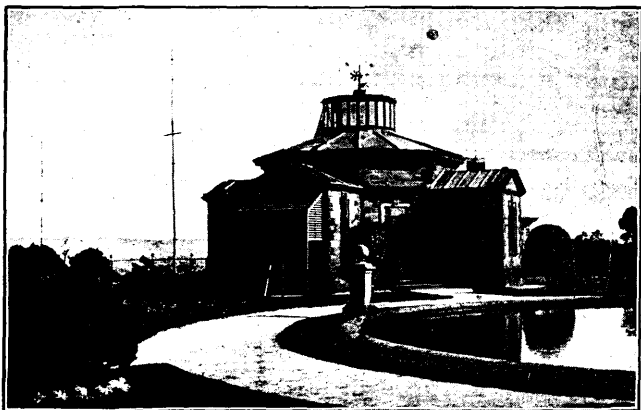


STONYHURST COLLEGE OBSERVATORY.

Lat. $53^{\circ} 50' 40''$ N. Long. $9^m 52^s.68$ W.
Height of the Barometer above the Sea, 381 feet.



(FOUNDED 1838)

Results of Geophysical and Solar Observations,

1926.

With Report and Notes of the Director,
Rev. E. D. O'CONNOR, S J., M.A., F.R.A.S.

BLACKBURN:
THOMAS BRIGGS (Blackburn) LTD., PRINTERS, 73, NORTHGATE.

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REPORT AND NOTES.

GENERAL.—In addition to the Director, the Staff consists of Father J. P. Rowland, S.J., B.Sc., F.R.A.S., and Father B. G. Swindells, S.J., B.Sc., A.R.C.Sc., F.R.A.S. Mr. Joseph Burns, who has performed the duties of Meteorological Clerk for upwards of 30 years, has had to retire, owing to advancing years and indifferent health. The Observatory owes him a great debt of gratitude for his loyal and devoted service during all these years. His work was always performed with great conscientiousness and care; and he was always ready to help in every way in his power towards the general well-being of the Observatory. His place has been taken by Mr. Wilfrid Brown.

In the Spring most of the woodwork of the buildings was painted. In November Mr. R. Corless of the Meteorological Office, inspected our Meteorological instruments, and a certificate of their approval for use in the preparation of Official Publications of the Office was duly sent to the Director.

METEOROLOGICAL.—The Meteorological continuous records have been uninterrupted during the year. For a description of the instruments and for the values of their constants reference may be made to our Report for 1920, pp. v—vii. The Standard Barometer was restored to its original position, 381 feet above sea level on 1921, November 10th.

The dominating character of the weather on the whole was its dulness and mildness. There was a deficiency in sunshine in every month, except August, October and December. The rainfall exceeded the average for the last 79 years by 1·563 inches, with precipitation on 222 days. The greatest fall of rain in one day was on the 13th of October, when 2·020 inches were registered, one inch of which fell in one and a half hours. February, September, October and November were the wettest months of the year; March, April, June and December the driest.

Fine day periods of five days or more were recorded as follows:—April 1—7, 9—14; May 15—24; June 1—7, 24—30; July 11—18; October 1—6, 17—24; December 20—27. A total of nine periods, with an average of 5·7 days each, as against a total of eight periods, with an average of 10·1 days each in 1925.

Bright sunshine for 10 hours or more was registered:—Three days in April, three days in May, four days in June, three days in July, three days in August, and one day in September, a total of 17 days. The days on which were recorded the greatest number of *continuous* hours of sunshine were: January 13; February 13, 28; March 10, 28; April 5, 11—13; May 3, 15, 16, 20, 22; June 1, 3, 5, 7, 29; July 1, 2, 14, 29; August 1, 17, 18, 27—29; September 18, 21, 22; October 18, 23, 26, 30, 31.

The adopted mean temperature for the year was 47°·9, 1°·0 above the normal. The highest shade temperature was 82°·8, on July 14, the lowest was 23°·2, on November 1. June, July and August were the warmest months; January, February and December the coldest.

Gales of wind, 37 miles per hour and over occurred :- One in January, one in March, and two in November. The greatest velocity of the wind was on November 5th, which was registered at 46 miles per hour, in direction S.S.W.

MAGNETICAL.—Father Rowland has been responsible for the Magnetic Observations and Reductions. Absolute measures of Horizontal Magnetic Force have been made once each month by the method of Vibration and Deflection. The constants of the magnetometer needles were described in our 1921 Annual Report (p. vii). The Inclination is also measured, once each month, by two needles, with Dover's Circle, No. 159. The Declination is observed four times each month, at nearly equal intervals, and usually at 16 hours. The Differential Instruments, or Photo-Magnetographs, which have been in practically continuous action since the year 1866, are of the Kew Observatory pattern, except that the radial distances between the centres of the magnets and the surfaces of the respective cylinders are somewhat shorter, being 152·4 Cms. The time-scale is provided by cutting off the light every two hours, by means of an electro-magnet actuated from the Synchronome Clock. The scale values of the instruments are as follows :—

For the Unifilar	...	11·28'	per Cm. of Ordinate.
„ Bifilar	...	·000496	C.G.S. „ „

The Vertical Force Balance does not give sufficiently consistent readings to allow of numerical values being safely quoted, and the interpretation of its record is confined to estimates of greater or less disturbance.

Four daily readings are measured on the curves, the highest, the lowest, and those at the hours 4 and 16.

The absolute measures of Horizontal Direction and Force are corrected by the difference between the curve ordinate at the time of observation and the monthly mean of the four daily readings, according to the rule stated on page xii of our Report, 1908 ; and the month means are taken from the readings on the five quietest days of the month.

The Vertical and Total Forces are deduced from the measures of the Horizontal Force, and the angle of Inclination or Dip.

In the Table of Magnetic Disturbances (page 38) the intention is that a *calm* (c) shall mean a smooth curve ; *small* (s) a disturbance noteworthy only as opposed to a calm ; *moderate* (m) a disturbance not to be neglected for any comparison with other phenomena, solar or terrestrial ; *greater* (g) a marked disturbance ; and *very great* (v.g.) a decided storm.

Corresponding tabulations are sent quarterly to the Meteorological Institute at De Bilt (Holland), for the International Committee on Terrestrial Magnetism. In these the significant notes are restricted to three—0 (quiet), 1 (moderately disturbed), and 2 (highly disturbed). The character figures are assigned according to the scheme detailed in the *Annuaire* for 1918 of the Royal Dutch Meteorological Institute. From a comparison of these character letters with the figures published for each day from the central international station at De Bilt for the years 1921, 1922, the mean values of the figures corresponding to each letter are c—0.2, s—0.6, m—0.9, g—1.3, and v.g.—1.5. The civil day is used for both the international figures and for our own characteristic letters. The rule followed in

assigning these letters to denote the magnetic character of a day is as follows :—

From the measured ranges of D and H in minutes of arc on the five quietest days of a month a mean value is obtained of D and H combined. Similarly for each day of the month a mean value in minutes of arc of the range of D and H combined is set down. The excess of this mean daily range over the mean for the five quietest days gives the magnetic character of the day. The following values of the excess are adopted for the table of magnetic disturbances :—0 to 2 calm, 3 to 7 small, 8 to 15 moderate, 16 to 20 great, above 20 very great.

It follows from the nature of the process that these indications are not absolute, but relative to the mean amount of disturbance on the quiet days. It may happen also that a disturbance is classed as (v.g.) which can hardly claim the rank of a magnetic storm properly so called.

The mean daily ranges of Declination, 7'·7 for the quiet days, and 14'·8 for all days, and of Horizontal Force 34 for the quiet days, and 71 for all days (C.G.S. units), shew a decided increase on the corresponding values for 1925. The percentage of magnetically quiet days (c) was 31, as against 36 in the preceding year. These figures all shew a general increase in magnetic disturbance corresponding to the increased solar activity.

The mean magnetic characters of the various months, derived from the numerical values on the international scale referred to above, of the Stonyhurst letters m, g, v.g., point to February and September as

the most magnetically active months, and to August and November as the quietest. The following table exhibits a comparison of the Mean Daily Sunspot Areas with the Mean Daily Magnetic Character (1) including calms and small disturbances; (2) excluding calms and small disturbances (c—0.2, s—0.6, m—0.9, g—1.3, and v.g.—1.5 international scale).

MONTH	MEAN DAILY		SUN SPOT
	MAGNETIC CHARACTER.		AREA.
	(1)	(2)	
January... ..	0.71	0.44	11.9
February	0.80	0.58	10.5
March	0.68	0.45	6.0
April	0.76	0.52	1.7
May	0.67	0.46	4.6
June	0.54	0.20	5.5
July	0.60	0.19	3.9
August	0.51	0.14	3.5
September	0.78	0.59	7.0
October	0.64	0.32	6.1
November	0.47	0.23	3.0
December	0.55	0.25	6.5

The greatest disturbances of the year occurred on January 26—27, February 23—24, April 14—15, October 15—16, with extreme ranges in D of 72', 72', 85', >164', and in H of 592, >404, 532, >652, respectively. "Sudden commencements" were noted on January 3rd, 23h. 23m., 12, 23h. 0m., 22, 15h. 38m., 25, 17h. 30m.; February 10, 5h. 48m., 23, 16h. 24m.; March 5, 10h. 5m., 17, 21h. 6m.; April 14, 14h. 3m., 21, 10h. 17m.; May 3, 2h. 12m.; June 1, 11h. 0m., 23, 12h. 58m.;

September 14, 8h. 44m., 17, 22h. 8m. ; October 3, 0h. 34m., 11, 4h. 50m., 13, 19h. 25m.

ASTRONOMICAL TIME SERVICE.—The time service of the Observatory is under the charge of Father Rowland.

The radio time signals from the Eiffel Tower have been taken regularly throughout the year and the errors and rates of the sidereal and mean time clocks and chronometers determined from them. Time marks are made by the Synchronome Clock every minute on the Milne-Shaw Seismograph, and every two hours on the Magnetographs. The Synchronomic Seconds Dial has been giving some trouble during the year, several seconds being periodically dropped, and at other times gained. The trouble has, however, now been overcome ; and since October the service has been quite satisfactory.

SOLAR OBSERVATIONS.—Observations of the solar surface were made on 281 days, and include 284 drawings. Of these drawings 244 are complete, and show all spots and faculae ; of the remaining 40, 31 are complete for the spots.

The mean daily disc area of the spots (in units of $1/5000$ th of the visible surface), stands at 5·33, as compared with 3·53 in 1925, and 1·36 in 1924.

The following table shows the distribution of spot-groups in the hemispheres at each revolution, with their maximum areas. The first revolution, starting on 1925, December 31·36, corresponds to Greenwich No. 967. The thirteenth revolution ended December 20·91.

The last column gives the sum of the Maximum Areas of all the Spots on the Sun during the revolution in question.

Revolution	Northern Hemisphere		Southern Hemisphere		Sum. of Max'm Areas
	No. of Groups	Max'm Areas	No. of Groups	Max'm Areas	
1. Dec. 31·36	10	33·1	8	14·9	48·0
2. Jan. 27·69	9	9·8	7	23·4	33·2
3. Feb. 24·04	10	5·5	13	26·1	31·6
4. March 23·38	9	6·0	17	6·2	12·2
5. April 19·64	12	5·3	9	14·0	19·3
6. May 16·87	14	8·2	12	9·8	18·0
7. June 13·08	14	15·8	14	3·0	18·8
8. July 10·27	13	4·4	8	14·5	18·9
9. Aug. 6·49	7	2·6	11	13·2	15·8
10. Sep. 2·23	12	22·5	12	5·1	27·6
11. Sep. 29·49	11	21·4	9	4·1	25·5
12. Oct. 27·29	12	5·1	9	7·0	12·1
13. Nov. 23·09	9	15·4	13	10·6	26·0
TOTAL	142	155·1	142	151·9	307·0

Only two spotless days were observed—on July 17th and 18th.

On page 39, the horizontal lines indicate the beginning of a new revolution.

On pages 40—48 will be found the Sun-Spot Statistics for the year, as derived from our drawings.

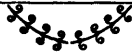
SEISMOLOGICAL.—The Milne-Shaw seismograph has been in service throughout the year.

The total number of Earthquakes recorded during the year was 32, as against 55 in 1925, and 106 in 1924. They were distributed as follows :—

Jan.	Feb.	Mar.	April	June	July	Aug.	Sept.	Oct.	Nov.	Total
2	2	6	3	3	1	6	3	4	2	32

The most notable of these were on January 25th, February 8th, March 18th, June 26th, August 30th, October 3rd.

Our grateful thanks are tendered to the Governments, Institutions, Observatories, and individuals who have kindly contributed presentations to the Library during the year.



METEOROLOGICAL REPORT.

JANUARY, 1926.

Results of Observations taken during the Month.							Mean for the last 79 years.	
Mean Reading of the Barometer	inches	29.351					29.485	
Highest " " on the 13th ...	" "	30.035					30.126	
Lowest " " on the 23rd ...	" "	28.809					28.587	
Range of Barometer Readings	" "	1.226					1.539	
Highest Reading of a Max. Therm. on the 27th ...		51.1					51.3	
Lowest Reading of a Min. Therm. on the 17th		25.0					21.8	
Range of Thermometer Readings		26.1					29.5	
Mean of Highest Daily Readings		44.1					42.5	
Mean of Lowest Daily Readings		35.2					33.3	
Mean Daily Range		8.9					9.2	
Deduced Mean Temp. (from mean of Max. and Min.)		39.5					37.7	
Mean Temperature from Dry Bulb		40.9					37.9	
Adopted Mean Temperature		40.2					37.8	
Mean Temperature of Evaporation		39.3					36.6	
Mean Temperature of Dew Point		38.2					34.5	
Mean elastic force of Vapour	inches	0.230					0.201	
Mean weight of Vapour in a cub. ft. of air, grains		2.7					2.4	
Mean additional weight required for saturation "		0.3					0.4	
Mean degree of Humidity (saturation 100)		93					88	
Mean weight of a cubic foot of air	grains	544.0					549.3	
Mean amount of Cloud (0—10)		8.7					7.8	
Fall of Rain	inches	4.974					4.316	
Greatest Rainfall in one day (24th)	inches	1.020					0.825	
No. of days on which .005 in. or more Rain fell...		23					19.5	
Wind:—Direction.....	N	NE	E	SE	S	SW	W	NW
No. of days.....	4	2	2	3	9	5	6	0
Mean Velocity in miles per hr.	5.2	5.7	11.4	4.2	10.6	14.0	14.4	0
Total No. of miles.....	499	285	319	300	3504	1677	2078	0
Total No. of miles registered					8662		Mean*	
Greatest hourly velocity (23rd, at 11 a.m., Dir. S. by W.)					40		8292.9	
							41.1	

* For the last 59 years.

