	24·4	5·4	24·0	5·3	24·3	4·3	24·4	3·3	24·0	4·0	23·9	3·6	13
14	25·0	5·2	24·7	5·1	24·1	5·1	23·1	4·6	25·0	4·4	24·0	3·2	24·2	4·6	24·1	4·1	14
15	24·4	4·4	24·5	5·2	23·2	4·2	22·7	4·2	24·1	4·0	23·9	2·9	24·7	4·9	24·5	4·7	15
16	24·0	5·0	23·8	4·6	22·5	3·6	23·0	4·4	23·9	3·8	23·7	3·2	24·0	4·5	23·9	4·3	16
17	23·0	3·7	23·0	3·9	22·0	3·8	22·4	3·6	23·3	3·3	23·4	3·0	23·4	3·7	23·7	3·9	17
18	21·7	2·8	21·7	2·8	21·2	3·3	21·5	3·1	22·3	2·4	22·6	2·4	22·0	2·5	22·8	3·4	18
19	19·9	1·9	20·4	2·0	20·0	2·5	20·0	2·0	22·1	2·2	22·1	2·0	21·0	1·5	22·1	2·6	19
20	19·6	1·7	20·5	2·2	20·3	2·4	19·0	1·7	21·4	1·6	22·1	1·9	21·4	2·6	20·9	1·7	20
21	19·3	1·7	19·9	1·8	20·2	2·2	19·2	1·8	21·4	1·5	22·1	2·0	20·0	1·7	20·2	1·5	21
22	19·4	1·5	19·5	0·7	19·8	1·7	19·9	1·9	20·9	1·1	21·8	1·8	19·6	1·4	19·5	1·4	22
23	19·2	1·4	19·2	0·8	19·5	2·	20·0	2·3	21·5	1·6	21·8	1·7	18·8	1·1	18·9	1·1	23

TABLE XI. (*Contd.*)—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(*To obtain temperatures on the Absolute Scale add 273*)

SEPTEMBER 1926

Hour \ Day	17d. Air.	17d. Excess of Air over Evap.	18d. Air.	18d. Excess of Air over Evap.	19d. Air.	19d. Excess of Air over Evap.	20d. Air.	20d. Excess of Air over Evap.	21d. Air.	21d. Excess of Air over Evap.	22d. Air.	22d. Excess of Air over Evap.	23d. Air.	23d. Excess of Air over Evap.	24d. Air.	24d. Excess of Air over Evap.	Day / Hour
Midnight	18·5	1·1	17·0	1·0	17·9	0·8	19·5	0·7	19·4	0·6	20·0	2·8	20·0	4·0	19·9	3·0	Midnight
1h	18·0	1·0	16·7	0·8	17·6	0·7	19·6	0·7	19·3	0·7	18·8	2·1	19·9	2·4	19·2	2·1	1h
2	18·9	1·0	16·8	1·0	17·1	0·5	19·8	0·8	19·0	0·7	17·9	1·5	19·8	2·7	18·9	2·9	2
3	18·4	0·8	16·7	0·9	16·8	0·3	19·3	0·6	18·2	0·5	17·7	1·7	19·9	2·8	19·8	4·0	3
4	18·0	0·8	16·1	0·3	16·7	0·6	19·0	0·6	17·6	0·5	18·0	2·0	19·1	3·0	18·7	2·7	4
5	18·2	0·7	16·3	0·3	16·3	0·3	18·8	0·6	17·5	0·5	18·0	2·1	19·0	2·8	18·4	3·3	5
6	18·8	0·8	16·2	0·6	16·8	0·6	18·0	0·5	17·4	0·9	17·6	1·5	18·7	1·6	18·5	1·2	6
7	20·0	1·4	19·0	0·5	19·8	0·8	20·0	1·0	20·2	0·7	18·2	1·4	18·9	1·5	19·7	1·5	7
8	22·3	2·3	23·0	2·3	23·1	2·8	22·8	2·4	22·8	1·8	22·0	4·2	21·0	3·1	19·9	2·3	8
9	23·9	4·6	23·7	2·8	24·1	3·7	24·7	3·7	24·3	3·2	23·3	5·3	22·4	4·9	21·6	3·1	9
10	24·0	4·0	24·4	3·4	25·3	4·4	25·3	3·7	26·1	3·8	23·6	5·6	23·3	5·7	21·8	4·1	10
11	25·7	4·7	25·9	4·5	25·7	4·7	26·0	4·4	26·6	4·1	23·7	5·2	23·2	5·7	23·2	5·1	11
Noon	25·8	4·9	24·9	3·7	26·1	4·9	26·8	4·8	26·2	3·6	24·0	5·8	22·8	5·5	23·1	4·5	Noon
13h	25·0	4·3	25·1	4·1	25·7	4·1	26·2	4·3	26·1	4·1	23·9	5·6	23·7	6·0	24·0	5·8	13h
14	25·0	4·6	26·2	4·6	26·5	4·7	26·4	4·4	26·8	4·4	23·7	5·4	23·0	5·4	23·6	5·8	14
15	25·2	4·6	25·8	4·4	26·6	4·9	25·4	3·6	26·7	4·8	22·9	4·8	23·2	5·7	23·0	5·0	15
16	24·9	4·7	25·0	4·1	25·9	5·5	25·1	3·4	25·9	5·2	22·6	4·8	23·1	5·3	23·0	4·5	16
17	23·7	3·6	24·3	3·3	24·8	4·6	24·6	3·3	24·0	4·0	21·9	4·4	22·2	4·5	22·5	4·1	17
18	22·6	2·6	23·5	2·8	23·0	2·8	24·0	2·6	23·0	3·8	21·0	3·8	21·2	4·1	21·3	2·9	18
19	20·0	1·3	22·6	1·7	21·0	1·7	23·4	2·3	21·8	3·0	20·8	3·9	20·3	3·2	20·0	1·8	19
20	18·8	0·8	22·0	1·5	20·4	1·4	23·1	2·0	21·2	2·6	19·9	3·4	20·7	3·4	19·5	1·6	20
21	18·0	1·0	21·6	1·7	19·7	0·9	21·7	1·7	21·4	2·8	20·7	4·6	20·8	3·8	20·2	2·3	21
22	17·8	1·4	19·4	0·9	19·8	1·0	21·9	1·3	20·9	2·7	20·4	4·1	20·8	4·3	20·3	3·2	22
23	17·5	1·5	18·2	0·5	19·8	0.9	20·3	0·7	21·0	3·0	20·1	4·1	20·5	3·6	20·0	3·0	23

Hour \ Day	25d. Air.	25d. Excess of Air over Evap.	26d. Air.	26d. Excess of Air over Evap.	27d. Air.	27d. Excess of Air over Evap.	28d. Air.	28d. Excess of Air over Evap.	29d. Air.	29d. Excess of Air over Evap.	30d. Air.	30d. Excess of Air over Evap.	...	...	Mean Air.	Mean Excess of Air over Evap.	Day / Hour
Midnight	20·4	3·6	20·3	3·7	19·7	1·7	18·9	1·9	17·0	1·1	19·6	1·1	...	...	19·2	1·8	Midnight
1h	20·3	3·3	19·1	2·6	19·9	1·7	18·0	1·3	16·9	0·9	19·4	1·1	...	...	18·8	1·4	1h
2	19·9	2·6	19·1	2·0	20·0	1·9	18·2	2·1	18·8	1·3	19·0	1·0	...	...	18·8	1·4	2
3	19·9	3·3	19·0	2·1	19·8	1·8	17·3	1·3	19·7	0·9	18·8	1·0	...	...	18·8	1·5	3
4	19·4	2·6	18·4	1·8	19·2	1·4	18·0	1·1	19·7	0·8	19·0	0·7	...	...	18·6	1·3	4
5	19·3	2·8	18·7	1·0	19·0	1·3	17·0	0·9	19·8	0·9	19·0	0·9	...	...	18·4	1·3	5
6	10·0	2·2	16·8	1·2	19·0	1·2	16·7	1·0	19·5	1·0	19·4	1·6	...	...	18·3	1·1	6
7	19·7	2·7	19·0	1·8	21·0	3·1	18·5	1·3	20·0	1·0	20·7	0·9	...	...	19·5	1·5	7
8	23·0	5·1	23·2	4·3	23·5	5·5	20·4	1·6	22·0	2·2	23·7	2·7	...	...	21·8	2·8	8
9	23·2	6·2	24·1	5·1	24·3	6·3	23·8	4·9	23·0	3·8	25·0	4·1	...	...	23·2	3·9	9
10	24·3	6·6	24·6	5·2	25·2	7·0	24·0	4·9	23·9	3·6	25·8	5·6	...	...	23·8	4·3	10
11	24·8	6·6	25·0	5·2	25·6	6·9	25·0	5·2	24·0	3·7	26·2	6·2	...	...	24·3	4·7	11
Noon	24·7	5·7	25·2	5·4	26·0	7·4	25·4	5·9	25·0	4·8	26·8	6·3	...	...	24.6	4·8	Noon
13h	24·0	5·3	24·8	5·6	25·0	6·3	25·8	6·7	26·8	5·9	27·0	6·7	...	...	24·5	4·8	13h
14	24·7	5·7	23·9	4·9	24·3	6·2	25·3	6·0	25·7	5·5	26·8	5·8	...	...	24·4	4·7	14
15	24·3	5·9	23·7	4·6	24·4	5·9	25·0	5·8	25·2	5·2	26·3	5·4	...	...	24·2	4·6	15
16	23·3	5·1	23·1	4·3	24·0	5·1	24·4	5·0	25·4	5·4	25·0	4·8	...	...	23·7	4·3	16
17	23·0	5·0	23·0	4·1	23·8	5·0	23·6	4·6	24·7	4·5	24·4	4·1	...	...	23·0	3·8	17
18	21·4	4·1	21·5	3·4	23·0	4.1	22·1	3·7	23·4	3·6	22·9	2·1	...	...	22·0	3·1	18
19	19·9	2·7	20·3	2·6	21·9	3·7	20·0	2·0	22·5	2·5	22·1	1·8	...	...	20·9	2·3	19
20	19·8	2·3	20·0	2·9	21·4	3·1	19·2	1·7	21·4	2·0	21·6	1·6	..	...	20·5	2·1	20
21	19·2	2·2	18·8	2·0	20·6	2·6	18·9	1·9	20·9	1·9	21.7	1·7	...	...	20·2	2·1	21
22	20·0	2·2	18·0	1·5	19·8	2·2	17·6	1·2	20·0	1·2	20·9	1·2	...	...	19·8	1·8	22
23	20·0	2·2	18·9	1·5	19·4	1·9	17·7	1·2	20·1	1·2	20·6	1·1	...	...	19·5	1·7	23

TABLE XII.—NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(The results are increased by 90 in order to obviate the necessity for signs. The unit in the table is 0·1 metre.)

SEPTEMBER 1926.

Day. / Hour.	1d.		2d.		3d.		4d.		5d.		6d.		7d.		8d.		Day. / Hour
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	
Midnight	880	908	892	908	892	908	876	936	864	936	891	943	892	918	893	915	Midnight
1h	883	907	882	912	889	911	873	941	885	923	890	949	897	917	894	915	1h
2	883	907	885	906	893	907	874	926	877	923	892	941	900	922	889	926	2
3	882	908	884	907	882	900	869	931	868	932	892	939	900	925	889	927	3
4	888	905	877	910	881	900	869	931	866	923	891	946	900	923	890	924	4
5	893	901	883	907	882	900	874	917	859	927	892	937	900	929	893	916	5
6	885	903	881	904	878	905	870	920	877	915	883	943	900	931	894	914	6
7	886	914	872	911	884	903	855	930	860	926	886	935	900	926	894	915	7
8	885	910	866	913	875	917	866	934	871	929	888	957	908	941	896	921	8
9	879	909	872	911	874	926	859	941	861	959	900	963	910	950	908	940	9
10	878	905	887	897	882	927	854	946	875	959	912	961	909	946	909	944	10
11	884	907	891	898	884	940	865	935	872	967	900	962	900	950	909	943	11
Noon	896	880	891	913	882	945	874	940	875	960	913	963	900	940	909	946	Noon
13h	918	896	886	914	881	946	836	964	872	968	900	960	900	945	917	941	13h
14	919	896	875	925	882	945	845	955	867	979	900	968	900	963	909	946	14
15	909	909	864	924	878	953	854	946	873	966	900	961	900	959	908	941	15
16	886	922	853	932	875	938	848	952	872	967	891	946	900	924	910	950	16
17	875	925	864	936	868	948	854	946	872	967	900	948	900	960	908	939	17
18	869	921	867	933	880	930	864	924	882	945	893	933	900	933	913	920	18
19	881	919	869	931	880	930	869	921	878	952	892	937	894	927	913	933	19
20	878	922	881	919	887	934	867	922	879	951	893	935	895	926	898	911	20
21	879	921	884	916	883	925	873	918	885	938	896	919	894	915	889	928	21
22	887	913	894	906	877	935	870	920	881	947	896	909	894	915	897	906	22
23	894	906	896	904	873	941	877	934	884	940	892	918	895	912	890	923	23

Day. / Hour.	9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	N.	E.	N.	E.	
Midnight	893	916	896	904	883	917	889	928	896	918	892	937	900	928	896	920	Midnight
1h	893	917	890	910	883	917	887	934	897	917	887	934	900	928	897	915	1h
2	892	918	889	911	886	914	885	923	897	908	886	936	900	921	898	911	2
3	894	915	875	917	882	918	885	924	893	917	883	942	900	923	898	912	3
4	892	919	889	928	883	917	889	917	893	916	890	924	900	931	897	913	4
5	888	919	896	909	885	915	886	922	890	923	889	929	900	922	896	919	5
6	889	917	873	911	886	921	886	921	885	915	890	924	900	923	897	916	6
7	888	918	876	915	887	920	883	925	883	926	900	938	900	935	907	936	7
8	887	932	871	919	881	929	900	944	885	938	911	952	912	957	904	920	8
9	886	935	866	952	877	934	889	952	887	963	912	958	912	957	913	932	9
10	881	946	875	938	868	948	900	956	900	955	918	945	911	954	908	938	10
11	883	941	868	947	879	951	900	965	900	955	922	953	900	962	913	934	11
Noon	884	940	864	954	874	963	900	966	889	953	925	961	911	952	915	938	Noon
13h	882	943	877	956	878	953	900	959	900	964	915	938	900	956	907	933	13h
14	881	947	867	950	970	972	914	968	900	946	913	964	900	953	914	934	14
15	872	941	874	964	869	975	913	962	900	964	900	946	911	953	914	934	15
16	874	939	879	952	877	956	900	951	890	950	900	953	900	944	906	931	16
17	876	936	879	950	867	950	910	949	900	961	900	960	909	946	907	933	17
18	881	928	876	924	878	933	900	935	892	939	900	946	900	933	905	926	18
19	887	913	882	918	886	922	900	920	900	944	907	936	892	918	900	925	19
20	891	909	877	934	881	928	900	923	892	940	900	936	905	923	896	921	20
21	895	905	878	932	886	935	900	926	893	933	900	947	900	927	897	913	21
22	894	906	880	920	889	927	900	926	893	933	900	929	900	921	897	914	22
23	889	911	881	919	884	940	900	928	891	946	900	931	897	916	896	921	23

TABLE XII.—(*Contd.*) NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(*The results are increased by* 90 *in order to obviate the necessity for signs. The unit in the table is* 0·1 *metre.*)

SEPTEMBER 1926.

Day. / Hour.	17d.		18d.		19d.		20d		21d.		22d.		23d.		24d.		Day / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	900	920	887	919	909	891	894	914	900	913	873	911	893	916	881	919	Midnight
1h	900	911	890	914	913	887	894	913	893	917	879	914	892	910	882	927	1h
2	900	915	889	916	907	891	894	913	895	911	876	910	883	917	883	925	2
3	900	919	893	909	910	885	896	910	894	914	877	910	883	917	876	924	3
4	900	911	890	915	882	896	893	915	893	916	881	908	889	911	883	925	4
5	900	910	887	913	884	907	896	910	893	916	887	906	884	916	887	913	5
6	900	919	886	914	890	904	894	914	892	920	894	901	893	916	900	924	6
7	900	911	891	909	889	905	895	912	893	917	894	901	900	911	900	920	7
8	907	917	892	908	889	911	892	919	891	913	858	917	889	928	876	936	8
9	917	926	915	910	894	913	905	925	888	881	872	919	878	952	883	943	9
10	922	932	923	910	890	914	913	932	900	866	878	922	872	941	911	956	10
11	921	932	923	895	900	930	913	933	891	854	881	919	878	953	912	958	11
Noon	925	938	922	886	900	926	915	938	877	845	877	935	879	951	911	956	Noon
13h	931	931	924	885	892	941	913	932	861	842	871	929	879	950	900	949	13h
14	919	929	922	891	866	887	922	932	859	838	857	929	873	941	900	952	14
15	920	920	917	875	876	895	925	925	848	889	875	938	881	946	900	957	15
16	917	917	911	883	907	936	918	918	846	922	881	929	879	950	900	944	16
17	910	915	911	889	895	923	918	918	843	924	878	933	882	943	891	945	17
18	904	910	906	894	894	915	909	909	854	919	870	920	887	934	900	937	18
19	903	907	904	896	892	918	906	906	866	914	888	912	887	920	886	914	19
20	903	914	906	894	894	915	905	905	866	914	887	913	880	920	893	907	20
21	890	923	906	894	892	920	904	904	862	908	875	925	881	928	887	913	21
22	890	915	910	890	889	926	907	907	875	910	883	917	882	918	887	913	22
23	890	915	911	889	892	920	908	908	862	908	885	924	880	930	885	915	23

Day. / Hour	25d.		26d.		27d.		28d		29d.		30d.		...		Mean.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	...	...	N.	E.	
Midnight	878	914	882	918	894	906	893	909	896	910	900	916	...	...	890	917	Midnight
1h	891	909	885	907	894	906	894	906	895	912	894	913	...	...	891	916	1h
2	889	911	887	906	896	904	889	911	893	915	895	911	...	...	890	916	2
3	888	912	887	906	892	908	892	908	896	919	895	912	...	...	889	916	3
4	884	916	890	915	892	908	888	912	896	910	893	917	...	...	888	917	4
5	882	908	901	907	892	908	891	909	896	910	893	915	...	...	889	915	5
6	884	907	893	916	892	908	890	910	897	906	895	911	...	...	889	915	6
7	889	908	892	911	892	908	895	907	896	909	893	916	...	...	889	917	7
8	875	925	885	924	882	918	900	917	900	920	900	931	...	...	888	927	8
9	900	940	887	934	888	919	900	930	900	927	906	927	...	..	891	934	9
10	900	941	894	931	896	921	907	935	910	924	914	935	...	...	897	934	10
11	900	940	893	932	900	923	907	933	906	928	913	933	...	...	897	936	11
Noon	900	942	885	937	908	937	912	931	913	934	918	943	...	...	898	937	Noon
13h	894	928	889	927	900	931	900	940	914	935	891	942	...	..	894	936	13
14	908	941	886	921	892	919	913	933	913	932	907	936	...	...	893	936	13
15	914	935	885	915	885	915	924	936	910	925	900	942	...	...	893	937	14
16	900	928	885	924	891	904	914	935	906	928	900	948	...	...	891	936	15
17	900	927	887	919	887	903	911	926	904	921	900	941	...	...	890	936	16
18	900	915	892	918	893	900	904	919	900	921	900	931	..	...	890	925	17
19	900	909	894	915	891	909	903	915	904	918	900	921	...	...	892	921	18
20	898	909	889	916	894	906	903	915	900	913	900	915	...	...	891	920	19
21	893	909	888	912	892	908	903	914	900	909	896	918	...	...	890	919	20
22	894	908	891	909	892	908	895	911	900	911	894	915	...	...	891	916	21
23	891	907	888	912	895	905	894	915	900	907	893	917	...	...	890	919	22

TABLE XIII.—DIRECTION and VELOCITY of the WIND at every HOUR of the DAY as recorded by the ROBINSON CUP ANEMOMETER, during SEPTEMBER 1926.

The directions are given in points and the values indicate the direction from which the wind blows counting from South (0), West (8), North (16) and East (24).

The Velocities are given in Metres per second, using the factor 2·2.

*(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk *).*

SEPTEMBER 1926.

Hour \ Day	1d. *		2d. *		3d.		4d.		5d.		6d.		7d.		8d.		9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.	
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Midnight	30	2·2	28	1·2	28	1·1	27	4·4	28	5·1	25	4·4	26	2·0	26	1·7	26	1·8	28	0·6	28	2·4	26	3·0	25	1·8	25	3·8	24	2·8	25	2·0
1h	30	1·9	29	2·1	28	1·5	27	4·9	27	2·7	r25	5·0	25	1·7	26	1·6	26	1·9	28	1·4	28	2·4	26	3·6	25	1·7	26	3·6	24	2·8	25	1·5
2	30	1·9	30	1·6	28	1·0	28	3·7	28	3·3	25	4·2	24	2·2	26	2·8	26	2·0	28	1·5	28	2·0	27	2·7	26	0·9	26	3·9	24	2·1	25	1·1
3	30	2·0	30	1·8	32	1·8	28	4·4	28	4·6	25	4·0	24	2·5	26	2·9	26	1·6	29	3·0	28	2·6	27	2·8	26	1·9	26	4·5	24	2·3	25	1·2
4	30	1·3	30	2·5	32	1·9	28	4·4	29	4·1	25	4·7	24	2·3	26	2·6	26	2·1	26	3·0	28	2·4	27	2·0	26	1·8	26	2·6	24	3·1	25	1·3
5	31	0·7	30	1·9	32	1·8	29	3·1	29	4·9	25	3·8	24	2·9	26	1·8	27	2·2	26	1·0	28	2·2	27	2·6	26	2·5	26	3·1	24	2·2	25	1·9
6	31	1·5	31	1·9	31	2·3	29	3·6	29	2·7	26	4·6	24	3·1	26	1·5	27	2·0	30	2·9	27	2·5	27	2·5	28	2·1	21	2·6	24	2·3	25	1·6
7	28	2·0	30	3·0	31	1·6	29	5·4	29	4·8	26	3·8	24	2·6	26	1·6	27	2·1	29	2·8	27	2·4	27	3·0	27	3·1	24	3·8	24	3·5	23	3·7
8	29	1·8	30	3·6	29	3·0	28	4·9	28	4·2	25	5·8	23	4·2	25	2·2	26	3·4	29	3·5	27	3·5	24	4·4	26	4·1	23	5·3	23	5·8	23	2·0
9	30	2·3	30	3·0	28	3·7	28	5·9	27	7·1	24	6·3	23	5·1	23	4·1	26	3·8	27	6·2	27	4·1	25	5·3	25	6·4	23	5·9	23	5·8	22	3·4
10	31	2·3	d 1	1·3	27	3·2	28	6·6	26	6·4	23	6·2	23	4·7	23	4·5	26	5·0	27	4·6	27	5·8	24	5·6	24	5·5	22	4·9	23	5·5	23	3·9
11	30	1·8	1	0·9	26	4·3	28	5·0	26	7·2	24	6·2	24	5·0	23	4·4	26	4·4	27	5·7	26	5·5	24	6·5	24	5·5	22	5·8	24	6·2	22	3·6
Noon	d 7	2·0	d 27	1·6	26	4·9	27	4·8	26	6·5	23	6·4	24	4·0	23	4·7	26	4·3	27	6·5	26	6·8	24	6·6	25	5·4	22	6·6	23	5·3	22	4·1
13h	15	1·8	28	2·0	26	5·0	28	9·0	26	7·4	24	6·0	24	4·5	22	4·4	26	4·7	26	6·1	26	5·8	24	5·9	24	6·4	22	4·1	24	5·6	23	3·4
14	15	1·9	28	3·5	26	4·9	28	7·8	26	8·5	24	6·8	24	6·3	23	4·7	26	5·1	27	6·0	26	7·8	23	6·9	24	4·6	23	6·5	24	5·3	22	3·7
15	20	1·3	29	4·3	26	5·8	28	6·6	26	7·1	24	6·1	24	5·9	23	4·2	27	5·0	26	6·9	26	8·1	23	6·3	24	6·4	24	4·6	23	5·4	22	3·7
16	r27	2·6	29	5·7	27	4·6	28	7·3	26	7·3	25	4·7	24	2·4	23	5·1	27	4·7	26	5·6	26	6·1	24	5·1	25	5·1	24	5·3	24	4·4	23	3·2
17	28	3·6	28	5·2	27	5·8	28	6·5	26	7·2	24	4·8	24	6·0	23	4·0	27	4·4	26	5·4	27	6·0	23	5·0	24	6·1	24	6·0	23	4·7	23	3·4
18	29	3·7	28	4·7	27	3·6	29	4·3	26	4·9	25	3·4	24	3·3	21	2·4	27	3·4	28	3·4	27	4·0	24	3·5	25	4·0	24	4·6	24	3·3	23	2·7
19	28	2·7	28	4·4	27	3·6	29	3·7	26	5·7	25	3·8	25	2·8	22	3·5	28	1·8	28	2·6	27	2·6	24	2·0	24	4·4	23	3·7	26	2·0	24	2·5
20	28	3·1	28	2·7	26	3·6	29	4·0	26	5·5	25	3·6	25	2·7	25	1·1	28	1·3	27	4·1	27	3·4	24	2·3	25	4·1	24	3·6	23	2·4	25	2·2
21	28	3·0	28	2·3	27	3·0	29	3·2	26	4·1	25	1·9	26	1·6	26	3·0	28	0·7	27	3·9	26	3·8	24	2·6	25	3·4	24	4·7	24	2·7	25	1·3
22	28	1·8	28	0·9	27	4·2	29	3·6	26	5·1	26	1·0	26	1·6	26	0·7	28	0·9	28	2·9	26	2·9	24	2·6	25	3·4	24	2·9	24	2·1	25	1·4
23	28	0·9	28	0·6	27	4·9	27	4·1	26	4·3	26	2·0	26	1·3	26	2·5	28	1·5	28	2·7	26	4·3	24	2·8	25	4·7	24	3·1	25	1·6	25	2.2

Hour \ Day	17d.		18d. *		19d. *		20d.		21d. *		22d.		23d.		24d.		25d.		26d.		27d.		28d.		29d.		30d.		...		Mean
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocity
Midnight	24	2·0	27	2·3	12	1·3	26	1·5	24	1·3	30	2·9	26	1·8	28	2·7	29	2·6	28	2·6	28	0·9	27	1·1	26	1·1	24	1·6	...	...	2·2
1h	24	1·1	27	1·7	12	1·9	26	1·4	26	1·9	29	2·5	27	1·3	27	3·2	28	1·3	30	1·7	28	0·9	28	0·9	26	1·3	26	1·4	...	...	2·1
2	24	1·5	27	1·9	11	1·1	26	1·4	26	1·2	30	2·6	28	2·4	27	3·0	28	1·5	30	1·4	28	0·6	28	1·5	26	1·7	26	1·2	...	...	2·0
3	24	1·9	27	1·1	11	1·8	26	1·1	26	1·5	30	2·5	28	2·4	28	3·4	28	1·7	30	1·4	28	1·1	28	1·1	25	1·9	26	1·3	..	...	2·3
4	24	1·1	27	1·8	r 1	1·8	26	1·7	26	1·8	30	2·1	28	1·5	27	3·0	28	2·3	27	1·8	28	1·2	28	1·7	26	1·1	26	1·9		...	2·2
5	24	1·0	28	1·8	r30	1·8	26	1·1	26	1·8	30	1·4	28	2·3	28	1·9	30	2·0	23	0·7	28	1·2	28	1·3	26	1·1	26	1·7	...	...	2·0
6	24	1·9	28	2·0	30	1·1	26	1·5	26	2·2	31	0·6	26	1·8	24	2·4	30	1·8	26	1·8	28	1·1	28	1·4	26	0·7	26	1·2	...	...	2·0
7	24	1·1	28	1·3	30	1·2	26	1·3	26	1·9	31	0·6	24	1·1	24	2·0	29	1·4	27	1·4	28	1·1	27	0·9	26	1·0	26	1·8	...	...	2·2
8	22	1·9	28	1·1	28	1·5	26	2·1	27	1·6	30	4·5	26	3·0	27	4·4	28	3·6	27	2·8	28	2·5	24	1·7	24	2·0	24	3·1	...	...	3·3
9	21	3·1	r19	1·8	26	1·4	23	2·6	d 5	2·2	29	3·4	26	5·7	26	4·6	24	4·0	26	3·6	27	2·2	24	3·0	24	2·7	23	2·8	...	...	4·1
10	21	3·9	18	2·5	27	1·7	22	3·4	8	3·4	28	3·1	27	5·0	23	5·7	24	4·1	25	3·2	25	2·2	23	3·6	22	2·6	22	3·8	...	...	4·1
11	21	3·8	15	2·4	24	3·0	22	3·5	7	4·7	28	2·7	26	5·8	23	5·9	24	4·0	25	3·3	24	2·3	23	3·4	23	2·9	22	3·5	...	...	4·3
Noon	21	4·6	13	2·6	24	2·6	22	4·1	6	6·0	27	4·2	26	5·5	23	5·7	24	4·2	26	4·0	23	3·8	22	3·3	22	3·6	22	4·7	...	...	4·6
13h	20	4·4	13	2·8	25	4·2	22	3·4	5	7·0	28	4·2	26	5·4	24	4·9	25	2·9	26	2·9	24	3·1	24	4·0	22	3·8	25	4·3	...	...	4·6
14	21	3·5	14	2·4	d 2	3·6	21	3·9	5	7·4	29	5·2	27	4·9	24	5·2	23	4·2	27	2·5	26	2·1	22	3·5	22	3·4	23	3·7	...	...	4·9
15	20	2·8	11	3·0	1	2·5	20	3·6	1	5·3	27	4·6	26	5·0	24	5·7	22	3·8	28	2·1	28	2·2	21	4·3	22	2·7	24	4·2	...	...	4·7
16	20	2·4	11	2·0	r23	3·7	20	2·6	r30	5·9	27	3·5	26	5·4	24	4·4	24	2·8	27	2·8	30	1·0	22	3·8	23	2·9	24	4·8	...	...	4·2
17	21	1·8	12	1·5	25	2·4	20	2·5	30	6·2	27	4·0	26	4·7	25	4·6	24	2·7	27	2·3	31	1·3	22	2·8	23	2·1	24	4·1	...	...	4·2
18	22	1·1	12	0·8	26	1·6	20	1·3	30	5·0	29	3·6	26	3·6	24	3·7	24	1·5	26	2·0	32	0·7	23	1·9	24	2·1	24	3·1	...	...	3·0
19	22	0·8	12	0·6	26	2·0	20	0·9	30	3·7	28	1·7	27	2·4	28	2·0	24	0·9	26	1·6	28	1·3	23	1·5	23	1·8	24	2·1	...	...	2·5
20	23	1·4	12	0·8	26	1·6	20	0·7	30	3·7	28	1·9	28	2·9	28	1·0	25	0·9	27	1·9	28	0·9	23	1·5	24	1·3	24	1·5	...	...	2·4
21	26	2·5	12	0·9	26	2·2	20	0·6	31	3·9	28	3·6	27	3·4	28	1·8	27	1·1	28	1·7	28	1·2	23	1·4	24	0·9	25	1·8	...	...	2·4
22	27	1·8	12	1·4	26	2·8	20	1·0	30	2·7	28	2·4	28	2·6	28	1·9	27	1·0	28	1·3	28	1·2	26	1·2	24	1·1	26	1·6	...	...	2·1
23	27	1·8	12	1·6	26	2·2	20	1·2	31	3·9	27	2·8	27	3·6	28	2·1	29	1·1	28	1·7	28	0·7	26	1·6	24	0·7	26	1·9	...	...	2·3

d = direct. r = retrograde.

TABLE XIV.—RAINFALL at every HOUR of the DAY at the ROYAL ALFRED OBSERVATORY MAURITIUS for SEPTEMBER 1926.

Hour Ending \ Day.	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	...	...	...	...	mm.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	mm	mm	...
1h	...	...	...	...	...	...	...	...	0·2	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	0·2	...	...	0·4	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·7	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	0·1	0·1	...	...	...	0·2	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	0·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Noon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13h	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	2·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	0·5	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

TABLE XV.—TOTAL MONTHLY RAINFALL at VARIOUS STATIONS in MAURITIUS, grouped according to the RIVER SYSTEMS as indicated on the CHART for the MONTH of SEPTEMBER 1926.

River System.	Register Number	Station	Approximate Altitude feet.	Total fall in inches.	Total fall in mill.	Normal in mill.	Number of days.
1	2	St. Antoine	50	0·37	9·5	30·2	2
	3	Belmont	50	0·24	6·0	26·4	1
	4	Poudre d'Or	20	0·20	5·0	24·9	1
	5	Mon Loisir (R.)§ ...	300	...	...	...	...
	6	Mon Loisir S. E.§ ...	300	...	...	...	...
	7	Forbach§	300	...	...	...	...
	8	Labourdonnais§ ...	290	...	...	...	...
	9	Beau Séjour	300	0·26	6·6	59·9	3
	10	Mont Piton	360	0·17	4·3	44·7	2
	11	Mon Choix	700	0·25	6.3	50·5	2
	12	Antoinette	640	0·42	10.7	61·7	3
	13	California§	850	...	...	...	...
	14	Nouvelle Découverte ...	1,400	0·75	19·0	69·1	3
	15	Mon Songe	620	0·04	1·0	66·0	1
	16	La Grande Rosalie§ ...	643	...	...	...	...
	17	The Mount§	325	...	...	...	...
	18	Botanic Gardens ..	325	0·25	6·3	46·9	4
	19	The Observatory ...	179	0.27	6.9	38·9	8
	20	Solitude§	175	...	...	...	...
	21	St. André	90	...	...	...	...
	22	Belle Vue Harel§ ...	350	...	...	...	...
	23	Mont Choisy§	10	...	...	...	...
	25	Esperance (Trebuchet)*	165	...	...	...	...
	28	Mon Rocher§	...	...	...	...	...
	45	Roche Bois Station§ ...	44	...	...	...	...
	46	Riche Terre Station§ ...	106	...	...	...	...
	47	Terre Rouge Station§ ...	137	...	...	...	...
	48	Mapou Station*	296	...	...	...	...
	49	Poudre d'Or Station§ ...	772	...	...	...	...
	50	Rivière du Rempart* ...	134	...	...	...	...
2 & 3	1	Union Régnard S.E.§ ...	600	...	...	...	..
	2	Constance d'Arifat L.G.	100	0·22	5·6	38·4	2
	3	St. Julien Church§ ...	1,050	...	...	...	...
	4	Riche Fund	600	1·04	26·4	61·0	9
	5	Constance (Manès)§ ...	..	...	...	...	...
	6	Queen Victoria§ ...	..	...	...	...	...
	7	Belle Mare§	...	...	...	...	...
	8	Bel Etang (Lesur)§ ...	...	...	...	...	...
	9	Belle Vue (Allendy)*	...	0·71	18·0	...	4
	10	St. Julien E(K. Reetoo)§	...	...	...	...	...
4	1	Sans Souci§	900	...	...	...	...
	2	Etoile§	400	...	...	...	...
	3	Beau Champ	20	...	...	...	...
	4	Belle Rive§	400	...	...	...	...
	5	Olivia	400	5	59·7	64·3	6
	6	Deep River§	350	...	...	...	...
	7	Belle Rose Estate§ ...	...	...	...	...	...
	8	Melrose§	...	...	...	...	...
	9	Bonne Veine*	...	1·72	43·7	...	15
5	1	Rose Belle§	850	...	...	...	...
	2	Riche-en-Eau§	460	...	...	...	...
	3	Ferney§	20	...	...	...	...
	4	Beau Vallon§	60	..	...	...	...
	5	Union Vale§	200	..	...	...	...
5 cont.	6	Mon Désert (Carié)* ...	75	...	...	...	...
	7	Cluny§	1,000	...	...	...	...
	8	Union Park§	...	...	...	...	...
	9	Sauveterre Estate* ...	...	...	...	...	...
	10	Bananes Estate§ ...	...	...	...	...	...
6	1	Kanaka	2,000	...	...	...	...
	2	Tivoli§	1,800	...	...	...	...
	3	La Flora*	1,050	2·14	54·4	...	9
	4	Britannia	730	1·74	44·2	100·8	11
	5	Savannah (Mill)§ ...	200	..	...	...	...
	6	St. Aubin§	300	...	...	...	...
	7	Union B.A.St.Félix S.E.§	90	...	...	...	...
	8	Beau Bois§	350	...	...	...	...
	9	St. Avold*	900	...	...	...	...
	10	Terracine§	100	...	...	...	...
	11	St. Félix S.E.§	...	...	...	...	...
	12	Bel Air§	...	...	...	...	...
	13	Chamouny§	...	...	...	...	...
	14	Union S. E.*	...	0·59	15·0	...	4
	15	Fontenelle*	...	1·13	28·7	...	4
	16	Combo§	...	...	...	...	...
	17	St. Felix (Wilson)§ ...	...	...	...	...	...
	18	Choisy Estate§	...	...	..	...	...
7, 8 & 9	1	Bel Ombre	40	0·42	10·7	48·5	3
	3	Beau Champ*	...	0·24	6·1	...	2
	4	Board*	...	0·36	9·1	...	1
	12	Tamarin Station§ ...	155	...	...	...	...
	13	Médine Station§ ..	184	...	...	...	...
	14	Albion Station§ ...	72	...	...	...	...
10		No returns	...	...	...	...	...
11	1	Les Gorges§	...	...	...	...	...
	2	Curepipe Gardens ...	1,840	2·50	63·5	136·1	23
	3	Mare aux Vacoas ...	1,850	4·41	112·0	167·4	16
	4	La Marie Filter Bed ...	1,700	2·02	51·3	113·8	12
	5	Réunion§	1,420	...	...	..	...
12	1	The Manse	850	0·07	0·3	30·9	5
	2	The Bower§	1,080	...	...	...	...
	3	Le Réduit (D. of A.)§...	1,000	...	...	...	...
	4	Alma	1,460	1·12	28·4	120·4	8
	5	Bagatelle§	1,250	...	...	...	...
	6	Highlands*	1,300	...	...	...	...
	7	Trianon	950	0.26	6·6	43·4	3
	8	Salency§	923	...	...	...	...
	9	La Ferme*	350	0·03	0·8	...	1
	10	Bon Air§	1,050	...	...	...	...
	11	Val Ory	1,100	0·38	9·6	45·7	9
	12	Ebène§	...	...	...	...	...
	13	Mon Rêve§	...	...	...	...	...
	14	Bassin§	...	...	...	...	..
	15	Hermitage§	...	...	...	...	...
	16	Côte d'Or	...	0·50	12·7	...	2
	17	Mon Repos§	...	...	...	...	..
13	1	The Albion Dock§ ...	18	...	...	...	...
	2	Institute§	...	...	...	...	...

* Normals not available. §Record not Received.

TABLE XVI.—OBSERVATIONS of the DIRECTION and VELOCITY of CLOUDS made at the AEROLOGICAL STATION VACOAS 424·5 metres above SEA LEVEL during the month of SEPTEMBER 1926.

Day \ Type	Time	Scud		Cumulus Cu. st. &c.		Alto cu: Alto st:		Cirro Cumulu		Cirro Stratus		Cirrus		Time	Scud		Cum: Cu. st. &c.		Alto Cum Alto St:		Cirro Cum		Cirro Stratus		Cirrus	
		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height
	h		°		°		°		°		°			h		°		°		°		°		°		
1	0h	...	...	270	2·4	...	...	...	...	...	...	...	...	14½	240	1·1	...	...	330	0·5	...	...	...	...	...	...
2	9¼	270	1·3	330	0·5	...	...	...	...	...	...	...	...	14¾	300	1·1	330	1·1	...	...	...	...	...	...	...	...
3	9½	315	1·2	330	0·7	...	...	...	...	...	...	...	...	15h	300	1·0	330	0·6	...	...	...	...	...	...	...	...
4	8½	315	2·3	285	1·0	...	...	...	...	...	...	...	...	15¼	315	1·5	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	11¾	270	1·2	...	...	...	...	...	...	...	...	...	...	14h	270	1·2	...	...	...	...	...	...	...	...	...	...
8	10¼	270	1·1	240	1·1	...	...	...	...	...	...	...	...	14½	285	1·0	240	1·5	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	10h	...	...	315	0·5	...	...	...	...	...	...	...	...	16	...	...	330	0·8	...	...	...	...	...	...	...	...
11	10¼	...	...	300	0·4	...	...	...	...	...	...	...	...	14¼	...	...	300	0·5	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	11¾	...	...	360	0·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	12¼	...	...	15	0·6	...	...	...	...	...	...	...	...
17	9½	...	...	15	0·4	...	...	...	...	...	...	...	...	13	...	...	15	1·1	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	10	...	...	215	1·2	...	...	...	...	...	...	...	...	14½	270	1·5	240	0·9	...	...	...	...	...	...	...	...
20	9½	...	...	285	0·7	...	...	...	...	...	...	...	...	15h	...	...	300	0·8	...	...	...	...	...	...	...	...
21	10	...	...	285	1·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	10	...	...	285	0·6	...	...	...	...	...	...	...	...	13¼	...	...	270	1·1	...	...	...	...	...	...	...	...
25	9¾	285	1·2	...	...	...	...	...	...	...	...	...	...	14¼	...	...	270	0·4	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	8	...	...	270	0·7	...	...	...	...	...	...	...	...	15½	...	...	270	0·6	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

The Direction is that from which the Cloud travels, counting South (0°); West (90°); North (180°). The Velocity-Height-Ratio is given in milliradians per sec.

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NEW SERIES (MONTHLY). VOL. XII. PART 10 PRICE R. 0.75

ROYAL ALFRED OBSERVATORY, MAURITIUS.

(LATITUDE 20° 5′ 39″ S.—LONGITUDE 3h 50m 12s·6 E.)

RESULTS

OF

MAGNETICAL AND METEOROLOGICAL OBSERVATIONS

FOR THE MONTH OF

OCTOBER 1926

M. OLIVIER,

OFFICER IN CHARGE.

Published by Authority of His Excellency the Governor

PORT LOUIS
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TABLE I.—RESULTS of MAGNETICAL OBSERVATIONS made during the MONTH of OCTOBER 1926

Month and Day. 1926	Mean Declination (West)	Mean Horizontal Force. (C.G.S. Units.)	Mean Vertical Force. (C.G.S. Units.)	Daily Range of.† Declination.	Horizontal Force (Unit 1 γ)	Vertical Force. (Unit 1 γ)
	° ′					
1	11·23·4	·22843	·29862	6·6	17	34
2	24·0	858	865	5·5	48	26
3	23·7	873	861	7·9	37	30
4	23·3	857	861	9·5	90	21
5	21·4	846	865	9·0	32	28
6	20·9	856	862	12·0	48	46
7	21·1	829	872	8·5	64	29
8	21·8	836	867	7·5	43	33
9	24·2	849	863	10·2	18	41
10	23·3	852	863	10·0	16	32
11	22·3	865	857	12·1	30	36
12	23·5	869	858	9·5	30	38
13	22·4	866	855	13·1	23	49
14	23·1	855	857	10·0	82	30
15	22·0	787	854	10·9	242	32
16	26·3	727	863	10·7	167	40
17	23·4	800	871	5·6	41	20
18	22.4	809	869	8·3	35	40
19	23·2	817	873	7·8	62	20
20	23·2	822	869	10·5	39	34
21	23·9	830	865	8·5	16	42
22	23·5	837	864	8·1	24	40
23	23·4	844	863	10·4	20	38
24	24·2	857	861	8·2	44	38
25	23·0	811	870	11·1	25	35
26	24·3	815	872	8·3	29	23
27	23·5	837	867	6·1	44	18
28	23·1	835	866	8·1	44	25
29	24·4	844	866	6·5	32	18
30	23·6	846	862	9·0	28	21
31	24·3	844	860	6·9	23	28
Mean	11·23·23	·22836	·29864	8·92	48·2	31·8

Description of the Principal Magnetic Disturbances

The following notes give a brief description of the principal magnetic disturbances The movements in Horizontal Force and Vertical force are expressed in G.G.S. units.

The term "wave" indicates a movement in one direction and return; "double wave," a movement in one direction and return with continuation in the opposite direction and return; "fluctuations," a number of movements in both directions.

The extent and direction of the movement are indicated in brackets, + denotes an increase and—denotes a decrease of the Magnetic Element; ± denotes positive and negative movements of approximately equal extent.

$3^d.4^h$—Small fluctuations in H.F.
$4^d.14.30$—Decrease in H.F. (50γ)
$7^d.12^h$.—Decrease in H.F. with partial recovery at $8^d.0^h$.
$11^d.18^h$. to $12^d.2^h$.—Rapid fluctuations in H.F.
$13^d.15.45$—Sharp decrease in Declination 3′
$13^d22.45$—Rapid increase in H.F. culminatiug at $14^d.4^h.15$ (54γ)
$14^d.12$—Small fluctuations in H.F. followed by large tremors and a series of small sharp vibrations. A large negative wave (220γ) occurred at $15^d.23^h$; the disturbance ended by a succession of small vibrations. The recovery did not take place until late on the 17th. In V.F. register not satisfactory.
$15^d.0^h$. to 4^h.—Decrease in Declination 10′
$15^d.14^h$.—Sharp movements in Declination.
$15^d.23^h.50$—Rapid increase in Declination 12′ culminating at $16^d.0^h.50$.
$19^d.18^h$.—Negative wave in H.F. (60γ)
$19_d.19^h$.—Rapid movements in V.F.
$25_d.20^h$.—Decrease in H.F. (110γ). Increase in V.F. (27γ)
29.16^h.—Small sharp vibrations in V.F.

T=0·37594: Mean Dip=θ=52°.35′·78. (X=·22387: Y=−·04150 :Z=·29864).
† The daily range is the difference between the greatest and least hourly values.

