

POSITIONS OF STATIONS OF THE FIRST & SECOND ORDERS & "GEOPHYSICAL JOURNAL" STATIONS, 1911.



M.O. No. 207.

METEOROLOGICAL OFFICE.

DAILY READINGS

AT

STATIONS OF THE FIRST AND SECOND ORDERS

For the Year 1911,

FORMING

PART III., SECTION I., OF THE BRITISH METEOROLOGICAL AND
MAGNETIC YEAR-BOOK.

Published by Authority of the Meteorological Committee.



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1912.

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RESULTS FOR STATIONS OF THE FIRST AND SECOND ORDERS.

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Stations.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Aberdeen	1	9	17	25	33	41	49	57	65	73	81	89
Armagh	7	15	23	31	39	47	55	63	71	79	87	95
Birr Castle . . .	8	16	24	—	—	—	—	—	—	—	—	—
Cambridge . . .	5	13	21	29	37	45	53	61	69	77	85	93
Cockle Park . . .	3	11	19	27	35	43	51	59	67	75	83	91
Deerness	1	9	17	25	33	41	49	57	65	73	81	89
Douglas	4	12	20	28	36	44	52	60	68	76	84	92
Dublin	8	16	24	32	40	48	56	64	72	80	88	96
Dundee	2	10	18	26	34	42	50	58	66	74	82	90
Falmouth	6	14	22	30	38	46	54	62	70	78	86	94
Fort William . . .	2	10	18	26	34	42	50	58	66	74	82	90
Glasgow	3	11	19	27	35	43	51	59	67	75	83	91
Limerick	*	*	*	32	40	48	56	64	72	80	88	96
Markree Castle . .	7	15	23	31	39	47	55	63	71	79	87	95
Shrewsbury . . .	5	13	21	29	37	45	53	61	69	77	85	93
Southampton . . .	6	14	22	30	38	46	54	62	70	78	86	94
Stonyhurst . . .	4	12	20	28	36	44	52	60	68	76	84	92

* See pp. vii. and viii. of "Introduction."

ERRATA.

Fort William, Jan. and Feb.:	Height above Mean Sea Level, for "38 feet" read "170 feet."
" " "	Ground, "11 ft. 9 in." read "-132 feet."
" March:	" " " " " "-120 ft. 3 in." read "-132 feet."
" April-Nov.	H _b , for "49.8 feet" read "38 feet."
Dundee, April	h _t , for "ins." read "ft."
Southampton,	" " " " "

Wt. 41467/309—3—3—250—2/12. N. & Co. Ltd. Gp. XV.

P R E F A C E.

THE present volume is issued in continuation of the annual volumes of "Meteorological Observations at Stations of the Second Order," which have been published since 1873. It contains daily observations made at 9 h. and 21 h. at sixteen selected stations in the British Isles. The list of stations differs from that for the previous year by the omission of Cheltenham, Dunrobin Castle, Eskdalemuir,* Hillington, Plymouth, Tillypronnie, and Woolacombe, and the addition of Aberdeen,* Falmouth,* Fort William, and Limerick, the latter station taking the place of Birn Castle after March. The corresponding monthly and annual summaries will be found in the Monthly Weather Report of the Meteorological Office which is issued as a supplement to the Weekly Weather Report. The hourly tabulations of the anemograms from twelve anemometer stations in connexion with the Meteorological Office, which were printed in the previous volume, are now omitted. Tables of Wind Components for four stations will be found in the "Geophysical Journal," Part III., Section 2, of the Year Book.

In order to render the observations available for general use as early as possible, the volume has appeared in twelve monthly parts, which have been issued within five weeks of the close of the month to which the observations refer. The monthly issues can be purchased separately.

RESULTS FOR STATIONS OF THE FIRST AND SECOND ORDERS.

The observations have been made in accordance with the instructions given in the "Observer's Handbook," to which reference should be made for particulars of the types of instruments used, the general regulations regarding their exposure, and the methods of observing.

The form adopted for publishing the results is that prescribed by the Permanent Meteorological Committee of the International Congress of Official Delegates which met in Vienna in 1873. It was agreed upon at a meeting of the Committee at Utrecht in 1874. For the purposes of this publication the form has been amplified, since 1906, to include the depression of the wet-bulb thermometer, the duration of bright sunshine, the minimum temperature on the grass, and the weather at the time of observation, wherever these data are available.

A list of stations with the names of the Observers and references to previous observations is given on p. iv. The following notes give additional information on the method of stating the results:—

Hours of Observation.—Local mean time is used for the observations at fixed hours at all stations, except those marked S, at which Greenwich Mean Time is observed. In the remarks column Greenwich mean time or Dublin mean time is adopted, as the case may be.

Height of the Station.—The height of the station H is that of the ground on which the rain-gauge stands. Irish Ordnance Datum is the height of low-water at Dublin, which is 7 feet below British Ordnance Datum, the Mean Sea Level at Liverpool. A correction of -7 feet has been applied to the heights of Irish stations above Irish Ordnance Datum to render them comparable with the heights of British stations. The height of the barometer H_b is the height of the cistern above Mean Sea Level.

* Hourly readings for Eskdalemuir, and summaries of hourly readings for Eskdalemuir, Falmouth, and Aberdeen, are given in the "British Meteorological and Magnetic Year Book," Part IV., see p. vii.

Continued on p. vi.

LIST OF STATIONS OF THE FIRST AND SECOND ORDERS.

Station.	Observer.	Averages.	Remarks.
Deerness . . .	M. Spence.	a.b	The following records for Orkney form an approximately homogeneous series: Stromness, 1827-32; Sandwick, 1832-85; Swanbister, 1886-90; Stenness, 1890-91; Deerness, since 1891. For data from 1827-59, see "Meteorological Observations taken at Orkney, with remarks on the Climate," by the Rev. Ch. Clouston (1861). J.S.M.S. from 1856, A. from 1886, B. from 1873, M. from 1902.
Aberdeen . . .	Prof. C. Niven, M.A., F.R.S. (for the Meteorological Office).	a.e	J.S.M.S. from 1907 (April), Q.W.R. 1869-1880, M. from 1888, B. from 1886.
§ Fort William . . .	W. T. Kilgour.	a	J.S.M.S. from 1884, m. from 1890, M. from 1907.
§ Dundee . . .	J. Carnochan.	c.d	J.S.M.S. from 1865, A. and B. from 1880, M. from 1907 (October).
Glasgow . . .	Prof. L. Becker, Ph.D.	a	M.S. data at Observatory for Pressure, Dry and Wet Bulb Temperatures from 1843. J.S.M.S. from 1856, Q.W.R. 1869-80, m. from 1884, M. from 1902, A. and B. from 1886.
Cockle Park (Morpeth) .	T. E. W. Dobson (for the Northumberland County Council).	—	B. from 1898, A. from 1900, M. from 1902.
Douglas . . .	F. Cottle (for the Borough of Douglas).	a	Transferred from Cronkbourne to Douglas in 1908, A. and B. from 1878, m. from 1884, M. from 1902.
Stonyhurst . . .	Rev. W. Sidgreaves, S.J.	a	M.S. data at Observatory from 1848, Reg. Gen. from 1854, Q.W.R. 1869-80, m. from 1884, M. from 1902, A. and B. from 1884.
Shrewsbury . . .	Capt. C. S. Reid, R.E.	—	A. from 1908, M. from 1904.
Cambridge . . .	R. I. Lynch, M.A. (for the Botanic Gardens Syndicate).	a	Transferred from the Observatory to the Botanic Gardens in January 1904. Daily observations in "Daily Weather Report," 1872-99. Q.W.R. 1869-80, M. 1884-99 and from 1902, m. 1899-1901, A. and B. from 1899.
Southampton . . .	A. Vaughan (for Director-General of Ordnance Survey).	a	Transferred to a new site in 1908, A. and B. from 1878, m. from 1884, M. from 1902. M.S. data from 1855.
Falmouth . . .	E. Kitto (for the Meteorological Office).	a.e	Q.W.R. 1869-1880, m. from 1888, M. from 1907, B. from 1886.
Armagh . . .	J. L. E. Dreyer, Ph.D.	a	Regular observations, but unpublished from 1833, less systematic records available since 1793. Q.W.R. 1869-80, A. and B. from 1884, m. from 1884, M. from 1902.
Markree Castle . . .	J. R. Armstrong (for Capt. Cooper).	a.b	Temperature and rainfall summaries 1833-63. Quarterly Journal of the Roy. Met. Soc., Vol. X. p. 158. A. and B. since 1875, m. from 1884, M. from 1902.
Dublin (Phoenix Park) .	Lieut.-Col. C. C. J. Pery, R.E.	a	M.S. data from 1853, A. from 1886, B. from 1881, M. from 1902.
Birr Castle . . .	O. Boeddicker, Ph.D. (for the Earl of Rosse).	a.b	A. and B. from 1873, M. from 1884. This station was formerly called Parsonstown. There has been no change of site.
† Limerick (Mungret College).	Rev. W. O'Leary, S.J.	—	M. from 1910.

† The daily observations at Limerick (Mungret College) for January, February, and March 1911 are given on pp. vii, viii, in order to complete the data for the year.

NOTES ON THE LIST OF STATIONS.

Information for stations marked § is supplied through the Scottish Meteorological Society.

For Aberdeen, Falmouth, Glasgow, Stonyhurst, and Armagh, the records of the self-recording instruments for the years 1869-80 are reproduced in the "Quarterly Weather Report." Hourly readings have been published for the years 1881-83; lithographed copies of the hourly readings were prepared for the years 1874-80.

Detailed daily observations for about sixty other stations in the British Islands are published in the "Daily Weather Report" of the Meteorological Office.

Average Values.—Reference is made in the list of stations, and also in the tables of observations, to publications of the Office containing average values for long periods, by letters a, b, etc. The explanations of these letters are as follows:—

a. Appendix III. of "The Weekly Weather Report" for 1906. Monthly averages of mean maximum, mean minimum, and mean temperature, and of rainfall for the thirty-five years 1871-1905, and (when available) of bright sunshine for the twenty-five years 1881-1905.

b. Appendix I. to the volume of "Meteorological Observations at Stations of the Second Order" for 1891. Monthly averages for all elements for the fifteen years 1876-1890.

c. "Temperature Tables of the British Islands," 1871-1900. Monthly averages of mean maximum, mean minimum, and mean temperature, generally for the thirty years 1871-1900, together with information on the extremes of temperature over the same period.

d. "Rainfall Tables for the British Islands," Part I. 1866-80, Part II. 1880-90. Monthly averages of Rainfall for lustra and for the periods named.

e. "Hourly Readings" 1905-1910.

Publication of Data for past years.—In the list of stations reference is given to publications containing data for past years. The following abbreviations have been used for this purpose:—

A. Daily Values in "Observations at Stations of the Second Order."

B. Monthly Summaries till 1907 in "Observations at Stations of the Second Order."

M. Full Monthly Summaries in the "Monthly Weather Report."

m. Abridged Monthly Summaries in the "Monthly Weather Report."

Q.W.R. Monthly Summaries in the "Quarterly Weather Report, 1869-1880."

Reg. Gen. Monthly Summaries in the "Quarterly Reports of the Registrar General for England and Wales."

J.S.M.S. Monthly Summaries in the "Journal of the Scottish Meteorological Society."

R.Met.Soc. Monthly Summaries in the "Meteorological Record" or the appendices to the "Quarterly Journal of the Royal Meteorological Society," if observations are available before 1881.

The height of the thermometer h_t is the height above the ground on which the screen stands: the height of the rain-gauge h_r is the height of the rim of the receiver above the ground in which the instrument is placed.

Temperature.—The maximum and minimum thermometers are read and set at 21 h. The values are given in degrees Fahrenheit.

Hygrometry.—The Tables used in the computation of the vapour pressure and percentage humidity are those prepared by the late Mr Glaisher.

Wind.—At stations provided with anemometers the results are taken from the instrumental records, and the velocities are expressed in miles in the hour (m.p.h.). No direction is specified if the velocity is under 4 m.p.h., and such winds are counted as "calms" in preparing the summaries published in the "Monthly Weather Report."

The factor used for translating the run of the cups into the velocity of the wind has been 2.2 since January 1906. Previous to that date the factor 3.0 was used.

At the remaining stations the observations are estimates on the Beaufort Scale, 0–12. The following table, taken from the "Observer's Handbook," may be used for a comparison between anemometer records and estimates on the Beaufort Scale:—

Beaufort Scale.	Miles per Hour.	Beaufort Scale.	Miles per Hour.	Beaufort Scale.	Miles per Hour.
0	0	5	19–24	10	55–63
1	1–3	6	25–31	11	64–75
2	4–7	7	32–38	12	above 75
3	8–12	8	39–46		
4	13–18	9	47–54		

The wind direction is *true*, as opposed to *magnetic*, in all cases.

Cloud and Weather.—The amount of cloud is estimated on the scale—0, sky cloudless: 10, sky completely overcast. No account is taken of the form or density of the cloud. The weather at the time of observation is indicated by appending the appropriate weather symbol to the figure showing the amount of cloud.

Rainfall.—The amount entered to each day refers to the twenty-four hours, commencing at 9 h. on that day.

Remarks.—The following symbols which have been adopted by international agreement are used in the column headed "Remarks."

Rain ●	Mist ≡ ⁰	Gale ↗
Snow *	Hoar Frost —	Solar Corona ☉
Snow lying ☒	Dew Δ	Solar Halo ⊕
Snow Drift †	Rime V	Lunar Corona ☾
Hail ▲	Glazed Frost ~	Lunar Halo ⊙
Soft Hail △	Thunderstorm ⚡	Rainbow (
Ice Crystals <	Thunder T	Aurora ✎
Fog ≡	Lightning <	Haze ∞

The intensities of the various phenomena are indicated by appending indices to them, thus:—

●⁰ slight rain.

●² heavy rain.

In giving the time of occurrence of a phenomenon, the "m" of the designations a.m. and p.m. is not printed. Hence—

a. stands for a.m.; p. stands for p.m.; n. is used to indicate "night."

Figures printed in italic type are interpolations adopted in the absence of the usual data. They have been obtained by careful comparison of the returns from neighbouring stations. The extreme values of temperature, rainfall, etc. in each column are shown in heavy type.

The British Meteorological and Magnetic Year-Book.

The serial statistical publications of the Meteorological Office have been grouped together under the title "The British Meteorological and Magnetic Year-Book."

For the year 1911 the parts of the Year-Book are as follows—

Part I. The Weekly Weather Report, with three appendices and a special supplement. Issued on Thursday of each week. Price 6d. per number. Annual subscription (which includes the Monthly Weather Report) 30s., postage paid.

Part II. The Monthly Weather Report, with an annual summary. Issued as a supplement to the Weekly Weather Report on the 27th day of each month. Price 6d. per number.

Part III. (1) Daily Readings at Stations of the First and Second Orders. Issued in monthly parts within about five weeks of the close of each month. Price 1s. each part.

(2) The Geophysical Journal of the Observatories of the Meteorological Office. Issued in monthly parts, with an annual supplement. Price 4d. each part.

Part IV. (1) Meteorological Office Observatories. Hourly values—Meteorological Section. Obtained from self-recording instruments at three observatories in connexion with the Meteorological Office. Issued in monthly parts for each observatory within about six weeks of the end of each month, with annual summary for five observatories. Price 6d. each part.

(2) Meteorological Office Observatories. Hourly values—Geophysical Section. Issued at the end of each year.

W. N. SHAW, *Director*.

METEOROLOGICAL OFFICE, LONDON, S.W.
10th January 1912.

SUPPLEMENTARY TABLES.

LIMERICK (MUNGRET COLLEGE).—JANUARY 1911.

Heights above Mean Sea Level:—Station, $H=47$ ft.; Barometer, $H_b=50$ ft. Heights above Ground:—Therms., $h_t=4$ ft.; Rain-gauge, $h_r=1$ ft.
Long. $8^{\circ} 41'$ W. Lat. $52^{\circ} 38'$ N. Gravity Correction, $+0.20$ in. Time, Dublin mean time.

Long. 8° 41' W. Lat. 52° 38' N. Gravity Correction, +.020 in. Time, Dublin mean time.																								
Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.						Wind Direction and Force (0—12). or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.				
							Dep. of Wet.		Vapour Pressure.		Percentage.													
			9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.			
1	ins.	ins.																						
2	30.21	30.33	49.0	32.3	49.0	29.5	0.0	0.6	348	171	100	93	W	5	Calm	0	100 ⁰	0	—	ins.	hrs.	0	22	
3	30.18	30.18	32.6	31.5	39.0	25.4	1.3	1.1	158	152	85	85	Calm	0	N	2	5	0	—	—	—	3.3	21	
4	30.30	30.15	29.0	30.0	28.0	37.8	25.6	0.8	0.2	145	146	86	95	Calm	0	SE	1	0	—	115	5.2	19		
5	29.98	29.74	26.0	31.0	35.7	24.9	0.0	1.1	141	146	100	84	Calm	0	N	1	10	—	9	33	1.4	14		
6	29.62	29.98	39.0	46.0	46.6	30.1	0.0	0.0	238	311	100	100	S	7	S	3	10	100	05	—	—	26		
7	30.08	30.14	40.5	36.4	48.4	35.0	1.9	0.6	213	204	85	95	W	3	W	2	2	10	17	3.0	29			
8	30.14	30.14	42.0	49.0	50.9	34.9	0.6	0.3	254	340	95	98	S	5	S	2	10	10	25	—	29			
9	30.32	30.32	49.3	46.1	51.2	45.7	0.0	0.1	352	310	100	99	SW	4	W	2	100 ⁰	10	—	—	43			
10	30.57	30.56	41.1	35.0	46.5	34.4	0.2	0.4	254	196	98	96	Calm	0	W	3	9	0	21	3.2	26			
11	29.59	29.86	46.6	43.7	44.0	25.9	0.0	0.5	147	179	93	80	SW	0	S	6	0	100	04	—	19			
12	30.14	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	3	N	6	7	5	—	0.9	34			
13	30.33	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	2	N	2	1	0	0.35	7.2	19			
14	30.33	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	2	N	2	1	0	—	1.4	18			
15	30.33	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	2	N	2	1	0	—	04	—	25		
16	30.33	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	2	N	2	1	0	—	1.9	29			
17	30.33	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	2	N	2	1	0	—	0.5	33			
18	30.33	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	2	N	2	1	0	—	38	—	33		
19	30.33	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	2	N	2	1	0	—	—	38			
20	30.33	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	2	N	2	1	0	—	—	38			
21	30.33	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	2	N	2	1	0	—	—	38			
22	30.33	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	2	N	2	1	0	—	—	38			
23	30.33	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	2	N	2	1	0	—	—	38			
24	30.33	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	2	N	2	1	0	—	—	38			
25	30.33	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	2	N	2	1	0	—	—	38			
26	30.33	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	2	N	2	1	0	—	—	38			
27	30.33	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	2	N	2	1	0	—	—	38			
28	30.33	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	2	N	2	1	0	—	—	38			
29	30.33	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	2	N	2	1	0	—	—	38			
30	30.33	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	2	N	2	1	0	—	—	38			
31	30.33	30.33	32.8	37.5	50.2	37.3	1.0	2.4	294	179	93	80	SW	2	N	2	1	0	—	—	38			
M.	30.234	30.247	39.5	39.6	46.6	34.2	0.8	0.9	233	231	93	92	2.5	2.7	6.6	6.2	1.580	69	28.2					

† Beaufort Scale (0–12).

RESULTS FOR STATIONS OF THE FIRST AND SECOND ORDERS.

LIMERICK (MUNGRET COLLEGE).—FEBRUARY 1911.

Heights above Mean Sea Level:—Station, H=47 ft.; Barometer, H_b=50 ft. Heights above Ground:—Therms., h_t=4 ft.; Rain-gauge, h_r=1 ft.
Long. 8° 41' W. Lat. 52° 38' N. Gravity Correction, +0.20 in. Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.						Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.			
							Dep. of Wet.		Vapour Pressure.		Percentage.												
	9 h.	21 h.	9 h.	21 h.	Max.	Min.							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.	9 h.	21 h.
1	ins.	ins.	29.7	26.0	45.0	22.7	1.6	0.1	1.23	1.38	75	98	Calm	0	NE	2	0	0	—	7.6	16	≡ ⁴ all day.	
2	30.73	30.73	29.7	26.0	45.0	22.7	1.6	0.1	1.23	1.38	75	98	E	1	NE	2	0	0	—	7.6	16	≡ ² all day.	
3	30.72	30.66	28.5	28.6	32.1	25.1	0.0	0.2	1.57	1.52	100	96	Calm	0	Calm	0	10 ³ ≡ ²	10 ³ ≡ ²	—	20	27	≡ ² , cleared at 10 h. Fine even [ing]	
4	30.61	30.59	31.3	38.0	41.7	26.1	0.2	0.9	1.72	2.10	97	92	NE	1	E	2	10	10	—	4.0	20	≡ ² , cleared at 10 h. Fine even [ing]	
5	30.58	30.56	37.8	39.0	43.7	33.1	1.0	2.3	2.08	1.94	92	82	NE	1	E	2	10	10	—	26	26	Fog on river all day.	
6	30.54	30.57	37.0	36.5	40.4	36.1	1.6	1.2	1.89	1.93	86	90	NE	1	E	2	10	10	—	34	34	Fog on river all day.	
7	30.60	30.64	37.2	32.6	42.2	31.9	1.6	0.5	1.91	1.76	86	95	Calm	0	Calm	0	10	10	—	0.4	25	Fog on river all day.	
8	30.64	30.65	35.3	38.5	40.0	32.1	0.2	1.0	2.03	2.13	98	92	E	2	E	1	10	10	—	19	19	∞	
9	30.59	30.39	32.8	41.0	46.0	32.1	0.7	3.0	1.73	1.97	92	77	Calm	0	SE	5	9	9	—	2.8	24		
10	30.14	29.80	41.1	45.0	45.2	40.1	2.1	1.6	2.14	2.62	83	88	SE	6	S	7	10	10	0.8	0.1	36		
11	29.82	30.06	41.0	32.3	46.4	31.8	1.0	0.0	2.35	1.84	92	100	W	1	S	2	8	0	—	5.2	25		
12	30.15	30.18	32.0	31.9	49.9	23.6	0.4	0.7	1.72	1.64	94	91	Calm	0	SW	1	0	0	—	5.7	20		
13	30.19	30.18	38.4	44.5	49.5	28.3	1.4	1.5	2.59	2.59	88	88	S	3	S	5	6	10	1.6	21	21		
14	30.22	30.22	47.0	46.8	49.7	44.1	0.9	1.0	3.01	2.96	94	93	S	5	S	5	10	10	—	26	—		
15	30.21	30.17	47.0	44.0	52.0	41.1	0.0	0.0	3.23	2.88	100	100	S	2	W	3	10	10	10	39	39	Heavy wet fog.	
16	30.15	30.18	32.5	48.8	49.1	30.9	0.0	0.2	1.85	3.41	100	98	Calm	0	S	3	0	10	0.4	3.0	30	≡, cleared at 11 h.	
17	30.02	29.95	51.8	51.6	54.1	48.2	0.9	1.0	3.61	2.56	93	93	SW	7	SW	7	10	1	0.2	44	44	Very wild day.	
18	30.11	30.05	47.9	52.2	55.4	45.1	0.9	0.1	3.10	3.88	94	100	SW	1	SW	7	0	10	2.6	40	40		
19	30.62	30.58	44.0	56.1	43.2	0.9	1.2	2.02	2.61	94	90	W	7	SW	8	10	1	32	32	38	all day.		
20	30.49	30.45	42.2	38.9	48.7	37.7	0.1	0.0	2.67	2.37	99	100	W	5	W	3	9	0	0.35	4.0	33	all day.	
21	30.01	29.91	35.2	43.6	47.8	29.7	0.2	0.4	2.02	2.74	98	97	Calm	0	S	5	3	10	0.3	4.5	26	all day.	
22	29.57	30.33	54.2	47.8	57.2	43.1	1.3	1.7	3.83	2.91	91	88	S	4	NW	8	10	8	28.5	40	33	all day.	
23	30.64	30.63	40.3	48.0	57.2	37.8	0.3	1.2	2.43	3.04	98	92	SW	3	S	5	5	10	2.5	3.3	30	all day.	
24	30.06	30.30	47.6	45.0	51.0	43.6	1.9	1.0	2.84	2.75	87	92	W	8	W	5	6	8	2.0	3.8	40	all day.	
25	30.73	30.49	45.0	52.1	52.1	39.7	0.9	0.0	2.77	3.90	93	100	W	1	SW	0	0	10	4.5	34	34	all day.	
26	30.52	30.66	51.5	48.7	52.3	45.7	0.1	0.2	3.78	3.40	99	99	W	5	W	7	10	10	5.0	42	42	all day.	
27	30.05	30.38	44.5	44.6	49.0	40.6	1.5	0.8	2.59	2.76	88	94	SW	3	SE	4	1	10	3.8	3.4	36	all day.	
28	29.59	29.37	52.2	51.9	55.6	42.8	0.3	0.5	3.82	3.73	98	97	SW	3	S	4	10	10	1.3	41	41	all day.	
29	29.18	29.66	48.0	40.0	52.1	38.9	0.6	0.1	3.19	2.45	96	99	SW	6	W	3	1	2	1.9	3.4	35	all day.	
M.	30.063	30.042	41.6	42.2	48.6	36.3	0.8	0.8	2.55	2.56	93	94	2.7	4.0	6.6	7.5	3.01	62	31.5				

LIMERICK (MUNGRET COLLEGE).—MARCH 1911.

Heights above Mean Sea Level:—Station, H=47 ft.; Barometer, H_b=50 ft. Heights above Ground:—Therms., h_t=4 ft.; Rain-gauge, h_r=1 ft.
Long. 8° 41' W. Lat. 52° 38' N. Gravity Correction, +0.20 in. Time, Dublin mean time.

1	30 ⁰⁶	30 ⁰⁸	43 ⁶	52 ²	52 ³	37 ³	—	—	—	—	—	—	SW	1	SW	6	2	100 ⁰	02	5 ⁸	33	∞	Very fine. Snow on hills.
2	24	35	52 ⁰	47 ⁰	53 ³	46 ⁶	—	—	—	—	—	—	SW	3	SW	3	10	2	—	0 ¹	40		
3	29	12	52 ¹	51 ¹	54 ⁰	46 ⁶	—	—	—	—	—	—	SW	4	S	4	7	10	20	0 ¹	41		
4	05	30 ²⁰	43 ⁵	36 ⁸	51 ³	36 ¹	—	—	—	—	—	—	N	3	NE	3	10	7	—	49	30	∞U	Very fine. Snow on hills.
5	16	29 ⁰⁵	34 ⁵	42 ⁸	46 ⁸	30 ⁸	—	—	—	—	—	—	Calm	0	SW	4	10	2●	26	0 ¹	30		
6	05	30 ²⁵	41 ⁷	36 ⁰	47 ³	35 ⁶	—	—	—	—	—	—	NW	4	NW	4	3	0	—	8 ⁸	29		
7	30 ²⁹	30 ¹²	37 ⁰	41 ⁶	48 ⁷	28 ³	—	—	—	—	—	—	Calm	0	S	4	0	100●	13	6 ⁸	24	U	Very wet day.
8	29 ⁰⁷	29 ⁵⁷	46 ¹	40 ⁰	51 ¹	39 ⁵	—	—	—	—	—	—	Calm	0	NW	3	6	6U	02	3 ⁵	34		
9	30 ⁰⁷	30 ⁰⁷	42 ⁰	37 ⁵	48 ⁸	34 ¹	—	—	—	—	—	—	E	3	S	3	5	2●	196	8 ³	29		
10	29 ⁷²	29 ⁷²	40 ⁹	42 ⁰	52 ²	35 ¹	—	—	—	—	—	—	S	7	W	2	10●	5	14	0 ³	32	U	* 1 h. and 16 h. 30 m. U 22 h.
11	96	96	43 ⁰	40 ⁶	49 ⁰	39 ⁰	—	—	—	—	—	—	W	1	SW	3	10	9	23	3 ⁸	34		
12	64	69	41 ⁶	36 ²	46 ³	36 ¹	—	—	—	—	—	—	S	1	Calm	0	100 ⁰	0	045	1 ⁶	30		
13	82	96	40 ⁶	36 ³	46 ²	31 ⁹	—	—	—	—	—	—	NW	2	N	3	2	1	—	94	29	L ⁰	∞ all day. ∞ all day. Fog on river. ∞ all day.
14	99	88	40 ⁴	39 ⁸	48 ⁷	33 ⁹	—	—	—	—	—	—	NW	1	N	4	1	10U	—	72	24		
15	76	68	40 ⁹	35 ⁶	46 ⁶	35 ⁴	—	—	—	—	—	—	N	2	N	2	0	0	—	73	25		
16	68	70	38 ⁵	34 ⁰	47 ⁰	26 ⁹	—	—	—	—	—	—	Calm	0	E	2	0	0	—	86	20	L ⁰	∞ all day. ∞ all day. Fog on river. ∞ all day.
17	63	57	39 ²	41 ⁰	46 ¹	28 ⁰	—	—	—	—	—	—	NE	2	E	5	5	10	—	5 ⁸	21		
18	67	68	40 ⁵	40 ⁷	43 ¹	38 ⁸	—	—	—	—	—	—	E	6	NE	6	10	10	01	—	35		
19	67	70	41 ⁰	41 ⁰	45 ⁶	39 ⁰	—	—	—	—	—	—	E	6	E	4	10	10	—	—	36	∞ all day.	
20	69	72	42 ⁰	43 ⁶	50 ⁴	36 ⁵	—	—	—	—	—	—	NE	3	NE	2	10	7	—	17	31		
21	74	76	41 ⁵	43 ⁰	51 ²	35 ²	—	—	—	—	—	—	NE	4	NE	1	8	10	—	73	27		
22	29 ⁸⁰	29 ⁸⁰	44 ⁵	46 ²	50 ⁰	41 ²	—	—	—	—	—	—	NE	1	NE	2	10≡	10∞	—	—	38	∞ all day.	
23	30 ⁰⁰	29 ⁰⁸	45 ³	44 ⁵	49 ⁹	43 ⁷	2 ¹	1 ⁸	224	195	84	85	NE	4	NE	1	6	0	—	10	39		
24	29 ⁰⁹	30 ¹⁰	42 ¹	38 ²	52 ²	38 ¹	2 ¹	2 ⁴	186	156	63	77	NE	4	N	1	5	0	—	39	26		
25	30 ²³	35	44 ⁵	34 ⁷	47 ²	34 ²	5 ⁴	2 ⁴	186	156	63	77	N	1	NE	5	10	—	—	73	20		
26	32	30 ¹⁶	35 ⁶	43 ⁸	47 ⁰	28 ¹	2 ³	3 ³	166	217	79	75	NE	5	NE	4	2	1	—	42	15		
27	30 ⁰⁸	29 ⁰²	37 ⁷	41 ²	49 ⁶	31 ¹	2 ⁴	3 ²	181	196	79	76	E	3	E	3	10	9	—	114	22		
28	29 ⁷³	71	40 ⁰	39 ⁸	43 ⁸	36 ⁶	1 ⁵	0 ⁵	217	235	88	96	E	3	E	3	10	9	—	12	32		
29	76	75	47 ⁰	40 ⁰	54 ⁸	35 ¹	3 ⁰	1 ³	253	220	79	90	SE	4	SE	2	0	0	02	8 ⁹	26	Very fine.	
30	67	60	42 ⁶	47 ⁰	47 ⁴	30 ⁹	0 ⁰	0 ⁶	273	308	100	96	Calm	0	NE	2	10	10	15	—	23		
31	29 ⁷⁰	29 ⁷⁸	48 ²	44 ²	56 ⁸	43 ³	0 ⁸	0 ⁴	317	281	95	97	E	1	Calm	0	10	1	12	—	31		
M.	29 ⁹¹⁶	29 ⁹¹²	42 ³	41 ²	49 ²	35 ⁹	—	—	—	—	—	—	2 ⁵	—	3 ⁰	6 ⁵	5 ⁵	1 ⁴²¹	132	29 ⁴			

† Beaufort Scale (0—12).

DAILY READINGS AT STATIONS OF THE FIRST AND SECOND ORDERS, 1911.

DEERNES, ORKNEY, a.b.—JANUARY 1911.

Height above Mean Sea Level, 160 feet. Heights above ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45' W. Lat. 58° 56' N. Gravity Correction, +0.36 in. Time, Greenwich mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
1	ins.	ins.	29.79	29.93	35.8	37.6	41.5	32.1	2.2	2.0	170	188	81	83	NW	34	NW	32	10%▲	1	ins.	hrs.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

FORT WILLIAM, INVERNESS-SHIRE, a.—JANUARY 1911.

Height above Mean Sea Level, 38 feet. Heights above Ground:—Bar., 11 feet 9 ins. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 7' W. Lat. 56° 49' N. Gravity Correction, +.031 in. Time, Greenwich mean time.

Day	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.						Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.					
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	ins.		hrs.	°			
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.													
1	ins.	ins.							in.	in.	%	%	†	†					ins.	hrs.	°	Fresh snow on hills.			
2	30.17	30.23	36.7	37.1	49.3	34.0	3.7	4.1	152	148	70	67	E	E	3	8	8	—	—	—	* ⁰				
3	26	19	33.0	39.4	39.4	32.0	1.9	2.6	149	191	79	80	Calm	0	ENE	4	7	10	—	—	—	Calm, cloudless day.			
4	31	39	34.2	30.0	39.5	29.2	2.4	1.1	151	138	77	82	NE	2	Calm	0	6	0	—	—	—	Alternate sun and cloud.			
5	37	30.15	23.2	36.0	36.0	22.2	0.3	3.8	113	145	92	68	Calm	0	S	2	2	9	—	—	—	∞ a. Squally, with ² n.			
6	30.01	29.67	37.2	42.0	42.1	35.0	1.4	3.3	194	202	87	76	SW	2	S	7	10	10	72	—	—	* ⁰ (sleet) and ⁰ .			
7	29.29	37.3	38.9	34.8	45.2	33.9	0.9	0.8	219	186	93	92	SW	2	SE	2	10	2	21	—	—	—	showers.		
8	89	29.87	38.0	46.0	46.0	32.3	0.9	1.7	210	272	92	88	SW	3	SW	3	9	10	69	—	—	—	showers.		
9	29.80	30.06	47.0	38.7	48.0	36.6	0.3	2.7	316	184	98	79	SW	4	SW	2	10	2	23	—	—	—	* ⁰ (sleet) and ⁰ .		
10	30.10	30.21	38.2	37.5	40.1	35.1	0.5	2.3	220	181	96	81	SW	2	NW	3	10	2	36	—	—	—	showers.		
11	30.33	29.93	40.7	38.2	42.1	36.4	2.5	0.8	204	214	81	94	W	2	SW	3	8	10	17	—	—	—	* ⁰ a. * ⁰ (sleet) and ⁰ .		
12	29.30	29.76	44.1	32.2	44.3	31.9	0.1	3.4	287	112	99	62	Calm	0	NNE	2	10	1	07	—	—	—	* ⁰		
13	30.06	30.26	30.2	33.0	34.8	29.3	1.2	2.3	137	141	81	75	NE	3	SE	2	3	7	02	—	—	—	Dull. ⁰ after noon.		
14	25	12	34.0	39.0	39.0	30.2	1.8	0.5	160	228	81	96	SW	1	SW	1	10	10	10	—	—	—	* ⁰		
15	10	12	43.3	44.0	45.7	38.0	1.3	0.7	252	272	92	90	SW	1	SW	3	10	10	33	—	—	—	Squally, with ⁰ .		
16	05	04	41.8	46.1	46.1	41.0	1.7	2.1	229	264	87	85	SW	6	W	4	10	10	29	—	—	—	Fair to fine.		
17	39	37	37.7	44.7	46.2	36.8	1.7	3.7	193	217	85	73	S	3	W	4	2	6	21	—	—	—	* ⁰		
18	36	50	47.2	46.0	49.2	42.9	0.3	1.0	318	287	98	93	SW	3	W	3	10	10	21	—	—	—	* ⁰		
19	53	53	40.4	44.8	40.5	44.4	1.4	1.8	282	255	90	86	SW	2	W	3	10	10	01	—	—	—	* ⁰		
20	45	42	43.2	45.0	46.0	42.5	1.9	1.0	238	275	85	92	SW	3	SW	1	10	10	01	—	—	—	∞. Dull.		
21	33	17	42.0	41.0	45.3	38.7	2.3	3.0	220	197	83	77	S	3	S	3	9	0	—	—	—	—	Sunny day.		
22	00	06	38.8	41.2	43.2	37.4	1.1	1.8	215	221	91	86	SW	4	Calm	0	10	6	12	—	—	—	Dull. ⁰ showers.		
23	31	31	36.9	41.0	42.1	34.5	2.1	4.1	180	178	83	69	NE	4	S	3	2	3	—	—	—	—	Fine and sunny. Chilly n.		
24	30.16	30.06	41.4	42.0	44.0	38.3	3.7	1.0	190	245	73	92	S	3	SW	3	3	10	72	—	—	—	Fine and sunny. ⁰ after-noon.		
25	29.91	29.73	44.0	45.1	46.8	41.0	0.9	4.1	267	213	93	71	SW	4	SW	4	10	10	18	—	—	—	* ⁰ all day.		
26	74	77	42.6	45.0	47.3	40.0	0.7	1.0	258	275	94	92	SW	4	SW	3	10	10	35	—	—	—	* ⁰ all day.		
27	29.90	30.04	47.8	49.0	41.5	0.5	3.8	274	277	96	74	Calm	0	SW	3	SW	5	10	10	43	—	—	—	* ⁰ all day.	
28	30.08	12	45.0	44.5	47.0	43.7	1.0	0.7	275	277	92	94	Calm	0	SW	3	10	10	17	—	—	—	* ⁰ all day.		
29	20	14	43.8	48.8	49.0	41.5	0.5	3.8	274	277	96	74	SW	2	SW	2	10	10	04	—	—	—	* ⁰ generally.		
30	19	16	44.0	44.0	49.0	43.0	1.3	3.6	259	213	90	73	SW	1	Calm	0	10	9	—	—	—	—	* ⁰ a. Fair p.		
31	33	47	41.3	37.0	44.0	35.0	2.4	2.0	211	182	81	83	SW	1	Calm	0	10	0	—	—	—	—	—	Fair to fine. ∞	
31	30.58	30.68	27.7	26.5	37.0	25.4	0.9	0.5	124	127	82	89	Calm	0	Calm	0	0	0	—	—	—	—	—	—	Cloudless and calm.
M.	30.121	30.137	39.7	40.5	44.2	36.3	1.4	2.1	220	213	88	83	2.3	2.6	8.0	6.9	7.64	—	—	—	—	—	—	—	

DUNDEE, FORFARSHIRE, c.d.—JANUARY 1911.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 9 inches. Rain-gauge, 1 foot.
Long. 2° 56' W. Lat. 56° 28' N. Gravity Correction, +.030 in. Time, Greenwich mean time.

1.	29.95	30.00	34.8	36.0	39.2	34.0	1.8	2.0	166	175	82	82	NW	5	NW	5	5	5	—	—	—	Fine.
2	29.97	29.96	39.0	36.2	41.2	34.6	3.0	1.4	181	187	77	88	NW	5	NW	5	10	10	.05	—	—	Fine 11 h.-15 h.
3	30.17	30.26	35.0	30.0	39.2	29.5	1.1	0.2	182	161	89	97	NE	1	NW	1	10	0	.04	—	—	Fine till 13 h. Cloudy till 16 h.
4	30.24	30.07	32.0	32.5	37.8	27.4	0.0	0.3	182	179	100	97	SW	1	SW	1	10	0	.02	—	—	* showers n. Dull. ⁰
5	29.99	29.72	34.5	35.7	36.5	31.8	0.0	1.2	200	188	100	89	E	1	SW	1	10	10	.10	—	—	Dull and cloudy.
6	16	56	38.7	32.0	41.0	30.6	0.7	1.0	221	157	94	87	S	3	NW	1	10	10	.01	—	—	* n. and till 9 h. Dull.
7	84	86	30.8	43.0	43.5	27.6	0.3	1.0	166	255	96	92	SW	1	SW	3	10	10	—	—	—	Dull and cloudy.
8	71	29.91	46.8	39.0	48.6	38.8	1.0	1.5	296	209	93	88	SW	5	W	3	10	5	—	—	—	Dull till 11 h.
9	29.96	30.04	36.5	35.2	40.2	30.2	1.2	1.0	193	186	90	90	SW	3	SW	1	10	5	—	—	—	Dull till 11.30 h., then fine.
10	30.14	29.88	36.0	39.0	42.2	33.6	1.2	1.2	189	214	89	90	SW	1	SE	1	5	10	.04	—	—	⁰ and sunshine till 15 h. Dull.
11	29.17	29.47	43.6	32.8	43.8	31.9	0.2	1.2	279	162	98	86	N	1	NW	8	10	10	.17	—	—	* a. and 18 h.-20 h. ⁰ from 18 h.
12	29.79	30.04	32.0	33.2	36.0	30.4	1.0	1.2	157	165	87	87	N	5	N	8	5	5	.04	—	—	* 14 h.-16 h.
13	30.10	29.97	33.0	36.0	37.2	28.5	1.0	1.1	167	191	89	90	W	1	SW	1	10	10	—	—	—	Dull and cloudy.
14	29.96	30.00	38.2	40.2	42.2	33.0	0.4	0.4	222	241	97	96	SW	5	W	1	10	10	.01	—	—	Dull. ⁰ till 11 h.
15	29.97	29.90	39.2	42.0	43.0	37.5	1.0	1.0	220	245	92	92	SW	3	SW	8	10	10	—	—	—	Fine, then dull. ⁰ from 16 h.
16	30.35	30.27	37.5	38.9	43.8	36.5	1.5	1.1	195	216	87	92	SW	1	SW	1	10	10	—	—	—	⁰ till 10 h. Fine till 14.30 h.
17	22	27	47.2	45.5	48.9	37.6	1.0	2.0	300	259	93	86	W	5	W	5	10	10	—	—	—	Dull till 13 h.
18	32	34	45.5	41.8	49.2	40.8	2.5	1.2	248	240	82	91	SW	3	W	1	5	5	—	—	—	Cloud and sunshine till 15 h.
19	31	25	38.6	42.2	43.3	37.4	1.1	1.2	213	243	92	90	SW	1	SW	5	5	10	—	—	—	Cloud and sunshine, then dull.
20	30.23	30.07	39.5	37.0	43.0	36.2	1.0	0.5	222	210	92	96	W	1	W	3	5	10	—	—	—	Dull. ⁰
21	29.92	29.89	39.0	40.0	41.2	34.0	1.5	0.5	209	237	88	96	SW	3	SE	1	10	10	—	—	—	Dull till 10 h. Sunny to h.
22	30.19	30.25	36.8	38.5	41.2	34.2	1.8	2.0	184	194	85	84	NE	3	SE	1	10	10	.06	—	—	Dull and cloudy.
23	30.13	29.96	35.6	38.0	39.0	34.0	0.2	0.5	204	218	99	96	NE	1	W	1	10	10	—	—	—	* n. Dull and cloudy.
24	29.81	29.57	43.0	47.0	47.5	37.0	1.2	1.5	251	287	90	90	SW	3	SW	8	10	10	—	—	—	Dull. ⁰ from 20 h.
25	61	56	42.5	50.2	50.5	40.8	0.7	0.7	257	346	94	96	W	1	SW	5	10	10	.02	—	—	[sunshine] Cloud and
26	79	29.86	43.8	46.8	52.0	43.0	0.4	3.5	276	241	97	76	NE	1	SW	5	10	10	—	—	—	Dull till 11.30 h.
27	29.95	30.00	44.5	42.0	47.2	41.5	2.0	0.5	249	256	85	96	SW	1	SW	1	10	10	—	—	—	Dull and cloudy.
28	30.14	11	40.5	44.5	45.0	35.7	0.3	0.7	245	277	98	94	NW	1	NE	1	10	10	.06	—	—	* 9 h.-11 h. ⁰ from noon.
29	02	12	42.2	39.6	45.2	39.0	1.2	1.6	243	211	90	87	SW	1	NE	1	10	10	—	—	—	Dull and cloudy.
30	26	37	40.5	36.0	41.0	34.7	1.0	0.8	231	197	92	93	SE	1	SE	1	10	10	—	—	—	Dull and cloudy.
31	30.46	30.49	30.5	27.6	37.7	26.5	0.3	0.2	162	144	95	97	NW	1	W	1	10	10	—	—	—	≡
M.	29.995	30.001	38.6	38.7	42.8	34.5	1.0	1.1	216	216	91	91	2.2	2.9	9.0	8.9	0.62	—	—	—	—	—

† Beaufort Scale (0-12).

GLASGOW, LANARKSHIRE, a.—JANUARY 1911.

Height above Mean Sea Level, 180 feet. Heights above Ground:—Bar., 4 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 4° 18' W. Lat. 55° 53' N. Gravity Correction, +.029 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.						Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sun- shine.	Temp. on Grass.	Remarks.			
							Dep. of Wet.		Vapour Pressure.		Percentage.												
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.									9 h.	21 h.	
1	ins.	ins.																					
2	29°97	30°04	37.3	34.8	48.1	34.1	3.3	3.2	163	143	73	70	—	2	NW	5	7	4	ins.	hrs.	°		
3	30°02	29°96	38.2	39.6	41.9	33.6	5.6	4.0	135	169	59	70	N	7	N	13	2	0	013	27	26	● early a. Fine.	
4	12	30°25	38.5	32.1	40.1	31.9	1.2	1.3	189	152	90	83	ENE	5	—	2	8	2=0	—	11	31	27	Fine a.
5	30°20	29°03	25.8	35.3	35.6	26.7	0.4	1.0	145	187	93	91	—	1	ENE	4	8	10	—	21	31	Fine, with ∞. = 0 p.	
6	29°91	30°03	36.3	37.6	39.0	33.2	0.9	2.1	188	186	91	82	—	2	SSE	7	9	10	380	28	35	≡ cleared at noon.	
7	14	76	41.1	36.7	39.9	35.5	1.1	1.9	234	182	91	84	W	12	—	2	10	7	023	11	35	Overcast.	
8	82	76	37.3	45.2	45.5	34.3	1.6	1.1	192	275	87	92	SSW	4	SW	10	9	10	01	21	38	● 3.30 h.-10 h. Dull.	
9	72	29°88	46.8	41.3	48.3	41.3	0.8	2.5	101	209	94	81	SW	15	W	10	9	9	042	—	41	Overcast.	
10	29°98	30°09	39.4	36.4	42.1	36.0	2.4	1.4	195	189	81	88	W	8	SW	5	6	2	070	25	31	Overcast, with ●.	
11	30°20	29°84	40.5	38.4	44.1	36.2	2.0	1.2	212	208	84	90	W	10	SSW	11	10	10	560	01	31	● 18.15 h. and 19.15 h.	
12	29°14	29°51	46.9	35.3	48.6	35.2	0.7	3.9	304	137	95	66	SW	15	N	13	10	10	125	—	36	● 9 h.-10 h., noon, and 20.30 h.-	
13	29°85	30°05	34.2	35.5	37.3	32.6	1.9	3.6	160	144	81	68	N	6	N	10	6	3	—	42	25	Overcast. [midt. ▲	
14	30°11	29°99	32.4	38.2	38.3	29.1	2.1	0.6	140	218	76	95	N	4	WSW	4	10	10	019	—	21	Fine.	
15	29°98	30°01	42.4	41.1	44.4	38.2	1.3	1.1	243	234	90	91	W	7	WSW	4	10	9	012	—	35	Overcast. ● 16 h.	
16	29°99	29°95	40.9	43.7	43.7	40.3	1.7	1.2	220	258	87	90	SW	12	SW	14	10	10	029	02	35	Dull.	
17	30°27	30°30	40.1	41.3	47.7	38.8	2.7	2.2	195	215	78	83	—	3	W	5	2	9	007	—	35	● 18 h.-19 h.	
18	28	39	47.2	46.8	48.1	40.8	0.6	2.5	310	262	96	82	SW	14	W	12	10	10	024	—	32	Cloudy. (U) 23 h.	
19	41	38	46.9	44.3	48.1	44.1	2.7	2.0	258	247	81	84	WSW	10	SW	8	10	10	—	—	43	● 9 h.-16 h.	
20	35	30	40.9	43.9	45.0	40.4	1.6	1.7	222	249	87	87	SW	9	SW	10	10	10	—	—	40	Overcast.	
21	30°23	30°08	41.1	37.3	44.4	37.2	2.0	1.8	216	188	84	85	SW	7	—	2	8	0	00	—	34	38	Fine.
22	29°92	29°91	39.6	42.0	43.1	35.2	2.5	0.9	195	247	80	93	SW	10	SW	6	8	10	—	01	26	Overcast.	
23	30°14	30°15	37.1	39.3	42.5	36.3	1.6	2.5	190	192	86	81	ENE	9	E	13	7	10	004	07	30	Dull. ● shower 18 h.	
24	30°07	29°95	39.3	41.2	44.0	38.5	1.7	1.0	207	237	87	93	SE	4	SW	7	8	10	081	12	36	Dull a. Fine afternoon.	
25	29°84	29°95	46.6	43.6	46.0	38.9	1.1	0.9	259	289	91	94	SW	11	SW	18	9	10	537	—	38	● early a., and 16 h.-midt.	
26	62	66	43.4	50.8	52.0	43.0	0.4	1.4	272	334	97	90	WSW	7	SW	20	10	9	150	—	42	● till 20 h.	
27	83	29°96	50.1	48.2	51.9	48.2	1.3	3.5	328	255	91	76	WSW	21	W	13	10	10	—	06	49	Dull.	
28	29°98	30°00	45.4	45.3	49.1	44.1	2.3	1.1	251	277	84	92	SW	14	WSW	4	9	10	053	—	43	Overcast.	
29	30°09	30°08	44.2	46.3	49.5	44.1	0.5	3.4	279	239	97	76	—	3	S	12	10	10	—	—	39	● 7 h.-10 h. Overcast.	
30	09	07	43.5	40.7	46.8	40.7	1.7	3.4	246	188	86	74	—	3	SSE	6	10	10	—	—	40	Overcast.	
31	20	32	41.1	35.5	43.7	35.3	1.1	1.2	214	185	83	89	—	3	E	6	9	2	00	—	38	Dull.	
	30°45	30°50	29.9	28.8	39.1	25.4	1.1	0.8	137	135	82	86	—	2	—	2	8	7	—	—	—	22	
M.	29°96	30°09	40.3	40.3	44.6	37.1	1.7	1.9	219	214	86	84	—	—	—	—	—	—	2129	21	335		

DOUGLAS, ISLE OF MAN, a.—JANUARY 1911.