JANUARY, 1926.

DIFFERENCES.

The signs + and — mean respectively above and below the MONTHLY average.

Mean barometric pressure	...	...	...	—	0.134 in.
Monthly range	"	"	"	—	0.313 in.
Mean of highest daily temperatures	...	...	...	+	1.6°
Mean of lowest	"	"	...	+	1.9°
Mean daily range	...	...	...	—	0.3°
Adopted mean temperature	...	...	...	+	2.4°
Total rainfall	...	...	...	+	0.658 in.

Ground Frost on the 1st, 7th—8th, 13th—19th, 22nd, 27th.
 Hoar Frost on the 13th. Snow on the 7th, 14th, 15th, 16th, 17th, 22nd. Heavy Rain on the 3rd, 24th. Gale of Wind on the 23rd. Fog on the 2nd and 5th.

EXTREME READINGS FOR JANUARY.

During 79 Years.

Highest reading of Barometer	...	1896 (9th)	.....	30.597 in.
Lowest	"	"	...	1884 (26th) .....27.803 in.
Highest temperature	...	...	1877 (7th)	..... 59.9°
Lowest	"	...	...	1881 (15th) 4.6°
Highest adopted mean temperature	...	...	1916	..... 44.7°
Lowest	"	"	...	1881 29.2°
Greatest fall of rain	...	...	1921	..... 8.589 in.
Least	"	...	...	1881 0.472 in.
Greatest fall of rain in one day	...	...	1914 (8th)	..... 2.074 in.
Greatest No. of days on which				
.005 in. or more rain fell	...	1890	.....	30
Least	"	"	...	†1850 8
*Greatest hourly velocity of wind	...	1899 (12th)	.....	63 mls.
*Greatest No. of miles registered	...	1890	.....	11661
*Least	"	"	...	1881 4352

* Since 1867 only.

† And in other years.

FEBRUARY, 1926.

Results of Observations taken during the Month.		Mean for the last 79 years.						
Mean Reading of the Barometer	inches 29·373	29·511						
Highest " " on the 31st ...	" 30·157	30·099						
Lowest " " on the 2nd ...	" 28·845	28·646						
Range of Barometer Readings	" 1·312	1·453						
Highest Reading of a Max. Therm. on the 27th ...	54·8	52·1						
Lowest Reading of a Min. Therm. on the 13th ...	28·6	22·7						
Range of Thermometer Readings	26·2	29·4						
Mean of Highest Daily Readings	46·5	44·0						
Mean of Lowest Daily Readings	38·4	33·7						
Mean Daily Range	8·1	10·3						
Deduced Mean Temp. (from mean of Max. and Min.)	42·1	38·3						
Mean Temperature from Dry Bulb	43·3	38·6						
Adopted Mean Temperature	42·7	38·4						
Mean Temperature of Evaporation	41·7	36·9						
Mean Temperature of Dew Point	40·5	34·7						
Mean elastic force of Vapour	inches 0·252	0·197						
Mean weight of Vapour in a cub. ft. of air, grains	2·9	2·4						
Mean additional weight required for saturation "	0·2	0·4						
Mean degree of Humidity (saturation 100)	92	86·0						
Mean weight of a cubic foot of air	grains 541·3	548·4						
Mean amount of Cloud (0—10)	8·7	7·5						
Fall of Rain	inches 5·801	3·570						
Greatest Rainfall in one day (18th)	" 0·955	0·764						
No. of days on which ·005 in. or more Rain fell...	22	17						
Wind:—Direction.....	N	NE	E	SE	S	SW	W	NW
No. of days.....	5	4	6	1	3	4	4	1
Mean Velocity in miles per hr.	6·6	8·7	7·9	9·2	9·7	12·9	13·8	13·5
Total No. of miles.....	799	835	1132	220	695	1239	1325	323
Total No. of miles registered	8568						Mean* 7489·9	
Greatest hourly velocity (on the 16th, at 11 a.m., Dir. S.W. by W.).....	32						40·7	

* For the last 59 years.

FEBRUARY, 1926.

DIFFERENCES.

The signs + and — mean respectively above and below the MONTHLY average.

Mean barometric pressure	...	...	...	—	0.138 in.
Monthly range	..	..	..	—	0.141 in.
Mean of highest daily temperatures	...	...	...	+	2.5°
Mean of lowest	..	..	..	+	4.7°
Mean daily range	...	...	...	—	2.2°
Adopted mean temperature	...	...	...	+	4.3°
Total rainfall	...	...	...	+	2.231 in.

Ground Frost on the 10th—14th, 18th and 22nd. Snow on the 11th. Heavy Rain on the 6th, 14th, 18th and 22nd. Fog on the 2nd. Lightning on the 16th. Lunar Halo on the 25th.

EXTREME READINGS FOR FEBRUARY,

During 79 Years.

Highest reading of Barometer	...	1902 (1st)	.....	30.476 in.
Lowest	..	1900 (19th)	.....	27.870 in.
Highest temperature	...	1877 (8th)	.....	58.3°
Lowest	..	1902 (11th)	.....	5.0°
Highest adopted mean temperature	...	1869	.....	44.0°
Lowest	..	1855	.....	28.6°
Greatest fall of rain	.....	1848	.....	8.882 in.
Least	..	1858	.....	0.306 in.
Greatest fall of rain in one day	...	1909 (3rd)	.....	2.000 in.
Greatest No. of days on which				
.005 or more rain fell	.....	1910	.....	27
Least	..	1855	.....	4
*Greatest hourly velocity of wind	..	1903 (27th)	.....	60 mls.
*Greatest No. of miles registered	...	1868	.....	12577
*Least	..	1917	.....	3160

* Since 1867 only.

MARCH, 1926.

Results of Observations taken during the Month.		Mean for the last 79 years.						
Mean Reading of the Barometer	inches 29.596	29.454						
Highest " " on the 10th ...	" " 30.086	30.045						
Lowest " " on the 28th ...	" " 29.004	28.652						
Range of Barometer Readings	" 1.082	1.393						
Highest Reading of a Max. Therm. on the 8th ...	54.2	56.7						
Lowest Reading of a Min. Therm. on the 16th ...	29.0	23.4						
Range of Thermometer Readings	25.2	33.3						
Mean of Highest Daily Readings	46.9	46.9						
Mean of Lowest Daily Readings	37.1	34.4						
Mean Daily Range	9.8	12.5						
Deduced Mean Temp. (from mean of Max. and Min.)	41.0	39.7						
Mean Temperature from Dry Bulb	42.6	40.4						
Adopted Mean Temperature	41.8	40.0						
Mean Temperature of Evaporation	40.3	38.2						
Mean Temperature of Dew Point	38.5	35.8						
Mean elastic force of Vapour	inches 0.230	0.209						
Mean weight of Vapour in a cub. ft. of air, grains	3.3	2.4						
Mean additional weight required for saturation ..	0.4	0.5						
Mean degree of Humidity (saturation 100)	88	85.0						
Mean weight of a cubic foot of air	grains 546.7	546.2						
Mean amount of Cloud (0—10)	8.2	7.5						
Fall of Rain	inches 2.483	3.344						
Greatest Rainfall in one day (8th)	" 0.368	0.758						
No. of days on which .005 in. or more Rain fell...	17	16.8						
Wind:—Direction.....	N	NE	E	SE	S	SW	W	NW
No. of Days	0	2	9	0	0	2	17	1
Mean Velocity in miles per hr.	0	3.0	8.8	0	0	8.0	17.1	21.5
Total No. of miles.....	0	143	1907	0	0	380	6993	515
								Mean*
Total No. of miles registered	9938						8377.5	
Greatest hourly velocity (on the 3rd, at Noon, Dir. W. by S.)	40						40.1	

* For the last 59 years.

MARCH, 1926.

DIFFERENCES.

The signs + and — mean respectively above and below the MONTHLY average.

Mean barometric pressure	...	...	...	...	+	0.142 in.
Monthly range	..	..	..	..	—	0.311 in.
Mean of highest daily temperatures	...	...	...	...		0.0°
Mean of lowest	..	..	..	..	+	2.7°
Mean daily range	...	...	...	...	—	2.7°
Adopted mean temperature	...	...	...	...	+	1.8°
Total rainfall	...	...	...	...	—	0.861 in

Ground Frost on the 4th, 5th, 10th, 16th—18th, 20th—26th, 28th and 30th. Snow on the 4th, 9th, 22nd. Gale of Wind on the 3rd. Hail on the 4th, 9th, 20th and 22nd. Thunder on the 4th and 9th. Lightning on the 9th. Solar Halo on the 28th. Aurora Borealis on the 9th.

EXTREME READINGS FOR MARCH,

During 79 Years.

Highest reading of Barometer	...	1854 (4th)	.....	30.452 in.	
Lowest	1876 (10th)	28.100 in.
Highest temperature	.....	1871 (25th)	.....	68.0°
Lowest	1874 (10th)	11.1°	
Highest adopted mean temperature	.....	1920	.....	44.2°
Lowest	1883	34.4°
Greatest fall of rain	.....	1912	.....	7.205 in.
Least	1852	0.352 in.	
Greatest fall of rain in one day	...	1898 (17th)	.....	1.640 in.	
Greatest No. of days on which						
.005 in. or more rain fell	...	†1861	.....	28	
Least	1852	3
*Greatest hourly velocity of wind	...	1905 (15th)	.....	57 mls.	
*Greatest No. of miles registered	...	1903	.....	12773	
*Least	1892	5725

* Since 1867 only.

† And 1914.

B

APRIL, 1926.

Results of Observations taken during the Month.		Mean for the last 79 years.						
Mean Reading of the Barometer	inches 29.430	29.483						
Highest " " on the 5th ...	" 29.850	29.959						
Lowest " " on the 20th ...	" 28.850	28.792						
Range of Barometer Readings	" 1.000	1.167						
Highest Reading of a Max. Therm. on the 2nd ...	65.5	64.4						
Lowest Reading of a Min. Therm. on the 12th...	31.5	28.2						
Range of Thermometer Readings	34.0	36.2						
Mean of Highest Daily Readings	54.1	54.3						
Mean of Lowest Daily Readings	41.2	37.8						
Mean Daily Range	12.9	16.5						
Deduced Mean Temp. (from mean of Max. and Min.)	46.2	43.9						
Mean Temperature from Dry Bulb	47.6	44.7						
Adopted Mean Temperature	46.9	44.4						
Mean Temperature of Evaporation	44.4	41.6						
Mean Temperature of Dew Point	41.6	38.2						
Mean elastic force of Vapour	inches 0.263	0.235						
Mean weight of Vapour in a cub. ft. of air, grains	3.0	2.7						
Mean additional weight required for saturation ..	0.7	0.7						
Mean degree of Humidity (saturation 100)	83	80						
Mean weight of a cubic foot of air	grains 538.0	542.1						
Mean amount of Cloud (0—10)	6.9	6.8						
Fall of Rain	inches 1.886	2.576						
Greatest Rainfall in one day (14th)	" 0.467	0.598						
No. of days on which .005 in. or more Rain fell...	13	15						
Wind:—Direction.....	N	NE	E	SE	S	SW	W	NW
No. of days.....	3	5	5	0	1	3	10	3
Mean Velocity in miles per hr.	3.4	6.4	7.0	0	6.6	12.5	9.1	7.5
Total No. of miles.....	248	769	841	0	159	900	2184	539
Total No of miles registered	5640	Mean*						
Greatest hourly velocity (on the 15th, at 3 a.m., Dir. S.S.W.)	33	7452.1	36.3					

* For the last 59 years.

APRIL, 1926.

DIFFERENCES.

The signs + and — mean respectively above and below the MONTHLY average.

Mean barometric pressure	...	...	...	—	0.053 in.
Monthly range	..	..	..	—	0.167 in.
Mean of highest daily temperatures	...	...	...	—	0.2°
Mean of lowest	..	..	..	+	3.4°
Mean daily range	...	...	...	—	3.6°
Adopted mean temperature	...	...	...	+	2.5°
Total rainfall	...	...	...	—	0.690 in.

Ground Frost on the 12th, 13th and 24th. Hoar Frost on the 13th. Hail on the 17th, 20th and 21st. Thunder on the 21st. Lightning on the 21st. Lunar Halo on the 23rd. Solar Halo on the 3rd.

EXTREME READINGS FOR APRIL,

During 79 Years.

Highest reading of Barometer	...	1906 (8th)	.....	30.317 in.
Lowest	..	..	...	1919 (14th) .....28.250 in.
Highest temperature	.....	1852 (14th)	.....	74.1°
Lowest	..	.....	1917 (2nd)	..... 13.6°
Highest adopted mean temperature	.....	1865	.....	48.5°
Lowest	..	..	...	1917 39.8°
Greatest fall of rain	.....	1867	.....	5.672 in.
Least	..	.....	1852	..... 0.478 in.
Greatest fall of rain in one day	...	1923 (12th)	.....	1.260 in.
Greatest No. of days on which				
.005 in. or more rain fell	...	1920	.....	27
Least	..	..	...	1852 4
*Greatest hourly velocity of wind	..	1911 (19th)	.....	53 mls.
*Greatest No. of miles registered	...	1904	.....	11016
*Least	..	..	...	1884 5047

* Since 1867 only.