TABLE II.—RESULTS of ABSOLUTE DETERMINATIONS of the MAGNETIC ELEMENTS during the MONTH of OCTOBER 1926

Declination (West).		Horizonta Force (C.G.S. Unit)		Dip (South).					
				A. M. Observations.		Resulting Vertical Force. C. G. S. Units.	P. M. Observations.		Resulting Vertical Force C.G.S. Units
Day and Hour.	Observed Value.	Day and Hour.	Observed Value.	Day and Hour.	Observed Value.		Day and Hour.	Observed Value.	
d h m	° ′	d h m		d h m	° ′		d h m	° ′	
Oct. 2. 9.44	11.27·61	Oct. 6·10· 0	·22880	Oct. 2. 9·16	52.33·06	·29863	Oct. 2.13.40	52.33.62	·29866
·13.12	11.24·44	·15·37	·22859	8. 9.46	52.35·00	·29871	8·12.49	52.33·50	.29849
8· 9.59	11.19·94	14· 9·31	·22856	16· 9·27	52·39·50	·29809	16.14·51	52.43·50	·29872
.12·40	11.17·81	·12·20	·22889	25· 9·08	52·34·83	·29856	25·15·29	52·40·28	·29846
16· 9.51	11.31·83	20. 9·17	·22827						
.14.36	11.22·28	·13·27	·22849						
25· 9·11	11·26·68	27· 9·25	·22850						
·15·14	11·14·87	·14·41	·22861						

TABLE III.—MAGNETIC DECLINATION (WEST) at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

OCTOBER 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. \ Hour
	11° +																
Midnight	24·0	24·0	24·0	21·8	20·2	22·0	22·2	24·0	24·0	23·6	23·8	23·8	23·4	23·2	25·8	22·8	Midnight
1h	24·0	23·9	24·0	21·9	20·0	21·8	22·0	24·0	24·0	23·7	23·6	23·7	23·7	22·0	22·3	28·0	1h
2	24·0	23·9	24·0	22·0	20·0	21·6	21·9	23·9	24·2	23·8	22·2	23·8	22·1	21·8	23·9	32·3	2
3	24·0	23·9	24·1	22·2	20·0	20·3	22·0	23·3	24·5	23·9	20·7	24·0	23·1	20·5	23·4	31·7	3
4	24·0	23·9	24·1	22·0	20·0	20·0	22·0	22·9	24·9	23·9	19·9	23·9	22·3	20·3	18·7	26·0	4
5	24·0	24·0	24·4	22·1	20·0	20·0	21·0	22·0	25·5	24·0	19·7	24·0	22·2	21·9	18·2	24·0	5
6	24·0	24·0	24·5	22·0	20·0	20·0	20·0	21·8	26·0	23·8	20·0	24·0	22·4	22·3	17·1	25·1	6
7	24·8	25·0	25·7	23·4	20·8	20·1	22·0	21·7	26·6	24·1	25·2	24·1	23·9	23·5	19·5	28·0	7
8	26·0	26·0	27·0	25·3	22·0	21·5	22·0	21·9	27·9	25·8	26·0	25·2	25·8	25·7	24·3	30·0	8
9	26·2	27·3	27·9	28·0	24·0	23·6	22·0	22·0	28·3	27·5	28·0	26·4	27·3	26·4	24·0	32·5	9
10	26·1	28·0	26·8	29·8	25·7	25·5	22·2	22·0	29·9	28·0	27·8	27·5	27·9	28·0	23·8	32·7	10
11	25·8	28·0	25·5	29·5	26·2	26·0	21·8	21·7	27·2	26·2	26·3	26·7	26·8	28·1	21·9	30·2	11
Noon	25·6	26·2	22·0	26·8	26·0	22·2	20·0	20·0	24·0	23·3	23·5	26·2	23·2	25·7	19·4	28·2	Noon
13h	21·8	23·5	21·3	24·9	22·2	17·7	17·3	17·7	22·0	20·1	19·4	22·1	17·9	22·0	17·9	26·4	13h
14	20·0	21·8	20·0	24·0	18·7	14·5	15·5	16·6	20·1	18·0	16·0	19·9	14·8	19·3	20·0	24·3	14
15	19·6	20·0	20·3	23·6	17·2	14·0	15·9	17·8	19·7	18·0	15·9	18·0	15·8	18·0	19·3	22·1	15
16	20·0	20·3	21·8	23·0	17·8	16·0	17·8	18·3	20·2	19·6	18·0	18·8	15·6	18·8	18·2	22·0	16
17	20·9	21·9	23·0	22·0	19·5	19·7	20·0	21·1	22·1	21·0	20·8	21·7	19·7	21·5	21·1	22·3	17
18	21·9	22·2	23·9	21·7	21·2	22·1	21·7	22·1	22·9	22·7	22·2	22·3	22·1	22·2	21·7	23·4	18
19	22·3	23·0	24·0	21·4	21·9	24·0	22·0	23·3	23·3	23·3	22·9	22·9	23·2	23·3	23·6	23·6	19
20	22·6	23·0	23·7	21·2	21·9	22·8	22·9	23·7	23·4	23·5	22·4	23·4	23·3	23·9	27·2	23·7	20
21	23·5	23·4	23·2	21·0	22·0	22·2	23·1	24·0	23·5	23·7	23·5	23·6	23·5	24·0	24·4	23·9	21
22	23·7	23·7	22·8	20·8	22·4	22·1	24·0	24·0	23·7	23·9	23·4	23·7	22·8	26·9	28·0	23·8	22
23	23·8	23·9	22·0	20·3	22·3	22·2	24·0	24·1	23·8	24·1	23·7	23·9	23·7	24·5	26·6	23·9	23

Hour. \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Day. \ Hour
	11° +																
Midnight	23·8	24·0	24·0	24·4	23·8	23·8	23·8	24·0	24·0	25·2	24·0	24·4	24·2	24·2	24·6	23·7	Midnight
1h	23·7	23·9	24·1	24·0	23·7	23·8	23·7	24·0	24·0	24·3	24·1	24·2	24·1	24·2	24·2	23·6	1h
2	23·8	23·8	24·1	23·9	23·6	23·9	23·8	24·0	23·9	24·1	24·0	24·1	24·0	24·1	24·0	23·7	2
3	23·6	23·7	24·1	23·8	23·8	24·0	23·9	24·0	23·9	24·1	24·1	24·1	24·0	24·0	24·0	23·6	3
4	23·9	24·0	24·1	23·9	23·8	24·0	24·0	24·0	24·0	24·2	24·2	24·1	24·0	23·8	24·0	23·2	4
5	23·5	23·8	24·0	23·9	23·8	24·1	24·1	24·1	24·2	24·5	23·7	24·0	24·7	23·6	24·0	23·1	5
6	23·7	23·7	23·9	24·0	23·9	24·0	24·3	24·1	24·2	25·1	23·8	24·0	25·6	24·0	24·1	23·2	6
7	24·1	23·9	24·4	25·9	25·7	25·7	26·0	25·8	24·0	25·9	25·3	24·9	27·0	25·8	26·0	24·5	7
8	24·9	24·3	25·6	26·1	26·6	26·5	27·8	27·2	26·7	26·0	26·1	25·5	28·0	27·6	28·0	25·8	8
9	24·2	24·8	24·9	26·5	28·1	28·0	28·0	28·1	25·8	27·9	25·5	26·1	28·3	27·5	28·2	26·6	9
10	24·8	24·4	23·9	26·1	28·2	27·9	26·5	28·2	25·7	28·1	24·6	25·7	27·5	26·1	28·1	26·7	10
11	25·6	23·9	21·8	24·2	26·1	24·4	24·5	28·0	22·9	27·3	24·1	23·8	25·7	24·0	26·0	25·5	11
Noon	23·7	22·0	18·0	21·3	23·9	21·8	21·8	25·9	21·9	25·5	22·0	21·9	23·6	21·2	24·0	23·2	Noon
13h	21·8	18·0	17·9	18·2	20·4	18·3	18·7	23·4	18·5	23·5	20·3	18·5	21·9	18·7	22·0	20·5	13h
14	20·4	16·5	19·3	16·0	19·7	17·9	17·8	21·2	15·7	20·3	20·1	18·0	21·8	18·6	21·3	19·0	14
15	20·0	17·6	20·7	18·2	19·8	18·4	17·6	20·0	15·6	19·8	20·0	19·0	21·9	19·8	21·5	18·9	15
16	20·1	18·4	22·1	20·3	20·8	20·7	19·3	20·4	17·8	20·1	21·3	19·9	22·0	21·4	22·0	19·8	16
17	22·2	20·9	23·2	23·3	23·5	23·6	22·1	22·1	21·1	21·9	23·7	22·0	23·3	23·2	23·7	21·9	17
18	23·7	22·0	23·7	24·0	24·1	24·0	24·0	23·7	22·0	22·5	23·8	22·0	23·7	24·0	24·0	22·8	18
19	23·8	22·2	25·5	24·0	24·0	24·0	23·9	23·8	23·7	23·9	23·5	22·8	23·8	24·0	24·0	23·4	19
20	23·9	22·2	24·0	24·0	23·9	23·9	23·9	23·8	24·0	24·0	23·6	23·3	23·9	23·9	24·0	23·5	20
21	23·8	22·3	23·5	23·9	23·8	23·8	23·9	23·9	26·0	24·7	23·9	23·7	24·0	23·9	24·0	23·6	21
22	23·9	23·6	25·7	23·8	23·8	23·8	23·9	23·9	26·6	25·2	23·8	23·9	24·0	24·0	23·9	24·0	22
23	24·0	23·9	24·4	23·9	23·9	23·9	23·9	24·0	25·8	25·5	24·1	24·1	25·1	24·1	24·0	23·9	23

TABLE IV.—MAGNETIC HORIZONTAL FORCE at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber).

OCTOBER 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Hour. \ Day.
	·22000 + (C.G.S. UNIT.)																
Midnight	850	846	845	880	840	844	843	819	841	848	850	859	860	873	825	686	Midnight
1h	850	851	849	882	841	851	845	822	847	849	850	860	860	865	851	655	1h
2	854	854	852	890	843	850	848	827	848	850	851	864	866	885	840	620	2
3	853	854	853	891	844	858	851	832	850	851	856	861	864	881	813	660	3
4	842	855	854	892	845	857	851	835	851	850	865	860	859	887	857	672	4
5	841	858	871	889	843	855	855	836	857	852	870	857	857	896	816	700	5
6	840	857	870	885	841	854	856	838	859	855	870	863	860	860	780	704	6
7	840	862	869	890	840	856	857	841	853	852	870	874	860	859	798	727	7
8	840	862	870	891	840	857	852	844	850	856	871	872	868	851	780	710	8
9	840	870	875	880	847	863	841	850	850	857	870	870	870	848	795	728	9
10	839	883	881	872	853	870	840	857	850	859	871	870	875	850	760	741	10
11	837	884	882	864	869	885	843	862	850	862	877	885	880	860	740	739	11
Noon	838	875	882	852	871	886	843	860	849	861	880	890	873	873	805	740	Noon
13h	840	870	882	850	866	879	835	851	850	858	875	888	872	874	782	732	13h
14	849	865	880	830	850	870	820	840	848	850	874	885	869	866	775	727	14
15	852	858	877	802	839	852	807	840	850	850	870	874	859	852	830	736	15
16	849	857	879	819	835	850	800	838	846	848	868	867	857	848	818	740	16
17	843	858	880	830	841	852	803	826	844	846	861	864	862	844	815	748	17
18	841	859	880	832	844	851	801	821	845	847	860	868	860	840	810	756	18
19	840	846	880	831	844	847	810	820	849	845	860	865	864	840	800	769	19
20	839	840	880	830	845	840	808	819	850	846	861	864	866	833	756	772	20
21	839	836	880	833	840	838	800	823	850	849	855	863	870	814	757	774	21
22	837	841	880	834	839	840	793	827	849	849	856	863	869	824	740	776	22
23	844	850	880	837	840	840	810	836	849	850	857	866	870	830	615	787	23

Hour. \ Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31	Mean	Hour \ Day.
	·22000 + (C.G.S. UNIT.)																
Midnight	781	800	816	804	827	829	838	842	852	801	832	829	838	836	841	831·5	Midnight
1h	781	805	813	801	829	830	839	844	850	804	835	826	842	834	841	832·3	1h
2	782	803	814	802	831	831	840	846	857	808	837	827	840	842	841	833·6	2
3	789	804	814	806	830	831	840	850	857	812	836	828	844	837	840	835·2	3
4	790	805	820	805	829	833	840	847	851	809	830	827	847	840	840	836·9	4
5	804	809	819	809	826	834	840	850	849	815	837	829	850	840	840	839·2	5
6	798	810	817	811	824	831	840	846	846	819	838	833	850	840	840	836·5	6
7	807	814	823	827	825	832	838	849	847	818	835	836	852	848	846	840·2	7
8	810	813	822	828	827	833	837	852	850	819	840	838	853	851	847	839·8	8
9	813	818	826	830	825	834	840	857	844	817	844	846	854	856	853	842·3	9
10	817	822	824	834	828	839	849	868	836	815	847	851	851	859	859	844·2	10
11	822	830	830	840	838	845	857	883	838	814	852	854	860	861	855	848·3	11
Noon	814	829	833	838	836	853	856	890	830	810	860	857	861	862	850	850·2	Noon
13h	814	810	836	830	840	852	853	886	810	809	857	851	855	861	857	846·0	13h
14	810	811	819	835	838	849	852	876	780	810	850	844	847	855	853	839·6	14
15	808	817	819	829	836	841	851	867	765	809	843	839	835	850	846	835·6	15
16	803	799	835	824	835	840	850	860	761	810	838	838	829	847	844	833·3	16
17	781	796	840	819	833	839	844	850	769	814	836	827	831	848	843	831·8	17
18	782	795	840	820	830	836	840	848	764	819	831	813	829	844	840	830·5	18
19	786	800	810	823	828	835	840	846	760	818	824	810	834	839	839	829·4	19
20	795	800	780	820	824	835	840	847	732	821	816	828	840	840	837	825·9	20
21	798	800	805	829	824	834	840	850	748	825	817	835	840	840	836	827·2	21
22	796	803	778	828	825	831	841	850	803	827	820	837	830	840	839	827·9	22
23	797	814	784	824	828	836	842	856	799	830	828	831	837	840	840	827·3	23

TABLE V.—MAGNETIC VERTICAL FORCE AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(*The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber*).

OCTOBER 1926.

Hour. / Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day / Hour.
	·29000 + (C.G.S. UNIT).																
Midnight	869	868	869	860	868	865	865	874	871	865	867	864	863	860	863	863	Midnight
1h	869	868	869	860	868	864	864	872	869	865	866	863	863	861	862	864	1h
2	869	867	869	860	867	864	863	870	868	864	864	862	862	861	862	863	2
3	869	868	869	859	867	863	862	870	868	863	864	862	862	860	862	863	3
4	868	869	870	858	867	864	863	870	867	864	864	862	861	869	860	862	4
5	869	869	870	856	868	865	865	870	867	864	863	862	861	858	859	860	5
6	869	869	869	853	869	865	866	870	866	864	862	861	860	857	855	855	6
7	873	870	870	850	871	868	870	871	870	868	866	864	864	857	853	853	7
8	874	872	872	850	877	874	879	876	879	874	870	867	869	856	854	857	8
9	873	877	870	854	878	880	888	881	883	879	862	875	871	874	858	866	9
10	871	875	867	871	875	882	890	880	880	880	857	870	868	864	850	860	10
11	860	870	860	869	869	873	889	869	863	873	850	859	856	850	843	855	11
Noon	850	861	850	862	856	859	877	857	853	860	843	850	843	844	838	849	Noon
13h	841	854	843	854	850	847	865	849	849	851	839	843	830	845	834	842	13h
14	840	851	842	854	850	836	861	848	842	848	835	837	822	849	835	841	14
15	842	852	846	856	853	838	863	850	846	850	834	842	829	852	841	847	15
16	848	854	850	860	858	844	867	855	849	854	844	849	837	854	849	856	16
17	853	859	853	862	861	852	872	859	853	856	853	854	851	854	853	867	17
18	860	862	858	867	864	859	873	865	857	860	859	858	859	855	857	876	18
19	861	863	861	869	865	861	874	867	860	861	859	857	857	856	866	880	19
20	864	865	862	869	865	863	874	870	862	863	859	859	857	857	863	880	20
21	868	870	861	869	867	867	878	873	863	864	861	860	859	860	863	880	21
22	868	869	861	870	868	868	879	873	866	866	862	861	860	861	862	881	22
23	868	868	860	869	867	866	880	872	866	866	864	862	861	863	862	880	23

Hour. / Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d	30d.	31	Mean	Day / Hour
	·29000 + (C.G.S. UNIT).																
Midnight	869	875	875	875	870	869	868	867	866	877	870	870	869	865	865	867·9	Midnight
1h	869	875	875	873	870	868	865	867	866	875	869	870	869	866	863	867·3	1h
2	868	875	874	872	869	867	866	866	865	874	869	869	869	865	863	866·6	2
3	868	876	874	872	869	867	867	865	865	874	869	869	868	866	863	866·5	3
4	868	877	875	873	869	868	866	866	864	873	869	870	867	866	863	866·8	4
5	866	878	875	874	871	869	868	866	866	874	868	870	867	865	864	866·7	5
6	863	879	873	878	873	870	869	867	867	874	868	869	869	868	867	866·6	6
7	860	880	870	880	879	875	874	870	868	875	872	870	871	870	871	868·5	7
8	859	880	866	881	881	880	880	876	879	880	875	871	874	867	874	871·7	8
9	879	870	879	882	881	880	880	878	876	883	875	879	875	862	870	874·8	9
10	880	857	883	875	874	874	867	874	875	882	870	869	870	859	860	871·3	10
11	877	846	877	863	860	860	858	861	872	879	865	860	863	852	854	863·1	11
Noon	870	840	876	851	848	848	852	852	866	872	860	855	860	849	850	854·9	Noon
13	863	838	863	849	840	843	848	843	857	864	857	854	857	850	847	848·7	13h
14	860	842	862	848	839	840	842	840	854	860	859	855	858	852	846	846·7	14
15	862	857	866	852	843	845	843	840	858	860	862	857	860	856	850	850·1	15
16	870	867	870	861	853	854	851	846	862	865	865	861	863	862	856	855·9	16
17	877	873	871	869	862	863	861	852	870	869	868	865	865	865	859	861·4	17
18	879	876	872	871	867	863	864	857	872	870	865	866	864	867	861	864·6	18
19	878	877	874	870	867	864	865	858	876	870	865	867	863	864	860	865·6	19
20	877	876	882	870	868	865	865	860	879	870	865	865	862	863	860	866·4	20
21	876	878	871	871	870	867	867	862	889	870	870	866	861	863	860	867·9	21
22	877	878	879	871	870	868	868	864	887	870	870	867	864	865	861	868·8	22
23	876	876	878	870	870	869	869	865	878	870	870	869	866	865	863	868·6	23

TABLE VI.—RESULTS of METEOROLOGICAL OBSERVATIONS made at the AEROLOGICAL STATION Vacoas (424·5 metres above mean sea-level) during the MONTH of OCTOBER 1926.

Month and Day 1926	Observations at 10 a.m.								Temperature of the Air.						
	Atmospheric Pressure.	Temperature of the Air.	Excess of Air Temperature over Evaporation	Temperature of the Dew Point.	Relative Humidity (Sat: 100)	Tension of Aqueous Vapour.	Wind. Direction in degrees.	Wind. Velocity.	Highest.	Lowest.	Range	Amount of Cloud (Scale 0—10)	Amount of Rain measured at 10 a. m.	Duration of Bright Sunshine	Percentage of Possible Sunshine.
	mbs.	C	C	C	%	mbs.		m.p.s.	C	C	C		m.m.	hrs.	
1	970·3	20·0	1·9	16·6	81	18·7	281	4·5	23·6	17·2	6·4	3·0	4·1	7·9	65
2	970·3	21·1	2·4	16·9	77	19·0	292	4·4	22·4	16·0	6·4	3·7	6·6	8·6	71
3	969·3	20·8	2·9	15·7	73	17·7	292	0·6	23·5	15·3	8·2	0·0	2·6	10·6	86
4	970·5	20·7	2·8	15·7	73	17·7	303	2·7	19·8	15·3	4·5	0·0	4·2	9·7	79
5	971·1	21·3	5·2	12·1	56	14·0	315	1·8	23·1	12·8	10·3	0·0	5·6	8·1	66
6	970·3	18·9	2·1	15·1	79	17·0	303	7·1	20·1	14·2	5·9	1·6	8·7	3·6	29
7	970·6	18·9	1·0	17·1	89	19·3	281	5·8	21·8	14.6	7·2	5·2	9·3	3·7	30
8	968·3	21·0	4·9	12·3	58	14·2	225	0·6	22·4	15·7	6·7	0·0	8·4	3·3	27
9	966·1	20·6	3·5	14·3	67	16·2	112	0·6	19·3	10·7	8·6	18·7	2·6	9·9	80
10	968·9	19·9	2·4	15·6	76	17·6	326	3·1	21·9	16·1	5·8	0·0	4·2	11·3	91
11	972·3	19·1	3·8	12·2	64	14·1	326	0·9	20·5	9·9	10·6	0·0	2·2	11·6	94
12	972·1	21·7	5·1	12·7	57	14·6	337	1·8	22·7	13·2	9·5	0·0	4·5	11·5	93
13	970·5	19·9	3·3	13·9	68	15·7	292	4·0	21·3	15·5	5.8	0·2	5·3	10·4	84
14	970·3	21·4	5·2	12·2	56	14·1	270	2·7	23·4	13·7	9·7	0·0	2·0	11·1	89
15	968·2	22·0	5·2	12·9	56	14·8	247	0·6	25·5	14·0	11·5	0·0	2·4	10·8	86
16	966·5	22·9	4·9	14·3	59	16·2	135	0·6	23·8	13·6	10·2	0·0	3·2	9·3	74
17	965·8	21·1	4·1	13·8	63	15·6	79	0·6	23·1	15·2	7·9	0·5	2·4	11·5	92
18	968·1	21·6	3·5	15·4	68	17·3	292	1·8	24·0	14·0	10·0	0·0	4·3	9·5	76
19	970·1	21·8	3·1	16·3	71	18·4	315	7·6	24·2	15·9	8·3	1·0	7·3	8·9	71
20	970·6	20·0	1·2	17·9	87	20·3	270	8·9	21·6	17·2	4·4	18·8	10·0	1·8	14
21	968·9	22·0	3·5	19·5	85	22·4	259	6·2	23·3	15·0	8·3	0·2	7·1	5·6	44
22	968·5	21·2	2·2	17·3	79	19·6	270	1·3	23·4	16·9	6·5	0·5	7·7	3·3	26
23	967·6	22·8	3·5	16·7	68	18·8	259	0·9	22·5	16·4	6·1	0·0	6·0	5·3	42
24	965·4	23·4	4·5	15·6	62	17·6	270	0·6	24·7	18·1	6·6	0·0	5·1	6·6	52
25	967·1	22·6	3·6	16·3	68	18·4	247	1·8	25·9	15·5	10·4	2·1	4·3	8·7	69
26	967·7	22·9	3·5	16·8	68	18·9	213	1·3	23·8	17·3	6·5	0·0	4·4	9·6	76
27	965·7	23·7	2·8	18·8	74	21·5	112	0·6	24·3	16·3	8·0	0·0	5·6	6·9	54
28	965·7	23·1	4·2	15·8	64	17·8	45	0·7	24·1	17·0	7·1	0·0	4·6	11·3	89
29	966·8	21·6	4·4	13·8	61	15·6	270	0·8	22·3	14·7	7·6	0·8	5·7	7·6	60
30	968·6	21·1	5·1	12·1	56	14·0	303	1·1	22·8	14·7	8·1	0·0	3·5	6·4	50
31	969·5	20·9	3·1	15·4	71	17·3	270	2·2	24·0	15·6	8·4	0·0	3·5	10·4	81
Mean	968·7	21·3	3·5	15·2	68·8	17·2	289·3°	2·1	22·5	15·0	7·7	56·3	Sum 5·0	82·2	65·8
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

EXCESS OF CERTAIN ELEMENTS AT PAMPLEMOUSSES OVER THE CORRESPONDING ELEMENTS AT VACOAS.

Mean of the month at 10 a.m.

Atmospheric Pressure	+42·2
Temperature of the Air	+ 3·6
Vapour Tension	+ 0·2
Relative Humidity	−13·0 %
Direction of Wind	3·9° E
Velocity of Wind	+0·9 m.p.s.
Amount of cloud	−0·1

Amount of rain	−35·7 m.m.
Duration of sunshine	+26·8 hrs.
Mean of highest temperatures	+4·2
Mean of lowest temperatures	+2·4
Absolute highest temperature	+3·4
Absolute lowest temperature	+2·6

*South (0); West (8); North (16); East (24).

TABLE VII.—DAILY RESULTS OF METEOROLOGICAL OBSERVATIONS made during the month of OCTOBER 1926.

Month and Day 1926.	Atmospheric Pressure		Temperature of the Air. (in degrees Centigrade.)					Excess of Air Temp. over Evaporation Temp.	Temperature of the Dew Point. (Centigrade.)		Degree of Humidity (Saturation=100)		Elastic Force of Vapour	Lowest Temperature on the Grass. (Cent.)	Rainfall.		Amount of Evaporation	Mean Amount of Cloud (Scale 0—10.)
	Mean	Excess above Average	Highest	Lowest.	Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average			Amount recorded by the Beckley Pluviograph.	Duration.		
OCT.	mbs.	mbs.	c	c	c	c	c	c	c	c			mbs.	c	mm.	min.	mm.	
1	1011·9	— 1·0	26·5	18·9	7·6	22·1	+ 0·6	2·4	17·9	+ 2·1	77	+ 6	20·3	15·6	1·6	10	5·6	4·0
2	1011·9	— 0·9	25·5	19·6	5·9	22·1	+ 0·6	2·7	17·4	+ 1·5	75	+ 4	19·7	17·5	0·6	10	4·6	6·4
3	1011·2	— 1·6	26·1	17·0	9·1	21·3	— 0·2	3·4	15·3	— 0·6	69	— 2	17·2	14·3	0·0	...	4·6	3·5
4	1012·0	— 0·7	26·2	16·1	10·1	20·8	— 0·8	3·5	14·6	— 1·3	68	— 2	16·5	11·5	0·0	...	5·4	4·0
5	1012·6	0·0	25·9	17·8	8·1	21·4	— 0·2	4·2	14·0	— 1·9	63	— 7	15·8	14·5	0·0	...	5·8	6·5
6	1012·2	— 0·3	24·3	17·4	6·9	20·6	— 1·1	3·4	14·6	— 1·4	69	— 1	16·5	12·8	0·0	...	6·0	7·8
7	1011·5	— 0·9	24·7	17·7	7·0	20·9	— 0·8	3·2	14·2	— 1·8	66	— 4	16·1	16·7	1·6	32	5·6	8·1
8	1009·4	— 2·9	26·5	16·4	10·1	21·5	— 0·3	4·0	14·4	— 1·7	64	— 6	16·3	12·7	0·0	...	5·3	6·6
9	1007·4	— 4·8	26·7	14·9	11·8	21·3	— 0·5	3·0	16·0	— 0·1	72	+ 2	18·0	12·5	0·0	...	6·0	3·3
10	1010·5	— 1·6	25·6	14·0	11·6	20·7	— 1·2	3·4	14·7	— 1·4	69	— 1	16·6	9·1	9·0	92	6·0	4·6
11	1014·2	+ 2·2	25·7	12·5	13·2	19·3	— 2·6	3·8	12·4	— 3·8	65	— 5	14·3	9·3	0·0	...	6·6	2·8
12	1013·7	+ 1·7	26·5	14·1	12·4	20·7	— 1·2	4·0	13·6	— 2·6	64	— 6	15·4	13·6	0·2	4	6·2	4·6
13	1011·9	0·0	25·3	17·5	7·8	21·1	— 0·9	3·7	14·6	— 1·6	67	— 3	16·5	17·0	0·8	11	7·8	3·7
14	1011·6	— 0·2	26·0	16·0	10·0	20·9	— 1·1	4·0	13·8	— 2·5	64	— 6	15·6	14·1	0·0	...	6·4	2·1
15	1009·6	— 2·2	27·7	15·4	12·3	21·3	— 0·8	4·3	13·7	— 2·6	62	— 8	15·5	13·6	0·0	...	7·0	1·0
16	1007·8	— 3·9	28·0	15·4	12·6	21·8	— 0·3	3·2	16·2	— 0·1	70	0	18·2	13·1	0·0	...	6·0	4·7
17	1007·2	— 4·4	27·5	16·9	10·6	22·0	— 0·2	3·9	15·2	— 1·2	65	— 5	17·1	13·6	0·3	2	8·1	3·8
18	1009·7	— 1·8	26·9	16·7	10·2	21·8	— 0·4	3·9	15·0	— 1·4	65	— 5	16·9	12·5	0·0	...	8·0	4·6
19	1011·8	+ 0·3	26·9	19·6	7·3	22·2	— 0·1	2·9	17·1	+ 0·6	73	+ 4	19·3	17·7	3·0	70	9·8	6·1
20	1011·3	— 0·1	25·6	20·9	4·7	22·6	+ 0·2	2·4	18·4	+ 1·9	77	+ 8	21·0	19·6	2·4	50	2·4	9·4
21	1009·9	— 1·4	27·1	20·8	6·3	23·3	+ 0·9	3·2	17·7	+ 1·2	71	+ 2	20·1	19·0	0·3	6	7·3	6·5
22	1009·6	— 1·6	26·3	20·0	6·3	23·0	+ 0·5	2·7	18·3	+ 1·7	75	+ 6	20·8	16·4	0·7	25	5·3	9·3
23	1008·8	— 2·4	27·7	18·0	9·7	22·7	+ 0·1	3·1	17·3	+ 0·7	72	+ 3	19·6	15·2	0·0	...	6·6	5·7
24	1007·4	— 3·7	28·2	17·7	10·5	22·8	+ 0·2	3·2	17·2	+ 0·6	71	+ 2	19·4	14·3	0·0	...	5·0	6·0
25	1008·9	— 2·1	28·0	17·8	10·2	22·8	+ 0·1	3·2	17·2	+ 0·5	71	+ 2	19·4	15·6	0·0	...	7·6	2·6
26	1008·7	— 2·3	28·1	18·9	9·2	23·5	+ 0·8	3·3	17·8	+ 1·1	70	+ 1	20·2	18·8	0·0	...	7·7	4·7
27	1006·7	— 4·2	29·0	18·3	10·7	23·8	+ 1·0	2·7	19·2	+ 2·4	75	+ 6	22·0	18·8	0·0	...	6·4	3·8
28	1006·6	— 4·2	29·3	18·8	10·5	23·9	+ 1·0	4·0	17·0	+ 0·2	65	— 4	19·2	17·7	0·0	2	7·0	3·0
29	1008·2	— 2·6	27·1	18·9	8·2	22·6	— 0·3	4·2	15·3	— 1·6	63	— 6	17·2	15·0	0·1	...	7·5	5·5
30	1009·9	— 0·8	27·1	18·5	8·6	22·1	— 0·8	4·6	14·0	— 2·9	60	— 9	15·8	13·7	0·0	...	5·0	3·9
31	1011·7	+ 1·1	26·3	16·9	9·4	21·6	— 1·4	4·3	14·1	— 2·8	62	— 7	15·9	13·5	0·0	...	6·6	4·3
Mean	1010·2	— 1·5	26·7	17·4	9·3	21·9	— 0·3	3·5	15·7	— 0·7	68·4	— 1·3	17·8	14·8	Sum 20·6	Sum 314	6·3	4·9
Aver.	1011·7	...	27·1	18·1	9·0	22·2	...	3·3	16·4	...	69·7	...	18·5	14·9	35·1	848	5·7	5·0
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

GENERAL WEATHER CONDITIONS DURING THE MONTH OF OCTOBER 1926.

Pressure was markedly below normal on all days except the 11th, 12th, 19th and 31st. It was 1.5 mbs below in the mean for the month.

Temperature was variable; a cold period occurred on the 3rd and lasted up to the 19th. It was slightly below normal in the mean.

Relative humidity was 1.3% below normal.

Wind Velocity was practically normal in the mean, high velocities occurring from the 18th to the 21st.

Rain fell on 12 days and was 40%, below normal at the observatory.

The percentage variations from the normal for the different districts of the Island were as follows:—

Northern Districts	River System 1,	53% below
Eastern Districts	" " 2, 3, 4,	11% "
South-Eastern Districts	" " 5 & 6	35% "
Western Districts	River System 11	4% above
	" " 12	15% below
	" " 13	no return

14th January, 1927

TABLE VII.—DAILY RESULTS of METEOROLOGICAL OBSERVATIONS made during the month of OCTOBER 1926.

Month and Day 1926.	Duration of Bright Sunshine.	Percentage of Possible Sunshine.	Wind: Components. North.	Wind: Components. East.	Wind: Resultant. Direction*.	Wind: Resultant. Velocity.	Wind: Observed Velocity. Mean.	Wind: Observed Velocity. Excess above Average.	Temperature of the Soil at a depth of. 10 Feet.	5 Feet.	2 Feet.	12 inches	6 inches	3 inches	Weather
OCT.	hrs.	%	m.p.s.	m.p.s.	°	m.p.s.	m.p.s	m.p.s	c	c	c	c	c	c	
1	8·8	72	− 0·9	+ 3·6	284	3·7	3·7	0·0	24·9	24·2	24·0	24·2	24·5	24·6	f : c : f .
2	8·7	71	− 1·7	+ 3·9	294	4·2	4·3	+ 0·6	24·9	24·2	24·1	24·3	24·2	24·3	f : c : f .
3	7·3	59	− 1·6	+ 2·3	305	2·8	2·8	− 0·9	24·8	24·2	24·2	24·1	24·0	23·8	f : c : f .
4	9·2	75	− 1·6	+ 2·8	300	3·2	3·4	− 0·3	24·9	24·2	24·2	24·0	23·8	23·7	f : c : f .
5	7·9	64	− 1·9	+ 2·9	303	3·4	3·6	0·0	24·8	24·2	24·1	24·0	23·9	23·7	f : c .
6	7·1	58	− 1·1	+ 3·4	288	3·5	3·8	+ 0·2	25·0	24·1	24·1	24·0	23·8	23·6	f c .
7	6·7	54	− 0·5	+ 3·2	279	3·2	3·4	− 0·2	24·9	24·2	24·1	23·9	23·7	23·7	f : c .
8	6·6	54	+ 0·5	+ 1·8	254	1·8	2·0	− 1·6	24·8	24·1	24·1	24·0	24·1	24·1	c : f : b .
9	9·9	80	+ 0·1	− 1·1	95	1·1	2·4	− 1·2	24·8	24·1	24·1	24·0	24·1	24·3	b : f : b .
10	10·2	82	− 3·2	+ 1·6	333	3·6	3·8	+ 0·2	24·9	24·3	24·1	24·3	24·5	24·5	c : f : c : f .
11	11·5	93	− 2·2	+ 1·7	322	2·8	2·8	− 0·8	24·8	24·3	24·2	24·0	23·8	23·6	f : o .
12	10·7	86	− 2·3	+ 1·9	320	3·0	3·1	− 0·5	24·9	24·1	24·2	24·1	24·1	24·2	f : c .
13	11·2	90	− 2·0	+ 3·3	301	3·8	4·0	+ 0·4	24·9	24·3	24·2	24·2	24·6	24·7	f .
14	11·7	94	− 0·5	+ 3·1	279	3·1	3·2	− 0·4	24·8	24·1	24·2	24·2	24·3	24·0	f .
15	11·8	94	+ 0·3	+ 1·9	261	1·9	2·1	− 1·5	24·9	24·3	24·2	24·2	24·2	24·7	f .
16	10·1	81	+ 0·4	− 0·9	114	0·9	2·5	− 1·1	25·1	24·4	24·3	24·5	24·9	24·9	f : or .
17	11·3	90	− 1·2	− 2·1	60	2·4	2·9	− 0·6	24·9	24·5	24·3	24·8	25·4	25·6	c : f .
18	11·2	90	− 2·1	+ 3·1	304	3·7	3·8	+ 0·3	24·8	24·3	24·5	24·7	25·4	25·4	c : f .
19	9·2	73	− 2·3	+ 4·0	300	4·6	4·8	+ 1·3	24·9	24·5	23·6	25·1	25·3	25·2	f : c : ogd .
20	3·4	27	− 0·3	+ 5·9	273	5·9	5·9	+ 2·4	24·8	24·4	23·7	25·0	24·9	24·3	ogqr .
21	9·5	75	+ 0·6	+ 4·3	262	4·3	4·4	+ 0·9	24·9	24·5	23·7	24·7	24·3	24·6	fq : c : f .
22	1·7	13	+ 0·5	+ 2·6	259	2·6	2·7	− 0·8	24·8	24·4	24·7	25·0	25·0	24·9	og : cg .
23	8·3	66	+ 0·5	+ 2·1	257	2·1	2·2	− 1·3	24·8	24·4	24·7	24·9	25·0	25·1	f c .
24	6·4	51	+ 0·6	+ 1·5	248	1·6	1·7	− 1·8	24·8	24·4	24·8	25·0	25·2	25·2	f . cg .
25	11·5	91	− 0·3	+ 1·8	279	1·8	2·3	− 1·2	24·9	24·7	24·9	25·1	25·5	25·8	f .
26	11·4	90	+ 1·4	+ 1·8	232	2·3	2·4	− 1·1	24·8	24·4	24·9	25·4	26·0	26·4	cg : f .
27	10·7	84	− 1·4	− 1·0	144	1·7	2·9	− 0·6	24·8	24·6	25·1	25·7	26·3	26·5	f : c : f .
28	8·8	69	− 2·2	+ 0·7	342	2·3	3·7	+ 0·2	24·9	24·7	25·2	26·0	26·7	27·2	f .
29	10·8	85	− 0·9	+ 3·2	286	3·3	3·5	0·0	24·9	24·7	25·4	26·0	26·3	26·2	f : cq : f .
30	6·4	50	− 1·5	+ 2·3	303	2·7	3·1	− 0·4	24·8	24·5	25·5	25·8	25·7	25·3	f : c : f .
31	11·5	90	− 0·6	+ 3·1	281	3·1	3·2	− 0·3	24·8	24·7	25·4	25·5	25·2	25·0	f : cf : f .
Mean	9·08	72·6	−0·88	+2·19	291·9	2·36	3·24	− 0·32	24·86	24·35	24·51	24·63	24·81	24·81	...
Average	8·21	65·7	−0·60	+·244	283·8	2·51	3·56	...	24·41	24·13	...	...	25·37	25·74	...
Column	19	20	21	22	23	24	25	26	27	28	29	30	31	32	

MEANS AND EXTREMES OF CERTAIN METEOROLOGICAL ELEMENTS DURING THE MONTH OF OCTOBER 1926.

Element	Highest			Date	Lowest		Date
Atmospheric Pressure	1015·9mbs	at	21h	on 11th	1004·9mbs	at 14h	on 28th
Temperature of the Air	29·3C	at	14·15	on 28th	12·5C	at 5·00h	on 11th
Daily range of temperature of the Air...	13·2C		...	on 11th	4·7C	...	on 20th
Temperature of the Dew Point	21·6C	at	21h	on 27th	10·3C	at 13h	on 15th
Daily range of temperature of the Dew Point	7·0C	...	...	on 10th	1·9C	...	on 2nd
Relative humidity...	98·0%	at	6h	on 11th	36·0%	at 13h	on 15th
Wind Velocity	8·8 m.p.s.	at	11h	on 19th	0·6 mps	at often	often
Rainfall	5·4mm.	ending	7h	on the 20th	..	...	...
Temperature of the soil at 3 ins. ...	29·5C	at	15h	on 28th	20·7C	at 6h	on 11th
, at 6 ins. ...	27·7C	at	18	on 28th	22·4C	at 9h	on 11th
Duration of sunshine...	11·8 hrs.		...	on 15th	1·7hrs.	...	on
Amount of Evaporation in 24 hours	9·8mm.		...	on 19th	2·4 m.m.	...	on 20th
Vapour Tension	25·5mbs	at	21h	on 27th	12·4 mbs	at 13h	on 15th
Minimum on Grass	...		...	...	9·1C	...	on 10th

Number of Days Overcast, 4, Clear 5, of Rain 12, of Lightning 0, of Thunderstorm 0.
Mean Day Temperature of Air, 24·36C. Average, 24·60C. Mean Night Temperature of Air, 19·42C. Average, 19·77C.

* South(0°); West (90); North (180°); East (270°).

TABLE VIII.—ATMOSPHERIC PRESSURE IN MILLIBARS AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(The values are corrected for temperature and for the effect of gravity, but are not reduced to sea level. (The cistern of the barometer is 55·2 metres above mean sea-level.)

OCTOBER 1926.

When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.

Hour \ Day	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Hour \ Day
Midnight	0121	0129	0122	0125	0136	0131	0127	0113	0088	0083	0145	0153	0130	0125	0116	0092	Midnight
1h	0118	0127	0116	0119	0132	0128	0121	0109	0083	0082	0141	0150	0127	0121	0111	0090	1h
2	0115	0123	0119	0114	0124	0123	0116	0104	0075	0082	0139	0146	0124	0119	0110	0083	2
3	0109	0118	0104	0111	0123	0119	0113	0099	0070	0077	0138	0144	0120	0117	0107	0081	3
4	0112	0115	0105	0112	0122	0118	0111	0097	0069	0079	0135	0140	0119	0118	0105	0080	4
5	0114	0119	0108	0113	0127	0120	0114	0098	0071	0084	0137	0139	0121	0119	0106	0079	5
6	0117	0125	0111	0117	0128	0123	0116	0101	0075	0090	0141	0146	0124	0122	0107	0083	6
7	0122	0129	0115	0122	0131	0127	0119	0105	0077	0098	0148	0150	0127	0126	0109	0089	7
8	0128	0128	0117	0125	0136	0131	0124	0108	0080	0101	0150	0151	0128	0129	0110	0089	8
9	0129	0127	0118	0126	0138	0131	0131	0109	0081	0104	0150	0149	0129	0129	0109	0089	9
10	0127	0124	0116	0124	0136	0128	0128	0104	0081	0106	0148	0144	0125	0124	0105	0088	10
11	0123	0121	0114	0121	0132	0125	0124	0099	0078	0107	0144	0140	0121	0118	0098	0082	11
Noon	0119	0116	0108	0116	0124	0119	0115	0093	0075	0105	0138	0134	0114	0110	0088	0076	Noon
13h	0113	0112	0099	0111	0119	0113	0110	0082	0069	0099	0134	0126	0104	0103	0080	0068	13h
14	0109	0107	0094	0108	0113	0110	0103	0078	0063	0098	0126	0121	0100	0100	0076	0066	14
15	0107	0106	0092	0107	0111	0108	0100	0072	0060	0097	0123	0118	0099	0099	0075	0062	15
16	0109	0105	0097	0108	0111	0107	0100	0073	0059	0099	0124	0117	0101	0100	0073	0061	16
17	0113	0108	0100	0110	0114	0111	0104	0075	0062	0104	0128	0122	0108	0104	0076	0064	17
18	0118	0113	0106	0118	0120	0118	0112	0080	0066	0112	0139	0127	0112	0111	0082	0068	18
19	0120	0117	0113	0125	0126	0120	0113	0087	0073	0124	0149	0132	0119	0116	0088	0073	19
20	0124	0121	0121	0131	0129	0124	0116	0091	0078	0130	0153	0138	0124	0118	0092	0080	20
21	0129	0128	0127	0136	0132	0129	0118	0095	0084	0137	0159	0139	0127	0121	0096	0082	21
22	0129	0127	0129	0140	0133	0132	0119	0094	0086	0143	0158	0138	0126	0120	0097	0083	22
23	0131	0125	0128	0138	0132	0131	0118	0092	0083	0142	0156	0132	0124	0117	0096	0080	23

When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.

Hour \ Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Day \ Hour
Midnight	0075	0088	0119	0128	0108	0100	0103	0088	0091	0102	0083	0065	0080	0096	0114	1010·9	Midnight
1h	0071	0084	0116	0120	0102	0098	0098	0080	0088	0097	0080	0061	0080	0092	0110	1010·5	1h
2	0067	0082	0111	0112	0099	0095	0092	0073	0083	0089	0075	0055	0076	0087	0104	1010·1	2
3	0064	0080	0108	0109	0099	0090	0090	0067	0080	0085	0070	0056	0077	0086	0101	1009·7	3
4	0063	0081	0109	0108	0099	0091	0090	0067	0077	0084	0068	0059	0077	0086	0104	1009·7	4
5	0066	0084	0112	0109	0099	0093	0090	0066	0079	0085	0069	0063	0078	0090	0109	1009·9	5
6	0069	0090	0117	0115	0100	0098	0092	0070	0081	0094	0071	0069	0083	0094	0115	1010·3	6
7	0073	0098	0119	0121	0103	0101	0094	0072	0090	0097	0072	0078	0088	0102	0119	1010·7	7
8	0076	0101	0126	0123	0108	0107	0096	0074	0094	0100	0072	0080	0091	0109	0120	1011·0	8
9	0077	0103	0125	0124	0111	0108	0096	0074	0094	0100	0071	0077	0093	0111	0121	1011·1	9
10	0076	0104	0123	0121	0105	0104	0095	0073	0093	0098	0073	0074	0090	0109	0121	1010·9	10
11	0074	0102	0119	0119	0103	0096	0093	0072	0091	0094	0069	0067	0088	0102	0118	1010·5	11
Noon	0070	0098	0110	0116	0098	0092	0090	0070	0089	0085	0065	0062	0079	0096	0116	1010·0	Noon
13h	0065	0092	0109	0109	0092	0084	0082	0066	0083	0079	0060	0056	0070	0088	0111	1009·3	13h
14	0059	0086	0108	0107	0087	0082	0077	0062	0078	0071	0056	0049	0067	0086	0107	1008·7	14
15	0058	0084	0107	0102	0081	0080	0074	0061	0076	0070	0054	0050	0066	0082	0105	1008·9	15
16	0060	0087	0105	0103	0082	0083	0075	0064	0080	0069	0053	0050	0065	0083	0103	1008·7	16
17	0062	0093	0113	0104	0087	0087	0075	0066	0083	0072	0056	0054	0070	0087	0109	1009·1	17
18	0069	0099	0118	0106	0093	0093	0081	0071	0088	0075	0061	0065	0077	0098	0119	1009·7	18
19	0077	0108	0124	0109	0098	0099	0082	0075	0094	0084	0065	0071	0086	0107	0127	1010·3	19
20	0084	0111	0130	0111	0103	0105	0089	0082	0099	0088	0071	0076	0091	0111	0133	1010·8	20
21	0090	0118	0130	0113	0104	0110	0090	0088	0105	0091	0072	0078	0097	0120	0138	1011·3	21
22	0090	0119	0131	0117	0105	0110	0091	0092	0106	0091	0073	0082	0100	0119	0141	1011·4	22
23	0089	0119	0130	0112	0104	0107	0091	0091	0105	0089	0070	0081	0099	0118	0140	1011·2	23

TABLE IX.—AMOUNT OF CLOUD at every HOUR of the DAY (0 = CLEAR SKY, 10 = OVERCAST SKY).