Height above Mean Sea Level, 277 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 10 inches.

Long. 4° 28' W. Lat. 54° 10' N. Gravity Correction, +.024 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.						Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.			
							Dep. of Wet.		Vapour Pressure.		Percentage.												
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		
1	ins.	ins.	40.6	38.0	47.1	33.9	3.6	4.0	in.	in.	%	%	†	†			ins.	hrs.	°	● early a. Fine and frosty.			
2	29.90	29.94	36.0	38.7	47.2	33.9	3.1	3.3	184	157	72	68	NNW	3	NNW	4	8	2~	3.1	35	Fine.		
3	29.88	29.78	36.0	38.7	47.2	33.9	3.1	3.3	156	174	73	74	NW	1	N	6	1~	2~	6.4	27	~ a. Fine.		
4	29.91	30.08	37.3	38.7	41.9	36.1	1.3	4.2	197	159	89	68	NE	5	E	3	2	0	3.8	33	~ a. Gloomy after 14 h.		
5	30.06	29.90	37.9	39.0	42.4	32.8	1.6	2.1	197	197	87	83	NE	2	E	1	9	10	3.9	29	Dull. ● 16.30 h.		
6	29.82	29.62	40.5	40.0	41.9	38.3	1.7	1.0	217	226	86	92	SE	2	S	5	8	10	3.6	36	Squally from 10 h.		
7	29.15	29.15	41.1	37.9	46.5	37.0	1.3	2.2	230	187	89	82	WNW	7	WNW	6	10	1	0.16	36	~ a. ● showers 11 h.-20 h.		
8	29.79	29.79	39.3	47.0	47.9	34.2	1.3	0.8	215	303	90	94	WSW	1	W	4	8	6	0.79	0.1	28	Dull and squally.	
9	29.81	29.94	47.8	44.8	49.9	44.0	0.8	2.6	312	239	94	81	WSW	4	W	2	10	10	0.10	—	36	Dull and cloudy.	
10	29.96	30.08	40.1	40.0	45.3	37.0	1.1	2.7	225	194	91	78	W	1	WNW	6	8	0	1.8	36	Fine, then dull. ● n. after		
11	30.21	29.87	40.3	43.5	44.7	38.3	1.6	3.3	217	214	88	75	SW	1	WSW	7	6	10	0.64	19	● * showers after 15 h.		
12	29.27	29.27	32	47.0	36.0	49.0	35.7	0.7	3.3	306	153	95	72	SW	7	N	10	10	0.38	2.9	36	Cold and stormy. *	
13	29.68	29.68	41	34.0	35.1	38.9	32.5	2.5	3.7	147	138	75	67	N	7	N	7	1~	1~	6.7	27	~ a. Dull.	
14	30.03	29.97	34.0	37.7	38.4	30.6	2.6	1.5	145	197	74	87	N	1	WNW	2	6	9	0.1	23	Dull. ● (sleet).		
15	29.98	30.01	41.2	41.1	44.4	36.9	1.2	1.1	233	234	91	91	WNW	1	WSW	1	9	9	—	33	Dull.		
16	30.00	30.00	40.9	44.0	44.4	38.8	3.5	1.8	188	248	74	86	WSW	2	WSW	3	9	10	0.15	—	36	Fine till 15 h., then overcast.	
17	29.25	29.39	40.7	44.7	48.0	37.8	1.0	0.9	218	275	92	93	NNW	1	SW	3	0~	10	5.1	31	Dull.		
18	29.30	29.36	45.9	45.3	47.0	43.9	0.7	2.2	292	252	95	84	WSW	3	WSW	3	9	10	—	34	Dull.		
19	29.30	29.35	43.6	42.0	47.0	41.0	1.9	2.0	243	225	86	85	WSW	3	WSW	2	9	10	—	42	Dull.		
20	29.39	29.40	41.6	43.0	43.8	38.3	1.1	1.4	225	233	91	90	W	2	WSW	1	9	10	0.1	40	Dull.		
21	30.18	30.05	40.2	38.2	43.0	36.9	1.2	0.5	224	220	90	96	S	1	SSE	2	9	10	—	38	Dull.		
22	29.89	29.85	41.2	43.0	44.0	37.8	2.2	1.6	213	242	83	87	W	3	W	1	10	10	0.63	0.6	37	● till noon. ≡ till 15 h.	
23	29.95	29.91	41.5	42.7	43.9	40.4	0.2	1.1	258	250	98	91	E	3	S	2	10	10	0.101	—	37	Fine. ≡ p.	
24	29.97	29.97	43.0	42.0	46.4	38.8	1.0	1.7	255	231	92	87	SSW	2	SW	2	8	10	0.15	5.2	36	Dull and squally. ● 18.30 h.	
25	29.70	29.78	43.8	45.6	46.0	41.5	1.1	1.6	261	269	92	88	SW	3	SW	6	9	10	0.35	—	32	Dull a. Stormy after 13 h.	
26	29.89	29.93	49.1	47.0	50.8	46.4	1.8	1.7	304	282	87	88	WSW	6	WSW	5	8	2	—	42	Cloudy and squally.		
27	29.99	29.97	45.1	45.7	47.7	44.0	2.1	0.7	252	291	84	95	SW	3	WSW	3	8	7	—	0.5	43	Dull and gloomy.	
28	30.05	30.04	40.7	45.0	47.4	44.5	0.4	3.8	310	218	97	73	SW	3	S	3	10	10	0.2	39	≡ till 14 h. Dull.		
29	29.01	29.96	42.6	41.5	47.4	40.9	2.6	3.1	219	200	81	77	S	3	SE	3	9	10	—	41	Dull.		
30	29.05	30.17	41.7	37.0	42.1	36.3	2.8	3.1	208	163	79	74	ESE	4	E	6	9	0	—	39	Dull till 14 h.		
31	30.32	30.40	34.2	32.5	38.4	31.0	2.2	2.1	154	141	78	76	ESE	6	ENE	1	3~	0~	—	5.8	30	— a. Fine.	
M.	29.954	29.964	41.4	41.5	45.4	38.2	1.7	2.2	229	220	86	83	3.1	3.8	7.6	6.7	1.887	54	35.2				

STONYHURST, LANCASHIRE, a.—JANUARY 1911.

Height above Mean Sea Level, 375 feet. Heights above Ground:—Bar., —12 feet. Therms., 7 feet. Rain-gauge, 2 feet.

Long. 2° 28' W. Lat. 53° 51' N. Gravity Correction, +.023 in. Time, Local mean time.

1	29.72	29.82	39.4	34.0	45.5	33.5	3.9	3.7	170	127	71	65	NW	10	WNW	6	7	0	—	—	32	— a. Fine. * 14 h.—15 h. Clear n.
2	29.70	29.59	36.0	36.6	39.8	32.5	1.0	3.1	193	162	91	74	NW	10	N	12	3	4	0.50	4.8	27	Fine. * ▲ showers.
3	29.78	29.68	36.0	34.0	39.0	34.0	2.0	4.0	175	122	82	62	NE	6	NNE	4	5	0	—	2.6	32	Overcast.
4	29.95	29.82	36.0	38.0	39.0	31.5	2.7	2.0	163	190	76	83	N	5	NNE	4	10	10	—	—	28	Cloudy and misty.
5	29.77	29.62	35.3	35.0	38.0	31.7	1.6	3.0	176	148	85	72	S	2	SSW	4	10	5	0.327	—	25	Squally, with ●.
6	29.77	29.45	37.8	38.0	41.0	32.5	1.8	2.6	192	180	85	78	S	23	W	7	10	5	0.50	0.5	27	Fine and frosty.
7	29.76	29.74	32.6	40.0	40.0	31.3	1.6	1.2	151	222	82	90	—	2	—	2	4	10	0.40	0.1	23	Mist and ● showers.
8	29.80	29.84	45.5	46.2	47.0	38.9	1.2	1.2	277	285	91	92	SW	5	W	7	10	10	1.55	—	35	Dull. ▲ 19 h.
9	29.88	30.00	41.8	38.0	46.2	35.8	0.8	1.3	247	203	94	89	—	2	W	4	10	8	1.20	—	35	Dull and cloudy.
10	30.13	29.89	39.0	39.0	42.5	36.3	2.0	2.0	199	199	84	84	W	7	SW	5	8	10	4.30	0.5	34	● all day.
11	29.23	29.23	36.6	44.0	40.0	47.1	36.0	1.0	3.4	265	182	92	73	SW	16	NNW	15	10	0.00	—	35	Fine. * ▲ showers.
12	29.46	29.69	33.6	34.2	41.0	32.5	1.6	2.7	160	145	83	74	N	13	N	10	4	4	0.10	3.8	31	Brilliant sunset.
13	29.91	29.87	38.0	33.5	38.2	27.3	2.0	3.0	997	133	64	69	—	0	—	2	3	10	—	2.9	19	Mist and ● showers.
14	29.89	29.95	36.0	40.0	40.0	32.2	3.4	1.0	152	226	71	62	—	2	WSW	4	10	10	1.00	—	28	Overcast.
15	29.95	29.96	38.0	41.3	41.8	37.7	1.7	2.3	195	213	85	82	WSW	4	SW	6	10	10	0.55	—	34	≡. ☐ 20 h. ≡ later.
16	30.18	30.26	40.0	36.0	43.0	34.3	1.0	1.2	226	189	92	89	W	4	—	1	10	0	0.10	0.2	33	Dark and misty. ● n.
17	29.24	29.30	42.0	43.0	44.8	34.5	1.0	1.0	245	255	92	92	SW	11	SW	7	10	10	0.60	—	28	Overcast and mild.
18	29.29	29.28	42.8	41.0	42.8	40.0	2.3	2.0	227	215	83	84	W	7	—	3	10	10	—	—	39	Overcast and mild.
19	29.23	29.20	41.0	40.0	42.0	39.0	1.6	2.2	223	203	87	87	—	5	W	5	10	10	—	—	39	Fine a. ≡ 2 n.
20	30.13	29.98	37.5	33.0	40.0	32.7	1.5	1.0	195	167	87	89	—	1	—	3	10	0	—	—	31	Damp and misty.
21	29.84	29.78	33.0	40.0	40.5	29.3	1.0	2.0	167	207	89	84	—	2	—	2	10	10	—	—	32	●. Mist n.
22	29.87	29.99	39.3	40.0	42.3	39.0	1.3	1.5	215	217	90	88	—	2	—	2	10	10	1.10	—	32	Dark and cloudy. ● 13 h.—14 h.
23	29.95	29.92	36.5	39.8	41.0	35.5	1.4	1.5	189	215	88	88	S	4	W	4	10	10	0.10	—	35	Overcast. ● 22 h.
24	29.84	29.74	41.0	43.3	45.2	36.5	1.5	2.6	225	225	88	88	SW	7	SW	9	10	10	1.50	—	34	Squally and overcast.
25	29.65	29.68	46.7	48.5	49.2	42.5	2.2	1.7	268	299	85	88	SW	17	WSW	16	10	10	0.05	—	39	Overcast and mild.
26	29.85	29.93	47.5	45.2	48.8	44.0	1.5	1.2	291	273	89	91	SW	12	SW	12	10	10	0.10	—	41	Fine, but misty.
27	29.95	29.93	43.4	44.0	45.8	42.5	2.1	2.2	236	240	83	83	WSW	4	SW	4	10	10	—	—	37	Cloudy.
28	30.02	30.00	45.0	44.4	48.8	43.0	1.3	2.4	268	240	90	82	—	0	—	3	10	10	—	—	40	
29	29.97	29.95	40.0	41.0	44.4	38.9	2.0	3.3	207	192	84	75	S	5	SE	5	10	0	—	—	34	
30	30.01	30.15	38.2	32.0	41.0	31.3	3.2	3.0	171	118	74	65	E	8	ENE	4	10	0	—	3.3	27	
31	30.29	30.34	29.2	28.0	36.0	27.5	2.2	2.0	104	097	65	64	—	2	—	2	0	0	—	4.0	22	Sunny through mist.
M.	29.883	29.894	38.8	38.9	42.6	35.3	1.8	2.2	202	196	84	81	6	6	8.5	7.3	1.752	23	31.8			

SOUTHAMPTON, HAMPSHIRE, a.—JANUARY 1911.

Height above Mean Sea Level, 64 feet. Heights above Ground:—Bar., 20 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24' W. Lat. 50° 55' N. Gravity Correction, +016 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.				
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.					9 h.	21 h.		
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.									9 h.	21 h.
1	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%	†	†			ins	hrs.	°	Dull, with drizzling ^(fine) .		
2	30°12	30°11	44°5	35°0	48°4	34°2	2°0	2°0	249	164	85	80	NW	2	NW	3	10=0	0	°020	—	30	— a. Fine.
3	29°99	29°81	35°0	36°6	39°6	31°0	2°5	2°6	156	169	76	78	NW	3	NW	4	0	0	°008	3°6	29	• showers n. =° a. Dull to
4	29°89	30°15	36°0	37°0	40°4	34°4	1°1	2°9	191	167	90	76	NE	3	NE	3	8=0	10	—	2°4	29	• Drizzling • afternoon.
5	30°09	30°04	37°8	38°4	40°1	35°3	2°2	1°4	186	204	82	88	NE	2	NE	2	8	10	°020	0°2	30	Dull.
6	30°04	30°01	36°6	38°9	39°1	35°7	0°9	1°3	199	212	92	90	NE	1	NE	1	10	10=0	°010	—	34	Dull and damp.
7	29°77	29°82	42°0	36°3	43°1	35°9	2°2	1°3	221	190	84	89	SW	2	NW	2	10	0	°450	—	30	• 8.45 h.—16 h.
8	30°15	30°26	33°2	41°3	43°1	31°4	0°9	1°2	171	234	90	91	NW	2	SW	1	0=0	10=0	°050	3°2	17	• a. Fine.
9	29°29	31°47	48°4	49°0	40°9	0°5	0°4	312	329	96	97	SW	1	SW	1	10=0	10=0	°020	—	48	Dull, damp and misty.	
10	29°25	31°48	48°4	50°0	40°9	0°7	1°7	329	223	95	87	SW	1	NW	3	10=0	0	°100	—	36	• 11 h.—14 h., and 15.30 h.—18 h.	
11	30°53	30°40	35°0	35°0	44°6	32°9	0°9	0°7	186	190	91	93	NW	2	SW	2	2=0	1=0	°035	5°1	23	Fine. ☐ 20 h. ☐ 21 h.
12	29°89	29°43	43°0	45°9	46°1	34°5	1°0	0°7	255	292	92	95	SW	4	SW	4	10=	10=	°430	—	25	• all day.
13	29°49	29°87	38°0	34°5	46°0	34°1	3°0	3°0	173	143	75	72	NE	6-7	NE	3	10	4	—	0°2	36	Cold and squally.
14	30°14	30°16	36°2	32°3	39°0	31°7	2°2	2°7	173	127	81	70	NE	4	NE	3	7	0=0	—	1°9	28	• a. and p. Fine.
15	26	32	31°2	30°7	39°6	29°4	1°2	0°9	148	148	83	87	NE	2	NE	1	0=0	0=0	—	5°7	19	• a. and p. Fine.
16	35	40	27°2	29°2	37°8	25°2	0°2	0°1	142	159	96	98	NE	1	NE	1	1=1	0=2	—	0°7	14	• a. and p.
17	69	71	38°5	40°3	41°4	37°0	0°6	1°0	221	229	95	92	NE	1	NE	1	10=1	10=2	—	—	14	• a.
18	70	64	42°0	39°0	44°1	38°9	2°0	0°9	225	220	85	93	NW	1	NW	1	10=2	10=0	°008	—	36	Dull, damp and misty.
19	59	55	36°3	35°3	40°5	34°8	0°9	0°4	198	199	93	97	NW	1	NW	1	10=0	10=0	—	—	36	Overcast.
20	48	36	35°4	39°5	40°1	33°9	0°3	0°5	202	232	97	96	NE	1	SE	1	10=0	10=0	—	—	35	Dull, with mist.
21	24	17	39°0	40°0	40°2	38°4	0°4	0°7	230	232	97	94	SE	1	SW	1	10=	10=	°020	—	34	Dull, damp and misty.
22	24	31	37°2	37°6	40°2	36°3	0°9	0°7	204	212	92	94	NW	1	NE	2	10=0	10=0=0	°180	—	38	Dull, damp and misty.
23	34	36	36°4	38°8	41°1	35°5	0°4	0°5	207	226	96	96	NW	1	NW	1	1=0	10=0	°008	4°5	31	• till 4a. Fine. =° 23 h.
24	35	31	31°2	44°7	46°2	30°7	0°2	1°8	171	255	97	87	NW	1	SW	1	10=3	10	°030	1°9	25	• till 11 h. Misty to fine.
25	25	25	44°9	48°0	49°1	40°0	2°5	1°5	242	297	82	90	SW	1	SW	1	10	10	—	—	31	Fair and mild.
26	35	41	48°0	47°4	51°5	47°3	1°6	1°3	295	296	89	91	SW	1	SW	1	8=0	10=0	—	—	45	Fair and mild.
27	40	38	44°2	43°3	47°9	43°1	2°9	2°0	228	237	78	84	NW	1	SW	1	10=0	10=0	—	—	41	Dull and mild.
28	41	38	35°0	39°0	51°1	32°3	0°5	0°8	194	222	95	94	NW	1	NW	1	10=1	10=0	—	5°8	23	=° till 11 h.
29	32	21	40°9	42°0	47°5	36°8	2°3	2°2	209	221	83	81	SE	2	SE	3	0=0	10	—	3°5	27	Fine, with ∞.
30	19	31	39°3	33°4	44°6	32°9	2°2	3°2	198	130	83	60	NE	3	NE	4	0=0	0=0	—	7°5	32	Fine, with ∞.
31	30°50	30°58	31°0	30°2	37°0	28°6	1°1	0°1	146	166	84	98	NE	3	NE	3	0=0	0=0	—	8°0	23	Fine.
M.	30°253	30°257	38°2	38°7	43°5	34°8	1°3	1°3	207	211	88	88	1°9	1°9	6°9	6°3	1°434	54	29°9			

FALMOUTH, CORNWALL, a.e.—JANUARY 1911.

Height above Mean Sea Level, 167 feet. Heights above Ground:—Bar., 16 feet. Therms., 4 feet. Rain-gauge, 2 feet.
Long 5° 4' W. Lat. 50° 9' N. Gravity Correction, +013 in. Time, Greenwich mean time.

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* Miles per hour.

† Beaufort Scale (0-12).

ARMAGH, a.—JANUARY 1911.

Height above Mean Sea Level, 196 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 39' W. Lat. 54° 21' N. Gravity Correction, +025 in. Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ing 9 h.	Sun- shine.	Min. Temp. on Grass.	Remarks.				
							Dep. of Wet.		Vapour Pressure.										Percentage.			
							9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.	9 h.	21 h.	9 h.
1	ins.	ins.							in.	in.	%	%	*	*			ins.	hrs.	°			
2	30°05	30°12	35°6	31°9	47°0	31°7	0°8	1°7	°195	°142	93	78	—	2	—	2	9	3	27	Very fine.		
3	°07	°29'97	35°1	31°5	42°0	31°2	2°0	1°0	°165	°154	80	87	—	3	—	3	0	0	43	— a. Very fine.		
4	°05	30°15	34°5	34°5	40°2	29°2	0°6	1°6	°188	°168	94	84	—	2	3	7	5	10	38	— a. Very fine.		
5	30°14	29°95	34°2	35°1	37°7	32°2	2°1	1°5	°156	°175	79	85	SE	5	SE	4	7	10	°30	Overcast.		
6	29°28	°52	34°2	42°0	42°0	32°9	0°5	0°8	°188	°249	95	94	S	8	S	15	10	10	°370	* 0 early a. Overcast.		
7	°83	°29'67	38°2	32°2	46°7	32°2	0°4	1°0	°222	°160	97	87	SW	4	W	6	2	0	°30	A few 0 showers.		
8	30°02	30°02	37°2	43°5	48°0	31°9	1°4	1°2	°194	°256	87	90	S	10	SW	10	10	7	°050	Frequent drizzle.		
9	29°82	°48	43°0	43°0	50°0	43°0	0°5	1°8	°322	°238	97	86	SW	15	W	4	10	10	—	Overcast.		
10	30°31	29°86	38°7	37°3	46°3	35°5	1°0	1°3	°216	°197	92	89	SSW	5	W	6	10	4	°23	29 Fine.		
11	29°29	29°61	36°0	38°6	39°5	32°9	1°1	1°4	°191	°27	90	89	SW	9	SSW	18	9	10	°195	Overcast. 0 from 19 h.		
12	29°80	30°10	47°9	34°7	49°4	34°7	0°9	1°3	°310	°176	94	87	SW	13	N	9	9	8	°020	14 Fine.		
13	30°16	°32	36°6	28°3	39°0	28°3	1°6	2°3	°151	°093	82	61	N	7	—	3	1	0	—	45	23 — a. Fine.	
14	°07	°08	31°0	35°5	37°1	28°3	1°0	1°0	°148	°189	85	91	—	2	SW	7	7	10	—	11	17 — a. Fine.	
15	°00	°07	37°6	39°4	43°9	35°3	1°0	1°0	°206	°222	91	92	SW	8	SW	6	10	9	—	16	32 Fine.	
16	°34	°28	39°0	43°0	44°1	37°4	2°1	2°2	°197	°230	83	83	S	12	SW	12	10	10	—	35	Overcast.	
17	°46	°40	37°0	41°6	44°7	34°3	0°8	0°6	°204	°250	93	95	SW	6	S	13	0	10	—	57	30 Very fine.	
18	°36	°40	44°2	42°7	47°3	42°7	1°8	2°0	°250	°232	86	85	SW	8	SW	8	10	10	—	35	Overcast.	
19	°35	°31	39°8	41°8	44°3	37°1	1°0	1°8	°225	°227	92	86	SW	5	SSW	8	10	10	—	38	Overcast.	
20	30°21	30°06	35°0	36°6	41°8	32°6	0°3	0°6	°198	°205	97	95	SSW	5	S	8	0	10	—	66	31 Fine.	
21	29°90	29°92	40°0	40°0	44°0	35°2	2°0	0°9	°212	°228	84	93	S	10	—	1	9	10	°135	°05	35 Overcast. Drizzle p.	
22	29°99	30°03	41°5	39°6	43°0	38°0	0°1	0°6	°260	°231	99	95	SW	4	S	6	10	10	°140	—	36 Rainy day.	
23	30°04	29°99	35°6	40°5	43°0	33°1	0°3	1°0	°203	°231	98	92	S	7	SW	9	10	10	—	08	30 — a. Fine.	
24	29°91	°79	43°2	40°7	46°7	40°5	1°7	1°0	°243	°206	87	93	SW	11	SW	16	10	10	°035	—	36 Overcast.	
25	°71	29°81	49°5	50°5	51°8	45°0	0°5	1°0	°341	°342	96	93	SW	17	SW	15	10	10	—	—	43 Overcast and damp.	
26	29°97	30°03	48°6	45°8	50°6	45°8	1°0	2°5	°318	°255	93	82	SW	12	SW	12	10	10	—	08	48 Overcast.	
27	30°01	°01	44°6	43°8	50°7	43°7	2°6	2°0	°237	°243	80	84	SSW	7	SW	10	10	9	°055	1°2	43 Fine.	
28	°06	30°02	47°8	44°3	52°0	43°8	1°2	3°3	°303	°221	91	75	S	8	S	10	10	10	—	05	41 Fine.	
29	°01	29°95	44°2	42°0	47°0	42°0	2°2	2°9	°242	°209	83	79	SE	4	SE	13	10	10	—	—	40 Overcast.	
30	°10	30°21	42°0	30°5	44°0	30°5	2°4	1°5	°138	°134	82	78	SE	7	—	2	10	3	°006	—	40 Overcast till 17 h.	
31	30°35	30°48	35°4	28°6	44°1	28°6	1°8	0°6	°173	°140	84	89	E	4	—	2	0	0	—	7°0	20 — a. Clear and cold.	
M.	30°020	30°033	39°9	39°1	45°0	35°8	1°2	1°5	°225	°212	89	87	—	7	—	8	7°7	7°7	1°066	51	32°8	

DUBLIN (PHŒNIX PARK), a.—JANUARY 1911.

Height above Mean Sea Level, 155 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 21' W. Lat. 53° 22' N. Gravity Correction, +.022 in. Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.						Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.	
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.	9 h.	21 h.					
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.									
1	ins.	ins.	41.1	29.2	47.6	28.2	1.2	0.5	.232	.148	90	92	N	4	—	2	9	0	ins.	hrs.	°
2	30.11	30.17	41.1	29.2	47.6	28.2	1.2	0.5	.232	.148	90	92	N	4	—	2	9	0	ins.	hrs.	°
3	.12	.00	28.2	30.3	38.7	26.8	0.2	0.3	.148	.161	96	95	W	4	W	4	0	0	.008	3.2	21
4	.04	.19	39.9	38.9	42.3	29.9	1.5	2.2	.161	.195	88	84	NE	8	E	5	8	0	.008	0.4	24
5	30.19	30.05	31.3	33.3	38.9	27.7	0.4	0.1	.166	.188	94	99	—	—	—	—	10	10	—	—	23
6	29.54	29.66	34.9	46.1	46.2	30.1	1.1	1.4	.181	.279	90	90	—	2	S	13	9	10	.290	0.1	36
7	.40	.79	40.2	32.9	48.8	32.7	1.5	0.4	.218	.179	89	96	W	11	—	0	6	3	.030	3.7	36
8	.97	.96	41.0	48.3	49.3	32.0	1.1	1.0	.233	.314	91	93	SW	11	W	9	9	3	.150	0.5	28
9	29.99	30.10	48.2	44.9	50.8	44.4	0.5	0.2	.325	.293	97	99	SW	11	—	1	10	10	—	1.9	39
10	30.16	30.36	40.9	35.3	45.5	34.9	0.4	0.7	.247	.193	97	94	—	3	W	6	10	0	.005	0.5	28
11	30.42	29.97	34.9	42.7	42.9	32.1	1.1	0.8	.181	.257	90	93	W	5	SW	19	4	10	.190	2.5	40
12	29.41	29.60	45.5	35.7	51.2	34.8	0.8	1.1	.321	.190	94	90	WSW	14	NNW	13	9	8	.095	2.5	40
13	29.93	30.13	32.1	33.9	38.1	31.4	1.4	2.1	.150	.153	82	79	N	8	N	11	3	0	—	6.5	27
14	.18	.27	34.7	37.3	24.7	0.7	1.1	.131	.180	86	90	W	6	W	4	9	10	—	—	1.9	20
15	.17	.19	37.2	38.6	43.4	34.5	0.7	0.9	.210	.217	94	93	W	6	SW	5	9	8	—	1.9	32
16	.15	.16	35.6	44.0	44.6	32.7	1.4	1.1	.183	.263	87	91	SW	6	WSW	13	5	10	.008	1.0	25
17	.43	.43	37.2	46.1	46.6	36.9	0.2	1.2	.218	.284	98	91	W	4	SW	6	10	10	—	3.8	33
18	.47	.52	45.3	44.7	48.0	44.5	0.4	2.2	.294	.247	97	84	SW	9	SW	7	10	9	—	0.1	41
19	.57	.49	42.7	29.3	46.4	28.9	1.7	0.9	.237	.137	86	85	SW	6	—	0	10	0	—	0.7	40
20	.45	.42	33.6	33.9	37.7	25.0	1.2	0.4	.168	.187	87	96	—	0	—	0	10	10	—	—	21
21	.29	.30	33.3	33.9	36.7	32.8	0.1	0.1	.189	.193	99	99	—	0	—	1	10	10	—	—	32
22	.01	.29	41.7	40.9	47.9	31.4	1.9	0.7	.225	.240	86	95	SW	5	—	1	9	10	.145	4.8	31
23	.14	.30	33.6	33.9	37.7	25.0	1.2	0.4	.168	.187	87	96	ESE	6	—	0	10	10	.012	1.8	35
24	30.05	29.94	43.8	47.1	48.1	40.7	0.7	2.2	.169	.272	95	84	WSW	9	SW	13	9	10	—	1.0	35
25	29.88	29.97	50.3	50.9	54.8	46.9	1.8	0.5	.319	.359	88	97	WSW	12	SW	8	9	4	—	—	45
26	30.10	30.14	48.9	47.9	52.1	47.9	0.9	1.5	.323	.296	94	90	WSW	12	SW	8	9	4	.016	—	3.4
27	.13	.10	45.9	47.1	51.3	44.4	2.0	1.2	.265	.295	86	91	SW	7	SW	8	10	0	—	2.3	41
28	.16	.13	46.9	43.4	52.9	41.4	1.7	1.9	.281	.241	88	85	—	3	SSW	4	6	7	—	3.4	33
29	.08	.02	42.2	41.9	46.0	35.9	0.6	1.5	.256	.235	95	89	—	0	SE	9	10	10	—	—	30
30	.12	.22	42.9	35.9	44.7	35.1	2.2	0.5	.230	.201	84	96	SE	7	E	4	10	10	—	1.4	39
31	30.38	30.52	37.4	25.7	44.7	24.9	3.1	0.6	.167	.119	74	86	SE	6	—	0	3	0	—	7.8	24
M.	30.113	30.121	39.7	39.2	45.7	34.1	1.1	1.0	.227	.224	91	91		6		6	8.0	6.2	0.868	64	32.7

BIRR CASTLE, KING'S COUNTY, a.b.—JANUARY 1911.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar.,—2 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. $7^{\circ} 55'$ W. Lat. $53^{\circ} 6'$ N. Gravity Correction, +.021 in. Time, Dublin mean time.

[illegible]

* Miles per hour.

† Beaufort Scale (0-12).

DAILY READINGS AT STATIONS OF THE FIRST AND SECOND ORDERS, 1911.

DEERNESS, ORKNEY, a.b.—FEBRUARY 1911.

Height above Mean Sea Level, 160 feet. Heights above ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45' W. Lat. 58° 56' N. Gravity Correction, +.036 in. Time, Greenwich mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.		
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.					9 h.	21 h.
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.								
1	ins.	ins.																		
2	30° 54'	30° 53'	39° 6'	42° 6'	42° 6'	37° 3'	1° 3'	0° 9'	217	253	89	93	WNW	5	W	14	8	1	—	Very fine all day.
3	42	38	43° 8'	44° 6'	45° 8'	41° 3'	0° 2'	1° 0'	281	272	99	93	W	20	NW	19	10	10	—	Dull a. Heavy sky p.
4	43	43	43° 6'	43° 2'	45° 6'	42° 9'	1° 5'	1° 0'	250	257	88	92	NW	12	NW	12	10	10	—	Fine all day.
5	41	36	42° 4'	41° 6'	44° 5'	41° 5'	1° 8'	1° 0'	233	242	86	93	NW	12	NW	10	9	10	—	Very dry a. Very fine p.
6	32	29	40° 6'	42° 7'	42° 5'	40° 3'	1° 0'	0° 3'	232	258	92	97	W	16	W	12	10	10	—	
7	29	36	42° 9'	42° 6'	45° 2'	41° 7'	0° 3'	0° 0'	269	273	98	100	WSW	17	NNW	4	9	0° 0'	—	Dull and damp a.
8	46	50	37° 8'	34° 4'	43° 5'	34° 0'	2° 0'	1° 4'	189	171	83	85	NE	12	N	4	8	8	—	
9	45	30° 25'	33° 8'	32° 8'	39° 0'	31° 5'	1° 7'	0° 2'	160	183	82	98	—	2	—	3	5	4	—	Fine a. Very fine p.
10	29° 43'	29° 74'	38° 6'	39° 4'	41° 5'	32° 8'	3° 0'	1° 1'	178	220	77	91	S	12	S	15	7	4	—	Fine all day.
11	29° 43'	62	39° 6'	36° 6'	42° 0'	34° 0'	1° 0'	0° 9'	223	199	92	92	S	25	W	10	10	0	—	Very fine p.
12	83	83	36° 0'	36° 6'	41° 3'	34° 5'	0° 2'	1° 0'	208	215	98	92	W	6	SW	9	2	4	—	— a. Very fine p. ☐
13	84	79	40° 1'	42° 6'	43° 2'	38° 3'	1° 2'	0° 6'	223	260	90	95	SSW	20	S	22	8	10	—	Fine a. ☉ from 21 h.
14	87	87	43° 7'	45° 0'	46° 3'	40° 3'	1° 0'	1° 0'	283	275	99	92	S	23	SSW	11	9	10	—	☉ all n. Fair p.
15	86	83	42° 1'	40° 4'	45° 5'	38° 9'	0° 7'	0° 8'	253	235	94	94	SW	8	W	7	4	10	—	Fine and mild. Parhelion p.
16	92	29° 84'	35° 6'	39° 3'	40° 9'	34° 1'	0° 0'	1° 4'	208	213	100	89	W	16	SW	15	5	10	—	☉ showers a.
17	96	28° 87'	34° 9'	45° 4'	50° 5'	37° 5'	0° 0'	0° 3'	298	296	100	98	SSW	15	SW	18	10	8	—	☉ till noon. ☉ 13 h.-16 h.
18	29° 41'	29° 29'	39° 9'	37° 0'	46° 5'	36° 3'	1° 2'	0° 2'	219	216	90	98	NW	13	SW	10	7	10	—	Fair a. ☉ from 18 h.
19	28° 94'	28° 61'	43° 3'	39° 0'	46° 5'	36° 7'	0° 7'	0° 4'	265	230	95	97	WSW	21	SW	29	10	4	—	☉ all a. ☉ showers p.
20	29° 81'	29° 33'	37° 3'	33° 7'	40° 5'	33° 5'	2° 9'	1° 8'	172	157	77	82	NW	32	NW	10	3	4	—	☉ showers a. and p.
21	28° 31'	29° 62'	27° 7'	30° 6'	35° 6'	27° 5'	1° 2'	2° 2'	149	119	98	70	NW	34	NNW	14	10	4	—	* ☉ showers all day.
22	29° 29'	28° 66'	40° 7'	45°																

ABERDEEN, a.e.—FEBRUARY 1911.

Height above Mean Sea Level, 46 feet. Heights above Ground:—Bar., 42 feet. Therms., 41 feet. Rain-gauge, 2 feet.
Long. 2° 6' W. Lat. 57° 10' N. Gravity Correction, +.032 in. Time, Greenwich mean time.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
30°68	30°71	33°7	31°2	39°6	28°1	1°6	1°0	°161	°151	83	85	WNW	°10	NW	7	10 h.	22 h.	10 h.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			

Corresponding Average Values are referred to thus:—a. Appendix III, "Weekly Weather Report," 1906; b. Appendix I, "Meteorological Observations at Stations of the Second Order," 1891; c. "Temperature Tables of the British Islands," 1871-1900; d. "Rainfall Tables of the British Islands," Part I., 1866-1880. Part II., 1880-1890; e. "Hourly Readings," 1905-1910. * Miles per hour.

250—Wt. 41467/309—4/11.—N. & Co., Ltd. Gp. XV.

2

FORT WILLIAM, INVERNESS-SHIRE, a.—FEBRUARY 1911.

Height above Mean Sea Level, 38 feet. Heights above Ground:—Bar., 11 feet 9 ins. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 7' W. Lat. 56° 49' N. Gravity Correction, +.031 in. Time, Greenwich mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.		
							Dep. of Wet.		Vapour Pressure.										Percentage.	
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	ins.		hrs.	
1	ins.	ins.	21.9	28.0	33.9	20.2	0.8	1.4	1090	1112	77	73	NE	1	NE	1	0	—	Cloudless and calm.	
2	30.77	30.78	21.9	28.0	33.9	20.2	0.8	1.4	1090	1112	77	73	E	1	Calm	0	1	8	—	
3	73	67	22.8	36.0	37.0	21.7	0.4	1.3	1088	1188	89	88	E	1	Calm	0	1	8	—	
4	67	68	37.0	39.3	43.0	34.5	1.0	2.5	200	192	91	81	Calm	0	E	2	10	10	Sunny intervals.	
5	64	58	37.0	36.3	42.2	35.2	1.3	0.9	195	198	89	93	Calm	0	E	1	10	8	Fine, but cloudy.	
6	56	53	35.3	36.2	38.7	34.8	1.8	1.3	172	189	83	88	NE	1	Calm	0	10	10	∞	
7	58	63	37.9	39.8	41.2	35.2	1.1	1.6	207	213	91	88	Calm	0	Calm	0	10	10	∞	
8	63	63	40.2	37.3	45.0	36.2	1.2	1.3	224	197	90	89	Calm	0	E	3	10	6	Sunny intervals.	
9	61	30.46	35.9	38.4	39.3	35.0	0.9	0.9	194	214	92	93	Calm	0	Calm	0	10	9	Dull, with ☉. Snow on hills.	
10	30.21	29.92	40.8	40.5	41.1	37.5	4.5	2.9	171	195	67	78	SW	4	SSW	4	9∞	100	∞	
11	29.62	29.88	39.0	35.0	42.5	34.0	1.0	1.0	218	184	92	90	SW	4	Calm	0	10	10	☉ below. Snow on hills.	
12	29.08	30.10	29.0	37.8	40.6	26.7	0.3	1.1	151	206	95	91	Calm	0	SW	1	3	5	Bright and sunny.	
13	06	06	40.9	44.3	44.3	35.0	2.4	1.4	208	260	82	89	WSW	3	SW	5	10	10	Bleak showery day.	
14	06	06	44.9	45.8	46.3	42.4	0.5	0.2	285	303	96	98	SW	4	SW	4	10≡0	10≡0	☉ all day; air very damp.	
15	10	10	47.4	39.9	46.0	39.1	0.3	0.9	281	227	98	93	SW	3	SSW	3	10	10	Dull and showery throughout.	
16	30.28	30.12	37.1	39.6	46.0	35.3	2.1	2.6	181	193	82	79	SW	2	SW	2	10	12	Sunny intervals.	
17	29.58	29.32	48.0	49.9	51.6	39.0	0.5	4.9	322	246	97	68	SW	6	W	8	10≡0.2	6	Squally, with ☉ n.	
18	79	79	51.1	44.0	43.0	53.0	40.0	5.1	3.2	186	211	64	77	W	4	W	4	10	10	☉ most of day.
19	23	28.99	49.7	42.0	53.0	40.8	0.9	2.0	334	225	94	85	SW	3	WSW	3	10	10	Dull and showery.	
20	21	29.62	37.0	33.2	42.1	33.0	3.3	2.2	160	145	73	77	SW	3	SW	3	6	5	☉ at times, but mostly fine air.	
21	68	29.87	38.6	30.7	41.7	33.0	4.6	1.7	152	131	65	75	W	3	Calm	0	5	0	Generally fine and sunny.	
22	40	28.98	40.4	40.4	50.0	27.8	0.7	0.4	237	242	95	97	SW	4	WSW	3	10.2	10.2	☉ all day.	
23	29.13	29.31	41.5	42.8	48.3	37.9	3.5	1.5	193	243	74	88	SW	4	WNW	4	10	10.2	☉ (sleet) ▲ during day.	
24	28.60	28.58	45.9	44.9	46.1	41.4	1.0	4.9	288	198	94	66	SW	6	W	6	10	3	☉ early. ☉ during day.	
25	29.28	29.49	39.4	36.0	44.9	35.4	2.6	1.0	191	193	80	91	WSW	0	SW	1	10	10	Unsettled; sunny intervals.	
26	22	33	40.8	41.2	44.5	35.5	0.4	2.6	246	207	97	80	Calm	0	SW	2	10	10	Unsettled; sunny intervals.	
27	57	95	39.7	35.0	42.8	34.5	3.8	1.3	173	178	71	87	NW	4	S	2	10	0	☉ (sleet) ▲. Sunny intervals.	
28	29.63	20	41.9	47.0	47.0	30.5	3.9	0.2	191	318	72	99	SSW	2	SW	3	10	10≡0	Showery day.	
29	28.85	29.21	45.0	37.1	49.0	36.5	1.8	1.9	257	185	86	84	SW	6	SW	3	10	7	☉. Snow on hills. Sunny interval.	
M.	29.885	29.877	39.1	39.2	44.3	34.5	1.8	1.8	208	207	85	85	2.6	2.4	8.4	7.8	12.45	—		

DUNDEE, FORFARSHIRE, c.d.—FEBRUARY 1911.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 9 inches. Rain-gauge, 1 foot.
Long. 2° 56' W. Lat. 56° 28' N. Gravity Correction, +.030 in. Time, Greenwich mean time.

1	30.62	30.68	24.4	27.5	36.0	23.0	0.0	0.3	131	140	100	94	N	1	SW	1	10	0	—	—	Cloud and sunshine 10 h.—15	
2	30.57	30.48	24.6	35.2	36.0	21.8	0.1	1.2	129	182	97	88	SW	1	W	1	5	5	—	—	≡ ⁰	
3	30.50	30.51	30.5	36.8	37.2	29.0	0.0	1.0	171	199	100	92	SW	1	SW	1	5≡ ⁰	10	—	—	≡ ⁰ a	
4	30.48	30.43	37.5	32.2	40.2	31.5	1.7	0.4	191	174	85	95	NW	1	W	1	10	10	01	—	Dull and cloudy.	
5	30.42	30.39	32.0	32.0	34.8	28.2	0.3	1.0	175	157	96	87	SW	1	NW	1	10	10	—	—	Dull and cloudy.	
6	30.41	30.36	33.7	36.8	37.8	26.0	0.7	1.0	180	199	92	92	SW	1	W	1	10≡ ⁰	10	—	—	≡ ⁰	
7	30.46	30.50	40.2	36.2	44.0	35.5	1.2	0.7	224	201	90	94	SW	1	NE	1	10	10	—	—	Dull and cloudy.	
8	30.51	30.37	32.0	34.5	38.2	30.5	0.5	0.3	170	194	93	97	NW	1	W	1	10	10	—	—	Dull and cloudy.	
9	30.25	29.90	36.0	35.2	39.2	32.0	1.0	0.7	193	192	91	93	SW	1	SW	3	10	10≡ ⁰	—	—	≡ ⁰ from noon.	
10	29.93	29.74	35.2	33.9	37.0	33.5	1.2	0.4	182	187	88	96	S	3	W	1	10	10	04	—	*. (sleet) 13 h. 30 m.—15	
11	29.93	29.99	29.5	29.5	41.6	26.5	0.5	0.0	150	164	91	100	NW	1	W	1	5	5≡ ⁰	01	—	Fine. ≡ ⁰ from 16 h. 30 m.	
12	30.03	30.02	33.2	39.0	41.2	26.5	1.2	0.8	165	222	87	94	SW	1	SW	1	10	10≡ ⁰	01	—	≡ ⁰ from noon.	
13	30.00	30.04	43.2	45.0	46.0	38.4	0.7	1.0	264	275	94	92	W	3	SW	3	10	10	03	—	17 h. 30 m.—18 h. 30 m.	
14	30.03	29.94	44.5	43.5	47.5	42.2	1.0	1.3	271	253	92	90	SW	3	SW	1	10≡ ⁰	10	06	—	≡ ⁰ till noon. ° n.	
15	30.13	30.07	36.0	38.6	45.2	34.4	2.0	2.1	175	194	82	83	W	1	SW	1	0	10	02	—	Fine till 16 h. ° n.	
16	29.48	29.15	48.0	50.5	52.9	36.5	1.0	2.0	309	317	93	87	SW	5	SW	8	10	10	01	—	from noon till n.	
17	29.56	29.36	45.2	44.0	50.9	41.0	3.7	0.5	233	277	74	96	SW	5	SW	3	10	10	08	—	18 h.—20 h.	
18	29.09	28.84	50.5	41.7	52.6	41.6	1.6	1.2	327	239	89	91	SW	5	SW	1	10	10	11	—	° during day.	
19	28.98	28.46	37.5	34.0	43.0	32.6	2.5	2.0	177	156	79	79	W	1	NW	1	5	5	02	—	14 h.—16 h.	
20	29.50	28.75	34.8	31.5	40.0	30.2	1.3	1.5	176	142	88	80	NW	1	NW	1	5	5	08	—	8 h.	
21	29.43	28.97	36.2	52.4	52.5	27.0	3.3	1.0	208	366	97	93	SE	1	SW	5	10	10	20	—	6 h. till n.	
22	29.00	29.18	38.2	40.0	52.5	38.0	1.2	2.5	212	198	91	80	SW	5	SW	5	5	10	14	—	° during day.	
23	28.56	28.45	44.7	41.0	48.0	40.0	1.0	1.8	273	219	93	86	SW	8	SW	5	10	10	07	—	till 13 h. Squally, with	
24	29.01	29.38	41.5	37.5	44.5	36.4	3.0	2.0	202	186	78	83	W	8	S	1	5	0	—	—	till 11 h. Sunshine all day	
25	30.15	30.20	38.8	38.5	46.0	34.2	4.4	2.0	228	194	97	84	NE	1	SW	1	10	5≡ ⁰	07	—	Fine day. ≡ ⁰ from 18 h.	
26	30.33	30.81	38.8	35.5	44.2	34.7	3.3	0.7	175	195	75	94	SW	5	SW	1	5	5	—	—	Cloud and sunshine.	
27	29.64	29.13	34.7	41.5	42.0	28.7	0.7	0.3	188	255	93	98	E	1	SE	1	10≡ ⁰	10	11	—	—	≡ ⁰ a. ° 17 h. till n.
28	28.84	29.04	47.5	47.7	36.5	2.5	2.7	269	176	82	77	SW	8	SW	5	10	0	03	—	—	from 11 h. ° till noon.	
M.	29.769	29.755	37.5	37.9	43.5	32.7	1.2	1.2	205	209	90	90	2.7	2.0	8.2	7.9	1.10	—	—	—	—	

† Beaufort Scale (0—12).

GLASGOW, LANARKSHIRE, a.—FEBRUARY 1911.