MAY, 1926.

Results of Observations taken during the Month.		Mean for the last 79 years.						
Mean Reading of the Barometer	inches 29·464	29·537						
Highest " " on the 23rd ...	" 29·713	29·985						
Lowest " " on the 30th ...	" 28·298	28·943						
Range of Barometer Readings	" 1·415	1·042						
Highest Reading of a Max. Therm. on the 26th.....	71·5	71·8						
Lowest Reading of a Min. Therm. on the 16th.....	31·0	32·1						
Range of Thermometer Readings	40·5	39·7						
Mean of Highest Daily Readings	55·8	59·3						
Mean of Lowest Daily Readings	42·0	42·6						
Mean Daily Range	13·8	16·7						
Deduced Mean Temp. (from mean of Max. and Min.)	47·2	49·2						
Mean Temperature from Dry Bulb	48·8	50·1						
Adopted Mean Temperature	48·0	49·6						
Mean Temperature of Evaporation	45·4	46·5						
Mean Temperature of Dew Point	42·5	43·1						
Mean elastic force of Vapour	inches 0·272	0·280						
Mean weight of Vapour in a cub. ft. of air, grains	3·1	3·2						
Mean additional weight required for saturation ..	0·7	0·8						
Mean degree of Humidity (saturation 100)	82	77						
Mean weight of a cubic foot of air	grains 537·4	536·9						
Mean amount of Cloud (0—10)	6·4	7·0						
Fall of Rain	inches 3·633	2·805						
Greatest Rainfall in one day (12th)	" 0·795	0·651						
No. of days on which ·005 in. or more Rain fell...	20	14·8						
Wind:—Direction	N	NE	E	SE	S	SW	W	NW
No. of days.....	1	5	7	0	2	5	6	5
Mean Velocity in miles per hr.	7·0	6·0	8·7	0	6·2	13·6	10·1	7·1
Total No. of miles.....	169	719	1477	0	300	1634	1457	846
Total No of miles registered	6602	Mean*		6390·0				
Greatest hourly velocity (on the 2nd, at noon, Dir. E. by S.)	25	32·4						

* For the last 59 years.

MAY, 1926.

DIFFERENCES.

The signs + and — mean respectively above and below the MONTHLY average.

Mean barometric pressure	..	...	...	—	0.073 in.
Monthly range	..	...	...	+	0.373 in.
Mean of highest daily temperatures	...	...	...	—	3.5°
Mean of lowest	..	..	...	—	0.6°
Mean daily range	...	...	...	—	2.9°
Adopted mean temperature	...	...	...	—	1.6°
Total rainfall	...	...	...	+	0.828 in.

Ground Frost on the 6th, 8th, 9th, 15th and 16th. Hoar Frost on the 15th and 16th. Hail on the 6th, 11th, 12th and 13th. Heavy Rain on the 12th and 28th. Thunder on the 12th, 13th and 26th. Lightning on the 12th, 13th and 26th. Solar Halo on the 4th, 6th, 11th, 25th and 26th.

EXTREME READINGS FOR MAY,

During 79 Years.

Highest reading of Barometer	...	1881 (10th)	.....	30.332 in.	
Lowest	1887 (28th)	28.559 in.
Highest temperature	.....	1864 (19th)	.....	82.5°
Lowest	1855 (4th)	23.5°	
Highest adopted mean temperature	.....	1848	.....	55.1°
Lowest	1855	45.0°
Greatest fall of rain	.....	1924	.....	6.765 in.
Least	1859	0.249 in.	
Greatest fall of rain in one day	...	1881 (5th)	.....	1.647 in.	
Greatest No. of days on which						
.005 in. or more rain fell	...	†1860	.....	22	
Least	†1848	4
*Greatest hourly velocity of wind	...	1888 (2nd)	.....	49 mls.	
*Greatest No. of miles registered	...	1888	.....	9648	
*Least	1918	5113

* Since 1867 only.

† And in other years.

JUNE, 1926.

Results of Observations taken during the Month.		Mean for the last 79 years.						
Mean Reading of the Barometer	inches 29.480	29.563						
Highest " " on the 28th ...	" 29.983	29.938						
Lowest " " on the 10th ...	" 28.831	29.050						
Range of Barometer Readings	" 1.152	0.888						
Highest Reading of a Max. Therm. on the 6th ...	71.2	76.7						
Lowest Reading of a Min. Therm. on the 4th	40.7	39.2						
Range of Thermometer Readings	30.5	37.5						
Mean of Highest Daily Readings	62.9	65.1						
Mean of Lowest Daily Readings	49.6	48.2						
Mean Daily Range	13.3	16.9						
Deduced Mean Temp. (from mean of Max. and Min.)	54.5	54.8						
Mean Temperature from Dry Bulb	55.5	55.3						
Adopted Mean Temperature	55.0	55.1						
Mean Temperature of Evaporation	51.5	51.8						
Mean Temperature of Dew Point	47.2	48.3						
Mean elastic force of Vapour	inches 0.337	0.347						
Mean weight of Vapour in a cub. ft. of air, grains	3.9	3.8						
Mean additional weight required for saturation ..	1.1	1.0						
Mean degree of Humidity (saturation 100)	78	78						
Mean weight of a cubic foot of air	grains 529.9	531.4						
Mean amount of Cloud (0—10)	6.6	7.2						
Fall of Rain	inches 2.266	3.258						
Greatest Rainfall in one day (9th)	" 0.445	0.797						
No. of days on which .005 in. or more Rain fell...	14	15						
Wind :—Direction	N	NE	E	SE	S	SW	W	NW
No. of days.....	1	4	1	1	2	2	17	2
Mean Velocity in miles per hr.	2.0	4.1	6.0	6.9	11.8	9.1	6.7	7.5
Total No. of miles.....	48	389	145	165	564	439	2748	358
Total No. of miles registered	4856						Mean*	
Greatest hourly velocity (on the 10th, at 3 p.m., Dir. S. by W.)	30						6144.9	
							29.1	

* For the last 59 years

JUNE, 1926.

DIFFERENCES.

The signs + and — mean respectively above and below the MONTHLY average.

Mean barometric pressure	...	...	...	—	0.083 in.
Monthly range	„	„	„	+	0.264 in.
Mean of highest daily temperatures	...	...	...	—	2.2°
Mean of lowest	„	„	...	+	1.4°
Mean daily range	...	...	...	—	3.6°
Adopted mean temperature	...	...	...	—	0.1°
Total rainfall	...	...	...	—	0.992 in.

Hail on the 8th. Thunder on the 8th and 23rd. Lightning on the 8th and 23rd.

EXTREME READINGS FOR JUNE,

During 79 Years.

Highest reading of Barometer	...	1874 (15th)	.....	30.219 in.
Lowest	„	1862 (12th)	.....	28.632 in.
Highest temperature	.....	1893 (18th)	.....	88.7°
Lowest	„	1902 (9th)	.....	32.0°
Highest adopted mean temperature	.....	1896	.....	59.3°
Lowest	„	1907	.....	51.5°
Greatest fall of rain	.....	1907	.....	8.705 in.
Least	„	1925	.....	0.282 in.
Greatest fall of rain in one day	...	1857 (8th)	.....	2.093 in.
Greatest No. of days on which				
.005 in. or more rain fell	...	†1907	.....	27
Least	„	1887	.....	4
*Greatest hourly velocity of wind	...	1897 (16th)	.....	45 mls.
*Greatest No. of miles registered	...	1877	.....	8384
*Least	„	1915	.....	3967

* Since 1867 only.

† And 1912.

JULY, 1926.

Results of Observations taken during the Month.		Mean for the last 79 years.						
Mean Reading of the Barometer	inches 29·598	29·525						
Highest " " on the 31st	" 29·986	29·903						
Lowest " " on the 24th.....	" 29·026	29·005						
Range of Barometer Readings	" 0·960	0·898						
Highest Reading of a Max. Therm. on the 14th...	82·8	78·3						
Lowest Reading of a Min. Therm. on the 27th...	46·5	42·8						
Range of Thermometer Readings	36·3	35·5						
Mean of Highest Daily Readings	68·6	67·3						
Mean of Lowest Daily Readings	55·2	51·2						
Mean Daily Range	13·4	16·1						
Deduced Mean Temp. (from mean of Max. and Min.)	60·0	57·7						
Mean Temperature from Dry Bulb	59·6	58·0						
Adopted Mean Temperature	59·8	57·9						
Mean Temperature of Evaporation	56·5	54·8						
Mean Temperature of Dew Point	53·7	52·0						
Mean elastic force of Vapour	inches 0·412	0·388						
Mean weight of Vapour in a cub. ft. of air, grains	4·7	4·4						
Mean additional weight required for saturation "	1·1	1·1						
Mean degree of Humidity (saturation 100)	80	81						
Mean weight of a cubic foot of air	grains 526·7	527·5						
Mean amount of Cloud (0—10)	7·3	7·4						
Fall of Rain	inches 3·352	4·027						
Greatest Rainfall in one day (22nd)	" 0·595	0·880						
No. of days on which ·005 in. or more Rain fell...	13	16·6						
Wind :—Direction.....	N	NE	E	SE	S	SW	W	NW
No. of days.....	2	7	4	1	0	2	12	3
Mean Velocity in miles per hr.	4·0	6·0	7·7	5·8	0	6·4	7·9	10·8
Total No. of Miles.....	192	1006	742	140	0	305	2186	778
Total No. of miles registered	5349	<u>Mean*</u>						
Greatest hourly velocity (on the 24th, at noon, Dir. S.W.)	28	6362·5	28·1					

* For the last 59 years.

JULY, 1926.

DIFFERENCES.

The signs + and — mean respectively above and below the MONTHLY average.

Mean barometric pressure	...	...	...	+	0.073 in.
Monthly range	"	...	...	+	0.062 in.
Mean of highest daily temperatures	...	...	...	+	1.3°
Mean of lowest	"	"	...	+	4.0°
Mean daily range	...	...	...	—	2.7°
Adopted mean temperature	...	...	...	+	0.9°
Total rainfall	...	...	...	—	0.675 in.

Heavy Rain on the 18th, 20th, 22nd, and 23rd. Thunder on the 18th, 19th, 24th, 26th and 27th. Lightning on the 18th and 24th.

EXTREME READINGS FOR JULY,

During 79 Years.

Highest reading of Barometer	...	1911 (10th)	.....	30.203 in	
Lowest	"	"	...	1922 (6th)	28.493 in.
Highest temperature	.....	1901 (20th)	.....	89.0°
Lowest	"	1857 (1st)	36.0°	
Highest adopted mean temperature	.....	1901	.....	63.2°
Lowest	"	"	1922	54.0°
Greatest fall of rain	.....	1888	.....	8.475 in.
Least	"	1868	0.669 in.	
Greatest fall of rain in one day	...	1888 (2nd)	.....	2.482 in.	
Greatest No. of days on which						
.005 in. or more rain fell	...	†1920	.....	28	
Least	"	"	...	†1863	8
*Greatest hourly velocity of wind	..	1892 (8th)	.....	44 mls.	
*Greatest No. of miles registered	...	1879	.....	8288	
*Least	"	"	...	1913	4577

* Since 1867 only.

† And in other years.

AUGUST, 1926.

Results of Observations taken during the Month.		Mean for the last 79 years.						
Mean Reading of the Barometer	inches 29·588	29·493						
Highest " " on 27th	" 29·969	29·893						
Lowest " " on the 29th ...	" 29·152	28·946						
Range of Barometer Readings	" 0·817	0·947						
Highest Reading of a Max. Therm. on the 30th ...	74·6	76·0						
Lowest Reading of a Min. Therm. on the 27th...	43·4	41·9						
Range of Thermometer Readings	31·2	34·1						
Mean of Highest Daily Readings	66·1	66·3						
Mean of Lowest Daily Readings	53·1	50·8						
Mean Daily Range	13·0	15·5						
Deduced Mean Temp. (from mean of Max. and Min.)	57·9	56·9						
Mean Temperature from Dry Bulb	59·7	57·7						
Adopted Mean Temperature	58·8	57·3						
Mean Temperature of Evaporation	55·9	54·5						
Mean Temperature of Dew Point	53·3	51·8						
Mean elastic force of Vapour	inches 0·407	0·387						
Mean weight of Vapour in a cub. ft. of air, grains	4·5	4·3						
Mean additional weight required for saturation "	1·0	0·9						
Mean degree of Humidity (saturation 100)	82	82						
Mean weight of a cubic foot of air	grains 527·7	527·4						
Mean amount of Cloud (0—10)	7·4	7·3						
Fall of Rain	inches 4·994	5·062						
Greatest Rainfall in one day (12th)	" 0·680	1·059						
No. of days on which ·005 in. or more Rain fell...	19	18·6						
Wind :—Direction	N	NE	E	SE	S	SW	W	NW
No. of days.....	0	1	2	2	2	3	17	4
Mean Velocity in miles per hr.	0	2·5	6·0	6·4	4·6	11·2	10·0	7·6
Total No. of miles.....	0	59	289	309	220	805	4091	732
Total No. of miles registered	6505	Mean*						
Greatest hourly velocity (on the 20th at 2 p m., Dir. S.W. by S.)	33	6327·9	30·7					

* For the last 59 years.

AUGUST, 1926.

DIFFERENCES.

The signs + and — mean respectively above and below the MONTHLY average.

Mean barometric pressure	...	...	...	—	0.095 in.
Monthly range	..	..	..	—	0.130 in.
Mean of highest daily temperatures	...	...	...	—	0.2°
Mean of lowest	..	..	...	+	2.3°
Mean daily range	...	...	...	—	2.5°
Adopted mean temperature	...	...	...	+	1.5°
Total rainfall	...	...	...	—	0.068 in.

Heavy Rain on the 10th, 11th and 12th. Lightning on the 11th

EXTREME READINGS FOR AUGUST,

During 79 Years.