Hour. \ Day.	OCTOBER 1926.																															Mean.
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	
Midnight	1	7	0	0	5	5	8	10	0	10	0	2	2	0	0	0	9	6	1	10	9	8	5	4	3	3	2	0	8	0	0	3·8
1h	1	8	0	0	7	5	9	10	0	9	1	1	5	0	0	0	7	7	1	10	8	9	3	2	0	5	4	0	9	0	0	3·9
2	0	8	0	1	7	5	9	10	0	9	2	1	6	0	0	0	8	8	1	10	7	10	2	1	0	5	4	0	9	1	0	4·0
3	0	2	0	1	8	4	3	10	1	9	4	1	5	1	0	0	9	8	1	10	5	10	2	0	0	10	2	0	9	2	1	3·8
4	0	5	0	2	5	5	8	10	0	8	2	1	6	1	0	0	8	8	1	10	7	10	2	1	0	6	5	1	7	2	1	3·9
5	1	6	1	3	6	7	9	10	1	6	2	2	5	1	2	1	6	8	1	10	6	10	2	2	1	7	5	1	5	2	1	4·2
6	2	7	1	4	4	8	9	9	1	4	3	3	8	1	2	2	5	6	2	10	6	10	2	2	1	9	2	1	7	3	2	4·4
7	3	8	2	8	4	8	9	9	1	2	2	2	6	1	2	2	8	4	3	9	8	10	2	2	2	9	2	2	5	6	3	4·6
8	7	5	3	7	4	8	9	9	1	2	1	2	4	1	2	5	7	4	4	9	6	10	2	3	3	6	3	3	5	4	4	4·6
9	9	6	4	4	2	9	9	9	5	4	1	5	2	1	4	8	5	5	7	10	10	10	5	5	4	6	9	4	5	4	5	5·7
10	6	6	8	4	3	9	9	4	7	8	0	6	4	5	5	8	4	5	7	10	8	10	7	7	6	6	9	6	8	7	8	6·5
11	6	8	8	9	4	9	5	6	8	9	1	7	6	5	2	6	3	5	6	9	7	9	6	7	6	7	7	4	10	8	8	6·5
Noon	6	9	9	8	9	8	4	7	6	8	1	7	4	5	1	4	3	4	8	10	9	9	6	8	4	6	4	4	9	7	9	6·3
13h	6	9	8	8	9	7	6	7	6	7	1	7	5	5	1	4	2	4	6	9	9	9	7	10	4	4	5	5	8	8	8	6·3
14	7	9	9	7	9	8	7	6	6	5	1	6	4	4	1	5	1	4	8	9	8	9	8	10	4	3	5	6	7	8	9	6·2
15	6	7	9	6	9	9	9	7	4	6	2	5	3	4	1	6	1	5	9	9	7	9	9	10	3	3	4	8	6	9	9	6·3
16	5	9	8	5	9	9	9	7	4	5	2	5	3	3	1	5	1	5	9	9	7	9	9	10	3	3	3	7	6	8	8	6·0
17	5	9	7	4	8	9	9	8	3	2	2	4	3	3	1	6	1	4	9	10	6	9	9	9	3	2	3	6	5	6	7	5·6
18	4	9	4	3	8	9	9	8	3	1	2	4	3	2	0	5	1	4	8	9	5	9	9	9	4	2	2	4	4	4	8	5·0
19	4	9	2	2	8	9	9	5	3	1	6	6	5	2	0	7	0	3	9	9	3	9	9	9	2	1	2	2	2	2	5	4·7
20	3	7	1	1	9	8	9	2	2	0	9	7	2	2	0	8	0	2	10	9	2	10	9	9	1	1	3	1	1	1	4	4·3
21	2	3	0	1	7	9	9	0	1	0	10	9	0	2	0	10	0	2	10	9	2	9	9	9	0	1	4	0	0	1	2	3·9
22	4	1	0	2	6	8	9	0	4	0	7	9	0	1	0	9	1	1	10	9	4	9	8	9	4	3	2	1	0	0	1	3·9
23	6	0	0	4	6	9	9	0	6	0	4	9	0	0	0	9	3	1	10	9	6	8	6	7	4	4	1	3	0	0	0	4·0

TABLE X.—DURATION OF BRIGHT SUNSHINE at every HOUR of the DAY as recorded by the CAMPBELL-STOKES SUNSHINE RECORDER.

Hour* Ending \ Day.	OCTOBER 1926.																															Total.
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	
		m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	hrs.
6h	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	10	0	15	0	5	0·7
7	15	13	43	3	50	0	10	0	46	33	37	50	28	57	55	37	24	43	58	25	35	4	59	30	60	22	60	59	60	41	60	18·6
8	0	52	60	15	60	20	40	0	60	60	59	60	60	59	60	60	55	30	60	50	32	0	60	60	60	59	60	60	60	32	60	24·4
9	24	55	60	57	60	35	20	14	52	45	60	51	60	60	60	31	60	60	59	14	16	0	60	60	60	57	20	60	60	60	53	24·0
10	38	60	60	60	60	34	30	30	30	58	60	50	60	60	60	30	60	60	52	35	53	0	60	38	60	60	18	54	57	52	60	25·0
11	57	55	38	30	60	55	40	60	32	57	60	55	60	60	60	43	60	60	60	25	60	33	60	60	60	59	48	48	21	45	52	26·2
Noon	60	58	53	42	60	21	53	60	40	11	60	55	60	60	60	60	60	60	60	0	60	17	53	48	60	60	57	60	42	50	55	25·9
13h	60	30	50	53	30	55	56	59	60	46	60	60	60	60	60	60	60	60	60	23	60	43	60	48	60	60	60	60	55	59	60	28·1
14	60	38	54	58	29	52	60	43	60	60	60	57	60	60	60	60	60	60	60	18	54	5	49	3	60	60	60	57	59	23	60	26·0
15	60	50	4	53	18	32	50	50	60	58	60	60	60	58	60	60	60	60	60	5	60	0	35	15	60	60	60	54	57	12	59	24·2
16	60	52	13	60	10	56	21	30	60	60	60	60	60	57	60	60	60	60	20	7	60	0	0	10	38	60	60	13	59	7	58	21·5
17	55	48	2	60	25	58	20	50	60	60	60	60	60	59	60	60	60	60	0	0	55	0	0	9	40	60	60	0	50	0	58	20·8
18	40	15	0	57	11	10	0	0	37	59	55	22	45	52	53	47	59	60	0	0	24	0	0	2	59	60	60	1	47	0	48	15·4
19	0	0	0	5	0	0	0	0	0	4	0	0	0	0	0	0	2	0	0	0	0	0	0	0	1	7	10	0	4	0	4	0·6

The total amount of registered sunshine was 281·4 hours and the total possible sunshine 387·8 hours.

* Reckoned from apparent midnight.

TABLE XI.—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(*To obtain temperatures on the Absolute Scale add* 273)

OCTOBER 1926.

Day. / Hour.	1d. Air.	1d. Excess of Air over Evap.	2d. Air.	2d. Excess of Air over Evap.	3d. Air.	3d. Excess of Air over Evap.	4d. Air.	4d. Excess of Air over Evap.	5d. Air.	5d. Excess of Air over Evap.	6d. Air.	6d. Excess of Air over Evap.	7d. Air.	7d. Excess of Air over Evap.	8d. Air.	8d. Excess of Air over Evap.	Day. / Hour.
Midnight	20·1	1·1	21·1	1·6	20·0	1·9	17·2	1·9	18·5	2·2	20·1	3·9	18·0	1·0	20·1	2·9	Midnight
1h	19·7	1·0	21·0	1·6	19·9	1·9	16·4	1·4	18·0	2·0	20·0	3·7	17·7	1·3	20·3	3·1	1
2	19·7	1·1	21·0	1·5	19·4	1·6	16·2	0·2	18·8	2·0	19·5	3·4	18·1	1·1	20·2	3·3	2
3	19·6	1·2	20·6	1.3	18·8	1·4	16·5	1·0	19·0	2·4	19·3	2·3	17·9	0·9	19·9	2·9	3
4	19·0	0·9	20·1	1.2	18·1	1·1	17·2	1·7	19·0	2·5	18·1	1·7	17·8	0·8	19·5	2·6	4
5	19·0	0·9	20·0	1.2	17·5	1·1	17·8	1·8	19·3	2·6	17·7	1·9	17·9	0·8	18·9	2·2	5
6	19·6	0·9	19·6	1.1	17·5	1·1	18·4	1·5	18·7	2·8	18·3	1·6	18·0	1·2	19·0	2·0	6
7	20·9	1·1	21·0	1.6	19·8	1·8	19·6	1·8	20·0	2·8	18·9	1·8	19·1	1·1	20·1	2·1	7
8	21·0	1·5	22·9	2.9	23·0	3·7	22·6	3·4	23·4	6·4	21·6	2·6	22·0	4·3	21·0	2·7	8
9	22·3	2·4	24·0	4.3	24·1	5·1	24·6	5·2	24·7	7·7	21·0	2·9	19·8	1·3	22·7	3·7	9
10	23·2	2·4	24·7	4.7	24·7	5·2	25·7	6·1	24·9	7·5	23·0	5·1	22·1	3·4	24·8	7·2	10
11	25·6	4·3	24·6	4.6	24·2	4·8	24·1	4·9	24·6	7·1	23·4	5·4	22·7	4·7	25·9	8·6	11
Noon	25·7	4·7	25·0	4.5	25·3	6·1	24·5	5·3	24·8	6·5	23·7	5·8	24·1	6·1	25·2	6·0	Noon
13h	25·9	5·2	24·1	4.1	26·1	6·2	24·7	5·7	24·4	5·9	23·6	6·2	24·4	5·8	24·8	6·3	13h
14	25·4	4·6	24·8	4·8	25·0	5·8	25·2	6·2	24·0	5·0	23·2	5·5	24·2	5·7	25·1	7·0	14
15	25·4	4·7	23·7	3·4	24·9	5·9	24·7	5·8	22·8	4·3	22·3	4·5	23·5	4·8	25·8	7·2	15
16	24·5	4·5	24·0	4·1	24·4	5·4	24·0	5·7	22·5	4·1	22·8	5·6	23·0	5·1	24·0	5·8	16
17	23·8	3·8	23·2	3·5	23·2	5·2	22·9	5·5	22·7	4·7	22·2	5·2	22·2	4·0	23·4	5·2	17
18	22·8	2·8	22·1	2·5	22·0	4·0	21·8	4·3	21·5	3·7	19·8	2·3	21·8	4·0	23·0	5·0	18
19	22·0	2·0	21·4	1·7	19·9	2·7	20·1	2·9	20·6	3·0	19·9	2·5	21·0	3·1	21·5	3·7	19
20	21·7	1·9	21·1	2·0	19·3	2·6	19·6	2·9	20·6	3·3	19·7	2·9	21·4	3·5	19·5	2·5	20
21	21·1	1·4	20·8	1·9	19·2	3·2	19·0	2·7	20·3	3·4	19·8	2·7	21·2	3·3	18·4	2·1	21
22	21·3	1·5	20·1	1·6	18·1	2·5	18·4	2·5	20·4	3·5	18·8	2·3	21·5	4·1	17·3	1·6	22
23	21·0	1·5	20·6	1·8	17·4	2·3	18·5	2·5	20·0	3·5	18·7	1·8	20·6	3·4	16·8	1·4	23

Day. / Hour.	9d. Air	9d. Excess of Air over Evap.	10d. Air.	10d. Excess of Air over Evap.	11d. Air.	11d. Excess of Air over Evap.	12d. Air.	12d. Excess of Air over Evap.	13d. Air.	13d. Excess of Air over Evap.	14d. Air.	14d. Excess of Air over Evap.	15d. Air.	15d. Excess of Air over Evap.	16d. Air.	16d. Excess of Air over Evap.	Day / Hour
Midnight	16·2	0·7	19·7	1·5	14·0	0·8	19·1	3·4	18·3	1·3	17·3	1·6	18·1	1·4	16·5	1·1	Midnight
1h	16·3	1·3	20·3	0·6	13·4	0·5	18·3	1·7	18·9	1·4	17·2	1·7	18·2	1·7	15·9	1·0	1h
2	15·4	0·6	19·6	-0·8	13·3	0·6	16·4	1·4	19·0	1·0	17·5	1·6	18·1	1·3	15·8	1·0	2
3	15·0	0·3	19·8	1·1	13·9	1·3	16·0	1·9	18·7	1·4	17·0	1·8	17·6	1·6	15·7	0·8	3
4	15·1	0·6	20·0	1·7	12·8	0·8	16·0	3·0	18·9	1·6	16·2	1·3	16·3	1·2	15·7	0·7	4
5	15·3	0·9	20·0	2·5	12·5	0·4	14·2	0·3	18·4	0·9	16·1	1·4	15·5	1·1	15·6	0·7	5
6	15·0	0·2	19·8	2·2	13·1	0·2	14·7	0·7	18·5	1·4	16·4	1·0	16·3	1·3	15·6	0·8	6
7	19·5	2·0	20·7	3·0	17·0	2·0	18·5	2·5	20·0	2·3	21·0	4·0	20·5	3·1	18·7	1·4	7
8	22·8	3·0	22·0	4·0	19·9	3·9	22·0	4·6	22·5	4·1	23·0	5·5	23·7	5·7	23·9	4·0	8
9	24·4	4·4	22·8	5·5	21·8	5·0	22·7	5·7	23·8	5·6	24·4	6·7	24·9	6·9	23·7	3·9	9
10	25·3	4·6	23·0	5·0	23·1	6·1	23·7	6·4	23·9	5·9	24·1	6·3	24·4	6·1	25·0	5·2	10
11	25·0	5·0	22·7	4·5	24·2	7·1	24·9	6·9	24·2	6·2	25·0	7·0	25·3	6·3	26·0	5·8	11
Noon	26·4	5·4	22·6	4·1	24·9	7·4	25·0	6·9	24·7	6·7	25·2	7·2	26·0	7·2	27·6	6·6	Noon
13h	26·7	5·8	25·0	6·5	25·3	8·0	25·9	7·5	24·9	6·9	25·6	7·5	26·7	9·7	27·7	6·6	13
14	26·0	5·5	25·3	6·9	25·1	7·9	26·0	8·4	24·3	6·2	25·1	6·8	26·8	8·4	27·8	6·2	14
15	25·9	5·6	25·1	7·1	25·0	7·8	25·9	7·6	24·0	6·0	25·0	6·8	27·2	8·0	27·1	5·9	15
16	25·6	5·8	24·4	6·4	24·0	7·0	24·9	7·0	23·8	6·3	23·8	5·8	25·9	7·8	26·4	5·3	16
17	24·7	4·8	22·7	5·8	22·8	6·1	24·0	6·2	22·6	5·2	23·0	5·4	24·7	6·7	25·2	4·4	17
18	23·4	3·7	21·0	5·0	20·7	4·6	22·0	5·0	21·4	4·4	22·5	5·1	23·0	5·4	24·3	3·9	18
19	22·7	3·2	19·0	3·0	19·2	3·7	20·5	3·5	20·1	3·3	20·9	3·9	21·6	4·2	23·1	3·0	19
20	21·9	2·9	17·1	1·6	18·0	2·4	20·3	3·1	19·5	3·2	19·6	2·7	19·4	2·9	22·4	2·6	20
21	21·5	2·6	16·0	0·9	18·6	2·5	19·1	1·6	19·0	3·0	19·0	2·2	18·9	2·8	21·0	1·9	21
22	19·7	1·7	14·9	0·4	19·0	2·6	19·0	1·4	19·1	2·7	18·3	1·9	17·3	1·9	20·6	1·6	22
23	19·5	1·6	15·0	1·1	19·1	2·2	19·0	1·4	18·2	2·0	17·7	1·7	16·8	1·7	20·0	1·3	23

TABLE XI. (*Contd.*)—**TEMPERATURE** of the **AIR** and **EXCESS** over **TEMPERATURE** of **EVAPORATION** in degrees **CENTIGRADE** at every **HOUR** of the **DAY**, as deduced from the **PHOTOGRAPHIC RECORDS**.

(*To obtain temperatures on the Absolute Scale add* 273)

OCTOBER 1926

Hour \ Day	17d. Air.	17d. Excess of Air over Evap.	18d. Air.	18d. Excess of Air over Evap.	19d. Air.	19d. Excess of Air over Evap.	20d. Air.	20d. Excess of Air over Evap.	21d. Air.	21d. Excess of Air over Evap.	22d. Air.	22d. Excess of Air over Evap.	23d. Air.	23d. Excess of Air over Evap.	24d. Air.	24d. Excess of Air over Evap.	Day / Hour
Midnight	18·8	1·3	17·1	1·4	20·0	2·5	21·3	0·9	21·9	2·1	22·4	2·1	20·1	1·1	19·0	1·1	Midnight
1h	18·0	1·0	16·7	1·5	20·0	2·1	21·0	0·9	21·8	2·3	22·4	2·0	19·9	1·2	19·2	1·2	1h
2	18·0	1·0	17·2	1·6	19·7	1·9	21·1	1·0	21·7	2·1	22·5	1·9	19·2	0·9	18·8	1·0	2
3	18·4	1·0	18·5	1·5	19·7	2·0	21·1	1·0	21·7	2·2	21·9	1·1	19·7	1·2	18·7	1·1	3
4	19·0	1·0	18·9	1·4	19·9	2·2	21·1	1·2	21·4	1·9	21·7	1·4	18·8	0·8	18·6	0·9	4
5	18·8	0·9	18·1	1·1	19·6	2·0	21·4	1·5	21·2	1·8	21·7	1·3	18·0	0·7	18·0	0·8	5
6	18·6	0·9	17·5	1·3	19·9	2·3	21·2	1·2	21·7	2·3	21·6	1·2	18·7	1·0	17·7	0·8	6
7	20·6	1·4	22·0	3·7	22·5	3·5	22·0	1·8	23·1	3·2	22·0	1·5	22·0	2·0	19·9	1·0	7
8	23·0	3·4	23·4	4·4	24·0	4·7	22·8	2·1	23·9	3·8	22·9	2·1	24·1	3·8	24·0	3·8	8
9	24·7	4·3	25·2	6·2	22·6	3·1	23·5	3·1	24·1	3·9	23·3	2·4	25·1	4·6	25·9	4·8	9
10	26·7	6·4	25·5	6·5	24·9	5·1	24·6	3·6	25·6	5·6	23·9	2·0	25·7	4·9	26·4	5·7	10
11	26·8	6·8	26·0	6·6	26·0	6·0	24·2	3·5	26·4	5·5	26·0	5·0	26·6	5·6	27·0	6·0	11
Noon	27·1	7·1	26·0	6·4	25·4	5·2	24·1	3·8	26·3	5·1	25·4	3·7	26·9	6·4	27·0	5·7	Noon
13h	26·9	7·7	25·9	7·0	26·0	6·0	24·0	2·9	26·0	5·0	25·3	5·3	27·0	6·1	26·2	5·3	13h
14	26·8	8·0	25·7	6·0	26·0	5·2	23·6	3·7	26·0	5·3	25·0	5·0	26·7	5·9	26·3	5·4	14
15	26·0	7·5	25·3	5·5	25·4	4·5	24·2	4·0	26·2	5·1	24·7	4·5	25·9	5·3	26·0	5·3	15
16	25·6	7·6	25·0	6·5	24·1	4·2	23·5	3·7	25·0	4·6	24·0	3·9	24·7	4·7	25·4	4·6	16
17	24·8	5·7	23·6	5·6	20·9	1·2	23·0	2·9	24·0	3·7	23·6	3·6	24·5	4·3	25·0	4·6	17
18	23·9	4·7	22·0	4·0	21·2	1·2	22·8	2·8	23·3	3·2	23·4	3·5	23·8	3·8	24·0	4·3	18
19	21·5	4·5	21·2	3·2	19·8	1·0	22·3	2·7	22·3	2·3	22·2	2·4	23·1	3·1	23·4	3·5	19
20	20·9	3·9	20·6	3·2	20·5	0·8	22·1	2·3	21·4	1·7	22·3	2·3	21·9	2·4	22·8	3·0	20
21	19·1	2·7	20·0	2·8	20·9	0·9	22·1	2·2	20·8	1·3	22·4	2·4	21·6	2·0	22·9	2·9	21
22	18·1	2·1	20·1	2·9	21·0	0·9	22·1	2·1	21·4	1·5	21·6	1·9	21·0	2·0	22·3	2·3	22
23	17·0	1·8	20·2	3·0	21·2	1.2	22·0	2·2	22·0	1·9	20·5	1·5	19·9	1·3	21·5	2·1	23

Hour. \ Day	25d. Air.	25d. Excess of Air over Evap.	26d. Air.	26d. Excess of Air over Evap.	27d. Air.	27d. Excess of Air over Evap.	28d. Air.	28d. Excess of Air over Evap.	29d. Air.	29d. Excess of Air over Evap.	30d. Air.	30d. Excess of Air over Evap.	31d. Excess of Air over Evap.	31d. Air.	Mean Air.	Mean Excess of Air over Evap.	Day. / Hour
Midnight	19·5	1·5	20·0	1·3	18·8	1·0	22·0	1·2	20·5	2·5	19·5	2·2	19·5	2·5	19·2	1·7	Midnight
1h	18·9	1·3	20·0	1·2	18·3	0·9	21·6	1·4	20·3	1·8	19·8	2·7	19·0	2·3	19·0	1·6	1h
2	18·5	1·1	20·8	1·2	19·0	1·0	23·1	1·3	19·8	1·8	19·5	2·5	18·2	1·9	18·9	1·5	2
3	18·0	1·0	21·0	1·1	20·0	1·0	22·1	1·5	19·5	1·3	18·6	2·0	17·1	1·7	18·7	1·4	3
4	18·2	0·7	20·5	0·9	19·9	0·8	20·8	1·5	19·5	1·5	19·2	2·6	17·0	1·8	18·5	1·4	4
5	18·1	1·0	21·1	1·0	19·0	0·2	19·6	1·0	19·1	2·0	19·2	2·7	17·6	1·6	18·3	1·3	5
6	18·7	0·9	21·2	1·0	19·6	0·7	19·2	1·1	19·5	1·8	19·9	3·4	18·8	2·0	18·5	1·4	6
7	22·0	2·0	22·9	1·8	23·7	1·9	22·8	2·8	22·7	4·4	21·0	3·3	22·5	4·5	20·9	2·4	7
8	24·6	3·8	24·9	3·9	25·5	2·9	24·8	4·6	24·6	5·2	23·0	4·9	23·7	5·7	23·1	3·9	8
9	25·5	4·9	25·1	4·1	26·0	3·3	26·5	5·5	25·3	6·6	25·5	6·7	23·7	5·8	24·0	4·7	9
10	26·2	5·4	26·8	5·8	27·0	3·8	26·9	5·9	25·5	6·5	24·4	5·9	25·5	7·3	24·9	5·5	10
11	27·3	6·4	27·5	6·5	27·7	4·3	28·0	7·0	25·7	6·9	25·3	7·1	25·1	6·7	25·4	5·9	11
Noon	27·0	6·0	27·8	6·4	28·9	5·2	29·0	8·0	26·0	6·8	26·0	7·9	24·9	6·7	25.8	6·1	Noon
13h	27·2	6·5	27·0	6·5	28·2	4·9	29·0	8·3	26·9	7·0	26·7	7·9	25·4	7·4	25·9	6·4	13h
14	27·4	6·3	27·4	6·3	27·4	4·4	28·7	7·5	26·8	6·9	25·5	6·5	25·7	7·3	25·7	6·1	14
15	27·2	6·2	27·1	5·8	27·1	4·6	27·4	6·3	26·0	6·7	25·6	6·3	25·6	6·7	25·4	5·8	15
16	25·9	4·7	27·0	6·1	27·0	4·6	26·9	7·0	25·7	6·8	24·6	6·0	24·3	5·9	24·7	5·5	16
17	25·8	4·5	25·9	5·2	26·2	4·4	24·9	4·7	24·2	5·8	24·0	6·2	23·7	5·8	23·8	4·8	17
18	24·1	3·7	24·7	4·2	24·8	3.8	23·6	4·0	23·0	4·8	22·8	5·4	22·7	4·9	22·7	4·0	18
19	23·0	2·8	23·2	3·1	23·7	2·7	22·2	3·1	21·6	3·8	21·3	4·2	21·3	3·9	21·5	2·8	19
20	22·0	2·2	21·4	2·2	23·3	2·4	22·0	3·1	20·8	3·1	20·5	3·9	20·1	3·1	20·8	3·0	20
21	21·2	1·9	20·2	1·8	23·0	2·0	21·9	3·3	20·0	2·6	19.8	3·4	19·8	2·9	20·3	2·4	21
22	20·8	1·8	20·4	1·5	23·0	1·9	21·0	3·0	20·2	2·4	19·0	2·7	19·6	3·0	19·8	2·1	22
23	20·3	1·4	19·8	1·5	22·6	1·6	21·0	2·8	20·1	2·2	19·6	2·6	19·0	2·8	19·5	1·9	23

TABLE XII.—NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(*The results are increased by* 90 *in order to obviate the necessity for signs. The unit in the table is* 0·1 *metre.*)

OCTOBER 1926.

Hour \ Day.	1d.		2d.		3d.		4d.		5d.		6d.		7d.		8d.		Hour \ Day.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	894	913	890	924	881	929	888	912	891	909	881	928	890	910	900	922	Midnight
1h	895	912	894	929	883	926	889	911	889	911	887	913	887	913	896	921	1h
2	895	912	889	929	883	926	888	912	889	908	882	918	896	921	897	915	2
3	896	910	889	928	886	921	889	911	882	918	879	921	884	924	898	911	3
4	893	915	888	931	890	914	891	909	866	923	886	910	891	922	894	913	4
5	890	924	886	921	891	913	890	908	885	910	881	913	889	916	895	911	5
6	893	916	889	917	892	910	874	917	881	912	883	911	889	916	893	910	6
7	886	936	886	935	889	916	881	919	887	909	885	915	885	924	896	906	7
8	900	935	882	944	889	929	884	940	870	945	893	932	891	943	904	910	8
9	876	936	872	942	888	931	884	940	874	940	887	964	893	934	911	902	9
10	890	948	879	952	885	938	882	945	881	946	874	939	893	932	921	921	10
11	900	952	879	952	889	929	876	957	882	945	900	974	900	957	911	929	11
Noon	900	952	864	955	886	934	882	944	881	946	900	959	911	954	925	938	Noon
13h	900	964	877	955	883	941	874	963	883	941	900	979	910	949	922	932	13h
14	900	950	878	952	884	939	882	945	900	961	900	954	910	949	923	934	14
15	885	975	881	946	881	928	875	961	879	952	888	960	900	955	914	922	15
16	888	957	883	942	869	906	878	953	886	935	890	949	900	947	914	922	16
17	878	953	878	952	876	924	879	951	872	942	890	948	884	939	909	921	17
18	885	937	883	941	885	915	883	926	877	935	889	927	900	928	903	914	18
19	888	931	891	943	885	915	884	916	895	923	882	927	894	928	903	913	19
20	887	933	883	942	878	922	888	912	889	929	883	926	894	930	904	920	20
21	889	928	886	934	878	922	885	915	874	917	903	915	894	930	894	914	21
22	889	927	883	926	883	917	889	911	867	922	891	922	900	922	894	913	22
23	887	934	878	933	889	911	892	908	881	913	900	921	900	919	893	915	23

Hour \ Day.	9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.		Hour \ Day.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	N.	E.	N.	E.	
Midnight	894	913	900	891	893	905	891	907	888	919	890	915	900	907	882	918	Midnight
1h	894	914	882	882	888	909	890	908	891	921	889	917	900	909	885	915	1h
2	893	916	883	903	886	910	887	909	898	906	889	917	898	911	881	919	2
3	890	923	903	900	888	909	886	910	878	909	888	919	898	912	887	913	3
4	892	920	870	906	888	909	881	913	877	910	890	915	898	909	885	915	4
5	889	917	858	917	880	913	879	914	900	920	889	916	898	912	885	915	5
6	886	921	871	900	882	912	883	911	890	915	889	917	897	908	887	913	6
7	890	914	870	912	886	906	886	910	878	932	888	919	896	909	893	909	7
8	898	909	861	916	868	913	881	912	866	934	875	937	900	927	919	912	8
9	912	888	849	910	862	925	859	917	857	943	883	943	911	927	923	890	9
10	925	875	854	931	867	922	866	913	860	940	900	949	913	933	919	881	10
11	919	872	832	946	863	925	864	924	870	972	900	954	909	946	933	867	11
Noon	916	861	843	938	881	929	877	923	900	963	888	958	894	927	927	873	Noon
13h	917	857	852	932	867	933	869	931	864	955	900	958	905	924	929	871	13h
14	900	854	858	928	869	931	864	936	875	960	920	949	914	922	915	863	14
15	900	856	844	937	860	926	847	935	864	954	900	954	922	922	917	857	15
16	900	867	839	941	859	941	859	941	877	956	900	950	917	926	909	857	16
17	893	865	856	929	857	943	868	932	868	947	909	943	910	924	893	867	17
18	900	874	874	917	873	927	871	929	878	933	892	940	904	918	896	879	18
19	900	881	887	913	886	910	881	913	887	920	900	925	902	910	897	886	19
20	903	883	887	909	894	904	886	910	886	922	900	910	903	917	893	883	20
21	902	890	891	907	895	903	888	919	887	920	900	912	902	911	913	887	21
22	901	894	894	904	895	903	886	922	887	920	900	912	898	912	907	893	22
23	901	894	890	907	891	907	890	915	890	914	900	912	889	928	905	895	23

TABLE XII.—(*Contd.*) NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(*The results are increased by* 90 *in order to obviate the necessity for signs. The unit in the table is* 0·1 *metre.*)

OCTOBER 1926.

Day. / Hour.	17d.		18d.		19d.		20d		21d.		22d.		23d.		24d.		Day / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	904	893	891	900	868	921	900	937	900	950	907	932	900	919	900	907	Midnight
1h	907	890	887	900	876	915	900	939	900	945	905	922	900	914	900	916	1h
2	907	890	882	904	876	916	893	932	900	946	900	924	900	918	900	918	2
3	907	891	889	905	881	912	891	946	900	944	900	919	900	913	900	916	3
4	907	891	891	907	876	915	887	964	900	942	900	920	900	916	902	911	4
5	907	891	895	903	874	917	900	944	900	939	900	920	900	915	898	911	5
6	908	890	894	904	876	916	900	951	900	942	900	920	900	918	893	915	6
7	907	891	887	920	859	941	888	959	906	929	906	929	900	924	895	911	7
8	888	898	883	942	854	946	900	970	900	962	906	927	910	924	900	915	8
9	893	891	885	938	891	944	900	972	911	955	906	927	907	933	907	915	9
10	893	868	875	959	846	954	900	979	911	955	900	935	907	936	908	918	10
11	889	844	880	949	866	981	884	981	923	955	900	938	908	940	912	932	11
Noon	891	855	872	967	882	945	885	976	921	952	915	938	915	937	923	934	Noon
13h	874	837	868	948	856	967	900	986	922	953	918	943	917	941	921	931	13h
14	868	852	862	957	875	960	900	974	919	946	913	934	915	937	920	930	14
15	854	831	871	969	869	975	900	966	912	959	915	937	911	927	912	918	15
16	867	851	880	949	874	962	900	971	907	936	907	932	908	920	920	913	16
17	868	853	865	935	880	949	892	940	900	948	905	926	905	923	918	912	17
18	880	880	876	936	885	937	900	966	900	941	905	924	902	912	906	904	18
19	872	906	888	919	890	947	900	954	900	934	903	917	903	916	906	906	19
20	889	902	875	925	894	927	900	954	900	928	902	909	901	906	908	908	20
21	883	897	878	922	893	933	890	950	900	926	903	916	902	911	897	907	21
22	879	896	873	927	900	937	909	944	900	929	904	920	902	911	896	906	22
23	838	898	861	939	900	944	900	950	905	923	900	918	902	909	897	905	23

Day. / Hour	25d.		26d.		27d.		28d		29d.		30d.		31d.		Mean.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	896	907	900	915	905	911	890	893	885	924	885	915	895	912	893	915	Midnight
1h	889	917	900	926	900	915	892	894	887	932	885	923	892	918	892	915	1h
2	887	913	900	923	897	916	880	880	884	940	883	925	892	908	891	916	2
3	890	910	900	911	898	911	887	891	873	927	886	922	893	904	890	915	3
4	887	913	900	916	900	918	892	894	881	912	878	933	885	910	889	916	4
5	887	913	910	914	904	919	884	903	884	916	878	932	885	910	890	916	5
6	887	913	905	907	900	917	885	907	891	907	885	923	889	917	890	915	6
7	890	914	918	918	900	915	886	903	889	927	890	915	888	930	890	919	7
8	900	928	929	919	915	900	879	900	900	947	887	934	889	956	891	929	8
9	904	921	929	929	918	882	883	893	900	944	889	952	890	951	892	928	9
10	910	924	936	924	912	870	873	873	900	945	879	931	900	955	892	929	10
11	922	922	939	926	872	872	852	868	900	944	913	932	900	952	893	934	11
Noon	925	925	929	929	892	860	850	850	900	944	906	931	900	949	896	930	Noon
13h	907	933	922	932	861	861	863	844	900	945	900	936	900	950	893	932	13
14	909	942	923	923	853	868	861	874	900	948	878	878	900	950	893	929	13
15	915	938	911	928	848	866	900	939	889	953	871	889	900	949	888	932	14
16	864	914	926	917	853	868	864	936	890	947	872	911	900	942	887	928	15
17	867	887	922	914	860	884	861	958	891	945	871	929	900	944	885	927	16
18	900	918	912	918	870	870	880	948	891	943	876	936	892	940	889	923	17
19	900	909	908	911	868	878	885	937	889	926	884	924	895	924	892	918	18
20	900	912	904	907	878	886	881	947	892	920	884	924	893	916	892	917	19
21	897	916	903	906	886	890	877	955	892	920	882	927	893	916	892	917	20
22	897	916	902	911	890	893	886	934	892	920	892	911	894	915	893	916	21
23	897	914	904	910	890	893	884	939	891	912	893	910	893	916	893	916	22

TABLE XIII.—DIRECTION and VELOCITY of the WIND at every HOUR of the DAY as recorded by the ROBINSON CUP ANEMOMETER, during OCTOBER 1926.

The directions are given in points and the values indicate the direction from which the wind blows counting from South (0), West (8), North (16) and East (24).

The Velocities are given in Metres per second, using the factor 2·2.

*(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk *).*

OCTOBER 1926.

Hour \ Day	1d.		2d.		3d.		4d.		5d.		6d.		7d.		8d.		9d. *		10d. *		11d.		12d.		13d.		14d.		15d.		16d *	
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Midnight	26	1·4	26	2·6	27	3·5	28	1·7	28	1·3	27	3·4	28	1·4	24	2·2	26	1·4	8	0·9	29	0·9	29	1·1	27	2·2	27	1·8	24	0·7	28	2·5
1h	26	1·3	25	3·0	27	3·1	28	1·6	28	1·6	28	1·8	28	1·8	25	2·1	26	1·5	4	2·5	29	1·5	29	1·3	26	2·3	27	2·0	24	0·9	28	2·2
2	26	1·3	26	3·1	27	3·1	28	1·7	29	1·4	28	2·5	25	2·2	25	1·5	26	1·8	r31	1·7	29	1·7	29	1·6	26	0·6	27	2·0	25	1·1	28	2·7
3	26	1·1	26	3·0	27	2·5	28	1·6	28	2·6	28	3·0	27	2·9	25	1·1	26	2·5	32	1·7	29	1·5	29	1·7	30	2·4	27	2·2	25	1·2	28	1·9
4	26	1·7	26	3·3	27	1·7	28	1·3	29	4·1	29	1·7	26	2·4	26	1·4	26	2·2	31	3·1	29	1·5	29	2·3	30	2·5	27	1·8	25	0·9	28	2·2
5	26	2·6	27	2·5	27	1·6	29	1·3	29	1·8	29	2·3	27	1·9	26	1·2	27	2·0	30	4·5	29	2·4	29	2·5	24	2·0	27	1·9	25	1·2	28	2·1
6	26	1·8	27	2·0	27	1·3	29	3·1	29	2·2	29	2·0	27	1·9	27	1·2	27	2·5	32	2·9	29	2·1	29	2·0	27	1·8	27	2·0	26	0·9	28	1·9
7	26	3·9	26	3·8	27	1·9	28	2·7	29	1·6	28	2·2	27	2·8	27	0·7	27	1·7	30	3·2	30	1·5	29	1·7	27	3·9	27	2·2	26	1·0	27	1·1
8	24	3·5	26	4·8	26	3·1	26	4·3	27	5·4	25	3·3	25	4·4	22	1·1	25	0·9	30	4·2	30	3·4	29	2·2	28	4·9	27	4·5	24	2·7	19	2·2
9	27	4·3	27	5·1	26	3·3	26	4·3	27	4·8	25	6·5	25	3·5	17	1·1	r12	1·7	31	5·2	29	4·6	30	4·4	28	6·2	26	4·6	22	2·9	r14	2·5
10	25	4·9	26	5·6	26	4·1	26	4·9	26	5·0	27	4·7	25	3·3	20	3·0	12	3·6	29	5·6	29	4·0	30	3·6	28	5·7	24	4·9	22	3·5	12	2·7
11	24	5·2	26	5·6	26	3·1	26	6·2	26	4·9	24	7·4	24	5·7	22	3·1	11	3·4	29	8·2	29	4·5	29	4·4	26	7·8	24	5·4	23	4·7	14	3·5
Noon	24	5·2	27	6·6	26	3·7	26	4·8	26	5·0	24	5·9	23	5·5	21	4·6	10	4·2	29	6·9	27	3·5	28	3·3	24	6·3	25	5·9	25	2·8	12	3·9
13h	24	6·4	26	6·0	26	4·4	26	6·8	26	4·4	24	7·9	23	5·0	21	3·9	10	4·6	29	5·8	28	4·7	28	4·4	27	6·6	24	5·8	23	2·5	12	4·2
14	24	5·0	26	5·7	26	4·2	26	4·9	24	6·1	24	5·4	23	5·0	21	4·1	8	4·6	29	5·1	28	4·4	28	5·1	26	6·5	22	5·3	21	2·6	10	4·0
15	25	7·6	26	5·0	27	3·4	26	6·6	26	5·6	25	6·1	24	5·5	21	2·6	8	4·4	29	6·7	29	4·8	29	6·4	27	6·5	24	5·4	20	3·1	10	4·6
16	25	5·8	26	4·5	31	3·2	26	5·8	26	3·8	25	5·0	24	4·7	21	2·6	8	3·3	29	7·3	28	5·8	28	5·8	26	6·1	24	5·0	21	3·1	9	4·4
17	26	5·8	26	5·7	28	3·4	26	5·5	27	5·1	25	4·9	26	4·2	22	2·3	7	3·6	29	5·3	28	6·1	28	4·6	27	5·7	23	4·4	22	2·6	7	3·4
18	26	4·0	26	4·4	28	2·1	27	3·1	27	4·2	26	2·9	24	2·8	23	1·4	8	2·6	29	3·1	28	3·9	28	4·2	27	4·0	25	4·1	23	1·8	7	2·1
19	26	3·3	25	4·4	28	2·2	28	2·3	25	2·4	27	3·3	25	2·9	23	1·3	8	1·9	28	1·9	29	1·7	29	2·3	27	2·4	24	2·5	23	1·0	7	1·4
20	26	3·5	26	4·5	28	3·1	28	1·7	26	3·1	27	3·1	25	3·1	23	2·0	9	1·7	29	1·6	29	0·7	29	1·7	27	2·6	24	1·0	23	1·7	6	1·9
21	26	3·0	26	3·7	28	3·1	28	2·2	29	3·1	23	1·5	25	3·1	26	1·5	9	1·0	29	1·1	29	0·6	27	2·2	27	2·4	24	1·2	23	1·1	12	1·8
22	26	2·9	27	3·1	28	2·4	28	1·6	29	4·0	26	2·4	24	2·2	26	1·4	9	0·6	29	0·7	29	0·6	27	2·6	27	2·4	24	1·2	25	1·2	12	1·0
23	26	3·6	27	4·0	28	1·5	28	1·2	29	2·3	24	2·1	24	1·9	26	1·7	9	0·6	29	1·2	29	1·1	27	1·8	27	1·7	24	1·2	26	3·0	12	0.7

Hour \ Day	17d. *		18d.		19d.		20d.		21d.		22d.		23d.		24d.		25d.		26d.		27d. *		28d. *		29d.		30d. *		31d.		Mean
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocity
Midnight	11	0·8	32	0·9	29	3·8	24	3·7	24	5·0	23	3·3	24	1·9	24	0·7	27	0·8	24	1·5	22	1·2	3	1·2	27	2·8	28	2·2	26	1·3	1·9
1h	11	1·2	32	1·3	29	2·8	24	3·9	24	4·5	23	2·3	24	1·4	24	1·6	27	2·0	24	2·6	24	1·5	3	1·0	26	3·4	27	2·7	26	2·0	2·1
2	11	1·2	31	1·8	29	2·9	25	3·3	24	4·6	24	2·4	24	1·8	24	1·8	28	1·9	24	2·3	25	1·6	4	2·8	26	4·3	27	3·0	28	1·2	2·2
3	11	1·1	30	1·2	29	2·2	25	4·7	24	4·4	24	1·9	24	1·3	24	1·6	28	1·4	24	1·1	25	1·1	3	1·6	28	3·8	27	2·6	29	0·8	2·1
4	11	1·1	29	1·1	29	2·8	25	6·5	24	4·2	24	2·0	24	1·6	23	1·1	28	1·9	24	1·6	24	1·8	3	1·0	29	2·2	27	4·0	29	1·8	2·2
5	11	1·1	29	0·6	29	3·1	24	4·4	24	3·9	24	2·0	24	1·5	25	1·1	28	1·8	21	1·7	23	1·9	r31	1·6	28	2·3	27	3·9	29	1·8	2·1
6	11	1·3	29	0·7	29	2·9	24	5·1	24	4·2	24	2·0	24	1·8	26	1·7	28	1·8	21	0·9	24	1·7	30	1·7	29	1·1	27	2·7	27	2·0	2·0
7	11	1·1	27	2·4	28	5·8	25	6·0	23	3·0	23	3·0	24	2·4	26	1·2	27	1·7	20	2·6	24	1·5	31	1·4	26	2·9	27	1·8	26	3·2	2·5
8	r1	1·2	26	4·5	28	6·5	24	7·0	24	6·2	23	2·8	22	2·6	24	1·5	24	2·8	19	3·5	16	1·5	d32	2·1	24	4·7	26	3·6	25	5·7	3·6
9	5	1·1	26	4·1	25	4·5	24	7·2	23	5·6	23	2·8	23	3·4	22	1·7	23	2·1	20	4·2	r12	2·5	2	1·9	24	4·4	25	5·3	25	5·2	3·9
10	7	3·3	26	6·4	28	7·7	24	7·9	23	5·6	24	3·5	23	3·7	22	2·0	22	2·6	19	4·4	10	3·2	4	3·8	24	4·5	27	3·7	24	5·5	4·4
11	7	5·7	26	5·3	26	8·8	25	8·3	22	6·0	24	3·8	23	4·1	22	3·2	20	3·1	19	4·7	4	4·0	3	5·8	24	4·4	22	3·4	24	5·2	5·1
Noon	7	4·6	26	7·3	26	4·9	25	7·7	22	5·6	22	4·1	22	4·0	21	4·1	20	3·6	20	4·2	7	4·1	4	7·1	24	4·4	23	3·2	24	4·9	4·9
13h	6	6·8	27	5·8	27	8·0	24	8·6	22	5·8	22	4·7	22	4·4	21	3·7	23	3·4	21	3·9	4	5·5	5	6·7	24	4·5	24	3·6	24	5·0	5·3
14	5	5·8	27	6·9	26	6·5	24	7·4	22	5·0	22	3·6	22	4·0	21	3·6	23	4·3	20	3·3	3	5·7	3	4·7	24	4·8	a4	3·2	24	5·0	4·9
15	5	8·3	26	7·5	26	8·1	24	6·6	23	6·0	22	4·0	22	2·9	21	2·1	22	4·1	22	3·0	3	6·2	r24	3·9	25	5·4	2	3·1	24	4·9	5·2
16	5	5·9	26	5·3	26	6·7	24	7·1	23	3·7	23	3·3	22	2·2	19	2·4	30	3·9	19	3·1	3	5·7	28	5·2	25	4·8	r30	3·0	24	4·2	4·6
17	5	5·7	28	5·0	26	5·3	25	4·1	24	4·8	23	2·7	23	2·4	19	2·1	20	3·5	19	2·6	2	4·3	27	7·0	25	4·6	28	4·1	24	4·4	4·4
18	4	2·9	27	4·3	26	4·0	24	6·6	24	4·1	23	2·5	23	1·2	19	0·7	24	1·8	21	2·1	4	4·3	26	5·2	25	4·4	27	4·4	25	4·1	3·3
19	r31	2·9	27	2·2	25	4·8	24	5·4	24	3·4	23	1·7	23	1·6	20	0·9	24	0·9	21	1·4	3	3·9	26	4·0	26	2·8	27	2·9	25	2·5	2·5
20	31	1·1	28	3·5	25	2·8	24	5·4	24	2·8	23	0·9	23	0·6	20	1·1	24	1·2	21	0·8	3	2·6	26	5·1	26	2·2	27	2·9	26	1·8	2·3
21	d1	1·7	28	3·2	25	3·4	25	5·1	24	2·6	23	1·6	23	1·1	26	0·8	25	1·6	22	0·7	3	1·7	26	6·0	26	2·2	27	3·3	26	1·8	2·2
22	1	2·2	28	3·8	24	3·7	23	4·5	24	2·9	23	2·0	23	1·1	27	0·7	25	1·6	23	1·1	3	1·2	26	3·7	26	2·2	27	1·4	26	1·6	2·1
23	1	1·2	28	5·6	24	4·4	24	5·0	23	2·4	24	1·8	23	0·9	27	0·6	25	1·4	22	1·1	3	1·2	26	4·2	27	1·5	27	1·2	26	1·8	2·1

d = direct r = retrograde.