Height above Mean Sea Level, 180 feet. Heights above Ground:—Bar., 4 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 4° 18' W. Lat. 55° 53' N. Gravity Correction, +.029 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.			
							Dep. of Wet.		Vapour Pressure.										Percentage.		
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		
1	ins.	ins.	25.2	27.5	30.7	24.1	0.1	0.0	133	150	98	100	—	—	1	10≡	10≡	ins.	hrs.	17	Overcast. ≡
2	30.57	30.60	27.8	28.7	30.7	24.0	0.0	0.1	152	155	100	98	—	1	2	10≡	10≡	—	—	19	Overcast. ≡
3	30.53	30.58	28.7	30.7	30.7	24.0	0.0	0.1	152	155	100	98	—	2	—	10≡	10≡	—	—	20	Overcast. ≡ clearing at even-
4	30.50	30.54	26.4	35.9	30.7	26.1	0.0	0.9	143	194	100	92	—	1	1	10≡	10≡	0.32	—	22	Overcast. ≡ clearing at even-
5	30.47	30.52	37.1	35.1	39.0	35.1	2.4	2.1	176	163	80	79	—	3	E	9∞	10∞	—	—	31	Dull, with ∞.
6	30.38	30.43	36.2	36.0	36.7	34.9	2.7	2.4	165	168	77	79	—	2	—	10	10∞	—	—	32	Overcast, with ∞.
7	30.34	30.39	37.4	39.5	41.7	33.3	1.6	2.1	192	202	86	83	E	4	WNW	9∞	10∞	—	—	27	Overcast, with ∞.
8	30.44	30.47	40.4	39.5	42.7	38.3	1.9	1.0	213	220	85	82	W	4	ENE	10∞	10∞	0.15	—	35	Dull, with ∞.
9	30.40	30.42	36.8	38.7	39.9	36.3	1.9	1.2	183	212	84	91	E	5	—	10∞	9∞	—	—	34	Dull, with ∞.
10	29.55	29.58	39.7	38.3	40.3	37.1	2.1	2.4	203	185	83	80	S	7	SE	10∞	10	0.03	—	34	10 h. Overcast.
11	29.52	29.55	37.3	36.9	35.2	41.0	35.2	0.9	1.6	201	175	92	85	S	12	—	3	0.32	—	35	9 h.-10 h. and 11 h.-14 h.
12	29.98	29.98	32.4	35.9	42.8	30.0	0.6	0.9	171	194	93	92	—	2	—	1∞	2	—	5.4	26	Fine and clear.
13	30.00	30.00	36.5	42.7	44.3	33.0	1.3	2.2	191	228	89	84	SW	4	S	8∞	10	0.6	—	26	Cloudy, with ∞ a. U 23 h.
14	29.98	29.98	39.9	39.9	42.8	30.0	0.6	0.9	171	194	93	92	SSW	11	SW	10∞	10	0.173	—	40	Overcast. 20 h.-mid.
15	30.16	30.16	44.6	41.6	47.8	41.6	0.5	1.5	282	231	96	89	SW	9	W	10∞	10∞	0.130	0.2	43	early a. and 20 h.-22 h.
16	29.52	29.52	39.2	38.7	45.1	35.6	3.0	3.1	183	177	76	76	W	8	SSW	5	1∞	0.303	5.3	29	Fine a. @ 16 h.
17	29.65	29.65	48.1	50.9	52.2	38.1	0.9	3.2	313	293	93	79	SW	24	SW	22	10	0.286	—	34	Squally, with ∞ showers.
18	29.43	29.43	45.5	49.7	51.0	43.5	4.2	0.5	216	344	71	96	W	14	WSW	15	9	1.680	—	41	early a.
19	29.54	29.54	48.9	41.9	50.3	41.9	0.5	1.6	333	233	97	88	SW	18	SW	10	10	0.563	—	46	20 h.-19 h. and 21 h.-23 h.
20	29.43	29.43	37.9	35.7	42.3	35.3	3.2	3.3	170	150	75	71	WNW	8	W	9	2	0.125	7.6	34	early a.
21	29.33	29.33	38.6	35.3	42.9	34.9	2.8	1.6	182	176	90	85	W	9	—	3	4	0.080	4.8	32	4 h.-5 h. 15 m. Fineday. [mid-
22	29.05	29.05	47.3	50.2	54.8	34.6	1.3	0.8	249	366	90	95	S	10	SW	21	10	0.645	—	28	4 h. 30 m.-18 h. and 19 h. 30 m.-
23	28.56	28.56	41.7	42.7	52.6	38.0	1.3	1.2	203	248	77	90	W	12	SW	14	9	1.036	2.1	37	Squally, with ∞ 2. K noon.
24	29.13	29.13	47.3	44.1	47.6	42.5	1.7	4.0	285	206	88	71	SW	22	WSW	23	9	0.152	1.1	37	∞ showers.
25	29.09	29.09	44.6	41.7	39.6	44.5	4.2	1.7	40	285	85	W	15	—	3	7	10	0.052	6.6	36	early a. * (sleet) 11 h. [16 h.
26	29.46	29.46	48.2	56.9	46.8	39.4	0.6	2.7	280	205	95	80	SW	7	SW	9	10	0.258	1.1	36	early a., 10 h. 30 m.-noon, and
27	29.55	29.55	39.1	39.1	43.8	35.5	1.4	1.7	193	185	89	85	W	18	W	4	8∞	0.024	6.1	32	showers till 11 h. ~ 9 h. 20 m.
28	28.82	28.82	50.2	50.4	50.8	37.9	2.2	2.5	185	337	78	93	SE	7	SSW	12	10∞	0.332	—	28	noon-20 h.
			39.4	39.9	44.3	35.6	1.8	1.7	212	217	86	86	SW	18	W	14	9	0.243	0.3	43	Squally, with ∞ showers.
M.	29.761	29.755	39.4	39.9	44.3	35.6	1.8	1.7	212	217	86	86	9	8	8.4	8.4	6.154	41	32.5		

DOUGLAS, ISLE OF MAN, a.—FEBRUARY 1911.

Height above Mean Sea Level, 277 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 10 inches.

Long. 4° 28' W. Lat. 54° 10' N. Gravity Correction, +0.024 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.						
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.	9 h.	21 h.	ins.		hrs.					
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.												
1	ins.	ins.	30.45	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	ins.	hrs.	24	Very fine. = ⁰
2	30.44	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	0.10	5.7	24	= ⁰ a. Very fine.		
3	30.43	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	7.4	25	* n. Very fine.		
4	30.42	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	26	Dull. = ⁰ 11 h.—15 h.		
5	30.41	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	35	Dull.		
6	30.40	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	35	Dull a. Cloudy afternoon.		
7	30.39	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	34	Dull. = ⁰ at intervals.		
8	30.38	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	36	• early a. = ⁰ from 20 h.		
9	30.37	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	36	Dull and squally from 14 h.		
10	30.36	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	36	▲ ¹ 18 h. = ⁰ from 22 h.		
11	30.35	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	28	~ u. a. Very fine.		
12	30.34	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	34	~ u. a. • 18 h.—20 h.		
13	30.33	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	37	• till 11 h. Squally from 18		
14	30.32	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	43	• early a. = ⁰ 13 h.—20 h.		
15	30.31	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	30	a. Very fine till 15 h. = ⁰ 22		
16	30.30	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	35	= ⁰ 11 h.—20 h. 30 m.		
17	30.29	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	44	• 11 h.—13 h. Stormy from 18		
18	30.28	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	45	= ⁰ 11 h.—20 h. 30 m. [18		
19	30.27	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	37	• showers.		
20	30.26	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	35	• ▲ noon.		
21	30.25	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	35	= ⁰ a. and p.		
22	30.24	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	38	• till 6 h.		
23	30.23	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	40	• showers.		
24	30.22	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	36	• from 21 h.		
25	30.21	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	39	= ⁰ a. • • ~ 17 h.		
26	30.20	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	36	Stormy till 15 h.		
27	30.19	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	31	= ⁰ a. and p.		
28	30.18	30.46	31.6	30.4	41.2	29.0	1.1	1.8	153	126	85	73	NE	1	NW	1	0 ~ 1	0 ~ 1	—	—	39	= ⁰ n. • showers a. and p.		
M.	29.756	29.744	41.2	41.8	45.9	37.8	1.6	1.9	229	229	87	84	3.7	3.6	7.2	6.3	4.642	74	35.0					

STONYHURST, LANCASHIRE, a.—FEBRUARY 1911.

Height above Mean Sea Level, 375 feet. Heights above Ground:—Bar., -12 feet. Therms., 7 feet. Rain-gauge, 2 feet.

Long. 2° 28' W. Lat. 53° 51' N. Gravity Correction, +0.023 in. Time, Local mean time.

1	30°39	30°39	22°4	31°0	37°0	20°5	1°4	2°0	*127	63	72	—	—	2	—	2	0≡0	0	—	5°8	12	—.	Fine and sunny.
2	37	28	26°0	28°0	32°0	25°0	1°0	1°2	*107	76	76	—	—	2	—	1	0≡0	0≡0	—	0°2	17	—.	Fine.
3	26	27	26°2	37°5	41°0	25°0	1°0	2°5	*109	77	79	—	—	1	—	2	0≡0	10	—	1°6	21	—.	α. ≡ till 10 h.
4	28	20	39°6	39°0	40°6	36°5	4°0	4°0	*169	70	70	N	5	—	3	10≡0	10	—	—	27	—	Dull and cloudy.	
5	19	21	37°0	34°2	39°0	33°9	4°0	3°2	*149	68	70	NE	4	—	2	10	10	—	—	33	—	Fine and mild, but overcast.	
6	23	25	35°6	34°7	38°8	33°3	3°6	3°1	*144	68	71	—	3	—	2	10	10	—	—	32	—	Fine and mild, but overcast.	
7	26	28	33°3	37°0	41°0	28°5	3°3	2°2	*127	67	81	—	2	—	0	10	10	—	—	24	—	Fine and mild, but overcast.	
8	28	30	20°0	36°8	36°4	40°8	35°3	1°8	*184	85	79	—	1	—	1	10	10	—	—	33	—	Fine and mild, but overcast.	
9	30°03	29°79	35°0	35°5	37°0	34°3	3°7	2°8	*138	156	67	SW	4	WSW	8	9	10	—	—	31	—	Dull, cold, and cloudy.	
10	29°53	29°50	34°4	36°2	38°3	33°5	2°6	1°2	*149	75	89	SW	10	W	6	8	2	140	0°8	32	—	Fine α. ▲ 13 h., then ●.	
11	71	80	28°0	32°0	41°0	25°0	0°8	2°0	*128	84	75	—	1	—	2	2	5	—	6°2	20	—	Fine and sunny.	
12	89	29°95	33°0	39°0	43°0	25°5	1°3	2°2	*161	195	85	83	—	1	—	2	0	10	0°05	19	21	—	≡ early α. Fine p.
13	99	30°00	40°0	43°0	46°2	38°1	2°0	2°3	*207	228	84	82	SW	4	SSW	7	9	10	0°50	—	36	—	Dull and threatening.
14	99°7	29°89	40°5	42°9	43°3	39°7	1°6	0°9	*219	256	87	93	SW	7	SW	7	10≡	10≡	0°40	—	40	—	● ≡ all day.
15	30°04	30°01	39°0	40°0	43°8	36°0	2°0	3°8	*204	175	84	70	S	6	S	5	6	10	3°90	6°3	33	—	Calm, mild, and sunny.
16	29°66	29°46	45°3	48°5	49°5	37°7	1°0	1°5	*279	303	92	89	SW	11	SW	15	9	10≡	8°05	—	35	—	● all day.
17	61	29°48	46°8	50°5	55°5	45°0	3°3	1°5	*246	328	78	89	WSW	17	SW	18	7	10	0°10	5°8	44	—	Fine α. ● shower 17 h.
18	28°23	28°83	49°3	46°6	51°5	46°5	1°5	3°2	*313	245	90	78	SW	21	W	15	10	10≡	5°40	—	44	—	Overcast, with ● showers.
19	28°90	29°37	40°0	36°5	46°8	34°0	1°7	1°1	*213	195	86	91	W	17	W	7	10	0	0°60	3°9	33	—	▲ ● showers.
20	29°44	29°60	40°4	40°0	43°4	31°5	2°4	1°0	*203	226	81	92	SW	20	W	4	7	4	3°00	1°4	26	—	● shower 17 h.
21	42	04	39°0	52°5	52°6	37°0	1°0	2°0	*218	341	92	87	S	15	SW	14	10≡	10≡	1°100	—	33	—	● all day.
22	29°05	29°33	40°0	44°0	52°5	39°1	2°0	2°5	*207	234	84	81	W	21	WSW	18	10≡2	10≡	2°10	2°0	38	—	● showers. Sunny intervals
23	28°72	28°60	45°0	46°0	47°8	43°5	1°0	3°0	*275	244	92	79	S	32	W	22	10≡	10	3°40	1°1	38	—	Squally, with ● showers.
24	29°05	29°32	43°9	41°0	46°0	37°1	3°7	2°0	*210	215	73	84	W	21	SW	4	8	8	4°35	3°5	36	—	▲ ● showers.
25	07	25	46°0	41°4	48°8	38°0	1°8	2°8	*224	93	87	SW	11	WSW	10	8	0	5°20	1°8	35	—	▲ ● showers.	
26	41	71	41°6	39°0	44°3	36°3	4°4	2°5	*179	190	69	81	W	22	W	4	9	0	—	5°8	34	—	▲ ● showers.
27	29°50	29°16	39°3	48°5	48°5	33°7	2°3	0°9	*196	319	82	93	SE	12	SW	7	10	10	2°90	—	29	—	Cold and dark.
28	28°92	29°05	50°0	41°5	50°0	39°0	2°3	3°3	*302	197	84	75	SW	12	W	10	10	0	3°10	1°0	38	—	● 17 h.-19 h.
M.	29°693	29°688	38°4	40°1	44°1	34°6	2°2	2°2	193	208	80	81	10	7	7°6	7°1	6°235	49	31°1				

* Miles per hour.

† Beaufort Scale (0-12).

SHREWSBURY, SHROPSHIRE.—FEBRUARY 1911.

Height above Mean Sea Level, 190 feet. Heights above Ground:—Bar., 22 feet. Therms., 4 feet. Rain-gauge, 1 foot.

Long. 2° 45' W. Lat. 52° 43' N. Gravity Correction, +0.019 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.						
							Dep. of Wet.		Vapour Pressure.										Percentage.					
9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	ins.	hrs.							
1	ins.	ins.	30.54	30.56	17.4	22.8	39.0	15.5	0.2	0.0	.089	.122	94	100	S	1	Calm	0	0	—	18	—	1	Fine and sunny.
2	30.54	30.56	27.4	22.8	39.0	15.5	0.2	0.0	.089	.122	94	100	S	1	Calm	0	0	0	0	—	19	—	1	
3	30.55	30.57	27.0	24.0	37.2	20.7	0.2	0.0	.140	.129	95	100	E	1	Calm	0	5	0	0	—	19	—	1	
4	30.42	30.46	32.0	36.0	40.0	22.9	0.0	0.2	.182	.208	100	98	NE	1	Calm	0	10	1	10	—	19	—	1	
5	30.40	30.42	36.0	36.1	40.5	33.7	0.8	1.1	.197	.192	93	90	N	1	NW	1	8	10	10	—	19	—	1	
6	30.35	30.37	36.4	35.5	39.0	35.2	1.4	2.3	.189	.164	88	79	N	1	N	1	10	10	10	—	19	—	1	
7	30.41	30.43	35.4	37.0	41.2	33.6	1.4	2.5	.180	.174	87	79	WNW	2	WNW	2	10	10	10	—	19	—	1	
8	30.42	30.45	35.0	37.1	40.0	33.9	2.4	2.1	.157	.181	77	82	W	2	NE	1	10	10	10	—	19	—	1	
9	30.45	30.37	34.9	36.9	41.9	33.9	0.9	1.9	.185	.183	91	84	SE	1	SE	1	10	10	10	—	19	—	1	
10	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
11	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
12	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
13	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
14	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
15	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
16	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
17	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
18	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
19	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
20	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
21	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
22	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
23	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
24	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
25	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
26	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
27	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
28	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
29	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
30	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
31	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
32	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
33	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
34	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
35	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
36	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
37	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
38	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
39	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
40	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
41	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
42	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
43	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
44	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
45	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
46	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
47	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
48	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
49	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
50	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
51	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
52	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
53	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
54	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
55	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
56	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
57	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
58	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
59	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
60	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
61	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
62	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
63	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
64	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1	.156	.174	79	81	SE	1	SE	3	10	10	10	—	19	—	1	
65	30.22	29.96	34.9	36.1	37.2	32.9	2.0	2.1																

SOUTHAMPTON, HAMPSHIRE, a.—FEBRUARY 1911.

Height above Mean Sea Level, 64 feet. Heights above Ground :—Bar., 20 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.

Long. $1^{\circ} 24' W.$ Lat. $50^{\circ} 55' N.$ Gravity Correction, $+0.016$ in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.						Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Temp. on Grass.	Remarks.				
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	ins.		hrs.	Min.		
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.												
1	ins.	ins.	28.7	29.8	38.3	25.0	0.2	0.8	.153	.144	96	86	NE	1	NE	1	0.00 ⁰	0.00 ⁰	—	5.3	18	—	Fine.	
2	'67	'57	29.7	31.9	38.3	25.3	0.7	0.9	.146	.159	88	88	NE	1	NE	1	10.00 ⁰	10.00 ⁰	—	4.0	17	—	Fine.	
3	'48	'50	36.0	40.4	40.8	29.9	1.3	1.2	.188	.226	88	91	NE	1	NE	2	10	10	—	23	35	—	Dull and misty.	
4	'49	'44	40.0	40.0	43.4	37.4	1.8	1.1	.211	.224	86	91	NE	1	NE	1	7	10	—	0.4	25	—	Dull and misty.	
5	'45	'47	39.0	40.2	42.3	37.2	1.5	1.9	.209	.211	88	85	NE	1	NE	2	10	10	—	—	34	—	Damp mist a. Dull.	
6	'55	'60	36.4	36.0	40.3	35.8	2.1	2.2	.176	.172	82	80	NE	1	NE	1	10	10.00 ⁰	—	—	34	—	Dull and misty.	
7	'59	'59	35.2	36.0	38.1	34.5	2.1	1.8	.165	.179	80	84	NE	1	NW	1	10	0	—	—	28	—	Dull and misty. Fine n.	
8	'60	'54	38.0	37.9	41.3	32.3	2.7	2.7	.178	.178	77	78	NW	1	NE	1	6	10	—	2.0	20	—	Fine a. Dull p.	
9	30.39	30.16	36.9	37.8	39.7	35.5	1.8	3.5	.185	.164	85	71	E	2	SE	1	10	10.00 ⁰	—	—	21	33	—	Dull and misty.
10	29.93	29.88	38.5	41.2	43.4	33.5	3.2	0.7	.173	.244	74	95	SE	2	S	2	5	10	1.30	2.1	21	—	Fine to dull. ● from 18 h.	
11	30.06	30.15	36.3	35.0	46.0	34.1	1.4	1.4	.188	.176	88	86	NW	1	NW	2	0	10	—	6.8	27	—	Fine.	
12	'26	'34	34.3	40.7	46.5	26.9	2.1	2.3	.157	.208	79	82	NW	1	NW	1	0	10	—	4.8	14	—	Fine.	
13	'42	'45	39.0	40.1	45.6	37.3	1.2	2.9	.214	.192	90	77	NW	1	SW	1	10	10	—	—	33	—	Dull and misty.	
14	'46	'41	35.9	41.0	47.1	28.7	2.9	1.7	.158	.221	75	86	SE	1	SW	2	7=1	10	0.70	3.8	16	—	Fine.	
15	'42	'46	45.7	42.2	53.1	39.9	0.9	0.9	.287	.250	94	92	NW	1	SW	1	10	5	0.20	3.6	33	—	Fine.	
16	'27	'10	46.5	48.0	51.0	42.0	1.2	2.1	.288	.284	91	85	SW	1	SW	4	10	4	—	—	36	—	Dull and misty.	
17	30.07	30.10	51.0	48.1	57.6	47.7	4.5	0.8	.266	.316	71	94	NW	4	SW	2	2.00	10.00	—	6.8	43	—	Fine.	
18	29.87	29.53	49.7	50.0	52.9	47.0	1.2	2.1	.326	.307	92	85	SW	4	SW	7	10	9	1.80	0.3	39	—	Dull. ● showers n.	
19	'47	'27	46.0	37.8	51.8	37.8	4.5	1.6	.216	.196	70	87	W	3	NW	1	5	0	1.10	6.0	37	—	● showers a., then fine.	
20	'92	'30	40.6	38.5	50.1	32.0	1.9	1.8	.214	.198	86	86	NW	2	NW	2	0	0	0.20	6	23	—	Fine.	
21	'98	'24	44.2	48.0	48.1	34.2	1.7	0.5	.253	.322	87	97	SW	2	SW	5	10.0 ⁰	10.0 ⁰	200	—	22	—	● most of day. [14 h. 30 m.	
22	'69	'93	43.2	45.0	54.1	43.2	3.1	2.0	.215	.253	78	85	SW	4	SW	3	2	0	0.05	7.0	40	—	● showers gh. 30 m., noon, and	
23	'52	'30	46.0	48.3	52.6	44.8	1.4	3.7	.278	.253	90	75	SW	6	SW	6	10	10	23.0	1.0	38	—	● gh. 15 m.—14 h. Squally.	
24	'62	'83	45.5	44.1	52.1	40.5	4.3	2.9	.214	.227	70	77	NW	6	SW	2	2	10	1.80	6.9	36	—	Fine.	
25	'58	'29	47.6	50.2	47.1	57.2	43.6	0.6	3.0	.348	.254	96	79	NW	4	NW	2	0	0	0.10	7.5	40	—	● till 4 h. 30 m., and 8 h.—noon
26	'90	'30	41.4	45.8	41.3	50.1	41.1	5.9	1.9	.189	.221	62	85	S	2	SW	3	10.0 ⁰	10.0 ⁰	400	—	29	—	● most of day.
27	'94	'29	44.4	48.2	48.6	37.8	1.3	0.5	.262	.325	90	97	S	2	SW	3	10.0 ⁰	10.0 ⁰	400	—	29	—	● 8 h.—13 h. 30 m.	
28	29.50	29.48	48.9	47.0	51.1	46.0	0.9	1.8	.322	.280	94	87	SW	4	SW	3	10.0 ⁰	10.0 ⁰	240	0.1	47	—		
M.	30.135	30.132	41.1	41.5	47.2	36.8	2.1	1.8	.221	.228	84	85	2.2	2.3	6.6	6.4	1.845	77	30.4	—				

FALMOUTH, CORNWALL, a.e.—FEBRUARY 1911.

Height above Mean Sea Level, 167 feet. Heights above Ground :—Bar., 16 feet. Therms., 4 feet. Rain-gauge, 2 feet.

Long 5° 4' W. Lat. 50° 9' N. Gravity Correction, +.013 in. Time, Greenwich mean time.

[illegible]

* Miles per hour.

† Beaufort Scale (0-12).

ARMAGH, a.—FEBRUARY 1911.

Height above Mean Sea Level, 196 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.

Long. $6^{\circ} 39' \text{ W.}$ Lat. $54^{\circ} 21' \text{ N.}$ Gravity Correction, $+0.025 \text{ in.}$ Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.					
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.					9 h.	21 h.			
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.									9 h.	21 h.	
1	ins.	ins.	20.1	25.0	28.6	18.0	0.2	0.8	in.	in.	%	%	*	*	10	10	ins.	hrs.	°	Remarks.			
2	30.58	30.59	20.1	25.0	28.6	18.0	0.2	0.8	101	106	94	79	—	1	—	1	10	9	14	— a.			
3	56	50	32.0	27.3	38.6	22.1	0.2	0.3	177	139	97	94	—	2	ENE	4	10	9	23	Overcast.			
4	48	47	27.0	30.5	42.7	27.0	0.1	0.3	144	162	98	95	—	1	—	1	10	9	19	Fine. ≡ p.			
5	46	41	35.1	34.4	38.3	33.8	1.0	1.8	185	164	90	82	—	2	—	2	10	10	22	Overcast.			
6	40	34.0	33.8	36.9	33.8	1.4	1.8	168	156	85	81	—	1	—	1	10	10	—	22	Overcast.			
7	43	48	34.7	34.8	38.7	32.2	2.2	1.5	159	172	78	85	—	2	—	2	10	10	—	31	Overcast.		
8	48	47	35.0	37.0	42.1	33.9	1.8	1.7	168	187	82	85	—	2	—	3	10	10	—	32	Overcast.		
9	43	30.28	38.3	39.0	45.1	35.0	1.5	3.3	201	176	87	75	—	1	SSE	5	9	9	0.3	Cloudy.			
10	30.92	29.69	38.7	40.7	41.2	35.0	3.0	0.8	179	237	77	93	SSE	13	SSE	14	10	10	117	31	Overcast.		
11	52	81	41.0	34.0	47.8	34.0	0.3	1.3	250	170	98	86	SW	7	WSW	4	10	0	—	37	9	early. Fine.	
12	94	88	33.8	33.5	48.0	30.3	1.0	2.0	174	152	89	79	WSW	6	SW	5	0	0	—	8.2	26	1 a. Fine.	
13	98	29.98	37.5	45.3	48.0	31.8	2.0	3.3	186	212	83	76	SSW	8	S	12	10	10	0.43	3.5	24	Fine.	
14	30.00	30.00	45.0	45.5	48.5	42.0	1.4	1.0	266	282	89	93	S	13	SSW	12	9	10	120	0.2	40	° showers.	
15	30.05	29.05	45.2	42.5	51.4	42.4	0.0	1.2	301	246	100	99	SW	7	WSW	4	10	7	—	2.5	42	Fine.	
16	29.25	29.94	37.8	40.7	47.0	33.5	2.3	2.0	184	213	81	85	SW	5	S	15	0	10	0.65	5.8	30	1 a. Fine.	
17	29.64	52	51.0	51.7	52.1	38.5	1.3	1.0	341	357	91	93	SW	23	SW	16	10	10	0.10	—	38	Overcast.	
18	82	57	46.8	51.8	52.4	43.9	3.0	1.0	252	359	80	93	W	7	SW	16	10	10	—	0.4	42	Overcast.	
19	26	01	51.5	40.5	52.8	40.5	0.7	0.5	362	241	95	96	SW	18	SW	13	10	1	7.17	—	47	● noon-20 h.	
20	23	58	36.6	35.7	46.1	35.0	0.3	1.9	211	175	98	84	SW	7	SW	4	9	8	0.10	5.7	33	Fine.	
21	70	29.74	40.2	39.4	47.6	33.5	1.5	1.8	218	206	89	86	WSW	7	SW	5	10	10	163	2.4	25	Fine.	
22	30	29.33	41.3	44.7	52.3	34.4	2.8	1.5	206	262	79	89	S	15	SW	21	10	10	267	—	37	● showers.	
23	29.26	29.33	41.3	44.7	52.3	34.4	2.8	1.5	206	262	79	89	S	15	SW	21	10	10	317	6.3	40	3 a.	
24	28.68	28.82	47.0	41.5	49.3	41.0	3.0	3.0	253	202	79	78	SW	20	W	12	3	2	185	3.8	40	Squally.	
25	29.31	29.36	42.0	39.0	48.5	38.1	2.0	3.0	225	181	85	77	W	7	S	8	7	100	197	4.8	35	Fine day.	
26	16	32	47.1	42.0	51.8	38.2	0.4	3.5	315	199	97	75	SW	9	SW	12	100	100	177	3.7	38	Fine.	
27	69	83	40.7	38.4	48.0	34.8	3.5	3.1	187	174	74	75	W	7	SSW	5	0	10	100	4.4	32	Fine.	
28	29.36	13	46.0	49.2	52.5	38.4	0.4	0.4	301	340	97	98	SSE	13	SW	16	10	10	190	0.1	35	● showers.	
28	28.89	29.28	47.8	36.0	50.0	36.0	2.8	2.8	265	161	80	76	SW	19	W	6	7	4	100	1.8	46	● showers.	
M.	29.814	29.802	40.1	39.4	46.5	34.6	1.4	1.7	226	214	88	85	8	9	8.3	8.2	2.778	63	32.8				

MARKREE CASTLE, SLIGO, a.b.—FEBRUARY 1911.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.

Long. 8° 27' W. Lat. 54° 11' N. Gravity Correction, +.024 in. Time, Dublin mean time.

2	30°67	30°68	23°8	41°5	17°6	0°2	0°0	100	128	93	100	100	Calm	0	Calm	0	0	0	—	5°5	14	—	Bright.			
3	56	61	24°0	27°0	30°0	19°0	0°0	0°0	129	147	100	100	Calm	0	Calm	0	10≡	10≡	—	15	—	—	Very cold, with ≡.			
4	57	57	23°9	25°8	45°5	18°3	0°4	0°2	114	134	89	96	Calm	0	Calm	0	3	0	—	5°8	15	—	Bright.			
5	54	51	33°5	35°0	40°4	24°0	1°5	1°5	162	174	84	85	Calm	0	Calm	0	10	10	—	20	—	—	a. Dull.			
6	49	49	33°5	33°5	37°4	32°3	1°5	1°5	162	162	84	84	Calm	0	Calm	0	10	10	—	31	—	—	Overcast and cold.			
7	58	57	32°5	33°5	41°8	31°9	1°0	1°0	164	172	88	89	Calm	0	Calm	0	10	9	—	3°5	31	—	Fine and mild.			
8	52	58	33°0	27°0	45°2	26°2	1°0	0°7	167	123	89	85	Calm	0	Calm	0	10	5	—	2°6	28	—	Dull and mild.			
9	51	30°30	35°5	34°3	44°9	25°3	1°5	1°3	179	172	86	86	Calm	0	SE	2	10	0	—	0°7	21	—	Dull a.			
10	30°70	29°68	37°0	41°9	43°3	33°6	2°0	2°1	182	224	83	85	SE	4	S	4	10	10	17	30	—	—	Dull and squally. ● n.			
11	29°92	29°92	42°0	34°0	45°7	33°3	2°2	1°0	221	176	84	89	NW	2	Calm	0	8	3	0°4	47	37	—	Bright. ▲ showers.			
12	30°04	30°07	32°4	31°0	47°8	23°4	0°9	0°5	165	161	89	92	Calm	0	Calm	0	3	0	—	6°2	18	—	Fine.			
13	03	03	40°5	44°0	48°0	30°8	2°5	1°0	202	265	80	92	SE	3	S	3	10	10	11	0°5	26	—	● showers after 16 h.			
14	10	10	45°5	46°5	48°8	43°2	0°5	1°5	293	281	96	89	S	3	SSW	3	10≡	5	0°3	42	39	—	≡ a. ●			
15	30°34	29°21	42°5	41°0	53°5	40°0	0°5	0°0	261	257	96	100	Calm	0	NW	1	0	10	0°7	4°5	22	—	—	≡ a. Fine. ● showers n.		
16	29°78	29°99	29°9	45°0	47°4	27°5	0°3	1°0	154	275	95	92	Calm	0	S	2	0	6	13	—	43	—	—	from noon.		
17	93	70	50°0	50°0	54°7	44°8	1°0	5°0	334	245	93	68	S	3	WNW	3	100°	10	0°5	0°7	42	—	—	Squally.		
18	72	47°0	52°0	54°2	45°9	3°0	1°2	253	356	79	92	NW	2	S	3	9	1	45	—	48	—	—	●			
19	41	15	52°5	41°0	53°9	47°0	2°0	4°0	341	180	87	70	SW	3	SW	4	10	1	6°0	32	—	—	—	Fine. ▲ ²		
20	83	71	41°0	39°9	47°0	36°7	2°0	2°9	215	190	84	77	N	2	N	4	6	5	0°7	16	30	—	—	Fine.		
21	38	77	40°0	41°5	48°9	34°4	2°0	2°5	207	211	84	81	NW	1	SE	3	9	10	18	—	39	—	—	●		
22	29°39	35	40°0	44°0	55°9	40°5	0°5	2°0	348	244	97	84	S	4	Calm	0	100°	10	32	48	35	—	—	● showers. ▲		
23	28°80	04	43°8	48°0	48°6	37°3	2°0	3°0	207	263	84	79	SW	3	W	4	5	5	38	27	39	—	—	● showers.		
24	29°49	34	43°8	42°8	50°6	41°7	2°3	4°3	237	192	82	69	NW	2	SW	2	5	100°	30	2°4	35	—	—	● showers. / n.		
25	27	44	48°0	46°6	38°0	1°5	1°6	230	219	88	87	S	2	NW	5	10	1	28	5°0	40	—	—	—	▲ / n.		
26	89	85	44°0	44°0	51°3	40°0	1°0	3°0	309	224	93	77	S	3	SE	2	5	10	34	37	34	—	—	—	Fine and mild. ● n.	
27	29°44	17	43°0	48°5	47°5	37°0	3°0	2°8	215	199	78	78	NW	3	S	4	100°	6	23	—	38	—	—	—	● showers. ● n.	
28	28°98	29°45	50°0	53°9	39°9	0°6	3°0	307	286	96	80	SE	1	S	2	10	6	14	4°5	42	—	—	—	—	▲ showers.	
			47°0	40°0	51°2	3°0	4°0	253	172	79	69		SW	2	NW	4	10									
M.	29°923	29°896	39°1	39°2	47°4	33°6	1°4	1°9	218	248	88	85	1°5		1°9	7°6	6°5	3°77	70	31°6						

* Miles per hour.

† Beaufort Scale (0-12).

DUBLIN (PHENIX PARK), a.—FEBRUARY 1911.

Height above Mean Sea Level, 155 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 21' W. Lat. 53° 22' N. Gravity Correction, +0.22 in. Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.						Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sun- shine.	Min. Temp. on Grass.	Remarks.		
							Dep. of Wet.		Vapour Pressure.		Percentage.											
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	ins.		hrs.	°
1	ins.	ins.	20.1	24.1	36.5	18.5	0.6	0.5	in.	in.	%	%	—	0	—	0	0	ins.	—	5.2	15	Fine.
2	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
3	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
4	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
5	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
6	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
7	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
8	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
9	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
10	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
11	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
12	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
13	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
14	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
15	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
16	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
17	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
18	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
19	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
20	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
21	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
22	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
23	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
24	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
25	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
26	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
27	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
28	30.61	30.62	20.1	24.1	37.8	23.9	0.4	0.2	1.087	1.09	80	86	—	0	—	0	0	—	—	5.2	19	Overcast.
M.	29.921	29.907	41.2	40.7	48.1	34.6	1.2	1.2	242	237	90	90	8	7	7.4	6.9	1.381	81	33.0			

BIRR CASTLE, KING'S COUNTY, a.b.—FEBRUARY 1911.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar., —2 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 7° 55' W. Lat. 53° 6' N. Gravity Correction, +0.21 in. Time, Dublin mean time.

1	30.58	30.60	21.2	25.6	36.7	18.1	0.9	1.6	.083	.089	74	64	Cal	0	Cal	0	10	10	—	—	Overcast, with ☁.
2	.58	.54	31.9	27.8	32.8	22.8	1.2	.08	.153	.127	84	84	Cal	0	Cal	0	10	10	—	—	Overcast, with ☁.
3	.48	.46	28.8	38.7	39.3	27.2	1.9	1.7	.107	.202	68	86	N	1	ESE	1	10	10	—	—	Overcast, with ☁.
4	.46	.43	36.8	37.8	40.7	33.0	0.9	1.6	.195	.196	92	87	ENE	2	SE	2	10	10	—	—	Overcast.
5	.41	.47	35.1	34.8	38.8	33.8	1.1	.08	.183	.186	89	92	SE	2	Cal	0	10	10	—	—	Overcast.
6	.45	.49	36.6	37.2	41.7	33.9	1.9	1.2	.182	.198	84	89	SE	1	SE	1	10	10	.031	1.1	Cloudy and overcast.
7	.50	.51	36.7	37.9	40.7	34.8	0.9	2.1	.200	.188	92	82	SSE	2	Cal	0	10	10	—	—	☉ showers n. Overcast.
8	30.45	30.29	35.0	35.1	45.7	32.4	0.9	1.1	.186	.183	91	89	SSE	2	SSE	2	7	10	—	3.1	Cloudy.
9	29.96	29.75	41.0	40.1	44.9	34.0	0.3	1.2	.250	.223	98	90	S	4	S	6	10	10	.101	—	Overcast and cold.
10	.64	29.88	41.8	32.6	46.7	29.9	1.7	2.4	.229	.136	87	73	W	2	W	1	10	7	—	5.5	☉ showers in past n.
11	29.99	30.02	30.8	32.0	47.4	27.1	.08	1.1	.152	.155	88	86	Cal	0	Cal	0	8	10	—	7.5	—
12	30.03	.03	38.9	44.9	48.7	29.0	2.1	1.6	.196	.261	84	88	SW	1	S	2	8	10	—	.09	Cloudy.
13	.06	.07	47.0	46.9	49.7	42.8	0.7	2.2	.306	.269	95	85	S	2	SW	4	10	10	.190	—	☉ showers n. Overcast.
14	.05	.13	47.0	42.9	49.5	41.4	0.7	1.1	.306	.253	95	91	SW	2	SW	2	10	10	.196	—	Overcast, with ☁.
15	30.29	30.01	30.9	47.7	48.7	26.9	0.9	0.9	.150	.309	87	94	W	2	S	3	8	10	.040	5.0	—
16	29.84	29.68	50.9	52.5	53.7	45.8	1.9	2.4	.324	.331	87	84	SW	4	W	6	10	10	.140	—	Overcast, with ☁.
17	.95	.75	51.9	52.8	53.8	43.8	1.6	1.6	.344	.355	89	88	WSW	2	W	6	3	9	.004	3.0	Cloudy.
18	.45	.17	53.0	45.2	53.0	40.8	1.2	1.1	.369	.275	92	92	WSW	6	W	3	10	10	.420	—	Overcast, with ☁.
19	.29	.65	39.0	39.9	46.7	36.7	1.1	2.3	.216	.201	91	82	WSW	2	SW	2	7	10	.016	6.8	☉ in past n.
20	.83	.80	36.9	42.2	46.9	40.0	1.2	2.2	.196	.223	90	84	SW	3	SW	2	10	10	.078	3.3	Cloudy.
21	.42	.09	52.8	53.1	56.9	41.2	1.3	1.1	.364	.373	91	92	S	3	SW	5	10	10	.274	—	☉ showers.
22	29.45	29.50	41.1	46.9	53.1	36.8	1.6	2.4	.224	.265	87	84	SW	3	WSW	6	8	10	.292	6.2	☉ showers.
23	28.87	28.96	47.9	43.9	48.7	40.2	2.4	2.8	.276	.227	84	79	WSW	6	W	6	8	10	.121	3.4	☉ showers.
24	29.54	29.32	44.3	42.9	47.7	39.4	3.8	1.9	.213	.235	72	85	WSW	3	SW	3	4	10	.153	3.5	Cloudy, with ☁.
25	.31	.49	51.9	46.8	51.9	41.6	2.0	1.1	.334	.294	87	92	W	6	SW	6	10	10	.056	2.5	☉ showers.
26	.87	.85	42.8	41.7	53.3	37.8	3.0	1.6	.213	.230	78	88	W	3	S	3	1	10	.373	3.3	☉ showers n. Cloudy.
27	.44	.23	51.9	52.9	54.6	40.4	.08	2.8	.364	.326	95	82	WSW	2	SW	3	10	10	.112	0.1	Overcast, with ☁.
28	29.02	29.45	48.7	38.9	52.9	36.6	3.4	2.0	.264	.198	77	85	SW	3	WNW	4	4	9	.094	3.4	☉ showers.
M.	29.900	29.880	41.1	41.5	47.4	34.9	1.5	1.7	.235	.232	87	86	2.5	2.8	8.4	9.8	2.691	59	—		

* Miles per hour.

† Beaufort Scale (0—12)

DAILY READINGS AT STATIONS OF THE FIRST AND SECOND ORDERS, 1911.

DEERNES, ORKNEY, a.b.—MARCH 1911.

Height above Mean Sea Level, 160 feet. Heights above ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45' W. Lat. 58° 56' N. Gravity Correction, +0.36 in. Time, Greenwich mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
							Dep. of Wet.		Vapour Pressure.										Percentage.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
1	ins.	ins.	35.8	45.0	45.3	32.5	2.4	2.2	1.66	2.49	79	84	W	39	WSW	28	6▲	0	ins.	hrs.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—</

FORT WILLIAM, INVERNESS-SHIRE, a.—MARCH 1911.

Height above Mean Sea Level, 170 feet. Heights above Ground:—Bar., —120 feet 3 inches. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 7' W. Lat. 56° 49' N. Gravity Correction, +031 in. Time, Greenwich mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.								
							Dep. of Wet.		Vapour Pressure.										Percentage.							
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.							
1	ins.	ins.	40.0	49.6	49.6	36.5	2.2	3.9	203	264	82	74	W	4	SW	†	ins.	hrs.	°	Squally, with θ^0 p.						
2	29.69	29.61	40.0	49.6	49.6	36.5	2.2	3.9	203	264	78	93	W	4	W	2	3	100 \equiv 0	—	—	—					
3	29.70	29.62	46.0	44.0	50.0	42.3	3.1	0.9	242	267	78	93	SW	3	SSW	2	2	10 \equiv 0	—	—	—	Fine p.				
4	29.71	29.63	47.0	43.5	50.7	42.1	0.0	2.9	223	221	100	78	SE	3	SE	2	1	—	—	—	—	Fine and sunny.				
5	29.95	30.05	41.8	38.8	48.1	38.5	3.8	2.0	191	197	73	84	W	3	0	5	10	—	—	—	—	Fine and sunny.				
6	30.05	29.87	41.0	43.0	43.0	30.8	1.2	1.9	172	217	87	85	Calm	0	WSW	2	9	10	—	—	—	—	* θ^0 a. Fine p.			
7	29.83	30.11	34.0	36.5	42.0	33.0	0.2	1.6	192	186	93	86	Calm	0	E	1	10	0	—	—	—	—	Fine.			
8	30.26	30.04	31.0	39.0	47.0	26.3	0.4	2.7	163	186	93	79	E	1	SW	2	1	10	100 \equiv * θ^0	—	—	—	—	Fine.		
9	29.80	29.66	42.8	37.0	50.0	36.3	1.3	0.4	247	212	90	96	SW	3	SW	2	9	—	—	—	—	—	—	Fine.		
10	77	84	40.8	40.0	46.6	35.0	3.8	2.5	182	198	71	80	S	1	SW	3	7	7	—	—	—	—	—	Fine.		
11	51	49	41.5	37.5	42.8	35.7	1.7	2.9	227	171	87	76	SW	8	SW	3	10	5	—	—	—	—	—	SW θ^0 a. θ^0 at times.		
12	69	60	36.2	39.2	44.3	37.0	1.2	0.6	191	228	89	95	SW	2	S	3	10 \equiv 0	10 \equiv 0	—	—	—	—	—	—	Unsettled, with * θ^0 and θ^0 .	
13	47	56	38.0	35.9	43.8	31.5	3.8	2.9	160	158	69	75	NW	2	SW	1	2	10	—	—	—	—	—	—	Sunny intervals.	
14	69	87	37.6	36.2	40.0	32.6	4.6	3.2	145	156	64	73	NE	5	NE	5	1	3	—	—	—	—	—	—	Sunny intervals.	
15	84	78	38.6	36.7	44.0	35.3	3.6	4.0	168	147	72	68	E	1	ENE	3	8	10	—	—	—	—	—	—	Sunny intervals.	
16	72	68	40.0	36.2	44.0	35.4	4.0	1.6	172	184	69	86	NE	3	E	2	8	6	—	—	—	—	—	—	Fine and sunny.	
17	75	29.80	38.0	38.2	44.8	33.3	1.3	1.9	203	193	89	84	NE	3	NE	3	8	3	—	—	—	—	—	—	Fine and sunny.	
18	29.87	29.85	39.0	39.2	44.0	35.1	3.0	3.4	181	176	77	75	NE	6	NE	6	5	9	—	—	—	—	—	—	Fine and sunny.	
19	30.11	12	39.3	36.5	40.8	35.4	4.3	2.5	162	170	68	78	NE	6	NE	1	5	10 \equiv 0	—	—	—	—	—	—	Fine and sunny.	
20	30.08	30.03	36.4	38.2	40.0	33.0	4.2	4.5	142	152	66	65	NE	4	ESE	4	9	5 \equiv 0	—	—	—	—	—	—	Fine and sunny.	
21	29.96	29.94	44.0	46.9	39.9	5.2	2.2	185	195	64	83	Calm	0	ENE	3	3	0	0	—	—	—	—	—	—	Fine and sunny.	
22	29.93	29.91	36.7	34.8	52.2	29.7	3.4	2.8	172	150	73	73	Calm	0	Calm	0	0	0	—	—	—	—	—	—	—	Cloudless and very sunny.
23	30.02	30.13	36.9	33.1	48.8	25.9	3.7	1.2	153	164	71	87	Calm	0	Calm	0	0	0	—	—	—	—	—	—	—	Cloudless and very sunny.
24	23	25	40.0	35.0	47.5	28.1	3.3	3.0	184	148	74	72	Calm	0	E	3	0	1	—	—	—	—	—	—	—	Mostly cloudless.
25	21	20	40.7	42.3	48.0	30.1	4.9	3.8	164	196	64	73	NE	4	NE	4	1	9	—	—	—	—	—	—	—	Sunny a. Cloudy p.
26	38	44	41.9	40.8	46.0	37.0	6.1	4.0	156	180	59	74	NE	6	NE	1	3	10	—	—	—	—	—	—	—	Fine and sunny all day.
27	41	34	42.3	40.0	48.0	39.8	3.6	4.0	199	172	74	69	NE	4	NE	2	8	2	—	—	—	—	—	—	—	Alternate sun and clouds.
28	25	30.13	43.2	39.8	47.0	32.1	5.2	2.6	179	195	64	80	NE	5	NE	3	4	1	—	—	—	—	—	—	—	Sunny and very dry.
29	30.02	29.98	44.0	39.4	50.0	32.8	5.0	2.9	188	186	65	78	ENE	3	Calm	0	4	0	—	—	—	—	—	—	—	Fine and sunny.
30	29.92	86	45.0	45.0	54.9	33.0	5.0	4.0	197	214	66	72	S	1	S	3	10	0	—	—	—	—	—	—	—	Fine and sunny.
31	81	79	40.7	44.6	50.0	36.5	0.8	1.9	237	252	93	86	NE	3	NE	4	10	0	—	—	—	—	—	—	—	θ^0 \equiv 0 a. Sunny p.
31	29.90	29.96	46.8	41.0	51.3	39.7	3.8	2.0	235	215	74	84	NE	4	NE	2	8	0 ∞	—	—	—	—	—	—	—	Fine and sunny.
M.	29.935	29.940	40.2	39.3	46.6	34.4	3.2	2.6	191	192	76	79	2.9	2.5	5.7	5.1	4.58	—	—	—	—	—	—	—	—	—

DUNDEE, FORFARSHIRE, c.d.—MARCH 1911.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 9 inches. Rain-gauge, 1 foot.
Long. 2° 56' W. Lat. 56° 28' N. Gravity Correction, +030 in. Time, Greenwich mean time.