Highest reading of Barometer	...	1874 (21st)	.....	30.114 in.	
Lowest	1917 (28th)	28.156 in.
Highest temperature	.....	1868 (2nd)	.....	88.0°
Lowest	1887 (13th)	33.4°	
Highest adopted mean temperature	.....	1911	.....	62.1°
Lowest	1848	52.5°
Greatest fall of rain	.....	1891	.....	9.869 in.
Least	1871	2.085 in.	
Greatest fall of rain in one day	...	1857 (7th)	.....	2.333 in.	
Greatest No. of days on which						
.005 in. or more rain fell	...	1891	.....	27	
Least	1880	6
*Greatest hourly velocity of wind...	...	1903 (31st)	.....	45 mls.	
*Greatest No. of miles registered	...	1903	.....	8486	
*Least	1915	3918

* Since 1867 only.

SEPTEMBER, 1926.

Results of Observations taken during the Month.								Mean for the last 79 years.
Mean Reading of the Barometer	inches	29·640						29·542
Highest " " on the 21st ...	"	29·984						30·009
Lowest " " on the 11th ...	"	29·187						28·889
Range of Barometer Readings	"	0·797						1·120
Highest Reading of a Max. Therm. on the 19th...		75·7						71·8
Lowest Reading of a Min. Therm. on the 27th		33·1						36·7
Range of Thermometer Readings		42·6						35·1
Mean of Highest Daily Readings		61·4						61·8
Mean of Lowest Daily Readings		49·9						47·3
Mean Daily Range		11·5						14·5
Deduced Mean Temp. (from mean of Max. and Min.)		54·4						53·3
Mean Temperature from Dry Bulb		56·2						54·2
Adopted Mean Temperature		55·3						53·8
Mean Temperature of Evaporation		53·2						51·0
Mean Temperature of Dew Point		51·2						48·3
Mean elastic force of Vapour	inches	0·378						0·339
Mean weight of Vapour in a cub. ft. of air, grains		4·3						3·9
Mean additional weight required for saturation ..		0·7						0·8
Mean degree of Humidity (saturation 100)		86						82
Mean weight of a cubic foot of air	grains	532·2						532·6
Mean amount of Cloud (0—10)		7·0						6·7
Fall of Rain	inches	5·434						4·337
Greatest Rainfall in one day (14th)	"	1·050						0·961
No. of days on which ·005 in. or more Rain fell...		21						16·6
Wind :—Direction	N	NE	E	SE	S	SW	W	NW
No. of days.....	1	3	0	0	1	7	13	5
Mean Velocity in miles per hr.	7·6	6·7	0	0	6·8	4·6	8·0	8·4
Total No. of miles.....	183	479	0	0	162	770	2507	1013
Total No. of miles registered					5114			Mean* 6066·9
Greatest hourly velocity (on the 12th, at 1 a.m., Dir. W.)						26		31·9

* For the last 59 years.

SEPTEMBER, 1926.

DIFFERENCES.

The signs + and — mean respectively above and below the MONTHLY average.

Mean barometric pressure	...	...	...	...	+	0.098 in.
Monthly range	"	"	"	"	—	0.323 in.
Mean of highest daily temperatures	...	...	...	...	—	0.4°
Mean of lowest	"	"	"	"	+	2.6°
Mean daily range	...	...	...	...	—	3.0°
Adopted mean temperature	...	...	...	...	+	1.5°
Total rainfall	...	...	...	...	+	1.097 in.

Heavy Rain on the 8th, 14th, 19th and 25th. Thunder on the 20th. Lightning on the 20th. Lunar Halo on the 22nd. Solar Halo on the 16th. Aurora Borealis on the 15th.

EXTREME READINGS FOR SEPTEMBER,

During 79 Years.

Highest reading of Barometer	...	1851 (15th)	.....	30.247 in.	
Lowest	"	"	...	1918 (23rd)	28.210 in.
Highest temperature	.....	1868 (6th)	.....	85.0°
Lowest	"	†1885 (25th)	29.8°	
Highest adopted mean temperature	.....	1865	.....	59.1°
Lowest	"	"	1863	50.9°
Greatest fall of rain	.....	1918	.....	12.620 in.
Least	"	1910	0.652 in.
Greatest fall of rain in one day	...	1889 (26th)	.....	2.060 in.	
Greatest No. of days on which						
.005 in. or more rain fell	...	1918	.....	29	
Least	"	"	†1851	6
*Greatest hourly velocity of wind	..	1875 (26th)	.....	53 mls.	
*Greatest No. of miles registered	...	1869	.....	9053	
*Least	"	"	1888	3261

* Since 1867 only.

† And in other years.

OCTOBER, 1926.

Results of Observations taken during the Month.		Mean for the last 79 years.						
Mean Reading of the Barometer	inches 29.512	29.448						
Highest " " on the 4th	" 30.157	30.020						
Lowest " " on the 9th ...	" 28.666	28.686						
Range of Barometer Readings	" 1.491	1.334						
Highest Reading of a Max. Therm. on the 4th ...	70.6	64.1						
Lowest Reading of a Min. Therm. on the 31st ...	24.6	29.8						
Range of Thermometer Readings	46.0	34.3						
Mean of Highest Daily Readings	50.8	54.4						
Mean of Lowest Daily Readings	39.8	42.1						
Mean Daily Range	11.0	12.3						
Deduced Mean Temp. (from mean of Max. and Min.)	44.3	47.3						
Mean Temperature from Dry Bulb	45.1	48.0						
Adopted Mean Temperature	44.7	47.7						
Mean Temperature of Evaporation	42.5	45.5						
Mean Temperature of Dew Point	39.9	43.0						
Mean elastic force of Vapour	inches 0.250	0.279						
Mean weight of Vapour in a cub. ft. of air, grains	2.8	3.2						
Mean additional weight required for saturation "	0.5	0.6						
Mean degree of Humidity (saturation 100)	83	84						
Mean weight of a cubic foot of air	grains 542.2	537.5						
Mean amount of Cloud (0—10)	6.6	7.3						
Fall of Rain	inches 5.400	4.896						
Greatest Rainfall in one day (13th)	" 2.020	0.971						
No. of days on which .005 in. or more Rain fell...	16	18.7						
Wind :—Direction.....	N	NE	E	SE	S	SW	W	NW
No. of days.....	4	8	2	1	0	1	14	1
Mean Velocity in miles per hr.	5.1	5.0	4.5	5.3	0	11.5	9.7	2.9
Total No. of miles.....	489	966	216	128	0	275	3255	69
Total No. of miles registered	5398						Mean*	
Greatest hourly velocity (on the 9th, at 9 p.m., Dir. N.W.)	36						6799.9	
							36.8	

* For the last 59 years.

OCTOBER, 1926.

DIFFERENCES.

The signs + and — mean respectively above and below the MONTHLY average.

Mean barometric pressure	...	...	...	—	0.064 in.
Monthly range	..	...	...	—	0.157 in.
Mean of highest daily temperatures	...	...	...	—	3.6°
Mean of lowest	..	..	...	—	2.3°
Mean daily range	...	...	...	—	1.3°
Adopted mean temperature	...	...	...	—	3.0°
Total rainfall	...	...	...	+	0.504 in.

Ground Frost on the 16th—21st, 23rd—27th, 30th and 31st. Hoar Frost on the 16th, 18th, 24th, 30th, and 31st. Snow on the 24th. Hail on the 10th. Heavy Rain on the 8th, 12th, 13th, and 24th. Fog on the 3rd and 25th. Lunar Halo on the 16th. Solar Halo on the 19th.

EXTREME READINGS FOR OCTOBER,

During 79 Years.

Highest reading of Barometer	...	1884 (5th)	.....	30.306 in.
Lowest	..	..	...	1862 (19th) .....28.139 in
Highest temperature	.....	1890 (12th)	.....	74.0°
Lowest	..	.....	1895 (28th)	..... 17.8°
Highest adopted mean temperature	.....	1921	.....	53.8°
Lowest	..	..	.....	1895 42.8°
Greatest fall of rain	.....	1870	.....	13.437 in.
Least	..	.....	1922	..... 0.918 in.
Greatest fall of rain in one day	...	1870 (8th)	.....	2.529 in.
Greatest No. of days on which				
.005 ins or more rain fell	...	1903 and 1923	.....	29
Least	..	..	.....	1920 8
*Greatest hourly velocity of wind...	...	1877 (15th)	.....	52 mls.
*Greatest No. of miles registered	...	1874	.....	9818
*Least	..	..	.....	1915 3965.

* Since 1867 only.

NOVEMBER, 1926.

Results of Observations taken during the Month.							Mean for the last 19 years.	
Mean Reading of the Barometer	inches	29.127						29.464
Highest " " on the 25th ...	"	29.774						30.067
Lowest " " on 19th & 20th. "	"	28.173						28.569
Range of Barometer Readings	"	1.601						1.498
Highest Reading of a Max. Therm. on the 4th ...		53.2						55.6
Lowest Reading of a Min. Therm. on the 1st.....		23.2						25.4
Range of Thermometer Readings		30.0						30.2
Mean of Highest Daily Readings		45.6						47.0
Mean of Lowest Daily Readings		36.3						36.7
Mean Daily Range		9.3						10.3
Deduced Mean Temp. (from mean of Max. and Min.)		40.6						41.5
Mean Temperature from Dry Bulb		41.9						41.9
Adopted Mean Temperature		41.3						41.7
Mean Temperature of Evaporation		40.1						39.7
Mean Temperature of Dew Point		38.5						38.1
Mean elastic force of Vapour	inches	0.240						0.231
Mean weight of Vapour in a cub. ft. of air, grains		2.7						2.7
Mean additional weight required for saturation "		0.4						0.4
Mean degree of Humidity (saturation 100)		91						87
Mean weight of a cubic foot of air	grains	538.7						544.7
Mean amount of Cloud (0—10)		7.5						7.4
Fall of Rain	inches	5.699						4.391
Greatest Rainfall in one day (16th)	"	0.640						0.996
No. of days on which .005 in. or more Rain fell...		24						18.1
Wind :—Direction	N	NE	E	SE	S	SW	W	NW
No. of days.....	2	3	2	1	8	7	6	1
Mean Velocity in miles per hr.	2.8	5.3	8.6	9.6	14.7	13.5	3.8	2.5
Total No. of miles.....	133	384	411	230	2809	2274	550	59
Total No. of miles registered	6850						Mean* 7135.8	
Greatest hourly velocity (on the 5th, at 5 a.m., Dir. S.S.W.).....	46						40.6	

* For the last 59 years.

† And in other years.

NOVEMBER, 1926.

DIFFERENCES.

The signs + and — mean respectively above and below the MONTHLY average.

Mean barometric pressure	...	...	...	—	0.337 in.
Monthly range	„	...	...	+	0.103 in.
Mean of highest daily temperatures	...	...	...	—	1.4°
Mean of lowest	„	„	...	—	0.4°
Mean daily range	...	...	...	—	1.0°
Adopted mean temperature	...	...	...	—	0.4°
Total rainfall	...	...	...	+	1.308 in.

Ground Frost on the 1st, 2nd, 4th, 8th, 24th, 25th, 27th, 28th, and 30th. Hoar Frost on the 24th, 25th, 27th and 28th. Hail on the 5th, 7th and 14th. Heavy Rain on the 6th, 15th and 16th. Gales of Wind on the 5th and 13th. Thunder on the 5th. Lightning on the 5th. Lunar Halo on the 15th and 17th. Solar Halo on the 9th and 19th.

EXTREME READINGS FOR NOVEMBER,

During 79 Years.

Highest reading of Barometer	...	1922 (15th)	.....	30.375 in.	
Lowest	„	„	...	1891 (11th)	27.938 in.
Highest temperature	.....	1900 (1st)	.....	62.4°
Lowest	„	1901 (15th)	17.5°	
Highest adopted mean temperature	†	1881	.....	47.0°	
Lowest	„	„	1915	36.3°
Greatest fall of rain	.....	1866	.....	9.026 in.
Least	„	1855	1.158 in.	
Greatest fall of rain in one day	...	1866 (16th)	.....	3.700 in.	
Greatest No. of days on which						
.005 in. or more rain fell	...	1913	.....	28	
Least	„	„	1848	6
*Greatest hourly velocity of wind...	...	1887 (1st)	.....	62 mls.	
*Greatest No. of miles registered....	...	1888	.....	12813	
*Least	„	„	1915	4893

* Since 1867 only.

† And in other years.

c

DECEMBER, 1926.

Results of Observations taken during the Month.							Mean for the last 79 years.	
Mean Reading of the Barometer	inches	29·855					29·433	
Highest " " on the 23rd ...	"	30·430					30·062	
Lowest " " on the 17th ...	"	29·299					28·542	
Range of Barometer Readings	"	1·131					1·520	
Highest Reading of a Max. Therm. on the 11th...		46·8					52·7	
Lowest Reading of a Min. Therm. on the 15th...		24·0					21·5	
Range of Thermometer Readings		22·8					31·2	
Mean of Highest Daily Readings		43·5					43·5	
Mean of Lowest Daily Readings		35·5					33·8	
Mean Daily Range		8·0					9·7	
Deduced Mean Temp. (from mean of Max. and Min.)		39·5					38·7	
Mean Temperature from Dry Bulb		40·3					39·3	
Adopted Mean Temperature		39·9					39·0	
Mean Temperature of Evaporation		38·5					37·4	
Mean Temperature of Dew Point		36·7					35·4	
Mean elastic force of Vapour	inches	0·217					0·209	
Mean weight of Vapour in a cub. ft. of air, grains		2·6					2·4	
Mean additional weight required for saturation ..		0·3					0·4	
Mean degree of Humidity (saturation 100)		89					87	
Mean weight of a cubic foot of air	grains	553·8					546·9	
Mean amount of Cloud (0—10)		7·9					7·7	
Fall of Rain	inches	2·923					4·719	
Greatest Rainfall in one day (16th)	"	0·656					0·853	
No. of days on which ·005 in. or more Rain fell...		20					20·2	
Wind :—Direction.....	N	NE	E	SE	S	SW	W	NW
No. of days.....	2	7	0	0	0	0	15	7
Mean Velocity in miles per hr.	5·7	6·3	0	0	0	0	10·7	9·1
Total No. of miles.....	275	1055	0	0	0	0	3863	1525
Total No. of miles registered	6718						*Mean	
Greatest hourly velocity (on the 30th, at 8 a.m., Dir. W.N.W.)	30						7835·5	
							41·9	

* For the last 59 years.