TABLE XIV.—RAINFALL at every HOUR of the DAY at the ROYAL ALFRED OBSERVATORY MAURITIUS for OCTOBER 1926.

Hour / Day	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
					mm.																								mm	mm	
1h	...	...	...	...	...	...	...	...	...	6·0	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...
2	...	0·3	...	...	...	...	...	...	...	2·0	...	...	...	...	...	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...
3	...	0·8	...	...	...	...	0·4	...	...	0·9	...	...	0·2	...	...	...	...	...	...	0·4	...	0·3	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	0·3	...	...	0·1	...	...	...	...	...	...	...	...	...	0·3	0·1	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	0·3	...	...	...	...	...	0·1	...	...	...	...	...	...	...	0·1	0·2	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	0·3	...	...	...	...	...	...	0·9	...	0·2	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	0·2	...	...	...	...	...	0·2	...	...	...	0·3	...	...	0·4	0·1	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...
9	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	1·6	...	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Noon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13h	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·7	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	0·9	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·4	...	...	...	...	...	...	...	...	...	...	...	...

TABLE XV.—TOTAL MONTHLY RAINFALL at VARIOUS STATIONS in MAURITIUS, grouped according to the RIVER SYSTEMS as indicated on the CHART for the MONTH of OCTOBER 1926.

River System.	Register Number	Station	Approximate Altitude feet.	Total fall in inches.	Total fall in mill.	Normal in mill.	Number of days.
1	2	St. Antoine	50	1·15	29·5	37·1	5
	3	Belmont	50	1·01	25·7	50·0	4
	4	Poudre d'Or	20	0·87	22·0	44·4	5
	5	Mon Loisir (R.)§ ...	300	...	...	...	...
	6	Mon Loisir S. E.§ ...	300	...	...	...	...
	7	Forbach§	300	...	...	...	...
	8	Labourdonnais§ ...	290	...	...	...	...
	9	Beau Séjour	300	1·12	28·4	65·0	6
	10	Mont Piton	360	1·38	35·1	67·6	5
	11	Mon Choix	700	1·01	25·7	63·2	6
	12	Antoinette	640	1·63	41.4	64·3	3
	13	California§	850	...	...	...	...
	14	Nouvelle Découverte ...	1,400	1·00	25·4	94·0	2
	15	Mon Songe	620	0·75	19·1	70·9	2
	16	La Grande Rosalie§ ...	643	...	...	...	...
	17	The Mount§	325	...	...	...	...
	18	Botanic Gardens ..	325	1·17	29·7	54·6	6
	19	The Observatory ...	179	0.81	20·6	32·5	12
	20	Solitude§	175	...	...	...	...
	21	St André§	90	...	...	...	...
	22	Belle Vue Harel§ ...	350	...	...	...	...
	23	Mont Choisy§	10	...	...	...	...
	25	Esperance (Trebuchet)*	165	1·01	25·7	...	3
	28	Mon Rocher§	...	...	...	...	...
	45	Roche Bois Station§ ...	44	...	...	...	...
	46	Riche Terre Station§ ...	106	...	...	...	...
	47	Terre Rouge Station§ ...	137	...	...	...	...
	48	Mapou Station§ ...	296	...	...	...	...
	49	Poudre d'Or Station§ ...	772	...	...	...	...
	50	Rivière du Rempart§ ...	134	...	...	...	...
2 & 3	1	Union Régnard S.E.§ ...	600	...	...	...	..
	2	Constance d'Arifat L.G.	100	0·90	22·9	47·5	5
	3	St. Julien Church§ ...	1,050	...	...	...	...
	4	Riche Fund	600	2·79	70·9	49·8	12
	5	Constance (Manès)§ ...	..	...	...	...	...
	6	Queen Victoria§ ...	..	...	...	...	...
	7	Belle Mare§	...	...	...	...	...
	8	Bel Etang (Lesur)§ ...	...	...	...	...	...
	9	Belle Vue (Allendy)*	...	1·15	29·2	...	6
	10	St. Julien E(K. Reetoo)§	...	...	...	...	...
4	1	Sans Souci§	900	...	...	...	...
	2	Etoile§	400	...	...	...	...
	3	Beau Champ§	20	...	...	...	...
	4	Belle Rive§	400	...	...	...	...
	5	Olivia	400	2·68	68·1	89·7	9
	6	Deep River§	350	...	...	...	...
	7	Belle Rose Estate§ ...	...	...	...	...	...
	8	Melrose§	...	...	...	...	...
	9	Bonne Veine*	...	3·09	78·5	...	20
5	1	Rose Belle§	850	...	...	...	...
	2	Riche-en-Eau§	460	...	...	...	...
	3	Ferney§	20	...	...	...	...
	4	Beau Vallon§	60	..	...	...	...
	5	Union Vale§	200	..	...	...	...
5 cont.	6	Mon Désert (Carié)§ ...	75	...	...	...	...
	7	Cluny§	1,000	...	...	...	...
	8	Union Park§	...	...	...	...	...
	9	Sauveterre Estate* ...	...	3·45	87·6	...	2
	10	Bananes Estate§ ...	...	...	...	...	...
6	1	Kanaka	2,000	4·25	107·9	164·8	14
	2	Tivoli§	1,300	..	...	...	...
	3	La Flora*	1,050	2·18	55·4	...	9
	4	Britannia§	730	..	...	...	...
	5	Savannah (Mill)§ ...	200	...	...	...	...
	6	St. Aubin§	300	...	...	...	...
	7	Union B.A.St.Félix S.E.§	90	...	...	...	...
	8	Beau Bois§	350	...	...	...	...
	9	St. Avold*	900	3·51	89·2	...	12
	10	Terracine§	100	...	...	...	...
	11	St. Félix S·E.§	...	...	...	...	...
	12	Bel Air§	..	...	...	...	...
	13	Chamouny§	...	...	...	...	...
	14	Union S. E.*	...	1·44	36·6	...	3
	15	Fontenelle*	...	1·95	49·f	...	4
	16	Combo§	...	...	...	...	...
	17	St. Felix (Wilson)§ ...	...	...	...	...	...
	18	Choisy Estate§	...	...	.	...	...
7, 8 & 9	1	Bel Ombre§	40	...	...	...	...
	3	Beau Champ§	...	...	...	...	...
	4	Board§	...	...	...	...	...
	12	Tamarin Station§ ...	155	...	...	...	...
	13	Médine Station§ ...	184	...	...	...	...
	14	Albion Station§ ...	72	...	...	...	...
10		No returns	...	...	...	...	...
11	1	Les Gorges§	...	...	...	...	...
	2	Curepipe Gardens ...	1,840	4·15	105·4	113·3	22
	3	Mare aux Vacoas ...	1,850	4·97	126·2	126·7	16
	4	La Marie Filter Bed ...	1,700	4·62	117·3	96·8	13
	5	Réunion§	1,420	...	...	..	...
12	1	The Manse	850	1·38	35·1	41·1	11
	2	The Bower§	1,080	...	...	...	...
	3	Le Réduit (D. of A.)§...	1,000	...	...	...	...
	4	Alma§	1,460	...	...	...	...
	5	Bagatelle§	1,250	...	...	...	...
	6	Highlands§	1,300	...	...	...	...
	7	Trianon	950	1.66	42·2	46·2	7
	8	Salency§	923	...	...	...	...
	9	La Ferme*	850	1·26	32·0	...	2
	10	Bon Air§	1,050	...	...	...	...
	11	Val Ory	1,100	1·71	43·4	54·6	9
	12	Ebène§	...	...	...	...	...
	13	Mon Rêve§	...	...	...	...	...
	14	Bassin§	...	...	...	...	..
	15	Hermitage§	...	...	...	...	...
	16	Côte d'Or	...	1·94	49·3	...	4
	17	Mon Repos§	...	...	...	...	..
13	1	The Albion Dock§ ...	18	...	...	...	...
	2	Institute§	...	...	...	...	...

* Normals not available. § Record not Received.

TABLE XVI.—OBSERVATIONS of the DIRECTION and VELOCITY of CLOUDS made at the AEROLOGICAL STATION VACOAS 424·5 metres above SEA LEVEL during the month of OCTOBER 1926.

Type	Time	Scud		Cumulus Cu. st. &c.		Alto cu: Alto st:		Cirro Cumulu		Cirro Stratus		Cirrus		Time	Scud		Cum: Cu. st. &c.		Alto Cum Alto St:		Cirro Cum		Cirro Stratus		Cirrus	
		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dr.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height
	h	°	°		°		°		°		°			h		°		°		°		°		°		°
1	...	...	...	...	...	...	...	...	...	...	...	...	...	14¾	...	...	270	0·3	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	11¾	...	...	300	0·4	...	...	...	...	...	...	...	...	14¾	...	...	315	0·5	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	12¼	270	0·6	275	0.6	...	...	...	...	...	...	...	...	14½	...	...	255	0·6	...	...	...	...	...	...	...	...
8	12h	210	0·3	240	0·3	...	...	...	...	250	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	14½	...	...	30	0·3	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	11½	...	...	310	0·6	...	...	...	...	...	...	...	...	14½	...	...	30	0·7	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...5	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	14½	...	...	310	0·5	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	12h	270	0·6	270	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	11¾	...	...	300	0·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	12½	...	...	270	0·4	...	...	...	...	...	...	...	...
27	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	9¾	...	...	30	0·3	...	...	...	...	...	...	...	...	11¾	...	...	330	0·4	...	...	...	...	...	...	...	...
29	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	10h	...	...	320	0·7	...	...	...	...	...	...	...	...	11¾	...	...	360	0·4	...	...	...	...	...	...	...	...
..	.	...	...	..	...	..	..	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...	...	...	...

The Direction is that from which the Cloud travels, counting South (0°) West (90°); North (180°). The Velocity-Height-Ratio is given in milliradians per sec.

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NEW SERIES (MONTHLY). VOL. XII. PART 11 PRICE R. 0.75

ROYAL ALFRED OBSERVATORY, MAURITIUS.

(LATITUDE 20°5′39 S.—LONGITUDE 3h 50m 12s·6 E.)

RESULTS

OF

MAGNETICAL AND METEOROLOGICAL OBSERVATIONS

FOR THE MONTH OF

NOVEMBER 1926

M. OLIVIER,

OFFICER IN CHARGE.

Published by Authority of His Excellency the Governor

PORT LOUIS
PRINTED AT THE GOVERNMENT PRESS
1927.

TABLE I.—RESULTS of MAGNETICAL OBSERVATIONS made during the MONTH of NOVEMBER 1926

Month and Day. 1926	Mean Declination (West)	Mean Horizontal Force. (C.G.S. Units.)	Mean Vertical Force. (C.G.S. Units.)	Daily Range of.† Declination.	Horizontal Force (Unit 1 γ)	Vertical Force. (Unit 1 γ)
	° ′					
1	...	...	...	...	...	...
2	...	...	..	...	...	...
3	...	...	...	...	...	...
4	...	...	...	...	...	...
5	...	...	...	...	...	...
6	...	...	...	...	...	...
7	...	...	...	...	...	...
8	...	...	...	...	...	...
9	...	...	...	...	...	...
10	...	...	...	...	...	...
11	...	...	.29853	...	...	25
12	...	...	854	...	...	20
13	...	...	855	...	...	19
14	...	...	851	...	...	28
15	...	...	853	...	...	24
16	...	...	851	...	...	29
17	11.25·2	.22862	850	5·7	14	17
18	24.3	860	848	6·3	35	30
19	25·2	862	845	7·6	26	35
20	24·6	865	856	10·2	34	46
21	24 6	863	867	13·4	43	47
22	24·7	853	873	8·4	27	12
23	24·2	846	867	10·0	16	17
24	24·7	854	869	11·6	23	28
25	24·7	853	868	11·3	17	31
26	28·7	862	869	7·0	17	25
27	24·9	866	869	8·0	17	18
28	25·4	855	872	4·8	114	31
29	24·9	825	884	6·2	48	27
30	25·4	832	880	8·1	24	31
31	...	...	...	...	...	...
Mean	11·25·07	·22854	·29861	8·47	32·5	27·0

Description of the Principal Magnetic Disturbances

The following notes give a brief description of the principal magnetic disturbances The movements in Horizontal Force and Vertical force are expressed in G.G.S. units.

The term "wave" indicates a movement in one direction and return; "double wave," a movement in one direction and return with continuation in the opposite direction and return; "fluctuations," a number of movements in both directions.

The extent and direction of the movement are indicated in brackets, + denotes an increase and—denotes a decrease of the Magnetic Element; ± denotes positive and negative movements of approximately equal extent.

$11^d.21^h.$ to $12^d.5^h.$—Small vibrations in V.F.
$22^d.1^h.$ to $5\frac{1}{2}^h.$—Sharp vibrations in V.F.
$22^d.1.30$—Wave in H.F. (+36γ)
$28^d.20^h.$—Wave in H.F. (—60γ)
$28^d.2^h.$ to $29^d.7^h.$—Vibrations in V.F.
$29^d.17\frac{1}{2}.$—Increase in V.F. (16γ)

Γ=0·37606: Mean Dip=θ=52°.34′·50. (X=·22401: Y=—·04524 :Z=·29865).
† The daily range is the difference between the greatest and least hourly values.

TABLE II.—RESULTS of ABSOLUTE DETERMINATIONS of the MAGNETIC ELEMENTS during the MONTH of NOVEMBER 1926

Declination (West).		Horizontal Force (C.G.S. Unit)		Dip (South).					
				A.M. Observations.		Resulting Vertical Force. C. G. S. Units.	P. M. Observations.		Resulting Vertical Force C.G.S. Units
Day and Hour.	Observed Value.	Day and Hour.	Observed Value.	Day and Hour.	Observed Value.		Day and Hour.	Observed Value.	
d h m	° ′	d h m		d h m	° ′		d h m	° ′	
Nov. 10.11.09	15.23·22	Nov. 11·11·37	·22842	Nov. 10.10·59	52.32·00	...	Nov. 10.15. 7	52.32.87	...
·14.54	11.16·27	·15·07	·22853	17. 8.57	52.32·62	...	17·15.36	52.31·62	.29821
17· 9.08	11.24·96	19· 9·39	·22872	25·10·24	52·35·12	·29886	25.15·28	52.33·37	·29833
.15·27	11.24·08	·12·16	·22882						
25· 9.21	11.27·60	30. 9·09	·22835						
.15.18	11.20·16								

TABLE III.—MAGNETIC DECLINATION (WEST) at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

NOVEMBER 1926.

Hour \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour
	11° +																
Midnight	GAS PLANT OUT OF ORDER AND DRIVING CLOCK UNDER REPAIRS																Midnight
1h																	1h
2																	2
3																	3
4																	4
5																	5
6																	6
7																	7
8																	8
9																	9
10																	10
11																	11
Noon																	Noon
13h																	13h
14																	14
15																	15
16																	16
17																	17
18																	18
19																	19
20																	20
21																	21
22																	22
23																	23

Hour \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Day. / Hour
	11° +																
Midnight	24'0	24'0	24'0	24'4	24'2	25'2	24'0	24'3	24'2	25'0	26'4	25'0	26'6	24'0	...	24'7	Midnight
1h	24·8	25·2	24·4	24·2	24·8	24·8	24·8	24·2	24·0	25·8	25·9	25·3	27·8	24·7	...	25·0	1h
2	25·0	25·0	25·6	24·3	24·8	25·0	24·9	24·3	24·3	25·9	25·2	24·6	26·0	25·9	...	25·1	2
3	25·2	25·8	25·8	24·4	25.4	25·5	25·0	25·7	25·2	26·0	25·8	25·5	25·2	26·7	...	25·5	3
4	25·7	25·9	25·7	25·5	25·6	26·6	25·6	26·2	25·0	26·0	26·0	25·6	26·5	27·8	...	26·0	4
5	26 3	26·0	25·9	26·0	26·0	27·2	26·4	27·3	25·6	26·2	26·1	26·1	28·0	27·9	...	26·5	5
6	27·5	26·2	28·0	27·2	27·4	28·0	27·7	27·7	26·2	26·4	27·3	26·4	27·9	27·7	...	27·3	6
7	28·2	27·9	29·9	29·8	29·8	28·4	28·0	29·6	29·8	26·8	28·4	26·8	27·3	30·0	...	28·6	7
8	29·0	27·6	28·8	30·0	32·0	28·2	28·2	30·8	30·3	29·7	29·6	26·4	26·8	30·0	...	29·1	8
9	28·1	25·5	26·0	28·6	31·2	26·5	27·8	29·7	28·0	30·0	29·7	26·0	27·0	29·3	...	28·1	9
10	26·2	22·8	24·4	26·9	29·2	24·0	24·5	26·8	24·6	30·7	29·0	25·3	26·4	27·8	...	26·3	10
11	25·0	21·9	22·3	24·8	26·0	23·2	22·0	24·2	24·0	31·0	25·8	25·7	24·0	26·4	...	24·7	11
Noon	24·6	21·7	23·6	21·7	22·0	21·8	20·0	22·2	22·0	30·9	22·7	26·0	22·2	24·0	...	23·2	Noon
13h	23·3	21·6	24·5	20·0	18·4	20·2	18·2	20·0	20·3	32·0	22·0	26·2	22·1	22·2	...	22·2	13h
14	23·9	21·8	25·7	19·8	17·8	20·0	18·5	19.4	20·0	32·0	24·8	26·0	22·1	21·9	...	22·4	14
15	24·2	22·2	25·8	21·6	18·2	20·0	21·2	19·2	19·0	31·8	23·6	24·2	21·8	22·0	...	22·5	15
16	24·2	23·7	25·0	22·2	20·0	22·2	22·6	21·0	19·8	31·9	23·7	22·9	21·9	22·3	...	23·1	16
17	24·6	24·4	24·3	24·0	22·0	24·8	23·8	24·0	22·3	31·8	22·4	22·0	22·7	23·1	...	24·0	17
18	24·4	25·0	24·6	25·6	23·9	25·0	24·4	25·8	24·7	30·4	21·7	23·5	24·0	23·9	...	24·8	18
19	24·0	24·0	24·0	24·4	23·6	25·6	24·6	24·6	27·2	29·6	21·8	24·6	24·2	24·0	...	24·7	19
20	23·8	24·2	23·8	23·8	23·7	26·2	25·7	24·7	26·6	28·0	21·9	25·9	24·6	24·1	...	24·8	20
21	23·9	23·9	23·8	24·2	23·9	25·9	24·2	24·1	26·4	26·4	22·4	26·0	24·9	24·0	...	24·6	21
22	23·9	23·8	24·0	24·0	24·0	25·0	24·0	24·0	26·8	26·8	22·6	25·9	24'7	24·2	...	24·6	22
23	24·0	23·7	24·8	24·3	25·6	24·0	24·0	24·0	26·0	27·3	22·7	25·8	24·4	25·0	...	24·7	23

TABLE IV.—MAGNETIC HORIZONTAL FORCE at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber).

NOVEMBER 1926.

Hour. \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
	·22000 + (C.G.S. UNIT.)																
Midnight	GAS PLANT OUT OF ORDER AND DRIVING CLOCK UNDER REPAIRS																Midnight
1h																	1h
2																	2
3																	3
4																	4
5																	5
6																	6
7																	7
8																	8
9																	9
10																	10
11																	11
Noon																	Noon
13h																	13h
14																	14
15																	15
16																	16
17																	17
18																	18
19																	19
20																	20
21																	21
22																	22
23																	23

Hour. \ Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31	Mean	Day. / Hour
	·22000 + (C.G.S. UNIT.)																
Midnight	859	860	864	852	856	843	841	849	847	853	863	867	808	819	...	848·6	Midnight
1h	860	860	862	864	860	850	842	851	848	854	860	866	820	822	...	851·4	1h
2	863	861	861	866	860	860	851	857	850	857	860	867	828	821	...	854·4	2
3	862	861	865	861	860	862	847	858	850	858	861	870	829	821	...	854·6	3
4	860	860	865	861	860	855	842	859	850	856	863	871	834	821	...	854·1	4
5	860	860	862	859	860	854	844	854	850	860	861	872	835	823	...	853·9	5
6	863	861	860	857	861	851	846	848	850	860	864	872	835	824	...	853·7	6
7	865	863	858	858	856	850	840	849	851	860	867	873	837	828	...	853·9	7
8	868	866	859	863	857	850	842	850	856	858	869	879	840	833	...	856·4	8
9	867	865	865	866	868	852	840	853	858	865	866	886	844	835	...	859·3	9
10	866	865	870	878	879	858	840	860	864	870	870	892	850	840	...	864·4	10
11	869	870	878	884	883	864	850	862	861	870	870	904	854	839	...	868·4	11
Noon	868	875	882	886	878	863	856	861	860	866	872	896	845	838	...	867·6	Noon
13h	865	872	880	885	877	861	850	865	857	870	877	888	822	834	...	864·5	13h
14	863	864	874	881	870	866	845	860	852	870	872	875	814	832	...	859·9	14
15	864	855	860	874	879	864	849	864	848	864	868	864	810	830	...	856·6	15
16	860	852	850	865	880	860	852	857	848	863	862	842	807	831	...	852·1	16
17	858	840	852	858	875	852	851	854	851	858	864	840	806	832	...	849·4	17
18	858	840	854	857	859	847	848	853	852	859	864	827	809	834	...	847·2	18
19	855	845	860	859	850	842	843	852	854	860	863	805	811	836	...	845·4	19
20	855	856	860	858	856	840	843	853	853	863	861	798	813	841	...	846·4	20
21	857	860	852	859	850	840	844	845	854	869	866	790	819	843	..	846·3	21
22	858	860	855	859	850	840	847	842	855	865	870	799	818	842	...	847·1	22
23	859	866	853	857	840	839	848	850	856	866	871	799	817	842	...	847·4	23

TABLE V.—MAGNETIC VERTICAL FORCE AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber).

NOVEMBER 1926.

Hour \ Day	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Hour \ Day
	·29000 + (C.G.S. UNIT).																
Midnight	GAS PLANT OUT OF ORDER										857	855	857	855	853	854	Midnight
1h											857	855	858	855	854	855	1h
2											856	856	858	856	855	855	2
3											856	856	858	857	856	856	3
4											856	858	859	858	859	857	4
5											857	857	860	859	858	859	5
6											860	857	861	860	860	862	6
7											862	863	865	862	864	867	7
8											860	862	866	861	865	864	8
9											858	861	859	852	860	853	9
10											857	856	853	849	854	845	10
11											857	850	855	845	852	840	11
Noon											851	846	850	837	850	840	Noon
13h											842	844	850	834	846	840	13h
14											837	843	847	839	841	838	14
15											837	845	848	840	840	839	15
16											844	846	851	844	842	843	16
17											850	850	852	849	847	849	17
18											851	853	853	850	850	851	18
19											852	855	852	850	850	851	19
20											852	854	852	850	850	851	20
21											853	854	852	851	852	851	21
22											855	855	853	852	852	852	22
23											856	856	854	853	853	852	23

Hour \ Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d	30d.	31	Mean	Hour \ Day
	·29000 + (C.G.S. UNIT).																
Midnight	852	851	852	850	873	877	868	875	874	871	871	871	885	886	...	864·4	Midnight
1h	852	851	852	851	872	876	868	875	874	872	871	871	883	886	...	864·4	1h
2	852	851	853	850	872	870	867	875	874	872	872	871	882	886	...	864·2	2
3	853	851	857	851	872	873	865	874	874	872	873	872	882	888	...	864·8	3
4	854	852	855	852	873	874	865	875	875	873	873	873	886	889	...	865·8	4
5	855	855	855	854	874	875	866	875	875	873	874	874	887	889	...	866·6	5
6	858	858	861	858	878	877	870	878	879	875	877	874	884	891	...	868·9	6
7	860	860	861	862	886	880	874	884	883	880	880	876	884	892	..	872·3	7
8	853	857	850	861	888	880	861	882	882	884	880	876	879	894	...	870·3	8
9	847	848	839	856	879	874	861	867	872	880	874	875	872	890	...	863·8	9
10	845	840	832	854	867	877	860	860	869	873	869	872	870	882	...	859·2	10
11	846	840	831	848	856	878	860	858	865	864	863	870	870	875	...	856·2	11
Noon	844	835	827	840	848	875	858	857	861	860	863	859	869	867	...	851·8	Noon
13	843	830	826	831	842	873	859	856	860	859	862	853	872	863	...	849·2	13h
14	844	835	830	828	841	872	860	858	854	860	863	856	883	863	...	849·6	14
15	844	839	837	832	847	872	865	860	852	859	863	861	888	868	...	851·8	15
16	845	844	839	855	854	871	867	863	852	859	867	868	890	873	...	855·8	16
17	848	849	840	863	858	873	870	869	856	861	867	869	895	878	...	859·6	17
18	849	851	841	868	866	872	871	871	861	866	866	873	896	880	...	861·9	18
19	849	851	843	869	868	871	871	868	862	867	865	877	896	879	...	862·3	19
20	850	850	846	870	869	869	871	869	866	868	865	880	893	878	...	·62·6	20
21	850	851	848	872	872	870	872	870	867	869	869	884	891	878	...	863·8	21
22	851	851	850	873	875	868	874	872	870	869	870	878	891	879	...	64·5	22
23	851	851	851	874	877	868	875	872	870	870	870	880	886	879	...	64·9	23

TABLE VI.—RESULTS of METEOROLOGICAL OBSERVATIONS made at the AEROLOGICAL STATION Vacoas (424·5 metres above mean sea-level) during the MONTH of NOVEMBER 1926.

Month and Day 1926	Observations at 10 a.m.								Temperature of the Air.			Amount of Cloud (Scale 0—10)	Amount of Rain measured at 10 a.m.	Duration of Bright Sunshine	Percentage of Possible Sunshine.
	Atmospheric Pressure.	Temperature of the Air.	Excess of Air Temperature over Evaporation	Temperature of the Dew Point.	Relative Humidity (Sat: 100)	Tension of Aqueous Vapour.	Wind. Direction in degrees.	Wind. Velocity.	Highest.	Lowest.	Range				
	mbs.	C	C	C	%	mbs.		m.p.s.	C	C	C		m.m.	hrs.	
1	971·6	21·4	0·1	21·2	99	24·9	270	4·9	22·5	14·2	8·3	3·1	0·0	11·7	91
2	973·9	22·1	5·1	13·2	57	15·0	259	5·3	23·6	15·5	8·1	6·0	0·0	7·0	55
3	973·2	21·2	3·0	15·9	72	17·9	270	4·7	22·9	15·8	7·1	4·9	0·5	9·1	71
4	970·6	23·2	3·9	16·4	66	18·5	247	5·3	22·9	17·5	5·4	3·4	0·7	10·5	82
5	970·8	22·9	5·3	13·6	56	15·4	247	2·7	20·9	17·1	3·8	1·4	0·0	11·5	89
6	970·1	22·0	5·2	12·9	56	14·8	293	3·1	25·7	14·2	1·5	1·4	0·0	9·7	75
7	969·6	22·2	2·5	17·8	76	20·2	281	6·7	21·5	17.2	4·3	7·3	7·7	7·2	56
8	971·8	20·6	1·2	18·5	88	21·1	270	4·5	22·0	16·0	6·0	9·5	5·1	5·4	42
9	971·2	21·9	2·8	18·7	82	21·4	281	6·7	23·4	17·3	4·1	5·0	25·5	10·2	79
10	967·6	22·5	3·0	17·2	72	19·4	236	4·0	25·0	16·1	8·9	2·7	4·2	9·9	77
11	966·9	22·2	4·1	15·0	64	16·9	247	1·3	24·3	15·6	8·7	1·7	0·1	11·0	85
12	968·8	22·7	3·6	16·4	68	18·5	270	5·3	24·2	17·5	6·7	3·3	0·4	9·1	70
13	968·9	23·9	6·0	13·5	52	15·3	270	3·1	25·2	17·0	8.2	4·4	0·4	6·9	53
14	967·2	22·9	4·0	15·8	64	17·8	259	3·6	24·6	17·0	7·6	3·4	0·0	12·0	92
15	964·7	24·8	3·8	18·3	67	20·8	247	1·8	25·3	17·7	7·6	8·5	0·0	4·9	38
16	965·1	20·2	0·3	19·7	97	22·7	259	5·3	20·7	18·5	2·2	10·0	102·9	0·0	0
17	967·0	22·1	1·1	20·2	89	23·4	259	4·9	23·6	18·3	5·3	9·5	78·7	3·2	25
18	967·8	23·6	3·2	18·0	71	20·4	270	1·8	25·0	19·2	5·8	4·6	0·0	9·7	74
19	966·7	21·8	1·2	19·7	88	22·7	293	2·2	24·2	18·9	5·3	7·0	0·0	3·6	28
20	965·6	23·2	2·2	19·4	79	22·3	247	1·4	23·3	18·4	4·9	8·1	0·0	3·4	26
21	964·0	24·5	2·8	19·7	75	22·7	225	0·6	24·3	17·1	7·2	8·4	36·0	3·2	25
22	966·1	23·9	2·0	20·4	81	23·7	225	0·6	25·7	18·6	7·1	6·7	14·5	4·2	32
23	967·7	23·7	2·9	18·7	74	21·4	247	2·3	23·7	19·2	4·5	6·3	0·2	4·5	34
24	969·3	19·9	1·8	16·6	81	18·7	270	4·5	24·7	18·4	6·3	4·2	0·0	10·7	82
25	970·8	21·9	1·5	19·2	85	22·0	293	4·0	23·3	18·6	4·7	6·3	0·0	3·9	30
26	970·3	21·5	0·5	20·6	94	24·0	259	4·9	22·3	18·1	4·2	10·0	15·0	2·4	18
27	970·3	22·2	3·1	16·8	81	18·9	247	4·5	24·3	18·0	6·3	5·3	5·0	1·2	9
28	968·4	22·7	3·3	16·9	70	19·0	247	2·7	20·9	17·3	3·6	3·4	0·0	10·9	83
29	968·1	22·9	3·2	17·3	71	19·6	247	7·1	25·3	18·6	6·7	4·3	0·0	9·3	71
30	968·2	24·6	3·5	18·6	69	21·2	247	3·1	25·6	17·9	7·7	4·2	0·0	8·3	63
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Mean	968·7	22·8	2·8	17·5	74·8	20·0	262·7°	3·9	23·6	17·3	5·9	5·5	Sum 298·9	75·0	55·2
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

EXCESS OF CERTAIN ELEMENTS AT PAMPLEMOUSSES OVER THE CORRESPONDING ELEMENTS AT VACOAS.

Mean of the month at 10 a.m.

Atmospheric Pressure	+42·2
Temperature of the Air	+ 3·0
Vapour Tension	+ 0·1
Relative Humidity	−13·7 %
Direction of Wind	1·0° N
Velocity of Wind	+0·9 m.p.s.
Amount of cloud	−0·2

Amount of rain	−196·7 m.m.
Duration of sunshine	+32·0 hrs.
Mean of highest temperatures	+3·8
Mean of lowest temperatures	+2·9
Absolute highest temperature	+3·8
Absolute lowest temperature	+3·3

*South (0); West (8); North (16); East (24).

TABLE VII.—DAILY RESULTS OF METEOROLOGICAL OBSERVATIONS made during the month of NOVEMBER 1926.

Month and Day 1926.	Atmospheric Pressure		Temperature of the Air. (in degrees Centigrade.)					Excess of Air Temp. over Evaporation Temp.	Temperature of the Dew Point. (Centigrade.)		Degree of Humidity (Saturation=100)		Elastic Force of Vapour	Lowest Temperature on the Grass. (Cent.)	Rainfall.		Amount of Evaporation	Mean Amount of Cloud Scale 0—10.
	Mean	Excess above Average	Highest	Lowest.	Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average			Amount recorded by the Beckley Pluviograph.	Duration.		
NOV.	mbs.	mbs.	c	c	c	c	c	c	c	c			mbs.	c	mm.	min.	mm.	
1	1014·0	+ 3·4	27·0	17·5	9·5	22·3	— 0·8	4·4	14·6	— 2·4	62	— 7	16·5	13·7	0·0	...	8·0	3·0
2	1015·2	+ 4·7	27·4	17·8	9·6	22·4	— 0·7	3·9	15·6	— 1·4	66	— 3	17·6	18·0	0·0	...	7·0	4·8
3	1014·0	+ 3·6	26·8	18·8	8·0	22·9	— 0·3	3·3	17·2	+ 0·1	70	+ 1	19·4	18·5	0·0	...	7·0	5·7
4	1012·2	+ 1·9	27·4	21·6	5·8	24·0	+ 0·8	3·5	18·0	+ 0·9	69	0	20·4	18·9	0·0	...	9·0	3·3
5	1012·2	+ 1·9	27·9	20·9	7·0	23·5	+ 0·2	4·0	16·6	— 0·6	65	— 4	18·7	16·7	0·0	...	8·5	2·7
6	1011·7	+ 1·5	28·6	18·0	10·6	23·0	— 0·3	4·4	15·4	— 1·8	62	— 7	17·3	15·2	0·0	...	8·0	4·2
7	1012·3	+ 2·2	27·8	19·9	7·9	23·1	— 0·3	3·0	17·9	+ 0·6	73	+ 4	20·3	18·0	0·7	6	7·2	5·4
8	1012·8	+ 2·7	27·3	20·1	7·2	22·6	— 0·8	2·2	18·8	+ 1·5	79	+ 11	21·5	18·2	3·6	70	5·6	7·0
9	1011·9	+ 1·9	27·1	20·0	7·1	22·9	— 0·6	2·8	18·0	+ 0·6	74	+ 6	20·4	17·5	6·5	307	10·3	5·8
10	1009·5	— 0·5	27·5	19·6	7·9	22·8	— 0·8	3·2	17·2	— 0·2	71	+ 3	19·4	17·2	0·2	10	7·9	3·9
11	1009·0	— 0·9	28·0	18·0	10·0	22·7	— 0·9	3·4	16·8	— 0·7	69	+ 1	18·9	15·1	0·0	...	8·6	4·2
12	1010·6	+ 0·8	26·9	20·1	6·8	23·1	— 0·6	3·0	17·7	+ 0·2	72	+ 4	20·1	17·8	0·6	12	7·4	4·7
13	1010·9	+ 1·1	27·1	19·9	7·2	23·5	— 0·2	4·0	16·6	— 1·0	65	— 3	18·7	16·6	0·0	...	8·9	2·1
14	1008·3	— 1·4	28·2	18·5	9·7	23·2	— 0·6	3·1	17·8	+ 0·2	72	+ 4	20·2	15·1	0·0	...	8·8	3·2
15	1005·8	— 3·9	28·6	21·0	7·6	24·0	+ 0·2	2·6	19·5	+ 1·8	76	+ 8	22·4	18·1	30·0	157	5·0	7·3
16	1006·4	— 3·2	23·0	20·7	2·3	22·1	— 1·8	0·6	21·0	+ 3·3	94	+ 25	24·6	20·2	43·5	655	4·0	10·0
17	1008·1	— 1·4	26·8	20·7	6·1	23·3	— 0·6	1·6	20·5	+ 2·7	85	+ 16	23·9	18·3	1·8	8	3·6	8·8
18	1008·6	— 0·9	27·9	21·5	6·4	24·2	+ 0·2	3·0	19·0	+ 1·1	73	+ 4	21·8	19·9	0·7	15	7·3	4·3
19	1007·8	— 1·6	27·0	20·2	6·8	23·3	— 0·8	1·8	20·2	+ 2·3	83	+ 14	23·4	18·3	0·0	...	5·0	6·4
20	1007·0	— 2·3	27·2	20·9	6·3	22·7	— 1·4	1·4	20·3	+ 2·3	87	+ 18	23·6	20·8	6·0	40	2·5	9·2
21	1006·5	— 2·8	27·7	20·0	7·7	23·6	— 0·6	1·8	20·5	+ 2·5	83	+ 14	23·9	20·0	1·0	7	2·8	8·4
22	1007·2	— 2·0	29·3	21·1	8·2	24·4	+ 0·1	2·2	20·6	+ 2·5	79	+ 10	24·0	20·6	1·2	10	4·2	8·0
23	1009·1	0·0	28·0	21·8	6·2	24·1	— 0·2	2·7	19·5	+ 1·3	76	+ 7	22·4	21·4	0·0	...	5·5	5·6
24	1011·5	+ 2·5	27·5	20·8	6·7	23·9	— 0·5	3·2	18·4	+ 0·1	71	+ 2	21·0	18·9	0·0	...	7·5	4·4
25	1012·6	+ 3·6	27·4	20·7	6·7	23·8	— 0·6	2·6	19·3	+ 1·0	76	+ 7	22·2	18·9	0·8	30	6·8	5·2
26	1012·1	+ 3·2	25·1	21·5	3·6	22·6	— 1·9	1·2	20·5	+ 2·1	88	+ 19	23·9	20·6	5·6	87	4·2	8·0
27	1011·8	+ 2·9	27·0	21·0	6·0	23·6	— 1·0	3·3	17·9	— 0·6	71	+ 2	20·3	17·6	0·0	...	7·0	2·8
28	1010·7	+ 1·9	27·3	20·3	7·0	23·5	— 1·1	3·1	18·1	— 0·5	72	+ 2	20·6	16·5	0·0	...	7·0	3·6
29	1010·3	+ 1·6	27·4	21·1	6·3	23·9	— 0·8	3·6	17·7	— 1·0	68	— 2	20·1	19·2	0·0	...	8·0	4·6
30	1009·5	+ 0·9	28·8	20·7	8·1	24·5	— 0·2	3·9	17·8	— 1·0	67	— 3	20·2	18·8	0·0	...	7·5	2·7
..	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	...
Mean	1010·3	+0·7	27·4	20·2	7·2	23·3	— 0·6	2·9	18·3	+ 0·5	73·9	+ 5·1	20·9	18·1	Sum 102.2	Sum 1414	6·7	5·3
Aver.	1009·6	...	28·7	19·6	9·1	23·9	...	3·6	17·8	...	68·8	...	20·2	16·5	40·2	744	6·7	4·9
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

GENERAL WEATHER CONDITIONS DURING THE MONTH OF NOVEMBER 1926.

Two marked anticyclonic systems passed the meridian of Mauritius on the 2nd and 25th and pressure rose to +4.7 mbs and +3.6 mbs in the mean for these days. The pressure difference between Mauritius and Seychelles was 8.2 mbs and 5.6 mbs respectively. During the low pressure of the 15th and 16th (3.9 aud 3.2 mbs below normal) the pressure difference was only 3·6 mbs.

Except on 5 days, temperature was generally below normal. It was below in the mean by 0.6 C.

Relative Humidity was considerably above normal on several days and 5.1% above in the mean.

High wind velocity occurred during the passage of the anticyclonic system.

Rainfall was 154% above normal at the observatory but very defective in distribution, 72% of the total monthly fall occurring on the 15th and 16th.

The percentage variations from the normal for the different districts of the Island were as follows:—

Northern Districts	River System 1,	309% above	Western Districts	River System 11	368% above
Eastern Districts	" " 2, 3, 4,	341% "		" " 12	266% "
South-Eastern Districts	" " 5 & 6	358% "		" " 13	328% "

21st February, 1927

TABLE VII.—DAILY RESULTS of METEOROLOGICAL OBSERVATIONS made during the month of NOVEMBER 1926.

Month and Day 1926.	Duration of Bright Sunshine.	Percentage of Possible Sunshine.	Wind. Components. North.	Wind. Components. East.	Wind. Resultant. Direction*.	Wind. Resultant. Velocity.	Wind. Observed Velocity. Mean.	Wind. Observed Velocity. Excess above Average.	Temperature of the Soil at a depth of. 10 Feet.	5 Feet.	2 Feet.	12 inches	6 inches	3 inches	Weather
Nov.	hrs.	%	m.p.s.	m.p.s.	°	m.p.s.	m.p.s	m.p.s	c	c	c	c	c	c	
1	11·5	90	− 0·5	+ 4·3	277	4·3	4·3	+ 0·8	24·9	24·7	25·4	25·4	25·2	25·3	b : f .
2	7·8	61	− 0·2	+ 3·5	273	3·5	3·7	+ 0·2	24·8	24·5	25·3	25·5	25·3	25·4	b : f : c .
3	7·9	62	− 0·2	+ 4·4	273	4·4	4·5	+ 1·0	24·8	24·6	25·3	25·4	25·4	25·6	f .
4	11·2	87	+ 1·3	+ 4·5	254	4·7	4·7	+ 1·2	24·8	24·9	25·4	25·7	25·8	26·3	b : f .
5	11·5	89	+ 0·9	+ 3·2	254	3·3	3·4	− 0·1	24·9	24·9	25·4	26·0	26·2	26·5	f : c : f .
6	8·2	64	− 0·5	+ 2·8	280	2·8	3·0	− 0·5	24·8	24·9	25·5	25·9	26·2	25·9	f : c : f : b : f : c :
7	10·6	82	− 1·4	+ 3·9	290	4·1	4·2	+ 0·8	24·8	24·9	25·6	26·2	26·7	26·5	b : c : f
8	8·6	67	− 1·0	+ 4·3	283	4·4	4·5	+ 1·1	24·8	24·7	25·7	26·3	26·4	26·4	f : c : f : c :
9	11·8	91	− 1·1	+ 4·4	284	4·5	4·5	+ 1·1	24·8	24·9	25·8	26·2	26·1	25·5	cg : f : c : f .
10	11·4	88	+ 0·4	+ 2·4	260	2·4	2·7	− 0·7	24·9	25·5	25·9	26·2	26·0	26·0	f .
11	12·0	93	+ 0·2	+ 2·7	266	2·7	2·8	− 0·6	24·9	24·9	25·9	26·1	26·1	26·0	f .
12	11·2	86	− 0·4	+ 4·0	276	4·0	4·2	+ 0·8	24·9	24·9	25·9	26·1	26·1	25·8	b : c : f .
13	12·3	95	− 0·7	+ 3·5	281	3·5	3·6	+ 0·2	24·8	24·9	25·9	26·1	26·0	26·0	b : f .
14	11·6	89	+ 0·3	+ 3·0	264	3·0	3·2	− 0·2	24·8	24·9	25·9	26·2	26·3	26·1	b : f : b .
15	7·3	56	+ 0·1	+ 3·2	268	3·2	3·4	0·0	24·9	25·1	26·0	26·4	26·8	26·3	b : c : ogr .
16	0·0	0	− 0·1	+ 3·2	272	3·2	3·4	0·0	24·8	24·9	26·2	25·7	24·3	23·8	og : ogr .
17	7·8	60	− 0·7	+ 4·5	279	4·5	4·8	+ 1·4	24·9	25·1	26·1	25·1	24·4	24·9	og : c .
18	11·5	88	− 1·0	+ 3·8	285	3·9	4·0	+ 0·6	24·8	24·9	25·9	25·6	25·9	26·0	og : f : b .
19	5·7	44	− 1·2	+ 2·7	294	2·9	3·0	− 0·4	24·9	25·3	25·9	26·1	26·2	26·4	b : cg f .
20	3·4	26	− 0·4	+ 2·0	281	2·0	2·4	− 1·0	24·8	25·1	25·9	26·1	26·1	26·1	og .
21	5·9	45	+ 0·6	+ 0·4	214	0·7	1·9	− 1·5	24·9	25·3	26·0	26·1	25·9	26·0	og : f : cg .
22	7·8	60	+ 1·4	+ 1·9	236	2·3	2·6	− 0·8	24·9	25·2	26·0	26·1	26·1	26·4	c
23	9·1	69	+ 0·8	+ 2·8	254	2·9	2·9	− 0·5	24·9	25·2	26·0	26·5	26·5	26·8	c : f : c f :
24	11·6	89	− 0·2	+ 4·4	273	4·4	4·5	+ 1·1	24·9	25·3	26·1	26·3	26·3	26·5	f : c : f .
25	10·5	80	− 0·9	+ 4·4	282	4·5	4·5	+ 1·1	24·8	25·2	26·1	26·2	26·5	26·7	b : c : f .
26	4·1	31	0·0	+ 4·8	270	4·8	4·9	+ 1·5	24·9	25·3	26·2	26·4	26·3	26·0	f : og : c : f .
27	11·9	91	+ 0·4	+ 4·4	265	4·4	4·5	+ 1·1	24·9	25·1	26·2	26·2	25·8	26·0	f : b : f : b .
28	11·5	87	+ 0·6	+ 3·7	261	3·7	3·8	+ 0·4	24·9	25·3	26·2	26·1	25·6	26·2	b : f : b .
29	8·8	67	+ 0·5	+ 3·6	262	3·6	3·8	+ 0·4	25·0	25·5	26·2	26·4	26·3	26·5	b : c : f
30	12·4	94	+ 0·1	+ 2·6	268	2·6	2·7	− 0·7	24·9	25·4	26·2	26·6	26·8	27·0	b : f : b .
31	...	...	...	...	...	...	...	...	...	...	..	...		...	
Mean	9·23	71·0	−0·10	+3·44	271·7	3·44	3·68	+ 0·26	24·86	25·04	25·87	26·04	24·86	26·02	...
Average	8·79	67·5	−0·25	+26·3	275·4	2·64	3·42	...	24·42	24·84	...	...	26·48	26 65	...
Column	19	20	21	22	23	24	25	26	27	28	29	30	31	32	

MEANS AND EXTREMES OF CERTAIN METEOROLOGICAL ELEMENTS DURING THE MONTH OF NOVEMBER 1926.