1	29.52	29.62	38.5	44.6	47.4	35.0	2.5	1.1	185	270	80	92	W	5	SW	8	5≡0	10	12	—	—	≡0 till 16 h.	16 h. till n.		
2	58	59	43.8	40.0	50.2	41.5	2.3	2.5	237	255	82	83	W	5	SW	1	5	10	—	—	—	Sunny till 17 h., then dull.			
3	85	82	49.5	45.5	52.4	43.7	2.0	1.7	304	266	87	88	SW	3	SW	1	10	10	—	—	—	Cloudy till noon.			
4	76	84	42.0	39.7	47.5	39.2	2.2	2.5	221	196	84	80	W	1	NW	1	10	10	—	—	—	Fine till 17 h., then dull.			
5	95	77	37.0	40.2	45.5	32.5	2.4	1.3	175	222	80	90	W	1	SW	1	10	10	10	10	—	Fine till 17 h., then dull.			
6	29.63	89	39.2	40.2	43.0	37.5	0.3	3.2	234	187	97	75	SW	1	SW	3	10●	10	10	10	10	—	Dull and cloudy.		
7	30.09	83	38.0	37.8	46.9	32.0	3.0	2.1	173	188	97	83	NW	1	NW	1	0	10	10	10	10	10	Fine till 17 h., then dull.		
8	29.70	58	39.2	40.4	50.0	36.8	1.0	1.0	220	230	92	92	SW	1	SW	1	10	10	10	10	10	10	Dull till 10 h. and from 15 h.		
9	55	72	39.0	37.0	47.2	34.0	2.5	2.8	190	168	81	77	W	1	NW	1	5	5	—	—	—	Fine.			
10	40	30	40.5	41.6	45.2	34.2	2.5	1.8	202	226	80	86	SW	5	SW	5	10	10	10	10	10	10	11 h.-17 h.		
11	58	45	37.5	39.0	46.0	33.0	2.5	1.0	177	218	79	92	SW	5	SW	5	5	5	5	5	5	5	2 h.-2 h. 30 m.		
12	31	33	38.0	35.0	43.5	33.8	1.8	3.0	194	148	85	72	W	3	NW	1	5	5	5	5	5	5	Cloud and sunshine.		
13	42	59	34.2	34.2	41.0	32.7	1.0	2.2	154	89	78	NE	5	NE	8	5	5*0	5	5	5	5	5	5	0 6 h.-9 h. from 10 h.	
14	63	52	37.2	34.2	41.6	32.6	3.0	1.4	166	170	76	85	N	3	NE	3	5	5	10	10	10	10	10	Dull and cloudy.	
15	48	52	40.0	36.0	44.6	34.0	2.0	1.0	207	193	84	91	N	3	N	3	5	5	10	10	10	10	10	13 h.-15 h.	
16	60	63	39.0	35.2	44.3	34.5	1.0	0.4	218	198	92	96	E	5	NE	5	10	10	10	10	10	10	10	7 h.-8 h. and 18 h.-19 h. 30 m.	
17	76	29.95	40.2	37.5	43.0	34.0	2.2	1.0	205	205	83	92	NE	5	E	5	10	10	10	10	10	10	10	18 h.-20 h.	
18	99	30.01	38.2	35.0	39.2	32.6	1.5	2.0	201	164	88	80	NE	5	E	5	10	10	10	10	10	10	10	10 h.-16 h.	
19	98	29.95	36.0	36.0	39.8	31.9	2.0	1.5	175	184	82	87	SE	5	SE	5	10	10●	10	10	10	10	10	10	10 h. till n.
20	91	87	37.2	38.5	39.0	34.2	1.0	0.7	202	219	91	94	E	3	E	3	10	10	10	10	10	10	10	Dull and cloudy.	
21	85	29.83	37.8	36.8	39.5	35.2	2.3	1.8	184	184	85	85	E	1	E	1	10	10	10	10	10	10	10	Dull and cloudy.	
22	29.94	30.06	37.8	37.8	41.2	35.0	1.8	2.4	186	182	85	80	E	1	E	1	10	10	10	10	10	10	10	Dull and cloudy.	
23	30.13	12	37.8	36.2	39.9	35.6	2.1	1.2	188	191	83	89	E	1	E	1	10	10	10	10	10	10	10	Dull and cloudy.	
24	07	02	40.2	39.2	47.8	31.0	2.5	1.0	200	220	81	92	N	1	NE	3	0	10	10	10	10	10	10	10	Fine till 17 h., then dull.
25	22	26	40.5	37.0	43.8	33.4	2.5	2.0	202	182	80	83	NE	3	NE	1	5	5	—	—	—	—	—	—	Fine.
26	22	30.17	42.5	38.8	44.9	36.3	2.0	2.8	230	183	85	78	NE	5	NE	4	10	10	10	10	10	10	10	10	Dull and cloudy.
27	30.11	29.99	40.5	38.2	42.8	36.7	1.5	0.4	220	222	88	97	NE	5	NE	1	10	10	10	10	10	10	10	10	Dull and cloudy.
28	29.92	90	39.0	37.0	46.0	35.2	1.0	0.8	218	204	92	93	E	1	SE	1	10	10	10	10	10	10	10	10	Fine.
29	88	80	39.2	38.5	43.2	36.0	1.7	0.9	207	215	86	92	E	1	E	1	10	10	10	10	10	10	10	10	Dull and cloudy.
30	71	69	39.0	37.5	43.0	36.5	0.5	0.5	228	214	96	95	NE	1	SE	1	10	10	10	10	10	10	10	10	Dull till 13 h. Cloud and sunshine.
31	29.78	29.86	43.5	36.5	46.5	35.5	1.0	1.0	260	197	92	92	NE	5	E	1	10	10	10	10	10	10	10	10	Dull till noon. Cloud and sunshine.
M.	29.796	29.805	39.4	38.3	44.4	35.0	1.9	1.6	206	202	85	87	2.9	2.6	7.9	9.2	1.14	—	—	—	—	—	—	—	—

† Beaufort Scale (0-12).

GLASGOW, LANARKSHIRE, a.—MARCH 1911.

Height above Mean Sea Level, 180 feet. Heights above Ground:—Bar., 4 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 4° 18' W. Lat. 55° 53' N. Gravity Correction, +029 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.						Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.		
							Dep. of Wet.		Vapour Pressure.		Percentage.											
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	ins.		hrs.	
1	ins.	ins.	40.7	45.5	47.4	35.4	2.0	0.5	in.	in.	%	%	*	*					ins.	hrs.	Squally.	
2	29.60	29.51	40.7	45.5	47.4	35.4	2.0	0.5	213	293	85	96	W	11	SW	16	90	100	367	3.3	32	● early a. Fine and clear.
3	75	95	47.9	45.0	50.5	45.0	4.3	0.6	237	292	72	96	W	16	SW	4	7	100	120	5.1	42	● a.
4	84	79	47.9	46.4	50.5	45.4	1.0	1.9	309	271	93	87	SW	13	W	12	100	106	706	0.4	44	● early a. Fine.
5	77	87	42.4	39.4	39.2	31.1	2.0	2.0	208	201	77	84	W	6	W	4	10	2	006	5.2	46	● early a. Fine.
6	29.60	74	37.8	40.4	44.8	34.3	2.4	2.0	182	211	80	84	W	4	SW	5	900	900	054	1.1	29	Cloudy.
7	30.07	93	39.1	40.1	42.3	38.5	0.5	2.9	229	192	96	77	S	4	NW	7	1000	10	004	—	37	● early a. Dull, with ∞.
8	29.68	93	37.2	38.1	43.4	31.8	3.2	1.9	163	193	74	84	—	2	SW	4	1000	10	013	1.7	23	Clear a.
9	29.68	53	41.4	42.6	47.5	37.5	3.8	3.3	244	206	94	76	SW	10	S	8	1000	10	012	2.6	31	● early a. ☐ 19 h. 30 m.
10	61	74	41.9	38.8	45.1	37.0	4.5	2.1	182	196	69	84	W	8	SW	7	4	4	—	8.4	33	Fine and clear.
11	46	36	42.1	40.1	44.5	37.9	2.7	2.6	215	197	80	79	SW	17	W	10	9	9	019	1.5	33	Dull and squally. ● 19 h.
12	37	51	40.1	40.1	45.9	35.8	2.7	1.2	195	223	78	90	W	9	SW	11	3	100	187	4.7	31	Fine a. ● showers from 18 h.
13	32	37	38.9	35.3	44.2	35.2	2.3	1.6	193	142	83	68	W	10	N	4	5	900	—	6.2	35	● early a. Clear a.
14	46	66	39.3	37.1	41.4	33.1	5.3	4.9	147	136	61	61	N	12	N	4	2	2	—	8.8	28	Fine and clear.
15	63	57	40.4	36.9	42.4	35.3	6.9	3.7	133	153	53	71	NNW	5	NNE	5	8	9	020	2.0	28	Cloudy and squally a.
16	47	47	41.9	38.2	44.1	34.6	4.3	2.8	185	178	70	77	NE	10	NE	7	9	10	058	2.4	32	Fine, but cloudy.
17	54	60	38.9	39.5	43.9	36.4	1.4	3.4	210	178	90	74	NE	10	NE	7	9	3	046	4.4	31	▲ 11 h. 30 m.—12 h. 30 m.
18	62	83	39.5	37.5	42.8	36.4	2.2	1.3	200	198	82	88	ENE	21	ENE	15	9	10	006	2.1	33	● early a. ▲ shower 19 h.
19	88	92	37.2	36.0	41.3	35.7	1.2	2.8	198	161	89	76	ENE	15	E	10	7	9	006	2.1	33	Dull and cloudy.
20	85	85	37.2	35.4	40.1	34.2	2.6	2.1	173	167	79	81	E	15	E	10	6	3	—	2.6	32	Fine, but cloudy.
21	77	78	38.6	39.5	41.7	35.2	1.7	1.9	201	205	86	85	ENE	12	E	9	1000	9	—	—	32	Dull.
22	80	77	38.6	38.3	40.4	36.9	3.3	3.1	173	173	74	75	E	12	E	8	1000	10	—	0.2	32	Dull, with ∞.
23	29.84	29.96	38.3	39.7	41.7	36.9	3.1	3.2	173	184	75	75	E	9	ENE	10	1000	10	—	—	36	Overcast.
24	30.05	30.05	38.7	37.8	40.9	37.2	2.7	3.7	184	161	79	70	NE	8	ENE	10	1000	10	—	—	36	Overcast.
25	02	00	40.7	43.0	48.8	34.1	3.5	4.4	187	191	74	69	NE	10	N	10	6	9	—	6.3	28	Fine and clear a.
26	17	26	41.1	36.0	45.1	35.0	0.1	3.1	148	156	58	73	NE	11	E	4	5	2	—	8.9	34	Fine.
27	18	30.12	43.6	38.5	45.1	35.0	5.0	1.1	186	211	65	91	NE	7	ENE	10	9	100	080	0.2	25	● showers 12 h.—21 h. 30 m.
28	30.05	29.92	41.2	39.5	44.3	36.1	3.2	2.0	196	204	76	84	NE	14	NE	10	6	100	038	2.6	30	Dull and cloudy.
29	29.84	81	39.9	38.4	45.5	37.1	2.3	2.2	201	190	82	83	ENE	10	E	10	800	9	—	3.5	34	● 0 h.—6 h. 30 m.
30	79	72	39.7	39.5	41.7	36.3	2.7	1.5	192	212	78	88	E	12	E	7	10	10	050	—	31	Overcast.
31	63	62	40.5	41.6	45.0	38.0	1.3	1.0	224	242	90	93	ENE	10	E	10	10	10	—	0.2	37	● 4 h.—7 h. Dull.
	29.72	29.81	43.5	40.6	45.7	40.0	2.3	2.1	233	211	82	84	E	12	E	6	10	9	—	—	39	Overcast.
M.	29.759	29.772	40.5	39.5	44.4	36.7	2.9	2.4	197	198	78	81		10		8	7.7	7.9	1.156	87	33.0	

DOUGLAS, ISLE OF MAN, a.—MARCH 1911.

Height above Mean Sea Level, 277 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 10 inches.
Long. 4° 28' W. Lat. 54° 10' N. Gravity Correction, +024 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.					
							Dep. of Wet.		Vapour Pressure.										Percentage.				
9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	ins.	hrs.	°					
1	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
2	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
3	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
4	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
5	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
6	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
7	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
8	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
9	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
10	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
11	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
12	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
13	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
14	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
15	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
16	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
17	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
18	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
19	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
20	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
21	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
22	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
23	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
24	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
25	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
26	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
27	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
28	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
29	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
30	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
31	29.66	ins.	42.0	45.4	47.9	38.2	2.5	0.4	216	294	82	97	W	6	SW	6	0	100	293	6.5	35	Squally. 18 h.—23 h.	
M.	29.642	29.657	41.9	40.5	46.8	37.3	2.5	2.0	217	215	81	84	4.3	3.4	6.3	5.7	1.077	150	34.3				

STONYHURST, LANCASHIRE, a.—MARCH 1911.

Height above Mean Sea Level, 375 feet. Heights above Ground:—Bar., —12 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 2° 28' W. Lat. 53° 51' N. Gravity Correction, +023 in. Time, Local mean time.

1	29 ⁵⁸	29 ⁶⁷	42 ⁷	43 ⁸	46 ⁶	38 ⁵	2 ⁷	1 ⁶	218	250	80	88	W	14	SW	10	5	100	590	7 ⁵	35	Fine day. ● 20 h.—24 h.
2	29 ⁵⁸	29 ⁶⁷	42 ⁷	43 ⁸	46 ⁶	38 ⁵	2 ⁷	1 ⁶	218	250	80	88	WSW	19	SW	4	7	100	310	3 ²	41	Fair but cloudy.
3	29 ⁵⁸	29 ⁶⁷	42 ⁷	43 ⁸	46 ⁶	38 ⁵	2 ⁷	1 ⁶	218	250	80	88	W	14	SW	10	100	560	0 ²	44	● 20 h.—22 h.	
4	29 ⁵⁶	29 ⁶⁵	41 ⁶	40 ⁵	45 ²	39 ²	0 ⁷	4 ⁰	294	172	95	69	SW.	13	NW	10	100 ³	0	010	14	34	Fine afternoon.
5	29 ⁵⁸	29 ⁶⁷	42 ⁷	43 ⁸	46 ⁶	38 ⁵	2 ⁷	1 ⁶	218	250	80	88	—	1	—	1	8	50	093	5 ⁰	25	— a. Fine.
6	29 ⁴⁴	29 ⁵³	40 ⁴	44 ⁸	34 ⁵	30 ⁵	2 ²	2 ⁴	170	203	83	81	SW	4	NNE	7	10	100	—	0 ⁹	31	● 8 h.—10 h. Cloudy.
7	29 ⁴⁸	29 ⁵⁷	41 ⁶	43 ⁸	45 ⁰	37 ⁰	3 ⁰	1 ⁸	197	194	77	85	NNE	5	—	2	8	10	025	1 ⁰	36	Dull a.
8	29 ⁶⁵	29 ⁷⁴	43 ⁸	42 ⁸	35 ⁰	3 ⁰	1 ⁷	1 ⁰	202	249	86	92	SW	4	W	4	100	100	480	—	30	≡ 0 all day.
9	29 ⁴⁵	29 ⁵⁴	40 ⁴	44 ⁸	34 ⁵	30 ⁵	2 ²	2 ⁰	204	182	79	83	WNW	10	—	3	8	0	—	8 ⁰	33	Sunny intervals. ▲ 17 h.
10	29 ⁵⁵	29 ⁶⁴	40 ⁴	44 ⁸	34 ⁵	30 ⁵	2 ²	2 ⁰	208	215	80	84	SW	12	SSW	15	7 [≡]	10	050	0 ⁴	29	Fine but cloudy.
11	29 ⁴⁹	29 ⁵⁸	41 ⁶	43 ⁸	45 ⁰	37 ⁰	3 ⁰	1 ⁵	194	212	75	88	W	9	—	3	5	6	015	7 ⁴	32	Bright and sunny.
12	29 ²⁸	29 ³⁷	42 ⁷	42 ⁰	36 ⁵	1 ⁷	2 ⁸	2 ³	231	172	87	77	SW	14	N	4	10	8	198	—	33	● 10 h.—13 h., then fair.
13	29 ¹⁴	29 ²³	43 ⁷	42 ⁰	35 ⁵	4 ⁰	3 ⁸	1 ⁴	149	152	68	69	NW	14	NW	7	4	6	—	6 ⁰	24	Fine all day.
14	29 ³⁷	29 ⁴⁶	43 ⁷	42 ⁰	34 ³	5 ⁰	3 ⁵	1 ³	137	160	61	72	N	15	WNW	8	6	10	—	4 ⁸	29	▲ shower 20 h.
15	29 ¹⁷	29 ²⁶	43 ⁷	42 ⁰	33 ⁵	3 ⁰	3 ⁰	1 ⁷	165	75	75	75	N	7	N	6	8	5	030	1 ⁵	27	▲ early a. Fine.
16	29 ²⁶	29 ³⁵	43 ⁷	42 ⁰	36 ⁵	2 ⁵	4 ⁰	1 ⁸	185	157	80	68	—	3	NNW	4	1	10	050	6 ⁵	31	Fine all day.
17	29 ²⁹	29 ³⁸	43 ⁷	42 ⁰	34 ⁵	1 ⁴	2 ⁷	1 ⁸	189	178	88	77	—	2	E	9	10 [≡]	10	050	0 ⁶	30	▲ 17 h. Sunny intervals.
18	29 ⁵⁷	29 ⁶⁶	43 ⁷	42 ⁰	35 ³	2 ⁰	2 ¹	1 ⁹	199	179	84	82	E	11	E	13	9	10	010	0 ⁹	33	Cold wind. ● shower 20 h.
19	29 ⁶¹	29 ⁷⁰	43 ⁷	42 ⁰	35 ⁰	2 ⁸	2 ²	1 ⁷	175	77	81	NNE	E	6	NNE	9	10	10	—	0 ⁸	34	Overcast and very cold.
20	29 ⁵²	29 ⁶¹	43 ⁷	42 ⁰	36 ⁵	1 ⁶	2 ⁶	2 ⁰	171	87	78	NE	NE	12	NNE	6	10	5	—	3 ⁴	35	Dull a.
21	29 ⁴⁹	29 ⁵⁸	43 ⁷	42 ⁰	38 ⁹	3 ⁴	2 ⁶	1 ⁸	184	187	74	80	NE	14	NE	7	8 [≡]	10	—	3 ⁴	32	Sunny through cir. from N.
22	29 ⁵⁹	29 ⁶⁸	43 ⁷	42 ⁰	44 ²	2 ⁷	2 ³	2 ⁰	202	202	79	82	NE	8	NE	9	8 [≡]	10	—	1 ¹	33	Fine, then cloudy and mist.
23	29 ⁷⁸	29 ⁸⁷	44 ⁰	43 ⁷	44 ⁸	2 ⁰	3 ⁷	2 ⁰	207	160	84	71	NE	10	NE	9	10	10	040	1 ⁹	33	Very cold wind. ▲ 20 [≡] 22 [≡]
24	29 ⁷⁵	29 ⁸⁴	44 ⁰	43 ⁷	47 ⁰	4 ⁰	3 ⁷	1 ⁸	185	70	72	NE	9	N	9	7	4	8	—	7 ³	32	Fine and sunny. ▲ 20 [≡]
25	29 ⁸³	29 ⁹²	44 ⁰	43 ⁷	47 ⁰	4 ⁰	3 ⁷	1 ⁸	185	70	72	NE	9	NNE	6	5	2	0	6 ²	30	Fine, but very cold. ▲ 20 [≡]	
26	29 ⁸⁷	29 ⁹⁶	44 ⁰	43 ⁷	47 ⁰	4 ⁰	3 ⁷	1 ⁸	185	70	72	NE	10	NNE	10	4	0	0	9 ⁶	28	Fine, but with cold wind.	
27	29 ⁶⁹	29 ⁷⁸	44 ⁰	43 ⁷	47 ⁰	4 ⁰	3 ⁷	1 ⁸	185	70	72	NE	11	NE	12	0	10 [▲] 0 [≡]	—	8 ⁸	30	Fine and sunny.	
28	29 ⁵⁷	29 ⁶⁶	44 ⁰	43 ⁷	47 ⁰	4 ⁰	3 ⁷	1 ⁸	185	70	72	NE	10	ENE	12	10	6	—	2 ²	32	Sunny intervals.	
29	29 ⁵⁸	29 ⁶⁷	44 ⁰	43 ⁷	47 ⁰	4 ⁰	3 ⁷	1 ⁸	185	70	72	NE	6	NE	6	10	10	—	—	35	Fair, but cloudy and cold.	
30	29 ³⁷	29 ⁴⁶	44 ⁰	43 ⁷	47 ⁰	4 ⁰	3 ⁷	1 ⁸	185	70	72	NE	7	—	3	10	5	—	1 ²	35	Fine generally.	
31	29 ⁴⁴	29 ⁵³	44 ⁰	43 ⁷	47 ⁰	4 ⁰	3 ⁷	1 ⁸	185	70	72	NE	2	ENE	7	10	10	—	—	36	Dull and cloudy.	
M.	29 ⁵⁵¹	29 ⁵⁶⁹	40 ⁷	39 ³	44 ⁹	36 ³	2 ⁶	2 ⁵	204	194	80	80	9	7	7.6	7.6	7.6	2.511	101	32.3		

* Miles per hour.

† Beaufort Scale (0—12).

SHREWSBURY, SHROPSHIRE.—MARCH 1911.

Height above Mean Sea Level, 190 feet. Heights above Ground:—Bar., 22 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45' W. Lat. 52° 43' N. Gravity Correction, +019 in. Time, Local mean time.

SOUTHAMPTON, HAMPSHIRE, a.—MARCH 1911.

Height above Mean Sea Level, 64 feet. Heights above Ground:—Bar., 20 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24' W. Lat. 50° 55' N. Gravity Correction, +.016 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).				Cloud Amount and Weather.		Rain 24 hours begin- ing 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.	
							Dep. of Wet.		Vapour Pressure.												Percentage.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.					
1	ins.	ins.	°	°	°	°	°	in.	in.	%	%	W	2	SW	2	0.00	0	ins	hrs.	°	Fine and sunny.
2	30.27	30.27	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	30	Cloudy.
3	30.22	30.22	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	35	Cloudy.
4	30.17	30.17	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	Drizzling 18 h.—22 h.
5	30.12	30.12	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	Fine and sunny.
6	30.07	30.07	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	Drizzling 15 h.—17 h., then 22 h.
7	30.02	30.02	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	Fine a. Dull p.
8	29.97	29.97	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	— a. Fine to dull.
9	29.92	29.92	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	1 h.—6 h. 30 m. Fine.
10	29.87	29.87	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	— a. from 19 h.
11	29.82	29.82	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	to 8 h.—15 h. Dull.
12	29.77	29.77	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	Dull. 15 h.—23 h. 23 h.
13	29.72	29.72	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	2 h. Sunny day.
14	29.67	29.67	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	* 11 h. Sunny day.
15	29.62	29.62	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	△ 10 h. 30 m. 15 h. 30 m.
16	29.57	29.57	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	Cloudy.
17	29.52	29.52	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	— a. Fine a. Dull p.
18	29.47	29.47	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	9 h. 15 m.—14 h.
19	29.42	29.42	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	Dull a. Fine p.
20	29.37	29.37	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	— a. Fine.
21	29.32	29.32	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	3 h.—7 h. Sunny.
22	29.27	29.27	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	Sunny till 14 h. 15 h.
23	29.22	29.22	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	Dull.
24	29.17	29.17	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	Cloudy.
25	29.12	29.12	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	△ showers a. * p.
26	29.07	29.07	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	Fine.
27	29.02	29.02	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	7 h.—11 h. Dull.
28	28.97	28.97	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	Fine.
29	28.92	28.92	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	Dull.
30	28.87	28.87	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	Dull. = p.
31	28.82	28.82	45.1	42.9	52.9	37.9	3.8	2.3	219	228	73	83	W	4	NW	2	10	—	8.1	42	Overcast till 11 h.
M.	29.833	29.835	43.0	42.5	49.4	37.5	2.5	2.3	229	228	82	83	2.6	2.6	6.4	5.7	2.178	105	31.8		

FALMOUTH, CORNWALL, a.e.—MARCH 1911.

Height above Mean Sea Level, 167 feet. Heights above Ground:—Bar., 16 feet. Therms., 4 feet. Rain-gauge, 2 feet.
Long 5° 4' W. Lat. 50° 9' N. Gravity Correction, +.013 in. Time, Greenwich mean time.

|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

DUBLIN (PHOENIX PARK), a.—MARCH 1911.

Height above Mean Sea Level, 155 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 21' W. Lat. 53° 22' N. Gravity Correction, +0.22 in. Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.						
							Dep. of Wet.		Vapour Pressure.										Percentage.					
9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.									
1	ins.	ins.	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Fine day. ● ² p.
2	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Cloudy.		
3	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Overcast.		
4	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	● ² a. Cloudy.		
5	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Cloudy and overcast. ● ² p.		
6	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Cloudy. Δ ¹ p.		
7	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Fine and bright.		
8	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Cloudy. ● ² p.		
9	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Fine.		
10	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Cloudy and overcast. ● ² p.		
11	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Cloudy. ● a. and p.		
12	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Δ ¹ p.		
13	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Cloudy.		
14	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	● ² a. Cloudy.		
15	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Overcast. ● ² p.		
16	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Overcast.		
17	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Overcast.		
18	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Overcast.		
19	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Overcast.		
20	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Overcast.		
21	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Overcast.		
22	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Overcast.		
23	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Overcast.		
24	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Overcast.		
25	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Overcast.		
26	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Overcast.		
27	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Overcast.		
28	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Overcast.		
29	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Overcast.		
30	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Overcast.		
31	29.87	29.88	41.9	47.9	52.0	36.2	1.8	0.4	in.	in.	%	%	WSW	7	WSW	18	0	100	ins.	hrs.	°	Overcast.		
M.	29.795	29.797	41.2	40.5	47.4	35.7	1.5	1.2	2.30	2.31	88	90	9	8	8.0	6.1	1.678	109	33.2					

BIRR CASTLE, KING'S COUNTY, a.b.—MARCH 1911.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar., —2 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 7° 55' W. Lat. 53° 6' N. Gravity Correction, +0.21 in. Time, Dublin mean time.

1	29.89	29.88	41.7	50.3	52.1	35.8	1.8	1.5	2.27	3.26	87	90	SSW	3	SW	5	0	100	0.93	0.6	—	Bright a. Dull afternoon.		
2	29.86	30.17	51.8	50.0	53.4	48.8	1.6	1.5	2.43	3.22	88	90	WSW	3	WSW	3	10	9	0.10	—	—	Damp and mild.		
3	30.13	29.97	50.2	50.2	52.8	47.8	1.4	1.0	2.37	3.37	91	93	WSW	3	SSW	2	10	100	0.208	—	—	Mild and close.		
4	29.88	30.04	41.3	34.6	52.4	34.5	1.0	0.6	3.29	1.89	92	94	NW	2	Calm	0	10	1	—	—	—	Sunny day.		
5	30.01	29.79	36.8	41.9	46.2	30.9	1.0	0.8	1.99	2.48	92	94	Calm	0	SW	2	10	100	0.153	0.1	—	—	● from 5 h. 30 m.	
6	29.84	30.08	40.6	33.9	46.9	33.7	2.0	0.9	2.12	1.77	85	90	NW	4	Calm	0	9	0	0.040	—	—	—	● showers a. Δ 11 h. 30 m.	
7	30.14	29.97	33.9	41.6	47.7	36.6	2.7	3.6	1.43	1.93	74	74	Calm	0	Calm	0	0	10	0.129	6.3	—	—	≡ n. Fine a. ● from 22 h.	
8	29.81	30.68	44.8	39.2	49.4	38.7	0.7	1.2	2.80	2.16	95	90	W	1	W	2	7	10	0.324	3.2	—	—	Dull p. ● from 18 h.	
9	30.00	30.91	40.7	35.6	48.5	33.9	2.7	0.7	2.00	1.97	79	94	WSW	2	S	1	0	7W	0.096	8.5	—	—	● a. Bright but cool.	
10	30.55	30.55	41.1	39.9	47.7	35.0	0.9	1.2	2.38	2.22	93	91	S	3	NW	3	100	1	0.110	0.3	—	—	● a. and till 5 h. 30 m.	
11	30.79	30.79	40.8	37.9	46.7	37.5	2.8	0.9	1.99	2.10	78	93	WNW	2	Calm	0	10	5	0.109	1.8	—	—	Bright but cool.	
12	30.50	30.52	41.2	35.0	45.5	34.9	0.6	1.8	2.46	1.68	96	82	Calm	0	NW	2	100	0	0.025	2.7	—	—	● 5 h.—14 h.	
13	30.64	30.78	34.8	44.9	31.8	2.9	0.9	1.81	1.84	77	92	CNNW	3-4	NW	2	1	9	0.009	2.4	—	—	—	Bright but cool. Δ *.	
14	30.83	30.72	39.3	39.3	46.9	32.8	3.3	2.4	1.78	1.94	75	81	NW	2	NW	2	3	10	0.009	5.6	—	—	● showers p.	
15	30.60	30.53	40.1	35.1	46.8	33.8	4.3	1.2	1.68	1.81	67	88	CNNW	2-3	Calm	0	0	0	—	7.8	—	—	Fair, but with very cold wind.	
16	30.54	30.58	33.9	31.8	45.0	29.3	0.7	0.6	1.81	1.66	92	92	Calm	0	Calm	0	3	0	0.000	—	—	—	Fair, but cold.	
17	30.51	30.50	30.9	39.3	44.5	28.0	2.6	2.4	1.71	1.94	79	81	ENE	1	ENE	3-4	1	10	0.45	—	—	—	≡ n. Fair.	
18	30.59	30.60	40.1	39.2	42.3	37.5	3.3	1.9	1.85	2.03	74	84	ENE	4	NE	4	9	10	0.026	—	—	—	Stormy. ● showers from noon.	
19	30.57	30.60	40.2	38.6	44.9	38.8	1.9	1.5	2.11	2.05	85	88	E	4	NNE	2	10	5	—	—	—	—	Very dark and gloomy a.	
20	30.59	30.59	40.2	38.4	47.5	35.6	2.2	1.6	2.21	2.00	84	87	NE	4	NE	3	10	7	0.36	—	—	—	Cold and gusty.	
21	30.63	30.63	38.4	41.8	46.9	35.9	1.6	2.1	2.00	2.23	87	85	ENE	3	ENE	1	8	10	0.34	—	—	—	Cold and windy.	
22	30.69	30.68	42.3	43.9	49.9	40.7	1.4	1.1	2.40	2.63	89	91	E	1	NE	2	100	9	0.18	—	—	—	Fair.	
23	30.90	30.88	42.0	43.6	49.3	40.8	1.9	2.6	2.27	2.28	86	80	NNE	3	NE	3	100	10	0.57	—	—	—	Bright.	
24	29.87	29.98	41.8	35.2	48.8	35.1	2.9	1.3	2.07	1.81	79	90	NE	3	Calm	0	9	0	0.67	—	—	—	Fair but cool.	
25	30.10	30.21	43.0	33.9	46.7	30.8	6.1	1.9	1.65	1.57	59	80	NE	4	Calm	0	3	0	0.73	—	—	—	Bright, but with very cold wind.	
26	30.17	30.03	32.5	40.3	46.5	24.4	1.8	3.1	1.46	2.13	79	77	Calm	0	NE	2	100	10	0.42	—	—	—	● a. Fine, but with cold wind.	
27	29.96	29.79	38.8	40.6	49.7	28.7	3.2	3.4	1.76	1.88	76	74	NE	2-3	N	3	1	2	0.020	10.8	—	—	● a. Very bright, but cool.	
28	30.63	30.60	39.3	40.8	41.1	35.6	2.2	2.4	1.98	2.07	83	81	NE	3	ENE	2	10	9	0.112	0.7	—	—	Dull and cool.	
29	30.63	30.62	40.7	40.3	49.8	39.8	1.0	0.6	2.06	2.38	93	96	SE	1	Calm	0	1	0	0.000	—	—	—	Fine and mild.	
30	30.54	30.46	40.8	46.0	52.1	37.2	1.7	2.0	2.57	2.65	87	86	N	1	NE	2	100	10	0.051	0.8	—	—	≡ n., then ●.	
31	29.57	29.67	40.8	47.0	53.7	42.0	0.9	1.8	2.99	2.80	93	87	ENE	1	NE	2	100	10	—	—	—	—	Dull and mild.	
M.	29.776	29.768	41.0	40.1	48.0	35.3	2.1	1.6	2.18	2.19	84	87	2.1		1.7	6.6	6.3	1.324	114	—	—	—	—	

FORT WILLIAM, INVERNESS-SHIRE, a.—APRIL 1911.

Heights above Mean Sea Level:—Station, H=171 ft.; Barometer, H_b=49.8 ft. Heights above Ground:—Therms., h_t=4 ft.; Rain-gauge, h_r=1 ft.
Long. 5° 7' W. Lat. 56° 49' N. Gravity Correction, +.031 in. Time, Greenwich mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.			
							Dep. of Wet.		Vapour Pressure.										Percentage.		
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	ins.	hrs.			
1	29.98	29.95	ins.	ins.	41.4	44.1	48.0	35.2	2.5	2.6	210	233	81	80	Calm	0	Calm	0	10	10	Mostly sunny. ∞ at times.
2	29.97	30.07	42.6	39.7	51.0	33.8	3.7	2.0	200	205	73	84	Calm	0	NE	4	6	10	10	02	Sunny a. ● after 18 h.
3	30.31	41	35.6	36.5	43.7	29.3	3.6	4.8	144	134	68	62	NE	4	ENE	5	3	6	—	—	Sunny throughout.
4	41	34	36.8	34.7	41.6	30.3	3.8	2.5	151	154	69	76	NE	3	Calm	0	10	1	—	—	Cloudy.
5	41	52	40.6	33.0	44.2	31.8	5.9	3.3	148	124	59	66	ENE	4	NE	2	4	0	—	—	Fine and sunny.
6	52	45	37.0	42.9	48.5	26.3	4.8	3.5	137	205	62	75	Calm	0	NE	2	10	7	—	—	Fine and sunny.
7	39	40	44.8	39.0	48.5	37.5	3.4	2.5	224	190	76	81	NE	5	NE	1	9	1	—	—	Fine and sunny.
8	46	47	45.0	39.0	49.2	33.9	5.0	2.7	197	186	66	79	NE	3	Calm	0	7	0	—	—	Fine and sunny.
9	45	36	39.8	42.0	52.9	28.1	2.1	2.8	204	211	84	79	Calm	0	NE	4	10	9	—	—	Sun and cloud. ● p.
10	36	38	42.7	40.0	46.8	36.3	5.8	3.0	168	189	61	76	ENE	5	NE	1	5	3	—	—	Alternate sun and cloud.
11	36	28	44.2	42.0	55.0	29.9	4.2	2.0	203	225	70	85	Calm	0	Calm	0	0	9	—	—	Sunny all day.
12	23	28	47.7	48.1	54.5	40.4	3.1	2.7	259	271	79	81	SW	1	SE	1	10	6	—	—	Mostly cloudy.
13	35	30.24	45.1	47.0	51.0	38.8	1.1	3.0	274	253	91	79	SW	2	WSW	2	6	10	—	—	Mostly cloudy.
14	30.12	29.94	45.8	44.2	50.0	42.0	3.8	2.2	227	242	74	83	SW	4	SW	4	7	4	16	—	Dull and cloudy, occasional ●
15	29	59	47.1	43.0	48.0	41.7	2.9	4.4	256	191	79	69	SW	4	SW	4	10	9	47	—	Squally, with ● at times.
16	63	71	42.0	38.0	47.0	35.9	4.0	1.9	190	192	72	84	Calm	0	SW	1	9	10	09	—	● (sleet) * Δ showers.
17	66	42	37.1	44.0	44.0	32.8	0.7	0.3	207	281	94	98	Calm	0	Calm	0	10	10	84	—	Sleety ● all day. * 2 on heights
18	28	12	48.8	48.2	57.2	42.8	2.2	1.5	292	300	84	90	SW	1	Calm	0	10	10	25	—	Bleak and showery.
19	07	06	47.3	45.0	50.2	44.5	4.8	1.5	222	264	68	89	SE	4	SW	3	10	10	52	—	Bleak and showery.
20	38	83	44.0	41.3	47.6	40.4	1.4	2.3	257	213	89	82	SW	5	WSW	3	10	10	56	—	Squally, with ● a. Fine p.
21	78	85	44.0	51.0	52.8	40.0	4.0	1.0	279	348	97	93	Calm	0	SW	4	10	10	131	—	● and driving ● all day.
22	84	87	49.1	48.4	51.5	47.7	0.1	0.3	347	332	99	98	SW	4	SW	3	10	10	58	—	● and driving ● all day.
23	59	64	48.0	47.5	50.4	46.8	0.3	1.8	327	285	98	87	SW	4	WSW	3	10	10	40	—	● and driving ● all day.
24	74	67	47.0	49.0	50.0	45.0	2.0	0.8	275	327	86	94	SW	3	SW	2	10	10	83	—	Showery throughout.
25	43	45	49.8	46.3	52.0	45.7	0.2	0.7	353	299	98	96	SW	3	Calm	0	10	9	14	—	● ● all day. T 13 h.
26	49	51	44.0	44.0	54.7	40.9	1.6	2.1	252	242	87	83	Calm	0	SW	2	9	9	13	—	● ●, with fair intervals.
27	28	17	45.8	46.1	58.5	41.2	2.8	2.1	246	264	80	85	Calm	0	Calm	0	6	8	—	—	Bright sun throughout.
28	28	18	46.0	44.0	48.1	36.0	1.1	2.2	285	240	92	83	SW	2	SSE	2	5	5	23	—	Showery, with sunny intervals.
29	17	34	49.5	44.4	52.1	34.4	3.7	1.4	267	260	75	89	Calm	0	NE	2	6	9	—	—	Fine and sunny generally.
30	29.60	29.78	46.0	43.9	50.7	41.4	1.0	3.6	287	212	93	74	NE	1	Calm	0	10	7	—	—	Sunshine and cloud. (evening)
M.	29.879	29.876	44.2	43.2	50.0	37.7	2.7	2.3	236	236	80	83		2.1	1.8	8.2	7.4	6.53	—	—	

DUNDEE, FORFARSHIRE, c.d.—APRIL 1911.

Heights above Mean Sea Level:—Station, H=160 ft.; Barometer, H_b=164 ft. Heights above Ground:—Therms., h_t=3.8 ins.; Rain-gauge, h_r=1 ft.
Long. 2° 56' W. Lat. 56° 28' N. Gravity Correction, +.030 in. Time, Greenwich mean time.

1	29 ⁸⁸	29 ⁸²	38 ²	40 ²	44 ⁸	34 ²	2 ⁸	1 ⁰	'188	'228	82	92	E	1	W	1	10	10	—	—	—	Dull. ∞ ⁰
2	29 ⁸⁰	29 ⁸⁸	41 ⁸	39 ²	50 ²	36 ⁴	2 ⁸	1 ⁸	'209	'205	79	85	NE	1	N	1	5	10	—	—	—	Dull after 14 h.
3	30 ⁰⁸	30 ²⁵	36 ⁵	33 ²	43 ²	28 ⁷	3 ⁵	2 ⁰	'153	'149	71	79	N	5	N	1	0	10	—	—	—	Fine till 15 h., then dull.
4	23	16	36 ⁸	35 ⁰	41 ⁷	31 ⁸	2 ⁸	1 ²	'167	'180	76	88	NW	3	N	1	10	10	01	—	—	Dull and cloudy.
5	26	38	35 ⁹	30 ⁵	40 ⁵	29 ⁵	3 ⁴	1 ⁵	'151	'133	71	77	NE	3	N	1	10	10	0	—	—	Dull till 11 h., then fine.
6	33	29	40 ²	40 ⁹	45 ⁰	28 ⁰	2 ⁷	2 ⁰	'166	'215	79	85	NE	1	NE	3	10	10	01	—	—	Dull. ∞ ¹ 19 h. 30 m.-20 h.
7	23	23	43 ⁵	41 ⁷	47 ⁷	38 ⁸	3 ⁰	2 ²	'220	'219	77	84	NE	5	NE	3	10	10	—	—	—	Dull and cloudy.
8	32	31	41 ²	43 ⁶	47 ²	35 ⁵	2 ²	2 ¹	'213	'239	83	84	NE	1	NE	1	10	10	—	—	—	Dull and cloudy.
9	28	20	43 ⁵	40 ⁰	55 ⁵	37 ⁷	1 ⁸	2 ⁵	'244	'198	86	80	SW	1	NE	5	10	10	—	—	—	Dull till 10 h. and after 15 h.
10	18	22	40 ⁰	38 ⁶	44 ²	37 ⁷	2 ⁰	1 ⁶	'207	'203	84	87	NE	5	NE	1	10	10	—	—	—	Dull and cloudy.
11	23	09	44 ⁵	42 ⁷	54 ⁵	32 ⁵	3 ⁵	1 ⁷	'219	'237	74	86	SW	1	N	1	5	10	—	—	—	Fine till 17 h., then dull.
12	02	14	46 ⁰	44 ⁵	56 ⁵	39 ⁰	2 ⁰	1 ⁵	'265	'259	86	88	W	5	N	1	10	10	—	—	—	Dull and cloudy.
13	30.19	30.08	51.0	46.6	60.5	40.5	3.5	2.6	'288	'258	77	82	SW	1	SW	3	5	10	—	—	—	Dull and cloudy after 18 h.
14	29.97	29.73	51.0	46.5	55.2	42.5	5.0	2.0	'255	'270	68	86	SW	3	SW	8	5	10	—	—	—	12 h. till night.
15	68	40	51.0	45.0	54.8	43.2	5.5	2.0	'246	'253	66	85	SW	5	W	5	5	10	01	—	—	10 h.-17 h. ∞ ¹ 19 h.
16	47	37	45.0	38.2	50.2	37.0	4.0	2.7	'214	'180	72	78	SW	8	W	5	5	10	—	—	—	till 15 h.
17	58	36	39.2	45.0	45.2	28.7	2.0	0.5	'201	'287	84	96	SE	1	SW	1	10	10	08	—	—	Dull and cloudy. ∞ ¹ 11 h.-20 h.
18	27	11	47.0	44.2	52.5	43.5	2.0	0.5	'285	'279	86	97	SW	3	SE	5	10	10	07	—	—	Dull and cloudy. ∞ ¹ 19 h.-20 h.
19	08	11	45.2	46.2	50.5	40.2	2.2	2.2	'251	'263	84	85	SE	5	SE	9	10	10	03	—	—	18 h. till night.
20	37	76	43.2	42.5	48.2	41.2	1.7	3.0	'243	'211	87	78	SW	5	SW	3	10	10	05	—	—	10 h.-17 h.
21	72	79	43.2	53.5	55.5	40.0	0.5	1.5	'268	'367	96	89	NE	1	SW	1	10	10	—	—	—	6 h.-7 h. Dull and cloudy.
22	76	76	53.0	49.7	60.0	49.5	2.0	1.2	'347	'326	86	92	SW	5	W	1	10	10	07	—	—	Dull and cloudy till 12 h. after 17 h.
23	51	47	50.5	46.0	58.0	45.5	1.5	1.8	'328	'269	89	87	SW	3	SW	5	10	10	5	01	—	12 h.-17 h.
24	60	54	49.2	49.0	50.9	44.7	2.7	0.8	'285	'327	82	94	SW	5	W	1	10	10	20	—	—	12 h.-15 h.
25	39	30	51.0	50.5	54.6	48.0	1.0	1.0	'348	'342	93	83	SW	3	SW	1	100 ⁰	10	17	—	—	Dull and cloudy. ∞ ¹ till 15 h.
26	33	39	47.6	44.5	54.5	41.0	3.6	2.5	'247	'238	75	81	W	5	W	3	5	10	—	—	—	Fine.
27	16	05	50.8	43.2	56.2	38.0	3.8	1.2	'278	'253	75	90	SW	1	E	1	5	10	—	—	—	Fine till 16 h., then dull.
28	17	07	50.0	45.0	53.5	36.5	3.0	1.5	'286	'264	80	89	SW	1	SW	1	5	10	05	—	—	13 h.-14 h.
29	00	19	50.6	42.5	55.0	36.0	3.6	1.3	'280	'243	76	90	SW	1	NE	1	5	10	—	—	—	Dull and cloudy after 16 h.
30	29.53	29.63	46.8	43.5	50.2	39.2	3.8	1.8	'235	'244	74	86	NW	1	NE	1	5	10	02	—	—	Dull and cloudy after 10 h. [19 h.-20 h.]
M.	29.754	29.743	45.1	43.1	51.2	38.2	2.8	1.7	'244	'245	80	86		3.0		2.5	7.8	9.0	0.78	—	—	

† Beaufort Scale (0-12).

GLASGOW, LANARKSHIRE, a.—APRIL 1911.

Heights above Mean Sea Level:—Station, H=180 ft.; Barometer, H_b=184 ft. Heights above Ground:—Therms., h_t=7 ft.; Rain-gauge, h_r=2 ft.
Long. 4° 18' W. Lat. 55° 53' N. Gravity Correction, +.029 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.						Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.				
							Dep. of Wet.		Vapour Pressure.		Percentage.													
			9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	ins.	hrs.	°			
1	ins.	ins.	29.78	40.4	43.0	48.3	37.2	3.4	2.3	185	228	74	82	E	7	—	2	9	10	ins.	hrs.	°		
2	29.83	29.78	40.4	43.0	44.5	53.1	36.9	2.7	2.9	221	231	80	78	—	2	N	8	9	10	—	2.2	34	Fine, but cloudy.	
3	29.77	29.84	43.0	44.5	35.8	44.9	32.4	4.8	3.8	141	143	63	67	NE	8	NE	6	2	1	—	6.2	28	Clear till evening.	
4	30.10	30.23	37.4	35.8	37.6	41.3	32.8	5.7	4.6	138	145	59	64	N	7	N	7	6	9	—	8.4	29	Fine.	
5	21	14	36.9	32.1	41.0	30.4	4.8	3.9	137	104	62	58	NE	12	—	3	7	10	008	—	2.2	24	Dull and cloudy.	
6	23	14	38.8	40.2	41.9	44.1	32.1	7.9	2.7	120	212	47	81	N	6	NE	4	10	—	—	9.5	25	Fine.	
7	30	26	40.2	41.9	44.1	30.4	4.8	3.9	137	104	62	58	NE	12	—	3	7	10	—	1.3	21	Dull.		
8	18	20	44.0	42.7	47.5	41.4	3.9	2.3	207	226	72	83	ENE	10	E	6	10	10	—	1.9	38	Dull.		
9	28	30	43.3	41.3	49.3	36.7	4.5	2.2	191	215	68	83	E	4	—	1	9	8	—	2.1	30	Fine afternoon.		
10	27	13	40.4	45.4	55.7	37.5	4.4	5.2	221	197	71	65	WNW	7	NE	7	2	3	—	5.4	27	Fine.		
11	14	17	43.9	40.9	47.1	36.4	6.5	2.9	164	198	56	78	NE	11	E	7	5	1	—	7.7	30	Fine, but squally.		
12	21	19	42.7	44.3	55.2	38.0	3.7	3.0	200	227	73	77	—	2	W	6	9	7	—	4.2	31	Fine, but cloudy. ☹ 21 h.		
13	30.18	30.10	49.9	46.1	58.5	43.1	4.1	3.1	230	277	73	78	W	11	W	4	10	10	—	—	36	Overcast.		
14	29.99	29.84	47.6	46.5	51.6	44.2	5.2	2.8	217	253	66	81	W	4	W	6	8	9	—	2.4	36	Fine, but cloudy.		
15	69	49	40.1	44.5	52.1	43.3	1.7	0.7	273	277	88	94	W	15	W	16	7	10	042	23	40	Cloudy and squally.		
16	77	59	43.3	38.5	48.1	38.4	4.4	3.5	192	168	68	72	W	18	W	4	5	2	074	27	40	Squally, with ☉ showers.		
17	49	29	37.4	47.1	47.5	36.3	0.8	1.6	288	286	93	89	ESE	7	S	12	10	9	252	8.8	36	Squally. ▲		
18	29.81	29.91	49.9	46.6	52.0	45.1	2.8	2.1	278	303	80	86	S	8	E	8	10	10	—	26	—	26	Overcast, with ☉ showers.	
19	37	21	49.9	49.6	53.6	43.6	5.9	1.8	277	276	63	88	ESE	15	S	14	9	10	027	43	—	43	Overcast. ● 22 h.-23 h.	
20	67	75	43.5	44.0	47.9	39.9	2.9	3.0	221	224	78	77	SW	14	SSW	9	10	9	214	23	38	Squally. ● noon and 18 h.-22 h.		
21	77	50	50.1	52.2	55.5	41.8	1.2	2.2	343	332	92	87	SW	15	S	10	10	10	272	34	40	● 10 h.-13 h. ▲ 16 h. 30 m.		
22	49	52	52.9	50.4	58.7	49.5	1.9	0.8	348	346	88	94	SW	12	SW	4	9	9	109	—	38	—	38	● till 10 h. Dull.
23	64	55	50.7	46.5	53.2	46.5	1.9	2.1	322	268	88	85	SW	15	W	17	9	9	129	3.6	48	Cloudy and breezy. ● showers.		
24	35	29	50.1	50.1	52.6	49.0	0.9	1.0	338	336	93	93	S	12	SW	7	10	10	099	15	46	Dull and breezy. ● showers.		
25	35	29	50.1	50.1	52.6	49.0	0.9	1.0	338	336	93	93	S	12	SW	7	10	10	215	—	43	Overcast. ● showers.		
26	35	29	50.1	50.1	52.6	49.0	0.9	1.0	338	336	93	93	S	12	SW	7	10	10	157	—	48	● early a. and 12 h.-16 h.		
27	35	29	50.1	50.1	52.6	49.0	0.9	1.0	338	336	93	93	S	12	SW	7	10	10	056	7.0	38	● a. and p.		
28	35	29	50.1	50.1	52.6	49.0	0.9	1.0	338	336	93	93	S	12	SW	7	10	10	320	—	35	● 8 h.-9 h. and 13 h.-19 h. 30 m.		
29	35	29	50.1	50.1	52.6	49.0	0.9	1.0	338	336	93	93	S	12	SW	7	10	10	138	3.7	30	● 8 h. 50 m.-12 h. 15 m.		
30	35	29	50.1	50.1	52.6	49.0	0.9	1.0	338	336	93	93	S	12	SW	7	10	10	474	2.3	29	● 13 h.-15 h. and 18 h.-19 h.		
M.	29.725	29.723	45.1	44.4	50.6	40.1	3.6	2.5	230	243	75	81	9	7	8.2	7.6	2.854	93	34.7	—	0.4	35	Fine, but cloudy.	