DECEMBER, 1926.

DIFFERENCES.

The signs + and — mean respectively above and below the
MONTHLY average.

Mean barometric pressure	...	...	...	+	0.422 in.
Monthly range	..	..	..	—	0.389 in.
Mean of highest daily temperature	...	...	...		0.0°
Mean of lowest	..	..	..	+	1.7°
Mean daily range	...	...	...	—	1.7°
Adopted mean temperature	...	...	...	+	0.9°
Total rainfall	...	...	...	—	1.796 in.

Ground Frost on the 1st, 2nd, 4th—8th, 15th, 19th, 21st—24th, and 27th. Hail on the 3rd. Heavy Rain on the 16th. Fog on the 5th and 13th. Solar Halos on the 2nd and 4th.

EXTREME READINGS FOR DECEMBER,

During 79 Years.

Highest reading of Barometer	...	1905 (12th)	.....	30.484 in.
Lowest	..	1886 (8th)	.....	27.350 in.
Highest temperature	.....	1876 (9th)	.....	58.1°
Lowest	..	1860 (24th)	.....	6.7°
Highest adopted mean temperature	.....	1857	.....	44.6°
Lowest	..	1878	.....	30.3°
Greatest fall of rain	.....	1918	.....	10.595 in.
Least	..	1890	.....	0.550 in.
Greatest fall of rain in one day	...	1870 (19th)	.....	1.962 in.
Greatest No. of days on which				
.005 in. or more rain fell	...	1918	.....	30
Least	..	†1853	.....	8
*Greatest hourly velocity of wind...	...	1894 (22nd)	.....	72 mls.
*Greatest No. of miles registered	...	1898	.....	11265
*Least	..	1916	.....	4517

* Since 1867 only.

† And in other years.

Summary of Observations, 1926.

Results of Observations taken during the Year.	Mean for the last 79 Years.	
<i>Readings of Barometer in inches.</i>		
Mean of the Year	29·501	29·493
Highest Monthly Mean (December)	29·855	29·744
Lowest " " (November)	29·127	29·223
Highest Reading (December 23rd)	30·430	30·292
Lowest " (November 19th and 20th)	28·173	28·207
Range	2·257	2·085
<i>Thermometer, Fahrenheit.</i>		
Highest Monthly Mean Temperature (July)	68·6	58·7
Lowest " " " (January) ...	35·2	35·6
Highest Reading of a Max. Therm. (July 14th) ...	82·8	81·3
Lowest " Min. " (November 1)	23·2	16·4
Range of Thermometer Readings	59·6	64·9
Mean of Highest Daily " 	53·9	54·4
Mean of Lowest Daily " 	42·8	41·0
Mean Daily Range	11·1	13·4
Deduced Mean Temp. (from Mean of Max. and Min.)	47·3	46·7
Mean Temperature from Dry Bulb.....	48·5	47·1
Adopted Mean Temperature of the Year	47·9	46·9
Mean Temperature of Evaporation	45·8	44·6
Mean Temperature of Dew Point	43·5	42·2
Mean elastic force of Vapour	0·288	0·275
Mean weight of Vapour in a cub. ft. of air...grns.	3·4	3·2
Mean additional weight required for saturation ..	0·6	0·7
Mean degree of Humidity (saturation 100).....	86	84
Mean weight of a cubic foot of air	538·2	539·1
Mean amount of Cloud (0—10)	7·4	7·3
Total fall of Rain	48·845	47·282
Greatest Monthly Rainfall (February)	5·801	7·566
Least " " (April).....	1·886	1·265
Greatest Rainfall in one day (October 13th)	2·020	1·646
No. of days per Month on which ·005 inch or more Rain fell	18·5	17·2

SUMMARY OF WIND, 1926.

Prevailing Direction	N	NE	E	SE	S	SW	W	NW
No. of days for each	25	51	40	10	28	41	137	33
Mean Velocity in miles per hour...	5.1	5.8	7.8	6.2	12.5	10.9	10.1	8.5
Total No. of miles for each Direction	3035	7089	7479	1492	8413	10698	33237	6757

		Mean for the last 59 years.
Total No. of miles registered	78200	85149.2
Greatest Monthly Total (March)	9938	9932.4
Least " " (June)	4856	4943.3
Greatest hourly velocity (November 5th)	46	50.3
Prevailing Direction of Wind	W.	

DIFFERENCES, 1926.

The signs + and — mean respectively above and below the
YEARLY average.

Mean barometric pressure	...	...	...	+	0.008 in.
Yearly range	"	...	...	+	0.172 in.
Mean of highest daily temperatures	...	...	...	—	0.5°
Mean of lowest " "	"	"	...	+	1.8°
Mean daily range	...	...	...	—	2.3°
Adopted mean temperature	...	...	...	+	1.0°
Total rainfall	...	...	...	+	1.563 in.

**ABSOLUTE EXTREMES
FOR THE LAST 79 YEARS.**

Readings of Barometer, in inches.

Highest monthly mean	1891 (Feb.)	29·997
Lowest " "	1868 (Dec.)	28·984
Highest yearly "	1921	29·615
Lowest " "	1872	29·319
Greatest monthly range	1886 (Dec.)	2·795
Least " "	1852 (July)	0·505
Highest reading	1896 (Jan. 9th)	30·597
Lowest "	1886 (Dec. 8th)	27·350
Extreme range.....		3·247

Thermometer, Fahrenheit.

Highest monthly mean temperature ...	1901 (July)	63·2
Lowest " " "	1855 (Feb.)	28·6
Highest yearly " "	1921	49·4
Lowest " " "	1879	44·1
Highest reading	1901 (July 20th)	89·0
Lowest " "	1881 (Jan. 15th)	4·6

Weight of Vapour in a cubic foot of air (grains).

Greatest monthly mean	1852 (July)	5·1
Least " "	†1855 (Feb.)	1·4

† And on other dates.

ABSOLUTE EXTREMES
FOR THE LAST 79 YEARS—Continued.

Rainfall, in inches.

Greatest Rainfall in one day	1866 (Nov. 16) ..	3·700
Greatest " " month	1870 (Oct.)	13·437
Least " " "	1859 (May)	0·249
Greatest " " year	1923	63·558
Least " " "	1887	31·250

Days on which ·005 in. or more Rain fell :

Greatest No. in one month	1890 (Jan.)	} 30
	and 1918 (Dec.)	
Least " "	1852 (Mar.)	3
Greatest " year	1872	281
Least " "	1855	135

* *Wind.*

Greatest hourly velocity, in miles	1894 (Dec. 22) ...	72
Greatest No. of miles registered in a month	1888 (Nov.)	12813
Least " " "	1917 (Feb.)	3160
Greatest Mean No. " " "	March	8448
Least " " " " "	September	6054
Greatest No. " " " year..	1868	102395
Least " " " " "	1915	70623

* *Record dates from 1867 only.*

DATES OF OCCASIONAL PHENOMENA.

1926	Frost		Hoar Frost	Snow		Hall	Heavy Rain	
	Gales of Wind	Fog		Thunder	Lightning		Lunar Halo	Solar Halo	Aurora Borealis
January	7, 14, 15, 16, 17, 22	...	...	...
February	11	...	3, 24	...
March	4, 9, 22	4, 9, 20, 22	6, 14, 18, 22	...
April	13	17, 20, 21	...	...
May	15, 16	6, 11, 12, 13	12, 28	...
June	8	...	...
July	18, 20, 22, 23	...
August	10, 11, 12	...
September	10	8, 14, 19, 20	...
October	24	5, 7, 14	8, 12, 13, 24	...
November	16, 18, 24, 30, 31	3	6, 15, 16	...
December	24, 25, 27, 28	...	16	...
1925
January	23	2, 5	...	...	...	...	...	...
February	...	2	...	16	...	...	...	...
March	3	...	4, 9	9	...	...	28	9
April	21	21	...	...	3	...
May	12, 13, 26	12, 13, 26	...	4, 6, 11, 25, 26	...	...
June	8, 23	8, 23	...	...	...	...
July	18, 19, 24, 26, 27	18, 24	...	...	...	...
August	11	...	...	...	...
September	20	20	...	...	16	15
October	...	3, 25	...	...	...	...	19	...
November	5, 13	...	5	5	...	...	9, 19	...
December	...	5, 13	...	...	...	...	2, 4	...

MONTHLY TOTALS FOR EACH HOUR OF RECORDED SUNSHINE.																	
1926. Local apparent time	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9
January ...	...	...	...	...	1.0	3.8	5.1	6.0	3.7	4.2	1.9	1.1	...	...	...	...	...
February ...	...	...	...	0.6	3.3	5.6	6.6	6.7	5.4	5.2	3.8	1.9	0.5	...	...	...	...
March ...	...	...	...	2.9	7.6	9.2	10.8	10.5	12.4	10.7	10.5	5.8	4.4	1.2	...	...	...
April ...	...	0.1	2.7	4.6	6.4	7.8	10.3	8.5	12.9	12.2	13.3	13.4	12.1	8.0	2.3	...	...
May ...	...	5.2	10.4	12.6	12.3	14.7	16.0	16.1	13.6	13.0	9.3	11.5	10.3	7.5	6.5	1.8	...
June ...	1.3	6.9	10.6	10.7	11.5	10.4	11.7	13.0	14.0	13.9	12.3	13.0	14.0	14.0	10.7	6.4	...
July ...	0.5	4.1	5.3	7.1	9.4	10.2	11.8	13.2	13.8	11.8	10.2	10.8	13.1	11.4	9.4	3.0	...
August ...	...	1.1	5.7	11.3	13.7	14.5	16.7	17.2	17.8	18.4	17.2	14.4	12.3	11.4	4.2	0.2	...
September ...	...	...	1.0	3.6	6.4	7.8	10.6	13.5	14.3	15.9	12.9	12.1	8.5	2.6	0.1	...	...
October ...	...	...	...	1.9	8.5	12.1	12.1	14.8	14.4	11.1	9.6	8.9	4.2	...	...	...	...
November ...	...	...	...	...	1.1	2.6	5.1	8.3	11.5	8.7	3.7	1.3	...	...	...	...	...
December ...	...	...	...	...	0.3	4.5	6.1	8.7	8.1	7.5	4.2	0.2	...	...	...	...	...
Sums ...	1.8	17.4	35.7	55.3	81.5	103.2	122.9	136.5	141.9	132.6	108.9	94.4	79.4	56.1	33.2	11.4	...

TOTAL AMOUNT OF SUNSHINE RECORDED ON EACH DAY.

1926	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
January ...	0.0	...	...	0.1	...	3.2	1.7	...	0.7	...	0.7	0.6	3.6	1.4	0.2	...	...
February ...	1.5	...	1.7	...	...	...	...	...	0.3	...	...	2.1	6.2	...	2.4	3.8	4.9
March ...	...	1.6	5.1	0.8	4.7	3.6	...	0.6	3.7	8.4	0.2	0.3	...	0.1	6.3	3.1	4.6
April ...	2.1	4.0	0.1	6.2	7.3	1.0	2.5	3.8	4.2	2.7	10.4	10.5	11.2	1.1	2.8	1.2	1.3
May ...	...	5.8	10.0	4.3	2.3	7.6	1.4	2.8	7.2	1.8	9.0	6.1	4.3	1.6	7.9	13.1	5.4
June ...	13.9	4.1	9.0	8.1	9.2	8.9	11.8	5.7	7.0	0.1	0.9	6.0	8.1	...	0.6	0.8	1.1
July ...	10.3	14.9	5.2	9.6	3.0	0.1	2.2	1.5	5.5	2.8	6.1	1.8	6.2	9.2	0.1	6.2	0.8
August ...	13.5	6.3	4.7	6.1	8.7	6.5	8.1	0.3	5.7	6.4	5.5	4.9	2.2	2.4	...	3.1	8.8
September ...	...	...	6.8	4.6	3.7	5.2	...	0.2	...	2.0	1.9	2.2	4.9	2.8	5.2	0.6	4.0
October ...	3.0	3.8	5.0	2.5	...	1.5	3.2	1.4	1.8	2.7	...	1.2	2.4	2.7	...	7.5	9.2
November ...	1.0	...	3.7	...	0.2	0.3	1.4	0.3	2.2	0.7	3.0	6.2	0.7	0.3	...	0.4	...
December ...	1.4	...	0.5	2.2	...	3.7	...	0.4	...	...	...	...	...	...	2.3	...	...

TOTAL AMOUNT OF SUNSHINE RECORDED ON EACH DAY—(continued).

1926	18	19	20	21	22	23	24	25	26	27	28	29	30	31	MONTHLY	
															Total	Per cent.
January ...	...	2.1	1.1	...	...	...	...	0.8	...	0.5	4.5	0.8	3.2	1.6	26.8	10.8
February ...	3.3	...	...	0.1	2.9	...	0.8	0.6	...	0.1	8.9	×	×	×	39.6	14.6
March ..	0.4	...	3.6	1.6	5.2	1.2	7.4	2.4	0.9	6.3	7.0	3.8	3.1	...	86.0	23.5
April ...	9.6	7.2	3.7	3.5	2.2	4.3	3.3	3.5	...	0.1	...	2.2	2.6	×	114.6	27.4
May ...	1.1	8.1	8.5	1.8	10.7	7.8	5.8	0.7	3.2	5.4	0.4	5.9	2.7	8.1	160.8	32.6
June ...	5.8	2.9	0.1	6.1	9.6	9.5	3.3	10.4	4.4	7.9	6.5	10.1	2.5	×	174.4	34.3
July ...	0.3	3.3	5.1	6.0	...	...	0.7	3.3	6.4	3.4	0.1	9.1	13.4	8.5	145.1	28.5
August ...	5.7	5.0	...	9.5	6.6	4.5	2.5	4.3	8.4	12.5	10.2	8.7	4.3	0.7	176.1	38.5
September ..	7.8	4.3	4.8	10.3	9.7	2.4	4.8	2.2	4.2	5.6	5.2	1.1	2.8	×	109.3	28.8
October ...	8.2	0.9	2.0	3.2	...	6.0	1.2	2.1	8.6	...	...	1.6	8.3	7.6	97.6	29.9
November...	...	0.2	...	1.4	0.1	2.8	5.0	...	1.9	3.7	2.9	2.8	1.1	×	42.3	16.5
December ..	5.2	0.7	4.8	4.3	2.2	2.5	1.0	0.6	0.5	0.1	...	4.6	...	2.6	39.6	17.1

SUMMARY OF SUNSHINE.