Element	Highest			Date	Lowest			Date
Atmospheric Pressure	1016·3mbs	at	8h	on 2nd	1004·5mbs	at	4h	on 16th
Temperature of the Air	29·3C	at	14·55	on 22nd	17·5C	at	5·30h	on 1st
Daily range of temperature of the Air...	10·6C		...	on 6th	2·3C		...	on 16th
Temperature of the Dew Point	21·9C	at 10h on the 16th&10h on the 22nd			12·4C	at	9h	on 2nd
Daily range of temperature of the Dew Point	6·3C	...	...	on 2nd	1·8C		...	on 16th & 19th
Relative humidity...	98·6%	at	1h	on 16th	41·3%	at	10h	on 2nd
Wind Velocity	7·0 m.p.s.	three times		...	0·8 mps	at	6	on 11th
Rainfall	69·3 ending		18h	on the 16th	...		...	...
Temperature of the soil at 3 ins. ...	29·4C	at	15h	on 14th	23·2C	at	6h	on 1st
, at 6 ins. ...	28·3C	at	18 & 21	on 30th	24·0C	at	6h	on 16th
Duration of sunshine...	12·4 hrs.		...	on 30th	0·0hrs.		...	on 16th
Amount of Evaporation in 24 hours	10·3mm.		...	on 9th	2·5 m.m.		...	on 20th
Vapour Tension	26·0mbs	at 10h on the 16th&10h on the 22nd			14·3 mbs	at	9h	on 2nd
Minimum on Grass	...		...	...	13·7C		...	on 1st

Number of Days Overcast, 8, Clear 5, of Rain 14, of Lightning 0, of Thunderstorm 0.

Mean Day Temperature of Air, 25·32C. Average, 26·34C. Mean Night Temperature of Air, 22·17C. Average, 21·30C.

South (ho°(1W Eastes(9°(oNor8t

TABLE VIII.—ATMOSPHERIC PRESSURE IN MILLIBARS AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(The values are corrected for temperature and for the effect of gravity, but are not reduced to sea level. (The cistern of the barometer is 55·2 metres above mean sea-level.)

NOVEMBER 1926.

When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.

Hour \ Day	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day \ Hour
Midnight	0140	0151	0152	0135	0135	0127	0125	0135	0133	0117	0096	0108	0114	0107	0065	0057	Midnight
1h	0138	0148	0147	0131	0129	0123	0121	0131	0128	0114	0092	0101	0110	0100	0057	0054	1h
2	0136	0146	0146	0123	0124	0118	0118	0126	0123	0108	0089	0099	0106	0093	0059	0050	2
3	0134	0147	0143	0119	0119	0115	0116	0123	0121	0102	0084	0100	0107	0091	0061	0046	3
4	0135	0151	0145	0121	0119	0116	0116	0126	0118	0100	0085	0101	0108	0087	0063	0045	4
5	0137	0149	0147	0121	0121	0118	0117	0127	0119	0099	0086	0104	0109	0088	0066	0048	5
6	0141	0157	0151	0124	0123	0121	0125	0132	0121	0099	0091	0108	0115	0089	0067	0052	6
7	0143	0161	0153	0127	0128	0125	0128	0136	0125	0100	0092	0111	0119	0093	0064	0062	7
8	0144	0163	0153	0128	0129	0128	0131	0139	0129	0101	0093	0110	0121	0094	0063	0066	8
9	0143	0162	0151	0131	0131	0127	0129	0139	0131	0100	0092	0111	0122	0095	0060	0069	9
10	0142	0161	0149	0126	0128	0124	0128	0134	0129	0096	0089	0110	0120	0093	0055	0071	10
11	0139	0159	0144	0122	0124	0116	0123	0128	0126	0091	0084	0109	0117	0080	0053	0069	11
Noon	0138	0154	0139	0114	0119	0111	0121	0125	0124	0087	0081	0103	0111	0066	0052	0066	Noon
13h	0131	0148	0133	0112	0113	0108	0117	0119	0116	0083	0078	0099	0101	0063	0050	0062	13h
14	0129	0147	0128	0109	0111	0103	0114	0115	0109	0079	0077	0097	0098	0068	0049	0059	14
15	0128	0141	0124	0107	0112	0102	0109	0113	0107	0078	0076	0094	0095	0073	0047	0058	15
16	0127	0138	0122	0104	0109	0101	0110	0112	0102	0077	0078	0095	0094	0078	0048	0063	16
17	0133	0139	0123	0108	0111	0102	0113	0117	0103	0080	0081	0100	0098	0079	0051	0064	17
18	0139	0145	0129	0115	0113	0109	0118	0122	0106	0088	0088	0107	0103	0081	0055	0068	18
19	0145	0152	0132	0119	0121	0117	0125	0129	0111	0092	0096	0111	0109	0082	0059	0071	19
20	0151	0156	0135	0129	0126	0122	0131	0136	0117	0096	0102	0116	0115	0080	0063	0077	20
21	0153	0158	0139	0134	0129	0127	0133	0139	0120	0099	0108	0119	0114	0078	0065	0079	21
22	0154	0157	0140	0138	0129	0129	0139	0141	0122	0100	0110	0117	0113	0075	0066	0082	22
23	0153	0156	0139	0137	0129	0127	0138	0140	0121	0100	0109	0115	0111	0070	0064	0081	23

When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.

Hour \ Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Day \ Hour
Midnight	0075	0093	0092	0086	0071	0074	0086	0104	0135	0132	0128	0116	0107	0109	...	1011·0	Midnight
1h	0075	0085	0085	0079	0066	0066	0082	0101	0130	0128	0122	0112	0100	0103	...	1010·5	1h
2	0071	0079	0080	0073	0062	0062	0078	0100	0126	0122	0117	0109	0098	0102	...	1010·1	2
3	0067	0077	0074	0071	0058	0060	0077	0099	0123	0120	0116	0108	0096	0101	...	1009·9	3
4	0069	0078	0075	0069	0057	0059	0076	0099	0122	0120	0117	0109	0097	0100	...	1009·9	4
5	0072	0081	0077	0069	0059	0061	0081	0102	0123	0121	0120	0109	0099	0100	...	1010·1	5
6	0077	0088	0078	0071	0064	0067	0085	0109	0125	0125	0124	0110	0101	0103	...	1010·5	6
7	0083	0093	0081	0075	0069	0072	0090	0111	0127	0128	0126	0111	0105	0108	...	1010·8	7
8	0089	0098	0083	0079	0071	0078	0092	0114	0128	0127	0129	0112	0107	0111	...	1011·0	8
9	0092	0099	0084	0078	0071	0081	0097	0118	0129	0126	0128	0112	0108	0108	...	1011·1	9
10	0091	0095	0083	0076	0069	0081	0098	0119	0130	0125	0125	0111	0106	0105	...	1010·9	10
11	0089	0091	0082	0072	0066	0081	0097	0116	0131	0124	0122	0107	0102	0100	...	1010·5	11
Noon	0083	0086	0076	0068	0063	0077	0094	0114	0126	0121	0119	0103	0101	0094	...	1010·1	Noon
13h	0075	0079	0071	0063	0059	0069	0087	0111	0122	0116	0116	0100	0099	0084	...	1009·6	13h
14	0070	0074	0067	0062	0057	0064	0083	0110	0119	0112	0110	0096	0094	0078	...	1009·3	14
15	0068	0072	0064	0061	0054	0063	0079	0110	0116	0108	0105	0094	0092	0073	..	1009·1	15
16	0071	0073	0061	0059	0053	0060	0080	0110	0117	0105	0104	0092	0090	0071	...	1009·0	16
17	0074	0075	0065	0059	0057	0065	0084	0114	0119	0109	0107	0095	0098	0074	...	1009·3	17
18	0080	0080	0069	0063	0064	0068	0091	0118	0122	0115	0111	0102	0101	0078	...	1009·8	18
19	0085	0084	0076	0069	0070	0075	0099	0123	0129	0121	0117	0108	0106	0088	...	1010·4	19
20	0093	0091	0081	0073	0075	0082	0106	0128	0131	0124	0118	0111	0110	0093	...	1010·9	20
21	0098	0093	0084	0074	0078	0088	0109	0131	0132	0128	0121	0114	0112	0096	...	1011·2	21
22	0099	0099	0089	0075	0079	0091	0110	0135	0135	0130	0122	0116	0116	0100	...	1011·4	22
23	0094	0096	0090	0075	0079	0089	0109	0136	0134	0129	0121	0112	0114	0100	...	1011·2	23

TABLE IX.—AMOUNT OF CLOUD at every HOUR of the DAY (0 = CLEAR SKY, 10 = OVERCAST SKY).

Hour. \ Day.	NOVEMBER 1926.																															
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d ..	Mean.
Midnight	0	0	2	2	0	3	3	8	10	6	4	1	2	1	0	10	10	10	0	9	10	8	8	3	2	2	5	2	2	1	...	4·1
1h	0	0	3	3	0	4	4	5	9	6	5	2	1	3	2	10	10	10	2	9	10	8	7	4	1	5	5	2	2	2	...	4·5
2	0	0	3	3	0	5	3	3	9	5	7	0	1	0	0	10	10	10	1	8	10	7	8	4	1	4	4	3	3	2	...	4·1
3	1	0	2	3	0	8	3	1	8	4	0	9	0	0	0	10	10	8	1	9	10	7	7	5	1	3	5	4	3	3	...	4·2
4	1	0	1	3	0	8	3	4	9	4	5	9	1	1	1	10	10	9	1	9	10	6	6	5	1	6	3	2	4	2	...	4·5
5	1	1	1	3	0	7	3	5	8	5	5	5	1	1	2	10	10	9	1	7	9	6	5	5	2	10	3	2	5	2	...	4·5
6	2	1	4	4	1	8	4	7	9	3	4	3	2	2	9	10	10	5	2	8	2	7	2	7	3	10	2	2	9	2	...	4·8
7	2	1	9	4	1	8	4	6	8	3	3	5	3	5	7	10	10	6	2	9	2	6	3	7	9	10	1	2	9	2	...	5·2
8	3	2	9	3	2	7	5	7	6	3	3	6	2	6	6	10	10	7	4	9	4	8	3	7	7	10	2	2	8	3	...	5·5
9	4	4	7	3	3	6	6	8	3	4	4	7	2	6	7	10	8	9	9	10	9	9	3	5	8	9	3	2	8	5	...	6·0
10	4	6	9	3	3	4	7	7	6	4	6	7	2	6	9	10	8	8	9	10	9	9	5	7	8	10	3	5	6	5	...	6·5
11	7	5	9	7	3	1	7	8	6	6	8	7	4	6	9	10	8	2	9	10	9	9	5	6	9	10	4	7	2	5	...	6·6
Noon	5	7	8	3	6	0	8	9	7	7	8	7	4	7	9	10	9	2	9	9	9	9	7	6	9	10	4	6	1	4	...	6·6
13h	5	8	9	4	6	1	8	9	7	7	7	7	4	7	10	10	9	2	9	9	10	9	7	5	9	9	3	7	1	5	...	6·8
14	5	9	8	4	8	0	9	8	6	5	6	7	3	3	10	10	7	1	10	10	9	8	9	5	9	7	3	7	2	5	...	6·4
15	4	9	6	5	7	1	9	9	6	3	4	7	3	3	10	10	7	1	10	10	9	8	9	6	9	9	4	6	5	4	...	6·4
16	5	9	7	6	6	1	9	9	5	3	4	6	3	4	10	10	7	1	10	10	9	8	9	5	8	9	4	6	8	4	...	6·5
17	7	9	8	6	5	1	8	10	4	3	3	5	3	5	10	10	8	2	9	10	9	9	9	3	6	10	3	5	9	4	...	6·4
18	8	9	9	4	4	2	4	4	3	3	3	4	3	4	10	10	9	2	9	10	9	9	7	2	4	10	2	4	9	4	...	5·8
19	5	8	8	3	3	4	3	5	2	2	5	3	3	3	10	10	7	2	9	9	8	9	6	1	3	10	2	3	7	2	...	5·2
20	2	9	6	2	2	7	2	7	1	2	2	2	2	2	10	10	9	1	8	8	9	8	4	1	2	10	1	2	4	1	...	4·5
21	0	8	3	2	1	9	3	9	0	1	1	2	1	1	10	10	10	1	7	9	9	9	1	3	2	7	1	2	1	0	...	4·1
22	0	6	3	1	1	2	5	9	4	3	2	1	1	0	10	10	8	0	8	10	9	7	3	2	4	6	1	2	1	0	...	4·0
23	0	3	3	0	1	5	6	9	5	3	3	0	0	1	10	10	8	1	9	10	9	8	4	2	8	4	1	1	1	0	...	4·2

TABLE X.—DURATION of BRIGHT SUNSHINE at every HOUR of the DAY as recorded by the CAMPBELL-STOKES SUNSHINE RECORDER.

Hour* Ending \ Day.	NOVEMBER 1926.																															
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d ...	Total.
	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	hrs.
6h	0	9	5	0	0	0	0	0	0	0	10	0	6	2	0	0	0	4	12	9	9	2	12	0	2	0	11	4	0	14	...	1·9
7	45	60	14	24	46	3	30	24	26	53	58	34	59	59	30	0	0	40	59	50	60	53	60	40	7	10	60	55	0	60	...	18·7
8	60	60	25	59	60	9	50	32	60	45	55	60	60	53	60	0	0	55	53	4	60	23	50	60	50	17	60	60	10	60	...	21·8
9	60	60	16	60	60	14	58	55	60	60	60	60	60	56	60	0	31	32	35	25	50	53	58	60	60	10	60	60	54	60	...	24·1
10	60	57	56	60	60	10	60	50	60	45	60	60	60	60	59	0	39	60	50	12	27	40	60	60	55	48	55	60	58	60	...	25·0
11	60	60	58	60	60	50	60	57	60	58	60	58	60	60	46	0	59	60	45	26	10	26	60	60	47	23	60	57	60	60	...	25·3
Noon	60	60	15	60	60	60	60	50	60	60	60	49	60	60	26	0	47	60	10	35	0	40	60	60	59	0	60	60	60	60	...	23·5
13h	60	58	53	60	60	60	60	55	60	60	60	55	60	60	48	0	48	60	15	45	0	55	54	60	58	10	60	60	60	60	...	25·2
14	60	9	34	60	51	60	60	60	60	60	60	58	60	60	53	0	58	60	14	0	4	10	38	60	57	12	60	60	60	60	...	22·6
15	60	4	60	55	52	60	60	53	60	60	60	56	60	60	30	0	55	60	12	0	25	55	18	60	58	56	58	60	60	60	...	23·8
16	58	5	58	55	60	60	46	48	60	59	60	56	60	60	28	0	45	60	13	0	42	60	30	60	56	11	54	42	60	60	...	22·8
17	50	29	54	60	60	60	30	30	60	60	60	60	60	58	0	0	30	60	13	0	14	32	0	60	56	50	46	54	45	60	...	20·9
18	55	0	25	58	60	48	55	0	60	60	50	58	60	49	0	0	39	60	12	0	50	18	42	50	60	0	58	51	0	60	...	19·0
19	1	0	0	0	1	0	7	0	25	2	10	5	13	0	0	0	16	18	1	0	0	0	2	5	5	0	12	7	0	10	...	2·3

The total amount of registered sunshine was 276·9 hours and the total possible sunshine 390·1 hours.
* Reckoned from apparent midnight.

TABLE XI.—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(*To obtain temperatures on the Absolute Scale add* 273)

NOVEMBER 1926.

Hour. \ Day.	1d. Air.	1d. Excess of Air over Evap.	2d. Air.	2d. Excess of Air over Evap.	3d. Air.	3d. Excess of Air over Evap.	4d. Air.	4d. Excess of Air over Evap.	5d. Air.	5d. Excess of Air over Evap.	6d. Air.	6d. Excess of Air over Evap.	7d. Air.	7d. Excess of Air over Evap.	8d. Air.	8d. Excess of Air over Evap.	Day. / Hour.
Midnight	18·3	2·3	20·3	2·5	21·3	2·4	22·0	2·0	22·3	2·0	20·7	3·0	20·9	1·1	20·3	0·9	Midnight
1h	17·9	2·5	20·5	3·2	20·9	2·5	21·9	2·0	21·9	1·7	20·7	3·0	20·4	1·2	20·4	1·0	1
2	17·8	2·4	20·0	3·1	20·8	2·7	21·9	2·0	21·7	1·8	20·5	2·8	20·7	1·2	20·7	0·8	2
3	18·0	2·7	18·9	2.4	20·7	2·8	21·8	2·1	21·5	1·8	20·4	2·6	20·5	0·9	20·8	0·9	3
4	18·0	2·5	17·8	1.6	20·2	2·5	21·9	2·1	21·4	2·0	19·9	2·5	20·8	1·2	20·6	0·8	4
5	18·1	2·5	17·7	1.7	19·3	2·0	21·9	2·1	21·4	2·1	19·1	2·1	20·1	1·0	20·3	0·6	5
6	18·3	2·3	18·0	1.9	18·9	2·0	21·9	2·0	21·2	2·2	18·8	2·1	20·0	1·1	20·7	0·9	6
7	22·0	3·4	22·9	5.0	21·6	3·5	22·9	2·8	24·2	5·3	21·0	3·1	22·0	1·6	22·0	1·5	7
8	23·7	4·5	24·8	6.9	24·4	4·6	25·6	5·5	24·7	5·2	23·5	5·9	23·4	3·1	22·7	1·8	8
9	24·5	5·4	25·3	7.6	25·2	4·8	25·9	5·6	25·9	5·2	24·9	7·1	25·9	5·5	25·0	3·9	9
10	25·1	5·9	26·8	8.5	25·5	4·9	26·0	5·3	26·3	5·6	24·9	6·8	26·5	5·8	25·6	4·4	10
11	25·6	6·6	26·7	7.4	26·4	5·5	26·3	5·2	26·7	5·2	26·8	8·3	26·0	5·5	26·6	5·3	11
Noon	26·2	7·0	25·9	6.5	25·1	3·8	26·5	5·3	26·3	5·2	27·1	7·7	27·0	6·1	26·3	5·0	Noon
13h	27·0	7·4	25·6	5.7	25·1	4·1	26·7	5·0	26·5	5·2	27·2	7·7	27·0	6·2	26·0	4·6	13
14	26·9	7·8	21·9	2·3	25·1	4·9	26·5	5·1	26·3	5·2	27·1	7·8	27·1	6·3	27·3	5·9	14
15	26·1	6·7	24·4	4·5	26·0	5·8	26·4	5·2	26·5	6·6	26·9	7·7	26·9	6·0	24·3	2·9	15
16	25·0	5·8	24·9	5·1	23·9	2·9	25·8	5·1	25·4	6·3	26·4	7·2	24·9	4·0	23·9	2·5	16
17	24·4	5·3	24·0	4·6	23·5	2·6	24·9	4·1	24·9	6·0	25·3	6·2	23·0	2·3	21·6	0·4	17
18	22·9	4·0	23·3	3·5	23·2	2·3	23·9	3·9	23·7	4·7	23·5	4·2	23·1	2·8	21·1	1·6	18
19	22·2	3·7	21·4	1·5	23·0	2·4	23·6	3·2	22·3	3·7	22·4	2·6	22·3	2·1	21·2	1·9	19
20	21·8	3·6	21·9	2·0	22·8	2·4	23·3	2·7	20·9	3·0	21·3	2·8	22·1	2·1	21·2	1·8	20
21	21·4	3·5	21·8	2·1	22·5	2·4	22·9	2·2	21·0	3·3	21·4	1·7	21·9	1·4	20·6	0·7	21
22	21·3	3·5	21·6	2·2	22·4	2·3	22·7	2·1	20·9	3·2	20·9	1·1	21·1	1·2	21·0	1·6	22
23	21·1	3·8	21·4	2·2	22·2	2·2	22·5	2·0	20·9	3·2	21·1	1·2	20·7	1·3	21·0	1·8	23

Hour. \ Day.	9d. Air	9d. Excess of Air over Evap.	10d. Air.	10d. Excess of Air over Evap.	11d. Air.	11d. Excess of Air over Evap.	12d. Air.	12d. Excess of Air over Evap.	13d. Air.	13d. Excess of Air over Evap.	14d. Air.	14d. Excess of Air over Evap.	15d. Air.	15d. Excess of Air over Evap.	16d. Air.	16d. Excess of Air over Evap.	Day / Hour
Midnight	20·9	1·0	20·6	1·0	20·2	1·2	20·3	1·1	21·3	1·9	20·2	1·4	21·6	1·2	21·8	0·7	Midnight
1h	20·8	0·9	20·0	0·7	19·5	1·1	20·2	1·1	21·5	2·4	19·0	1·0	21·8	1·3	21·3	0·1	1h
2	20·1	0·5	20·1	0·8	18·9	1·0	20·4	1·4	20·9	1·9	18·8	1·1	21·1	0·9	22·4	0·4	2
3	20·4	0·7	19·7	0·8	18·8	1·1	20·8	1·2	20·0	1·3	18·7	1·0	21·1	0·7	22·6	0·6	3
4	20·6	0·8	19·9	1·0	18·1	0·7	20·2	0·7	20·1	1·4	18·8	1·0	21·0	1·0	22·6	0·6	4
5	20·2	0·5	19·9	0·8	18·0	0·7	20·3	1·2	20·1	1·3	18·6	0·8	21·0	1·0	22·5	0·6	5
6	20·3	0·7	19·8	0·9	18·8	0·7	20·6	1·4	20·4	2·2	18·9	0·8	21·4	0·6	22·8	1·0	6
7	21·4	1·0	22·9	2·5	22·8	2·7	22·2	1·8	23·8	4·7	23·3	2·6	23·8	2·3	22·9	0·9	7
8	23·4	2·9	23·5	3·1	24·0	4·3	23·7	3·3	25·0	5·1	23·6	3·0	25·7	4·1	22·6	0·7	8
9	24·2	3·6	25·1	4·8	25·1	4·6	25·0	4·8	25·9	6·1	25·8	5·0	26·5	4·7	22·5	0·5	9
10	26·0	5·3	25·9	5·5	26·3	6·3	25·0	4·3	26·8	7·6	26·8	5·6	27·7	5·8	22·4	0·3	10
11	26·1	5·5	26·1	5·6	26·7	6·8	25·5	4·5	27·0	7·2	26·6	5·7	27·9	5·6	22·2	0·5	11
Noon	25·6	4·9	26·6	6·2	26·7	6·2	26·4	5·2	25·9	5·9	27·0	5·9	27·6	5·4	22·6	0·7	Noon
13h	26·5	5·7	26·4	5·8	26·9	6·3	26·4	5·5	26·7	6·8	27·4	6·2	27·8	5·6	22·6	0·7	13
14	26·6	5·9	26·6	5·8	27·0	6·9	26·0	5·3	27·0	7·0	28·0	6·2	27·4	5·3	21·8	0·5	14
15	26·7	6·1	26·6	6·1	26·9	7·8	25·3	4·8	27·0	7·0	26·5	5·5	26·9	5·1	22·3	0·5	15
16	25·6	5·3	25·9	5·9	26·0	6·6	26·1	5·5	26·6	6·6	26·0	5·1	25·3	3·5	22·0	0·5	16
17	24·3	4·5	25·1	5·4	25·0	5·3	24·6	4·0	25·4	6·1	24·7	4·0	24·9	3·3	21·9	0·7	17
18	23·2	3·3	23·5	3·6	23·8	3·9	23·6	3·0	24·0	4·4	24·0	3·3	24·0	2·9	21·7	0·6	18
19	21·8	2·0	21·8	2·8	22·7	2·7	22·7	2·8	22·9	3·0	23·2	2·6	22·0	0·5	21·7	0·6	19
20	21·4	1·7	21·0	2·1	21·6	1·6	22·1	2·3	22·0	1·9	22·5	2·0	22·1	0·6	21·7	0·7	20
21	20·8	1·3	20·2	1·5	21·0	1·6	22·0	2·3	21·8	1·8	22·3	1·8	22·2	0·6	21·3	0·5	21
22	21·0	1·5	20·0	1·4	20·5	1·4	21·9	2·1	21·6	1·7	22·1	1·6	22·1	0·6	21·0	0·5	22
23	21·0	1·4	19·9	1·5	20·2	1·2	21·8	2·0	21·0	2·0	22·2	1·5	22·0	0·5	20·8	0·4	23

TABLE XI. (*Contd.*)—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(*To obtain temperatures on the Absolute Scale add 273*)

NOVEMBER 1926

Day / Hour	17d.		18d.		19d.		20d.		21d.		22d.		23d.		24d.		Day / Hour
	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	
Midnight	20·7	0·6	22·8	0·8	21·6	1·4	21·8	1·0	21·1	0·5	21·8	0·9	23·3	1·3	21·7	1·7	Midnight
1h	21·0	0·4	22·7	0·7	21·0	1·0	21·6	1·1	21·1	0·4	21·3	0·7	22·4	0·9	21·6	1·6	1h
2	21·3	0·5	22·2	0·7	20·9	1·0	21·4	0·8	21·0	0·3	21·1	0·6	22·6	1·0	20·9	1·1	2
3	21·4	0·5	22·1	0·6	20·9	1·0	21·0	0·6	20·9	0·5	21·5	0·7	22·4	1·2	21·2	1·2	3
4	21·5	0·6	22·1	0·9	20·3	0·7	21·0	0·9	20·5	0·5	21·2	0·5	22·2	1·0	21·4	1·5	4
5	21·7	0·7	21·7	0·8	20·3	0·6	21·0	0·9	20·7	0·7	21·7	0·6	22·1	1·0	21·1	1·2	5
6	22·0	0·7	21·8	0·8	21·1	0·9	21·1	0·9	20·1	0·2	21·6	0·4	23·0	1·4	21·1	0·7	6
7	22·4	0·7	24·0	2·1	24·2	2·5	23·1	1·9	23·8	1·9	24·0	1·6	24·3	2·4	23·9	2·6	7
8	22·0	0·4	24·7	3·0	24·5	3·1	22·5	1·0	24·8	2·4	24·4	1·7	24·4	2·8	24·9	3·8	8
9	22·0	0·2	25·7	4·2	25·8	3·9	24·4	2·4	25·9	3·0	26·4	2·9	25·8	3·9	26·4	5·0	9
10	24·3	2·3	26·3	5·0	25·7	4·0	24·8	3·2	26·7	3·4	25·8	2·3	26·1	3·9	26·1	4·7	10
11	24·7	2·7	26·8	5·4	25·6	3·7	26·0	3·5	25·5	2·7	26·9	3·8	26·9	4·7	26·9	5·6	11
Noon	25·8	3·1	27·3	5·8	26·0	3·5	26·7	4·0	25·0	2·2	26·9	4·0	27·2	4·6	26·8	5·3	Noon
13h	26·0	3·8	27·7	6·6	26·0	4·1	26·1	3·7	24·8	2·1	27·3	4·0	26·9	4·4	26·8	6·0	13h
14	25·9	3·6	27·4	6·0	25·7	3·9	24·2	1·9	26·1	2·9	27·2	4·1	26·1	4·2	26·7	5·7	14
15	26·5	4·1	27·6	5·9	25·8	3·7	22·6	0·6	26·9	3·3	28·9	5·5	26·4	4·7	26·7	5·7	15
16	24·8	2·7	26·8	5·8	25·0	3·2	22·9	0·9	26·9	3·6	27·8	4·9	25·5	3·7	26·0	5·2	16
17	24·7	2·8	25·8	4·8	24·3	2·5	22·8	0·9	26·7	3·3	26·3	3·5	24·8	3·5	25·2	4·5	17
18	24·0	2·3	24·3	3·5	23·6	2·2	22·3	0·8	24·9	2·4	25·1	2·1	24·3	3·3	24·0	3·4	18
19	22·7	1·6	23·0	2·2	22·3	1·3	21·6	0·7	23·1	1·5	24·2	1·7	23·2	2·6	22·9	2·5	19
20	22·7	1·7	22·5	1·8	22·2	1·2	21·6	0·7	22·5	1·4	23·9	1·8	22·7	2·0	22·4	2·2	20
21	23·1	1·3	22·3	1·7	21·8	0·9	21·5	0·6	22·4	1·3	23·8	1·7	22·9	2·2	22·7	2·1	21
22	23·0	1·1	22·1	1·7	21·7	0·8	21·4	0·6	22·1	1·2	23·8	1·7	22·2	1·9	22·6	2·0	22
23	22·9	1·0	21·9	1·6	22·0	2.0	21·4	0·6	21·7	0·9	23·0	1·0	21·9	1·8	22·3	1·5	23

Day / Hour.	25d.		26d.		27d.		28d.		29d.		30d.		31d.		Mean		Day. / Hour
	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Excess of Air over Evap.	Air.	Air.	Excess of Air over Evap.	
Midnight	22·5	1·7	21·9	0·8	22·3	1·5	21·1	1·6	21·7	1·2	21·9	2·3	...	...	21·3	1·4	Midnight
1h	22·2	1·6	21·8	0·9	22·1	2·0	20·9	1·5	21·6	1·1	21·3	1·7	...	...	21·0	1·3	1h
2	21·5	1·4	21·8	0·9	21·8	1·9	21·1	1·5	21·6	1·2	21·1	1·4	...	...	20·9	1·3	2
3	20·9	1·1	22·0	0·9	21·7	1·8	20·3	1·3	21·7	1·1	21·1	1·6	...	...	20·8	1·3	3
4	20·9	0·9	21·7	0·7	21·5	1·6	19·8	1·0	21·7	1·2	20·9	1·3	...	...	20·6	1·2	4
5	21·5	0·9	21·9	0·8	21·1	1·3	19·5	1·1	21·2	1·1	20·8	1·1	...	...	20·5	1·1	5
6	21·4	0·7	21·6	0·4	21·8	1·7	19·6	0·9	22·1	1·5	22·2	2·5	...	...	20·7	1·2	6
7	22·8	1·2	22·1	0·5	23·8	3·3	23·4	2·6	22·8	1·7	24·5	4·6	...	...	23·0	2·5	7
8	24·9	3·2	22·9	0·8	24·9	4·0	24·9	4·0	24·2	3·8	25·9	5·9	...	...	24·1	3·4	8
9	26·1	4·0	23·3	1·0	25·0	4·3	26·1	4·7	24·9	4·1	26·9	6·4	...	...	25·2	4·4	9
10	26·4	4·5	23·8	1·3	25·7	4·9	26·5	5·7	26·3	5·8	26·9	6·0	...	...	25·8	4·8	10
11	24·8	2·9	22·9	0·8	26·1	5·2	26·6	5·2	26·6	6·0	27·9	6·9	...	...	26·1	5·0	11
Noon	25·7	3·6	22·6	0·7	26·2	5·3	26·3	5·5	26·9	6·4	27·8	6·0	...	...	26.2	4·9	Noon
13h	26·1	4·0	24·0	1·3	26·4	5·4	26·8	5·7	26·9	6·3	28·0	6·1	...	...	26·4	5·1	13h
14	26·9	5·0	24·2	2·3	26·8	6·2	26·1	4·8	27·1	6·7	27·8	5·7	...	...	26·2	5·0	14
15	26·2	4·5	24·8	3·0	26·1	4·8	25·9	4·7	26·4	6·1	27·9	5·8	...	...	26·1	4·9	15
16	25·8	4·3	24·6	3·0	25·2	4·4	25·3	4·2	26·0	5·9	27·9	5·9	...	...	25·5	4·5	16
17	25·4	3·5	24·0	2·1	24·5	4·1	24·9	3·8	25·1	5·1	26·5	5·2	...	...	24·6	3·8	17
18	24·4	3·4	22·5	1·2	23·9	3.9	24·1	3·2	24·5	4·7	24·9	4·0	...	...	23·6	3·0	18
19	23·7	2·9	22·2	1·3	22·9	2·8	23·5	3·0	23·4	3·5	23·9	3·4	...	...	22·7	2·3	19
20	23·1	2·5	22·3	1·4	22·1	2·3	22·9	2·5	22·6	2·8	23·4	2·9	...	...	22·2	2·0	20
21	22·9	2·1	21·9	1·2	21·9	2·2	22·8	2·4	22·5	2·7	22.8	2·4	...	..	22·0	1·8	21
22	22·5	1·5	21·0	0·3	21·5	1·9	22·7	2·2	22·5	2·8	22·6	2·6	...	...	21·8	1·7	22
23	22·4	1·3	21·3	0·7	21·3	1·8	22·3	1·7	22·3	2·6	22·4	2·5	...	...	21·6	1·6	23

TABLE XII.—NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(*The results are increased by* 90 *in order to obviate the necessity for signs. The unit in the table is* 0·1 *metre.*)

NOVEMBER 1926.

Day. / Hour.	1d.		2d.		3d.		4d.		5d.		6d.		7d.		8d.		Day. / Hour
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	893	916	894	930	900	934	908	941	904	918	894	915	885	923	886	934	Midnight
1h	893	915	896	921	908	940	900	938	904	918	895	912	890	915	900	938	1h
2	892	920	893	916	900	937	900	946	904	919	896	910	890	924	889	927	2
3	890	923	890	924	900	932	900	941	900	926	896	910	890	915	887	934	3
4	890	924	889	926	900	932	907	932	900	919	893	917	886	921	888	931	4
5	892	920	891	921	896	918	900	938	900	920	893	917	890	915	891	922	5
6	891	922	892	918	896	919	900	944	900	926	887	919	890	915	895	922	6
7	892	939	900	934	891	921	900	954	916	939	888	918	884	939	887	932	7
8	889	955	911	953	889	952	923	955	919	947	912	931	882	944	892	941	8
9	900	960	911	954	888	958	921	952	918	943	907	932	879	952	891	944	9
10	900	969	920	948	900	961	923	955	920	949	882	943	888	959	900	954	10
11	914	967	918	943	900	959	926	963	920	948	900	942	887	962	886	969	11
Noon	900	957	918	945	900	964	924	957	921	951	918	945	900	953	900	961	Noon
13h	889	952	910	948	900	960	922	954	920	948	900	944	887	964	900	957	13h
14	900	957	880	948	900	955	924	958	914	936	890	948	889	954	887	964	14
15	900	956	884	940	900	962	924	957	924	957	891	943	878	953	875	961	15
16	900	953	900	960	900	961	924	958	917	942	917	941	879	951	888	958	16
17	900	959	900	944	889	954	922	952	916	940	891	944	884	939	912	957	17
18	900	961	891	944	884	939	920	948	913	934	887	934	885	938	881	946	18
19	892	939	889	926	887	934	915	938	904	921	888	919	876	936	887	934	19
20	891	943	890	925	892	939	912	930	900	914	890	914	878	933	888	930	20
21	893	933	888	930	900	941	910	924	900	918	900	926	882	943	884	940	21
22	892	937	891	921	908	941	910	925	900	918	883	926	886	935	886	936	22
23	892	937	894	927	909	943	904	921	894	913	887	919	891	946	887	932	23

Day. / Hour.	9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	N.	E.	N.	E.	
Midnight	891	943	893	916	897	917	897	916	890	924	892	918	893	916	889	929	Midnight
1h	892	937	893	909	896	918	893	915	900	927	895	911	892	920	907	936	1h
2	885	937	893	909	897	916	891	921	900	926	894	914	893	916	913	919	2
3	887	933	897	913	898	911	887	919	900	922	893	915	890	925	909	921	3
4	892	937	896	919	898	911	895	924	891	922	893	916	891	922	905	926	4
5	900	940	893	916	898	912	889	929	886	921	893	916	891	922	900	936	5
6	892	939	893	916	898	908	888	931	890	923	893	917	890	923	900	940	6
7	890	947	893	916	896	918	891	943	884	939	892	919	887	934	900	933	7
8	888	958	905	922	911	928	887	962	890	951	913	934	908	941	900	928	8
9	886	968	922	932	914	936	900	963	890	951	917	943	907	936	900	937	9
10	887	965	923	935	916	939	900	962	891	944	909	943	916	939	909	942	10
11	887	964	924	936	917	942	912	959	900	945	910	951	917	943	900	944	11
Noon	886	969	923	935	916	940	913	963	900	947	917	941	916	940	908	937	Noon
13h	877	956	917	941	910	951	910	951	900	948	918	944	924	936	915	938	13h
14	876	957	916	940	909	943	911	954	900	950	917	943	914	935	909	944	14
15	888	958	917	943	900	951	912	957	900	943	920	948	913	934	900	942	15
16	889	953	915	937	900	944	888	959	890	951	919	947	911	926	900	933	16
17	888	958	900	936	900	943	900	953	890	949	914	935	909	943	890	923	17
18	887	934	893	933	893	932	891	942	886	936	900	935	900	941	889	926	18
19	889	927	894	928	892	919	889	928	892	920	900	932	881	946	889	927	19
20	892	919	896	918	895	925	890	925	889	926	894	927	889	916	888	930	20
21	892	918	897	915	897	914	894	930	889	928	895	926	900	933	888	930	21
22	891	922	898	911	898	912	893	933	887	932	895	924	900	936	888	919	22
23	892	920	899	907	896	918	894	929	893	916	895	922	886	934	878	933	23

TABLE XII.—(*Contd.*) NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(*The results are increased by* 90 *in order to obviate the necessity for signs. The unit in the table is* 0·1 *metre.*)

NOVEMBER 1926.

Day. / Hour.	17d.		18d.		19d.		20d		21d.		22d.		23d.		24d.		Day / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	886	922	893	934	887	919	891	921	896	907	896	909	908	910	900	922	Midnight
1h	886	936	892	937	890	915	885	923	895	907	896	909	907	909	900	930	1h
2	886	936	891	942	891	913	900	935	896	906	893	917	906	913	900	923	2
3	883	941	893	934	892	910	900	926	895	907	896	909	906	914	900	929	3
4	883	942	893	932	890	915	885	924	893	909	895	912	907	915	900	935	4
5	883	943	892	920	890	914	885	915	895	907	893	917	904	918	900	923	5
6	882	944	893	916	890	914	886	914	894	908	896	910	903	917	900	923	6
7	882	943	893	932	885	923	890	925	893	909	900	918	906	928	910	950	7
8	909	943	900	946	889	929	895	923	904	918	909	922	914	935	900	963	8
9	912	957	900	953	887	932	906	928	911	916	920	920	916	939	900	957	9
10	911	956	900	954	872	941	910	925	923	915	922	922	914	936	900	969	10
11	912	961	900	955	883	941	922	933	921	904	933	922	915	938	900	964	11
Noon	912	958	889	953	889	928	922	932	929	906	933	922	913	933	900	963	Noon
13h	911	954	889	955	900	945	926	926	908	889	935	923	915	938	900	961	13h
14	912	959	890	950	891	943	900	922	928	881	937	925	915	938	900	964	14
15	900	956	889	955	886	934	886	914	932	878	943	918	914	936	900	960	15
16	890	951	879	951	883	941	886	914	929	889	944	918	907	936	900	960	16
17	879	952	881	947	886	936	891	909	920	887	927	918	908	940	900	958	17
18	881	946	884	940	886	935	889	911	915	890	911	927	907	933	890	950	18
19	885	938	888	931	883	926	881	919	915	890	911	928	900	931	892	937	19
20	884	939	886	921	885	924	889	911	891	922	908	920	900	925	886	934	20
21	884	940	886	922	888	931	889	911	886	914	904	921	900	929	888	931	21
22	885	937	884	924	891	921	889	916	885	915	913	920	900	926	893	936	22
23	838	931	888	919	894	914	892	911	888	918	912	918	900	925	896	921	23

Day. / Hour	25d.		26d.		27d.		28d		29d.		30d.		31d.		Mean.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	N.	E.	N.	E.	
Midnight	895	923	891	944	900	944	894	927	894	928	900	923	...	...	895	924	Midnight
1h	900	922	892	939	900	958	894	928	895	922	900	928	...	...	896	924	1h
2	900	918	892	939	900	943	893	932	893	934	900	910	...	...	896	924	2
3	900	918	884	939	900	938	897	914	895	924	900	915	...	...	895	923	3
4	900	914	885	938	900	943	896	919	894	930	900	920		...	894	924	4
5	893	917	887	934	900	930	897	915	893	916	900	917	...	...	894	922	5
6	892	919	894	929	900	936	896	918	890	924	897	914	...	...	894	922	6
7	890	925	893	935	900	948	900	926	900	939	891	921	...	...	894	932	7
8	900	950	908	941	900	957	909	943	920	948	889	926	...	...	902	942	8
9	890	947	912	957	900	952	917	942	921	952	914	936	...	...	905	945	9
10	878	954	911	952	923	956	917	941	924	957	917	941	...	...	907	948	10
11	900	955	912	961	918	944	922	953	927	965	911	929	...	...	910	949	11
Noon	887	963	900	963	920	949	920	948	918	943	914	935	...	...	910	947	Noon
13h	900	966	911	955	921	951	921	950	920	948	914	935	.	...	909	946	13
14	900	964	913	963	918	944	919	946	920	948	908	937	..	...	906	946	13
15	887	966	912	960	921	951	912	957	924	958	900	929	...	...	904	946	14
16	887	963	913	965	911	956	919	946	913	934	905	925	...	...	903	944	15
17	886	971	911	952	900	951	912	958	906	927	900	944	...	...	900	943	16
18	880	949	909	945	900	946	900	944	900	934	900	941		...	895	937	17
19	881	946	900	958	892	937	900	944	894	928	893	934	...	...	893	931	18
20	889	952	900	952	892	937	900	937	894	927	893	916	...	...	892	928	19
21	891	948	890	951	894	931	900	938	894	929	892	920	...	...	893	929	20
22	881	946	891	946	895	922	900	931	894	929	894	915	...	...	893	927	21
23	891	943	891	943	893	935	900	931	900	924	895	911	...	...	894	925	22

TABLE XIII.—DIRECTION and VELOCITY of the WIND at every HOUR of the DAY as recorded by the ROBINSON CUP ANEMOMETER, during OCTOBER 1926.

The directions are given in points and the values indicate the direction from which the wind blows counting from South (0), West (8), North (16) and East (24).

The Velocities are given in Metres per second, using the factor 2·2.

*(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk *).*

NOVEMBER 1926.