DOUGLAS, ISLE OF MAN, a.—APRIL 1911.

Heights above Mean Sea Level.—Station, H = 277 ft.; Barometer, H_b = 284 ft. Heights above Ground:—Therms., h_t = 4 ft. Rain-gauge, h_r = 10 ins.
Long. 4° 28' W. Lat. 54° 10' N. Gravity Correction, +0.024 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Temp. on Grass.	Remarks.					
							Dep. of Wet.		Vapour Pressure.										Percentage.				
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	ins.	hrs.	°				
1	29.70	29.67	41.5	39.8	48.0	39.1	1.3	0.8	2.34	2.28	90	94	E	2	NNE	1	10	—	3.5	39	Dull a., then fine.		
2	29.67	29.74	48.7	42.7	50.6	37.6	4.7	2.5	2.37	2.22	69	81	NNE	1	WNW	1	3	9	—	10.1	32	— a. Very fine.	
3	29.92	30.08	37.3	36.8	43.8	34.9	1.2	2.8	1.99	1.67	90	76	NE	7	NE	2	7	0	—	8.3	34	Stormy a. Fine afternoon.	
4	30.08	29.98	37.8	37.3	41.7	34.8	3.9	3.3	1.57	1.63	69	73	NNE	2	NNE	3	8	8	10.1	1.6	30	— a. Cloudy. * after 13 h.	
5	30.02	30.16	37.9	33.0	40.6	32.5	4.1	5.0	1.56	0.98	69	52	NE	6	ENE	6	7	3	—	8.7	31	Squally, with * showers.	
6	30.12	30.08	39.0	40.4	46.5	31.9	4.0	2.0	1.64	2.11	70	84	NE	3	NE	5	8	8	—	9.5	27	~. Fine. Squally from 11 h.	
7	29.99	30.14	43.8	40.7	47.1	38.3	2.1	1.7	2.41	2.18	84	86	NE	3	NE	3	8	0	—	3.5	36	Cloudy. Squally 10 h.—17 h.	
8	30.10	30.16	43.8	42.2	47.3	38.4	2.9	2.2	2.24	2.24	77	84	NE	4	NE	3	7	9	—	3.0	35	Cloudy and squally.	
9	30.16	30.09	44.3	44.2	50.4	40.0	3.9	1.4	2.27	2.59	74	89	NNW	2	NNW	6	9	8	—	4.6	36	Dull till 11 h., then squally.	
10	30.02	30.02	40.0	39.4	46.2	36.9	4.0	2.6	1.72	1.91	69	80	NNE	6	NE	6	8	7	—	2.6	33	Cloudy and cold.	
11	30.07	30.03	44.2	38.7	49.3	35.0	4.1	1.9	2.05	1.98	71	85	E	1	NNW	1	2	3	—	11.2	33	— early. Very fine.	
12	29.99	30.02	45.4	46.2	51.6	35.5	1.9	1.1	2.60	2.87	87	93	NNW	2	NNW	5	9	9	—	1.7	32	— a. Gloomy and squally.	
13	30.10	30.05	50.4	43.1	56.2	35.5	3.1	1.5	2.89	2.46	80	88	ESE	2	WNW	1	4.00	9.2	—	9.8	36	Very fine.	
14	30.01	29.89	47.2	48.0	55.0	39.6	3.2	5.0	2.51	2.24	78	67	NW	4	W	3	5	8	—	10.7	34	— a. Very fine.	
15	29.76	29.56	48.4	45.4	51.4	41.9	3.4	1.3	2.60	2.73	77	91	WSW	5	WSW	4	7	3	—	3.9	39	Cloudy and squally.	
16	53	53	47.6	43.0	53.0	42.6	4.4	2.7	2.32	2.21	70	80	WSW	5	ENE	1	4	10	0.37	8.7	42	Fine till 16 h., then dull.	
17	42	39	46.6	45.8	48.8	41.2	1.6	0.6	2.80	2.85	89	95	SSW	2	S	4	10	10.1	0.21	0.4	40	≡ a. Dull and squally.	
18	29.13	28.85	45.4	47.0	48.6	44.3	1.0	1.9	2.81	2.77	93	87	SE	3	S	7	10	9	160	—	44	● to h. 30 m.—17 h. and 19 h.	
19	28.76	29.05	46.0	45.1	47.4	44.7	2.9	0.6	2.46	2.86	80	85	SSE	8	S	6	9	10	1.33	—	42	— and showers.	
20	29.49	29.76	44.0	45.0	50.3	41.0	3.8	1.9	2.09	2.55	72	86	WSW	7	S	4	7	10	1.41	10.6	38	Stormy till 13 h.	
21	74	76	48.2	46.7	51.3	43.3	0.0	0.0	3.38	3.19	100	100	SW	5	SSW	7	10	≡	1.90	—	41	≡ a. ≡ 15 h.—17 h.	
22	81	85	47.5	46.2	48.9	45.2	0.0	0.0	3.29	3.13	100	100	SW	4	SW	2	10	≡	0.37	—	46	Overcast, with ≡.	
23	56	60	47.0	45.3	55.0	45.0	0.0	2.9	3.23	2.39	100	79	SW	4	W	4	10	0	0.63	4.2	45	≡ showers. (17 h. and 19 h.)	
24	65	55	45.6	47.2	47.8	42.7	0.6	0.2	2.92	3.20	96	99	WSW	3	WSW	1	10	10	4.89	1.7	40	Dull, with ● showers.	
25	37	25	46.5	49.0	49.2	45.1	0.2	0.2	3.12	3.43	98	99	SW	5	W	2	10	≡	1.0	—	44	Overcast, with ≡.	
26	37	29.38	44.9	43.9	49.1	41.3	2.9	1.2	2.34	2.51	79	90	W	7	SW	1	4	4	2.73	9.5	39	▲ showers afternoon.	
27	30.1	28.92	42.2	46.0	52.0	41.0	0.0	1.8	2.69	2.69	100	87	SE	3	WNW	6	10	≡	8	2.29	24	● showers afternoon.	
28	29.14	28.84	48.0	47.3	52.7	41.0	2.3	0.8	2.68	2.43	84	94	W	6	W	3	7	10	7.90	4.3	41	Squally till 17 h. ●	
29	28.91	29.05	43.9	44.0	49.3	39.1	0.9	0.9	2.66	2.67	93	93	NW	3	NW	3	10	5	—	1.5	38	Dull till 16 h.	
30	29.30	29.56	43.7	42.0	51.1	41.9	2.3	1.9	2.35	2.27	82	86	NW	4	NW	1	4	7	—	11.0	40	Fine. Squally till 17 h.	
M.	29.663	29.661	44.6	43.1	49.4	39.6	2.4	1.8	2.47	2.44	83	86	4.0	3.4	7.5	6.9	2.967	147	37.5				

STONYHURST, LANCASHIRE, a.—APRIL 1911.

Heights above Mean Sea Level.—Station, H = 375 ft.; Barometer, H_b = 363 ft. Heights above Ground:—Therms., h_t = 7 ft. Rain-gauge, h_r = 2 ft.
Long. 2° 28' W. Lat. 53° 51' N. Gravity Correction, +0.023 in. Time, Local mean time.

1	29.63	29.59	42.5	42.6	51.3	40.3	3.0	2.4	2.11	2.23	78	82	—	2	—	1	10	0	—	2.2	37	Cloudy and mild.
2	58	61	43.0	42.0	49.1	38.1	2.0	3.5	2.34	1.99	84	75	—	2	—	2	10	8	—	2.2	30	Overcast.
3	80	96	36.8	34.7	44.0	34.2	5.3	3.7	1.29	1.32	60	67	NNE	10	N	4	3	0	—	7.9	27	Fine. *°. Very cold.
4	94	29.84	38.3	34.5	41.0	29.3	5.3	3.5	1.40	1.34	60	68	N	10	NNW	8	8≡	4	0.70	24	21	07 h. Cloudy from 10 h.
5	29.89	30.01	34.0	28.8	37.0	27.7	2.0	2.8	1.56	0.88	79	56	NE	6	—	2	10*	2	0.10	77	23	Fine. *° ⁰
6	30.01	29.97	35.4	35.3	42.8	26.7	4.6	3.3	1.28	1.46	62	70	NE	10	—	2	5	8	0.50	10.2	17	Fine, but cold.
7	29.88	29.93	41.2	37.0	45.2	34.7	2.2	2.7	2.13	1.70	83	77	NE	4	N	5	100	0	0.07	19	29	* showers.
8	30.00	30.04	42.0	41.0	46.0	34.7	3.8	3.0	1.93	1.97	73	77	NE	6	NE	7	6	10	—	1.0	27	Dull and cold.
9	30.04	29.86	44.6	43.0	49.5	38.8	3.6	1.6	2.18	2.42	74	87	NW	4	SW	4	10	8	—	0.4	35	Cloudy and cold.
10	29.83	29.88	40.0	39.0	44.0	37.5	5.2	3.8	1.53	1.67	62	71	N	12	NE	7	9	10	—	3.9	35	Cloudy.
11	97	95	42.7	38.0	49.0	35.1	4.5	2.2	1.87	1.87	69	81	NE	8	NNE	4	10	0	—	1.0	29	Fine.
12	29.88	93	43.0	43.0	52.0	31.5	2.7	1.8	2.21	2.38	80	86	WSW	10	—	2	9	5	—	3.4	27	Sunny through cirrus.
13	30.03	98	50.4	46.3	54.7	40.5	5.4	3.1	2.41	2.45	66	78	E	10	—	2	9	5	—	3.4	27	Fine a. Cloudy p.
14	29.93	80	48.0	44.0	52.3	39.9	4.2	2.6	2.39	2.32	72	80	W	12	SW	6	6	2	—	10.0	34	Fine.
15	71	48	45.0	47.0	51.8	39.0	2.0	3.3	2.53	2.47	85	77	W	14	WSW	17	5	8	0.25	5.3	34	Fine a.
16	45	44	45.0	45.0	51.4	42.5	3.0	3.5	2.33	2.38	78	76	W	14	W	5	7	10	0.15	8.4	40	* shower 7 h. 30 m. Fine.
17	38	29.30	48.0	45.0	50.5	42.1	3.3	3.0	2.57	2.33	77	78	SW	8	—	2	10	0	—	0.1	37	Dull.
18	29.15	28.87	49.0	53.0	55.4	43.5	2.9	5.0	2.78	2.77	80	69	S	17	S	24	10	10	0.40	—	36	Overcast.
19	28.84	29.04	51.0	46.3	56.0	43.5	7.0	3.3	2.18	2.41	58	77	SSE	34	S	26	7	10	1.40	8.1	40	10 h.
20	29.43	76	46.0	45.0	54.2	41.8	4.5	3.1	2.16	2.31	70	77	SW	18	SSW	9	9	10	1.435	9.9	40	Sunny and squally.
21	67	87	51.4	51.5	56.0	42.0	1.2	2.1	3.48	3.26	91	86	SW	12	SW	11	10	10	0.40	—	39	* early a. Overcast.
22	79	72	51.0	51.4	57.0	48.8	2.0	1.7	3.23	3.34	86	88	SW	15	SW	7	100	10	—	0.1	47	Dull and cold.
23	53	49	51.2	50.1	56.4	47.0	3.2	5.1	2.97	2.44	79	67	SW	15	W	18	9	4	0.10	20	45	Cloudy. ● 20 h.-21 h.
24	59	52	49.6	48.3	50.8	44.0	3.9	1.6	2.64	2.99	74	89	WSW	13	SW	7	10	10	2.70	1.6	40	Cloudy. ● 14 h.-16 h.
25	37	20	49.3	49.8	51.0	46.5	2.3	0.8	2.94	3.37	84	94	S	12	SW	8	10	10 ⁰	4.05	—	44	* from 14 h.
26	29.26	29.33	46.0	45.0	50.1	42.5	3.0	2.4	2.44	2.45	79	82	W	18	SW	5	8	8	4.50	5.5	39	Fine a. ● 15 h.-18 h.
27	28.96	28.84	43.5	47.7	52.0	39.5	1.5	1.7	2.49	2.89	88	88	SE	8	WSW	15	100	10	3.05	—	38	Overcast. ● n
28	29.07	91	45.0	46.0	53.0	44.0	1.0	2.3	2.75	2.59	92	84	SW	8	SW	6	100	100	4.80	4.2	40	* 8 h.-10 h. ● showers
29	28.78	28.96	43.0	42.0	46.0	40.7	1.2	1.0	2.51	2.45	90	92	SW	14	—	2	100	100	2.15	0.1	40	Cold, with ● showers.
30	29.21	29.46	47.0	43.4	50.3	36.5	2.0	1.4	2.75	2.51	86	89	—	2	—	0	10	5	0.05	17	32	Cloudy.
M.	29.587	29.585	44.8	43.6	50.0	39.1	3.3	2.7	2.31	2.30	77	79	11	7	8.6	6.5	3.032	111	34.6			

* Miles per hour.

† Beaufort Scale (0—12).

SHREWSBURY, SHROPSHIRE.—APRIL 1911.

Heights above Mean Sea Level.—Station, H = 190 ft.; Barometer, H_b = 212 ft. Heights above Ground:—Therms., h_t = 4 ft.; Rain-gauge, h_r = 1 ft.
Long. 2° 45' W. Lat. 52° 43' N. Gravity Correction, +0.019 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp
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SOUTHAMPTON, HAMPSHIRE, a.—APRIL 1911.

Heights above Mean Sea Level.—Station, H = 64 ft.; Barometer, H_b = 84 ft. Heights above Ground:—Therms., h_t = 4.5 ins. Rain-gauge, h_r = 1 ft.
Long. 1° 24' W. Lat. 50° 55' N. Gravity Correction, +.016 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.						Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.			
							Dep. of Wet.		Vapour Pressure.		Percentage.												
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.		
1	ins.	ins.	48.0	46.2	51.6	42.0	1.9	0.9	287	292	87	94	NE	2	NE	1	10	1000	ins.	hrs.		Dull. • from 14 h.	
2	29.89	29.89	44.4	45.0	47.0	43.3	1.4	0.9	260	277	89	93	NE	1	NE	1	10	1000	210	—	33	• till 5 h. Damp and misty.	
3	30.01	30.15	41.2	37.1	46.1	36.2	3.2	3.8	196	154	76	69	NE	4	NE	2	10	0	070	—	42	Dull a., then fine. • 15 h. 45 m.	
4	17	05	38.0	36.2	44.1	31.9	3.4	2.1	167	175	72	82	NE	4	NE	3	2	050	050	5.6	20	Fine. • 16 h. and 18 h. U.F.	
5	00	11	35.0	28.4	37.1	27.9	2.8	0.1	151	153	74	98	NE	5	NE	5	2	035	035	6.4	30	• early a. Fine till noon.	
6	11	12	33.5	34.0	38.1	27.4	0.9	0.2	173	192	90	98	NE	6	NE	5	4	10	—	7.4	23	Fine.	
7	08	14	39.5	34.1	44.1	30.8	4.4	2.9	162	141	67	72	NE	5	NE	2	2000	0000	—	7.3	27	Fine, but cold.	
8	20	21	41.0	42.2	51.1	29.9	2.7	3.0	202	209	79	78	NE	2	NE	4	10000	0	—	0.5	18	Dull.	
9	30	30	42.0	44.2	48.7	35.4	2.8	1.1	211	265	79	92	NE	1	NE	2	10	1000	020	0.3	31	Dull. • 19 h. 30 m.—21 h. 30 m.	
10	02	29	41.0	40.9	47.1	38.5	3.1	3.7	195	185	76	73	NE	4	NE	5	10	10	—	2.6	34	Cloudy. Cold wind.	
11	12	30	45.0	42.0	52.1	40.0	4.3	2.4	209	218	70	82	NE	3	NE	2	8	0	—	7.1	38	Fine. ∞ p.	
12	21	17	44.4	52.0	61.6	32.6	4.4	6.7	202	233	69	61	NE	2	N	2	1000	1	—	9.9	22	Fine.	
13	31	32	50.4	42.0	57.6	40.9	6.1	2.3	229	220	63	83	NE	2	SW	1	1000	1000	—	11.5	30	Fine and warm.	
14	30	20	48.9	43.6	58.5	38.4	3.8	0.8	258	266	75	93	SW	2	SW	1	0000	0000	—	9.9	29	Fine and warm.	
15	30.15	30.00	51.3	47.0	62.3	33.1	4.4	2.0	271	275	72	88	SW	1	SW	2	0000	0000	—	11.0	22	Fine and warm.	
16	29.94	29.86	49.5	44.9	56.3	40.5	4.1	1.7	258	259	72	88	NW	1	SW	1	7000	0000	—	1.5	31	Cloudy.	
17	30	27	51.0	42.5	59.3	34.4	3.4	0.5	290	261	78	96	SW	1	SW	2	0000	9000	—	6.2	26	Fine and warm. ≡ n.	
18	62	41	55.3	49.2	58.2	42.5	4.3	1.9	323	303	73	87	SW	4	SW	5	1000	9000	020	2.1	38	Cloudy. • 19 h.—21 h.	
19	43	29	63.1	46.3	53.9	46.3	4.9	2.4	258	260	69	83	SW	5	SW	5	2000	0000	—	11.4	41	Fine.	
20	29.96	30.25	52.2	45.4	56.1	44.9	7.2	2.3	226	251	88	84	SW	3	SW	2	2000	0000	—	6.6	38	Fine.	
21	30.34	30.41	49.2	50.2	53.6	44.9	2.0	1.2	301	332	86	92	SW	6	SW	2	10000	6000	—	39	39	Dull. • showers 10 h.—11 h.	
22	33	21	54.8	50.1	57.4	45.2	5.8	1.5	282	323	66	89	SW	3	SW	1	1000	10	—	8.0	37	Fine.	
23	07	30	54.8	51.4	56.1	48.4	2.8	1.3	351	346	82	91	SW	3	SW	2	10	10	—	0.8	46	Cloudy.	
24	30.03	29.99	54.4	48.3	63.0	44.3	6.4	1.8	264	294	62	88	NW	2	SW	1	1000	0000	—	11.5	33	Fine.	
25	29.88	29.74	50.5	49.4	54.1	41.8	4.1	1.2	268	322	73	91	SW	3	SW	3	10	10	100	—	31	Dull and cloudy.	
26	73	85	52.0	48.4	58.0	48.4	6.4	4.3	238	242	62	72	NW	2	SW	3	1	0	375	9.4	48	• showers past n. Fine.	
27	44	41	51.2	49.5	57.2	43.8	0.7	1.4	358	318	66	90	SW	2	SW	4	1000	1000	130	2.0	42	• till 6 h. Cloudy.	
28	60	35	52.0	48.5	59.8	48.2	4.9	0.9	268	319	70	93	NW	4	SW	5	10	1000	410	6.9	47	Fine. • 19 h.—21 h.	
29	34	32	49.1	46.0	54.3	42.0	4.3	1.6	250	274	72	89	SW	3	SW	3	8	8	410	6.3	37	• showers a. Fine.	
30	29.50	29.80	50.8	49.1	56.2	44.5	5.2	2.8	250	282	68	80	NE	2	NW	2	2	1	025	7.8	37	Fine. • showers 15 h.	
M.	29.957	29.951	47.4	44.5	53.4	39.6	3.9	2.0	245	255	74	86	2.9	2.6	5.2	4.6	1.855	163	33.9				

FALMOUTH, CORNWALL, a.e.—APRIL 1911.

Heights above Mean Sea Level.—Station, H = 167 ft.; Barometer, H_b = 183 ft. Heights above Ground:—Therms., h_t = 4 ft. Rain-gauge, h_r = 2 ft.
Long 5° 4' W. Lat. 50° 9' N. Gravity Correction, +.013 in. Time, Greenwich mean time.

1	29.74	29.80	48.5	48.0	53.2	45.9	1.6	1.2	302	304	88	92	NE	4	—	2	10 h.	22 h.	10 h.	0.1	0.2	—	Overcast. Thick mist n.
2	29.81	29.84	48.5	47.1	52.7	44.8	1.3	1.0	308	300	90	93	—	1	NW	6	10	0	0.2	2.7	—	• 13 h. Fair from 14 h.	
3	29.91	30.07	46.1	39.9	48.9	37.0	3.6	3.8	234	175	75	71	N	12	NNE	6	10	0	—	4.5	—	Fair a., and early p.	
4	30.15	30.07	39.7	39.5	42.2	31.9	4.7	4.3	158	163	65	67	N	11	N	7	5	5	—	4.5	—	• 10 h.—noon.	
5	29.89	30.04	38.7	31.5	41.0	29.8	5.3	4.7	143	086	60	49	NNE	17	NE	18	3	0	—	10.2	—	Bright, but with cold, dry wind.	
6	30.02	30.13	32.9	35.7	38.1	28.8	4.4	3.7	106	144	57	68	NE	18	NE	13	5	9	—	5.8	—	Dry, with cold wind. [19 h. 30 m.]	
7	29.99	30.00	37.0	36.4	43.5	32.0	4.8	1.0	137	197	62	92	NE	14	—	3	3	9	0.8	8.1	—	Sunny 6 h.—13 h. • 18 h. 30 m.	
8	30.16	30.13	39.8	42.8	47.6	33.3	3.8	1.8	174	236	71	86	NNE	7	N	8	2	0	—	9.8	—	Bright and pleasant.	
9	30.22	30.10	43.0	44.9	48.8	37.0	3.9	3.2	199	229	72	77	NE	7	N	7	1	10	—	8.6	—	Bright till 15 h.	
10	29.95	29.94	46.9	43.9	49.0	41.0	4.6	5.0	221	181	70	65	NNW	9	NNE	10	10	10	—	2.5	—	Intermittent sunshine.	
11	29.98	30.06	44.0	45.0	49.5	38.4	4.4	4.3	198	209	69	70	NE	16	NE	8	2	0	—	10.8	—	Fine, bright, and dry.	
12	30.09	30.12	45.5	44.9	52.1	37.9	4.6	1.9	208	254	68	86	NE	7	N	5	0	0	—	11.5	—	Fine, bright, and dry.	
13	30.21	30.15	50.0	45.5	57.5	41.7	3.7	2.3	271	252	72	81	ENE	4	—	1	0	0	—	11.0	—	Bright and cloudless.	
14	30.09	29.98	48.1	43.0	54.3	38.9	1.8	1.9	291	236	87	85	—	2	N	5	0	0	0.0	12.1	—	Bright and cloudless.	
15	29.87	29.78	50.4	45.0	53.5	41.0	4.3	1.5	263	264	73	89	WSW	7	NW	4	9	0	—	11.7	—	Fine and bright.	
16	29.67	29.57	46.7	49.1	54.9	39.6	0.9	1.1	298	321	94	92	—	3	S	12	7	5	—	3.4	—	Bright early a.	
17	29.31	29.08	49.4	47.0	52.1	46.9	0.9	2.6	330	262	94	82	S	15	S	18	100	0	—	1.5	—	Intermittent sunshine.	
18	29.10	29.48	46.1	47.4	52.1	44.1	1.8	3.5	271	247	87	76	S	24	WSW	16	7	5	—	0.3	—	Dull, with • at times.	
19	29.30	29.11	49.9	48.0	53.2	42.9	6.9	2.8	209	267	58	80	W	11	S	14	7	10	—	1.8	—	Sunny intervals.	
20	29.20	29.27	50.7	49.8	53.5	47.7	0.7	1.1	352	330	95	92	SSW	18	S	10	100	0	—	—	—	• early a. Overcast.	
21	29.18	29.08	54.2	50.6	57.0	47.1	2.6	0.6	348	353	83	96	S	16	SW	13	7	100	0.19	—	—	Bright early a. Damp p.	
22	29.97	29.97	51.1	50.0	56.1	48.0	0.7	3.1	357	284	95	79	SW	15	W	7	100	2	—	3.1	—	Dull a. Sunny intervals p.	
23	29.97	29.92	52.7	47.0	55.4	45.4	4.7	1.0	280	298	70	93	W	7	—	3	7	0	—	10.2	—	Sunny. Much passing cloud.	
24	29.74	29.77	50.4	50.0	56.1	45.4	2.4	0.7	318	342	84	95	SSW	13	SW	14	10	100	0.26	—	—	Overcast. • p.	
25	29.78	29.77	50.0	47.3	54.4	45.7	4.0	1.6	265	287	74	89	NW	14	SW	13	5	100	0.63	—	—	Bright and fresh. • n.	
26	29.42	29.46	53.0	50.8	54.8	46.6	2.2	3.0	342	296	85	80	WSW	17	W	23	9	0	—	0.6	—	• early a.	
27	29.58	29.31	52.0	46.0	56.0	45.8	3.0	1.2	310	283	80	92	SW	16	WSW	10	7	0	—	0.39	—	• 15 h. 50 m.—17 h. 20 m.	
28	29.28	29.10	49.0	45.3	53.0	43.0	3.8	0.5	259	291	74	96	SW	18	NE	7	7	100	0.67	—	—	• 19 h. 30 m.—22 h.	
29	29.53	29.80	49.4	47.7	53.1	43.0	3.4	2.6	272	269	77	82	NW	16	WNW	11	7	0	—	11.6	—	Bright and fresh.	
M.	29.865	29.859	47.1	45.1	51.5	41.1	3.3	2.3	256	253	77	83	11	9	6.0	4.1	2.82	184	—	—	—	—	

DUBLIN (PHENIX PARK), a.—APRIL 1911.

Heights above Mean Sea Level:—Station, H = 155 ft.; Barometer, H_b = 159 ft. Heights above Ground:—Therms., h_t = 4 ft.; Rain-gauge, h_r = 1 ft.
Long. 6° 21' W. Lat. 53° 22' N. Gravity Correction, +0.22 in. Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.						
							Dep. of Wet.		Vapour Pressure.										Percentage.					
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.					
1	ins.	ins.	47.7	42.8	51.8	42.0	1.3	0.4	299	266	91	97	ENE	6	NE	4	7	10	0	0.30	6.7	42	Fine.	
2	29.78	29.82	47.7	42.8	51.8	42.0	1.3	0.4	299	266	91	97	ENE	6	NE	4	7	10	0	0.30	6.7	42	• a. Overcast.	
3	29.84	29.91	44.5	39.2	51.7	38.9	0.8	1.3	275	214	94	89	—	2	—	1	10	0	0.06	0.7	38	Cloudy.		
4	30.06	30.23	36.9	33.6	41.5	32.8	0.8	1.7	202	158	93	83	NE	14	NNE	5	10	0	0.08	4.4	26	Overcast.		
5	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	—	2	N	6	9	10	0.05	—	22	Overcast.		
6	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
7	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
8	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
9	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
10	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
11	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
12	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
13	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
14	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
15	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
16	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
17	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
18	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
19	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
20	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
21	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
22	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
23	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
24	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
25	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
26	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
27	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
28	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
29	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
30	25	15	37.9	35.9	41.1	32.7	1.5	1.6	199	182	88	86	NE	17	ENE	9	5	9	0.16	8.0	26	• (sleet) a. • a. and p.		
M.	29.804	29.809	47.1	43.9	53.2	39.0	2.1	1.2	281	266	85	91	10	7	7.9	6.1	1.268	160	35.6					

LIMERICK, †—APRIL 1911.

Heights above Mean Sea Level:—Station, H = 47 ft.; Barometer, H_b = 50 ft. Heights above Ground:—Therms., h_t = 4 ft.; Rain-gauge, h_r = 1 ft.
Long. 8° 41' W. Lat. 52° 38' N. Gravity Correction, +0.20 in. Time, Dublin mean time.

1	29.84	29.90	48.0	44.9	56.0	42.2	1.0	0.4	30.9	28.9	93	97	SE	3	SE	1	10	2.2	0.7	35	● from 16 h. 30 m. Beautiful day. Fine. \cup 19 h. 30 m. Beautiful day.	
2	29.96	30.04	47.5	47.2	56.6	41.8	0.1	2.2	32.7	27.3	99	85	Calm	0	NE	1	10	10	2.6	2.9		35
3	30.19	30.34	43.0	32.0	47.9	32.0	4.5	1.7	18.9	14.3	68	78	N	5	NE	1	10	0	1.5	2.2		16
4	30.40	30.55	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	Calm	0	N	3	9	10	0	10.4		2.3
5	30.62	30.77	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	N	5	NE	4	1	0	0	9.6		2.0
6	30.84	30.99	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	NE	3	NE	1	5	0	0	0.2		2.8
7	31.06	31.21	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	NE	3	Calm	0	10	9.4	0	8.2		2.2
8	31.28	31.43	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	NE	1	N	2	0	10	0	4.8		3.4
9	31.50	31.65	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	NE	2	N	3	10	5	0	7.7		2.1
10	31.72	31.87	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	NE	4	NE	2	10	0	0	9.7		1.9
11	31.94	32.09	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	NE	3	NE	2	10	0	0	11.5	2.7	
12	32.16	32.31	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	Calm	0	Calm	0	2	0	0	9.8	2.6	
13	32.38	32.53	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	Calm	0	W	1	2	0	0	2.4	2.6	
14	32.60	32.75	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	Calm	0	Calm	0	10	0	0	3.7	4.1	
15	32.82	32.97	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	SW	3	SW	4	10	5	0.2	2.4	2.6	
16	33.04	33.19	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	W	3	Calm	0	10	10	0	0.8	0.1	
17	33.26	33.41	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	S	4	S	4	10	0	0.8	0.1	3.8	
18	33.48	33.63	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	S	5	S	6	9	0	1.5	1.7	4.0	
19	33.70	33.85	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	SW	4	NW	6	10	10	0.8	4.4	3.9	
20	33.92	34.07	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	W	6	S	8	10	10	1.8	4.2	3.3	
21	34.14	34.29	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	SW	4	SW	5	10	10	0.9	0.4	4.3	
22	34.36	34.51	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	S	5	SW	3	8	10	0	4.8	4.6	
23	34.58	34.73	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	SW	4	NW	3	9	0	0	3.2	3.9	
24	34.80	34.95	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	S	4	SW	4	10	10	0.7	1.1	3.5	
25	35.02	35.17	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	S	6	Calm	0	10	8	0	0.6	4.1	
26	35.24	35.39	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	W	5	S	3	8	10	0.8	9.4	3.4	
27	35.46	35.61	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	SW	4	NW	5	9	10	0.2	5.0	4.5	
28	35.68	35.83	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	S	4	W	2	4	0	1.9	5.7	3.4	
29	35.90	36.05	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	S	2	Calm	0	7	1	1.25	3.6	3.1	
30	36.12	36.27	38.8	25.2	46.5	25.2	2.1	3.4	16.8	17.3	81	74	NW	1	Calm	0	4	0	0.2	8.6	3.4	
M.	29.929	29.933	47.9	44.0	54.1	37.9	2.5	1.3	28.0	26.3	82	90		3.1		2.5	7.8	5.3	1.925	1.47	31.8	

FORT WILLIAM, INVERNESS-SHIRE, a.—MAY 1911.

Heights above Mean Sea Level:—Station, H = 171 ft.; Barometer, H_b = 49.8 ft. Heights above Ground:—Therms., h_t = 4 ft.; Rain-gauge, h_r = 1 ft.
Long. 5° 7' W. Lat. 56° 49' N. Gravity Correction, +.031 in. Time, Greenwich mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.					
							Dep. of Wet.		Vapour Pressure.										Percentage.				
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.				
1	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	SW	2	SW	4	10	100	1.33	—	—	Dull a. ••• p.	
2	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	SSW	4	WSW	3	100	6	58	—	—	• a. Sunny p. • n.	
3	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	SW	5	W	3	100	6	66	—	—	Showery. Sun and cloud.	
4	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	WSW	2	Calm	0	8	3	35	—	—	Showery. Sun and cloud.	
5	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	SW	1	Calm	0	6	2	01	—	—	• a., bright and sunny later.	
6	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	SW	3	SW	3	10	100	74	—	—	Cloudy till 14 h.; • later.	
7	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	SW	1	SW	5	9	10	33	—	—	Fair a. •• p.	
8	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	SW	2	Calm	0	7	1	—	—	—	Sunny throughout.	
9	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	NE	3	NE	2	9	6	—	—	—	Sunny till 15 h.; ∞ later.	
10	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	ENE	3	NE	3	4	1	—	—	—	Sunshine all day.	
11	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	NE	3	Calm	0	2	0	—	—	—	Sunshine all day.	
12	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	NE	3	NE	3	5	5	16	—	—	Sultry. Distant T 15 h. 30 m.	
13	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	NE	3	NE	3	100	10	61	—	—	••• all day.	
14	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	NE	3	Calm	0	10	10	05	—	—	••• or ••• most of day.	
15	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	SW	1	SW	1	100	1	—	—	—	••• a. Clear p.	
16	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	WSW	2	SW	1	4	4	—	—	—	Fair to fine.	
17	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	Calm	0	Calm	0	6	6	—	—	—	Fine and sunny.	
18	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	Calm	0	NE	3	8	1	—	—	—	Fine and sunny.	
19	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	NE	4	NE	4	4	1	—	—	—	Fine and sunny. [sunshine]	
20	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	NE	3	Calm	0	0	0	—	—	—	Very clear, with continuous	
21	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	W	4	Calm	0	0	10	—	—	—	Fine and sunny till evening, then	
22	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	SW	3	WSW	5	10	10	97	—	—	Cloudy, with ••• most of day.	
23	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	SW	4	SW	3	10	100	01	—	—	Fair to fine generally during day.	
24	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	SW	3	SW	3	10	100	05	—	—	Fine till 16 h., then •••	
25	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	SW	5	Calm	0	2	100	20	—	—	Fine till 16 h., then •••	
26	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	Calm	0	NE	2	6	5	—	—	—	Fine and warm.	
27	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	SW	1	S	2	10	0	—	—	—	Very fine and sunny.	
28	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	NE	2	Calm	0	3	—	—	—	—	Very fine and sunny.	
29	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	Calm	0	SSE	3	0	0	—	—	—	Very fine and sunny.	
30	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	Calm	0	SE	3	0	6	—	—	—	Very fine and sunny.	
31	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	Calm	0	Calm	0	8	8	—	—	—	—	Sultry. • in afternoon.
M.	29.74	29.56	45.2	48.5	50.6	31.8	3.2	0.6	231	226	77	95	2.3	1.9	6.4	5.4	6.05	—	—	—	—	—	—

DUNDEE, FORFARSHIRE, c.d.—MAY 1911.

Heights above Mean Sea Level:—Station, H = 160 ft.; Barometer, H_b = 164 ft. Heights above Ground:—Therms., h_t = 3.8 ft.; Rain-gauge, h_r = 1 ft.
Long. 2° 56' W. Lat. 56° 28' N. Gravity Correction, +.030 in. Time, Greenwich mean time.

1	29.68	29.50	48.0	48.7	55.2	37.0	3.0	1.5	263	306	79	89	SE	1	SW	5	10	0.08	—	—	Sun till 12 h. • 16 h.-17 h.
2	29.68	29.50	48.0	48.7	55.2	37.0	3.0	1.5	263	306	79	89	SE	3	SW	1	10.00	0	0.08	—	• till 10 h. Fine from 15 h.
3	29.68	29.50	48.0	48.7	55.2	37.0	3.0	1.5	263	306	79	89	SE	5	W	1	10.00	0	0.31	—	• till 16 h., then fine.
4	29.68	29.50	48.0	48.7	55.2	37.0	3.0	1.5	263	306	79	89	SW	1	W	5	5	0.04	—	—	• 13 h.-14 h.
5	29.76	29.56	49.9	47.0	57.2	33.4	5.4	2.1	237	273	66	85	W	1	W	1	5	10	—	—	Fine till 17 h., then dull.
6	29.04	29.06	54.6	53.2	60.0	38.0	5.4	3.8	205	306	67	75	SW	1	SW	3	0	10	0.01	—	Fine till 18 h., then dull.
7	29.89	29.79	54.8	50.5	56.9	50.2	5.4	3.8	351	328	82	89	SW	1	SW	3	10	10	0.07	—	Dull and cloudy. • 13 h.-18 h.
8	29.92	29.97	56.8	51.9	60.8	46.2	5.3	1.9	319	336	69	87	SW	1	SW	1	5	10	0.02	—	Fine till 16 h., then dull and
9	30.02	30.03	54.9	45.4	59.2	45.0	3.7	1.4	331	271	76	90	E	1	E	1	10	0	—	—	Cloud and sunshine. [cloudy]
10	29.99	29.95	55.2	49.0	62.0	47.0	4.4	2.5	319	287	73	83	E	1	E	1	0	0	—	—	Fine.
11	29.89	29.92	56.5	46.9	68.8	43.0	5.5	1.1	303	295	69	93	E	1	NE	1	5	0	—	—	Fine.
12	29.84	29.72	63.7	44.0	65.0	44.0	6.5	1.5	384	255	65	88	S	1	E	1	0	10	—	—	Fine till 19 h., then dull.
13	29.60	29.54	54.5	49.8	57.5	43.8	3.3	1.6	334	317	78	88	NE	5	NE	5	10	10	0.13	—	Dull and cloudy.
14	29.46	29.42	47.0	47.5	51.0	46.0	0.4	0.5	313	316	97	96	E	3	E	1	10	10.00	0.07	—	• to 7 h. •••
15	29.41	29.48	51.5	53.8	61.9	46.0	0.5	3.3	367	325	96	78	W	1	SW	1	10	10	—	—	Dull and cloudy.
16	29.66	29.74	51.8	49.2	62.0	42.0	3.3	1.2	302	319	78	92	SW	1	W	1	10	0	—	—	Dull till 15 h.
17	29.82	29.85	55.2	46.6	58.0	42.3	4.7	1.1	313	292	72	93	SE	1	E	1	5	10	—	—	Fine 12 h.-18 h. Dull.
18	29.91	30.01	53.0	48.2	60.2	45.5	3.5	1.7	311	295	77	89	SE	1	NE	1	5	10	—	—	Fine 13 h.-18 h. Dull.
19	29.99	29.12	50.5	46.5	59.2	42.8	4.0	1.7	271	277	74	88	N	1	NW	1	5	0	—	—	Fine.
20	30.12	30.11	51.0	44.0	57.2	37.9	3.5	1.5	288	255	77	88	NE	1	NE	1	5	10	—	—	Fine till 20 h., then dull.
21	29.98	29.85	47.8	47.5	93.5	40.0	5.3	1.3	332	296	70	90	SW	1	NE	1	0	5	—	—	Fine.
22	29.76	29.61	57.2	53.0	61.0	42.0	4.7	3.8	337	304	72	75	SW	1	SW	5	5	10	—	—	Fine till 15 h., then dull.
23	29.51	29.53	55.5	55.8	65.0	51.9	2.5	3.6	370	347	84	77	SW	5	SW	3	10	10	—	—	Fine 12 h.-16 h., then dull.
24	29.65	29.66	58.5	58.5	65.5	51.7	4.5	3.0	360	400	73	81	SW	5	SW	5	5	10	—	—	Fine till 17 h., then dull.
25	29.66	29.72	61.0	57.8	70.0	54.6	6.0	4.8	358	344	67	72	SW	3	SW	1	5	10	—	—	Fine till 20 h., then dull.
26	29.84	29.88	61.5	51.2	93.5	49.9	6.0	0.7	365	358	67	96	SW	1	NE	1	0	10.00	—	—	Fine till 18 h. ••• from 19 h.
27	29.94	30.06	55.5	52.5	65.8	50.2	1.5	1.0	397	368	90	93	SW	1	SE	1	10	5	—	—	••• till 10 h., then fine.
28	30.20	30.10	56.2	52.0	60.2	47.5	1.4	3.8	440	292	91	75	NE	1	NE	1	10	0	—	—	••• till 10 h., then fine.
29	30.11	30.18	62.7	53.8	65.5	43.0	6.2	3.8	378	312	67	75	SE	1	E	1	0	0	—	—	Fine.
30	30.11	30.03	64.5	55.8	68.5	45.8	4.3	2.8	460	367	76	82	SE	1	E	1	5	10	—	—	Fine till 20 h., then dull.
31	29.92	29.92	60.7	54.9	67.2	49.5	3.7	1.5	414	388	78	91	SE	1	SE	1	10	10	—	—	Fine 12 h.-18 h., then dull.
M.	29.796	29.802	55.1	49.9	60.8	44.4	3.8	2.2	334	307	77	85	1.7	1.7	6.0	7.0	0.81	—	—		

+ Beaufort Scale (0-12).

GLASGOW, LANARKSHIRE, a.—MAY 1911.

Heights above Mean Sea Level:—Station, H = 180 ft.; Barometer, H_b = 184 ft. Heights above Ground:—Therms., h_t = 7 ft.; Rain-gauge, h_r = 2 ft.
Long. 4° 18' W. Lat. 55° 53' N. Gravity Correction, +.029 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.						
							Dep. of Wet.		Vapour Pressure.										Percentage.					
							9 h.	21 h.	9 h.	21 h.									9 h.	21 h.	9 h.	21 h.		
1	ins.	ins.																						
2	29°63	29°48	48°9	49°2	53°1	37°1	5°4	1°3	228	318	65	91	SSW	7	S	14	9	100 ⁰	ins.	hrs.				
3	22	44	49°8	42°3	50°9	42°3	1°5	1°6	320	236	89	88	S	17	SW	7	100	0	139	0°8	27	● 16 h. 30 m.-18 h. and 22		
4	08	20	43°6	43°6	50°3	41°3	1°6	3°0	248	220	87	78	S	17	WSW	12	100	0	322	4°0	46	● a. Fine from 14 h. [mi		
5	45	61	48°4	43°5	51°7	40°5	4°2	1°8	244	244	72	86	SW	12	SW	7	8	4	381	2°4	41	● 7 h.-14 h.		
6	30°73	29°78	49°9	44°6	53°9	41°3	5°1	2°4	233	241	67	82	WNW	7	W	4	5	0	158	5°4	36	● showers. ~ 19 h.		
7	29°85	29°95	49°9	52°2	58°6	38°0	4°7	2°6	250	323	69	83	SW	4	SSW	7	7	100	0	016	5°5	28	● 2 h.-3 h.	
8	75	52°3	50°3	55°8	50°3		1°6	1°1	349	336	89	92	SW	7	S	14	100 ⁰	100	148	—	49	● 4 h.-5 h.		
9	91	93	51°9	52°7	57°6	47°0	4°7	4°8	272	279	70	70	SW	4	NE	3	9	100	043	3°1	43	● early a.		
10	95	94	54°9	47°8	61°4	47°4	2°9	5°4	338	216	80	65	E	9	NE	14	10	5	—	7°1	41	● early a. ∞ a.		
11	93	85	48°3	50°3	61°7	43°4	2°8	2°3	272	306	81	84	ENE	12	E	4	9	000	—	9°5	38	● Fine. Very clear sky.		
12	83	85	56°4	52°5	66°9	45°3	4°0	3°4	345	307	75	78	ENE	6	ENE	6	3	7	—	9°8	42	● Very fine and warm.		
13	78	65	57°9	54°1	68°1	46°7	5°4	3°4	331	326	69	78	E	7	NE	8	1	9	11°0	42	46	● Fine. [mi		
14	48	48	57°0	51°2	58°1	48°5	5°0	1°7	327	333	70	89	E	10	E	8	10	10	156	0°1	46	● 17 h.-19 h. and 22 h. 30 m.		
15	37	36	48°7	49°3	56°3	47°9	1°5	0°9	306	328	89	94	ENE	12	E	4	10	10	453	0°1	47	● showers. 18 h. 35 m.		
16	49	49	52°0	50°4	61°2	47°2	1°0	3°2	361	287	93	79	—	3	—	2	9	00	072	7°7	45	● early a. Fine p.		
17	62	74	51°1	50°2	59°4	46°4	2°1	3°2	322	284	85	79	—	1	E	3	9	00	—	5°8	38	● Dull a. Fine p.		
18	77	79	55°4	47°1	62°1	46°8	6°3	1°6	280	286	64	89	—	2	E	10	3	10	—	9°1	33	● Fine.		
19	29°87	29°94	49°9	51°9	64°3	46°3	2°9	3°9	287	289	81	75	NE	7	NE	7	9	5	—	6°2	44	● Fine.		
20	30°07	30°09	51°2	51°3	65°1	45°4	4°8	4°9	261	260	69	69	—	3	E	9	10	2	—	9°1	40	● Cloudy a. Fine p.		
21	10	30°07	51°1	47°1	62°3	46°9	5°0	3°2	256	260	69	77	E	4	ENE	9	10	4	—	6°6	42	● Fine.		
22	30°05	29°85	54°3	52°9	64°8	41°0	4°3	6°2	308	253	73	63	WNW	5	W	5	10	4	117	33	36	● showers from 20 h.		
23	29°75	29°51	55°4	51°1	60°0	47°8	7°4	1°8	258	330	58	87	W	8	SW	7	7	10	016	9°2	48	● showers.		
24	51	52	53°9	51°9	58°9	51°1	1°0	0°7	361	368	87	95	SW	12	—	2	100	076	—	3°0	49	● Fine, but squally.		
25	64	62	56°6	57°3	60°9	51°0	5°5	1°5	311	424	68	90	SW	9	SSW	10	9	5	—	13°2	51	● Fine, but squally.		
26	57	68	61°2	58°3	66°9	53°3	9°1	3°1	289	330	53	79	S	21	SW	4	1	4	—	4°6	38	● Cloudy.		
27	29°82	29°82	57°8	58°4	67°0	45°7	5°5	5°1	327	345	69	71	—	2	W	4	9	00	—	9°7	46	● Fine.		
28	30°13	30°03	56°9	55°2	68°2	53°0	2°6	5°0	386	300	84	70	—	2	W	4	9	00	—	6°0	37	● ∞ a. Fine afternoon.		
29	14	11	53°8	58°6	69°7	46°9	1°8	5°9	364	329	88	67	ENE	7	ENE	11	10	9	—	14°4	37	● Very fine.		
30	29°13	29°94	62°2	59°4	72°9	47°3	6°1	9°9	373	255	67	50	NE	6	E	8	0	00	—	12°7	39	● Fine.		
31	29°86	29°83	65°7	56°8	72°9	50°2	10°6	3°6	310	359	49	77	NE	8	ENE	12	0	8	—	1006	37	43	● showers a.	
			56°5	58°5	66°9	52°2	3°0	3°1	371	399	81	80	ENE	7	E	12	100 ⁰	3	—	1986	203	40°8		
M.	29°760	29°763	53°6	51°5	61°6	46°3	4°2	3°3	306	302	75	79		8		7	7°2	5°7	—	—	—	—	—	

DOUGLAS, ISLE OF MAN, a.—MAY 1911.