	BRIGHT SUNSHINE RECORDED					
	1926			Mean for the last 46 years		
	Number of		Percentage of Possible Sunshine	Number of		Percentage of Possible Sunshine
	Days	Hours		Days	Hours	
January ...	17	26·8	10·8	14·3	32·3	13·0
February ...	15	39·6	14·6	17·6	56·4	20·6
March ...	26	86·0	23·5	24·3	102·5	28·0
April ...	28	114·6	27·4	26·4	146·7	35·0
May ...	30	160·8	32·6	27·8	182·8	37·1
June ...	29	174·4	34·3	28·1	185·6	36·6
July ...	28	145·1	28·5	28·3	169·2	33·3
August ...	29	176·1	38·5	27·5	147·0	32·1
September ..	26	109·3	28·8	25·6	123·4	32·6
October ...	25	97·6	29·9	23·6	86·0	26·4
November ..	23	42·3	16·5	18·0	47·6	18·6
December ...	18	39·3	17·1	13·8	26·7	11·6
Year ...	294	1212·2	27·2	275·3	1310·0	29·3

SUMMARY OF SUNSHINE—Continued.
EXTREMES FOR THE LAST 46 YEARS.

MONTH	Number of Days				Number of Hours				Percentage of Possible Sunshine			
	on which Sunshine was recorded								Greatest		Least	
	Greatest		Least		Greatest		Least		Greatest		Least	
Jan.	21	1881	8	1898	64.2	1881	12.3	1913	25.9	1881	5.0	1913
Feb.	24	1895	11	1882	89.3	1887	29.6	1882	32.8	1887	10.9	1882
Mar.	28	*1894	17	1904	168.6	1907	56.8	1912	46.1	1907	15.5	1912
April	30	*1909	22	1920	223.7	1893	80.7	1920	53.4	1893	19.3	1920
May	30	*1880	22	1886	266.6	1881	79.7	1906	54.1	1881	16.2	1906
June	30	*1896	24	*1888	272.5	1887	85.2	1912	53.6	1887	16.8	1912
July	31	*1882	24	1920	263.4	1911	98.0	1888	51.7	1911	19.3	1888
Aug.	31	*1886	23	1894	235.2	1899	74.1	1912	51.5	1899	16.2	1912
Sept.	30	1914	21	1897	176.5	1914	62.9	1896	46.6	1914	16.6	1896
Oct.	28	*1891	17	1889	134.9	1899	50.0	1889	41.4	1899	15.3	1889
Nov.	24	1925	9	1897	89.9	1925	18.5	1891	33.8	1915	7.2	1891
Dec.	20	1917	6	1882	60.1	1886	7.4	1912	26.0	1886	3.2	1912
Year	300	1905	251	1903	1613.7	1887	927.6	1912	36.1	1887	20.7	1912

*And in other years.

HORIZONTAL MAGNETIC DIRECTION.

Horizontal Magnetic Direction, West of North (from daily measures of the continuous curves).

1926.	MEANS OF *					Mean for the month	Mean daily range †	Highest reading of the month	Lowest reading of the month	Monthly range
	Highest readings	Lowest readings	4 a. m. readings	4 p. m. readings*	Mean for the month					
	14° +									
January ...	49.3	43.3	44.7	47.3	46.2	15.8	72.0	0.0	72.0	
February ...	48.3	40.9	44.5	45.3	44.8	18.1	93.0	19.0	74.0	
March ...	50.0	41.6	44.2	47.2	45.8	17.6	68.0	-9.0	77.0	
April ...	45.3	38.3	40.3	42.9	41.7	16.5	84.0	-1.0	85.0	
May ...	44.8	36.6	40.0	43.2	41.2	12.2	50.0	20.0	30.0	
June ...	41.8	30.4	35.4	40.2	37.0	14.7	50.0	8.0	42.0	
July ...	43.5	32.9	36.3	40.5	38.3	14.3	49.0	20.0	29.0	
August ...	44.8	33.8	36.8	40.6	39.0	14.5	49.0	17.0	32.0	
September ...	42.0	34.0	36.2	39.6	38.0	17.9	66.0	9.0	57.0	
October ...	39.3	33.1	35.1	37.3	36.2	18.5	>120.0 †	<-46.0 †	>166.0 †	
November ...	36.9	32.7	34.5	35.7	35.0	9.0	43.0	7.0	36.0	
December ...	35.1	30.9	33.3	34.5	33.5	8.5	36.0	8.0	28.0	
Means ...	43.4	35.7	38.5	41.2	39.7	14.8	65.0	4.3	60.7	

Mean for the year ... 14° 39'.7 W.

* For the 5 quietest days.

† Includes all days.

‡ Beyond the limits of registration.

REVISED.**HORIZONTAL MAGNETIC FORCE.**

Horizontal Magnetic Force in C. G. S. Units (from daily measures of the continuous curves).

The figures in the columns are entered to the unit 10^{-5} C.G.S.

1926	MEANS OF *				Mean for the month	Mean daily range †	Highest reading of the month	Lowest reading of the month	Monthly range
	Highest readings	Lowest readings	4 a.m. readings	4 p.m. readings					
		17000 +			0 +	17000 +			0 +
January	255	225	239	234	239	89.8	567	- 84	651
February	253	220	245	242	240	79.6	> 543 †	101	> 442 †
March	264	213	242	248	242	91.1	434	68	366
April	264	218	248	250	245	104.8	478	-107	585
May	268	224	250	253	249	89.3	358	134	224
June	280	228	260	265	258	86.7	436	102	334
July	274	223	244	246	244	67.3	326	157	169
August	259	211	244	250	241	66.0	299	145	154
September	242	206	233	229	227	86.6	365	- 4	369
October	252	222	242	238	238	92.9	> 628 †	< - 90 †	> 718 †
November	251	228	243	244	241	43.0	289	151	138
December	247	227	241	240	239	42.7	279	151	128
Means ...	259	220	244	245	242	78.3	417	60	357

Mean for the year ... † 17242 C. G. S. Units.

* For the 5 quietest days.

† Includes all days.

‡ Beyond the limits of registration.

REVISED.**ABSOLUTE MEASURES—SUMMARY.**

DIRECTION			FORCE.		
1926	Declination Corrected	Inclination	Horizontal	Vertical	Total
	° ' "	° ' "	C. G. S. UNITS.		
	14 +	68 +	0·17000 +	0·44000 +	0·47000 +
January ...	46·2	41·3	239	185	430
February ...	44·8	47·4	240	434	651
March ...	45·8	44·1	242	301	538
April	41·7	44·3	245	318	555
May	41·2	43·3	249	289	530
June	37·0	41·7	259	257	506
July	38·3	44·2	244	311	547
August ..	39·0	43·9	241	292	530
September ...	38·0	51·6	228	553	768
October ...	36·2	46·0	239	367	598
November ...	35·0	43·4	242	360	516
December ...	33·5	44·3	240	307	543
Means ...	° ' "	° ' "	0·17242	0·44331	0·47559
	14 39·7 W.	68 44·6			

DATES OF MAGNETIC DISTURBANCES.

The disturbances are divided generally into three classes, *small*, *moderate*, and *greater*; these are indicated by the initial letters of the classes, and the letter *c* denotes *calm*. Very great disturbances are marked *v.g.* The days are civil days.

1926	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1926	
D.													D.	
1	s	s	s	s	c	v.g.	s	s	c	c	m	c	1	
2	s	g	g	s	c	v.g.	s	s	s	c	m	c	2	
3	s	m	m	s	m	s	s	s	s	s	m	c	3	
4	s	m	c	c	v.g.	c	s	s	c	m	c	s	4	
5	c	s	v.g.	s	m	c	m	c	c	s	c	c	5	
6	s	c	m	m	g	s	s	c	m	s	c	c	6	
7	m	c	s	m	m	s	m	c	s	m	c	c	7	
8	s	c	c	m	s	g	m	c	g	s	c	c	8	
9	s	c	v.g.	m	m	m	s	m	g	s	c	c	9	
10	s	s	v.g.	s	v.g.	m	s	s	m	c	c	s	10	
11	s	g	m	m	m	s	s	c	m	s	c	s	11	
12	s	m	c	s	m	c	s	s	m	s	s	s	12	
13	v.g.	m	c	m	m	s	s	g	s	m	c	s	13	
14	m	s	s	v.g.	s	s	s	s	v.g.	v.g.	c	c	14	
15	v.g.	m	c	v.g.	s	s	c	s	v.g.	v.g.	s	m	15	
16	m	s	s	v.g.	s	s	s	c	v.g.	v.g.	c	m	16	
17	c	m	s	m	m	s	s	s	s	s	c	s	17	
18	m	m	m	s	m	s	s	s	m	s	c	s	18	
19	m	m	m	s	s	c	c	m	g	g	c	m	19	
20	c	s	m	c	m	c	c	s	v.g.	c	c	m	20	
21	c	s	m	m	m	c	c	c	v.g.	c	g	s	21	
22	v.g.	m	m	m	s	c	c	c	m	c	c	s	22	
23	v.g.	v.g.	s	m	c	s	c	c	m	c	s	g	23	
24	c	v.g.	c	g	c	c	s	s	s	c	s	s	24	
25	c	v.g.	c	c	s	c	s	c	s	v.g.	c	c	25	
26	v.g.	m	c	m	c	c	s	c	c	s	c	c	26	
27	v.g.	s	s	s	c	c	m	c	c	s	c	m	27	
28	s	s	s	c	c	s	m	s	c	s	g	m	28	
29	c		m	c	c	s	c	c	c	s	v.g.	m	29	
30	c		s	s	c	c	s	c	c	c	s	c	30	
31	c		c		s		v.g.	s		c		c	31	
TOTAL	{ c s m g vg	9 11 5 10 0 6	4 9 10 2 3	9 9 9 1 3	5 10 11 1 3	9 8 11 1 2	12 13 2 1 2	6 19 5 0 1	12 15 7 2 2 0	8 7 7 3 3 5	10 13 3 1 4	18 6 3 2 1	11 12 7 1 0	

DATES OF SOLAR OBSERVATIONS, AND DISC AREAS OF SPOTS AS MEASURED FROM THE DRAWINGS.

The unit is $\frac{1}{5000}$ th of the visible surface.

n = note without a complete drawing.

1926	Jan.	Feb.	March	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	1926
D.													D.
1		1.3		1.5		4.2	8.4	7.9		0.3	2.3	6.3	1
2			n	1.1	6.3	3.2	6.5	5.5		0.1		n	2
3		3.4	14.9	n	6.2	4.3	4.3	5.3	0.4	0.4	2.4	4.5	3
4			15.7	0.6	7.5	5.1	2.9	4.4	0.3	0.6		2.6	4
5	n		19.5	0.5	7.2	5.8	1.1	4.0	0.4				5
6	4.9		14.5	0.7	7.2	5.8	n	4.2	0.8	4.9		2.5	6
7	6.7			0.7	4.4	5.8	0.5	3.4		6.2	1.7		7
8		n	6.4	0.9	4.4	6.2	0.2	n	n	11.9	1.2	3.5	8
9		5.1	4.5	1.8	6.3	6.7	0.2	2.8		14.5	1.5		9
10			3.1	2.2			0.3	3.9	1.0	16.0	1.8		10
11	5.2			2.5	7.9	4.7	0.5	4.1	2.0	n	1.9		11
12	5.5	13.6		2.8	8.9	2.9	0.2	5.0	2.7	15.9	1.9		12
13	4.8	17.9		3.0	7.3	3.9	0.1	n	3.1	16.4	1.5		13
14	4.5			2.2	6.4		0.2	4.6	5.4	14.1			14
15	n	17.0	5.9	1.7	6.1	n	n		11.4			10.1	15
16		18.6	6.4	2.6	4.9	n	0.0	4.5	12.1	10.7	0.1		16
17		15.8	7.5	3.2	3.4	0.5	0.0	5.1	16.0	8.7			17
18		13.4	n	2.5		2.8	0.0	3.8	17.4	4.8		13.7	18
19	16.1			3.5	4.0		0.1	3.1	19.1	4.1	0.6	8.2	19
20	25.9		3.7	2.0	5.2		0.1		16.3	3.2		8.4	20
21	n		3.0	1.3	4.2	5.6	0.7	2.4	13.1	2.2	2.9	7.1	21
22		5.8	2.2	0.7	3.4	4.0		1.9	14.0	1.4	3.9	5.6	22
23			1.5	0.4	2.5	5.1		2.9	10.5	2.3	4.7	5.9	23
24		3.9	1.3	0.0	2.1	6.6	n	4.0	8.7	2.3	6.3	5.5	24
25	34.1	n	1.3	0.1	0.9	8.1	9.0	3.5	7.0	2.8			25
26			2.9		0.3	8.2	14.2	2.4	4.8	3.8	5.6	4.3	26
27	22.2		3.4		0.2	9.1	14.0	2.8	3.7		3.8	n	27
28	17.9	10.4	3.1			8.1		1.8	2.7		5.2		28
29			3.0	1.1	1.9	7.7	12.9	1.3	1.9	4.4	5.4	7.1	29
30	3.0		2.7	3.6	2.0	7.6	10.3	0.6	0.8	3.9	5.6		30
31	2.4				2.9		11.1	0.4		3.5		8.1	31
Daily Means	11.9	10.5	6.0	1.7	4.6	5.5	3.9	3.5	7.0	6.1	3.0	6.5	

SUN-SPOT STATISTICS, 1926.