Hour	1d. Dir.	1d. Vel.	2d. Dir.	2d. Vel.	3d. Dir.	3d. Vel.	4d. Dir.	4d. Vel.	5d. Dir.	5d. Vel.	6d. Dir.	6d. Vel.	7d. Dir.	7d. Vel.	8d. Dir.	8d. Vel.
Midnight	26	1·8	25	3·1	24	3·4	23	4·2	23	1·8	26	1·6	27	2·7	26	3·7
1h	26	1·7	25	2·2	23	4·1	24	3·8	23	1·8	26	1·3	27	1·8	24	3·8
2	26	2·2	26	1·8	24	3·7	24	4·6	23	1·9	26	1·1	26	2·6	26	2·9
3	26	2·5	26	2·6	24	3·2	24	4·1	24	2·6	26	1·1	27	1·8	26	3·6
4	26	2·6	26	2·8	24	3·2	23	3·3	24	1·9	26	1·9	27	2·5	26	3·3
5	26	2·2	26	2·3	25	1·8	24	3·8	24	2·0	26	1·9	27	1·8	26	2·4
6	26	2·4	26	2·0	25	1·9	24	4·4	24	2·6	27	2·3	27	1·8	25	2·3
7	25	4·0	24	3·4	26	2·3	24	5·4	22	4·2	27	2·1	26	4·2	26	3·4
8	25	5·6	23	5·4	25	5·3	22	6·0	22	5·1	22	3·3	26	4·8	25	4·2
9	24	6·0	23	5·5	25	5·9	22	5·6	22	4·7	23	3·3	26	5·6	25	4·5
10	24	6·9	22	5·2	24	6·1	22	6·0	22	5·3	26	4·7	25	6·0	24	5·4
11	23	6·8	22	4·7	24	5·9	22	6·8	22	5·2	24	4·2	25	6·3	25	7·0
Noon	24	5·7	22	4·9	24	6·4	22	6·2	22	5·5	22	4·9	24	5·3	24	6·1
13h	25	5·3	23	4·9	24	6·0	22	5·9	22	5·2	24	4·4	25	6·5	24	5·7
14	24	5·7	26	5·2	24	5·5	22	6·3	22	3·9	25	4·9	25	5·5	25	6·5
15	24	5·6	26	4·3	24	6·2	22	6·2	22	6·2	25	4·4	26	5·8	26	6·6
16	24	5·3	24	6·0	24	6·1	22	6·3	22	4·5	22	4·4	26	5·5	25	5·9
17	24	5·9	24	4·4	25	5·5	22	5·7	22	4·3	25	4·5	26	4·2	23	5·8
18	24	6·1	25	4·5	26	4·2	22	5·2	22	3·6	26	3·6	26	4·1	26	5·0
19	25	4·0	26	2·8	26	3·6	22	4·1	23	2·2	27	2·2	27	4·3	26	3·6
20	25	4·4	26	2·7	25	4·0	22	3·2	24	1·4	27	1·7	27	4·0	26	3·2
21	25	3·4	26	3·2	24	4·1	22	2·6	24	1·8	24	2·6	26	4·7	26	4·3
22	25	3·8	26	2·3	23	4·2	22	2·7	24	1·8	27	3·1	26	3·8	26	3·9
23	25	3·8	25	2·8	23	4·4	23	2·2	26	1·4	27	2·3	25	4·7	26	3·4

Hour	9d.* Dir.	9d.* Vel.	10d.* Dir.	10d.* Vel.	11d. Dir.	11d. Vel.	12d. Dir.	12d. Vel.	13d. Dir.	13d. Vel.	14d. Dir.	14d. Vel.	15d. Dir.	15d. Vel.	16d.* Dir.	16d.* Vel.
Midnight	25	4·4	26	1·8	25	1·7	25	1·6	26	2·6	26	2·0	26	1·8	26	3·1
1h	25	3·8	27	1·1	25	1·8	26	1·7	24	2·7	26	1·2	26	2·2	23	3·7
2	26	4·0	27	1·1	25	1·6	26	2·3	24	2·6	26	1·5	26	1·8	21	2·3
3	26	3·5	25	1·3	25	1·1	27	2·3	24	2·2	26	1·7	26	2·7	22	2·3
4	25	3·8	25	1·9	25	1·1	25	2·5	26	2·4	26	1·8	26	2·4	23	2·7
5	24	4·0	26	1·8	25	1·2	26	3·1	27	2·5	26	1·8	26	2·4	24	3·6
6	25	4·0	26	1·8	25	0·8	26	3·3	26	2·5	26	1·9	26	2·5	24	4·0
7	25	4·8	26	1·8	25	1·8	25	4·4	26	4·2	26	2·1	26	3·6	24	3·3
8	25	5·9	23	2·3	22	3·0	25	6·3	25	5·2	22	3·6	23	4·2	24	2·8
9	25	6·9	21	3·9	22	3·9	24	6·3	25	5·2	22	4·6	23	3·7	24	3·7
10	25	6·6	21	4·2	22	4·2	24	6·2	25	4·5	23	4·4	22	4·2	23	4·3
11	25	6·5	21	4·4	22	4·5	23	6·0	24	4·5	23	5·2	22	4·6	24	4·4
Noon	25	7·0	21	4·2	22	4·3	23	6·4	24	4·7	22	4·4	22	4·3	23	3·8
13h	26	6·1	22	4·4	23	5·2	23	5·2	24	4·8	22	4·8	21	4·3	22	4·1
14	26	6·2	22	4·3	23	4·4	23	5·5	24	5·0	22	4·6	22	3·8	23	4·5
15	25	5·9	22	4·6	24	5·1	23	5·8	24	4·3	22	5·2	22	3·6	24	4·2
16	25	5·4	22	4·0	24	4·4	25	6·0	25	5·2	22	5·1	22	2·8	24	3·3
17	25	5·9	24	3·6	24	4·3	24	5·3	25	5·0	22	3·8	23	4·4	26	2·5
18	26	3·6	25	3·4	25	3·3	25	4·3	26	3·9	24	3·5	24	4·1	26	2·8
19	26	2·9	25	2·9	26	2·1	26	3·0	26	2·2	24	3·2	26	5·0	26	2·9
20	26	2·1	25	1·8	25	2·6	26	2·7	26	2·8	25	2·8	27	1·9	26	3·2
21	26	2·0	25	1·5	25	1·4	25	3·1	26	3·0	25	2·7	24	3·3	26	3·2
22	26	2·4	25	1·1	25	1·2	25	3·4	26	3·4	25	2·5	24	3·6	27	2·2
23	26	2·2	25	0·7	25	1·8	25	3·0	26	1·8	25	2·3	26	3·7	27	4·0

Hour	17d.* Dir.	17d.* Vel.	18d. Dir.	18d. Vel.	19d. Dir.	19d. Vel.	20d. Dir.	20d. Vel.	21d. Dir.	21d. Vel.	22d. Dir.	22d. Vel.	23d. Dir.	23d. Vel.	24d. Dir.	24d. Vel.
Midnight	27	2·6	25	3·5	27	2·3	26	2·3	27	0·8	26	1·0	21	1·3	24	2·2
1h	26	3·9	25	3·8	27	1·8	27	2·7	27	0·9	26	1·0	21	1·1	24	3·0
2	26	3·9	25	4·3	27	1·6	24	3·5	27	0·7	26	1·9	22	1·4	24	2·3
3	26	4·4	25	3·5	27	1·3	24	2·6	27	0·9	26	1·0	22	1·5	24	2·9
4	26	4·5	25	3·3	27	1·8	27	2·8	27	1·1	26	1·3	22	1·7	24	3·5
5	26	4·6	26	2·2	27	1·7	28	2·1	27	0·9	26	1·9	23	1·8	24	2·2
6	26	4·8	26	1·8	27	1·7	28	2·0	27	1·0	26	1·1	23	1·7	24	2·3
7	26	4·7	25	3·3	27	2·7	26	2·7	27	1·1	24	1·8	23	2·9	23	5·1
8	23	4·4	24	4·6	26	3·1	25	2·4	23	1·8	22	2·4	22	3·8	24	6·3
9	23	5·8	24	5·3	26	3·4	23	2·9	21	1·9	20	2·8	22	4·2	24	5·7
10	23	5·7	24	5·4	27	5·0	22	2·7	19	2·7	20	3·1	22	3·9	24	6·9
11	23	6·2	24	5·5	26	4·4	21	4·0	17	2·1	19	4·0	22	4·1	24	6·4
Noon	23	5·9	25	5·4	26	3·0	21	3·9	17	3·0	19	4·0	22	3·5	24	6·3
13h	23	5·5	25	5·6	24	4·5	20	3·7	11	1·4	19	4·2	22	4·1	24	6·1
14	23	6·0	25	5·1	25	4·4	24	2·2	13	3·4	19	4·5	22	4·1	24	6·4
15	24	5·6	25	5·6	26	3·7	28	2·0	13	3·9	18	4·7	22	3·9	24	6·0
16	25	5·2	26	5·5	26	4·4	28	2·0	14	3·1	18	4·8	23	3·7	24	6·0
17	26	5·6	26	5·1	26	3·9	28	1·3	13	2·4	19	3·2	23	4·1	24	5·8
18	26	5·0	26	4·3	26	3·8	28	1·5	13	1·8	22	2·9	23	3·4	25	5·1
19	26	4·1	26	3·3	27	3·1	28	2·7	13	1·8	22	3·0	24	3·1	25	3·8
20	26	4·2	27	2·5	27	2·8	28	1·6	26	2·4	22	2·2	24	2·5	26	3·7
21	26	4·3	27	2·6	26	3·3	28	1·5	28	2·0	23	2·1	24	2·9	26	3·3
22	26	4·0	27	2·9	26	2·3	27	1·9	28	2·1	21	2·4	24	2·6	25	3·7
23	26	3·3	27	2·2	26	1·5	27	1·4	27	2·1	21	2·1	24	2·5	25	2·2

Hour	25d. Dir.	25d. Vel.	26d. Dir.	26d. Vel.	27d.* Dir.	27d.* Vel.	28d.* Dir.	28d.* Vel.	29d. Dir.	29d. Vel.	30d.* Dir.	30d.* Vel.	31d. Dir.	31d. Vel.	Mean Velocity
Midnight	25	2·4	25	4·5	24	4·4	25	2·8	25	2·9	24	2·3	...	...	2·6
1h	24	2·2	25	4·0	24	5·8	25	2·9	25	2·3	24	2·8	...	...	2·6
2	24	1·8	25	4·0	24	4·3	25	3·3	25	3·5	24	1·0	...	...	2·5
3	24	1·8	26	4·2	24	3·8	25	1·4	25	2·5	24	1·5	...	...	2·4
4	24	1·4	26	4·1	24	4·3	25	1·9	25	3·1	24	2·0	...	...	2·6
5	26	1·9	26	3·6	24	3·0	25	1·5	26	1·8	24	1·7	...	...	2·3
6	26	2·1	25	3·0	24	3·6	25	1·8	r26	2·6	25	1·4	..	...	2·4
7	26	2·7	25	3·6	24	4·8	24	2·6	24	3·9	26	2·3	...	...	3·3
8	24	5·0	23	4·2	24	5·7	23	4·4	22	5·2	26	2·8	...	..	4·3
9	25	4·8	23	5·8	24	5·2	d22	4·5	22	5·6	22	3·9	...	...	4·7
10	26	5·9	23	5·3	22	6·1	22	4·4	22	6·2	22	4·4	...	...	5·1
11	24	5·5	23	6·2	22	4·8	22	5·8	22	7·0	22	3·1	...	...	5·2
Noon	25	6·4	24	6·3	22	5·3	22	5·2	22	4·7	22	3·8	...	...	5·0
13h	24	6·6	23	5·6	22	5·5	22	5·4	22	5·2	22	3·8	...	...	5·0
14	24	6·4	23	6·4	22	4·8	22	5·0	22	5·2	23	3·8	...	...	5·0
15	25	6·7	23	6·1	22	5·5	23	5·8	22	6·3	24	2·9	...	...	5·1
16	25	6·4	23	6·6	23	5·7	22	5·0	22	3·6	23	2·6	..	...	4·8
17	25	7·2	23	5·3	24	5·1	23	5·9	23	2·8	24	4·4	...	...	4·6
18	26	5·3	23	4·6	24	4·6	24	4·4	24	3·4	24	4·1	...	...	4·0
19	26	5·0	24	5·8	25	3·8	24	4·4	25	2·9	25	3·5	...	...	3·4
20	25	5·3	24	5·2	25	3·8	24	3·7	25	2·8	26	1·8	...	...	2·9
21	25	4·9	25	5·2	25	3·2	24	3·8	25	3·0	26	2·2	...	...	3·0
22	26	5·0	25	4·7	25	2·3	24	3·1	25	3·0	26	1·6	...	...	2·9
23	25	4·4	25	4·4	25	3·6	24	3·1	24	2·4	26	1·2	...	...	2·7

d = direct r = retrograde.

TABLE XIV.—RAINFALL at every HOUR of the DAY at the ROYAL ALFRED OBSERVATORY MAURITIUS for NOVEMBER 1926.

Hour \ Day	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	...	...	...	...	num.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	mm	mm	...
1h	...	...	...	...	...	...	...	0·5	...	...	...	...	...	...	...	14·0	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	0·1	0·6	...	...	...	...	...	...	5·0	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	0·3	...	1·2	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	...	...	...	...	...	0·3	1·1	...	...	0·6	...	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	0·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	0·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	0·8	...	...	...	...	...
7	...	...	...	...	...	...	...	0·2	1·2	...	...	...	...	...	...	...	1·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	0·7	...	...	...	...	...	...	...	...	0·6	...	...	...	...	...
9	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	3·5	...	...	...	...	...	...	...	...	...	1·0	...	...	...	...	...
10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·5		...	...	...	...	...	...	...	...	0·2	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·5	...	...	...	...	...	0·2	...	...	...	0·2	...	...	...	...	...
Noon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·5	...	...	...	...	0·2	...	...	...	...	0·8	...	...	...	...	...
13h	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·5	...	...	...	...	0·8	...	...	...	...	1·0	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4·0	...	...	...	0·6	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5·2	...	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	0·4	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	0·9	...	...	...	...	...	...	...	1·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	0·6	...	...	...	...	...	...	...	0·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	17·3	0·1	...	...	...	...	...	...	...	...	...	0·5	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3·2	0·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...	0·5	0·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	0·4	...	...	...	...	...	...	...	6·8	0·2	...	...	...	...	...	...	...	...	...	0·5	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2·8	...	...	...	...	...	1·0	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	0·2	0·8	...	...	...	...	...	2·2	...	...	...	...	...	...	...	...	...	0·6	...	...	...	...	...	...

TABLE XV.—TOTAL MONTHLY RAINFALL at VARIOUS STATIONS in MAURITIUS, grouped according to the RIVER SYSTEMS as indicated on the CHART for the MONTH of NOVEMBER 1926.

River System.	Register Number	Station	Approximate Altitude feet.	Total fall in inches.	Total fall in mill.	Normal in mill.	Number of days.
1	3	St. Antoine	50	5·79	147·0	28·4	11
	3	Belmont	50	6·70	170·2	33·5	10
	4	Poudre d'Or	20	7·10	180·3	27·7	12
	5	Mon Loisir (R.)§ ...	300	...	...	...	...
	6	Mon Loisir S. E.§ ...	300	...	...	...	...
	7	Forbach§	300	...	...	...	...
	8	Labourdonnais§ ...	290	...	...	...	...
	9	Beau Séjour	300	8·58	217·9	62·7	15
	10	Mont Piton	360	8·18	207·8	62·0	13
	11	Mon Choix	700	8·18	207·8	51·6	13
	12	Antoinette	640	13·33	338·6	59·4	12
	13	California§	850	...	...	...	...
	14	Nouvelle Découverte ...	1,400	9·50	241·3	57·4	11
	15	Mon Songe	620	7·99	202·9	70·9	14
	16	La Grande Rosalie§ ...	643	...	...	...	...
	17	The Mount§	325	...	...	...	...
	18	Botanic Gardens ...	325	8·36	212·3	48·5	12
	19	The Observatory ...	179	4·02	102·2	44·2	14
	20	Solitude§	175	...	...	...	...
	21	St André	90	6·57	166·9	39·1	6
	22	Belle Vue Harel§ ...	350	...	...	...	...
	23	Mont Choisy§	10	...	...	...	...
	25	Esperance (Trébuchet)§	165	...	...	...	...
	28	Mon Rocher§	...	...	...	...	...
	45	Roche Bois Station§ ...	44	...	...	...	...
	46	Riche Terre Station§ ...	106	...	...	...	...
	47	Terre Rouge Station§ ...	137	...	...	...	...
	48	Mapou Station§ ...	296	...	...	...	...
	49	Poudre d'Or Station§ ...	772	...	...	...	...
	50	Rivière du Rempart§ ...	134	...	...	...	...
2 & 3	1	Union Régnard S.E.§ ...	600	...	...	...	..
	2	Constance d'Arifat L.G.	100	7·79	197·9	40·4	10
	3	St. Julien Church§ ...	1,050	...	...	...	...
	4	Riche Fund	600	9·19	233·4	72·9	11
	5	Constance (Manès)§ ...	..	...	...	...	...
	6	Queen Victoria§ ...	..	...	...	...	...
	7	Belle Mare§	...	...	...	...	...
	8	Bel Etang (Lesur)§ ...	...	...	...	...	...
	9	Belle Vue (Allendy)*	...	8·28	210·3	...	12
	10	St. Julien E(K. Reetoo)§	...	...	...	...	...
4	1	Sans Souci§	900	...	...	...	...
	2	Etoile§	400	...	...	...	...
	3	Beau Champ	20	9.54	242·3	39·4	10
	4	Belle Rive§	400	...	...	...	...
	5	Olivia	400	12·11	307·6	66·5	10
	6	Deep River§	350	...	..	...	...
	7	Belle Rose Estate§ ...	...	...	...	...	...
	8	Melrose§	...	...	...	...	.
	9	Bonne Veine*	...	13·92	353·6	...	20
5	1	Rose Belle§	850	...	..	...	...
	2	Riche-en-Eau§	460	...	...	...	...
	3	Ferney§	20	...	...	...	...
	4	Beau Vallon§	60	..	...	...	...
	5	Union Vale§	200	..	...	...	...
5 cont.	6	Mon Désert (Carié)§ ...	75	...	...	...	...
	7	Cluny§	1,000	...	...	...	...
	8	Union Park§	...	...	...	...	...
	9	Sauveterre Estate* ...	...	18·09	459·5	...	11
	10	Bananes Estate§ ...	...	...	...	...	...
6	1	Kanaka§	2,000	..	...	...	...
	2	Tivoli*	1,300	16·13	409·7	...	14
	3	La Flora*	1,050	15·17	382·7	...	16
	4	Britannia	730	15·75	400·0	87·4	18
	5	Savannah (Mill)§ ...	200	...	...	...	...
	6	St. Aubin§	300	...	...	...	...
	7	Union B.A.St.Félix S.E.§	90	...	...	...	...
	8	Beau Bois§	350	...	..	...	...
	9	St. Avold*	900	20·45	518·4	...	17
	10	Terracine§	100	...	...	...	...
	11	St. Félix S.E.§	...	...	...	...	...
	12	Bel Air§	...	...	...	...	...
	13	Chamouny§	...	...	...	...	...
	14	Union S. E.*	...	15·37	390·4	...	9
	15	Fontenelle*	...	15·47	392·9	...	9
	16	Combo§	...	...	...	...	...
	17	St. Felix (Wilson)§ ...	...	...	...	...	...
	18	Choisy Estate	...	...	..	...	...
7, 8 & 9	1	Bel Ombre*	40	7·25	184·1	54·4	11
	3	Beau Champ*	...	7·75	196·8	...	6
	4	Board*	...	8·58	217·9	...	10
	12	Tamarin Station§ ...	155	...	...	...	...
	13	Médine Station§ ...	184	...	...	...	...
	14	Albion Station§ ...	72	...	...	...	...
10		No returns	...	...	...	...	...
11	1	Les Gorges§	...	...	...	...	...
	2	Curepipe Gardens ...	1,840	17·36	44·9	114·0	19
	3	Mare aux Vacoas ...	1,850	20·67	52·0	134·9	16
	4	La Marie Filter Bed ...	1,700	19·08	48·6	61·7	16
	5	Réunion§	1,420	...	...	..	...
12	1	The Manse	850	6·50	165·1	41·9	12
	2	The Bower§	1,080	...	...	...	...
	3	Le Réduit (D. of A.)§...	1,000	...	...	...	...
	4	Alma	1,460	12·70	322·6	118·6	16
	5	Bagatelle§	1,250	...	...	...	...
	6	Highlands§	1,300	...	...	...	...
	7	Trianon	950	8.13	206·5	55·1	9
	8	Salency§	923	...	...	...	...
	9	La Ferme*	950	5·35	135·9	...	10
	10	Bon Air§	1,050	...	...	...	...
	11	Val Ory	1,100	6·59	167·4	47·7	15
	12	Ebène§	...	...	...	...	...
	13	Mon Rêve§	...	...	...	...	...
	14	Bassin§	...	...	...	...	..
	15	Hermitage§	...	...	...	...	...
	16	Côte d'Or	...	10·00	254·0	...	6
	17	Mon Repos§	...	...	..	...	..
13	1	The Albion Dock§ ...	18	..	...	...	...
	2	Institute*	...	4·19	106·5	...	4

* Normals not available. §Record not Received.

TABLE XVI.—OBSERVATIONS of the DIRECTION and VELOCITY of CLOUDS made at the AEROLOGICAL STATION VACOAS 424·5 metres above SEA LEVEL during the month of NOVEMBER 1926.

Type	Time	Scud		Cumulus Cu. st. &c.		Alto cu: Alto st:		Cirro Cumulu		Cirro Stratus		Cirrus	
		Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dr.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height
	h		°		°		°		°		°		
1	9¾	...	...	270	1·7	...	...	...	...	...	...	...	...
2	11½	...	...	280	0·7	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...
4	10	240	1·6	270	1·0	...	...	...	...	...	...	...	...
5	10	240	1·7	255	1.6	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...
10	10¼	...	...	300	0·7	...	...	...	...	...	...	...	...
11	9¾	...	...	280	0·6	...	...	...	...	...	...	...	...
12	9¾	...	...	270	0·8	...	...	...	...	...	...	...	...
13	10	255	0·7	240	0 7	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...
15	10	...	...	240	0·7	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...
17	9¾	...	...	270	0·9	...	...	...	...	...	...	...	...
18	11½	...	...	270	0·6	...	...	...	...	...	...	...	...
19	11	...	...	280	0·5	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...
22	8	270	1·5	...	...	...	...	...	...	...	...	...	...
23	8¼	...	...	270	1·6	...	...	...	...	...	...	...	...
24	8¾	270	2·0	...	...	...	...	...	...	...	...	120	0·3
25	12½	...	...	270	0·5	...	...	...	...	...	...	...	...
26	13	...	...	240	1·2	...	...	...	...	...	...	...	...
27	13¼	...	...	300	0·8	...	...	...	...	...	...	...	...
28	11	300	1 0	...	...	135	0·3	...	...	...	...	...	...
29	11¼	...	...	...	...	135	0·3	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...
..	...	...	...	...	...	...	...	...	...	...	...	...	...

Type	Time	Scud		Cum: Cu. st. &c.		Alto Cum Alto St:		Cirro Cum		Cirro Stratus		Cirrus	
		Dir.	el./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height	Dir.	Vel./Height
	h		°		°		°		°		°		°
1	...	...	...	...	...	...	...	...	...	...	...	...	...
2	...	...	...	...	...	...	...	...	...	...	...	...	...
3	14¾	...	...	270	0 8	...	...	...	...	...	...	...	...
4	14¼	240	1·6	240	0·9	...	...	...	...	...	...	...	...
5	14¾	...	...	280	0 6	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...
8	14¾	...	...	300	0·9	...	...	...	...	...	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...
10	12¼	...	...	285	0·4	...	...	...	...	...	...	...	...
11	12½	...	...	285	0·8	...	...	...	...	...	...	...	...
12	12¾	...	...	315	0·5	...	...	...	...	...	...	...	...
13	15	330	1·3	...	...	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...
15	15	330	0·7	...	...	...	...	...	...	...	...	...	...
16	...	...	...	...	...	...	...	...	...	...	...	...	...
17	14¾	270	0·8	...	...	...	...	...	...	...	...	...	...
18	14¾	...	...	270	0·5	...	...	...	...	...	...	...	...
19	15		...	255	0·4	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	...
22	13	...	...	240	0·5	...	...	...	...	...	...	...	...
23	13¼	...	...	150	0·8	...	...	...	...	...	...	...	...
24	14¾	270	1·5	...	...	...	...	...	...	...	...	120	0·3
25	14½	...	...	280	1·1	...	...	...	...	...	...	...	...
26	14¼	...	...	270	0·9	...	...	...	...	...	...	...	...
27	14¾	...	...	270	0 9	...	...	...	...	...	...	...	...
28	14¼	285	1·5	...	...	...	...	...	...	...	...	...	...
29	13¼	...	...	...	...	135	0·4	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...
..	...	...	...	...	...	...	...	...	...	...	...	...	...

The Direction is that from which the Cloud travels, counting South (0°) West (90°); North (180°). The Velocity-Height-Ratio is given in milliradians per sec.

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NEW SERIES (MONTHLY). VOL. XII. PART 12 PRICE R. 0.75

ROYAL ALFRED OBSERVATORY, MAURITIUS.

(LATITUDE 20°5′39″ S.—LONGITUDE 3h 50m 12s·6 E.)

RESULTS

OF

MAGNETICAL AND METEOROLOGICAL OBSERVATIONS

FOR THE MONTH OF

DECEMBER 1926

M. OLIVIER,

OFFICER IN CHARGE.

Published by Authority of His Excellency the Governor

PORT LOUIS
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1927.

TABLE I.—RESULTS of MAGNETICAL OBSERVATIONS made during the MONTH of DECEMBER 1926

Month and Day. 1926	Mean Declination (West)	Mean Horizontal Force. (C.G.S. Units.)	Mean Vertical Force. (C.G.S. Units.)	Daily Range of.† Declination.	Horizontal Force (Unit 1 γ)	Vertical Force. (Unit 1 γ)
	° ′					
1	11.27.8	22842	·29875	10·8	36	33
2	25·5	837	877	8·4	60	25
3	26·7	844	877	14·0	43	38
4	25·4	878	876	12·6	69	30
5	28·6	857	877	12·2	25	32
6	23·3	856	878	3·7	20	38
7	24·4	855	874	12·2	30	23
8	25·3	855	876	12·4	22	31
9	25·1	864	870	13·0	41	53
10	24·1	870	870	8·2	48	32
11	24·8	860	876	5·0	39	12
12	24·9	859	873	11·4	21	30
13	25·4	851	876	7·7	33	12
14	25.1	850	881	6·0	35	14
15	25·5	802	884	5·7	109	12
16	25·2	786	887	4·7	70	27
17	24·7	877	887	4·8	60	16
18	23.7	879	882	6·0	50	36
19	24·9	849	879	7·1	20	29
20	24·2	849	874	12·0	34	20
21	25 3	839	871	6·4	46	24
22	25·9	837	872	7·8	31	15
23	25·1	830	874	12·1	110	21
24	25·3	811	873	6·6	70	27
25	25·3	825	883	3·4	24	20
26	25·0	838	883	4·0	19	21
27	24·9	847	882	7·8	33	24
28	25·8	840	887	4·9	44	14
29	26·0	843	889	3·6	59	6
30	25·4	849	886	5·9	47	14
31	25·9	844	886	4·1	31	16
Mean	11·25·31	·22846	·29879	78·9	44·5	24·0

Description of the Principal Magnetic Disturbances

The following notes give a brief description of the principal magnetic disturbances The movements in Horizontal Force and Vertical force are expressed in G.G.S. units.

The term "wave" indicates a movement in one direction and return; "double wave," a movement in one direction and return with continuation in the opposite direction and return; "fluctuations," a number of movements in both directions.

The extent and direction of the movement are indicated in brackets, + denotes an increase and—denotes a decrease of the Magnetic Element; ± denotes positive and negative movements of approximately equal extent.

$10^d.13\frac{1}{2}$ to 20^h.—Fluctuations in H.F.
$15^d.19^h$.—Wave in H.F. (—105γ)
$23^d.18^h$.—Wave in H.F.(—102γ)
$29^d.12$ to $30^d.0^h$.—Fluctuations in H.F.

T=0·37612: Mean Dip=θ=52°.35′·90. (X=·22393: Y=—·04524 :Z=·29879).
† The daily range is the difference between the greatest and least hourly values.

TABLE II.—RESULTS of ABSOLUTE DETERMINATIONS of the MAGNETIC ELEMENTS during the MONTH of DECEMBER 1926

Declination (West).		Horizontal Force (C.G.S. Unit)		Dip (South).					
				A.M. Observations		Resulting Vertical Force. C. G. S. Units.	P. M Observations.		Resulting Vertical Force C.G.S. Units
Day and Hour.	Observed Value.	Day and Hour.	Observed Value.	Day and Hour.	Observed Value.		Day and Hour.	Observed Value.	
d h m	° ′	d h m		d h m	° ′		d h m	° ′	
DEC. 4· 9·15	11.27·41	DEC. 8· 9·10	·22881	DEC. 4. 9· 3	52.32·71	...	DEC. 4.13.46	52.30.81	.29859
·13.25	11.18·85	·12·31	·22861	11. 8.52	52.33·37	·29879	11·13.50	52.32·12	·29837
11· 9.04	11.28·96	14· 9·07	·22878	18· 9·33	52·32·50	·29870			
.13·41	11.23·50	·14·27	·22850						
18· 9.48	11.25·41	21. 9·13	·22852						
.13.28	11.19·49	11·26	:22836						

TABLE III.—MAGNETIC DECLINATION (WEST) at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

DECEMBER 1926.

Hour \ Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Hour \ Day.
	11° +																
Midnight	25·7	28·0	25·3	25·8	26·2	24·0	24·5	24·2	24·2	25·3	24·8	24·5	25·9	26·0	25·9	26·2	Midnight
1h	25·5	27·7	25·9	25·6	25·0	23·8	25·0	24·1	24·4	24·6	24·6	24·4	26·0	26·0	25·8	26·0	1h
2	25·8	26·4	26·2	25·4	24·0	22·9	24·8	24·1	25·6	24·5	24·3	24·8	26·0	26·0	25·9	25·8	2
3	25·4	25·8	26·4	25·7	24·2	23·3	24·6	24·5	25·8	25·3	24·1	25·3	26·2	25·9	25·9	24·4	3
4	24·6	26·5	27·2	26·0	24·1	23·7	25·3	25·6	26·0	25·7	24·2	25·9	26·4	25·7	25·9	24·0	4
5	25·0	26·9	28·0	27·0	28·2	23·8	26·0	26·1	26·2	25·9	24·9	26·1	27·4	26·0	25·7	24·7	5
6	26·0	27·1	30·0	28·3	31·4	23·6	26·0	28·0	28·0	26·1	25·8	27·7	28·0	26·5	26·2	25·9	6
7	25·9	27·8	33·0	30·7	35·3	24·0	28·3	31·2	31·0	28·2	26·7	30·8	29·5	28·0	27·5	25·5	7
8	27·2	28·3	34·8	32·3	36·2	23·8	30·1	32·4	32·6	28·3	28·0	31·4	29·6	28·0	28·2	25·9	8
9	29·8	28·4	36·6	31·4	35·0	23·0	30·0	30·0	31·2	27·5	27·7	30·2	28·2	27·9	28·0	26·0	9
10	30·4	28·2	33·2	30·0	34·2	22·0	27·2	27·0	28·9	24·2	26·0	28·7	26·1	26·2	27·0	25·8	10
11	32·2	28·0	30·5	27·4	33·0	21·4	24·0	23·4	25·1	22·0	25·4	25·5	25·5	25·9	25·7	25·7	11
Noon	34·6	27·0	26·0	25·0	32·9	21·8	21·5	21·0	21·2	21·7	23·8	21·8	23·8	24·0	24·6	23·7	Noon
13h	35·0	26·4	23·0	22·0	31·8	21·2	17·9	20·0	19·8	20·1	23·0	21·4	21·9	23·0	23·6	22·8	13h
14	33·0	25·1	22·8	19·7	30·8	21·0	18·0	20·0	19·6	20·2	23·7	20·0	22·0	22·0	22·5	22·8	14
15	32·7	23·0	22·6	19·8	29·6	21·9	18·8	21·5	19·7	20·5	24·1	20·5	22·1	22·1	23·7	23·3	15
16	28·0	21·7	22·7	20·1	28·0	23·6	20·2	23·0	21·4	21·8	24·3	20·6	22·5	23·0	23·9	23·6	16
17	26·0	20·2	23·9	20·8	27·2	23·8	23·5	24·9	23·5	22·4	24·1	22·0	22·9	23·6	23·7	24·1	17
18	24·8	20·0	24·1	22·0	26·0	24·2	24·3	26·0	24·1	23·9	25·5	23·5	24·0	23·4	24·0	25·3	18
19	24·2	22·0	24·2	23·6	25·9	24·7	25·7	25·8	24·2	24·0	24·2	24·0	24·3	23·5	25·0	26·2	19
20	25·2	23·8	24·2	24·0	25·3	24·1	25·6	25·9	24·2	23·8	24·4	24·1	24·9	23·7	25·6	26·1	20
21	25·9	25·2	23·0	25·2	25·0	24·0	24·8	25·9	24·2	24·0	24·1	24·2	25·5	25·0	25·9	27·0	21
22	26·0	24·2	23·4	26·0	24·8	24·0	24·9	25·8	24·2	24·2	24·2	24·5	25·7	25·2	26·3	27·1	22
23	27·3	24·6	24·2	26·4	24·2	24·2	25·6	25·9	25·5	24·3	24·3	25·5	25·9	25·9	26·0	27·5	23

Hour \ Day.	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31d.	Mean	Hour \ Day.
	11° +																
Midnight	26·0	25·2	24·0	25·4	25·6	26·0	25·2	24·2	25·8	26·2	25·6	26·0	25·6	26·2	25·0	25·4	Midnight
1h	25·5	25·4	24·1	25·6	25·0	25·9	24·6	24·1	25·9	26·1	25·8	26·0	25·8	26·4	25·6	25·4	1h
2	24·2	26·0	24·7	25·0	24·8	26·0	24·1	25·6	26·0	26·0	26·0	26·2	26·0	26·3	25·5	25·3	2
3	25·7	25·9	25·3	25·3	25·7	26·0	25·7	26·0	26·0	26·0	26·0	26·0	26·4	26·0	25·6	25·5	3
4	25·9	24·8	25·2	26·0	26·0	26·2	26·0	26·0	26·0	26·0	26·2	26·0	26·0	26·0	25·9	25·6	4
5	26·0	24·0	25·5	28·2	27·5	27·6	26·4	26·5	26·0	25·7	27·7	26·4	26·0	25·9	26·8	26·3	5
6	26·2	23·0	26·0	30·0	28·2	29·0	27·9	27·0	26·2	25·7	28·2	27·2	26·4	26·2	26·5	27·0	6
7	26·3	23·3	27·5	30·0	28·0	29·7	29·0	27·2	26·0	25·5	29·8	28·0	27·0	26·0	27·0	28·2	7
8	26·2	23·6	28·0	29·7	27·0	29·8	30·9	26·6	26·0	24·6	29·4	28·0	26·0	25·9	26·0	28·5	8
9	26·0	24·0	28·0	25·8	26·5	28·6	30·8	27·3	26·1	24·7	27·6	28·3	26·5	26·0	26·0	28·2	9
10	24·1	25·0	26·9	22·6	26·0	28·0	27·7	27·8	26·1	24·9	25·8	28·4	26·2	26·3	26·2	27·0	10
11	23·6	24·0	25·5	21·5	25·8	27·0	25·0	28·1	26·0	24·8	23·7	28·0	27·6	27·7	26·8	26·0	11
Noon	22·0	21·8	24·0	19·7	24·0	25·9	23·3	27·0	25·8	24·0	23·0	26·8	26·8	27·9	27·0	24·6	Noon
13h	21·5	20·0	22·0	18·0	22·4	23·7	22·0	24·9	24·0	23·0	22·6	26·0	26·4	26·4	28·0	23·4	13h
14	22·0	20·0	20·9	18·5	21·8	22·0	21·5	22·5	22·8	22·2	22·2	25·7	26·0	26·0	27·3	22·7	14
15	23·0	21·5	21·3	18·6	22·0	22·0	20·0	21·6	23·0	23·7	22·0	24·6	26·0	24·0	26·0	22·8	15
16	24·2	23·7	22·0	20·0	23·0	23·0	18·8	21·2	23·0	23·9	22·0	23·6	25·5	23·3	25·7	22·9	16
17	25·5	24·0	24·1	22·2	24·9	24·2	21·0	21·8	23·9	24·8	23·0	23·5	24·0	22·0	25·8	23·6	17
18	25·7	24·0	25·2	24·5	25·7	25·2	23·7	22·5	24·1	25·8	22·8	23·5	24·0	23·2	24·9	24·2	18
19	24·4	24·2	25·7	25·7	25·6	26·0	26·0	24·0	25·3	25·6	22·6	23·8	25·3	23·7	24·0	24·6	19
20	24·3	24·0	25·9	25·0	25·6	25·7	26·5	25·6	25·9	24·0	22·2	24·0	26·0	24·0	23·9	24·8	20
21	24·4	24·0	25·4	24·2	25·5	25·4	26·1	26·0	26·0	24·4	24·1	24·0	25·8	24·8	24·3	24·9	21
22	25·5	24·0	24·5	24·0	25·6	24·9	25·9	26·0	26·0	25·8	24·0	24·2	26·0	25·3	25·9	25·1	22
23	25·7	24·0	24·4	25·8	25·9	24·7	24·7	26·0	26·2	26·0	24·6	25·6	26·2	24·6	26·0	25·4	23

TABLE IV.—MAGNETIC HORIZONTAL FORCE at every HOUR of the DAY as deduced from the PHOTOGRAPHIC RECORDS.

(*The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber*).

DECEMBER 1926.

Hour. / Day.	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day. / Hour.
	·22000 + (C.G.S. UNIT.)																
Midnight	842	840	831	868	851	850	851	850	850	851	854	853	850	847	835	760	Midnight
1h	845	840	835	870	853	851	856	852	851	852	857	856	847	850	837	760	1h
2	850	837	837	882	855	853	857	851	850	853	856	858	845	845	835	762	2
3	848	836	833	889	858	855	860	850	852	855	856	859	843	848	831	763	3
4	850	837	830	900	858	854	857	851	853	856	860	859	844	853	831	766	4
5	836	839	830	907	859	853	853	852	855	857	860	858	849	852	834	765	5
6	835	841	828	909	860	854	856	854	860	860	866	863	857	856	838	765	6
7	837	847	822	905	860	857	867	858	878	869	873	865	866	861	841	764	7
8	849	850	820	905	855	859	868	860	875	869	877	860	873	864	843	764	8
9	854	860	827	904	856	864	867	856	873	873	873	868	870	868	844	780	9
10	857	860	829	902	863	855	870	861	879	891	878	864	870	870	840	784	10
11	856	859	831	900	872	870	870	872	890	899	880	860	872	870	830	787	11
Noon	858	848	834	898	874	859	868	864	891	889	880	860	860	863	820	790	Noon
13h	852	846	840	890	870	853	857	860	886	880	874	852	850	850	815	783	13h
14	840	850	841	888	867	852	860	860	882	885	864	860	849	846	811	780	14
15	833	844	846	872	858	856	850	857	870	887	852	848	846	839	792	780	15
16	824	839	850	859	850	856	840	850	860	882	843	847	840	835	779	790	16
17	822	836	862	841	850	857	840	852	855	878	841	859	848	836	771	801	17
18	830	800	866	840	850	854	840	854	856	873	850	860	847	838	759	802	18
19	833	803	868	846	850	852	843	853	857	870	850	860	842	840	735	810	19
20	835	805	870	847	850	853	843	852	855	863	849	864	843	841	740	810	20
21	836	817	870	850	850	855	847	850	850	862	852	860	840	842	740	817	21
22	840	830	870	850	849	857	848	851	850	859	853	860	840	841	745	825	22
23	840	832	870	850	849	858	849	851	850	857	853	854	843	840	750	830	23

Hour. / Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31	Mean	Day. / Hour
	·22000 + (C.G.S. UNIT.)																
Midnight	835	887	857	860	843	819	836	776	820	826	840	838	833	825	837	839·2	Midnight
1h	840	885	859	862	848	835	841	785	820	830	840	837	835	843	839	842·3	1h
2	848	885	860	856	847	830	843	800	820	830	840	822	837	834	840	842·5	2
3	851	884	858	855	852	831	845	800	820	830	842	821	853	838	848	844·0	3
4	855	883	856	853	860	832	847	802	821	830	845	823	849	850	843	845·4	4
5	860	880	850	854	857	836	846	806	826	831	847	830	840	842	841	845·3	5
6	867	878	847	857	857	837	848	810	831	834	849	835	840	840	839	847·4	6
7	870	876	842	860	860	841	854	818	837	840	853	833	842	840	839	850·8	7
8	873	878	842	860	854	840	861	820	839	840	858	833	847	840	839	852·1	8
9	880	881	845	855	850	833	860	825	834	840	857	840	844	840	840	853·6	9
10	886	895	840	852	846	836	860	832	830	840	862	845	842	850	847	856·3	10
11	888	902	840	863	840	850	868	846	828	840	861	850	856	862	851	860·1	11
Noon	885	910	845	864	830	850	870	840	830	840	860	852	869	865	855	858·7	Noon
13h	884	904	847	855	830	845	869	810	826	840	860	863	872	867	860	854·5	13h
14	885	893	846	846	830	845	863	808	823	840	860	865	870	872	864	853·1	14
15	887	880	843	838	830	843	852	809	820	838	860	856	862	870	851	847·4	15
16	890	870	842	836	835	840	838	809	815	837	855	850	857	868	855	843·3	16
17	891	865	847	837	835	836	810	804	816	843	839	841	840	862	849	840·8	17
18	891	864	850	840	834	832	770	799	820	845	830	839	835	857	840	837·6	18
19	892	867	855	838	829	830	760	797	823	840	835	839	826	842	832	836·0	19
20	895	866	850	830	822	831	760	800	825	840	834	840	830	840	833	836·0	20
21	894	864	850	830	814	833	780	809	825	840	829	839	822	840	837	836·6	21
22	890	860	850	841	815	832	783	816	828	840	830	837	813	840	838	838·1	22
23	889	860	855	842	826	831	787	820	824	840	834	837	817	840	833	839·1	23

TABLE V.—MAGNETIC VERTICAL FORCE AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(*The values are not corrected for the effect of the diurnal change of Temperature in the Magnet Chamber*).

DECEMBER 1926.

Hour \ Day	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day \ Hour
	·29000 + (C.G.S. UNIT).																
Midnight	879	877	881	881	879	879	876	879	880	878	876	880	879	880	881	885	Midnight
1h	880	877	881	880	879	879	876	879	879	878	876	880	880	880	882	885	1h
2	880	878	882	880	879	879	877	878	879	877	876	880	880	880	882	885	2
3	880	879	883	880	880	879	878	879	879	877	876	880	881	880	883	883	3
4	881	880	885	880	881	879	879	880	879	877	876	880	881	880	885	886	4
5	883	881	886	882	881	880	879	880	880	878	877	880	881	881	886	889	5
6	885	882	888	885	885	885	880	885	883	880	880	882	881	883	887	891	6
7	889	888	892	889	890	893	880	890	887	882	882	890	881	886	888	894	7
8	887	888	893	887	890	897	880	887	885	880	882	888	880	888	887	897	8
9	881	880	885	880	886	896	883	878	875	877	878	879	873	886	887	898	9
10	873	871	877	870	882	892	876	872	860	856	877	871	872	885	886	893	10
11	864	864	870	862	876	885	870	866	847	852	876	870	874	883	888	890	11
Noon	858	863	866	861	869	874	860	859	834	850	874	865	870	881	890	884	Noon
13h	856	865	860	860	859	865	860	866	840	853	875	864	869	881	882	876	13h
14	860	866	856	859	858	860	860	870	852	858	870	860	870	880	878	871	14
15	863	880	855	863	864	859	867	871	857	860	876	860	871	874	880	872	15
16	868	875	860	871	871	860	872	872	866	864	878	860	869	876	881	879	16
17	874	875	865	877	875	870	872	875	870	869	875	861	871	877	882	885	17
18	877	879	876	878	877	872	874	874	871	870	873	866	874	879	884	890	18
19	876	880	882	878	878	874	875	873	870	868	872	868	875	880	883	889	19
20	876	881	882	879	879	876	875	873	870	870	871	869	875	879	884	891	20
21	878	881	881	880	879	877	876	876	875	873	875	871	877	879	886	893	21
22	878	881	880	880	879	879	878	878	877	875	876	872	879	880	886	892	22
23	878	881	880	880	879	878	879	879	878	876	878	874	880	880	884	891	23

Hour \ Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d	30d.	31	Mean	Day \ Hour
	·29000 + (C.G.S. UNIT).																
Midnight	891	886	885	881	873	870	876	880	873	893	880	890	888	890	889	881·1	Midnight
1h	890	887	886	881	875	870	876	881	874	892	880	890	889	891	886	881·3	1h
2	888	887	886	880	876	871	877	881	875	891	880	890	890	890	883	881·2	2
3	890	890	886	881	877	872	877	882	875	891	878	890	890	888	884	881·5	3
4	893	890	887	880	877	871	878	883	875	890	877	890	889	888	884	882·0	4
5	894	891	890	880	880	870	877	885	877	890	872	891	888	890	880	882·5	5
6	896	892	892	880	880	871	877	884	878	890	873	892	890	889	882	884·1	6
7	893	896	887	881	880	872	877	881	877	889	871	893	890	889	883	885·8	7
8	890	895	883	882	880	873	875	881	878	888	870	894	890	891	884	885·5	8
9	888	884	882	876	880	878	882	880	878	889	894	885	888	885	890	883·3	9
10	883	876	879	875	871	874	881	870	886	889	888	886	887	887	892	878·6	10
11	883	860	871	871	864	870	873	865	890	885	883	884	886	887	894	874·3	11
Noon	881	860	867	865	860	865	864	861	885	876	880	881	886	883	889	869·7	Noon
13	880	862	863	862	857	863	862	859	882	875	881	880	886	877	880	867·7	13h
14	881	873	869	863	856	864	861	858	883	874	882	880	887	878	878	868·2	14
15	886	878	872	870	860	869	867	860	882	872	883	881	889	879	880	871·0	15
16	888	881	875	871	867	874	871	865	884	874	884	883	890	881	884	874·0	16
17	889	884	878	874	870	873	873	869	887	877	885	883	890	882	888	876·6	17
18	888	881	876	874	871	875	873	872	890	879	885	884	890	883	889	878·2	18
19	885	881	876	873	870	875	871	872	890	880	885	885	892	882	890	878·3	19
20	884	882	878	871	871	876	872	874	892	879	885	885	891	885	890	78·5	20
21	885	885	878	870	870	878	873	874	891	880	886	886	890	888	890	880·0	21
22	886	887	878	873	870	877	877	874	891	880	885	887	890	890	890	880·8	22
23	885	886	879	872	870	878	879	874	893	880	887	888	890	890	890	881·2	23

TABLE VI.—RESULTS of METEOROLOGICAL OBSERVATIONS made at the AEROLOGICAL STATION VACOAS (424·5 metres above mean sea-level) during the MONTH of DECEMBER 1926.

Month and Day 1926	Observations at 10 a.m.								Temperature of the Air.						
	Atmospheric Pressure.	Temperature of the Air.	Excess of Air Temperature over Evaporation	Temperature of the Dew Point.	Relative Humidity (Sat: 100)	Tension of Aqueous Vapour.	Wind. Direction in degrees.	Wind. Velocity.	Highest.	Lowest.	Range	Amount of Cloud (Scale 0—10)	Amount of Rain measured at 10 a.m.	Duration of Bright Sunshine	Percentage of Possible Sunshine.
	mbs.	C	C	C	%	mbs.		m.p.s.	C	C	C		m.m.	hrs.	
1	966·9	26·7	4·8	18·6	62	21·2	225	0·6	27·2	19·4	7·8	2·5	0·0	6·0	46
2	966·7	25·2	3·0	20·1	79	23·3	292	0·6	28·5	18·5	10·0	9·3	4·2	4·6	35
3	966·9	25·2	2·6	20·8	72	24·3	337	2·2	26·7	19·9	6·8	5·4	62·7	5·0	38
4	967·1	22·1	1·2	20·0	87	23·2	292	1·3	22·7	19·5	3·3	7·3	0·0	1·0	8
5	966·1	24·5	3·4	18·7	72	21·4	292	5·8	24·9	18·9	6·0	2·1	2·0	9·0	68
6	966·6	20·9	2·1	17·1	76	19·3	259	4·9	24·0	18·1	5·9	7·2	1·0	0·8	6
7	964·1	24·4	4·3	17·0	70	19·2	259	0·6	24·9	15.6	9·3	3·7	0·0	2·0	15
8	964·7	24·3	4·2	17·1	60	19·3	270	0·6	25·6	17·6	8·0	4·5	0·0	6·1	46
9	966·0	24·9	3·0	19·7	72	22·7	259	0·6	26·3	18·3	8·0	5·5	0·0	5·4	41
10	965·2	23·5	2·6	19·0	73	21·8	225	0·6	25·5	18·9	6·6	8·4	11·2	0·9	7
11	965·2	24·6	3·5	18·6	66	21·2	259	0·6	26·0	18·7	7·3	6·7	3·7	3·8	29
12	964·3	24·8	3·8	18·3	61	20·8	225	0·6	23·2	18·7	4·5	6·7	6·5	4·1	31
13	963·0	25·0	3·0	19·9	75	23·0	123	0·6	26·0	17·4	8·6	7·7	4·3	4·4	33
14	962·2	24·2	3·1	18·9	78	21·6	259	0·6	26·3	17·9	8·4	9·1	22·5	1·6	12
15	963·7	24·9	3·0	19·7	71	22·7	247	0·6	26·4	17·8	8·6	8·6	32·7	2·3	17
16	965·2	23·9	2·3	19·9	71	23·0	247	6·7	25·9	19·6	6·3	8·0	3·7	6·7	50
17	965·4	24·6	3·4	18·8	71	21·5	281	4·5	25·7	19·4	6·3	6·5	1·2	8·1	61
18	966·4	24·1	3·9	17·4	68	1·97	281	7·1	25·7	19·0	6·7	7·3	2·0	10·1	76
19	966·9	24·9	3·8	18·4	68	21·0	247	4·5	26·4	18·3	8·1	3·6	0·0	11·3	85
20	965·6	25·0	2·8	20·2	64	23·4	337	0·8	27·4	19·1	8·3	3·5	0·0	8·9	67
21	963·5	26·7	4·0	19·9	66	23·0	292	0·6	27·4	21·0	6·4	6·1	0·0	9·0	68
22	963·2	25·9	3·1	20·6	77	24·0	213	2·7	26·5	19·8	6·7	5·0	0·0	6·8	51
23	963·7	25·8	3·7	19·5	65	22·4	202	4·9	26·6	17·7	8·9	8·2	0·0	2·7	20
24	964·5	22·1	0·2	21·7	95	25·7	225	1·3	22·9	19·5	3·4	9·2	19·5	0·5	1
25	964·7	24·9	2·9	20·7	70	24·2	236	7·6	26·0	19·6	6·4	7·2	7·6	8·3	62
26	966·6	24·3	3·2	18·8	70	21·5	225	1·8	26·9	20·0	6·9	4·3	0·0	11·8	89
27	968·1	26·8	5·2	18·0	52	20·4	292	2·2	27·0	20·0	7·0	4·7	0·0	10·4	78
28	966·9	25·5	4·3	18·2	66	20·7	270	6·7	25·8	19·6	6·2	5·1	2·6	9·9	75
29	965·7	24·9	3·8	18·4	68	21·0	270	2·7	25·8	19·3	6·5	6·2	1·7	8·5	64
30	964·2	23·7	0·8	22·3	99	26·7	259	3·1	26·7	20·2	6·5	7·3	0·0	3·1	23
31	964·3	26·1	6·7	14·8	43	16·7	225	3·6	27·3	21·3	6·0	7·2	0·0	5·0	38
Mean	965·2	24·6	3·3	19·0	70·5	21·9	257·2°	2·2	25·9	18·9	6·9	6·2	Sum 189·1	5·75	43·2
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

EXCESS OF CERTAIN ELEMENTS AT PAMPLEMOUSSES OVER THE CORRESPONDING ELEMENTS AT VACOAS.