Heights above Mean Sea Level:—Station, H=277 ft.; Barometer, H_b=284 ft. Heights above Ground:—Therms., h_t=4 ft. Rain-gauge, h_r=10 ins.
Long. 4° 28' W. Lat. 54° 10' N. Gravity Correction, +.024 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.
1	ins.	ins.	48.4	46.9	51.6	36.9	1.9	0.0	in.	in.	37	100	SW	1	4	3	100	ins. 1.35
2	29.57	29.48	48.4	46.9	51.6	36.9	1.9	0.0	in.	in.	37	100	SW	1	4	3	100	h. 4.0
3	23	23	47.2	44.4	48.2	42.0	0.2	1.9	320	227	99	86	S	7	2	100	33	0.266
4	12	23	45.2	44.4	48.2	42.0	0.2	2.5	297	238	99	81	S	8	2	100	40	1.7
5	48	38	48.4	47.0	53.0	40.0	3.0	1.7	269	282	80	88	W	2	6	9	9	425
6	72	91	47.3	44.0	54.7	40.3	1.3	2.0	294	244	91	84	WNW	2	1	1	1	9
7	90	90	51.9	50.0	55.2	39.3	6.5	1.0	236	334	61	93	S	2	1	2	9	37
8	83	78	47.5	47.0	50.3	46.7	0.2	0.2	324	318	98	99	SSW	2	1	100	106	38
9	82	72	47.1	47.0	50.6	46.0	0.0	0.0	324	323	100	100	SW	1	3	100	106	38
10	72	66	57.8	57.2	65.3	47.1	5.7	4.4	270	279	68	72	E	2	3	900	2	42
11	63	63	60.0	55.3	69.7	52.0	4.6	2.6	379	364	73	83	ENE	3	2	0	0	43
12	59	49	58.0	57.0	66.4	52.3	4.5	2.0	355	405	74	87	NE	4	2	8	9	43
13	34	30	56.3	54.7	64.1	51.5	2.7	1.0	377	400	83	94	ENE	1	2	10	10	51
14	28	26	49.2	50.6	57.8	47.2	0.0	0.0	351	369	100	100	S	2	1	100	10	50
15	35	43	53.0	47.0	57.0	46.5	1.6	0.0	358	323	89	100	W	2	1	9	9	47
16	50	66	52.5	51.4	61.0	46.2	0.8	2.1	373	326	94	86	SSW	2	1	8	8	46
17	65	64	58.2	54.8	63.3	46.0	7.5	5.3	288	293	59	69	ENE	2	1	7	7	42
18	73	86	56.7	53.2	63.7	47.7	2.7	4.2	381	297	83	73	ENE	2	1	0	0	43
19	92	98	52.5	49.8	57.8	46.5	3.8	2.2	298	302	75	85	NNE	4	1	6	8	45
20	98	96	48.2	48.0	56.0	46.6	3.0	3.0	265	263	79	79	ENE	3	1	3	9	44
21	87	80	52.2	49.2	59.2	41.5	2.8	0.8	318	329	81	95	SE	2	1	0	0	39
22	72	62	58.0	53.2	60.2	41.4	5.1	3.8	340	306	71	75	W	2	3	9	9	43
23	56	52	53.0	51.4	60.2	46.5	1.7	0.0	355	380	88	100	WSW	5	2	10	10	48
24	63	63	56.9	51.3	60.3	50.8	2.9	0.0	378	378	82	100	SW	5	4	8	8	48
25	61	61	53.0	48.3	58.0	48.0	2.0	0.3	347	331	86	98	SSW	5	1	6	6	42
26	66	73	62.0	52.0	66.0	45.6	6.6	1.5	357	348	64	90	ENE	1	3	3	3	42
27	81	29.92	58.3	51.4	66.0	45.6	3.0	2.8	397	309	81	82	W	4	0	0	0	45
28	99	30.00	61.3	62.0	71.9	46.3	3.4	5.7	433	380	80	69	E	2	0	0	0	44
29	97	29.95	68.3	63.0	74.2	46.3	7.1	4.8	443	420	64	73	ENE	3	2	0	0	49
30	88	78	66.7	62.0	72.7	58.0	7.8	6.3	397	365	61	66	ENE	3	0	8	8	55
31	29.68	29.73	64.6	58.2	56.4	53	1.5	4.32	439	439	72	90	NE	3	1	0	0	53
M.	29.667	29.678	54.6	51.7	60.5	46.3	3.3	2.2	341	330	80	86		2.9	2.1	5.1	5.4	1.510

STONYHURST, LANCASHIRE, a.—MAY 1911.

Heights above Mean Sea Level:—Station, H=375 ft.; Barometer, H_b=363 ft. Heights above Ground:—Therms., h_t=7 ft. Rain-gauge, h_r=2 ft.
Long. 2° 28' W. Lat. 53° 51' N. Gravity Correction, +.023 in. Time, Local mean time.

1	29°53	29°48	50°0	50°0	56°0	35°3	5°0	3°2	245	282	68	79	SW	4	SW	7	7	10	0.025	3°5	28	Sunny intervals.
2	26	37	49°0	45°2	51°6	45°0	2°2	3°0	294	235	85	78	S	18	W	6	100	1°35	2°4	43	● 10 h.-15 h.	
3	24	16	46°5	44°4	49°0	39°0	3°5	1°4	238	260	76	89	S	23	WSW	8	100	1°30	—	32		
4	40	52	47°0	47°0	53°8	40°3	3°5	3°0	243	253	76	79	W	12	SW	5	6	10	0°07	10°2	36	Sunny, but cold. ● 22 h.
5	64	82	49°0	45°0	53°2	43°5	3°6	3°0	253	233	75	78	SW	7	—	3	100	0	0	35	Cloudy a. Fine p.	
6	80	84	51°0	50°0	57°2	30°0	4°0	4°0	276	265	74	74	SSW	5	—	1	6≡0	0	—	28	— Fine and sunny.	
7	80	74	54°0	52°0	57°6	44°3	4°0	2°1	310	333	74	85	SW	5	—	2	8≡0	10	—	36		
8	77	74	55°0	54°0	62°2	48°3	5°0	3°0	302	334	70	80	SSW	4	—	2	7≡0	10	—	43		
9	76	70	56°0	51°3	64°0	46°0	8°5	4°3	245	273	54	72	E	7	NE	5	5	3	10	39	Sunny through mist.	
10	63	57	58°0	53°4	65°8	47°8	4°5	5°4	355	273	74	67	NE	8	NE	4	6	2	11°1	42	Bright and sunny.	
11	53	54	59°2	54°0	67°8	49°0	7°2	3°2	306	329	60	79	NE	9	NE	5	5	2	—	42	Fine and warm all day.	
12	47	40	58°0	53°0	63°0	49°1	4°0	2°3	367	340	76	84	NE	7	NE	5	7≡5	5	0°20	2°6	41	Fine.
13	30	24	57°6	56°0	64°2	49°5	3°1	2°0	385	391	81	87	NE	4	NE	4	4≡0	10	3°90	3°7	44	● showers.
14	20	18	56°0	55°6	63°3	50°3	1°3	1°1	411	411	91	93	—	3	—	1	8≡0	10	0°40	2°3	46	Fine. T 14 h.-17 h.
15	27	35	54°3	52°4	61°5	50°7	2°3	2°4	357	330	84	84	SW	7	—	2	5	3	—	45	Fine.	
16	49	56	55°4	55°8	64°0	47°0	2°4	4°8	371	319	85	71	—	2	—	2	10	8	—	40	Fine.	
17	57	56	60°0	59°6	64°8	50°0	6°0	6°4	344	330	66	65	—	3	E	4	8≡0	10	2°40	2°4	44	Fine. T. ● 21 h.-23 h.
18	66	76	55°0	52°3	59°6	50°5	3°2	3°0	344	315	80	80	—	3	—	2	0≡0	10	—	42	47	Sunny through mist.
19	82	88	48°8	48°6	56°3	48°1	3°8	4°6	257	238	74	69	NE	4	N	4	10	4	—	1°7	42	Sunny intervals.
20	88	88	47°5	44°3	55°3	43°0	4°5	4°7	228	196	70	67	NE	6	—	2	5≡0	0≡0	—	10°2	40	Fine all day.
21	81	69	47°8	49°0	50°4	34°5	3°8	2°0	245	298	74	86	—	1	SW	4	4	0	—	9°4	29	Fine all day.
22	64	57	59°0	51°7	62°3	45°0	6°4	3°7	321	291	64	76	SW	7	WSW	4	5	0	—	10°8	42	Bright and sunny.
23	52	50	55°5	54°0	57°8	48°0	4°5	1°6	321	371	72	89	WSW	14	SW	6	10	10	6°90	0°1	44	Dull. ● 14 h.-20 h.
24	56	54	62°0	54°0	70°0	51°3	8°2	4°0	319	310	57	74	S	10	—	1	4	4	—	5°6	50	Fine.
25	56	63	59°5	59°5	66°6	47°0	2°5	3°5	429	401	85	79	—	2	—	2	10	7	—	11°2	48	Fine. Light cir. from N.
26	69	81	66°0	58°7	70°5	54°5	7°0	3°6	406	387	64	78	—	2	—	2	4≡0	5	—	6°7	53	Distant T 13 h. 30 m.
27	92	93	66°0	62°3	71°8	53°3	7°5	7°3	393	344	62	61	NE	4	ENE	7	0≡0	3	—	14°4	49	Bright and sunny.
28	88	85	68°0	61°5	74°8	52°9	9°0	5°5	387	377	56	69	NE	7	NNE	6	0≡0	0	—	14°6	48	Bright and sunny.
29	78	70	67°8	61°0	72°1	52°5	10°5	6°7	348	341	51	64	ENE	7	—	2	0≡0	4	0°95	13°7	48	Bright and sunny.
30	29°59	29°64	65°5	65°3	72°8	53°5	6°5	5°5	412	437	66	71	ENE	6	NE	4	0≡0	10	—	10°6	48	Sunny. T 16 h. 30 m. < 22 h.
M.	29°601	29°605	56°2	53°5	62°3	47°0	4°9	3°7	326	319	72	77		7		4	5°8	5°4	2°242	207	41°8	

* Miles per hour.

† Beaufort Scale (0-12).

SHREWSBURY, SHROPSHIRE.—MAY 1911.

Heights above Mean Sea Level:—Station, H=190 ft.; Barometer, H_b=212 ft. Heights above Ground:—Therms., h_t=4 ft.; Rain-gauge, h_r=1 ft.
Long. 2° 45' W. Lat. 52° 43' N. Gravity Correction, +.019 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.						Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.		
							Dep. of Wet.		Vapour Pressure.		Percentage.											
							9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.	9 h.
1	ins.	ins.	54.0	51.6	62.2	37.6	5.2	3.6	in.	in.	68	76	W	2	W	2	3	8	ins.	hrs.	°	
2	29.72	29.72	54.0	51.6	62.2	37.6	5.2	3.6	.284	.292	68	76	W	2	W	2	3	8	.01	—	36	Fine and bright a. Dull p.
3	48	57	51.0	45.0	55.2	45.0	3.2	0.2	.294	.294	79	98	S	2	S	2	8	1	.03	—	32	● showers a.
4	48	39	49.0	45.8	50.8	39.2	4.8	2.0	.239	.264	68	86	SW	5	SW	2	10	2	.26	—	37	● showers a. ● in afternoon.
5	61	71	50.0	45.0	58.7	38.7	6.9	3.0	.210	.233	59	78	WSW	2	W	2	6	7	.01	—	36	Beautiful day.
6	29.81	29.81	52.8	47.0	57.0	44.5	6.0	1.7	.256	.282	64	88	W	2	W	1	8	9	.01	—	44	● 15 h.
7	30.05	30.00	53.2	55.0	63.2	37.0	5.2	3.3	.275	.342	68	79	NNW	1	SW	1	8	9	—	—	37	Beautiful day.
8	29.96	29.96	56.0	55.2	61.0	44.8	5.0	3.4	.317	.342	70	79	SW	1	SW	1	10	10	—	—	42	Bright intervals.
9	.92	.86	55.3	51.5	64.0	40.5	4.3	2.5	.323	.316	73	83	SW	2	SW	1	10	4	—	—	44	Beautiful day.
10	.88	.80	57.3	54.0	68.5	40.5	4.2	2.48	.306	.306	53	73	SE	2	SW	1	2	2	—	—	38	Beautiful day.
11	.75	.67	60.2	57.3	60.2	41.2	6.2	5.3	.342	.325	65	69	SE	1	E	1	6	0	—	—	41	Dull a. Beautiful p.
12	.63	.62	58.0	59.0	73.0	44.0	4.8	4.0	.347	.380	72	76	ESE	1	ESE	2	2	7	—	—	41	Fine. T
13	.60	.51	61.2	58.0	68.0	44.0	6.0	2.3	.361	.413	67	85	NE	2	ENE	1	2	10	—	—	43	Dull intervals. T
14	.46	.38	53.0	52.4	67.8	62.0	1.0	1.4	.374	.355	93	90	SE	2	Caln	0	10	5	—	—	54	Dull a. T
15	.35	.34	54.7	56.3	67.5	45.0	0.7	2.5	.497	.382	95	84	SW	1	WSW	1	10	10	—	—	43	≡ early a. Fine day.
16	.42	.50	59.8	56.0	66.0	48.0	5.0	2.5	.367	.378	71	84	SW	2	SW	2	7	9	—	—	54	Dull intervals.
17	.63	.71	59.8	55.0	68.7	44.8	4.8	4.0	.371	.325	72	75	SW	2	NNW	3	9	10	—	—	44	Dull intervals.
18	.80	.71	56.7	54.0	70.0	42.0	4.7	4.0	.331	.310	71	74	NW	2	W	3	8	10	.25	—	41	☀ 16 h.-17 h.
19	29.94	29.97	55.0	50.0	49.3	3.7	3.0	.362	.349	60	75	NN	3	NNE	3	5	10	—	—	—	48	Dull intervals.
20	30.01	30.02	49.7	61.0	48.0	7.2	3.7	.304	.268	60	75	NN	3	NNE	3	3	3	—	—	—	43	Fine till noon.
21	29.96	29.87	47.5	58.5	43.8	5.2	3.5	.231	.248	66	76	N	3	NNE	3	3	0	—	—	—	42	Dull a. Brighter p.
22	.81	.51	51.0	65.0	36.2	6.0	3.0	.236	.299	63	80	NNW	2	NW	1	4	0	—	—	—	36	Fine.
23	.75	.60	54.0	69.8	37.0	6.2	3.5	.339	.322	65	77	NE	2	W	2	0	1	—	—	—	36	Beautiful day.
24	.74	.70	56.8	56.0	66.5	41.5	4.6	2.0	.335	.391	72	87	WSW	3	SW	4	9	9	—	—	38	Fine.
25	.77	.80	57.3	56.3	67.8	54.5	1.3	1.8	.430	.401	91	88	SW	2	WSW	2	10	7	—	—	54	Overcast till 10 h.
26	.72	.67	62.3	56.8	73.0	46.0	8.5	4.0	.316	.350	56	76	SSW	2	SW	1	0	3	—	—	42	Beautiful day.
27	.69	.74	57.0	59.0	71.0	41.0	4.0	2.0	.351	.436	75	88	SW	1	NE	1	10	10	.34	—	40	
28	29.84	29.95	57.7	57.0	66.5	53.8	0.0	4.0	.477	.351	100	75	ENE	1	NE	1	100	10	—	—	55	● 1 h.-8 h. Dull.
29	30.04	30.01	65.0	61.0	74.0	45.0	6.0	3.3	.418	.430	68	81	NE	1	ESE	1	0	2	—	—	55	Beautiful day.
30	.88	.68	68.3	60.0	78.0	50.2	7.8	6.0	.424	.344	61	66	NE	1	NE	1	0	0	—	—	50	Beautiful day.
31	29.74	29.75	68.7	60.8	77.0	40.8	10.1	3.8	.371	.413	53	78	NE	1	E	1	0	3	—	—	41	Beautiful day.
M.	29.734	29.748	61.2	66.0	75.0	54.0	4.7	4.0	.395	.496	74	78	E	2	S	1	10	10	.05	—	53	Beautiful day.

SOUTHAMPTON, HAMPSHIRE, a.—MAY 1911.

Heights above Mean Sea Level:—Station, H=64 ft.; Barometer, H_b=84 ft. Heights above Ground:—Therms., h_t=4.5 ft. Rain-gauge, h_r=1 ft.
Long. 1° 24' W. Lat. 50° 55' N. Gravity Correction, +.016 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.					
							Dep. of Wet.		Vapour Pressure.										Percentage.				
	9 h.	21 h.	9 h.	21 h.	Max.	Min.					9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.				21 h.		
1	29.95	ins.	56.0	48.4	59.1	43.1	5.9	1.1	in.	in.	66	92	NW	1	SW	†	ins.	hrs.	°	Fine and sunny.			
2	84	80	52.3	46.1	54.1	45.9	3.2	1.7	310	273	73	88	SW	5	NW	1	10	0	10.0	33	14 h.—18 h.		
3	85	86	50.5	50.0	52.3	38.9	4.1	0.8	268	339	79	94	SW	2	SW	2	7	100	240	41	16 h. 30 m.—21 h.		
4	29.83	29.92	52.5	47.1	55.4	40.7	5.5	1.6	261	286	66	89	NW	1	SW	1	3	0	—	11.0	31	Fine and bright.	
5	30.01	30.10	54.9	54.3	58.1	37.9	4.9	2.9	303	341	70	80	NW	1	NW	1	1	10	100.0	—	4.7	29	Fine and bright till 11 h.
6	20	19	57.9	50.6	64.6	47.9	8.8	3.4	259	285	53	77	NE	2	SE	2	0	0	—	10.8	46	4	α. Fine and sunny.
7	19	12	52.5	48.0	59.6	45.4	5.1	0.3	269	327	68	98	SE	1	SE	1	10	2	—	8.2	34	2	Fine and sunny from 10 h.
8	30.08	30.01	57.0	52.0	62.1	43.6	5.9	5.2	306	262	66	68	SE	1	SE	1	9.00	0.00	—	7.2	35	3	Fine and sunny.
9	29.93	29.85	63.0	59.4	70.6	44.9	8.4	5.2	328	355	57	70	NE	2	NE	2	0.00	0.00	—	13.5	37	4	Fine, sunny, and warm.
10	80	74	55.5	60.0	73.1	49.8	2.5	2.2	370	447	84	87	NE	3	NE	1	10	8	100	0.03	46	5	16 h.—18 h. 30 m.
11	73	71	58.0	58.8	69.1	50.4	3.5	3.7	380	386	79	78	NE	1	NE	1	1.00	2	100	6.8	45	6	15 h. 16 h. 30 m.
12	69	63	55.4	58.1	68.2	50.5	3.0	2.7	355	403	81	82	NE	2	SE	1	10	1.00	100	8.6	42	7	Fine and sunny.
13	58	57	64.0	60.3	70.5	51.9	4.6	4.2	443	394	74	76	SE	1	SW	1	1.00	8.00	0.80	11.0	42	8	Fine and warm.
14	53	57	56.7	52.7	63.1	51.7	1.2	1.2	424	365	93	92	SW	1	SW	3	100	8	0.20	3.9	45	9	showers α.
15	63	66	60.2	55.1	62.6	50.6	5.6	2.3	357	369	68	85	SW	1	SW	1	2.00	2.00	—	2.2	44	10	Fine, but close.
16	78	79	62.0	59.4	67.0	47.7	4.9	3.9	402	390	73	77	NE	1	NE	1	2.00	5.00	—	3.9	37	11	Fine, but close.
17	83	29.84	65.0	59.5	72.0	50.6	8.0	6.6	366	323	59	64	NE	2	NW	1	1.00	10.00	—	9.1	40	12	Fine, but close.
18	29.95	30.02	57.2	56.5	66.0	51.2	3.1	2.1	378	395	81	86	SE	1	NE	1	9.00	10.00	—	2.6	43	13	Fine, but close and cloudy.
19	30.09	30.06	58.5	50.6	61.0	48.7	7.1	3.0	300	294	61	80	NE	2	NE	2	1	10	0.10	4.5	44	14	Fine, but cloudy.
20	09	14	49.6	49.7	52.0	46.8	5.7	4.1	228	261	65	73	NE	5	NE	3	10	10	—	—	46	15	Dull.
21	13	30.05	47.5	45.9	57.2	45.9	3.6	1.9	246	266	75	87	NE	3	SW	1	10	1	—	4.7	45	16	Dull α. Fine p.
22	30.00	29.93	55.0	54.9	63.2	40.0	3.9	4.4	327	315	76	73	SW	1	SW	1	1.00	1.00	—	10.5	30	17	Fine and sunny.
23	29.97	29.98	59.7	55.7	65.9	46.4	6.6	2.7	326	368	64	83	NW	3	NW	1	1	2	—	9.2	36	18	Fine and sunny.
24	30.02	30.04	63.9	54.5	71.6	51.6	5.0	1.4	430	384	72	91	NW	1	SW	2	9	0	—	5.3	48	19	Fine and sunny.
25	29.95	29.83	61.3	58.3	67.9	49.7	5.2	5.7	383	329	71	67	SE	1	SE	1	4	1	4.00	8.4	45	20	Fine and sunny.
26	78	29.85	66.2	60.5	70.5	54.3	4.3	2.2	491	456	77	87	NE	3	NE	1	1	10	5.80	5.3	48	21	16 h. 30 m.
27	29.94	30.05	62.4	62.5	73.5	58.8	3.0	6.5	463	366	82	65	NE	1	NE	1	10	0	—	4.3	56	22	Dull, then fine and sunny.
28	30.12	30.07	69.7	63.3	75.8	53.7	9.3	6.7	406	374	56	64	NE	3	NE	2	0	0	—	12.9	45	23	Fine, sunny, and warm.
29	30.04	29.99	71.4	64.5	77.8	55.4	8.0	6.6	472	395	61	65	NE	3	NE	1	0	0	—	13.4	52	24	Fine, sunny, and warm.
30	29.93	29.87	65.2	62.8	76.9	52.4	6.9	4.2	397	434	64	76	NE	3	NE	1	0	0	0.60	9.9	49	25	Fine, sunny, and warm.
31	29.87	29.86	60.0	65.4	75.0	57.6	2.6	2.9	435	321	84	84	NW	1	NW	1	10	5	—	8.6	54	26	16 h.—18 h. 30 m.
M.	29.913	29.900	58.7	55.6	65.7	48.5	5.1	3.3	354	355	71	80	1.9	1.4	4.7	4.1	1.883	221	41.9				

FALMOUTH, CORNWALL, a.e.—MAY 1911.

Heights above Mean Sea Level:—Station, H=167 ft.; Barometer, H_b=183 ft. Heights above Ground:—Therms., h_t=4 ft. Rain-gauge, h_r=2 ft.
Long 5° 4' W. Lat. 50° 9' N. Gravity Correction, +.013 in. Time, Greenwich mean time.

1	29.89	29.82	51.9	50.0	55.1	44.7	3.4	1.3	301	327	78	91	SW	11	S	14	10 h.	22 h.	10 h.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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* Miles per hour.

† Beaufort Scale 0—12.

ARMAGH, a.—MAY 1911.

Heights above Mean Sea Level:—Station, H=196 ft.; Barometer, H_b=202 ft. Heights above Ground:—Therms., h_t=4 ft. Rain-gauge, h_r=1 ft.
Long. 6° 39' W. Lat. 54° 21' N. Gravity Correction, +.025 in. Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.						Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.			
							Dep. of Wet.		Vapour Pressure.		Percentage.												
							9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.	9 h.	21 h.
1	ins.	ins.	50.4	50.0	55.7	38.8	3.0	3.0	in.	in.	%	%	S	10	S	13	10	10	ins.	hrs.	°		
2	29.58	29.40	50.4	50.0	55.7	38.8	3.0	3.0	29.1	28.6	80	80	S	10	S	13	10	10	11.5	—	31	A few showers.	
3	29.27	29.45	47.0	43.9	50.0	42.1	1.3	3.2	29.1	21.9	91	76	W	6	SW	10	10	0	2.70	2.3	46	A few showers.	
4	28.96	29.06	44.5	41.4	51.0	41.4	0.6	3.2	28.9	19.8	96	76	S	21	SW	8	10	0	2.63	3.0	39	● till 13 h.	
5	29.54	29.68	50.6	43.9	55.0	39.0	5.6	2.9	24.0	22.5	65	78	SW	7	W	5	4	0	1.30	7.2	36	Fine a. ● showers p.	
6	29.83	29.99	52.6	49.0	55.5	41.1	3.6	3.0	30.3	27.6	79	76	SW	2	—	2	10	0	—	0.6	37	Cloudy and dry.	
7	30.02	29.92	52.3	52.2	55.2	39.9	3.7	3.0	29.8	31.3	76	80	SW	6	SSW	7	10	0	0.45	3.4	32		
8	29.83	29.77	53.8	53.4	58.0	49.9	1.5	2.2	37.2	34.7	89	85	SSW	8	SW	12	10	10	0.15	—	50	Frequent drizzle.	
9	29.87	29.89	53.6	49.0	55.2	47.4	4.0	1.4	29.5	31.2	75	90	—	2	—	3	10	10	0.17	—	47	Overcast.	
10	29.80	29.82	53.2	50.7	63.0	46.9	2.3	2.3	34.3	31.2	84	85	—	3	—	1	10	2	—	5.6	47	Fine.	
11	72	74	60.8	55.7	60.6	42.1	6.7	5.0	29.6	31.3	62	70	NE	4	—	2	0	0	—	13.8	34	Fine and sunny.	
12	71	73	57.5	55.7	60.8	45.3	5.8	7.0	36.0	28.2	68	62	NE	4	—	2	0	0	—	12.7	39	Fine and sunny.	
13	47	47	57	61.6	54.8	69.0	43.0	5.9	4.8	36.9	30.4	68	71	NE	4	—	2	0	0	0.13	10.4	36	Fine and sunny.
14	32	33	51.0	51.7	62.0	46.0	3.5	1.3	36.0	39.1	78	92	—	3	—	2	9	10	4.10	3.2	39	Fine.	
15	42	48	55.4	51.0	51.7	55.0	5.0	0.3	1.2	36.6	35.2	98	92	—	1	0	10	9	1.65	1.9	50	● a.	
16	64	73	53.0	49.6	61.2	47.2	4.3	0.8	32.4	33.5	74	95	—	1	0	8	9	2.10	5.3	43	● showers from 17 h.		
17	74	73	53.0	49.0	61.0	44.9	4.1	4.0	29.7	25.5	74	73	—	2	—	2	4	2	—	8.8	42	Fine.	
18	29.55	29.99	56.0	54.2	62.1	45.2	4.2	5.0	33.5	29.9	74	69	—	2	—	2	10	10	—	2.3	40	Fine.	
19	30.06	30.10	60.1	50.0	66.1	45.5	6.3	4.6	33.3	25.3	65	70	—	2	—	1	0	0	—	12.2	38	Fine.	
20	30.07	30.03	56.8	46.8	62.1	42.2	5.2	3.6	32.1	23.9	69	75	—	2	—	3	0	0	—	12.4	32	Fine.	
21	29.97	29.88	50.8	49.5	60.6	39.0	2.8	4.0	30.1	26.1	81	73	—	2	—	3	10	3	—	7.2	31	Overcast a. Fine p.	
22	78	58	51.0	51.0	65.9	40.4	1.0	3.7	34.8	28.3	93	76	—	2	—	2	10	0	—	8.3	33	Overcast a. Fine p.	
23	29.57	29.66	56.6	53.2	61.8	47.2	6.6	4.6	28.8	28.8	63	71	SW	6	SW	10	5	10	10.3	44	Overcast from 16 h. 30 m.		
24	67	65	54.9	54.8	60.0	52.0	1.7	1.0	38.2	40.2	89	94	SW	11	SW	7	10	10	1.00	—	51	Overcast. Drizzle from 16 h.	
25	51	51	57.3	58.0	63.5	50.0	3.4	2.0	37.1	42.1	79	87	SW	10	SSW	7	10	10	0.15	3.0	47	A few showers.	
26	78	66	59.9	50.8	63.0	50.8	3.4	2.0	37.1	42.1	79	87	S	19	—	2	1	10	0.90	7.6	48	Very fine a. ● showers p.	
27	29.86	29.86	52.4	46.5	61.1	46.5	2.0	4.5	34.0	21.9	87	70	NNE	4	—	2	10	0	—	5.0	49	Very fine from 14 h.	
28	30.09	30.06	56.8	49.0	64.0	39.7	5.6	3.5	31.2	26.6	67	76	—	2	—	2	0	0	—	14.2	32	Very fine.	
29	30.05	30.02	58.8	56.3	70.0	38.2	6.8	2.3	31.0	38.7	62	85	—	3	—	2	0	0	—	12.5	30	Very fine.	
30	29.95	29.81	66.6	61.8	73.7	47.0	5.8	6.8	45.2	34.9	70	63	—	3	E	5	0	0	—	14.5	38	Very fine.	
31	29.75	29.78	66.8	61.1	73.0	48.0	8.6	6.1	37.9	35.7	58	66	ENE	4	—	2	0	0	—	14.8	40	Very fine.	
M.	29.731	29.742	65.4	59.0	72.2	50.7	7.1	3.1	39.5	40.4	64	81	NE	4	—	2	0	0	—	14.3	43	Very fine.	

DUBLIN (PHOENIX PARK), a.—MAY 1911.

Heights above Mean Sea Level:—Station, H=155 ft.; Barometer, H_b=159 ft. Heights above Ground:—Therms., h_t=4 ft.; Rain-gauge, h_r=1 ft.
Long. 6° 21' W. Lat. 53° 22' N. Gravity Correction, +.022 in. Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.					
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.					9 h.	21 h.			
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.											
1	ins.	ins.	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	ins.	hrs.	°	Cloudy. ● p.	
2	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
3	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
4	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
5	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
6	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
7	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
8	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
9	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
10	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
11	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
12	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
13	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
14	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
15	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
16	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
17	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
18	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
19	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
20	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
21	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
22	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
23	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
24	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
25	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
26	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
27	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
28	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
29	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
30	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
31	29.70	29.55	51.8	50.9	56.7	40.9	1.9	0.7	336	355	87	95	SW	8	SW	15	10	10	08.5	1.9	36	Cloudy. ● p.	
M.	29.794	29.806	55.4	49.4	61.0	43.1	2.2	0.7	381	338	86	96	7	3	5.8	5.4	1.179	235	39.4				

LIMERICK (MUNGRET COLLEGE), †—MAY 1911.

Heights above Mean Sea Level:—Station, H=47 ft.; Barometer, H_b=50 ft. Heights above Ground:—Therms., h_t=4 ft.; Rain-gauge, h_r=1 ft.
Long. 8° 41' W. Lat. 52° 38' N. Gravity Correction, +.020 in. Time, Dublin mean time.

1	29.79	29.56	52.0	51.5	57.2	38.9	0.6	0.8	372	359	96	94	S	4	SW	6	10.0	10	11	0.2	35	~ 16 h.-30 m.
2	53	70	49.5	44.0	52.5	43.6	2.4	1.0	294	265	84	92	SW	6	W	2	5	2	53	10.9	38	
3	28	65	52.2	44.5	53.0	42.7	0.1	0.5	388	281	100	96	SW	4	NW	3	10.0	3	21	5.8	39	
4	29.79	29.92	48.0	47.2	56.0	36.6	0.9	0.0	312	325	94	100	SW	2	NW	3	7	3	02	4.1	32	
5	30.04	30.19	53.0	49.2	59.7	46.1	2.0	0.7	347	332	86	96	W	2	Calm	0	8	1	—	3.4	38	
6	23	14	52.6	51.6	58.7	48.1	2.4	1.6	332	340	83	89	SW	1	W	2	10	9	12	0.1	38	
7	03	00	52.7	48.8	55.4	48.6	1.6	0.5	354	333	89	96	S	6	NW	3	10	10.0	20	—	45	
8	30.05	30.00	50.2	50.0	52.7	45.9	2.0	0.3	312	353	86	98	N	1	E	2	10	4	12	—	44	
9	29.97	29.93	55.8	50.0	64.0	42.0	3.7	2.6	345	295	77	82	E	1	E	2	8	0	—	11.7	34	
10	88	82	58.5	58.0	70.1	41.8	4.1	3.1	370	390	75	81	Calm	0	NE	2	0	0	—	13.7	34	
11	81	83	60.0	57.8	72.0	49.1	4.4	3.1	385	389	74	81	NE	1	NE	3	3.00	0	—	8.9	41	
12	82	72	58.7	56.0	70.9	48.8	4.3	2.1	365	388	74	86	NE	2	NE	3	1	0.2	11.3	38		
13	62	52	59.7	54.0	67.5	46.9	3.2	0.6	414	400	81	96	NE	2	Calm	0	6	8.0	3.2	39		
14	49	53	59.0	49.6	64.4	49.3	3.3	1.7	399	313	80	88	NE	3	N	2	6	0	—	10.8	43	
15	58	60	51.8	50.0	56.3	42.8	2.1	2.9	331	288	86	81	Calm	0	NW	2	10	10	04	1.3	35	
16	84	90	52.7	49.4	60.0	47.1	4.2	3.3	292	274	73	78	W	1	W	2	9	3	—	3.5	36	
17	29.88	29.80	57.4	52.6	62.9	45.1	4.9	0.7	335	377	71	95	Calm	0	S	3	0	10	—	6.5	37	
18	30.00	30.16	54.9	57.0	66.0	41.1	4.2	3.4	320	367	74	79	SW	2	NW	2	7	1	—	13.0	35	
19	25	23	58.0	52.4	65.4	40.9	6.0	1.5	318	353	66	90	N	1	N	2	0	0	—	14.4	35	
20	24	21	52.6	52.1	65.6	42.1	1.7	1.7	350	344	86	91	NW	1	NW	3	5.00	0	—	5.4	37	
21	17	30.09	53.2	54.5	63.0	43.3	2.1	1.4	347	381	68	81	SW	3	SW	3	10	10	—	6.9	36	
22	30.05	29.93	55.3	52.5	59.7	48.3	5.3	2.8	300	322	68	81	SW	4	SW	4	10.0	10	—	12.1	43	
23	28.6	83	55.5	56.0	59.8	48.1	1.4	1.3	400	411	91	91	S	4	S	4	10.0	10	03	—	46	
24	89	82	60.3	56.4	63.8	53.4	2.9	2.1	431	393	82	87	S	4	S	5	10	10	02	1.2	50	
25	67	29.84	57.5	49.2	57.5	49.1	1.4	1.2	430	319	91	92	S	7	W	1	10	10.0	08	2.9	42	
26	29.94	30.02	53.1	49.2	61.0	48.1	2.2	1.1	344	322	84	93	N	2	N	1	10	0	—	3.8	40	
27	30.12	21	58.7	49.0	64.6	41.5	6.6	2.0	313	298	63	86	N	1	W	1	0	0	—	13.8	36	
28	24	18	59.0	58.9	71.2	36.3	4.6	2.4	364	423	73	85	NE	1	NE	1	0	0	—	12.5	30	
29	16	30.11	67.5	59.9	77.3	46.1	5.2	2.2	486	446	72	87	NE	1	Calm	0	1	0	—	14.1	39	
30	30.05	29.94	67.9	57.4	75.0	47.1	9.8	2.6	366	395	52	84	E	2	Calm	0	0	0	—	14.8	40	
31	29.87	29.95	65.8	53.3	74.8	43.4	5.8	1.4	437	367	69	90	E	1	SW	1	0	0	—	14.2	36	
M.	29.906	29.919	56.2	52.3	63.2	44.9	3.4	1.7	360	350	80	89	2.1	2.1	5.9	4.5	1.88	225	38.4			

FORT WILLIAM, INVERNESS-SHIRE, a.—JUNE 1911.

Heights above Mean Sea Level:—Station, H = 171 ft.; Barometer, $H_b = 49.8$ ft. Heights above Ground:—Therms., $h_t = 4$ ft.; Rain-gauge, $h_r = 1$ ft.
Long. $5^\circ 7' W$. Lat. $56^\circ 49' N$. Gravity Correction, +0.31 in. Time, Greenwich mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.						Humidity.			Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	
1	ins.	ins.	66.6	65.0	66.1	59.0	5.6	4.3	457	469	70	77	Calm	0	Calm	0	7	4	Distant T 17 h. 10 m.-18 h.
2	30.08	30.13	66.6	65.0	66.1	59.0	5.6	4.3	457	469	70	77	Calm	0	Calm	0	7	4	Sunshine all day. Air very dry.
3	29.99	29.95	67.1	67.3	79.1	50.0	12.6	11.3	345	348	39	62	SE	3	SE	4	0	0	Sunshine all day.
4	30.12	30.19	56.0	55.1	67.8	51.8	2.0	2.9	391	353	87	81	SW	3	W	3	7	10	Cloudy, with ∞.
5	30.27	30.37	54.5	54.9	59.1	45.0	2.9	3.1	345	347	81	80	SW	3	W	3	10	9	Dull and cloudy. $\bullet^o p$.
6	30.52	30.57	56.0	56.0	70.9	45.7	6.1	4.1	312	338	65	75	Calm	0	E	1	1	0	Mostly cloudless.
7	30.51	30.41	54.4	54.4	70.8	44.1	2.4	3.2	356	450	84	81	SW	2	E	1	10	10	Mostly sunny; cloud at times.
8	30.14	30.32	57.8	57.9	55.0	3.2	3.6	471	375	81	78	SW	1	WNW	3	8	7	0	Mostly sunny; cloud at times.
9	30.07	30.02	56.0	56.0	63.1	48.8	7.1	6.4	272	243	60	62	NE	4	NE	6	5	6	Mostly sunny.
10	29.99	29.92	55.0	55.0	66.0	38.0	5.9	5.4	282	266	66	67	Calm	0	S	2	5	8	Sunny day.
11	29.97	29.95	58.5	58.5	60.0	41.0	6.6	5.0	312	317	64	70	Calm	0	Calm	0	7	9	Fine and sunny.
12	29.90	29.92	54.0	54.0	60.9	39.3	5.1	4.1	286	251	69	72	Calm	0	ENE	3	10	2	Cloud and sunshine.
13	29.99	30.02	49.2	46.0	55.1	38.8	5.4	4.1	229	223	65	72	NE	2	NE	3	9	4	Cloud and sunshine.
14	30.10	30.10	48.7	53.9	64.7	37.9	5.7	6.9	219	249	63	59	NE	2	NE	3	7	2	Fine and sunny.
15	30.15	30.11	58.0	58.8	69.8	38.9	8.8	4.1	260	348	54	75	NE	1	Calm	0	1	6	Continuous sunshine.
16	30.06	29.86	60.9	59.7	72.8	44.0	7.2	9.0	328	275	61	54	Calm	0	SE	3	2	9	Sunny till 12 h., then dull.
17	29.59	29.43	55.0	56.4	59.7	50.0	5.0	2.4	302	385	70	85	Calm	0	Calm	0	10	4	Dull and cloudy. \bullet^o showers.
18	29.34	29.42	58.0	54.9	65.4	52.7	2.3	0.9	442	404	91	94	Calm	0	Calm	0	10	9	Dull and cloudy. \bullet^o showers.
19	29.47	29.48	61.5	56.7	65.1	52.3	4.9	3.1	393	371	72	81	SW	3	Calm	0	7	10	Sunny day.
20	29.61	29.69	55.0	50.8	61.0	50.3	2.2	0.6	370	357	86	95	SW	3	SW	2	10	10	Showery.
21	29.64	29.57	52.9	53.0	54.8	48.0	0.9	0.1	375	400	94	99	SW	3	WSW	4	10	10	\bullet^o all day.
22	29.23	29.46	54.9	51.9	58.7	51.5	0.7	3.0	410	311	95	80	SW	4	SW	3	10	10	\bullet^o till 13 h., then fine.
23	29.52	29.61	52.2	50.7	60.4	47.8	3.5	1.7	301	326	77	88	SW	4	Calm	0	4	4	Bright and sunny.
24	29.69	29.58	55.8	55.0	59.8	42.7	4.8	3.0	319	349	71	81	NE	4	NE	6	9	9	Dull and cloudy.
25	29.53	29.68	53.0	51.0	55.0	48.0	3.3	3.0	315	299	78	80	Calm	0	NW	4	9	10	Showery.
26	29.75	29.93	50.2	49.9	56.7	45.8	3.6	3.5	276	275	77	77	WNW	3	W	3	10	8	Cloud and sunshine. [intervals]
27	29.01	29.02	53.0	51.4	56.7	41.8	5.0	1.4	277	343	69	90	SW	3	SW	3	9	10	Passing \bullet^o showers. Sunny
28	29.92	29.96	55.3	51.1	60.0	49.1	2.7	1.4	362	340	83	90	SW	5	SW	3	10	8	\bullet^o showers till 12 h., then fine
29	29.74	29.54	51.6	50.1	55.9	49.0	0.9	0.9	358	338	94	93	SW	5	SW	3	10	10	Bleak and showery. [and sunny]
30	29.54	29.56	52.3	51.0	60.9	48.8	1.4	2.0	354	323	90	86	W	3	Calm	0	10	10	Mostly sunny. \bullet^o showers.
M.	29.890	29.885	56.5	54.7	63.9	47.1	4.8	3.7	333	333	73	78	2.0	2.4	7.3	7.0	3.29	—	—

DUNDEE, FORFARSHIRE, c.d.—JUNE 1911.

Heights above Mean Sea Level:—Station, H = 160 ft.; Barometer, $H_b = 164$ ft. Heights above Ground:—Therms., $h_t = 3.8$ ft.; Rain-gauge, $h_r = 1$ ft.
Long. $2^\circ 56' W$. Lat. $56^\circ 28' N$. Gravity Correction, +0.30 in. Time, Greenwich mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.						Humidity.			Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	
1	30.01	30.10	64.2	53.2	67.9	51.0	4.2	2.4	458	340	76	84	SE	1	NE	1	0	10	Fine till 14 h., then dull.
2	30.11	30.02	61.2	51.2	64.0	48.0	5.0	1.0	386	350	72	93	SE	3	NE	1	5	0	Fine.
3	29.94	29.90	63.2	55.5	65.5	47.5	5.0	2.0	418	384	72	87	E	1	E	1	5	0	Fine.
4	29.95	30.00	64.9	56.3	77.2	46.8	5.1	2.8	443	374	72	82	SW	1	NE	1	0	10	Fine till 20 h., then dull.
5	30.10	30.17	65.5	60.5	76.5	52.0	6.5	4.5	412	389	66	74	SW	1	SW	3	5	0	Fine.
6	30.38	30.38	55.0	51.0	63.0	47.5	3.0	1.2	349	343	81	92	E	1	NE	1	10	0	Dull till 11 h., then fine.
7	30.31	30.23	69.5	66.7	79.4	45.0	9.0	6.7	411	427	56	65	SW	3	NW	1	0	0	Fine. [cloud and sunshine.]
8	30.11	29.96	69.0	58.0	76.7	55.8	6.0	2.5	486	407	68	84	NW	1	SW	1	10	5	Fine from 10 h.-16 h., then
9	29.93	29.92	55.0	49.8	61.0	49.0	4.5	2.8	314	288	73	81	NE	1	SW	1	5	10	Fine from 12 h.-18 h.
10	29.87	29.82	51.5	48.5	57.0	40.2	4.5	3.5	271	259	71	76	SW	1	NE	1	5	10	Cloud and sunshine.
11	29.85	29.84	58.8	50.7	61.2	41.3	8.0	3.5	286	284	57	77	SW	1	NE	1	5	10	Fine till 15 h. Dull after 19 h.
12	29.74	29.78	55.6	46.4	60.2	43.4	5.1	2.7	210	255	70	82	NW	1	E	1	5	10	Fine.
13	29.82	29.85	53.2	46.2	57.2	40.5	6.0	3.7	259	233	64	75	NE	3	N	1	5	0	Cloud and sunshine. \bullet^o 11 h.
14	29.93	30.02	57.0	46.2	57.5	39.5	7.0	2.0	283	267	61	86	NE	1	SE	1	5	0	Fine. [then fine.]
15	30.03	30.03	56.0	48.0	60.0	42.0	8.0	2.5	254	274	56	83	S	1	NE	1	5	0	Cloud and sunshine till 16 h.
16	29.97	29.82	59.0	51.0	62.8	41.2	6.0	1.8	330	328	66	87	SE	1	E	3	5	10	Fine till 15 h., then \bullet^o .
17	29.55	29.36	51.0	52.2	52.8	48.3	1.0	0.3	348	382	93	98	SE	5	E	1	10	10	\bullet^o 15 h. 30 m. [then dull.]
18	29.25	29.30	56.5	54.2	60.2	50.5	1.3	1.0	418	391	91	93	E	1	NE	1	10	10	Cloud and sunshine till 17 h.
19	29.34	29.34	63.4	56.5	68.0	49.5	5.9	1.3	397	418	68	91	SW	3	S	1	5	10	Cloud and sunshine till 15 h.
20	29.42	29.58	64.0	56.0	69.0	49.2	5.0	3.0	431	365	72	81	SW	3	SW	5	5	10	Cloud and sunshine till 15 h.
21	29.59	29.51	55.5	56.0	59.5	50.2	2.3	2.0	376	391	85	87	SW	3	SW	1	10	10	Cloud and sunshine till 16 h.
22	29.22	29.33	58.5	55.5	65.2	54.5	3.0	5.5	400	298	81	67	SW	5	SW	3	10	10	\bullet^o 8 h.-11 h. [then showers.]
23	29.42	29.52	55.5	51.0	64.7	49.5	4.5	1.4	321	393	72	90	SW	3	NW	1	10	5	\bullet^o till 13 h., then fine.
24	29.51	29.30	51.5	51.5	54.5	47.5	1.5	3.5	341	293	89	77	NE	5	NE	9	10	10	\bullet^o till 12 h. [then night.]
25	29.23	29.43	56.5	53.7	62.2	49.0	3.0	4.2	371	303	81	73	N	5	W	3	10	10	Cloud and sunshine.
26	29.53	29.72	51.0	52.0	60.0	46.3	5.0	4.8	255	270	68	70	NW	5	W	5	10	10	Cloud and sunshine till 18 h.
27	29.85	29.83	58.2	55.2	65.5	45.6	5.4	3.2	335	347	69	80	SW	5	SW	5	10	10	Mostly cloudy. [then dull.]
28	29.72	29.81	59.5	55.0	63.5	50.8	2.5	4.0	429	325	85	75	SW	5	SW	5	10	10	Mostly cloudy.
29	29.66	29.42	57.6	52.8	62.4	49.8	4.1	2.8	359	325	76	81	SW	3	SW	3	5	10	Cloud and sunshine till 15 h.
30	29.36	29.39	56.8	53.9	63.5	48.0	5.3	3.7	319	316	69	76	SW	5	W	1	10	10	Fine to cloudy. [then dull.]
M.	29.757	29.756	58.5	53.2	63.9	47.3	4.8	2.9	356	332	73	82	2.5	2.1	6.7	6.7	0.88	—	—

† Beaufort Scale (0-12).

GLASGOW, LANARKSHIRE, a.—JUNE 1911.

Heights above Mean Sea Level:—Station, H = 180 ft.; Barometer, $H_b = 184$ ft. Heights above Ground:—Therms., $h_t = 7$ ft.; Rain-gauge, $h_r = 2$ ft.
Long. $4^\circ 18' W$. Lat. $55^\circ 53' N$. Gravity Correction, +0.29 in. Time, Local mean time.

DOUGLAS, ISLE OF MAN, a.—JUNE 1911.

Heights above Mean Sea Level:—Station, H=277 ft.; Barometer, H₀=284 ft. Heights above Ground:—Therms., h_t=4 ft. Rain-gauge, h_r=10 ins.
Long. 4° 28' W. Lat. 54° 10' N. Gravity Correction, +0.024 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sun- shine.	Min. Temp. on Grass.	Remarks.				
							Dep. of Wet.		Vapour Pressure.										Percentage.			
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.						
1	ins.	ins.	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	ins.	hrs.	°	K 4 h. Cloudy, then fine. Very fine. Very fine. Fine. Squally from 11 h. Very fine. Very fine. Very fine. Very fine. Very fine. Fine. Fine. Gloomy after 16 h. Gloomy till 14 h. Fine. ● p. Very fine. Very fine. Dull. Squally from 11 h. ≅ 10 h.-15 h. Cloudy, then very fine. Cloudy. Squally till 17 h. Dull. ● 16 h. 30 m. Dull. ● 18 h. 30 m. Very fine. Squally, with ● from 10 h. ● showers. / from 20 h. Dull, with ● showers. Fine, but cloudy. Dull, then fine. ● 13 h. 30 m.-20 h. 30 m. Cloudy. Squally till 16 h.
2	29.82	29.88	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	6.7	52	
3	29.86	29.90	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	14.3	53	
4	29.84	29.93	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	14.4	52	
5	30.05	30.13	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	14.1	50	
6	29.81	29.87	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	14.9	50	
7	29.81	29.87	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	15.2	48	
8	30.02	30.08	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	15.3	46	
9	29.73	29.79	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	15.5	51	
10	77.0	77.0	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	12.1	52	
11	77.0	77.0	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	7.3	45	
12	64.6	64.6	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	7.1	44	
13	69.7	69.7	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	14.5	45	
14	81.8	81.8	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	10.3	47	
15	89.8	89.8	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	14.6	38	
16	77.7	77.7	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	12.8	35	
17	31.1	31.1	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	20.6	05	
18	12.2	12.2	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	25.5	02	
19	24.31	24.31	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	01.2	50	
20	47.55	47.55	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	7.5	50	
21	61.49	61.49	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	5.0	51	
22	27.30	27.30	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	38.4	20	
23	39.45	39.45	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	26.0	05	
24	28.43	28.43	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	14.0	45	
25	26.44	26.44	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	40.0	40	
26	59.07	59.07	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	13.8	08	
27	84.88	84.88	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	01.5	08	
28	84.82	84.82	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	5.4	43	
29	67.45	67.45	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	15.5	50	
30	29.42	29.38	64.6	61.2	74.0	56.8	3.0	1.9	50.4	47.7	84	89	E	2	E	4	8	4	—	37.3	51	
M.	29.667	29.654	56.5	53.3	61.8	49.4	3.2	1.9	37.0	35.9	81	88	3.0	3.0	5.9	5.3	3.006	246	47.5			

STONYHURST, LANCASHIRE, a.—JUNE 1911.