Any area less than 0.1 is entered as 0.0; s—chief spot, g—centre of group, p—preceding spot, f—following spot, indicate the points for which the co-ordinates were measured. In the last column is entered the day and decimal thereof on which the centre of the spot or groups passed the central meridian. The entry 'a' signifies that the spot appeared *after* the Central Meridian had been reached, 'b' that it disappeared *before* reaching it. An entry in *italics* denotes that the group almost certainly crossed the Central Meridian, but that either the last observation of the group was before it had crossed, or its first observation was after. An entry in brackets indicates that it is doubtful whether the group or spot crossed or not.

No. of Group	Date	Mean Latitude °	Mean Longitude °	Max. Area	Mean Type	Central Meridian
469	Dec. 31—Jan. 6	+37.4	354.4	0.2	I, g.	31.70
1	Jan. 6	+ 2.2	299.1	0.0	I, g.	(5.00)
2	" 6—14	+21.3	207.3	0.8	IV, s.	11.95
3	" 5—11	-16.9	287.8	5.2	V, g.	5.90
4	" 7—15	+16.6	192.5	1.5	III, g.	13.05
5	" 7—15	+24.9	189.3	1.7	V, g.	13.30
6	" 11—15	-14.6	180.3	0.6	IV, s.	14.00
7	" 11—15	-18.4	173.1	0.4	IV, s.	14.55
8	" 11—14	+19.3	145.5	0.1	I, s.	(16.65)
9	" 11—21	+15.9	134.9	1.6	IV, s.	17.40
10	" 19—25	+15.9	74.0	0.4	IV, s.	22.10
11	" 19—30	+20.7	43.0	26.7	V, g.	24.40
12	" 19—21	-31.8	78.4	0.1	IV, s.	21.70
13	" 19—28	-21.0	69.4	7.5	IV, s.	22.40
14	" 19—21	- 8.1	58.4	0.9	I, g.	(23.25)
15	" 19—20	-14.8	48.6	0.1	I, s.	(24.00)
16	" 20	-10.9	89.2	0.1	I, s.	20.95
17	" 25	+16.3	26.3	0.1	I, s.	25.70
18	" 25—Feb. 3	-18.1	326.9	0.8	IV, s.	30.20
19	" 27— " 3	-19.9	288.3	2.7	I, III, g.	2.15
20	" 31	-20.2	275.2	0.0	I, s.	b.
21	Feb. 3	+13.1	271.9	0.6	IV, g.	3.40
22	Feb. 8—18	-18.0	125.5	10.2	III, g.	14.50
23	" 8—18	+19.5	137.4	1.6	IV, s.	13.60

SUN-SPOT STATISTICS, 1926—Contd.

No. of Group	Date	Mean Latitude °	Mean Longitude °	Max. Area	Mean Type	Central Meridian
24	Feb. 12—18 ..	+15.5	124.8	2.0	IV, s.	14.55
25	„ 12—13 ..	+21.4	185.6	0.4	I, g.	(9.95)
26	„ 12—16 ..	+21.0	165.6	0.5	I, g.	(11.45)
27	„ 12—22 ..	-12.4	84.5	5.5	II, g.	17.65
28	„ 12—18 ..	+14.9	80.4	1.1	IV, g.	17.95
29	„ 13—25 ..	-20.1	65.8	4.1	IV, s.	19.05
30	„ 15—25 ..	+20.9	37.8	2.2	V, g.	21.20
30s	„ 15—25 ..	+22.1	36.0	..	s.	..
31	„ 16—25 ..	+15.3	25.7	0.7	IV, g.	22.10
32	„ 18	-25.3	70.9	0.1	I, s.	18.65
33	„ 24—25 ..	+11.7	42.6	0.7	I, g.	a.
34	„ 25—Mar. 10	-27.1	252.0	14.0	V, g.	4.25
35	„ 28— „ 5	+25.7	276.9	0.3	I, g.	2.25
36	„ 28	-20.5	306.4	0.0	I, s.	(28.10)
37	„ 28—Mar. 6	-19.7	285.6	3.5	II, g.	1.70
38	Mar. 2—10 ..	-16.7	208.4	1.7	I, III, g.	7.50
39	„ 3—10 ..	+20.0	180.3	2.7	III, g.	9.70
40	„ 5	-19.0	239.7	0.0	I, g.	5.20
41	„ 6—15 ..	-13.0	140.3	0.7	IV, g.	12.70
42	„ 8—9 ..	+11.3	148.3	0.2	I, g.	b.
43	„ 10	-17.3	223.0	0.0	I, s.	a.
44	„ 10—18 ..	-16.0	126.4	2.3	III, II, g.	13.75
45	„ 15—17 ..	+25.0	152.0	0.4	I, g.	(11.85)
46	„ 15	-24.2	114.3	0.0	I, s.	(14.70)
47	„ 15—17 ..	-16.8	97.9	0.2	I, g.	15.95
48	„ 15—21 ..	+27.0	88.3	0.7	IV, g.	16.65
49	„ 15—21 ..	+22.9	77.2	0.5	IV, g.	17.50
50	„ 15—18 ..	+ 8.6	56.6	0.2	I, g.	(19.05)
51	„ 15—24 ..	-19.5	62.3	3.5	IV, s.	18.60
52	„ 17—22 ..	+14.3	47.1	0.3	I, g.	19.80
53	„ 18—21 ..	-22.3	10.1	0.1	I, g.	b.
54	„ 20	+23.3	38.3	0.0	I, g.	20.45
55	„ 22	- 9.7	37.6	0.1	I, g.	a.
56	„ 23—24 ..	+ 9.9	13.2	0.2	I, g.	a.
57	„ 24—26 ..	+20.4	359.8	0.1	I, s.	a.
58	„ 23—26 ..	-20.3	286.7	0.2	I, g.	b.
59	„ 24—Apl. 4	+26.0	271.6	2.4	III, II, g.	30.05

SUN-SPOT STATISTICS, 1926—*Contd.*

No. of Group	Date.	Mean Latitude o	Mean Longitude o	Max. Area	Mean Type	Central Meridian
60	Mar. 25—30 ..	-23.4	335.7	1.1	I, II, g.	25.20
61	„ 27—29 ..	-24.9	254.6	0.1	I, s.	b.
62	„ 29	-21.4	283.3	0.1	I, g.	a.
63	„ 29	-30.4	233.0	0.1	I, s.	b.
64	„ 30—Apl. 10	- 8.8	192.6	0.5	IV, s.	5.05
65	Apl. 1	- 7.6	271.6	0.0	I, s.	a.
66	„ 2	+18.7	166.1	0.0	I, g.	b.
67	„ 6—17 ..	+11.9	97.4	1.3	IV, s.	12.25
68	„ 6— 7 ..	-25.7	112.5	0.1	I, s.	b.
69	„ 8— 9 ..	-12.2	97.0	0.0	I, g.	b.
70	„ 9—11 ..	-15.0	88.4	0.1	I, g.	b.
71	„ 9—19 ..	-18.8	57.2	1.4	II, IV, g.	15.30
72	„ 11	+19.5	95.5	0.0	I, s.	b.
73	„ 11—15 ..	- 7.8	121.4	0.3	I, g.	a.
74	„ 12	-18.9	69.9	0.0	I, s.	b.
75	„ 12	-24.5	55.6	0.0	I, s.	b.
*76	„ 12—20 ..	†22.0	56.2	1.2	I, IV, g.	(15.40)
77	„ 12—23 ..	-28.0	18.3	1.7	IV, g.	18.25
78	„ 13	+ 9.6	18.2	0.1	I, s.	b.
79	„ 14—16 ..	+19.8	2.6	0.1	I, s.	b.
80	„ 17—19 ..	-19.3	38.1	0.5	I, g.	(16.75)
81	„ 18—22 ..	+27.2	33.0	0.8	I, g.	a.
82	Apl. 20	-13.3	29.1	0.1	I, g.	a.
83	„ 23—25 ..	+10.4	250.2	0.1	I, g.	(27.95)
84	„ 24	-22.1	306.3	0.0	I, g.	(23.70)
85	„ 25	-16.3	228.9	0.0	I, s.	b.
86	„ 29	+21.7	292.2	0.0	I, s.	a.
87	„ 29—May 9	+ 7.7	168.1	1.6	IV, g.	4.15
88	„ 29— „ 11	-19.7	143.0	5.6	II, III, g.	6.05
89	„ 30	-10.0	205.4	0.1	I, g.	(1.35)
90	„ 30	+26.7	195.7	0.1	I, g.	b.
91	May 3— 6 ..	+14.4	195.3	0.9	IV, g.	a.
92	„ 4— 9 ..	+20.7	148.2	0.5	I, g.	5.70
93	„ 7	-16.5	104.6	0.0	I, g.	b.
94	„ 7—19 ..	-19.7	41.9	6.6	II, g.	13.75
95	„ 8— 9 ..	+17.2	171.6	0.3	I, g.	a.
96	„ 8—13 ..	+19.2	77.3	0.1	I, g.	11.05

* Not visible on April 15.

SUN-SPOT STATISTICS, 1926—Contd.

No. of Group	Date	Mean Latitude °	Mean Longitude °	Max Area	Mean Type	Central Meridian
97	May 8	+25.4	56.6	0.0	I, s.	b.
98	„ 9—17	+17.5	71.3	0.8	I, IV, g.	11.50
99	„ 11—14	-16.8	106.4	1.4	II, g.	a.
100	„ 12—16	+21.3	44.7	0.8	III, g.	13.50
101	„ 13—17	+20.2	335.8	0.2	I, g.	(18.70)
102	„ 14	+ 2.5	22.1	0.1	I, g.	(15.20)
103	„ 14—20	+ 9.7	358.0	0.5	I, g.	17.00
*104	„ 14—22	+21.3	350.5	0.2	I, g.	(17.60)
105	„ 15—26	-18.2	303.0	4.6	IV, g.	21.20†
106	„ 17	-12.0	40.7	0.0	I, s.	a.
107	„ 19—22	-18.7	262.5	0.2	I, s.	b.
108	„ 19—20	-22.7	18.0	0.3	I, g.	a.
109	„ 19	-21.1	347.8	0.0	I, g.	a.
110	„ 20—25	+21.3	302.2	0.6	I, g.	21.25
111	„ 22	+13.1	279.2	0.1	I, g.	(23.00)
112	„ 25	+11.8	278.7	0.1	I, g.	a.
113	„ 26—June 5	-19.0	149.6	0.8	IV, g.	1.80
114	„ 27	+15.7	193.0	0.0	I, g.	b.
115	„ 29—June 7	- 8.0	143.2	1.0	IV, s.	2.25
116	„ 29— „ 9	-15.5	115.1	1.7	IV, g.	4.40
117	„ 29— „ 8	+22.2	129.9	0.8	III, g.	3.30
118	„ 30	+24.2	236.3	0.0	I, s.	a.
119	June 1—13	+17.8	72.4	1.3	IV, s.	7.60
120	„ 2	- 9.0	137.0	0.0	I, g.	(2.75)
121	„ 3	-15.9	133.9	0.0	I, s.	(3.00)
122	„ 4—15	+ 8.9	43.1	3.7	II, g.	9.80
123	„ 4— 7	-19.6	40.0	0.1	I, g.	b.
124	„ 6—15	-25.1	38.6	0.7	I, IV, g.	10.15
125	„ 6— 7	-18.1	103.7	0.0	I, g.	a.
126	June 7— 9	-16.3	92.0	0.7	III, IV, g.	a.
127	„ 8—12	+12.2	57.3	0.3	I, g.	8.75
128	„ 8—11	+26.3	56.4	0.1	I, g.	8.80
129	„ 11—18	-13.5	307.9	1.0	I, II, g.	17.05
130	„ 12—13	+16.5	353.9	0.1	I, g.	13.55
131	„ 13	+21.2	57.5	0.3	I, g.	a.
†132	„ 15—24	-13.6	275.5	0.1	I, g.	(19.45)
133	„ 16—27	+24.4	240.5	5.3	IV, s.	22.15

* Not visible on May 17th.

† Not visible on June 18th, 22nd.

SUN-SPOT STATISTICS, 1926—*Contd.*

No. of Group	Date	Mean Latitude °	Mean Longitude °	Max. Area	Mean Type	Central Meridian
134	June 18	- 7.0	286.2	0.1	I, s.	18.65
135	" 18	-12.8	260.8	0.0	I, s.	b.
136	" 21—29	-28.1	194.2	0.3	IV, s.	25.60
137	" 23—July 5	+22.0	135.8	7.4	II, g.	30.05
137p	" 23— " 5	+21.2	144.2	5.9	s.	29.40
137f	" 23— " 5	+22.9	127.4	2.3	s.	30.65
138	" 24—26	+29.4	126.4	0.1	I, g.	b.
139	" 26	+13.7	208.8	0.1	I, s.	a.
140	" 26—July 1	+ 8.9	180.9	0.6	I, g.	26.60
141	" 26	-10.4	242.3	0.0	I, s.	a.
142	" 26—July 3	-16.7	120.5	0.4	I, g.	1.20
143	" 27— " 5	+ 7.2	99.0	0.5	IV, s.	2.80
144	" 28— " 2	+19.8	192.2	1.0	I, III, g.	a.
145	" 30— " 4	+20.4	63.1	0.2	I, g.	b.
146	" 29— " 3	+16.0	68.4	0.1	I, g.	b.
147	" 30	-20.4	111.3	0.0	I, s.	b.
148	" 30— " 4	+ 9.8	51.9	0.3	I, g.	b.
149	July 2	+ 8.0	85.5	0.1	I, g.	b.
150	" 3	+ 4.1	54.1	0.0	I, s.	b.
151	" 3—4	-20.6	30.1	0.1	I, s.	b.
152	" 4—12	-23.3	43.6	0.3	I, g.	7.00
153	" 5—7	- 9.8	57.1	0.3	I, g.	6.00
154	" 6(?)—8	- 9.4	62.7	0.1	I, g.	(5.55)
155	" 6(?)—8	-13.2	54.1	0.1	I, g.	(6.20)
156	" 6(?)—10	-14.2	42.9	0.2	I, g.	7.05
157	" 9—13	-21.9	316.5	0.1	I, g.	13.60
158	" 11	+23.1	32.8	0.0	I, s.	a.
159	" 11	+14.4	339.5	0.0	I, s.	11.85
160	" 13—16	-11.1	289.5	0.1	I, g.	15.60
161	" 14	+13.9	228.9	0.0	I, s.	b.
162	" 19	+29.1	235.8	0.0	I, g.	19.65
163	" 19	+19.7	199.9	0.1	I, s.	b.
164	" 19—30	+17.4	174.2	1.7	I, IV, g.	24.30
165	" 20—21	-11.3	206.9	0.0	I, g.	(22.00)
166	" 21	+28.3	233.7	0.0	I, s.	a.
167	" 21	+11.5	153.3	0.1	I, g.	b.
168	July 21—Aug. 1	+21.9	136.0	0.9	IV, I, g.	27.30

SUN-SPOT STATISTICS, 1926—Contd.