Mean* of the month at 10 a.m.	Atmospheric Pressure	+ 41·8
	Temperature of the Air	+ 3·1
	Vapour Tension	+ 2·1
	Relative Humidity	− 5·2 %
	Direction of Wind	2·3° E
	Velocity of Wind	+ 0·5 m.p.s.
	Amount of cloud	− 0·1

Amount of rain	−94·2 m.m.
Duration of sunshine	+ 50·2 hrs.
Mean of highest temperatures	+ 3·4
Mean of lowest temperatures	+ 2·8
Absolute highest temperature	+ 2·5
Absolute lowest temperature	+ 3·0

*South (0); West (8); North (16); East (24).

TABLE VII.—DAILY RESULTS OF METEOROLOGICAL OBSERVATIONS made during the month of DECEMBER 1926.

Month and Day 1926.	Atmospheric Pressure		Temperature of the Air. (in degrees Centigrade.)					Excess of Air Temp. over Evaporation Temp.	Temperature of the Dew Point. (Centigrade.)		Degree of Humidity (Saturation=100)		Elastic Force of Vapour	Lowest Temperature on the Grass. (Cent.)	Rainfall.		Amount of Evaporation	Mean Amount of Cloud Scale 0—10.)
	Mean	Excess above Average	Highest	Lowest.	Range	Mean	Excess above Average		Mean	Excess above Average	Mean	Excess above Average			Amount recorded by the Beckley Pluviograph.	Duration.		
DEC.	mbs.	mbs.	c	c	c	c	c	c		c			mbs.	c	mm.	min.	mm.	
1	1007·9	− 0·6	29·2	21·0	8·2	24·6	− 0·2	2·6	20·2	+ 1·3	76	+ 6	23·4	20·1	15·2	64	6·0	4·2
2	1007·3	− 1·2	29·6	21·0	8·6	24·8	0·0	1·8	21·7	+ 2·7	83	+ 13	25·7	19·6	36·6	84	2·6	6·8
3	1007·9	− 0·5	28·9	22·0	6·9	24·8	− 0·1	2·0	21·4	+ 2·3	81	+ 11	25·2	18·0	9·0	104	3·0	6·7
4	1007·9	− 0·4	28·5	20·6	7·9	24·3	− 0·6	2·5	20·0	+ 0·9	77	+ 6	23·2	17·8	0·0	...	5·2	5·0
5	1007·1	− 1·1	28·4	21·9	6·5	24·4	− 0·6	3·3	18·7	− 0·5	71	0	21·4	20·3	0·0	...	5·0	3·3
6	1006·5	− 1·7	26·1	20·0	6·1	23·3	− 1·7	2·6	18·8	− 0·5	76	+ 5	21·5	18·8	0·2	5	4·4	6·5
7	1005·8	− 2·3	28·7	20·0	8·7	23·4	− 1·7	2·6	18·9	− 0·5	76	+ 5	21·6	16·9	0·0	...	4·0	3·3
8	1007·0	− 1·0	29·1	18·6	10·5	24·1	− 1·0	3·1	18·8	− 0·6	72	+ 1	21·5	16·2	0·2	10	5·7	3·0
9	1007·0	− 1·0	29·8	20·0	9·8	24·1	− 1·1	2·3	20·1	+ 0·6	79	+ 8	23·3	17·5	1·0	17	5·2	5·8
10	1006·2	− 1·7	30·3	22·0	8·3	25·4	+ 0·2	2·9	20·5	+ 0·9	75	+ 4	23·9	19·3	0·5	13	6·3	5·7
11	1006·2	− 1·6	30·8	20·5	10·3	25·4	+ 0·1	3·0	20·3	+ 0·7	74	+ 3	23·6	20·4	0·0	...	6·2	5·7
12	1005·3	− 2·5	30·6	20·6	10·0	25·5	+ 0·2	2·9	20·6	+ 0·9	74	+ 2	24·0	20·4	0·0	...	6·6	4·1
13	1004·1	− 3·6	31·0	21·1	9·9	24·9	− 0·4	2·5	20·6	+ 0·9	77	+ 5	24·0	19·5	0·3	12	5·6	8·0
14	1003·5	− 4·1	29·5	20·9	8·6	23·9	− 1·5	1·8	20·8	+ 1·0	83	+ 11	24·3	19·5	12·8	123	3·4	8·6
15	1004·9	− 2·7	29·8	20·0	9·8	24·6	− 0·8	2·4	20·5	+ 0·6	78	+ 6	23·9	20·3	0·2	10	5·0	8·4
16	1006·2	− 1·3	29·0	22·1	6·9	25·4	0·0	2·6	21·0	+ 1·1	77	+ 5	24·6	19·5	0·2	10	7·2	5·6
17	1007·0	− 0·5	28·6	21·4	7·2	25·3	− 0·1	3·1	20·0	0·0	73	+ 1	23·2	18·5	0·2	20	5·4	5·6
18	1007·8	+ 0·4	28·3	22·3	6·0	25·0	− 0·5	3·5	19·0	− 1·0	69	− 3	21·8	18·2	2·0	25	7·0	6·9
19	1007·6	+ 0·3	28·5	20·9	7·6	24·9	− 0·6	3·4	19·1	− 1·0	70	− 2	21·9	19·2	0·0	...	6·2	3·5
20	1006·1	− 1·2	29·9	20·7	9·2	25·5	0·0	2·7	20·9	+ 0·8	76	+ 4	24·5	19·3	0·0	...	5·0	4·4
21	1004·3	− 2·9	30·0	22·4	7·6	25·8	+ 0·2	2·1	22·3	+ 2·1	81	+ 8	26·7	20·2	10·0	60	4·5	5·8
22	1004·5	− 2·7	29·6	22·0	7·6	25·6	0·0	2·1	22·1	+ 1·9	81	+ 8	26·3	19·7	0·2	5	4·2	7·4
23	1004·6	− 2·5	29·2	23·0	6·2	25·9	+ 0·3	2·1	22·4	+ 2·2	81	+ 8	26·8	21·7	0·0	...	3·5	7·8
24	1005·4	− 1·6	27·0	24·8	2·2	25·7	+ 0·1	2·3	21·8	+ 1·5	79	+ 6	25·9	22·6	2·4	40	2·4	9·5
25	1006·1	− 0·9	30·1	24·5	5·6	26·2	+ 0·5	2·6	21·8	+ 1·5	77	+ 4	25·9	23·3	2·3	15	5·9	7·2
26	1007·2	+ 0·3	30·0	23·2	6·8	26·4	+ 0·7	3·3	20·8	+ 0·4	71	− 2	24·3	21·6	0·0	...	6·0	3·9
27	1008·7	+ 1·9	29·8	23·3	6·5	26·2	+ 0·5	3·4	20·5	+ 0·1	71	− 2	23·9	20·9	0·0	...	6·0	5·6
28	1008·0	+ 1·3	28·3	22·4	5·9	25·1	− 0·6	3·3	19·5	− 1·0	71	− 2	22·4	20·7	1·0	17	7·2	6·1
29	1007·0	+ 0·3	29·4	22·0	7·4	25·3	− 0·5	3·0	20·2	− 0·3	73	− 1	23·4	19·8	0·2	5	6·2	5·5
30	1005·4	− 1·2	29·9	24·0	5·9	26·1	+ 0·3	2·9	21·2	+ 0·6	74	0	24·9	22·7	0·0	...	5·4	8·0
31	1005·1	− 1·5	30·5	24·3	6·2	26·8	+ 1·0	2·7	22·3	+ 1·7	77	+ 3	26·7	22·4	0·4	15	4·4	6·2
Mean	1006·3	− 1·2	29·3	21·7	7·6	25·1	− 0·3	2·7	20·5	+ 0·6	75·9	+ 3·9	24·0	19·8	Sum. 94·9	Sum 654	5·2	5·9
Aver.	1007·5	...	29·8	21·7	8·1	25·4	...	3·3	19·9	...	72·0	...	23·0	19·1	120·1	1330	6·4	5·4
Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18

GENERAL WEATHER CONDITIONS DURING THE MONTH OF DECEMBER 1926.

Except on 6 days pressure was below normal throughout the month and 1.2 mbs below in the mean.

Temperature was variable and was slightly below normal is the mean.

Relative Humidity and Vapour Tension were above normal.

Rainfall at the Observatory was 21% below normal in amount and 50% below in duration.

The percentage variations from the normal for the different districts of the Island were as follows:—

Northern Districts	River System 1,	15% below
Eastern Districts	,, ,, 2, 3, 4,	25% above
South-Eastern Districts	,, ,, 5 & 6	10% below
Western Districts	River System 11	45% above
	,, ,, 12	15% ,,
	,, ,, 13	45% below

10th March, 1927

TABLE VII.—DAILY RESULTS of METEOROLOGICAL OBSERVATIONS made during the month of DECEMBER 1926.

Month and Day 1926.	Duration of Bright Sunshine.	Percentage of Possible Sunshine.	Wind: Components. North.	Wind: Components. East.	Wind: Resultant: Direction°.	Wind: Resultant: Velocity.	Wind: Observed Velocity. Mean.	Wind: Observed Velocity. Excess above Average.	Temperature of the Soil at a depth of. 10 Feet.	5 Feet.	2 Feet.	12 inches	6 inches	3 inches	Weather
DEC.	hrs.	%	m.p.s.	m.p.s.	°	m.p.s.	m.p.s	m.p.s	c	c	c	c	c	c	
1	7·7	58	− 0·1	+ 0·2	297	0·2	1·5	− 1·9	24·9	25·3	26·3	26·9	27·1	27·5	b : f : c : f .
2	6·8	52	− 0·8	+ 1·3	302	1·5	2·1	− 1·3	24·9	25·3	26·5	27·1	27·1	26·8	f : c : f : c :
3	5·5	42	− 1·0	+ 1·0	315	1·4	2·6	− 0·8	25·2	25·5	26·6	27·2	26·9	26·8	c : b .
4	6·2	47	− 1·5	+ 3·0	297	3·3	3·4	0·0	24·9	25·4	26·7	27·2	27·1	27·0	b : cg : f .
5	8·4	64	− 1·9	+ 3·5	299	4·0	4·0	+ 0·6	24·9	25·5	26·7	27·0	26·5	26·7	b : f : c : f : b .
6	4·3	33	− 0·7	+ 2·7	285	2·8	2·9	− 0·5	24·9	25·4	26·7	26·8	25·9	25·8	b : : f : c : og : f : .
7	7·0	53	− 0·5	+ 1·1	294	1·2	2·0	− 1·4	25·0	25·4	26·6	26·5	26·0	26·1	b : f : og : b .
8	10·1	77	− 1·1	0·0	360	1·1	2·0	− 1·4	25·1	25·7	26·5	26·6	26·0	26·6	b : f : c : f : b.
9	6·2	47	− 1·0	+ 0·8	321	1·3	2·0	− 1·4	24·9	25·5	26·5	26·7	26·6	27·2	b : c : f .
10	9·1	68	+ 0·6	+ 1·5	248	1·6	1·8	− 1·6	25·1	25·7	26·6	26·9	27·2	27·5	f : c : f .
11	7·9	59	+ 0·8	+ 1·2	236	1·4	1·7	− 1·7	25·0	25·5	26·6	27·1	27·3	27·7	b : c : f :
12	9·5	72	+ 0·8	+ 0·6	217	1·0	1·8	− 1·6	24·9	25·7	26·7	27·2	27·2	27·8	b : f : c .
13	5·8	44	− 0·2	− 0·1	27	0·2	1·9	− 1·5	25·1	25·7	26·8	27·3	27·4	27·8	f : c : c : og
14	0·8	6	− 0·2	+ 0·6	288	0·6	1·5	− 2·0	24·9	25·7	27·0	27·3	27·1	27·0	f : og : tsm : og .
15	7·1	53	0·0	+ 1·5	270	1·5	1·6	− 1·9	24·9	25·7	27·0	27·0	26·8	26·7	c : .
16	11·8	89	+ 0·3	+ 2·7	264	2·7	2·9	− 0·6	25·1	25·5	27·0	27·2	27·4	27·7	f : c : f : c : f .
17	11·2	84	− 0·6	+ 4·2	278	4·2	4·2	+ 0·7	25·0	25·7	27·1	27·6	27·4	27·7	b : f : c : f .
18	10·2	77	− 0·2	+ 4·2	273	4·2	4·3	+ 0·8	25·1	25·8	27·1	27·7	27·2	27·4	c : f : c : f .
19	11·8	89	+ 0·5	+ 3·3	261	3·3	3·4	− 0·1	25·1	25·7	27·1	27·6	27·0	27·3	: f .
20	10·4	78	− 0·7	− 0·2	16	0·7	1·9	− 1·6	25·1	25·8	27·2	27·6	27·2	27·7	b : c : f .
21	6·3	47	− 0·2	− 0·2	45	0·3	1·7	− 1·8	25·1	25·6	27·2	27·6	27·5	27·4	f : c : ogt : f .
22	5·4	41	+ 2·0	+ 0·4	191	2·0	2·4	− 1·1	25·1	25·7	27·3	27·7	27·3	27·6	f : c .
23	3·4	26	+ 2·2	+ 1·6	216	2·7	3·0	− 0·5	24·9	25·9	27·3	27·6	27·4	27·5	cg .
24	0·9	7	+ 2·1	+ 2·7	232	3·4	3·6	+ 0·1	25·1	25·9	27·3	27·6	27·0	27·0	og .
25	7·0	53	+ 1·9	+ 2·8	236	3·4	3·5	0·0	25·1	25·8	27·3	27·5	27·0	27·4	c f .
26	12·3	93	+ 0·8	+ 2·5	252	2·6	2·7	− 0·8	25·1	25·8	27·3	27·7	27·4	28·0	b : f .
27	10·4	78	− 0·8	+ 2·8	286	2·9	3·0	− 0·5	25·1	25·9	27·4	28·0	27·8	28·5	f .
28	9·8	74	− 0·8	+ 4·0	281	4·1	4·2	+ 0·7	24·9	25·9	27·5	28·3	27·7	27·8	c : f .
29	10·4	78	0·0	+ 3·1	270	3·1	3·3	− 0·2	24·8	25·9	27·6	28·2	27·6	27·9	f .
30	5·3	40	+ 0·7	+ 3·5	259	3·5	3·6	+ 0·1	25·1	25·9	27·6	28·2	27·8	28·2	f : c .
31	9·3	70	+0·9	+2·9	253	3·0	3·1	− 0·4	25·1	25·9	27·6	28·3	28·0	28·4	f : c : f .
Mean	7·69	58·1	+0·04	+1·91	270·0	1·91	2·70	−0·76	25·01	25·67	27·00	27·40	27·13	27·37	...
Average	8·30	62·2	−0·10	+2·60	272·2	2·60	3·46	...	24·60	25·73	...	...	27·09	27·28	...
Column	19	20	21	22	23	24	25	26	27	28	29	30	31	32	

MEANS AND EXTREMES OF CERTAIN METEOROLOGICAL ELEMENTS DURING THE MONTH OF DECEMBER 1926.

Element	Highest			Date	Lowest		Date
Atmospheric Pressure	1010·0mbs	at	22h	on 3rd	1002·0mbs	at 14h	on 14th
Temperature of the Air	31·0C	at	14·00	on 13	18·6C	at 5·35h	on 8th
Daily range of temperature of the Air...	10·5C		...	on 8th	2·2C	...	on 24th
Temperature of the Dew Point	24·2C	at	15h on the	on the 21st	16·5C	at 11h	on 18th
Daily range of temperature of the Dew Point	6·4C		...	on 1st	1·6C	...	on 24th & 30th
Relative humidity...	98·2%	at	1h	on 3rd	50·6%	at 11h	on 18th
Wind Velocity	6·9 m.p.s.	at	16h 5th & 12h on 24th		0·6 mps	often	often
Rainfall	45·6 ending		5h	on the 3rd	...	...	...
Temperature of the soil at 3 ins. ...	30·3C	at	18h	on 27th	24·3	at 6h	on 8th
, at 6 ins. ...	28·7C	at	21	on 31st	25·1C	at 9h	on 8th
Duration of sunshine	12·3 hrs.		...	on 26th	0·8hrs.	...	on 14th
Amount of Evaporation in 24 hours	7·2mm.		...	on 16th & 28th	2·4 m.m.	...	on 24th
Vapour Tension	29·9mbs	at	15h	on 21st	18·6 mbs	at 11h	on 18th
Minimum on Grass	...		...	...	16·2C	...	on 8th

Number of Days Overcast, 8, Clear 1, of Rain 20, of Lightning 0, of Thunderstorm 1.

Mean Day Temperature of Air, 27·12C. Average, 27·69C. Mean Night Temperature of Air, 23·10C. Average, 23·68C.

outh (0); West (90°), North (180°), East (270°).

TABLE VIII.—ATMOSPHERIC PRESSURE IN MILLIBARS AT EVERY HOUR OF THE DAY AS DEDUCED FROM THE PHOTOGRAPHIC RECORDS.

(The values are corrected for temperature and for the effect of gravity, but are not reduced to sea level. (The cistern of the barometer is 55·2 metres above mean sea-level.)

DECEMBER 1926.

When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.

Hour \ Day	1d.	2d.	3d.	4d.	5d.	6d.	7d.	8d.	9d.	10d.	11d.	12d.	13d.	14d.	15d.	16d.	Day \ Hour
Midnight	0090	0081	0081	0088	0084	0072	0067	0070	0079	0069	0072	0066	0050	0040	0042	0062	Midnight
1h	0084	0075	0076	0082	0079	0068	0061	0066	0073	0063	0068	0060	0042	0036	0036	0056	1h
2	0078	0072	0071	0077	0072	0064	0058	0062	0072	0060	0065	0055	0039	0031	0031	0053	2
3	0075	0070	0070	0078	0070	0062	0055	0061	0070	0057	0064	0054	0035	0027	0030	0052	3
4	0075	0070	0069	0079	0070	0061	0053	0060	0071	0054	0061	0056	0037	0024	0031	0053	4
5	0077	0069	0072	0081	0070	0063	0051	0062	0073	0059	0062	0057	0040	0027	0035	0055	5
6	0080	0073	0078	0083	0072	0067	0055	0068	0077	0061	0068	0060	0048	0035	0042	0059	6
7	0083	0077	0086	0089	0074	0071	0058	0071	0080	0066	0071	0062	0051	0041	0053	0064	7
8	0085	0079	0088	0087	0076	0074	0060	0072	0080	0068	0071	0064	0052	0041	0055	0066	8
9	0083	0080	0084	0084	0078	0073	0061	0074	0079	0070	0071	0062	0050	0040	0060	0070	9
10	0082	0078	0081	0083	0079	0072	0059	0074	0078	0069	0070	0060	0046	0040	0057	0069	10
11	0081	0073	0080	0082	0076	0069	0056	0072	0073	0064	0066	0055	0041	0034	0056	0068	11
Noon	0081	0070	0076	0079	0074	0067	0051	0069	0069	0062	0060	0050	0037	0030	0050	0064	Noon
13h	0077	0068	0070	0073	0070	0064	0051	0067	0067	0057	0054	0044	0031	0025	0049	0060	13h
14	0073	0064	0067	0069	0062	0061	0049	0065	0062	0054	0050	0039	0030	0020	0042	0054	14
15	0071	0064	0065	0064	0059	0057	0050	0061	0061	0051	0044	0040	0030	0026	0040	0050	15
16	0068	0061	0064	0064	0053	0053	0051	0060	0060	0050	0043	0040	0030	0032	0040	0049	16
17	0069	0062	0068	0067	0058	0054	0051	0064	0060	0051	0045	0042	0032	0033	0043	0049	17
18	0070	0068	0075	0070	0060	0059	0056	0069	0062	0055	0050	0049	0038	0035	0051	0055	18
19	0078	0073	0082	0077	0067	0060	0060	0076	0066	0060	0059	0053	0043	0039	0058	0066	19
20	0080	0079	0090	0084	0073	0064	0066	0080	0068	0066	0062	0054	0045	0040	0061	0071	20
21	0083	0084	0099	0087	0075	0068	0071	0082	0068	0070	0068	0056	0046	0043	0063	0076	21
22	0087	0087	0100	0086	0077	0070	0072	0083	0070	0072	0071	0057	0044	0046	0067	0078	22
23	0086	0086	0099	0086	0074	0070	0071	0081	0071	0073	0070	0054	0041	0045	0066	0077	23

When the first figure is 1, it is omitted. The unit in the table is 0·1 millibar.

Hour \ Day	17d.	18d.	19d.	20d.	21d.	22d.	23d.	24d.	25d.	26d.	27d.	28d.	29d.	30d.	31 .	Mean	Day \ Hour
Midnight	0073	0079	0084	0082	0052	0050	0055	0051	0071	0071	0086	0084	0080	0066	0057	1006·9	Midnight
1h	0068	0073	0080	0075	0047	0046	0050	0048	0065	0069	0084	0081	0078	0064	0053	1006·5	1h
2	0066	0070	0076	0070	0042	0042	0043	0043	0059	0066	0081	0077	0073	0049	0050	1006·0	2
3	0064	0070	0070	0069	0040	0039	0038	0040	0055	0063	0081	0076	0072	0055	0046	1005·8	3
4	0063	0070	0070	0069	0039	0040	0038	0041	0056	0064	0083	0078	0072	0053	0042	1005·8	4
5	0065	0070	0072	0070	0039	0040	0040	0041	0057	0067	0087	0080	0071	0056	0048	1006·0	5
6	0069	0078	0078	0071	0043	0042	0047	0050	0061	0070	0094	0084	0074	0058	0050	1006·4	6
7	0071	0080	0084	0072	0050	0048	0050	0054	0062	0067	0098	0089	0077	0059	0053	1006·8	7
8	0071	0083	0086	0071	0051	0050	0053	0057	0065	0080	0100	0088	0078	0062	0054	1007·0	8
9	0073	0086	0089	0071	0051	0050	0054	0060	0067	0081	0100	0088	0079	0062	0059	1007·1	9
10	0072	0084	0088	0070	0050	0050	0055	0064	0069	0080	0096	0088	0080	0061	0058	1007·0	10
11	0071	0082	0083	0068	0044	0050	0054	0065	0068	0076	0093	0086	0075	0059	0057	1006·7	11
Noon	0070	0080	0079	0064	0040	0048	0050	0061	0065	0072	0089	0082	0068	0055	0053	1006·3	Noon
13h	0069	0078	0074	0059	0037	0047	0045	0052	0059	0066	0082	0078	0067	0050	0049	1005·9	13h
14	0064	0075	0068	0054	0038	0045	0043	0047	0054	0062	0077	0072	0063	0046	0042	1005·5	14
15	0062	0070	0060	0048	0036	0039	0040	0044	0050	0060	0076	0070	0056	0040	0040	1005·2	15
16	0060	0066	0060	0041	0031	0039	0037	0043	0050	0060	0074	0071	0054	0039	0040	1005·1	16
17	0063	0068	0062	0039	0032	0038	0038	0043	0050	0063	0075	0072	0056	0039	0041	1005·2	17
18	0067	0072	0067	0040	0034	0039	0039	0050	0055	0069	0082	0076	0061	0044	0047	1005·7	18
19	0074	0079	0070	0048	0040	0043	0041	0055	0060	0077	0088	0079	0067	0049	0054	1006·3	19
20	0080	0083	0073	0052	0047	0048	0047	0061	0064	0082	0089	0083	0069	0051	0057	1006·7	20
21	0082	0087	0078	0055	0051	0050	0050	0066	0066	0087	0091	0082	0071	0056	0060	1007·0	21
22	0083	0090	0081	0059	0054	0053	0051	0071	0070	0089	0090	0082	0070	0060	0061	1007·2	22
23	0082	0089	0082	0060	0052	0054	0051	0070	0071	0088	0089	0082	0070	0060	0060	1007·1	23

TABLE IX.—AMOUNT of CLOUD at every HOUR of the DAY (0 = CLEAR SKY, 10 = OVERCAST SKY).

Hour. \ Day.	December 1926.																															
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	Mean.
Midnight	0	4	10	0	1	0	2	0	0	6	0	0	4	7	9	6	2	8	0	3	3	3	6	2	8	2	5	7	6	6	4	3·7
1h	0	3	8	0	1	0	2	0	0	8	0	0	5	5	9	6	3	10	0	2	3	4	5	8	8	2	7	9	7	6	4	4·0
2	1	4	8	0	1	0	1	0	0	8	0	0	4	2	9	4	3	10	1	2	3	4	5	9	8	3	8	9	7	7	3	4·0
3	1	5	8	0	1	1	1	0	0	8	1	0	3	3	8	3	3	10	2	3	4	4	4	10	8	3	8	9	8	7	2	4·1
4	1	4	8	0	1	1	1	0	0	8	1	0	6	4	7	6	2	7	5	2	3	3	6	10	9	2	9	9	6	8	3	4·3
5	1	4	9	0	1	2	1	0	1	8	1	0	8	6	7	5	3	8	4	2	3	4	8	10	9	2	8	10	3	8	4	4·5
6	1	2	9	1	1	3	1	0	1	9	7	3	9	10	7	5	3	9	6	8	5	4	9	10	9	3	8	10	4	9	4	5·5
7	2	2	10	6	1	6	1	1	8	8	8	4	7	10	8	6	4	9	6	4	4	8	9	10	9	4	7	9	3	9	5	6·1
8	4	4	10	7	2	6	1	3	8	8	8	4	8	10	4	6	6	9	6	5	4	9	8	10	8	5	6	8	4	9	7	6·4
9	4	8	10	9	2	8	1	4	5	8	8	4	8	10	9	9	5	8	4	8	5	9	6	10	8	6	6	5	4	9	9	6·7
10	4	9	9	10	6	9	2	5	7	9	8	6	8	10	9	9	7	8	4	8	6	9	9	10	7	6	6	5	6	10	9	7·4
11	6	9	9	10	7	10	2	6	8	9	8	6	9	9	9	9	6	6	4	7	8	9	9	10	7	7	5	6	5	10	9	7·5
Noon	9	8	9	10	8	10	3	6	8	5	8	5	9	10	10	4	6	5	5	8	9	9	9	10	8	7	4	7	5	9	9	7·5
13h	10	10	9	10	8	10	4	6	9	5	9	3	7	10	9	4	7	5	3	5	9	9	10	10	8	7	4	6	5	9	9	7·4
14	10	10	9	10	8	10	9	6	9	5	8	3	7	10	8	6	7	7	3	5	10	8	10	10	7	8	5	3	5	8	9	7·5
15	10	10	10	6	8	10	9	9	10	5	8	3	9	10	8	7	9	8	2	4	10	9	10	10	8	4	6	3	6	8	9	7·7
16	10	10	8	8	7	10	9	8	9	5	8	6	10	10	9	7	9	8	2	6	10	9	10	10	8	4	6	4	6	8	9	7·8
17	9	9	6	9	6	10	9	6	10	4	8	7	10	10	10	8	8	8	3	7	10	9	10	10	9	4	5	3	7	9	8	7·8
18	7	8	4	7	5	10	9	6	10	4	9	8	10	10	10	8	9	8	4	4	9	9	10	10	9	3	4	2	7	9	8	7·4
19	5	4	2	5	3	10	8	4	9	4	8	8	10	10	10	6	8	7	6	3	8	9	9	10	8	2	3	3	7	9	7	6·6
20	2	7	1	4	1	9	4	1	8	3	8	7	10	10	10	4	6	6	3	2	4	9	8	10	6	1	3	4	6	9	5	5·5
21	0	8	0	4	0	9	1	0	7	3	7	8	10	10	10	4	4	4	5	2	4	9	8	9	3	1	2	5	5	10	2	5·0
22	0	9	0	2	0	6	0	0	6	1	4	7	10	10	9	3	5	2	4	2	3	8	7	9	2	2	3	5	5	2	4	4·2
23	2	10	0	1	0	4	0	0	3	0	2	5	10	9	7	2	6	0	2	3	2	8	5	8	1	4	5	6	5	5	5	3·9

TABLE X.—DURATION of BRIGHT SUNSHINE at every HOUR of the DAY as recorded by the CAMPBELL-STOKES SUNSHINE RECORDER.

Hour* Ending \ Day.	December 1926.																															
	d 1	d 2	d 3	d 4	d 5	d 6	d 7	d 8	d 9	d 10	d 11	d 12	d 13	d 14	d 15	d 16	d 17	d 18	d 19	d 20	d 21	d 22	d 23	d 24	d 25	d 26	d 27	d 28	d 29	d 30	d 31	Total.
	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	m.	hrs.
6h	13	15	0	8	13	1	13	21	28	0	0	3	0	0	6	19	0	0	0	12	13	0	1	0	0	13	0	0	0	0	4	3·0
7	60	26	0	40	60	43	60	60	35	35	40	60	32	0	55	59	45	3	45	58	58	30	38	11	26	60	53	2	60	2	42	20·0
8	60	60	0	60	60	20	60	60	0	58	50	60	58	0	50	55	60	11	54	60	60	55	30	42	6	58	60	6	59	4	58	22·2
9	60	60	19	60	60	45	60	60	50	30	60	60	52	9	40	45	60	50	56	53	60	45	57	2	39	58	60	60	55	16	57	25·0
10	50	60	45	55	60	52	60	58	52	40	59	40	40	0	52	58	60	60	60	35	60	36	53	2	55	57	60	60	55	17	59	25·2
11	60	60	43	0	51	24	60	54	60	59	60	36	12	21	32	52	60	60	60	13	45	52	15	0	50	60	60	60	58	28	50	22·6
Noon	46	60	30	0	10	0	60	24	53	60	44	22	28	0	45	60	55	60	60	40	10	11	7	0	42	60	60	60	59	20	5	18·2
13h	27	33	45	60	0	0	40	54	40	60	10	40	57	20	60	60	58	60	60	50	20	43	5	0	46	60	60	28	59	50	45	20·8
14	18	35	33	3	11	0	8	58	35	55	56	33	60	0	54	60	58	60	60	45	12	24	0	0	59	60	60	53	27	48	54	19·0
15	0	0	30	45	10	7	0	50	16	60	41	60	10	0	34	58	57	60	60	53	0	20	0	0	58	60	58	60	50	54	17	17·1
16	12	0	22	28	35	0	0	42	0	15	33	60	0	0	0	58	60	60	60	58	10	10	0	0	27	60	55	60	50	55	40	15·2
17	0	0	45	0	60	51	0	53	0	54	18	55	0	0	0	59	57	60	60	60	8	0	0	0	10	60	32	60	58	25	60	15·8
18	45	0	20	13	57	14	0	10	0	11	0	40	0	0	0	59	40	58	60	59	24	0	0	0	0	60	3	59	28	0	56	11·9
19	12	0	0	2	17	0	0	0	0	7	0	0	0	0	0	3	0	11	12	25	0	0	0	0	0	13	0	20	3	0	13	2·3

The total amount of registered sunshine was 238·3 hours and the total possible sunshine 411·5 hours.

* Reckoned from apparent midnight.

TABLE XI.—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(*To obtain temperatures on the Absolute Scale add* 273)

DECEMBER 1926.

Day. / Hour.	1d.		2d.		3d.		4d.		5d.		6d.		7d.		8d.		Day. / Hour.
	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	
Midnight	22·1	2·4	22·1	0·6	23·6	0·7	23·0	1·3	23·1	2·2	22·0	1·6	21·7	1·4	20·5	1·2	Midnight
1h	21·3	2·0	22·6	0·9	22·7	0·2	22·5	1·1	23·0	2·2	22·0	1·5	22·0	1·5	20·1	1·2	1
2	21·4	2·2	22·1	0·7	22·9	0·4	22·0	1·0	22·6	2·2	21·6	1·2	21·0	1·0	19·7	0·9	2
3	21·3	1·9	22·1	0.7	22·7	0·6	21·6	0·8	22·3	2·0	21·1	1·1	20·7	0·9	19·5	0·8	3
4	21·5	1·9	22·1	0.8	22·4	0·4	20·9	0·8	22·0	1·6	20·7	1·1	20·5	1·0	19·0	0·6	4
5	21·0	1·4	21·6	0.8	22·2	0·5	20·8	0·8	22·2	1·7	20·3	0·9	20·1	0·9	18·8	0·8	5
6	22·9	2·6	22·7	0.8	22·6	0·7	21·0	0·8	22·7	1·9	20·4	1·0	20·4	0·7	19·5	0·5	6
7	25·0	4·0	24·5	1.5	22·5	0·7	24·0	1·5	24·9	3·1	22·0	1·1	24·3	2·8	23·9	2·0	7
8	25·9	4·2	26·9	3.2	22·9	0·9	26·3	3·3	26·0	4·0	22·3	1·1	25·8	3·9	26·0	4·1	8
9	27·6	5·7	27·2	3.3	25·2	1·9	27·2	3·9	27·0	5·0	25·1	3·3	27·0	5·0	27·0	5·0	9
10	28·0	6·0	27·7	3.9	27·0	3·4	27·0	4·1	28·0	5·9	25·0	3·8	27·0	5·0	27·3	5·7	10
11	28·8	6·4	28·3	4.3	27·8	3·8	26·9	4·2	27·5	5·6	25·8	4·5	28·2	6·2	27·8	4·6	11
Noon	27·0	3·0	28·6	4.6	28·0	3·0	27·0	4·3	26·5	5·4	25·2	4·2	28·7	6·3	27·0	4·4	Noon
13h	28·9	4·1	27·9	3.5	28·3	3·1	27·0	4·0	26·1	4·6	25·5	4·4	27·0	5·3	27·5	5·4	13
14	27·8	3·4	27·6	3·1	28·3	3·3	26·5	3·9	26·4	4·7	25·6	4·5	26·0	4·1	28·2	4·9	14
15	25·9	1·2	23·8	0·9	28·2	3·2	27·3	4·2	26·3	4·5	25·7	4·8	23·1	1·7	28·0	4·9	15
16	26·5	1·6	25·5	1·5	27·1	2·8	20·1	3·9	26·7	5·1	25·1	3·8	23·2	2·1	27·9	4·9	16
17	25·9	1·8	26·0	1·9	27·0	4·0	25·3	3·3	25·7	4·1	25·3	4·3	23·0	2·2	28·0	5·2	17
18	26·3	2·0	25·0	1·5	26·2	4·1	24·6	2·6	24·6	3·3	24·0	3·6	23·8	2·6	26·8	4·7	18
19	24·6	1·7	24·3	1·0	24·3	2·6	23·5	1·7	23·5	2·5	23·5	2·5	23·0	1·9	25·0	3·5	19
20	23·5	1·4	24·0	0·9	23·9	2·5	23·0	1·9	22·9	2·1	23·3	2·4	22·5	1·5	23·8	2·7	20
21	22·6	1·0	24·0	1·0	23·0	1·9	22·8	1·9	22·6	2·2	23·1	2·3	21·9	1·4	23·0	2·1	21
22	22·1	0·8	23·9	0·9	22·8	1·8	22·9	2·1	22·2	1·8	22·7	1·8	21·1	1·1	22·5	2·1	22
23	22·0	0·8	23·7	0·8	23·0	1·5	23·0	2·1	22·1	1·6	22·4	1·6	20·9	1·3	21·9	1·8	23

Day. / Hour.	9d.		10d.		11d.		12d		13d.		14d.		15d.		16d.		Day / Hour
	Air	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	
Midnight	21·5	1·7	22·8	1·0	22·3	1·2	22·3	1·2	22·6	1·2	21·8	1·3	20·8	0·8	22·7	1·0	Midnight
1h	20·8	1·4	22·9	1·0	21·7	1·0	22·0	1·1	22·1	1·1	21·4	1·1	20·2	0·5	22·9	1·0	1h
2	20·1	1·1	22·4	0·9	21·4	1·1	21·7	1·1	22·0	1·0	21·2	1·0	20·2	0·6	22·5	0·9	2
3	20·7	1·2	22·7	1·0	21·1	0·9	21·5	1·0	22·1	1·1	21·3	0·9	20·3	0·4	22·1	0·4	3
4	20·6	1·1	22·1	0·8	20·9	0·9	20·9	0·9	21·9	1·0	21·0	0·7	20·4	0·5	22·9	1·0	4
5	20·6	1·0	22·1	0·7	20·8	0·8	20·7	0·7	21·1	0·8	21·4	0·8	20·4	0·5	23·0	1·0	5
6	21·5	0·7	22·6	0·9	21·2	0·8	21·1	0·6	21·9	0·9	21·8	0·8	21·0	0·7	23·9	1·0	6
7	23·6	1·9	24·8	1·9	24·6	1·6	25·5	2·5	24·0	1·2	23·3	1·1	24·7	2·0	25·5	2·1	7
8	24·4	2·3	26·0	3·0	25·9	3·1	27·0	3·6	2[illegible]·4	2·7	25·0	2·3	25·8	2·8	26·8	2·9	8
9	27·0	4·2	26·2	3·2	27·3	4·7	27·7	4·5	28·1	3·4	27·0	3·4	27·0	3·2	26·0	2·8	9
10	27·0	4·0	28·3	5·0	28·4	4·4	28·2	4·4	27·9	3·4	27·0	3·4	27·7	4·2	27·0	3·3	10
11	28·5	5·3	28·6	4·7	29·3	5·9	28·8	4·8	28·0	4·2	28·6	4·5	27·1	4·2	27·0	3·2	11
Noon	29·0	5·6	28·5	5·0	29·0	5·3	29·3	4·8	28·5	4·5	28·5	3·8	28·4	5·0	28·0	5·7	Noon
13h	27·4	3·9	29·0	6·0	28·8	4·8	29·1	5·0	30·4	5·2	29·2	4·9	28·9	5·3	28·5	5·7	13
14	27·5	3·5	29·7	6·3	29·7	5·1	30·2	5·3	31·0	6·0	28·9	4·5	28·7	5·1	28·7	5·7	14
15	25·6	2·7	29·5	6·2	29·6	5·7	29·9	5·9	28·2	4·6	27·0	3·5	28·4	4·4	28·0	4·9	15
16	25·6	3·0	28·2	5·2	30·0	5·3	29·8	5·4	27·5	4·2	22·6	0·6	27·0	4·0	27·6	4·4	16
17	25·4	2·7	28·0	4·8	28·0	4·7	29·0	4·9	25·2	2·6	23·0	0·8	26·8	3·3	27·4	3·9	17
18	24·8	1·9	26·4	3·4	27·0	4·1	27·7	3·9	24·6	2·5	23·5	0·8	26·1	2·5	26·7	3·4	18
19	24·5	1·5	25·1	2·7	25·9	3·0	24·7	2·3	22·6	1·8	23·2	0·6	25·0	1·9	25·1	2·1	19
20	23·9	1·3	24·4	2·3	25·1	2·4	24·5	1·2	23·1	1·4	22·7	0·7	24·4	1·5	24·6	1·7	20
21	23·0	1·1	24·0	1·9	24·2	1·9	24·2	2·0	23·0	1·1	22·2	0·6	23·8	1·3	24·1	1·5	21
22	22·9	1·2	23·1	1·2	23·7	1·7	23·9	1·8	23·0	1·4	21·9	0·7	23·1	1·1	23·9	1·7	22
23	22·3	1·1	22·9	1·4	22·9	1·5	23·0	1·3	22·3	1·3	21·0	0·7	22·9	1·1	23·6	1·6	23

TABLE XI. (*Contd.*)—TEMPERATURE of the AIR and EXCESS over TEMPERATURE of EVAPORATION in degrees CENTIGRADE at every HOUR of the DAY, as deduced from the PHOTOGRAPHIC RECORDS.

(*To obtain temperatures on the Absolute Scale add* 273)

DECEMBER 1926

Day / Hour	17d.		18d.		19d.		20d.		21d.		22d.		23d.		24d.		Day / Hour
	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	
Midnight	23·1	1·2	23·9	1·5	22·7	2·4	21·9	1·3	23·8	1·8	22·2	0·5	24·2	1·0	25·0	2·0	Midnight
1h	23·3	1·3	24·0	1·8	22·0	1·8	21·8	1·3	24·0	1·5	22·1	0·6	23·8	1·0	25·0	2·0	1h
2	23·0	1·3	23·7	1·7	21·8	1·8	21·6	1·2	23·4	1·3	22·1	0·4	23·4	0·9	25·0	2·1	2
3	22·5	1·4	22·3	0·6	20·9	1·2	20·8	0·9	23·8	1·1	22·1	0·5	23·9	1·0	25·0	2·2	3
4	22·7	1·5	23·0	1·5	21·5	1·5	20·7	0·9	23·7	1·1	22·1	0·5	23·1	0·7	25·0	2·2	4
5	22·8	1·9	22·8	1·5	22·5	1·2	20·9	0·9	23·4	1·0	23·1	0·7	24·0	1·0	24·9	2·1	5
6	22·3	1·4	22·5	1·3	23·4	1·9	22·0	0·9	23·7	1·0	22·8	0·7	24·3	1·0	24·9	2·0	6
7	25·0	2·5	23·2	1·4	25·1	3·1	24·7	2·3	26·3	2·3	24·5	1·5	26·4	1·7	25·3	1·4	7
8	26·7	4·5	25·4	3·4	26·6	4·4	26·5	3·5	27·5	3·5	26·2	1·8	26·7	2·2	27·0	2·9	8
9	27·6	5·1	26·5	4·8	27·0	4·6	27·6	4·4	28·2	4·2	27·5	2·8	28·0	3·0	26·6	2·2	9
10	27·6	5·0	27·0	5·9	27·9	5·4	28·0	4·5	29·4	5·4	28·3	3·4	29·1	4·1	26·0	2·0	10
11	27·9	4·9	27·7	6·7	28·1	5·5	27·9	3·9	29·6	4·7	28·2	3·2	28·6	3·5	26·9	3·0	11
Noon	27·7	4·9	28·0	6·1	28·4	6·1	28·9	4·1	28·7	3·5	28·3	4·1	28·7	3·9	26·3	2·5	Noon
13h	28·0	5·1	28·0	6·4	28·0	5·8	29·5	4·1	28·9	3·4	29·2	4·4	28·0	3·1	26·1	2·2	13h
14	28·0	5·0	27·6	5·6	28·0	5·5	29·0	4·1	28·0	3·4	29·0	4·1	27·0	2·2	26·9	3·2	14
15	28·0	5·1	27·9	5·9	27·7	5·8	29·1	3·8	26·2	1·2	28·6	3·6	27·7	2·7	26·7	3·2	15
16	27·3	4·5	27·0	5·2	27·0	5·1	28·8	3·8	26·7	1·7	28·0	3·5	27·5	3·3	26·4	3·0	16
17	26·9	4·5	26·4	4·7	27·0	5·1	28·7	3·7	26·8	1·9	27·9	3·4	26·5	3·5	26·1	2·8	17
18	26·0	3·9	25·7	4·1	26·0	4·0	28·0	3·8	26·9	2·0	27·0	2·9	25·3	2·5	25·9	2·5	18
19	25·3	3·3	24·5	3·0	25·0	3·2	26·5	2·6	25·5	1·3	26·3	2·3	25·0	2·2	25·4	2·2	19
20	24·4	1·9	23·7	2·2	23·9	2·2	25·0	2·3	24·4	1·1	24·9	1·5	24·6	1·6	25·0	1·9	20
21	24·0	1·7	23·9	2·5	23·0	1·9	24·3	2·2	23·9	1·0	24·6	1·4	24·5	1·5	25·0	2·0	21
22	23·8	1·6	23·9	3·0	22·6	1·5	23·7	1·9	23·3	0·9	24·7	1·4	25·0	1·4	24·9	1·9	22
23	23·0	0·7	23·1	2·4	22·4	1·5	24·0	19	22·7	0·8	24·4	1·3	24·9	2·0	24·9	1·9	23

Day / Hour.	25d.		26d.		27d.		28d.		29d.		30d.		31d.		Mean		Day. / Hour
	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Air.	Excess of Air over Evap.	Excess of Air over Evap.	Air.	Air.	Excess of Air over Evap.	
Midnight	24·9	1·9	24·5	1·8	24·7	1·8	24·9	2·0	23·0	2·0	24·2	1·5	25·5	2·4	23·0	1·5	Midnight
1h	24·7	1·7	24·5	1·9	24·6	1·8	23·6	0·9	23·0	1·9	24·1	1·6	25·5	2·3	22·8	1·4	1h
2	24·7	1·7	24·4	2·0	24·5	1·6	24·0	1·6	22·3	1·3	24·3	1·7	25·4	1·9	22·5	1·2	2
3	24·6	1·6	24·0	1·9	24·2	1·4	23·6	2·0	22·2	1·3	24·4	1·5	24·9	1·9	22·3	1·1	3
4	24·7	1·7	23·7	1·8	23·9	1·5	24·0	2·2	22·3	1·3	24·2	1·7	24·6	1·7	22·2	1·2	4
5	24·8	2·0	23·3	1·6	23·8	1·5	24·2	2·3	22·1	1·1	24·1	1·5	24·6	1·7	22·2	1·2	5
6	24·9	1·9	23·4	1·5	23·5	1·5	22·4	1·4	22·0	1·1	24·6	1·8	24·6	1·5	22·5	1·1	6
7	26·3	2·4	26·0	2·9	25·1	2·1	23·5	1·7	24·5	2·5	25·3	2·2	26·0	2·1	24·7	2·1	7
8	26·8	3·0	27·0	3·8	27·0	4·0	24·4	2·3	26·0	3·5	25·9	2·6	27·0	2·9	26·0	3·1	8
9	27·5	3·5	28·4	5·0	28·0	4·9	26·3	4·3	27·0	4·1	26·7	3·0	28·4	3·7	27·1	3·9	9
10	28·0	4·0	29·1	4·5	28·0	5·0	27·3	5·3	27·5	4·2	27·0	3·2	28·8	3·8	27·7	4·4	10
11	28·0	3·2	28·9	4·9	28·6	5·7	27·5	5·5	27·7	4·7	27·0	3·1	29·2	4·2	28·0	4·6	11
Noon	28·4	4·0	29·2	5·2	28·9	5·7	28·0	5·6	28·6	5·4	28·1	4·0	28·9	3·4	28.1	4·6	Noon
13h	29·1	4·2	29·6	5·4	29·2	5·9	27·0	4·8	28·8	5·7	28·7	4·8	30·0	5·0	28·3	4·7	13h
14	29·8	5·1	29·2	5·3	29·5	6·1	27·9	5·9	28·1	5·3	28·8	5·1	29·7	4·5	28·3	4·6	14
15	29·3	4·8	29·0	5·8	29·0	5·8	28·0	6·0	28·0	5·0	28·6	5·0	28·3	3·6	27·6	4·2	15
16	27·6	3·6	28·2	5·3	29·0	6·5	27·4	5·7	28·0	5·0	27·9	4·2	27·9	3·0	27·1	3·9	16
17	25·2	1·3	27·8	4·5	27·8	4·8	26·5	4·9	27·1	4·2	27·0	3·8	28·3	3·5	26·6	3·6	17
18	25·4	1·8	27·0	3·6	26·7	3·7	24·9	2·9	26·6	3·7	26·7	3·6	27·2	2·9	25·9	3·0	18
19	25·2	2·0	25·9	2·8	25·4	2·8	24·3	2·6	24·8	1·9	25·8	2·7	26·0	1·8	24·8	2·3	19
20	24·9	1·8	25·4	2·4	24·9	2·5	23·6	2·2	24·3	1·4	25·7	2·7	25·7	1·8	24·2	1·9	20
21	24·8	1·9	25·2	2·2	24·7	1·9	23·3	2·1	24·0	1·5	25·5	2·4	25·5	1·8	23·8	1·7	21
22	24·8	1·8	24·6	1·7	24·3	1·6	23·8	2·6	24·5	1·7	25·5	2·4	25·8	1·8	23·6	1·6	22
23	24·6	1·8	24·3	1·4	24·5	1·7	23·8	2·7	24·3	1·5	25·6	2·2	25·0	1·1	23·3	1·5	23

TABLE XII.—NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(The results are increased by 90 in order to obviate the necessity for signs. The unit in the table is 0·1 metre.)