Heights above Mean Sea Level:—Station, H=375 ft.; Barometer, H₀=363 ft. Heights above Ground:—Therms., h_t=7 ft. Rain-gauge, h_r=2 ft.
Long. 2° 28' W. Lat. 53° 51' N. Gravity Correction, +0.023 in. Time, Local mean time.

1	29.76	29.84	70.0	61.8	77.6	58.1	8.2	9.1	44.0	29.8	60	54	NE	4	N	7	0	0	—	13.3	56	Fine.
2	29.80	29.88	64.0	59.0	73.0	48.0	7.0	6.0	37.6	33.0	62	66	N	4	E	7	0	0	—	14.9	45	Fine.
3	29.80	29.88	66.5	61.7	70.8	50.3	7.5	4.5	40.1	40.8	62	74	NE	6	—	3	0	0	—	10.6	47	Fine.
4	29.83	29.91	69.0	58.0	74.5	52.8	6.6	3.5	46.9	39.3	66	81	—	2	W	4	0	0	—	13.3	48	Fine.
5	29.94	30.01	64.5	57.6	66.5	51.5	7.5	3.6	37.1	37.1	61	78	SW	7	WSW	4	0	0	—	13.7	45	Fine.
6	30.10	30.17	67.0	56.4	67.1	49.5	7.0	4.4	42.4	33.5	64	73	NE	5	NE	4	9	0	—	7.2	46	Fine.
7	30.15	30.02	61.8	64.0	76.5	47.0	7.8	4.0	32.5	46.1	59	77	—	2	—	1	0	0	—	12.6	41	Cloudy till noon.
8	30.93	29.72	70.0	60.0	75.8	53.0	8.0	3.5	44.6	40.9	61	79	—	2	SW	4	0	0	—	14.8	49	Fine.
9	62	67	56.0	48.0	62.0	47.0	4.5	5.0	32.9	22.4	73	67	NNE	6	—	3	10	2	—	6.0	43	Dull a. Sunny afternoon.
10	68	61	52.0	52.0	61.0	37.0	7.2	5.0	25.6	26.6	59	69	—	2	—	2	8	3	—	10.4	32	a. Fine.
11	62	59	58.3	54.0	64.5	43.5	6.7	4.0	30.6	31.0	63	74	SW	4	N	4	5	3	—	4.1	38	Cloudy.
12	53	50	58.3	53.0	62.2	47.3	5.3	4.7	33.8	28.4	69	71	W	5	NE	4	7	10	—	12.2	42	Fine.
13	55	58	53.2	48.0	57.0	44.2	8.0	5.6	22.3	21.3	55	64	N	7	N	5	7	4	—	7.1	37	Fine.
14	67	77	53.5	52.0	59.4	40.1	7.5	7.0	23.4	22.7	57	59	N	7	—	2	6	0	—	11.1	33	Fine.
15	82	80	57.0	55.0	44.0	37.7	9.0	7.1	24.4	25.8	53	60	NE	4	E	6	0	5	—	13.0	33	Very fine.
16	72	51	54.0	53.0	62.0	46.0	5.0	4.0	28.8	32.5	69	75	N	4	E	7	10	100	—	9.0	15	Dull and overcast.
17	58	17	59.9	56.5	68.5	52.5	3.9	2.5	39.9	38.4	77	84	S	7	—	1	100	100	—	1.9	43	16 h.-17 h. and 20 h.-21 h.
18	63	19	60.0	57.5	64.4	53.3	4.7	3.2	37.7	38.0	73	80	SW	5	SW	5	10	100	—	0.30	21	showers.
19	68	22	60.0	54.0	62.3	53.5	5.2	3.5	34.4	32.2	70	77	SW	7	—	2	8	3	—	2.30	23	showers.
20	58	50	54.0	50.0	61.0	49.2	2.7	4.6	34.2	35.2	82	73	WSW	10	SW	9	10	10	—	0.30	1.3	Dull and cloudy.
21	56	51	59.0	55.3	64.4	51.6	4.7	3.5	36.2	34.2	73	78	SW	10	SW	7	10	100	—	0.25	2.1	Cloudy.
22	29	27	59.0	56.2	63.1	54.5	4.0	3.5	38.0	35.5	70	78	SSW	18	SW	10	9	—	0.30	0.8	showers.	
23	33	28	57.0	52.2	62.0	48.6	5.7	4.2	31.1	28.5	67	73	SW	5	—	3	10	8	—	2.40	2.4	Dull and cloudy.
24	66	63	52.0	50.8	56.0	50.5	3.0	4.0	31.0	27.4	80	74	NW	13	WNW	12	100	100	—	1.040	—	5 h.-23 h.
25	44	31	51.3	51.3	57.0	48.9	2.8	3.1	30.8	32.1	81	79	W	10	WNW	7	10	8	—	0.50	0.2	Cloudy.
26	73	58	51.0	50.8	53.2	47.5	5.0	3.8	25.5	27.8	68	75	NW	11	NW	7	10	10	—	0.30	1.2	Cloudy. 14 h.
27	45	80	53.5	55.3	57.4	48.5	5.5	2.3	27.2	37.2	66	85	W	8	—	3	7	—	0.25	3.6	Sunny intervals.	
28	78	76	56.0	56.7	60.8	51.7	2.0	2.2	39.1	39.5	87	86	SW	10	SW	4	100	5	—	7.35	2.1	Cloudy.
29	64	42	55.0	54.0	61.0	52.5	1.6	1.7	39.6	36.8	89	88	SW	11	SW	11	100	—	2.70	0.5	4 h.-8 h. Cloudy.	
30	29.33	29.32	55.0	53.7	58.0	51.5	4.3	2.9	31.8	33.4	74	81	W	11	W	4	9	10	—	0.50	1.5	showers.
M.	29.580	29.577	58.7	55.3	64.1	48.9	5.6	4.2	34.2	32.9	69	74		7		5	6.5	5.3	37.80	186	45.5	

SOUTHAMPTON, HAMPSHIRE, a.—JUNE 1911.

Heights above Mean Sea Level:—Station, H = 64 ft.; Barometer, H_b = 84 ft. Heights above Ground:—Therms., h_t = 4.5 ft. Rain-gauge, h_r = 1 ft.
Long. 1° 24' W. Lat. 50° 55' N. Gravity Correction, +.016 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.																																																																																																																																																																																																																																																																																																																																																																																																															
							Dep. of Wet.		Vapour Pressure.										Percentage.																																																																																																																																																																																																																																																																																																																																																																																																														
9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	ins.	hrs.	°																																																																																																																																																																																																																																																																																																																																																																																																															
1	29.97	30.03	73.0	66.2	77.2	59.5	11.0	6.2	in.	in.	%	%	E	†	NE	†	ins.	hrs.	°	Very fine and warm.																																																																																																																																																																																																																																																																																																																																																																																																													
2	30.01	29.90	72.2	63.2	76.3	55.8	11.8	4.1	382	444	48	77	NE	1	SE	1	—	12.7	54	Very fine and warm.																																																																																																																																																																																																																																																																																																																																																																																																													
3	29.97	29.92	58.5	59.8	71.1	55.3	1.0	2.4	459	438	94	85	SE	1	SW	1	—	12.1	49	Very fine and warm.																																																																																																																																																																																																																																																																																																																																																																																																													
4	30.03	30.10	67.7	65.4	77.0	52.8	5.4	5.4	484	442	71	71	SW	1	SW	1	10	2	—	7.3	47	Very fine and warm.																																																																																																																																																																																																																																																																																																																																																																																																											
5	20	22	72.6	70.4	83.4	57.3	6.2	3.9	553	589	69	79	NE	1	SW	1	1.000	1.000	—	12.5	45	Very fine and warm.																																																																																																																																																																																																																																																																																																																																																																																																											
6	32	32	72.0	66.5	81.1	58.7	10.4	7.0	415	415	53	64	NE	2	NE	2	1.000	1.000	—	11.2	49	Very fine and warm.																																																																																																																																																																																																																																																																																																																																																																																																											
7	37	37	60.7	60.0	72.9	52.4	6.5	5.9	342	347	64	67	NE	4	NE	2	2.000	2.000	—	13.0	50	Very fine and warm.																																																																																																																																																																																																																																																																																																																																																																																																											
8	30.19	30.02	71.0	64.9	77.6	48.2	10.0	2.9	409	511	53	83	SE	3	SE	1	1.000	1.000	—	13.0	49	Very fine and warm.																																																																																																																																																																																																																																																																																																																																																																																																											
9	29.82	29.86	72.1	58.0	79.1	54.2	2.9	5.9	662	320	84	67	NW	1	NE	3	0.000	0.000	—	15.0	38	Very fine and warm.																																																																																																																																																																																																																																																																																																																																																																																																											
10	93	94	57.8	58.0	63.5	44.9	8.9	9.7	256	243	54	50	NE	2	SW	2	10	10	—	10.9	44	Very fine and warm till 16 h.																																																																																																																																																																																																																																																																																																																																																																																																											
11	96	93	60.5	53.8	65.8	43.3	9.5	4.8	273	290	52	70	SW	1	SW	1	—	10.9	44	Very fine and warm till 16 h.																																																																																																																																																																																																																																																																																																																																																																																																													
12	87	77	64.2	59.0	69.7	43.8	10.6	7.4	297	300	49	59	SW	1	SW	1	—	13.6	37	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																													
13	78	29.85	60.0	53.8	65.9	51.2	7.6	6.3	308	260	60	63	NE	5	NE	4	—	11.4	32	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																													
14	29.96	30.03	58.3	55.9	66.4	43.4	10.0	7.7	241	259	49	57	NW	4	NW	2	—	11.8	34	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																													
15	30.12	30.10	61.0	53.2	64.7	44.3	9.9	4.2	271	297	50	73	SE	2	SE	4	—	11.0	46	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																													
16	30.01	29.82	62.1	56.8	64.9	52.5	7.0	1.7	349	411	63	89	SE	3	SE	4	10	13.2	33	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																													
17	29.68	60	63.3	57.5	65.6	56.3	4.7	1.6	428	425	73	89	SW	4	SW	3	10	0.20	11.1	33	Fine and sunny. • showers																																																																																																																																																																																																																																																																																																																																																																																																												
18	51	67	58.4	57.5	66.5	55.7	2.3	2.2	418	408	86	86	SW	4	SW	1	100	0.60	50	• showers.																																																																																																																																																																																																																																																																																																																																																																																																													
19	57	60	57.0	55.3	60.2	55.2	1.6	0.6	417	420	89	96	SW	5	SW	3	10	1.00	41	55	Bright and cloudy alternately																																																																																																																																																																																																																																																																																																																																																																																																												
20	29.81	29.95	61.5	57.2	67.5	51.7	7.3	2.1	333	406	61	87	NW	4	SW	3	10	0.50	7.8	53	Bright and cloudy alternately																																																																																																																																																																																																																																																																																																																																																																																																												
21	30.01	30.01	63.0	55.5	67.4	55.5	7.4	1.7	351	392	61	89	SW	2	SW	2	10	0.20	11.1	33	Fine and sunny. • showers																																																																																																																																																																																																																																																																																																																																																																																																												
22	29.90	29.79	57.7	57.1	58.7	54.7	1.6	0.9	428	439	90	93	SW	6	SW	4	10	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.

FALMOUTH, CORNWALL, a.e.—JUNE 1911.

Heights above Mean Sea Level:—Station, H = 167 ft.; Barometer, H_b = 183 ft. Heights above Ground:—Therms., h_t = 4 ft. Rain-gauge, h_r = 2 ft.
Long 5° 4' W. Lat. 50° 9' N. Gravity Correction, +.013 in. Time, Greenwich mean time.

1	29.88	29.95	62.3	57.0	65.0	55.1	3.1	1.1	458	431	81	92	NW	10	N	7	10 h.	22 h.	10 h.			
2	91	77	65.8 <th>60.3</th> <th>68.1</th> <th>55.0</th> <th>5.8</th> <th>2.3</th> <th>437</th> <th>449</th> <th>69</th> <th>86</th> <th>E</th> <th>5</th> <th>—</th> <th>2</th> <th>0</th> <th>5⁼⁰</th> <th>—</th> <th>12.6</th> <th>—</th> <th>Fine and bright.</th>	60.3	68.1	55.0	5.8	2.3	437	449	69	86	E	5	—	2	0	5 ⁼⁰	—	12.6	—	Fine and bright.
3	72	29.84	61.0	57.0	66.5	54.7	2.0	1.1	470	431	88	92	—	3	—	2	10	0	—	13.9	—	Very fine.
4	29.95	30.04	64.3	58.6	70.2	53.2	4.3	1.7	457	440	76	89	NW	5	NW	7	1	0	—	4.8	—	Very fair a. Close air.
5	30.13	16	66.0	61.0	70.7	56.2	4.4	3.0	483	439	76	82	NNW	6	NW	8	2	0	—	11.6	—	Very fine and bright.
6	21	18	70.1	64.3	74.2	59.0	7.2	3.3	472	488	65	81	—	3	NNW	4	0	0	—	13.0	—	Very fine and bright.
7	21	30.12	63.2	60.9	65.6	59.7	5.8	3.8	396	414	68	78	ENE	7	ENE	4	0	0	—	13.1	—	Cloudless and hot.
8	30.04	29.89	63.4	63.0	67.1	57.5	5.3	4.9	413	417	71	73	E	8	NE	5	1	2	—	14.0	—	Bright and cloudless.
9	29.75	69	69.7	56.7	72.6	56.7	7.7	1.7	449	409	62	89	N	6	NNW	9	0	9	—	11.1	—	Fine.
10	83	85	56.1	53.0	59.2	50.8	5.1	3.1	316	320	69	79	E	7	—	1	10	9	—	14.5	—	Fine and bright.
11	84	82	60.4	55.5	62.3	48.3	6.4	5.1	340	307	64	69	SE	5	NE	4	1	0	—	9.5	—	Sunny from 10 h.
12	76	72	61.0	56.0	64.9	49.6	9.0	2.1	289	388	54	86	NE	7	N	5	2	0	—	14.6	—	Fine and bright.
13	72	79	57.2	54.1	61.0	48.0	5.3	5.2	323	285	69	69	NNW	12	N	6	4	0	—	14.5	—	Fine and bright.
14	91	95	56.6	53.0	62.9	47.1	8.6	3.8	248	304	54	75	NE	6	—	2	1	0	—	12.7	—	Fine and bright.
15	92	88	58.9	54.3	60.9	48.4	6.4	1.0	321	393	64	93	ESE	10	SE	10	4	10	24	3.6	—	Bright early. ● n.
16	76	62	60.6	57.2	61.0	54.9	1.6	0.7	476	447	90	96	SE	7	SSW	13	10	10	64	0.4	—	Overcast. ● 12 h.-16 h.
17	50	37	59.4	58.0	63.6	56.0	1.1	1.3	471	442	94	91	S	10	S	12	10	10	14	1.3	—	Overcast. a. Fair p.
18	42	51	59.8	57.3	63.8	54.7	2.8	1.3	426	430	83	91	SW	18	SSW	10	8	9	11.0	—	—	● showers early a.
19	40	62	57.0	55.8	62.3	55.0	1.0	2.5	434	375	93	84	SW	13	W	10	10	9	35	6.8	—	☾ noon.
20	81	89	54.9	56.9	63.0	51.2	2.2	2.7	370	384	86	83	W	8	WSW	8	7	10	05	5.2	—	Much passing cloud.
21	95	88	58.7	56.9	64.3	53.4	3.0	1.1	404	430	81	94	SW	9	SSW	13	7	10	08	2.7	—	Cloudy a. Cloud and sunshine [p]
22	72	66	59.2	57.3	63.0	53.9	0.4	0.6	490	452	88	96	SW	18	SW	12	10	5	06	12	—	● early a. and at times.
23	59	52	59.9	54.0	62.0	52.6	2.6	3.0	433	334	85	80	SSE	5	NW	7	9	0	14	2.1	—	Cloudy.
24	46	57	57.7	53.6	60.0	49.7	5.4	1.7	328	303	69	88	NNW	7	NW	6	7	10	11	8.4	—	● shower a. Fine day.
25	63	80	54.8	54.9	57.0	51.6	4.7	3.4	306	339	72	78	NW	12	NW	10	7	9	02	3.9	—	● early a. Cloudy to overcast.
26	29.91	29.98	54.2	52.0	58.0	50.2	6.5	2.9	260	313	62	81	NNW	12	W	4	7	5	—	9.6	—	Fresh pleasant day.
27	30.07	30.17	60.0	57.9	64.7	49.9	5.1	1.3	367	441	71	92	NW	7	W	6	5	10	—	10.8	—	Bright and sunny.
28	21	30.19	61.0	57.0	65.8	55.0	4.6	1.5	394	420	74	90	W	10	W	8	7	9	—	10.8	—	Much passing cloud.
29	30.09	29.89	59.7	56.3	63.0	53.1	3.7	0.6	399	436	78	96	SW	13	SW	14	7	10	45	2.0	—	Overcast. ● n.
30	29.72	29.64	57.8	56.8	61.0	52.3	1.7	1.5	427	417	89	90	SW	15	W	7	10	10	02	0.1	—	● early a. Overcast and damp
M.	29.833	29.831	60.4	56.9	64.1	53.1	4.4	2.3	395	398	75	85	9	7	5.2	5.4	2.47	252	—			

* Miles per hour.

† Beaufort Scale (0-12).

ARMAGH, a.—JUNE 1911.

Heights above Mean Sea Level:—Station, H = 196 ft.; Barometer, H_b = 202 ft. Heights above Ground:—Therms., h_t = 4 ft. Rain-gauge, h_r = 1 ft.
Long. 6° 39' W. Lat. 54° 21' N. Gravity Correction, +.025 in. Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.						Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.		
							Dep. of Wet.		Vapour Pressure.		Percentage.											
							9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.	9 h.
1	ins.	ins.	69.7	65.7	73.2	47.6	7.2	4.9	in.	in.	%	%	*	*			ins.	hrs.	°			
2	29.87	29.90	69.7	65.7	73.2	47.6	7.2	4.9	.464	.463	64	73	—	1	—	2	0	8	12.2	40	Very fine.	
3	74	29.80	68.0	61.6	73.5	53.0	6.3	5.3	.461	.384	67	71	SE	6	—	2	0	4	—	13.3	39	Very fine.
4	29.96	30.05	63.6	60.4	74.0	47.3	5.6	2.5	.407	.445	69	85	—	3	—	1	2	2	—	12.7	39	Very fine.
5	30.14	30.23	58.6	55.8	62.3	45.0	2.0	2.0	.431	.389	88	87	—	1	—	0	10	10	—	—	44	Overcast.
6	30.14	30.23	60.7	60.9	70.1	44.2	5.7	2.0	.361	.469	68	88	—	2	—	2	9	10	—	9.8	37	Fine.
7	35	35	59.5	48.7	64.9	48.7	5.4	1.1	.352	.317	69	92	N	4	—	2	0	0	—	12.9	51	Fine, but cool.
8	32	30.23	62.0	57.0	72.9	44.0	6.0	1.6	.372	.417	67	89	—	2	—	2	0	0	—	14.7	34	Very fine.
9	30.11	29.88	65.8	53.8	72.0	51.0	4.0	1.4	.493	.375	78	90	—	3	—	2	0	0	—	11.4	41	Very fine.
10	30.11	29.88	56.8	56.8	64.8	48.6	4.1	1.7	.348	.302	75	88	N	5	—	1	10	0	—	9.2	40	Fine, but cool.
11	81	78	56.2	48.7	63.0	42.9	4.2	2.7	.337	.279	74	81	SSE	4	—	2	7	0	—	4.2	34	Fine, but cool.
12	78	80	50.1	47.7	62.3	41.2	6.2	2.1	.292	.281	65	85	—	2	—	2	10	0	—	9.3	32	Fine, but cool.
13	75	76	55.0	46.6	61.9	40.3	5.0	2.8	.302	.254	70	81	—	2	—	2	10	0	—	5.9	38	Fine, but cool.
14	80	84	53.6	42.9	61.9	39.2	4.6	2.1	.292	.232	71	85	—	2	—	3	10	0	—	9.2	29	Fine, but cool.
15	90	94	55.0	47.9	63.7	35.8	8.0	4.2	.241	.239	56	72	—	3	—	2	0	0	—	14.5	28	Fine, but cool.
16	94	89	57.3	52.6	63.0	37.7	7.1	6.3	.285	.247	61	63	SE	4	SE	4	8	6	12.4	29	Fine, but cool.	
17	78	54	53.4	52.7	57.4	52.0	2.1	0.9	.351	.373	86	94	ESE	4	—	3	10	10	25.0	—	46	● 8 h., and from 18 h. 30 m.
18	29	20	59.4	54.9	66.2	51.6	3.3	1.8	.405	.379	81	89	SW	6	SW	4	8	5	11.0	3.3	51	12 h. 30 m.
19	32	40	62.0	56.2	66.7	52.0	3.9	2.8	.303	.372	78	82	—	3	—	1	8	8	.020	51	46	Fine.
20	54	40	56.9	53.2	64.8	46.6	5.8	0.9	.346	.380	68	94	SW	4	—	2	5	10	1.40	8.6	40	Fine a. ● 16 h.
21	59	63	59.9	52.6	61.7	47.3	4.2	1.7	.346	.350	74	88	SW	7	SW	4	10	10	.005	4.0	44	Fine.
22	24	41	57.9	50.9	60.8	52.0	4.1	0.8	.364	.408	76	95	SW	10	S	10	10	10	.230	—	50	Fine a. ● from 15 h.
23	44	42	57.6	50.2	61.3	50.2	1.9	1.1	.418	.335	87	93	SW	15	SW	4	10	10	.300	0.4	53	Wet day. Clear evening.
24	47	48	56.9	49.2	60.7	46.0	5.1	2.1	.323	.298	69	86	SW	4	—	3	6	10	.050	7.0	41	A few ● showers.
25	51	68	53.7	51.5	64.3	41.0	3.1	3.1	.329	.303	80	79	N	4	NNW	5	10	10	—	4.5	34	Fine, but cool.
26	76	86	51.7	49.6	56.0	47.8	3.4	1.9	.298	.308	78	87	NNW	5	NNW	4	10	10	.010	0.5	40	Fine, but cool.
27	92	97	49.6	47.9	60.0	45.5	4.3	3.5	.255	.253	72	77	NW	4	—	2	10	10	—	4.4	43	Fine, but cool.
28	93	97	53.4	53.1	67.0	40.3	3.0	2.9	.327	.326	80	80	—	3	—	2	10	10	—	5.3	31	Fine.
29	71	53	58.1	52.3	65.0	51.3	4.7	2.2	.351	.334	72	85	W	4	SW	4	10	10	.110	7.0	43	Fine.
30	29.50	29.48	57.1	51.0	58.5	50.8	4.0	0.8	.338	.353	73	94	SW	10	—	3	8	10	.190	1.2	48	● showers.
			57.9	51.9	59.2	46.8	4.8	3.5	.346	.299	72	77	—	3	—	2	10	10	.035	3.3	43	Fine.
M.	29.746	29.745	58.1	52.7	64.4	46.6	4.7	2.4	.356	.339	73	84		4		3	7.0	6.0	1.520	205	40.5	

DUBLIN (PHŒNIX PARK), a.—JUNE 1911.

Heights above Mean Sea Level:—Station, $H = 155$ ft.; Barometer, $H_b = 159$ ft. Heights above Ground:—Therms., $h_t = 4$ ft.; Rain-gauge, $h_r = 1$ ft.
Long. $6^\circ 21'$ W. Lat. $53^\circ 22'$ N. Gravity Correction, $+0.22$ in. Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.					
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.					9 h.	21 h.			
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.											
1	ins.	ins.	68°	60°	71°	43°	3°	0°	562	500	82	95	—	*	3	—	3	0	9	ins.	hrs.	38	Fright to cloudy.
2	29°92	29°95	68°	60°	71°	43°	3°	0°	562	500	82	95	—	*	3	—	3	0	9	—	9°4	38	Fine and bright.
3	29°91	29°80	67°3	56°5	72°1	44°1	2°4	0°6	577	439	86	96	E	5	—	3	1	5	—	12°7	43	Beautiful day.	
4	29°78	29°56	62°9	52°8	70°9	44°9	2°5	0°4	488	389	85	97	NE	7	—	0	0	2	—	11°0	38	Fine, but overcast.	
5	30°01	30°12	59°8	59°3	63°1	50°7	1°9	1°0	453	473	89	94	—	3	—	3	10	10	—	0°1	44	Fine and bright.	
6	20	27	62°0	58°8	70°2	48°8	3°1	0°4	453	483	82	97	W	4	—	2	1	3	—	13°2	43	Overcast to bright.	
7	38	36	57°2	51°8	63°6	50°5	2°1	0°3	406	379	87	98	NNE	6	—	2	10	0	—	9°5	44	Beautiful day.	
8	35	26	62°9	53°8	67°3	42°1	3°0	0°1	472	413	82	99	NE	7	—	1	0	0	—	14°3	37	Beautiful day.	
9	30°15	30°01	66°0	53°6	70°5	42°1	2°8	2°0	536	355	84	86	E	6	—	3	0	0	—	14°2	39	Cloudy to bright.	
10	29°88	29°86	61°5	50°4	65°1	43°1	4°6	1°1	401	338	74	92	N	9	—	3	8	1	—	14°1	37	Cloudy.	
11	87	82	59°7	55°7	63°3	37°6	1°1	5°2	477	309	94	69	ESE	6	SSW	4	1	10	—	7°2	33	Cloudy.	
12	83	83	56°1	53°8	61°1	48°1	2°1	2°0	390	359	86	87	NE	5	—	2	9	—	—	6°9	43	Cloudy.	
13	81	78	58°8	51°5	61°3	48°3	4°1	1°8	375	334	76	88	NNW	6	N	5	8	5	—	1°8	44	Cloudy.	
14	83	87	53°0	43°1	59°3	42°7	2°1	0°6	345	265	85	95	—	2	—	1	10	5	—	6°2	34	Cloudy.	
15	94	99	56°2	44°3	58°8	33°9	3°9	2°6	345	235	76	80	ENE	4	—	1	5	4	—	14°0	29	Cloudy to bright.	
16	98	93	58°1	55°4	61°0	31°5	5°1	2°5	341	368	70	84	E	6	ESE	4	10	10	—	9°8	28	Fine.	
17	81	53	51°2	53°8	56°2	49°4	1°4	0°3	340	407	91	98	ESE	6	E	8	100°	100	—	2°80	—	49	°2 a. Overcast.
18	36	25	61°6	55°0	70°6	53°3	2°8	1°2	457	397	84	92	SSW	9	S	4	7	6	—	0°65	30	50	°2 a. Cloudy. ° showers.
19	40	49	59°2	54°8	64°9	50°9	3°3	0°3	402	422	80	98	—	3	W	6	8	9	—	0°94	27	46	°2 a. Cloudy. ° showers.
20	64	72	55°8	54°9	64°9	47°9	1°1	0°8	414	408	93	95	WSW	8	WSW	7	100°	9	—	0°15	5°8	50	°2 a. Cloudy. ° showers.
21	72	59	61°3	56°2	62°6	52°7	2°8	0°4	451	440	83	98	SW	14	SSW	11	5	100°	—	0°55	2°3	50	°0 showers.
22	40	50	58°8	49°6	64°8	48°8	1°1	0°3	461	348	94	98	SW	14	WSW	4	10	4	—	1°85	0°4	54	°0 showers.
23	53	49	56°3	48°0	63°2	47°7	2°6	0°2	379	330	83	99	SW	6	—	2	8	9	—	3°70	3°8	40	T△° showers.
24	48	52	57°4	53°6	60°3	43°9	2°5	1°6	398	366	84	89	N	9	NW	9	8	9	—	0°30	37	39	Cloudy to overcast.
25	55	76	52°8	51°8	57°2	48°0	1°1	0°9	369	361	97	93	WNW	12	WNW	12	10	10	—	0°6	45	40	Cloudy to overcast.
26	29°85	29°92	51°5	49°8	61°8	44°4	2°0	1°4	329	322	87	90	NW	10	—	3	10	6	—	10°8	41	41	Fine.
27	30°01	30°06	57°8	56°9	68°8	40°4	2°1	0°8	415	438	86	95	WSW	7	WSW	7	9	8	—	0°99	7°3	34	Fine, but cloudy.
28	30°01	29°99	60°4	55°0	66°0	50°9	1°7	0°5	469	418	90	97	WSW	10	W	5	9	10	—	0°15	1°4	48	°0 showers.
29	29°83	29°55	58°3	53°1	62°6	51°9	1°7	0°2	435	399	89	98	W	12	SW	7	10	10	—	1°30	0°7	54	°0 showers.
30	29°61	29°53	56°0	54°0	62°4	48°9	2°1	1°1	388	385	86	92	WNW	6	—	1	10	10	—	2°8	47	47	Fine, but cloudy.
M.	29°810	29°803	58°9	53°5	64°4	46°2	2°5	1°1	426	384	85	93	7	4	6°6	6°7	1°541	194	42°2				

LIMERICK (MUNGRET COLLEGE).†—JUNE 1911.

Heights above Mean Sea Level:—Station, H = 47 ft.; Barometer, H_b = 50 ft. Heights above Ground:—Therms., h_t = 4 ft.; Rain-gauge, h_r = 1 ft.
Long. 8° 41' W. Lat. 52° 38' N. Gravity Correction, + '020 in. Time, Dublin mean time.

1	30°05	30°09	55°5	55°2	74°7	42°6	1°0	1°1	44°1	40°4	100	93	Calm	0	W	1	10≡1	0	10°0	35	≡ ³ 7 h.
2	30°03	29°89	58°2	53°7	74°9	48°3	1°4	0°8	44°2	39°0	91	94	NW	1	W	2	10≡1	2	11°0	46	T 15 h.
3	29°91	30°00	55°0	57°3	65°8	48°6	0°1	1°3	43°0	43°0	90	91	N	1	NW	3	10●	1	10°50	44	Dull a. Fine p.
4	30°16	27	60°2	54°1	63°6	53°4	3°4	2°8	41°5	34°1	89	81	N	2	W	3	9	10	—	46	
5	35	42	60°2	56°0	65°8	44°3	4°7	0°5	38°0	43°4	73	97	SE	1	W	3	3	10	—	46	
6	50	44	57°1	59°3	68°9	55°5	1°5	3°9	42°1	388	90	76	N	4	N	3	3	10	—	51	
7	41	32	67°1	59°8	76°7	50°1	6°1	4°7	452	374	68	73	E	3	Calm	0	0	—	—	40	
8	22	30°09	67°3	62°0	78°7	50°6	4°8	4°0	495	427	74	77	N	2	Calm	0	0	—	—	42	
9	30°03	29°97	62°3	55°0	68°7	53°6	4°0	2°4	432	365	77	85	NE	4	N	3	4	—	—	45	
10	29°97	95	61°0	51°2	68°1	40°1	4°8	0°8	388	355	73	95	SE	1	S	2	3	—	—	33	T 15 h.-30 m.
11	93	93	60°2	57°3	69°8	43°7	5°1	4°2	370	351	71	75	Calm	0	N	2	3	—	—	38	
12	93	92	58°9	55°3	65°4	41°9	3°7	3°6	387	340	77	77	NE	1	NE	3	6	10	—	38	
13	29°96	54°0	53°0	64°4	44°8	6°6	5°1	—	256	275	61	69	N	2	N	3	4	10	—	38	
14	30°03	30°06	59°4	50°1	65°4	44°8	6°8	2°6	317	297	63	82	E	1	S	2	6	10	—	38	
15	30°03	29°92	55°1	54°8	62°7	40°8	6°0	2°9	281	350	65	81	E	3	E	4	9	10●	0°15	33	T ▲ noon. ● 18 h.-19 h.
16	29°80	59	59°3	56°0	66°8	52°5	2°9	0°2	415	443	82	99	E	3	N	2	8	10●	1°10	45	
17	43	34	65°0	54°9	68°2	52°1	5°3	0°5	438	416	72	97	S	3	S	1	5	7	—	37	T ▲ noon. Very wet p.
18	38	51	59°8	56°0	64°4	49°9	2°3	2°1	442	388	86	86	W	2	W	1	8	9	3°15	47	K all day.
19	54	71	58°9	52°8	61°4	48°5	4°8	2°9	358	324	72	80	W	3	W	3	9	10	1°060	43	Very wet day. Cleared 18 h.
20	78	88	60°2	55°0	62°4	45°5	5°3	1°8	305	381	70	88	SW	3	SW	3	6	10	—	48	
21	87	62	60°9	58°0	64°8	49°7	4°8	1°1	387	448	73	92	SW	3	W	5	10	10	2°00	43	
22	54	67	56°5	50°0	58°9	49°8	0°8	1°1	433	332	95	92	SW	4	W	1	10●	1	1°90	42	
23	67	68	53°4	50°8	61°3	44°2	3°4	2°2	317	316	78	85	W	1	NW	2	7	10	3°95	37	
24	65	29°80	52°0	52°0	62°8	49°1	3°3	3°1	342	308	79	79	NE	5	N	3	6	10	1°123	44	● showers to 13 h.
25	29°84	30°00	52°6	50°5	57°9	47°5	3°0	1°8	318	322	80	88	NW	3	NW	3	10	10	—	43	
26	30°05	708	56°4	51°0	58°2	47°1	5°5	1°4	310	338	68	90	NW	3	Calm	0	6	10	—	41	
27	15	22	57°5	57°1	63°0	50°2	0°0	0°6	474	449	100	96	W	2	SW	3	10	10	1°010	54	Very fine p.
28	21	30°13	58°2	56°0	60°0	54°1	0°5	1°1	470	416	97	92	SW	4	SW	3	10	10	1°110	49	
29	30°00	29°79	57°8	54°0	59°8	53°1	3°7	0°7	372	397	78	95	SW	4	SW	2	8	10●	1°110	50	
30	29°75	29°70	57°2	52°8	61°3	51°1	4°5	2°2	342	341	73	85	W	4	W	1	8	10	1°010	44	
M.	29°939	29°932	58°7	54°7	65°5	48°2	3°6	2°1	390	371	79	86		2°3		2°1	6°9	6°0	1°808	194	41°8

* Miles per hour.

† Beaufort Scale (0—12).

‡ This Station takes the place of Birr Castle. The daily values for January, February, and March will be published at the end of the year.

DAILY READINGS AT STATIONS OF THE FIRST AND SECOND ORDERS, 1911.

DEERNESS, ORKNEY, a.b.—JULY 1911.

DEERNESS, ORKNEY, a.b.—JULY 1911.
 Heights above Mean Sea Level:—Station, H = 160 ft.; Barometer, $H_b = 163$ ft. Heights above Ground:—Therms., $h_t = 4$ ft.; Rain-gauge, $h_r = 1$ ft.
 Long. $2^{\circ} 45'$ W. Lat. $58^{\circ} 56'$ N. Gravity Correction, +.036 in. Time, Greenwich mean time.

Long. 2° 45' W. Lat. 58° 56' N. Gravity Correction, +036 in. Time, Greenwich mean time.																								
Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0-12) or Velocity (miles per hour).				Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Temp. on Grass.	Remarks.				
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h. 21 h.		9 h.	21 h.								
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.										
1	ins.	ins.																						
2	29.30	29.39	47.4	46.8	52.8	44.5	1.4	1.2	.293	.291	90	91	W	7	NW	7	9	8	—	05	2.7	—	● after 6 h.	
3	'52	'74	48.6	46.6	52.5	43.3	3.0	2.2	.271	.267	79	85	NW	18	NW	13	6	2	—	47	—	—	—	
4	'90	'99	52.6	50.6	56.2	44.1	3.0	2.2	.318	.313	80	85	NNW	7	SSE	9	8	9	—	7.7	—	—	Fine all day.	
5	'92	'95	51.6	55.3	59.3	50.5	0.0	0.6	.382	.420	100	96	SSW	11	W	9	10	10	—	—	—	—	Damp a. Dull p.	
6	29.77	'98	57.3	55.1	71.3	52.9	5.5	0.5	.473	.420	71	96	SW	14	S	15	1	8	—	11.6	—	—	Very fine all day.	
7	30.03	29.92	54.4	52.6	59.5	48.3	1.0	2.0	.414	.395	93	86	SW	9	W	11	10	1	—	3.5	—	—	Fine.	
8	'08	30.25	54.2	48.6	59.1	47.5	4.3	0.0	.309	.397	73	100	SW	7	SE	5	4	100	—	28	9.6	—	● after 19 h. 30 m. ≡ from 22 h.	
9	'34	'38	54.9	51.6	56.9	48.6	3.5	1.0	.325	.318	77	93	NW	14	N	5	9	2	—	9.0	—	—	≡ n. Very fine.	
10	'40	'41	61.0	59.8	56.1	46.5	3.1	1.2	.347	.350	80	92	SE	5	S	4	2	0	—	15.0	—	—	Very fine all day.	
11	'41	'37	67.6	60.0	63.5	48.6	4.2	6.8	.405	.323	76	63	S	4	—	1	0	0	—	17.0	—	—	Very fine all day.	
12	'45	'34	65.9	57.6	71.8	55.0	6.3	1.3	.424	.435	67	91	—	3	NW	8	0	1	—	16.8	—	—	Very fine all day.	
13	'32	'26	65.4	55.6	67.6	54.3	6.7	2.6	.406	.369	66	83	NW	13	NW	16	2	9	—	14.0	—	—	Very fine all day.	
14	'13	30.17	57.4	50.6	67.5	50.3	0.8	2.9	.448	.296	95	80	W	22	NNW	14	10	8	—	1.7	—	—	Very fine all day.	
15	30.15	29.80	51.6	52.3	54.5	48.3	4.8	0.4	.267	.381	71	97	NW	7	SW	18	10	100	—	15	0.5	—	● from 19 h.	
16	29.72	'71	49.6	46.1	53.5	46.0	1.4	1.3	.319	.282	90	91	NNW	20	NW	10	9	9	—	13	1.6	—	● showers a. and p.	
17	'51	'29	45.8	51.7	52.1	44.7	2.4	0.3	.355	.376	83	98	SSE	7	SW	4	100	≡	23	—	—	—	● a. and p. ≡ after 17 h.	
18	'28	'44	55.6	50.6	56.5	50.5	2.0	2.0	.3															

ABERDEEN, a.e.—JULY 1911.

ABERDEEN, a.e.—JULY 1911.
 Heights above Mean Sea Level:—Station, H = 46 ft.; Barometer, H_b = 88 ft. Heights above Ground:—Therms., h_t = 41 ft.; Rain-gauge, h_r = 2 ft.
 Long. 2° 6' W. Lat. 57° 10' N. Gravity Correction, +.032 in. Time, Greenwich mean time.

[illegible]

Corresponding Average Values are referred to thus:—a. Appendix III., "Weekly Weather Report," 1906; b. Appendix I., "Meteorological Observations at Stations of the Second Order," 1891; c. "Temperature Tables of the British Islands," 1871-1900; d. "Rainfall Tables of the British Islands," Part I., 1866-1880. Part II., 1880-1890; e. "Hourly Readings," 1905-1910.

250.—Wt. 41467/309—9/11.—N. & Co., Ltd. Gp. XV.

* Miles per hour.

FORT WILLIAM, INVERNESS-SHIRE, a.—JULY 1911.

Heights above Mean Sea Level:—Station, H = 171 ft. ; Barometer, H_b = 49·8 ft. Heights above Ground:—Therms., h_t = 4 ft. ; Rain-gauge, h_r = 1 ft.
Long. 5° 7' W. Lat. 56° 49' N. Gravity Correction, +·031 in. Time, Greenwich mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.			Air Temperature.				Humidity.				Wind Direction and Force (0—12) <i>or</i> Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.							
	9 h.	21 h.		9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.	9 h.	21 h.			Min.	°					
								9 h.	21 h.	9 h.	21 h.	9 h.	21 h.													
1	29°50	29°59	ins.	54°7	49°8	58°7	46°0	3°5	3°8	.333	.267	77	75	SW	†	W	†	2	6 ⁰⁰	8 ⁰⁰	ins.	°03	—	—	Alternate sun and showers.	
2	29°77	29°99	ins.	53°4	50°9	59°4	45°8	5°6	4°1	.269	.271	66	74	Calm	0	W	3	7	5	—	—	—	—	Sunny day.		
3	30°17	30°19	ins.	52°1	50°0	58°1	43°0	5°2	1°0	.307	.334	78	93	SW	3	WSW	3	9	10 ⁰⁰	10 ⁰⁰	°17	—	—	—	Dull and cloudy. Showers [evening]	
4	'17	'24	ins.	55°5	54°7	55°9	49°7	0°5	0°4	.426	.417	96	97	SW	3	SW	4	10 ⁰⁰ =0	10 ⁰⁰ =0	°10	—	—	—	—	Fair generally. =0 all day.	
5	'23	'17	ins.	57°4	57°4	53°3	45°3	0°9	1°3	.454	.432	94	92	SW	4	SW	4	10 ⁰⁰ =0	9 ⁰⁰ =0	°03	—	—	—	—	Fair generally. =0 mostly.	
6	'06	'16	ins.	55°5	54°6	57°7	54°0	0°6	1°4	.424	.386	96	90	SW	5	SW	2	10 ⁰⁰ =0	9	°15	—	—	—	—	Bright and sunny.	
7	'17	'13	ins.	55°0	54°0	55°9	51°0	0°9	0°0	.406	.418	94	100	SW	1	SW	4	10 ⁰⁰ =0	10 ⁰⁰ =0	°47	—	—	—	—	=0 all day.	
8	'23	'35	ins.	60°0	59°0	70°7	53°6	2°0	3°1	.453	.404	88	81	SW	2	NE	2	7	3	—	—	—	—	—	Bright and sunny.	
9	'45	'47	ins.	62°9	61°7	74°6	49°0	5°9	3°2	.388	.447	67	81	NE	1	Calm	0	1	0	—	—	—	—	—	Calm, cloudless, and sunny.	
10	'55	'51	ins.	65°0	63°6	77°2	49°0	5°0	3°7	.447	.464	73	79	Calm	0	Calm	0	0	0	—	—	—	—	—	Calm, cloudless, and sunny.	
11	'55	'51	ins.	69°4	65°2	80°8	51°0	6°9	5°2	.468	.444	65	72	Calm	0	Calm	0	1	4	—	—	—	—	—	Calm, cloudless, and sunny.	
12	'51	'48	ins.	70°6	65°0	83°8	52°6	6°6	7°0	.500	.391	67	63	Calm	0	E	1	0	0	—	—	—	—	—	Calm, cloudless, and sunny.	
13	'46	'39	ins.	69°8	66°0	83°5	51°0	7°8	7°1	.448	.403	62	64	NE	1	E	2	1	1	—	—	—	—	—	Calm, cloudless, and sunny.	
14	'38	'31	ins.	65°9	60°4	69°3	52°8	6°2	2°9	.427	.433	68	83	SE	2	W	2	0	4=	—	—	—	—	—	Calm, cloudless, and sunny.	
15	30°34	30°16	ins.	60°9	53°0	70°0	46°0	7°9	2°0	.312	.347	58	86	NE	2	SW	3	6	10 ⁰⁰ =0	—	—	—	—	—	Mostly fine and sunny. ♂ ♀	
16	29°95	29°50	ins.	59°8	55°9	64°8	52°7	3°7	2°7	.400	.372	78	83	W	3	Calm	0	9 ⁰⁰ =0	10 ⁰⁰ =0	°12	—	—	—	—	Mostly fine and sunny.	
17	'63	'50	ins.	54°9	53°0	56°2	52°6	0°9	1°2	.404	.369	94	92	SW	4	SSW	4	10 ⁰⁰ =0	10 ⁰⁰ =0	°19	—	—	—	—	Showery day.	
18	'47	'59	ins.	55°3	53°8	64°6	51°0	1°6	2°7	.392	.340	89	82	SW	3	Calm	0	10 ⁰⁰ =0	8	°29	—	—	—	—	Sunny. Occasional ♂ showers	
19	'72	'92	ins.	54°4	50°9	61°5	48°2	2°4	1°9	.356	.324	84	87	SW	3	SW	2	7 ⁰⁰ =0	3	°10	—	—	—	—	Alternate sunshine and showers	
20	'97	'87	ins.	58°7	58°7	65°8	47°0	5°6	1°1	.337	.459	68	93	SW	1	Calm	0	8	10 ⁰⁰ =0	°53	—	—	—	—	Sunny a. =0° p.	
21	'81	29°91	ins.	62°7	55°0	64°9	54°5	0°7	1°3	.545	.395	96	91	SW	3	SW	3	10 ⁰⁰ =0	8	°66	—	—	—	—	Generally showery. ♂ at times	
22	29°88	30°12	ins.	53°4	57°6	58°1	51°0	0°8	5°6	.385	.322	94	68	W	3	SW	4	10 ⁰⁰	10	°14	—	—	—	—	Bleak and showery throughout	
23	30°13	30°06	ins.	55°0	53°5	60°6	50°7	4°0	0°5	.325	.395	75	96	SW	3	SW	3	10	10 ⁰⁰	°35	—	—	—	—	Dull and cloudy. ♂ after 12 h.	
24	29°92	29°74	ins.	58°2	55°9	57°6	52°7	2°2	0°9	.418	.420	86	94	SW	3	SW	2	9	10 ⁰⁰ =0	°50	—	—	—	—	Bleak and showery throughout	
25	'65	'77	ins.	52°9	51°0	52°6	0°7	3°1	.486	.320	96	80	SW	3	NW	3	9 ⁰⁰ =0	1	°18	—	—	—	—	—	=0° a. Sunny after 12 h.	
26	'77	'70	ins.	51°4	57°3	65°0	42°2	1°5	2°3	.341	.401	90	85	Calm	0	Calm	0	10 ⁰⁰ =0	9	°31	—	—	—	—	CLOUDY. Sunny intervals.	
27	'62	29°79	ins.	62°7	56°0	68°8	55°3	2°7	1°4	.478	.408	84	91	SW	4	SW	2	10 ⁰⁰ =0	10	°46	—	—	—	—	♂ a.; fair to fine.	
28	29°78	30°04	ins.	54°9	54°9	66°7	54°0	1°8	2°0	.450	.375	90	87	SW	2	SW	2	10 ⁰⁰	1	°17	—	—	—	—	Showery a.; fine later.	
29	30°07	29°89	ins.	61°0	58°0	65°8	48°9	3°9	6°8	.413	.300	78	62	NE	4	SE	5	8	°24	—	—	—	—	—	Showery a.; fine later.	
30	29°65	'74	ins.	76°3	65°7	78°8	57°0	9°1	5°7	.532	.438	59	69	Calm	0	SE	2	3	°05	—	—	—	—	—	Fine and sunny. ♂ afternoon.	
31	29°86	29°84	ins.	68°9	66°9	75°0	60°0	6°8	6°9	.461	.425	65	64	S	2	Calm	0	4	2	—	—	—	—	—	Fine and sunny.	
M.	30°04	30°33	ins.	60°0	57°1	66°3	50°9	3°6	3°0	.412	.385	80	83	2°2	2°1	6°9	6°3	5°24	—	—	—	—	—	—	—	

DUNDEE, FORFARSHIRE, c.d.—JULY 1911.

Heights above Mean Sea Level :—Station, $H = 160$ ft. :—Barometer, $H_b = 164$ ft. Heights above Ground :—Therms, $h_t = 3.8$ ft.; Rain-gauge, $h_r = 1$ ft.
Long. $2^\circ 56'$ W. Lat. $56^\circ 28'$ N. Gravity Correction, $+0.30$ in. Time, Greenwich mean time.

[illegible]

† Beaufort Scale (0—12).

GLASGOW, LANARKSHIRE, a.—JULY 1911.

GLASGOW, LANARKSHIRE, a.—JULY 1911.
 Heights above Mean Sea Level :—Station, $H = 180$ ft.; Barometer, $H_b = 184$ ft. Heights above Ground :—Therms., $h_t = 7$ ft.; Rain-gauge, $h_r = 2$ ft.
 Long. $4^{\circ} 18' W.$ Lat. $55^{\circ} 53' N.$ Gravity Correction, $+0.029$ in. Time, Local mean time.

[illegible]

COCKLE PARK (NEAR MORPETH), NORTHUMBERLAND.—JULY 1911.