No. of Group	Date	Mean Latitude °	Mean Longitude °	Max Area	Mean Type	Central Meridian
{ 169p	July 24—30 ..	-15.6	178.1	1.5	s.	24.00
169	" 24—30 ..	-16.9	174.0	2.6	II, g.	24.30
169f	" 24—30 ..	-18.1	169.9	1.5	s.	24.65
{ 170p	" 24—Aug. 5	-9.4	104.6	6.7	p.g.	29.60
170	" 24— " 5	-10.5	99.3	10.9	II, g.	30.00
{ 170f	" 24— " 5	-11.6	93.9	4.8	f.g.	30.40
171	" 26	-13.8	137.0	0.0	I, g.	(27.15)
172	" 26— " 4	+20.6	96.5	0.6	I, g.	30.20
173	" 29— " 5	-20.0	46.9	0.6	I, g.	2.95
174	" 31— " 7	+10.0	23.2	0.7	I, g.	4.75
175	Aug. 1	+27.9	113.8	0.0	I, s.	a.
*176	" 1	+13.5	350.0	0.1	I, s.	b.
177	" 2— 4	+27.0	66.9	0.2	I, g.	(1.95)
178	" 3— 5	-12.6	34.4	0.2	I, g.	3.90
179	" 3—14	-18.6	332.1	4.0	IV, III, g.	8.60
180	" 9	+21.6	12.2	0.1	I, g.	a.
181	" 9—14	-20.3	282.6	0.4	I, g.	12.35
{ 182	" 10—21	-18.2	229.8	4.6	II, g.	16.35
182p	" 10—21	-17.8	233.9	3.3	s.	16.05
{ 182f	" 10—21	-17.7	225.7	1.5	s.	16.65
183	" 14—21	-10.5	182.8	0.6	I, g.	19.90
184	" 19—30	+19.2	103.2	0.4	I, g.	25.90
185	" 19—24	-24.1	183.5	0.6	I, g.	19.85
186	" 19—30	- 8.3	112.6	1.1	IV, s.	25.20
187	" 21	+22.3	195.7	0.0	I, g.	a.
188	" 21—26	+19.2	178.1	2.0	III, g.	(20.25)
189	" 21—29	-19.8	98.3	0.5	IV, s.	(26.30)
190	" 24—29	-20.2	60.2	0.7	II, g.	29.15
†191	" 25—31	-12.2	94.4	0.6	I, g.	(26.60)
192	" 26	+22.1	152.1	0.0	I, s.	a.
193	" 27—31	+24.6	27.6	0.1	I, g.	31.65
194	" 27	-17.0	103.2	0.0	I, s.	a.
195	" 30—Sept. 6	-17.4	328.9	0.3	I, g.	5.10
196	" 31	+15.2	8.4	0.0	I, g.	(2.10)
197	Sept. 3	-14.9	62.1	0.1	I, s.	a.
198	" 3— 8	-25.1	299.6	0.5	I, g.	7.30
199	" 4— 5	-12.6	279.8	0.0	I, g.	b.

* Probably a veiled spot.

† Not visible on August 26th.

SUN-SPOT STATISTICS, 1926—Contd.

No. of Group	Date	Mean Latitude °	Mean Longitude °	Max Area	Mean Type	Central Meridian
200	Sept. 5—6 ..	+25.2	258.3	0.0	I, s.	b.
201	" 5—8 ..	-12.6	302.3	0.2	I, g.	7.10
202	" 10—18 ..	+25.1	211.5	0.7	I, g.	13.45
203	" 10—21 ..	+19.0	179.1	2.0	II, g.	16.40
{ 204	Sept. 13—26 ..	+23.8	136.0	18.1	II, III, g.	19.70
{ 204p	" 13—26 ..	+23.6	142.7	10.1	s.	19.20
{ 204f	" 13—26 ..	+24.1	127.5	8.0	s.	20.35
*205	" 15—22 ..	-10.5	116.9	0.2	I, s.	(21.15)
206	" 17—18 ..	-9.9	146.3	0.0	I, g.	18.45
†207	" 17—23 ..	-10.8	99.6	0.1	I, g.	(22.46)
208	" 18—20 ..	+19.2	88.9	0.2	I, g.	b.
209	" 18	-16.1	96.4	0.0	I, s.	b.
210	" 19	+20.1	112.7	0.0	I, s.	b.
{ 211	" 19—30 ..	-14.2	65.3	2.8	IV, g.	25.05
{ 211p	" 19—30 ..	-13.3	67.6	2.6	s.	24.90
212	" 20—24 ..	-11.5	144.8	0.5	I, g.	a.
213	" 20	-13.2	123.3	0.0	I, s.	20.65
§214	" 21—26 ..	+27.3	87.2	0.1	I, g.	(23.40)
215	" 22—23 ..	+10.8	45.0	0.0	I, g.	b.
216	" 24	+24.0	110.0	0.1	I, g.	(25.25)
217	" 24—28 ..	+9.4	83.1	1.0	I, g.	(23.70)
218	" 24	+1.6	62.6	0.0	I, s.	b.
219	" 26—Oct. 1	-20.9	44.4	0.5	I, g.	26.65
220	" 26— " 2	-29.8	357.7	0.2	I, g.	30.20
221	" 26— " 4	-13.7	333.7	0.2	I, g.	2.00
222	" 28— " 1	+16.3	24.3	0.3	I, g.	28.15
**223	" 28— " 1	+22.5	321.6	0.0	I, g.	b.
224	" 28	+16.1	308.8	0.0	I, s.	b.
225	Oct. 2—8 ..	-13.6	301.1	0.3	I, g.	4.50
226	" 3	+13.7	312.7	0.1	I, g.	3.60
{ 227	" 4—17 ..	+17.8	213.9	6.9	II, III, g.	11.05
{ 227p	" 4—16 ..	+16.7	219.6	3.1	s.	10.65
{ 227f	" 4—17 ..	+18.2	209.2	4.3	s.	11.40
228	" 6—8 ..	-14.2	322.2	0.4	IV, g.	a.
229	" 6—17 ..	-8.6	202.9	0.9	IV, I, s.	11.90
230	" 7—14 ..	+14.1	240.6	4.3	II, V, g.	9.05

* Not visible on Sept. 21.

** Not visible on Sept. 29.

† Not visible on Sept. 18, 19, 20, 22.

§ Not visible on Sept. 23.

SUN-SPOT STATISTICS, 1926—*Contd.*

No. of Group	Date	Mean Latitude o	Mean Longitude o	Max Area	Mean Type	Central Meridian
(231	Oct. 7—19 ..	+18.1	175.5	4.5	II, IV, g.	14.00
231p	" 7—19 ..	+16.1	179.6	..	s.	13.65
232	" 8—12 ..	-13.4	261.4	0.2	I, g.	a.
233	" 10—23 ..	+24.2	139.7	3.8	IV, V, g.	16.70
*234	" 10—13 ..	-10.3	149.2	0.3	I, g.	b.
235	" 12—19 ..	+26.7	113.9	0.2	I, s.	18.65
236	" 16—26 ..	-15.3	65.0	1.4	IV, s.	22.35
237	" 18—19 ..	+13.4	48.1	0.1	I, s.	b.
238	" 21—30 ..	+ 9.1	3.9	1.3	IV, s.	27.00
239	Oct. 24—31 ..	-12.4	330.1	0.2	I, s.	29.05
(240	" 24—Nov. 3	-12.4	310.1	3.4	II, g.	31.05
240p	" 24— " 3	-11.9	314.8	2.7	s.	30.70
(240f	" 24— " 1	-13.3	304.6	0.7	s.	31.50
241	" 25—26 ..	+23.2	13.9	0.2	I, g.	26.25
242	" 25—26 ..	+17.8	307.3	0.1	I, g.	b.
243	" 26—30 ..	-21.8	25.3	0.2	I, g.	a.
244	" 29—Nov. 3	-14.3	286.4	0.5	IV, s.	1.85
245	" 30	+18.9	316.5	0.1	I, s.	30.60
246	Nov. 1— 3 ..	+19.1	462.5	0.2	I, g.	3.50
247	" 3	+18.1	274.0	0.1	I, g.	2.80
248	" 3—10 ..	+17.4	207.0	1.1	V, g.	7.90
249	" 3	- 8.7	244.8	0.0	I, g.	(5.00)
250	" 7—13 ..	+17.4	174.3	1.3	V, g.	10.40
251	" 9—13 ..	-10.1	120.1	0.5	IV, s.	14.50
252	" 10—16 ..	+26.9	90.3	0.4	I, g.	16.75
253	" 12	-12.9	100.2	0.0	I, g.	b.
254	" 13	-13.5	140.4	0.0	I, s.	(12.95)
255	" 16—21 ..	+17.7	96.6	0.6	I, g.	16.30
(256	" 19—28 ..	-11.2	1.2	1.9	II, g.	23.50
256p	" 19—28 ..	-10.0	4.9	1.0	s.	23.25
(256f	" 19—28 ..	-12.4	358.3	1.1	s.	23.70
257	" 21—24 ..	+ 9.0	57.4	0.6	V, g.	a.
258	" 21—24 ..	+25.8	4.4	0.2	I, s.	23.25
259	" 21—Dec. 2	+18.2	315.2	1.2	IV, s.	27.00
260	" 21—24 ..	-19.1	65.6	0.5	I, g.	a.
261	" 21—29 ..	-22.7	355.8	1.0	III, g.	23.90
262	" 21—Dec. 1	- 8.9	315.0	0.8	IV, s.	27.00

* Not visible on Oct. 11.

SUN-SPOT STATISTICS, 1926—Contd.

No. of Group	Date	Mean Latitude °	Mean Longitude °	Max Area	Mean Type	Central Meridian
*263	Nov. 22—29 ..	+18.5	304.7	0.2	I, g.	27.80
264	„ 23—24 ..	-15.1	304.1	0.2	I, g.	b.
265	„ 23—Dec. 4	-14.2	280.0	4.3	IV, V, g.	29.70
266	„ 24—27 ..	+ 8.9	5.9	0.3	I, g.	a.
267	„ 24	+16.9	5.2	0.0	I, s.	a.
268	„ 26	+18.0	323.3	0.0	I, g.	26.40
269	„ 27—Dec. 1	-16.5	313.9	0.0	I, g.	27.10
270	„ 28	-24.8	295.1	0.0	I, g.	28.50
271	„ 28—Dec. 4	- 9.0	252.4	0.6	I, g.	1.85
272	„ 30	+17.3	278.6	0.0	I, g.	29.80
273	„ 30—Dec. 8	+12.0	195.9	0.7	I, g.	6.05
274	Dec. 1— 8 ..	+13.5	242.0	0.8	I, g.	2.55
275	„ 1— 2 ..	-25.7	225.0	0.1	I, g.	b.
276	Dec. 3—15 ..	+18.2	143.4	1.8	IV, s.	10.05
277	„ 4— 8 ..	-26.2	149.0	0.2	I, g.	9.60
278	„ 8—15 ..	-10.4	120.5	2.1	II, g.	11.75
279	„ 15—21 ..	+ 7.0	66.0	10.0	V, g.	15.90
279p	„ 15—21 ..	+ 6.5	72.6	..	s.	15.40
280	„ 15—24 ..	+16.0	27.3	0.7	IV, s.	18.85
281	„ 15—19 ..	- 6.1	79.2	0.5	IV, I, s.	14.90
282	„ 15—21 ..	-18.4	57.9	0.5	I, g.	16.50
283	„ 18	+25.0	345.2	0.1	I, s.	b.
284	„ 18—29 ..	+32.5	325.3	3.0	IV, s.	23.55
285	„ 18—27 ..	+15.6	319.7	1.5	V, IV, g.	24.00
286	„ 19—29 ..	-25.0	314.8	1.6	I, III, g.	24.35
287	„ 21—24 ..	-12.0	278.9	0.1	I, s.	b.
288	„ 22—24 ..	-19.1	348.6	0.4	I, g.	a.
289	„ 22	- 8.7	295.2	0.0	I, g.	b.
290	„ 23—24 ..	-10.6	17.6	0.3	I, g.	a.
291	„ 24—27 ..	- 7.6	334.0	0.1	I, g.	a.
292	„ 26—27 ..	+24.7	332.9	0.2	I, g.	a.
293	„ 26—Jan. 6	- 7.7	211.6	4.7	IV, s.	1.20
294	„ 29	+23.2	302.7	0.3	I, g.	a.
295	„ 29—Jan. 6	+ 9.8	184.4	3.3	IV, V, s.	3.25

* Not visible on Nov. 24.