DECEMBER 1926.

Day. / Hour.	1d.		2d.		3d.		4d.		5d.		6d.		7d.		8d.		Day. / Hour
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	
Midnight	897	907	892	918	888	912	898	906	887	933	882	927	895	912	895	905	Midnight
1h	896	910	886	921	890	923	896	910	885	923	890	925	893	916	884	907	1h
2	895	912	891	913	900	919	898	906	881	928	890	924	892	918	893	903	2
3	896	909	891	913	900	917	897	906	895	924	893	916	892	918	886	910	3
4	894	915	894	908	891	922	897	907	878	922	894	913	895	912	887	913	4
5	894	915	889	916	892	919	895	911	880	920	895	912	894	915	889	911	5
6	895	911	893	909	890	915	897	908	889	917	894	915	895	912	888	912	6
7	894	914	890	910	879	931	897	906	883	941	883	925	893	916	889	911	7
8	897	916	887	933	893	917	894	929	885	938	900	939	900	929	892	919	8
9	898	911	890	924	893	916	888	931	881	946	900	952	900	925	893	917	9
10	900	882	887	933	875	910	884	940	879	950	908	937	905	926	900	922	10
11	900	866	900	939	870	906	881	929	877	935	900	939	906	928	896	882	11
Noon	888	870	906	927	895	878	869	946	882	945	900	937	912	930	881	881	Noon
13h	907	883	887	866	907	883	881	947	886	934	892	939	904	919	876	864	13h
14	918	888	904	873	925	875	882	945	881	947	882	927	907	936	885	863	14
15	908	892	885	900	923	885	877	956	881	947	907	933	858	883	895	874	15
16	907	893	890	900	900	880	872	942	874	964	871	929	875	883	904	880	16
17	911	889	885	906	882	882	866	951	877	956	900	944	889	889	892	890	17
18	905	895	903	915	873	927	875	938	880	949	885	924	898	889	893	890	18
19	905	912	900	920	880	920	872	942	869	931	888	919	899	894	882	908	19
20	893	916	897	916	875	925	883	942	878	922	886	922	899	894	883	911	20
21	895	911	890	923	874	926	869	946	873	927	890	925	898	891	885	910	21
22	896	910	882	918	878	922	886	936	883	917	892	919	889	917	878	914	22
23	896	910	888	912	884	924	881	929	886	921	897	907	892	908	887	909	23

Day. / Hour.	9d.		10d.		11d.		12d.		13d.		14d.		15d.		16d.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	N.	E.	N.	E.	
Midnight	891	909	900	914	900	908	903	907	894	906	891	907	894	913	898	908	Midnight
1h	893	907	897	914	896	910	903	907	887	913	891	909	893	915	898	910	1h
2	891	909	897	908	893	916	906	913	890	910	890	910	895	911	898	911	2
3	890	910	893	915	895	912	904	909	891	909	892	908	894	913	897	915	3
4	887	913	897	907	895	912	903	913	892	908	891	909	894	915	897	917	4
5	890	910	895	911	897	908	895	912	887	913	889	911	894	915	894	929	5
6	892	908	897	906	897	906	897	908	892	908	889	911	896	909	900	919	6
7	900	927	897	908	897	908	900	909	894	906	895	905	892	920	900	930	7
8	895	925	911	916	904	918	907	916	908	908	896	904	889	929	908	938	8
9	905	923	912	909	904	918	907	915	914	890	892	908	893	916	911	929	9
10	905	926	918	918	904	921	913	913	914	878	902	911	910	924	914	936	10
11	911	926	913	934	915	923	923	910	921	879	913	897	910	924	918	943	11
Noon	911	926	918	927	925	917	928	911	910	877	916	876	909	921	915	938	Noon
13h	865	900	925	925	932	922	930	912	930	880	923	877	910	923	916	940	13h
14	857	882	919	919	919	912	931	894	932	887	920	880	910	924	917	941	14
15	865	893	923	915	930	900	924	876	909	878	900	936	907	915	913	932	15
16	875	890	911	917	933	913	926	883	900	883	902	911	904	921	907	933	16
17	883	893	910	924	927	911	922	886	880	920	897	906	903	914	908	937	17
18	890	896	904	921	908	911	915	893	878	914	857	906	901	907	906	930	18
19	894	898	903	915	905	911	886	922	873	894	897	906	901	907	900	925	19
20	894	898	901	906	903	907	889	911	891	898	896	910	901	907	892	920	20
21	890	910	902	911	903	907	894	906	888	898	894	913	900	909	890	923	21
22	890	910	900	915	903	907	893	907	890	904	893	916	900	911	891	921	22
23	892	908	900	910	903	907	892	908	890	904	895	912	898	908	890	923	23

TABLE XII.—(*Contd.*) NORTH and EAST COMPONENTS of the WIND, in metres per second, at every HOUR of the DAY.

(*The results are increased by* 90 *in order to obviate the necessity for signs. The unit in the table is* 0·1 *metre.*)

DECEMBER 1926.

Day. / Hour.	17d.		18d.		19d.		20d		21d.		22d.		23d.		24d.		Day / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	
Midnight	892	918	895	924	900	924	898	911	889	905	909	888	905	907	918	927	Midnight
1h	893	916	900	926	900	921	897	913	885	907	908	889	905	907	920	920	1h
2	893	915	890	924	900	920	899	907	890	904	910	886	906	908	915	924	2
3	894	913	892	938	900	923	899	907	887	913	906	892	907	910	911	928	3
4	890	924	886	935	900	926	897	914	889	911	909	887	908	910	911	928	4
5	900	924	890	947	906	930	893	909	892	908	911	908	907	916	917	926	5
6	897	915	889	926	900	927	894	908	890	910	903	913	905	911	915	923	6
7	900	932	908	938	911	952	895	907	888	912	916	924	909	921	918	927	7
8	888	958	900	958	921	951	885	900	900	928	922	922	936	924	924	936	8
9	887	964	888	957	908	937	885	915	903	913	931	912	946	919	931	931	9
10	888	961	888	958	918	944	873	911	895	911	929	919	943	917	940	926	10
11	900	954	900	960	915	937	897	887	892	920	933	907	954	922	939	926	11
Noon	900	967	900	968	921	950	924	900	907	865	955	900	950	921	964	926	Noon
13h	900	951	900	951	915	937	930	888	907	865	943	900	955	900	933	933	13h
14	900	966	911	953	919	947	907	867	906	870	944	900	932	900	934	934	14
15	889	956	911	954	910	951	893	864	897	887	934	900	938	900	932	932	15
16	889	956	900	947	900	948	894	872	897	884	941	900	932	921	921	932	16
17	887	965	910	950	891	943	883	883	900	888	932	900	926	926	918	927	17
18	887	965	900	952	892	939	875	883	904	894	919	908	914	922	919	928	18
19	900	941	900	935	893	934	879	896	907	891	909	907	909	921	904	921	19
20	900	949	900	920	896	918	879	909	903	895	908	906	904	920	905	926	20
21	900	923	900	934	897	916	891	904	907	890	908	908	904	921	905	925	21
22	892	937	900	932	897	913	885	906	909	888	907	910	911	929	904	918	22
23	894	927	900	932	898	911	889	905	908	889	905	907	911	929	905	926	23

Day. / Hour	25d.		26d.		27d.		28d.		29d.		30d.		31d.		Mean.		Day. / Hour.
	N.	E.	N.	E.	N.	E.	N.	E.	N.	E.	N.	E	N.	E.	N.	E.	
Midnight	906	929	904	921	906	929	900	935	889	929	900	926	905	924	897	916	Midnight
1h	904	918	907	916	905	926	893	936	892	920	900	939	905	925	897	916	1h
2	910	923	909	921	906	929	891	944	888	918	900	917	905	922	897	915	2
3	904	918	903	917	900	921	892	939	888	919	900	918	900	919	896	915	3
4	910	925	904	921	900	921	889	929	886	922	900	928	900	922	896	916	4
5	908	920	903	913	900	913	894	930	885	915	900	919	900	918	896	917	5
6	908	920	903	916	896	920	891	946	885	915	900	925	900	917	896	915	6
7	922	932	905	922	896	921	887	913	889	927	900	930	915	938	898	921	7
8	915	938	906	928	892	938	900	937	893	936	908	940	914	934	902	929	8
9	924	936	911	927	900	933	887	963	900	948	918	944	914	934	904	928	9
10	926	940	929	919	887	933	890	950	891	942	910	948	923	934	905	927	10
11	943	943	927	927	889	929	900	953	908	937	918	945	924	936	909	924	11
Noon	941	941	925	925	883	942	900	952	910	949	920	949	921	932	912	922	Noon
13h	936	936	917	942	886	936	917	941	917	941	916	940	925	938	912	917	13
14	943	943	910	925	884	940	900	962	916	939	916	940	907	936	910	917	13
15	943	943	916	940	885	937	900	950	921	950	917	941	908	937	906	918	14
16	924	936	907	936	885	937	889	956	908	940	917	943	908	940	902	918	15
17	929	919	906	930	888	931	877	956	909	943	914	935	906	931	900	920	16
18	920	913	905	926	883	926	892	938	914	934	900	936	907	935	898	919	17
19	908	920	900	924	887	920	885	938	900	927	900	934	906	931	895	918	18
20	906	915	900	921	888	918	886	922	900	923	900	935	905	923	895	916	19
21	909	921	900	927	885	923	887	919	894	930	900	934	904	921	894	917	20
22	905	926	900	921	889	927	889	927	900	931	907	933	905	924	895	918	21
23	905	922	900	931	889	929	889	926	900	922	900	931	905	925	896	917	22

TABLE XIII.—DIRECTION and VELOCITY of the WIND at every HOUR of the DAY as recorded by the ROBINSON CUP ANEMOMETER, during DECEMBER 1926.

The directions are given in points and the values indicate the direction from which the wind blows counting from South (0), West (8), North (16) and East (24).

The Velocities are given in Metres per second, using the factor 2·2.

*(The days on which the Normal Trade-Winds are interrupted are indicated by an asterisk *).*

DECEMBER 1926.

Hour \ Day	1d. *		2d. *		3d. *		4d.		5d.		6d.		7d. *		8d. *		9d. *		10d.		11d.		12d.		13d. *		14d.		15d.		16d	
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.
Midnight	26	0·8	26	2·0	28	1·7	26	0·6	26	3·5	27	3·2	26	1·3	28	0·7	28	1·3	24	1·4	24	0·8	22	0·8	28	0·8	29	1·1	26	1·4	25	0·8
1h	26	1·1	27	2·5	26	2·5	26	1·1	27	2·7	26	2·7	26	1·8	30	1·8	28	1·0	25	1·4	26	1·1	22	0·8	28	1·8	28	1·3	26	1·7	25	1·0
2	26	1·3	27	1·6	24	1·9	26	0·6	27	3·4	26	2·6	26	2·0	30	0·8	28	1·3	26	0·9	26	1·8	22	1·4	28	1·4	28	1·4	26	1·2	25	1·1
3	26	1·0	27	1·6	24	1·7	26	0·7	25	2·5	26	1·8	26	2·0	29	1·7	28	1·4	26	1·7	26	1·3	22	1·3	28	1·3	28	1·1	26	1·4	25	1·5
4	26	1·6	27	1·0	26	2·4	26	0·8	28	3·2	26	1·4	26	1·3	28	1·8	28	1·9	26	0·8	26	1·3	23	1·3	28	1·1	28	1·3	26	1·6	25	1·7
5	26	1·6	27	1·9	26	2·1	26	1·2	28	2·8	26	1·3	26	1·6	28	1·5	28	1·4	26	1·2	26	0·9	26	1·3	28	1·8	28	1·5	26	1·6	25	3·0
6	26	1·2	27	1·1	27	1·8	26	0·9	27	2·0	26	1·6	26	1·3	28	1·7	28	1·2	26	0·7	26	0·7	26	0·9	28	1·1	28	1·5	26	1·0	24	1·9
7	26	1·5	28	1·4	27	3·7	26	0·7	26	4·4	27	3·0	26	1·8	28	1·6	24	2·7	26	0·9	26	0·9	24	0·9	28	0·9	28	0·7	26	2·2	24	3·0
8	25	1·6	26	3·5	26	1·9	25	3·0	26	4·1	24	3·9	24	2·9	26	2·1	25	2·6	21	1·9	23	1·8	22	1·8	20	1·1	28	0·6	26	3·1	23	3·9
9	25	1·1	26	2·6	26	1·8	26	3·3	26	5·0	24	5·2	24	2·5	26	1·9	23	2·4	19	1·5	23	1·8	22	1·7	r13	1·7	28	1·1	26	1·8	22	3·1
10	r 8	1·8	26	3·5	30	2·7	26	4·3	26	5·4	23	3·8	23	2·7	24	2·2	23	2·7	20	2·6	23	2·2	20	1·8	11	2·6	23	1·1	22	2·6	22	3·9
11	8	3·4	24	3·9	31	3·1	27	3·5	27	4·2	24	3·9	23	2·9	r 7	1·8	22	2·8	22	3·6	21	2·7	18	2·5	12	3·0	15	1·3	22	2·6	22	4·7
Noon	6	3·2	23	2·8	d 7	2·3	27	5·6	26	4·9	24	3·7	22	3·2	4	2·7	22	2·8	21	3·3	19	3·0	18	3·0	10	2·5	11	2·9	22	2·3	22	4·1
13h	10	1·9	d 6	3·6	10	1·9	26	5·1	26	3·7	25	4·0	23	1·9	5	4·4	32	3·5	20	3·5	19	3·9	18	3·2	13	3·6	12	3·3	22	2·5	22	4·3
14	13	2·1	9	2·1	12	3·6	26	4·9	26	5·1	27	3·2	23	3·7	6	4·0	d 2	4·7	20	2·7	19	2·2	15	3·2	14	3·4	12	2·9	22	2·6	22	4·4
15	12	1·1	d 32	1·5	13	2·7	26	6·1	26	5·1	23	3·4	d 2	4·5	7	2·7	1	3·6	19	2·7	16	3·0	12	3·4	10	2·4	24	3·6	22	1·7	22	3·4
16	12	1·0	32	1·0	8	2·0	27	5·1	26	6·9	28	4·2	3	3·0	9	2·0	2	2·7	21	2·0	18	3·5	13	3·1	8	1·7	23	1·1	23	2·2	23	3·4
17	12	1·6	30	1·6	4	2·6	27	6·1	26	6·1	24	4·4	4	1·6	5	1·3	2	1·9	22	2·6	18	2·9	13	2·6	r28	2·8	26	0·7	23	1·4	23	3·8
18	12	0·7	23	1·5	r28	3·9	27	4·6	26	5·3	27	2·8	7	1·1	5	1·2	2	1·1	23	2·1	21	1·4	14	1·7	29	2·6	26	0·7	23	0·7	23	3·1
19	d 22	1·3	24	2·0	28	2·8	27	5·1	28	4·4	27	2·2	7	0·6	r30	2·0	2	0·6	23	1·5	22	1·2	27	2·6	1	2·8	26	0·7	23	0·7	24	2·5
20	26	1·8	25	1·6	28	3·5	26	4·5	28	3·1	27	2·6	7	0·6	29	2·0	2	0·6	23	0·6	22	0·8	28	1·5	1	0·9	26	1·1	23	0·7	26	2·2
21	26	1·2	26	2·5	28	3·7	27	5·6	28	3·9	26	2·7	7	0·9	29	1·8	28	1·4	23	1·1	22	0·8	28	0·8	1	1·2	26	1·4	24	0·9	26	2.5
22	26	1·1	28	2·5	28	3·1	26	3·9	28	2·4	26	2·1	r27	2·0	29	2·6	28	1·4	24	1·5	22	0·8	28	1·0	30	1·1	26	1·8	24	1·1	26	2·3
23	26	1·1	28	1·7	27	2·9	27	3·5	27	2·5	26	0·8	28	1·2	29	1·6	28	1·2	24	1·0	22	0·8	28	1·2	30	1·1	26	1·3	25	0·8	26	2·5

Hour \ Day	17d.		18d.		19d.		20d. *		21d. *		22d. *		23d.		24d.		25d.		26d.		27d.		28d.		29d.		30d.		31d.		Mean
	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Dir.	Vel.	Velocit
Midnight	26	2·0	25	2·5	24	2·4	25	1·1	30	1·2	11	1·5	21	0·9	21	3·3	23	3·0	23	2·1	23	3·0	24	3·5	26	3·1	24	2·6	23	2·5	1·8
1h	26	1·8	24	2·6	24	2·1	25	1·3	30	1·7	11	1·5	21	0·9	20	2·8	23	1·8	22	1·8	23	2·7	25	3·7	26	2·2	24	3·9	23	2·6	1·9
2	26	1·7	26	2·6	24	2·0	25	0·7	30	1·1	11	1·7	21	1·0	21	2·8	22	2·5	22	2·3	23	3·0	25	4·5	27	2·1	24	1·7	23	2·3	1·8
3	26	2·4	25	3·9	24	2·3	25	0·7	28	1·8	11	1·0	21	1·2	22	3·0	23	1·8	23	1·7	24	2·1	25	4·0	27	2·2	24	1·8	24	1·9	1·8
4	26	2·6	26	3·8	24	2·6	25	1·4	28	1·5	11	1·6	21	1·3	22	3·0	22	2·7	23	2·1	24	2·1	26	3·1	27	2·6	24	2·8	24	2·2	1·9
5	24	2·4	25	4·8	23	3·1	27	1·1	28	1·2	d 19	1·4	22	1·8	21	3·1	22	2·2	23	1·3	24	1·3	25	3·1	28	2·1	24	1·9	24	1·8	1·9
6	25	1·5	26	2·8	24	2·7	27	1·0	28	1·4	23	1·3	22	1·2	21	2·7	22	2·2	23	1·6	25	2·0	25	4·7	28	2·1	24	2·5	24	1·7	1·7
7	24	3·2	23	3·9	23	5·3	27	0·9	28	1·7	21	2·9	22	2·3	21	3·2	21	3·9	23	2·3	25	2·1	28	1·8	26	2·9	24	3·0	22	4·1	2·4
8	25	5·9	24	5·8	22	5·5	32	1·5	24	2·8	20	3·2	19	4·4	21	4·3	22	4·1	23	2·9	25	3·9	24	3·7	25	3·7	23	4·1	22	3·7	3·2
9	25	6·5	25	5·8	23	3·8	28	2·2	23	1·3	18	3·3	18	5·0	20	4·4	21	4·4	22	2·9	24	3·3	25	6·4	24	4·8	22	4·8	22	3·7	3·3
10	25	6·2	25	5·9	22	4·8	30	2·9	26	1·2	19	3·5	18	4·6	19	4·8	21	4·8	19	3·5	26	3·5	25	5·1	25	4·3	23	4·9	21	4·1	3·5
11	24	5·4	24	6·0	22	4·0	d 7	1·3	26	2·2	17	3·4	18	5·9	19	4·7	20	6·2	20	3·8	26	3·1	24	5·3	23	3·8	22	4·9	21	4·3	3·7
Noon	24	6·7	24	6·8	22	5·4	16	2·4	9	3·6	16	5·5	18	5·4	18	6·9	20	5·8	20	3·5	26	4·5	24	5·2	23	5·0	22	5·3	21	3·8	4·1
13h	24	5·1	24	5·1	22	4·0	14	3·2	9	3·6	16	4·3	16	5·5	20	4·7	20	5·2	22	4·5	26	3·9	22	4·4	22	4·4	22	4·3	21	4·6	3·9
14	24	6·6	23	5·4	22	5·1	9	3·4	9	3·1	16	4·4	16	3·2	20	4·8	20	6·1	22	2·7	26	4·3	24	6·2	22	4·2	22	4·3	23	3·7	3·9
15	25	5·7	23	5·5	23	5·2	7	3·7	7	1·3	16	3·4	16	3·8	20	4·5	20	6·2	22	4·3	26	4·0	24	5·0	22	5·4	22	4·4	23	3·8	3·8
16	25	5·7	24	4·7	24	4·8	7	2·9	7	1·6	16	4·1	19	3·8	21	3·8	21	4·3	23	3·7	26	4·0	25	5·7	23	4·1	22	4·6	23	4·1	3·4
17	25	6·6	23	5·1	25	4·4	4	2·4	8	1·2	16	3·2	20	3·7	21	3·3	19	3·5	23	3·1	26	3·3	26	6·1	23	4·4	22	3·8	23	3·2	3·3
18	25	6·6	24	5·2	25	4·0	3	3·0	11	0·7	18	2·1	21	2·6	21	3·4	19	2·4	23	2·7	27	3·1	25	3·9	22	3·7	24	3·6	23	3·6	2·7
19	24	4·1	24	3·5	25	3·5	1	2·1	11	1·1	19	1·1	22	2·3	23	2·2	22	2·2	24	2·4	27	2·4	26	4·1	24	2·7	24	3·4	23	3·2	2·4
20	24	4·9	24	2·0	25	1·8	30	2·3	11	0·6	19	1·9	23	2·0	23	2·7	22	1·6	24	2·1	27	2·1	27	2·6	24	2·3	24	3·5	23	2·4	2·0
21	24	2·3	24	3·4	25	1·6	30	1·0	11	1·2	20	1·2	23	2·2	23	2·6	22	2·3	24	2·7	27	2·7	27	2·3	25	3·1	24	3·4	23	2·1	2·1
22	25	3·8	24	3·2	25	1·3	30	1·6	11	1·5	21	1·2	22	3·1	23	1·8	23	2·7	24	2·1	26	2·9	26	2·9	24	3·1	23	3·4	23	2·5	2·2
23	25	2·8	24	3·2	25	1·1	30	1·2	11	1·4	21	0·9	22	3·1	23	2·7	23	2·3	24	3·1	26	3·1	26	2·8	24	2·2	24	3·1	23	2·6	2·0

d = direct r = retrograde.

TABLE XIV.—RAINFALL at every HOUR of the DAY at the ROYAL ALFRED OBSERVATORY MAURITIUS for DECEMBER 1926.

Hour \ Day	1d	2d	3d	4d	5d	6d	7d	8d	9d	10d	11d	12d	13d	14d	15d	16d	17d	18d	19d	20d	21d	22d	23d	24d	25d	26d	27d	28d	29d	30d	31d
	...	...	...	...	mm.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	mm	mm	...
1h	...	...	1·4	...	...	...	...	...	...	0·3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·5	...	...	...
2	...	...	7·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...
3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·8	...	...	...	...	...	...	...	...	...	...	...	...	...
4	...	...	0·2	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	...	...	0·4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...	0·2	...	...	...	...	...	0·3	...	...	...
7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·8	...	...	...	...	...	1·1	...	...	...	...	...	...	...
8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...
9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...
10	...	...	...	...	...	0·2	...	0·2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...
Noon	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	0·1	...	...	...	...	...	...	0·2
13h	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	2·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	13·2	31·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6·1	...	...	...	...	...	...	...	...	...	...
16	...	1·0	...	...	...	...	...	...	...	...	...	...	...	10·8	...	...	...	...	...	...	3·9	...	...	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	1·0	...	...	...	...	...	...	...	...	...	...	1·7	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	0·5	...	...	...	...	0·8	0·2	...	...	...	...	...	...	...	...	...	0·6	...	...	...	...	...	...
19	...	...	...	...	...	...	...	...	0·5	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	...	...	...	...	...	...	...	...	...	...	...	...	0·1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	0·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	...	3·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0·2

TABLE XV.—TOTAL MONTHLY RAINFALL at VARIOUS STATIONS in MAURITIUS, grouped according to the RIVER SYSTEMS as indicated on the CHART for the MONTH of DECEMBER 1926.

River System.	Register Number	Station	Approximate Altitude feet.	Total fall in inches.	Total fall in mill.	Normal in mill.	Number of days.
1	2	St. Antoine	50	1·30	33·0	83·8	4
	3	Belmont	50	1·30	33·0	74·4	9
	4	Poudre d'Or	20	2·18	55·0	71·4	9
	5	Mon Loisir (R.)§ ...	300	...	...	...	...
	6	Mon Loisir S. E.§ ...	300	...	...	...	...
	7	Forbach§	300	...	...	...	...
	8	Labourdonnais§ ...	290	...	...	...	...
	9	Beau Séjour§	300	...	...	...	...
	10	Mont Piton§	360	...	...	...	...
	11	Mon Choix§	700	...	...	...	...
	12	Antoinette	640	4·31	109·5	146·6	9
	13	California§	850	...	...	...	...
	14	Nouvelle Découverte ...	1,400	3·75	95·2	147·3	12
	15	Mon Songe	620	5·79	147·1	157·2	15
	16	La Grande Rosalie§ ...	643	...	...	...	...
	17	The Mount§	325	...	...	...	...
	18	Botanic Gardens ..	325	6·46	164·1	127·8	6
	19	The Observatory ...	179	3·74	94·9	123·4	20
	20	Solitude§	175	...	...	...	...
	21	St André§	90	...	...	...	...
	22	Belle Vue Harel§ ...	350	...	...	...	...
	23	Mont Choisy§	10	...	...	...	...
	25	Esperance (Trébuchet)§	165	...	...	...	...
	28	Mon Rocher§	...	...	...	...	...
	45	Roche Bois Station§ ...	44	...	...	...	...
	46	Riche Terre Station§ ...	106	...	...	...	...
	47	Terre Rouge Station§ ...	137	...	...	...	...
	48	Mapou Station§ ...	296	...	...	...	...
	49	Poudre d'Or Station§ ...	772	...	...	...	...
	50	Rivière du Rempart§ ...	134	...	...	...	...
2 & 3	1	Union Régnard S.E.§ ...	600	...	...	...	...
	2	Constance d'Arifat L.G.	100	5·98	151·9	118·7	9
	3	St. Julien Church§ ...	1,050	...	...	...	...
	4	Riche Fund	600	8·53	216·7	100·0	13
	5	Constance (Manès)§ ...	..	...	...	...	...
	6	Queen Victoria§ ...	..	...	...	...	...
	7	Belle Mare§	...	...	...	...	...
	8	Bel Etang (Lesur)§ ...	...	...	...	...	...
	9	Belle Vue (Allendy)*	...	7·54	191·5	...	9
	10	St. Julien E(K. Reetoo)§	...	...	...	...	...
4	1	Sans Souci§	900	...	...	...	...
	2	Etoile§	400	...	...	...	...
	3	Beau Champ	20	4·06	103·1	124·7	8
	4	Belle Rive§	400	...	...	...	...
	5	Olivia§	400	...	...	...	...
	6	Deep River§	350	...	...	...	...
	7	Belle Rose Estate§ ...	...	...	...	...	...
	8	Melrose§	...	...	...	...	...
	9	Bonne Veine*	...	13·13	333·5	...	26
5	1	Rose Belle§	850	...	...	...	...
	2	Riche-en-Eau§	460	...	...	...	...
	3	Ferney§	20	...	...	...	...
	4	Beau Vallon§	60	..	...	...	...
	5	Union Vale§	200	..	...	...	...
5 cont.	6	Mon Désert (Carié)§ ...	75	...	...	...	...
	7	Cluny§	1,000	...	...	...	...
	8	Union Park§	...	...	...	...	...
	9	Sauveterre Estate* ...	...	2·65	67·3	...	7
	10	Bananes Estate§ ...	...	...	...	...	...
6	1	Kanaka§	2,000	..	...	...	...
	2	Tivoli*	1,300	7·95	201·9	...	19
	3	La Flora*	1,050	5·00	127·0	...	18
	4	Britannia§	730	...	...	...	...
	5	Savannah (Mill)§ ...	200	...	...	...	...
	6	St. Aubin§	300	...	...	...	...
	7	Union B.A.St.Félix S.E.§	90	...	...	...	...
	8	Beau Bois§	350	...	..	...	...
	9	St. Avold*	900	5·53	140·5	...	16
	10	Terracine§	100	...	...	...	...
	11	St. Félix S.E.§	...	...	...	...	...
	12	Bel Air§	..	...	...	...	...
	13	Chamouny§	...	...	...	...	...
	14	Union S. E.*	...	6·41	162·8	...	12
	15	Fontenelle*	...	7·35	186·7	...	8
	16	Combo§	...	...	...	...	...
	17	St. Felix (Wilson)§ ...	...	...	...	...	...
	18	Choisy Estate§	...	...	..	...	...
7, 8 & 9	1	Bel Ombre§	40	..	...	...	...
	3	Beau Champ§	...	...	...	...	...
	4	Board§	...	...	...	...	...
	12	Tamarin Station§ ...	155	...	...	...	...
	13	Médine Station§ ...	184	...	...	...	...
	14	Albion Station§ ...	72	...	...	...	...
10		No returns	...	...	...	...	...
11	1	Les Gorges§	...	...	...	...	...
	2	Curepipe Gardens ...	1,840	12·48	317·0	237·0	25
	3	Mare aux Vacoas ...	1,850	13·51	343·1	267·4	20
	4	La Marie Filter Bed ...	1,700	12·87	326·9	172·7	20
	5	Réunion§	1,420	...	...	...	...
12	1	The Manse	850	5·84	148·3	141·7	17
	2	The Bower§	1,080	...	...	...	...
	3	Le Réduit (D. of A.)§...	1,000	...	...	...	...
	4	Alma	1,460	12·11	307·6	259·0	20
	5	Bagatelle§	1,250	...	...	...	...
	6	Highlands*	1,300	8·85	224·8	...	14
	7	Trianon	950	7·52	191·0	156·0	14
	8	Salency§	923	...	...	...	...
	9	La Ferme*	850	2·91	73·9	...	14
	10	Bon Air§	1,050	...	...	...	...
	11	Val Ory	1,100	6·78	172·2	146·8	23
	12	Ebène§	...	...	...	...	...
	13	Mon Rêve§	...	...	...	...	...
	14	Bassin§	...	...	...	...	...
	15	Hermitage§	...	...	...	...	...
	16	Côte d'Or	...	13·53	343·7	...	14
	17	Mon Repos§	...	...	...	...	...
13	1	The Albion Dock§ ...	18	..	...	...	...
	2	Institute*	...	1·75	44·5	...	4

* Normals not available. §Record not Received.

TABLE XVI.—OBSERVATIONS of the DIRECTION and VELOCITY of CLOUDS made at the AEROLOGICAL STATION VACOAS 424·5 metres above SEA LEVEL during the month of DECEMBER 1926.

Day \ Type	Time	Scud Dir.	Scud Vel./Height	Cumulus Cu. st. &c. Dir.	Cumulus Cu. st. &c. Vel./Height	Alto cu: Alto st: Dir.	Alto cu: Alto st: Vel./Height	Cirro Cumulu Dr.	Cirro Cumulu Vel./Height	Cirro Stratus Dir.	Cirro Stratus Vel./Height	Cirrus Dir.	Cirrus Vel./Height	Time	Scud Dir.	Scud Vel./Height	Cum: Cu. st. &c. Dir.	Cum: Cu. st. &c. Vel./Height	Alto Cum Alto St: Dir.	Alto Cum Alto St: Vel./Height	Cirro Cum Dir.	Cirro Cum Vel./Height	Cirro Stratus Dir.	Cirro Stratus Vel./Height	Cirrus Dir.	Cirrus Vel./Height
	h		°		°		°		°		°			h		°		°		°		°		°		°
1	11¾	...	...	310	0·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	11½	...	...	240	0·6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	11	345	0·7	300	0·7	...	...	...	...	...	...	...	...	14½	345	1·1	300	0·3	...	...	...	...	...	...	...	...
4	9½	...	...	255	0·6	...	...	...	...	...	...	...	...	12¼	...	...	250	0·8	...	...	...	...	...	...	...	...
5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	11½	310	0·5	310	1·0	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	11½	...	...	300	0·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	10	...	...	250	0·5	...	...	...	...	...	...	...	...	12½	280	0·9	310	1·0	...	...	...	...	...	...	...	...
10	11¼	...	...	250	0·7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	...	...	...	...	...	...	...	...	...	...	...	...	...	14½	240	0·5	150	0·7	...	...	...	...	...	...	...	...
12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	...	...	...	...	...	...	...	...	...	...	...	...	...	14¼	...	...	255	0·3	...	...	...	...	...	...	...	...
14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	8¼	...	...	256	1·1	...	...	...	...	...	...	...	...	14½	...	...	270	0·4	...	...	...	...	...	...	...	...
17	...	...	...	...	...	...	...	...	...	...	...	...	...	13¾	...	...	300	1·1	...	...	...	...	...	...	...	...
18	...	...	...	...	...	...	...	...	...	...	...	...	...	12¼	...	...	310	0·6	...	...	...	...	...	...	...	...
19	11¼	...	...	295	0·5	...	...	...	...	...	...	...	...	13½		...	270	0·7	...	...	...	...	...	...	...	...
20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	12h	...	...	265	0·8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	...	...	...	...	...	...	...	...	...	...	...	...	...	14¼	...	...	270	0·4	...	...	...	...	...	...	...	...
23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	12½	...	...	285	0·6	...	...	...	...	...	...	...	...	14¼	300	0·7	270	0·9	...	...	...	...	...	...	...	...
28	11¾	...	...	315	0·6	...	...	...	...	...	...	...	...	15	300	1·4	285	0·8	...	...	...	...	...	...	...	...
29	11	...	...	295	0·5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

The Direction is that from which the Cloud travels, counting South (0°) West (90°); North (180°) The Velocity-Height-Ratio is given in milliradians per sec.

Monthly and Yearly Means and Extremes of the Meteorological Elements for the Year 1926.

Month 1926.	Atmospheric Pressure	Temperature of the Air (Cent). Highest	Lowest	Absolute Range	Mean of the Daily Maxima	Mean of the Daily Minima	Mean of the Daily Ranges.	Mean.	Excess of Air Temperature over Evaporation Temperature.	Temperature of the Dew Point.	Degree of Humidity (Saturation =100).	Elastic Force of Vapour.	Rainfall. Amount recorded by the Beckley Pluviograph.	Duration.	Mean Daily Amount of Evaporation.
	mbs.	c	c	c	c	c	c	c	c	c		mbs.	mm.	mins.	mm.
Jan.	1005·1	32·7	21·1	11·6	30·5	23·6	6·9	26·5	2·5	22·3	77·5	26·6	103·4	1130	6.5
Feb.	1006·9	32·8	20·3	12·5	30·1	23·4	6·7	26·3	2·6	21·5	76·7	26·0	74·4	695	6.6
Mar.	1006·7	32·0	19·0	13·0	30·3	22·3	8·0	25·8	2·5	21·6	77·7	25·6	68·6	705	5.7
Apr.	1005·7	30·7	17·3	13·4	28·1	22·4	5·7	24·8	1·9	21·4	81·7	25·5	202·3	2575	5.4
May	1009·8	27·6	15·4	12·2	25·9	19·0	6·9	22·2	2·2	18·4	79·4	21·0	206·0	1480	4.2
June	1012·5	26·0	14·7	11·3	24·3	18·5	5·8	21·2	2·2	17·3	78·5	19·7	71·0	970	3.7
July	1012·7	25·3	14·6	10·7	23·9	17·9	6·0	20·6	2·6	16·0	75·0	18·1	98·4	1615	4.2
Aug.	1013·4	25·7	15·2	10·5	23·9	17·9	6·0	20·6	2·2	16·7	78·5	18·9	127·0	2210	3.8
Sep.	1011·8	27·9	14·7	13·2	25·4	17·6	7·8	21·3	2·8	16·4	73·7	18·5	6·5	105	4.7
Oct.	1010·2	29·3	12·5	16·8	26·7	17·4	9·3	21·9	3·5	15·7	68·4	17·8	20·6	314	6.3
Nov.	1010·3	29·3	17·5	11·8	27·4	20·2	7·2	23·3	2·9	18·3	73·9	20·9	102·2	1414	6·7
Dec.	1006·3	31·0	18·6	12·4	29·3	21·7	7·6	25·1	2·7	20·5	75·9	24·0	94·9	654	5·2
													Sum	hrs.	
Year	1009·3	29·2	16·7	12·5	27·1	20·2	6·9	23·3	2·5	18·8	76·4	21·9	1175·3	231·1	5·2
Max.	1017·4 Aug. 22	32·8 Feb. 13	...	16·8 Oct.	30·5 Jan.	...	9·3 Oct.	...	...	25·8 April 3	99·0 Jan. 5	32·9 April 3	65·6 ending 18 hour on April 19		10·3 Nov. 9
Min.	979·5 April 19	...	12·5 Oct. 11	10·5 August	...	17·4 Oct.	5·7 April	...	...	10·3 Oct. 15	36·0 Oct. 15	12·4 Oct. 15	...	...	0·3 May 27
Col.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Month 1926.	Temperature on the grass. Mean of the Daily Minima.	Temperature of the Soil (Cent.) Feet 10.	Feet 5.	Feet 2.	ins. 12.	ins. 6.	ins. 3.	Mean Amount of Cloud (0—10).	Daily Duration of Bright Sunshine.	Percentage of Possible Sunshine.	Wind. North Component.	East Component.	Resultant. Direction.	Velocity.	Recorded Velocity.	Number of Days of. Rain.	Thunder storms.	Lightning
	c	c	c	c	c	c	c		hrs.		m.p.s.	m.p.s.	°	m.p.s.	m.p.s.			
Jan.	20·9	25·23	26·26	28·29	28·88	28·35	28·53	6·6	7·65	58·2	—0·16	+2·70	273·4	2·70	3·49	19	0	4
Feb.	20·9	25·42	26·82	28·68	29·02	28·64	29·14	5·8	9·00	70·7	—0·05	+2·26	271·3	2·26	3·05	18	4	3
Mar.	19·1	25·79	27·10	28·46	28·60	28·17	28·17	5·5	7·61	61·7	—0·34	+1·89	280·2	1·92	2·37	15	1	1
Apr.	19·8	25·94	27·12	27·89	27·60	27·03	27·00	6·5	6·94	59·6	—1·26	+2·04	301·7	2·40	3·74	23	1	4
May	15·5	26·13	26·53	25·73	24·89	24·21	24·15	5·5	7·06	63·0	—1·02	+2·17	295·2	2·40	3·00	20	3	2
June	14·9	25·95	25·60	24·24	23·73	22·61	23·05	5·3	7·56	69·3	—1·08	+3·27	283·3	3·43	3·72	21	0	0
July	14·6	25·73	24·69	23·15	22·29	25·73	22·67	5·4	7·53	68·5	—1·13	+3·45	288·1	3·63	5·02	22	0	0
Aug.	14·5	25·30	24·05	22·84	22·37	22·13	23·64	6·2	6·48	56·9	—1·30	+2·76	295·2	3·05	3·38	18	0	0
Sep.	14·3	24·95	24·00	23·42	23·30	23·32	24·10	5·8	7·34	61·4	—0·86	+2·49	289·1	2·63	3·11	8	0	0
Oct.	14·8	24·86	24·35	24·51	24·63	24·81	24·81	4·9	9·08	72·6	—0·88	+2·19	291·9	2·36	3·24	12	0	0
Nov.	18·1	24·86	25·04	25·87	26·04	24·86	26·02	5·3	9·23	71·0	—0·10	+3·44	271·7	3·44	3·68	14	0	0
Dec.	19·8	25·01	25·67	27·00	27·40	27·13	27·37	5·9	7·69	58·1	+0·04	+1·91	270·0	1·91	2·70	20	1	0
Year	17·3	25·43	25·60	25·84	25·73	25·58	25·72	5·7	7·76	64·2	—0·68	+2·55	284·6	2·64	3·37	210	9	14
Max.	...	26·2 in May	27·3 in Mar.	29·1 in March	29·6 in Feb.	31·0 Feb. 13	32·2 Feb. 14	10·0 in Apr May Nov	12·4 Nov. 30	97 Aug. 23 & 25	...	...	...	...	18·4 Apr. 19	23 Apr.	4 Feb	4 Jan. April
Min.	9·1 Oct. 10	24·8 Nov. Dec.	23·9 in Aug. & Sept	22·4 in August	21·3 in July & Aug.	20·1 Aug. 1	20·4 July 31	0.7 July 20	0·0 often	0 often	...	...	...	...	0·0 often	8 Sept.	0	0
Col.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	3

Mean Monthly Values of the Magnetic Elements 1926

Month.	Declination (West)	Horizontal Force (C.G.S. Units.)	Vertical Force. (C.G.S. Units.)	Total Force (C.G.S. Units.)	Dip. (South)	X	Y	Z	Mean of the Daily Ranges: Declination.	Mean of the Daily Ranges: Horizontal Force. (Unit $_1\gamma$.)	Mean of the Daily Ranges: Vertic Force (Unit $_1\gamma$.)
	° ′				° ′						
January... ...	11.15·12	·22873	·29839	0·37597	52.31·69	·22433	—·04463	.29839	8·92	47·8	24·6
February ...	11.15·92	·22847	·29813	0.37560	52.32·07	·22406	—·04463	·29813	9·69	49·2	22·6
March	11.16·94	·22838	·29796	0·37542	52.31·08	·22397	—·04467	·29796	8·86	54·2	25.5
April	11.16·62	·22842	·29813	0·37558	52.32·50	·22401	—·04467	·29813	7·05	48·8	22.1
May	11.18·15	·22867	·29876	0·37623	52.34·17	·22423	—·04482	·29876	5·99	32·4	22.0
June	11.19·20	·22863	·29868	0·37614	52.34·06	·22418	—·04488	·29868	4·97	39·5	21.5
July	11.19·55	·22864	·29871	0·37657	52.34·17	·22419	—·04490	·29871	6·30	33·9	28·6
August	11.20·84	·22857	·29853	0·37597	52.32·66	·22410	—·04497	·29853	7·78	32·7	30·9
September ...	11·21·70	·22834	·29851	0·37583	52.35·20	22386	—·04498	·29851	9·10	50·2	31·0
October	11.23·23	·22836	·29864	0·37594	52.35·78	·22387	—·04510	·29864	8·92	48.2	31·8
November ...	11.25·07	·22854	·29861	0·37606	52.34·50	·22401	—·04524	·29865	8·47	32·5	27·0
December ...	11.25·31	·22846	·29879	0·37612	52.35·90	·22393	—·04524	·29879	7·89	44·5	24·0
For the year* ...	11.19·80	·22852	·29849	0·37595	52.33·65	·22406	—·04489	·29849	7·83	42·8	26.0

* Mean of the twelve monthly values.