COCKLE PARK (NEAR MORPETH), NORTHUMBERLAND.—JULY 1911.
 Heights above Mean Sea Level:—Station, H = 324 ft.; Barometer, H_b = 331 ft. Heights above Ground:—Therm., h_t = 4 ft.; Rain-gauge, h_r = 1 ft.
 Long. 1° 41' W. Lat. 55° 13' N. Gravity Correction, +.026 in. Time, Local mean time.

Long. 1° 41' W. Lat. 55° 13' N. Gravity Correction, +026 in. Time, Local mean time.																						
1	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
2	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
3	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers. ∇ p.
4	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers n. Fine.
5	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
6	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
7	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
8	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
9	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
10	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
11	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
12	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
13	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
14	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
15	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
16	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
17	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
18	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
19	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
20	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
21	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
22	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
23	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
24	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
25	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
26	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
27	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
28	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
29	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
30	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
31	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.
M.	29° 21'	29° 24'	56° 1'	45° 8'	61° 5'	45° 8'	6° 0'	2° 5'	296	253	66	82	NW	4	W	3	4	3	03	73	45	● showers.

* Miles per hour.

† Beaufort Scale (0—12).

DOUGLAS, ISLE OF MAN, a.—JULY 1911.

Heights above Mean Sea Level:—Station, H = 277 ft.; Barometer, $H_b = 284$ ft. Heights above Ground:—Therms., $h_t = 4$ ft. Rain-gauge, $h_r = 10$ ins.
Long. $4^\circ 28'$ W. Lat. $54^\circ 10'$ N. Gravity Correction, +0.024 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.						
							Dep. of Wet.		Vapour Pressure.										Percentage.					
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.					
1	29.34	29.43	54.3	47.1	59.2	47.0	4.1	1.1	313	297	74	92	WNW	4	WNW	1	8	1	ins.	hrs.	°	°		
2	29.38	29.79	52.0	47.7	59.3	44.9	4.6	2.7	274	267	71	81	W	4	NW	2	4	1	0.10	9.6	48	° showers.		
3	29.97	30.05	53.0	52.5	58.0	44.0	3.3	0.7	315	376	78	95	W	2	WSW	2	9	9	0.10	14.0	43	° showers.		
4	30.03	30.08	55.7	57.7	58.5	51.9	1.4	0.7	404	455	91	95	W	4	W	1	9	9	0.10	4.0	39	Cloudy. ° showers after 10.		
5	30.08	30.05	60.5	56.0	63.0	52.8	1.5	1.0	477	419	91	93	WSW	3	W	1	8	2	—	51	Dull.			
6	29.97	29.95	62.0	62.5	66.3	52.1	5.0	3.5	399	449	72	79	SW	2	W	1	7	9	—	50	Fine.			
7	29.98	29.98	65.7	60.0	72.2	56.7	3.5	3.5	507	409	80	79	SW	1	NNW	1	4	2	—	9.3	50	≡ early a. Very fine.		
8	30.03	30.09	61.8	59.0	68.1	56.0	1.8	1.7	490	445	89	90	W	1	NNW	3	9	7	—	9.3	53	Very fine.		
9	17	20	62.2	61.0	67.9	56.0	3.8	5.3	436	376	78	71	ESE	3	NE	2	4	3	—	9.7	53	△ a. Fine.		
10	29	25	58.0	62.6	70.0	51.3	4.0	9.6	397	296	76	52	SE	3	NE	1	1	3	—	11.1	53	Very fine.		
11	29	25	65.9	62.7	75.4	52.9	10.2	6.6	327	367	51	65	SE	1	NNW	1	1	0	—	15.0	49	Very fine.		
12	25	21	66.6	68.0	79.0	58.1	8.3	4.0	383	534	59	78	SE	2	NW	1	2	0	—	15.3	47	T a. Very fine.		
13	18	13	71.0	61.0	78.4	60.6	6.9	4.5	497	397	65	75	SE	1	NNW	1	0	0	—	15.0	53	△ a. Very fine.		
14	11	30.04	67.0	56.6	71.0	55.3	4.2	0.1	599	456	77	100	SE	1	NNW	6	0	0	—	15.3	56	△ a. Very fine.		
15	30.05	29.92	59.0	53.6	64.0	52.5	4.6	2.6	364	339	73	82	NE	4	NNW	6	0	0	—	14.2	51	△ a. Fine.		
16	29.79	29.72	57.6	55.8	61.7	52.0	1.9	0.8	418	422	87	94	NNW	5	NW	6	3	4	10=0	12.0	53	Fine.		
17	54	36	57.0	50.0	60.2	53.5	1.6	1.3	417	411	89	91	NNW	5	NNW	5	8	8	0.10	5.6	50	Cloudy and squally.		
18	36	47	60.0	55.2	64.0	53.1	3.4	3.8	412	333	80	76	NNW	6	NW	5	9	4	0.10	0.3	53	Dull and squally.		
19	61	71	58.1	58.0	63.5	51.1	4.5	0.5	356	467	73	97	W	4	SSW	1	4	9	0.10	6.8	49	Squally. △ p.		
20	77	75	58.3	58.0	60.0	56.0	0.3	0.0	477	482	98	100	SSW	4	SW	4	10=	10=	—	376	—	55	Squally, with ≡.	
21	76	79	59.0	58.0	60.0	57.0	0.0	0.0	500	482	100	100	S	6	SW	5	10=	10=	—	—	57	—	49	Squally and overcast. ≡
22	85	96	60.2	55.0	65.0	54.8	4.9	2.6	375	359	72	83	WSW	5	NNW	1	2	8	—	10.1	53	≡ early a. Fine.		
23	96	90	57.0	53.3	61.4	50.0	3.4	2.2	367	346	79	85	WSW	1	NW	1	9	1	—	8.3	48	△ a. Fine from 11 h.		
24	79	60	57.0	50.3	65.0	51.0	1.4	0.4	422	442	91	97	S	1	WSW	1	9	9	—	2.1	47	△ a. Gloomy.		
25	50	55	58.0	54.0	65.2	53.9	0.2	0.0	476	418	99	100	SW	2	ENE	1	10=	2	—	4.30	7.2	53	Fine.	
26	50	51	56.8	59.0	65.0	52.8	0.0	0.5	462	484	100	97	SSE	3	SSE	2	10=	9	—	1.47	5.3	50	≡ p.	
27	50	58	58.5	61.0	62.0	57.8	0.0	0.0	491	537	100	100	SSW	3	SSW	5	10=	10=	—	7.37	0.7	56	● a. ≡ 10 h. 13 h.	
28	66	76	59.0	58.1	66.7	57.7	0.0	0.2	500	477	100	98	SSW	1	NE	1	10=	3	—	22 h.	0.6	58	≡ a. T 22 h.	
29	71	53	71.0	62.5	76.1	57.9	6.7	1.2	504	524	66	93	E	3	SW	1	8	10	—	5.62	0.7	55	T a. ≡ after 20 h. 30 m.	
30	48	60	65.0	58.3	65.8	58.0	2.6	0.4	524	474	85	97	S	4	S	2	4	2	—	0.10	8.8	58	≡ early a. ● showers p.	
31	29.62	29.62	62.0	59.5	57.5	57.5	1.9	1.3	490	467	89	92	SSE	3	E	2	3	8	—	9.5	5.6	56	Fine, but squally.	
M.	29.830	29.833	60.3	57.6	65.7	53.7	3.2	2.0	428	420	82	88	3.0	2.3	6.2	5.5	2.342	253	51.6					

STONYHURST, LANCASHIRE, a.—JULY 1911.

Heights above Mean Sea Level:—Station, H = 375 ft.; Barometer, $H_b = 363$ ft. Heights above Ground:—Therms., $h_t = 7$ ft. Rain-gauge, $h_r = 2$ ft.
Long. $2^\circ 28'$ W. Lat. $53^\circ 51'$ N. Gravity Correction, +0.023 in. Time, Local mean time.

1	29.24	29.33	53.6	53.0	59.0	50.3	3.6	3.0	315	322	76	80	W	10	W	7	9	10	255	5.5	48	Cloudy a. Fine p.	
2	48	29.07	49.7	51.2	61.5	45.5	3.3	4.4	244	270	78	72	NNW	10	W	7	10	3	0.35	3.8	43	▲ 6 h., then fine.	
3	91	30.02	56.5	53.3	59.6	42.9	5.8	4.3	304	296	67	72	NNW	7	—	2	7	8	—	8.4	38	Bright and sunny.	
4	29.09	30.03	58.0	58.3	60.5	51.7	4.0	3.0	367	397	76	81	SW	10	SW	4	10	10	0.40	0.1	50	Dull and cloudy.	
5	30.03	29.98	60.0	60.0	67.1	56.3	2.7	3.0	432	423	84	82	SW	11	—	2	8	0	—	8.5	55	Bright and sunny.	
6	29.91	29.88	66.5	62.2	73.0	49.3	5.5	3.2	458	453	70	81	WSW	4	—	0	0	0	—	10.7	49	Very warm and sunny.	
7	92	29.90	68.4	63.0	74.0	52.7	5.9	7.6	481	347	69	61	WSW	4	—	2	6	2	—	17.0	48	Fine and sunny.	
8	29.93	30.01	69.0	59.8	72.0	50.7	6.2	4.8	480	371	67	72	W	5	N	5	4	10	—	12.1	46	Fine all day.	
9	30.10	17	63.5	57.0	69.5	55.9	8.5	5.2	332	322	57	69	NE	4	NE	4	3	3	—	17.7	53	Bright and sunny.	
10	22	18	61.0	61.0	72.8	46.5	6.5	8.0	346	311	65	58	NE	4	NE	4	3	0	—	15.2	43	Bright and sunny.	
11	21	17	68.0	67.3	80.3	46.5	15.0	12.3	258	302	37	45	—	3	N	4	1	0	—	14.2	41	Bright and sunny.	
12	16	12	72.5	72.0	83.6	50.3	10.2	12.0	429	374	53	48	—	2	—	2	0	0	—	14.9	46	Bright and sunny.	
13	10	30.06	72.5	68.3	82.3	56.2	9.5	9.6	448	377	55	54	—	2	NE	4	0	3	—	14.1	53	Bright and sunny.	
14	30.02	29.90	72.0	62.0	79.8	56.0	10.0	3.0	426	456	54	82	—	2	W	4	0	0	—	15.0	51	Bright and sunny.	
15	29.93	83	61.0	57.9	69.0	55.7	6.0	2.9	358	394	67	82	NE	7	S	4	6	0	—	10.6	54	Fine and sunny from 9 h.	
16	65	60	57.8	58.0	63.4	54.0	3.8	3.0	309	393	77	81	W	17	W	7	10	10	1.00	6.8	52	Fine.	
17	45	28	57.0	60.2	61.0	55.5	1.8	3.0	411	426	88	82	WSW	9	SW	7	10	10	0.40	0.3	55	Dull. 17 h.—18 h.	
18	27	37	55.8	61.0	65.5	51.5	2.1	4.4	387	399	86	75	WSW	10	—	2	10	3	0.40	1.0	52	6 till noon.	
19	55	71	65.2	62.0	71.0	58.0	5.2	2.0	444	487	72	88	S	7	—	1	8	10	1.00	4.1	50	8 h.—9 h. T 22 h.	
20	73	76	70.0	68.0	76.3	61.5	4.0	4.2	446	527	61	77	SW	8	SW	8	7	10	1.40	1.3	56	Dull. 14 h.—15 h.	
21	74	87	65.0	59.4	68.0	58.0	6.5	4.8	405	366	66	72	W	9	W	4	3	10	0.50	4.5	59	Sunny intervals.	
22	90	83	61.0	55.5	65.5	51.5	4.0	3.0	410	357	77	81	—	3	—	2	5	0	—	10.5	55	Fine and sunny.	
23	73	55	63.0	64.4	74.0	44.7	8.6	5.6	323	420	57	69	—	1	—	1	6	10	—	8.4	48	Fine.	
24	46	48	65.8	60.7	71.0	54.5	6.8	3.8	408	412	65	78	SW	4	—	2	7	5	1.35	8.4	51	Very warm and sunny.	
25	45	45	63.4	65.0	72.0	53.5	5.4	4.2	410	472	70	77	S	8	WSW	4	8	10	—	5.0	48	12 h. 30 m.	
26	48	55	66.3	65.2	73.0	55.7	5.9	2.4	443	534	69	86	S	13	—	1	10	5	—	1.1	50	Cloudy.	
27	60	68	71.0	68.5	77.3	60.7	7.0	5.3	494	500	65	71	S	6	N	4	6	5	—	13.3	58	Very warm and sunny.	
28	66	43	70.5	70.0	80.0	63.5	7.5	6.0	469	508	63	69	NE	8	N	10	4	8	—	11.9	61	Fine, warm, and sunny.	
29	45	56	69.0	67.1	75.0	63.3	7.2	5.1	451	482	63	72	S	15	—	3	7	10	0.6	60	59	Sunny intervals.	
30	29.59	29.58	69.5	64.6	76.0	57.0	8.8	4.2	416	465	57	77	S	4	—	1	6	10	0.8	7.3	52	Fine.	
M.	29.762	29.762	63.8	61.7	70.8	53.7	6.3	4.9	397	404	67	73	7	4	6.0	5.5	0.935	263	50.5				

* Miles per hour.

† Beaufort Scale (0—12).

SHREWSBURY, SHROPSHIRE.—JULY 1911.

Heights above Mean Sea Level:—Station, H = 190 ft.; Barometer, $H_b = 212$ ft. Heights above Ground:—Therms., $h_t = 4$ ft.; Rain-gauge, $h_r = 1$ ft.
Long. $2^\circ 45'$ W. Lat. $52^\circ 43'$ N. Gravity Correction, +0.019 in. Time, Local mean time.

Long. 2 5 W. Lat. 52 43 N. Gravity Correction, +.019 in. Time, Local mean time.																						
Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.					Humidity.						Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.	
								Dep. of Wet.		Vapour Pressure.		Percentage.										
			9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.		
1	ins.	ins.	58.2	54.0	64.6	49.4	3.4	2.2	385	355	79	85	WNW	2	WNW	2	7	7	ins.	hrs.	°	Dull. — 20h. 30m.
2	29.45	29.51	58.2	54.0	64.6	49.4	3.4	2.2	385	355	79	85	WNW	2	WNW	2	7	7	01	—	50	Fine a.
3	29.68	29.87	56.1	52.4	62.2	49.0	8.3	3.0	249	316	55	80	NW	3	W	2	2	5	03	—	46	Fine and bright.
4	30.07	30.18	58.2	54.4	65.8	47.8	8.2	4.2	273	312	56	73	NW	2	W	1	4	3	—	—	50	Dull a. Fine and bright p.
5	21	20	58.2	58.8	66.4	51.8	3.3	2.6	387	416	80	84	W	2	W	2	7	3	—	—	57	Sunny from 11a.
6	20	12	65.0	65.4	79.8	57.2	4.0	2.2	478	545	78	87	NW	2	W	2	7	3	—	—	49	Fine and bright.
7	08	05	70.2	66.0	84.4	48.8	5.2	3.2	538	522	72	82	NW	1	NW	1	3	3	—	—	50	Fine and bright.
8	07	04	71.8	66.0	84.8	51.4	8.2	5.6	474	446	60	70	NNW	1	NW	1	3	2	—	—	49	Very bright.
9	23	15	76.0	65.0	82.4	50.4	9.2	2.0	522	544	58	88	NNW	1	NW	1	0	0	—	—	57	Dull a.
10	36	27	60.8	59.0	74.4	58.4	1.8	2.0	473	436	89	88	NE	1	E	1	7	1	—	—	41	Fine.
11	36	32	59.8	59.4	74.6	43.8	5.8	5.4	346	350	67	69	W	2	W	1	4	1	—	—	37	Fine.
12	31	25	61.4	62.0	82.4	37.8	13.0	11.6	249	251	42	45	W	1	NE	1	1	0	—	—	43	Fine.
13	25	20	71.6	64.6	86.0	44.6	11.8	5.8	373	418	48	69	NE	1	E	1	1	0	—	—	47	Fine and bright.
14	18	10	74.0	64.0	87.8	47.8	8.0	4.8	454	440	61	73	NE	1	N	1	1	0	—	—	46	Fine and bright.
15	30.07	30.03	60.0	58.2	69.6	50.8	1.0	3.2	485	390	94	80	NW	1	NW	1	8	5	—	—	50	Dull a.
16	29.86	29.79	67.0	60.2	69.4	46.8	7.2	2.8	419	432	63	83	NW	3	NW	2	3	8	—	—	44	Bright.
17	08	05	64.0	64.2	72.2	57.2	4.6	3.2	443	489	74	81	SW	2	W	3	7	7	—	—	56	Dull.
18	51	40	60.2	60.0	68.2	54.7	6.2	3.2	373	417	66	81	W	3	W	2	6	5	—	—	52	Dull.
19	74	64	64.0	64.0	74.0	53.6	5.8	2.0	409	537	68	88	W	2	W	2	5	5	—	—	51	Dull.
20	89	91	70.2	71.3	72.2	58.5	1.4	9.3	679	433	92	56	SW	2	SW	2	4	7	—	—	57	Bright. 9° — 18 h.
21	93	29.95	75.4	68.7	85.2	62.4	13.8	3.9	384	350	44	78	SW	2	SW	2	5	2	01	—	60	Fine.
22	33	30.03	67.0	59.2	78.0	58.6	2.0	9.0	585	269	88	53	SW	2	NW	1	8	2	—	—	61	Dull a. Fine and bright p.
23	30.04	29.91	72	65.8	69.0	70.0	41.6	8.0	427	384	77	76	NW	1	NW	1	7	2	—	—	44	Dull a. Bright p.
24	29.91	72	65.8	69.0	70.0	41.6	8.0	8.4	378	418	60	58	W	1	NW	1	2	2	—	—	39	Bright.
25	65	63	68.2	63.2	75.2	52.4	6.8	4.2	451	441	65	76	SW	2	W	2	6	6	—	—	49	Bright at times.
26	66	64	65.4	65.5	78.6	50.5	4.6	4.5	501	541	75	75	W	1	SW	2	6	4	—	—	47	Fine.
27	77	74	69.4	68.8	80.4	56.4	5.8	4.2	490	586	56	76	SW	2	SW	1	7	2	—	—	52	Fine.
28	81	75.1	71.2	86.4	56.8	9.7	4.4	0.0	588	592	75	100	NE	2	NE	2	1	8	—	—	51	Fine.
29	78	60	72.0	63.8	89.0	56.5	4.8	0.0	543	504	74	91	S	3	SW	3	5	4	—	—	55	17 20 h. 30 m.—23 h.
30	60	71	69.8	62.2	78.2	61.8	4.8	1.6	501	494	70	80	S	3	SW	2	4	3	—	—	55	Bright a.
31	29.74	29.72	69.4	65.2	77.5	54.4	5.8	3.6	501	494	70	80	S	3	SW	2	4	3	—	—	51	Bright.
M.	29.934	29.926	66.5	62.9	76.9	51.8	6.4	4.3	444	442	68	76	1.8	1.5	4.3	3.7	0.37	—	—	—	49.5	

SOUTHAMPTON, HAMPSHIRE, a.—JULY 1911.

Heights above Mean Sea Level:—Station, $H = 64$ ft. ; Barometer, $H_b = 84$ ft. Heights above Ground:—Therms., $h_t = 4.5$ ft. Rain-gauge, $h_r = 1$ ft.
Long. $1^{\circ} 24'$ W. Lat. $50^{\circ} 55'$ N. Gravity Correction, $+0.16$ in. Time, Local mean time.

Day.	Barometer at 32° F. ht. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sunshine.	Temp. on Grass.	Remarks.					
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.	9 h.	21 h.	9 h.		21 h.				
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.											
1	ins.	ins.	60.0	57.5	68.0	54.4	3.9	5.3	.398	.327	77	69	SW	4	NW	1	8	2	ins	hrs.	°		
2	29.63	29.71	60.3	57.5	68.0	54.4	3.9	5.3	.398	.327	77	69	SW	4	NW	1	8	2	—	9.1	53	Fine.	
3	29.83	30.05	60.3	54.5	66.5	50.3	8.3	4.4	.296	.308	57	73	NW	3	NW	2	4	0	.004	12.0	42	● shower 16 h. 30 m.	
4	30.24	.35	62.0	56.2	68.0	47.4	9.3	3.3	.295	.360	53	79	NW	3	SW	2	1	3	—	11.5	34	Fine and sunny. \mathcal{W} .	
5	.41	.37	63.2	58.5	68.9	47.5	7.6	2.8	.349	.406	60	82	SW	2	SW	1	5	1	—	5.9	39	Fine. \mathcal{W} .	
6	.37	.28	65.8	59.5	74.0	56.4	6.5	4.4	.417	.377	67	74	SW	2	SW	1	0	0	—	8.2	49	Fine and warm.	
7	.22	.16	71.2	66.7	80.6	53.4	14.0	4.4	.317	.497	42	76	SW	1	SW	1	0.00	0.00	—	14.4	46	Very fine and warm.	
8	.17	.17	71.1	65.6	77.4	53.4	8.5	4.9	.555	.566	61	74	Calu	0	SE	1	0.00	6.00	—	12.7	50	Very fine and warm.	
9	.21	.21	79.1	74.8	86.0	61.2	10.1	6.8	.557	.578	56	67	Calu	0	NE	2	0.00	0.00	—	11.5	56	Very fine and warm.	
10	.33	.37	69.5	61.6	77.0	59.2	8.2	2.6	.431	.462	59	84	NE	2	SE	1	1.00	1.00	—	12.5	55	Very fine and warm.	
11	.44	.40	60.2	63.0	71.6	49.4	7.6	7.5	.310	.349	59	61	NE	4	NE	2	4	0	—	12.8	40	Very fine and warm.	
12	.44	.39	65.6	69.2	81.4	48.7	10.0	9.8	.328	.385	51	53	NE	1	NE	3	0.00	0.00	—	14.8	40	Very fine and warm.	
13	.38	.34	73.7	70.2	84.1	56.4	11.1	10.7	.426	.378	51	51	NE	4	NE	2	0.00	0.00	—	15.0	49	Very fine and warm.	
14	.33	.26	72.2	70.9	84.5	54.7	13.2	12.6	.349	.344	44	45	NE	2	NE	1	0.00	0.00	—	14.6	46	Very fine and warm.	
15	.27	.20	74.0	66.4	86.1	57.8	10.8	4.4	.441	.491	53	76	NE	3	SE	1	0.00	0.00	—	14.3	54	Very fine and warm.	
16	.35	.30	69.4	63.5	75.1	50.3	6.5	5.9	.479	.397	67	68	NE	2	NE	1	1.00	1.00	10	—	7.2	49	Very fine a. Cloudy p.
17	30.03	.93	68.3	65.4	79.5	51.9	8.0	7.0	.418	.398	60	64	NE	1	NW	1	2.00	1.00	—	11.2	44	Very fine and warm.	
18	29.86	.73	68.3	65.0	74.2	55.4	9.8	5.4	.372	.435	53	71	NW	2	NW	1	1	0	—	12.9	50	Very fine and warm.	
19	.71	.29	68.2	61.2	74.3	59.1	11.1	5.8	.339	.366	49	68	NW	3	NW	1	0	0	—	10.3	54	Very fine and warm.	
20	29.95	.30	65.8	62.9	73.7	53.4	8.2	3.4	.373	.460	59	80	NW	3	SW	1	4	1	—	9.0	46	Very fine and warm.	
21	30.14	.14	67.7	67.5	73.7	59.5																	

FALMOUTH, CORNWALL, a.e.—JULY 1911.

Heights above Mean Sea Level :—Station, H = 167 ft. ; Barometer, H_0 = 183 ft. Heights above Ground :—Therms, h_t = 4 ft. Rain-gauge, h_r = 5 ft.
 Long 5° 4' W. Lat. 50° 9' N. Gravity Correction, +.013 in. Time, Greenwich mean time.

[illegible]

* Miles per hour.

† Beaufort Scale (0—12).

ARMAGH, a.—JULY 1911.

ARMAGH, a.—JULY 1911.
 Heights above Mean Sea Level:—Station, H = 196 ft.; Barometer, H_0 = 202 ft. Heights above Ground:—Therms., h_t = 4 ft. Rain-gauge, h_r = 1 ft.
 Long. 6° 39' W. Lat. 54° 21' N. Gravity Correction, +·025 in. Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.				
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.					9 h.	21 h.		
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.										
1	ins.	ins.	°	°	°	°	°	in.	in.	%	%	*	*			ins.	hrs.	°				
2	29.13	29.56	55.9	49.1	60.6	48.5	5.3	3.0	3.10	277	68	79	—	—	10	10	0.20	7.1	47	Fine.		
3	29.70	29.91	54.2	47.7	62.7	42.0	4.1	1.3	3.10	299	74	91	—	3	1	8	0.30	9.8	36	Fine.		
4	30.08	30.10	54.6	53.9	56.0	43.3	3.7	2.6	3.27	343	77	83	SW	4	SW	5	10	10	2.0	38	Overcast.	
5	16	16	58.2	59.1	62.6	53.0	2.0	1.0	4.24	469	87	94	SW	9	SW	6	10	10	—	52	Overcast.	
6	07	06	60.6	59.3	70.3	55.0	1.9	3.2	4.67	406	88	81	SW	6	SW	5	10	0	6.3	50	Very fine.	
7	00	00	60.9	61.9	66.7	50.0	4.1	1.4	4.06	505	77	92	SW	6	—	2	10	10	—	27	Very fine.	
8	05	05	61.7	65.7	73.9	55.1	3.1	4.2	4.50	484	82	77	SW	4	—	2	8	0	8.0	55	Very fine.	
9	13	18	63.2	60.6	75.0	54.5	2.2	1.4	3.53	483	87	91	—	—	2	3	10	9	003	3.3	48	Cloudy.
10	25	28	59.4	61.5	72.2	51.8	1.2	3.5	4.68	433	93	79	—	—	2	2	10	0	—	8.9	51	Very fine.
11	34	32	65.8	58.9	71.2	48.7	6.0	7.1	4.31	306	69	61	SE	4	SSE	4	0	0	14.7	42	Very fine.	
12	35	32	69.0	62.0	77.0	45.0	13.2	6.2	3.05	367	43	66	—	—	3	2	0	0	—	15.2	40	Very fine.
13	33	30	72.0	65.0	84.3	47.0	12.1	4.7	3.72	456	48	75	—	—	2	2	0	0	—	15.0	41	Very fine and hot.
14	29	23	73.0	60.3	82.0	52.0	10.2	4.7	3.72	456	48	75	—	—	1	2	0	0	—	14.9	45	Very fine and hot.
15	30.17	29.83	61.7	72.4	49.1	9.8	1.7	3.94	492	54	90	—	—	2	2	0	0	10	—	14.7	44	Very fine.
16	29.92	29.83	58.8	57.9	67.3	51.1	5.9	5.0	3.84	317	69	70	NNE	4	—	1	0	4	—	14.8	45	Very fine.
17	60	46	57.6	56.2	68.0	54.0	2.6	2.1	4.05	417	82	87	NNW	4	—	2	10	9	—	0.7	50	Cloudy.
18	43	56	55.7	63.8	67.1	53.0	2.0	4.8	3.98	383	83	85	WSW	4	—	3	10	10	0.75	0.7	53	Cloudy.
19	68	76	58.4	51.0	67.9	50.5	2.0	4.8	3.88	290	87	70	WSW	4	—	2	10	9	0.03	6.0	51	showers 7 h.-9 h.
20	75	70	59.4	65.0	67.0	57.5	1.3	1.1	4.54	376	93	93	S	8	S	10	10	10	0.10	4.5	48	Fine.
21	70	29.82	68.0	59.8	72.9	59.8	2.9	3.0	5.73	420	84	82	S	14	SW	5	10	9	0.55	4.6	56	Overcast, with showers.
22	29.90	30.05	62.0	53.0	65.0	53.0	7.2	2.0	3.62	347	61	86	SW	7	—	2	9	3	—	7.7	52	showers.
23	30.03	29.95	59.5	59.0	69.0	46.7	5.0	3.3	3.92	399	71	80	SW	4	—	2	4	0	—	6.1	41	Fine.
24	29.79	60	56.8	59.8	68.1	53.6	3.3	3.0	3.67	420	79	82	S	7	SSW	4	10	0	—	2.20	2.4	A few showers.
25	52	60	57.8	55.9	65.7	55.9	0.2	2.0	4.72	391	98	87	SW	5	—	2	10	10	1.95	3.9	55	showers 9 h.
26	56	45	56.1	59.8	69.4	55.4	1.2	0.4	4.15	501	91	97	—	2	SE	7	10	10	0.07	3.3	49	Fine.
27	49	57	63.0	60.8	69.8	59.0	2.8	0.8	4.80	506	83	95	S	9	SE	4	10	10	2.55	1.7	59	showers.
28	65	75	66.7	37.0	70.0	57.0	3.8	2.2	5.17	399	79	86	S	8	—	3	8	10	1.05	5.4	58	Fine.
29	77	53	65.8	65.0	74.0	52.3	0.4	2.0	5.01	544	97	88	—	3	S	5	10	10	0.30	4.5	49	13 h.-14 h. and 20 h.-21 h.
30	42	56	67.8	60.0	70.0	60.0	5.0	1.0	4.99	485	73	94	S	10	S	5	3	10	1.20	6.9	58	Very showery. T 15 h.
31	29.61	29.58	62.0	61.7	69.7	58.3	2.3	2.0	4.78	483	86	88	SE	13	SE	9	10	10	1.48	5.7	56	Fine. T 15 h.
M.	29.88	29.80	61.6	59.0	69.6	52.4	4.3	2.7	4.18	421	77	84			5	3	7.4	6.4	2.709	202	49.1	

MARKREE CASTLE, SLIGO, a.b.—JULY 1911.

MARKREE CASTLE, SLIGO, a.b.—JULY 1911.

Heights above Mean Sea Level:—Station, $H = 122$ ft.; Barometer, $H_b = 127$ ft. Heights above Ground:—Therms., $h_t = 4$ ft. Rain-gauge, $h_r = 1$ ft.

Long. $8^\circ 27'$ W. Lat. $54^\circ 11'$ N. Gravity Correction, $+0.024$ in. Time, Dublin mean time.

Long. 8° 27' W. Lat. 54° 11' N. Gravity Correction, +0.24 in. Time, Dublin mean time.																								
1	29° 55'	29° 70'	53° 8'	47° 5'	58° 2'	46° 3'	4° 3'	2° 0'	3° 02'	28° 1'	73	86	NW	2	NW	1	6	5	17	8° 7'	44	● showers. Sunny intervals.		
2	29° 54'	30° 05'	55° 0'	50° 0'	59° 2'	46° 0'	5° 0'	3° 0'	3° 02'	28° 6'	70	80	NW	2	NW	1	7	6	04	10° 8'	36	● showers.		
3	30° 17'		52° 5'	54° 0'	57° 9'	47° 4'	2° 5'	1° 0'	3° 28'	33° 8'	83	93	SW	1	S	2	100	100	45	0° 1'	42	Cool, with e.		
4	20		24	56° 8'	57° 8'	47° 0'	0° 8'	1° 8'	4° 27'	34° 4'	94	88	SW	2	SW	2	100	100	36	2° 1'	53	● till 16 h.		
5	00		16	61° 0'	56° 0'	68° 9'	55° 0'	2° 0'	1° 5'	4° 70'	88	90	SW	1	S	1	9	3	—	4° 0'	57	Fine.		
6	15		11	60° 2'	58° 8'	61° 7'	49° 4'	2° 7'	0° 8'	4° 35'	470	84	Caln	0	Caln	0	10	10	—	0° 2'	44	Dull.		
7	33		29	56° 5'	57° 0'	74° 1'	52° 9'	1° 5'	1° 1'	4° 12'	431	90	S	1	Caln	0	10	0	—	8° 4'	53			
8	33		37	56° 5'	57° 0'	74° 1'	52° 9'	1° 5'	0° 5'	4° 92'	441	91	NW	1	Caln	0	10	10	—	6° 3'	41	Fine and warm.		
9	33		35	61° 7'	60° 0'	73° 5'	55° 8'	1° 4'	1° 5'	5° 02'	469	92	91	Caln	0	Caln	0	10	0	—	5° 5'	56	≡ n. Fine.	
10	42		39	66° 8'	55° 0'	70° 7'	40° 7'	4° 8'	4° 0'	4° 86'	325	74	75	SE	2	Caln	0	0	4	—	13° 7'	41	Fine and warm.	
11	42		40	65° 0'	58° 5'	78° 0'	43° 2'	6° 5'	4° 0'	4° 05'	373	66	76	Caln	0	Caln	0	5	0	—	14° 3'	37	Fine and warm.	
12	39		41	68° 0'	58° 5'	82° 0'	42° 0'	9° 0'	3° 5'	3° 87'	386	56	78	Caln	0	Caln	0	0	0	—	14° 3'	39		
13	35		35	70° 5'	59° 5'	77° 0'	44° 0'	6° 5'	2° 0'	5° 01'	436	67	88	Caln	0	Caln	0	0	0	—	14° 2'	38	Fine.	
14	38		32	61° 3'	59° 8'	64° 8'	48° 3'	4° 0'	1° 0'	4° 16'	482	77	94	NNW	3	NNW	2	0	100	02	13° 0'	44	Cool, with high wind.	
15	30° 07'	29° 56'	30° 20'	60° 0'	59° 8'	63° 7'	55° 0'	6° 0'	2° 0'	3° 44'	391	66	87	N	2	Caln	0	2	9	—	12° 9'	54	Fine.	
16	18		56	59° 0'	58° 3'	56° 0'	60° 7'	54° 7'	2° 3'	2° 0'	417	391	85	87	NW	2	Caln	0	10	10	—	52	Dull.	
17	19		75	56° 6'	56° 0'	66° 3'	54° 7'	3° 0'	3° 0'	4° 37'	365	83	81	SW	1	SW	1	9	10	03	1° 0'	53	Fair.	
18	20		77	53° 5'	53° 4'	62° 8'	52° 0'	2° 0'	3° 5'	3° 84'	316	87	77	NW	1	Caln	0	10	9	—	4° 8'	50	● showers.	
19	21		77	57° 5'	59° 0'	67° 7'	44° 7'	3° 5'	2° 1'	3° 72'	433	78	87	SW	1	Caln	0	10	10	17	1° 6'	42	Dull a.	
20	29° 29'	29° 29'	59° 0'	60° 0'	65° 3'	66° 9'	56° 9'	0° 5'	0° 8'	4° 85'	504	94	95	SE	2	S	2	100	10	55	—	52	● showers.	
21	30° 00'	30° 16'	66° 0'	56° 0'	66° 2'	55° 0'	0° 5'	2° 2'	2° 2'	6° 20'	386	97	86	S	3	Caln	0	100	1	25	0° 3'	53	● a.	
22	30° 12		62° 0'	56° 0'	60° 7'	41° 0'	5° 5'	2° 0'	3° 86'	391	70	87	SW	2	Caln	0	4	9	—	8° 5'	44	Fine.		
23	30° 16		60° 7'	56° 0'	67° 2'	54° 8'	0° 5'	1° 0'	4° 39	485	97	94	S	3	Caln	0	10	100	18	2° 2'	54	● a. and from 17 h.		
24	30° 05		51° 0'	60° 9'	60° 9'	50° 4'	1° 3'	2° 0'	3° 99	323	91	86	NW	2	Caln	0	10	9	0°	21°	52	● showers a.		
25	67		55° 3'	51° 0'	60° 7'	49° 9'	3° 9'	1° 4'	3° 81	496	76	91	N	1	SE	3	7	10	06	4° 7'	48	Fair. ● n.		
26	66		58° 9'	61° 3'	60° 7'	68° 5'	5° 5'	3° 0'	1° 7'	416	474	82	90	Caln	0	SE	2	10	9	21°	1° 1'	57	☾ in evening.	
27	45		59° 5'	60° 7'	68° 5'	5° 5'	3° 0'	0° 8'	4° 92	506	82	95	93	N	1	Caln	0	6	9	77°	4° 4'	46	Fine a. ☾ ² in evening.	
28	57		60	57° 0'	52° 0'	60° 8'	7° 0'	5° 5'	3° 8'	6° 49	291	79	63	SE	2	E	1	9	5	06	8° 3'	57	● showers.	
29	73		58° 9'	65° 0'	62° 5'	71° 9'	5° 5'	3° 0'	3° 5'	5° 10	449	83	79	SE	2	SE	3	9	9	50	5° 0'	50	T ● showers.	
30	84		55° 3'	64° 0'	60° 8'	77° 0'	5° 5'	3° 0'	0° 6'	4° 99	291	79	63	SE	2	SE	3	9	9	50	5° 0'	50		
31	43		63	65° 0'	62° 5'	71° 9'	5° 5'	3° 0'	3° 5'	5° 10	449	83	79	SE	2	SE	3	9	9	50	5° 0'	50		
M.	29° 57	29° 57	60° 5'	56° 9'	67° 6'	50° 5'	3° 3'	2° 1'	4° 28	4° 06	81	87	1° 4				0° 7	7° 5	6° 9	4° 14	181	47° 7		

* Miles per hour.

† Beaufort Scale (0-12).

DUBLIN (PHENIX PARK), a.—JULY 1911.

Heights above Mean Sea Level:—Station, H=155 ft.; Barometer, H_b =159 ft. Heights above Ground:—Therms., h_t =4 ft.; Rain-gauge, h_r =1 ft.
Long. 6° 21' W. Lat. 53° 22' N. Gravity Correction, +.022 in. Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sun- shine.	Min. Temp. on Grass.	Remarks.					
							Dep. of Wet.		Vapour Pressure.										Percentage.				
							9 h.	21 h.	9 h.	21 h.									9 h.	21 h.	9 h.	21 h.	
1	29.52	29.62	59.2	55.2	62.8	49.9	2.9	1.0	.414	.407	83	93	WNW	6	W	5	8	2	ins.	hrs.	°	Cloudy.	
2	29.78	29.98	50.4	52.8	61.6	41.9	0.5	1.3	.354	.364	96	91	WNW	7	WNW	4	6	9	.012	.63	47	☉ 7 h.—11 h. and noon.	
3	30.16	30.19	55.4	56.7	59.3	42.8	2.7	0.8	.363	.436	83	95	W	5	W	4	9	10	.008	.65	38	Overcast.	
4	20	26	58.5	58.0	69.0	53.9	0.6	0.3	.471	.473	96	98	W	10	WSW	6	10	4	—	.05	52	Cloudy to overcast.	
5	25	16	60.8	56.0	71.5	52.9	0.9	0.3	.503	.440	94	98	WSW	6	—	0	10	0	—	.50	48	Overcast to cloudy.	
6	10	09	67.9	62.9	76.3	47.9	4.0	2.9	.533	.475	78	83	SW	6	—	0	6	6	—	.60	43	Fine, but cloudy.	
7	12	22	64.7	61.6	79.3	52.7	3.4	0.2	.492	.542	81	98	—	3	1	6	2	—	—	.50	45	Fine, but cloudy.	
8	18	22	64.0	62.1	71.9	53.0	0.3	0.2	.585	.551	98	98	W	5	—	3	0	4	—	.146	46	Beautiful day.	
9	30	33	58.9	58.9	68.6	56.7	0.8	0.5	.472	.481	96	97	NE	6	3	10	1	—	—	.57	56	Overcast to cloudy.	
10	39	37	62.9	51.8	65.5	50.0	2.0	1.6	.595	.343	88	88	E	7	—	1	0	2	—	.145	44	Beautiful day.	
11	40	37	68.9	54.3	72.8	41.6	7.5	1.7	.442	.374	62	88	ENE	4	—	0	0	0	—	.134	37	Beautiful day.	
12	39	34	71.1	58.8	80.3	42.9	7.2	0.4	.490	.483	65	97	—	1	—	0	0	0	—	.143	38	Beautiful day.	
13	33	28	77.6	59.2	81.8	46.9	8.4	0.7	.583	.481	62	96	—	2	—	0	0	0	—	.149	42	Beautiful day.	
14	26	23	71.9	58.3	78.9	44.3	6.4	0.8	.532	.462	67	95	—	2	—	0	0	0	—	.152	37	Beautiful day.	
15	30.21	30.12	62.9	53.3	69.3	52.9	3.0	0.4	.472	.396	82	97	N	7	—	1	1	2	—	.150	49	Beautiful day.	
16	29.99	29.90	61.6	59.8	67.8	49.9	2.7	0.8	.460	.488	84	95	W	8	W	4	7	10	—	.29	44	Fine, but cloudy.	
17	71	54	59.6	59.8	72.6	54.9	1.2	0.1	.472	.512	92	99	WSW	9	W	6	9	8	—	.10	54	Fine, but cloudy.	
18	73	64	60.6	58.2	69.0	53.9	2.4	1.4	.451	.442	85	91	WSW	9	W.	6	10	8	—	.58	50	Fine, but cloudy.	
19	72	84	63.2	59.9	70.8	50.1	3.3	0.2	.469	.510	81	99	WSW	2	S	6	7	10	.120	13	45	Cloudy. ☉ p.	
20	84	82	62.0	65.4	70.8	56.7	2.3	0.7	.478	.600	86	96	—	2	SW	9	10	10	.086	04	55	☉ a. and p.	
21	29.83	29.90	67.7	63.4	75.3	62.4	0.8	0.5	.646	.566	95	97	SSW	13	W	5	10	100	.110	30	61	☉ 20 h.—20 h. 50 m.	
22	30.01	30.11	63.9	56.4	70.4	54.9	3.4	0.7	.478	.434	80	96	WSW	9	—	0	5	9	—	.83	52	Pright to cloudy.	
23	30.11	30.02	59.8	53.1	70.3	48.4	4.2	0.6	.387	.388	76	96	—	1	—	0	7	0	—	.92	46	Cloudy to bright.	
24	29.85	29.69	67.9	61.6	71.7	46.9	5.0	0.2	.500	.542	73	98	SSW	5	SW	4	8	1	—	.10	41	Fine, but cloudy.	
25	62	63	63.9	58.7	68.8	57.4	2.0	0.8	.524	.468	88	95	SW	9	—	2	9	9	.205	.63	51	Fine, but cloudy.	
26	60	56	60.9	63.6	70.4	51.9	2.0	1.3	.469	.542	88	92	—	1	SE	5	8	10	.165	.28	50	☉ a. h.—3 h.	
27	57	65	58.8	61.7	70.8	57.9	0.4	0.2	.483	.544	97	99	—	3	—	1	100	100	.285	.17	58	☉ a. and p.	
28	73	87	66.7	60.8	75.3	59.9	1.5	0.9	.598	.503	91	94	SSW	7	NE	7	8	10	.085	.42	59	Cloudy. ☉ 15 h.	
29	79	57	60.8	62.8	72.0	56.3	0.3	0.6	.524	.550	98	96	E	6	SW	5	9	10	.120	.34	57	☉ a. ☉ p.	
30	49	63	67.2	63.1	73.3	57.5	1.8	1.2	.597	.536	89	92	SSE	10	SSW	8	8	—	—	.86	55	Fine.	
31	29.63	29.65	62.8	63.4	73.6	59.9	1.4	0.9	.523	.552	91	95	SE	9	SSE	8	8	10	.100	.38	55	☉ 10 h. 30 m.—11 h.	
M.	29.955	29.957	63.3	59.1	71.3	51.9	2.8	0.8	.493	.480	85	95		6	3	6.4	5.7	2.306	202	48.2			

LIMERICK (MUNGRET COLLEGE).†—JULY 1911.

Heights above Mean Sea Level:—Station, H=47 ft.; Barometer, H_b =50 ft. Heights above Ground:—Therms., h_t =4 ft.; Rain-gauge, h_r =1 ft.
Long. 8° 41' W. Lat. 52° 38' N. Gravity Correction, +.020 in. Time, Dublin mean time.

1	29.68	29.83	57.3	51.3	60.1	49.7	3.8	2.7	36.1	31.0	77	82	W	3	W	3	8	—	6.1	44
2	29.96	30.17	57.5	50.5	61.4	40.9	6.2	2.9	30.7	29.5	65	81	W	3	W	2	8	—	13.6	34
3	30.28	30.33	57.4	56.0	61.0	41.4	4.5	2.6	34.5	37.5	73	83	SW	2	S	1	10	—	0.3	35
4	35	39	59.9	58.6	66.4	52.9	2.7	1.5	43.0	44.5	84	91	W	3	W	2	10	—	4.1	47
5	38	30	60.8	57.0	71.6	56.7	3.7	2.3	41.6	39.7	79	85	Calm	0	W	1	10	—	8.5	49
6	23	24	63.4	57.5	73.1	46.6	6.0	1.3	39.4	43.3	67	91	Calm	0	W	2	4	—	10.8	39
7	30	27	58.8	58.8	77.7	52.5	1.6	1.5	44.5	44.8	90	91	Calm	0	W	1	9	—	11.0	49
8	31	32	65.4	65.1	79.2	49.1	4.1	3.3	48.2	50.3	78	81	Calm	0	NE	1	0	—	12.2	44
9	35	38	71.0	67.4	82.8	52.5	4.7	2.9	57.1	56.1	75	84	NE	1	E	2	0	—	14.3	42
10	43	45	71.4	59.8	78.9	53.6	7.2	4.1	49.6	39.0	64	76	SE	2	Calm	0	0	—	14.8	44
11	47	47	70.6	58.8	79.9	45.1	9.3	5.9	42.1	33.2	56	67	E	2	S	2	1	—	14.9	35
12	49	45	69.0	69.1	84.9	41.8	8.0	6.7	42.9	46.8	60	66	NE	1	NE	2	0	—	15.3	32
13	44	40	72.9	68.5	87.4	51.1	7.8	5.4	50.6	49.6	62	71	Calm	0	N	1	0	—	15.0	34
14	39	37	70.4	63.5	82.5	49.9	1.7	2.7	67.2	49.3	90	84	Calm	0	N	2	0	—	15.2	34
15	35	29	64.7	60.0	75.3	55.3	4.8	8.1	44.9	29.7	74	58	N	2	N	2	6	—	12.0	36
16	30.18	30.07	62.1	57.0	68.4	51.6	3.0	1.8	45.8	41.1	82	88	NW	2	NW	2	9	—	10.5	43
17	29.86	29.74	64.8	58.8	70.3	56.3	4.7	3.7	45.3	38.6	75	78	W	3	NW	3	4	—	5.0	52
18	71	80	62.7	54.8	63.8	54.4	6.0	1.1	38.3	39.9	68	93	W	3	W	1	10	—	3.8	48
19	86	91	63.9	62.1	69.8	51.1	5.6	1.1	41.3	51.9	69	93	SW	1	SE	2	10	—	57.6	46
20	85	29.87	62.5	65.4	69.1	60.5	0.9	1.2	53.5	58.1	95	93	SE	3	S	4	10	—	3.8	52
21	29.88	30.04	66.5	59.1	72.5	58.8	0.7	1.3	62.3	46.0	96	92	S	4	Calm	0	10	—	0.05	45
22	30.15	30.14	61.9	57.7	68.3	50.1	4.9	2.8	40.0	39.5	72	82	W	3	Calm	0	6	—	11.8	53
23	30.22	30.16	62.0	51.9	68.1	51.8	5.2	0.0	39.4	38.7	71	100	Calm	0	Calm	0	4	—	0.06	12.9
24	29.98	29.82	60.3	61.0	73.3	46.5	2.2	0.5	45.2	52.0	87	97	S	2	SW	2	10	—	8	43
25	79	76	59.4	58.5	66.4	53.1	2.9	5.5	41.7	33.6	83	68	NW	2	Calm	0	9	—	2.9	4.8
26	70	55	57.6	62.9	69.3	47.6	1.3	1.8	43.5	51.1	91	90	Calm	0	SE	4	0	—	1.05	2.8
27	65	71	66.5	61.0	70.9	58.3	4.4	0.2	49.2	53.0	76	99	S	2	SE	2	8	—	0.4	3.8
28	86	96	60.7	60.3	67.3	58.1	1.7	1.8	47.4	46.5	90	89	NW	1	Calm	0	9	—	1.9	54
29	86	61	64.9	60.8	73.5	54.8	2.1	0.2	53.9	52.6	88	99	NE	1	Calm	0	9	—	7.6	3.9
30	52	70	62.8	60.0	70.6	58.1	1.8	1.0	50.9	48.5	89	94	S	3	S	2	10	—	2.95	4.7
31	29.65	29.66	66.4	62.9	71.9	52.9	2.6	1.1	55.1	53.6	85	94	SE	3	SE	5	7	—	3.30	5.8
M.	30.069	30.071	63.7	59.9	72.1	51.7	4.1	2.5	46.0	44.2	78	85	17	16	6.2	5.7	2.650	251	43.7	

* Miles per hour.

† Beaufort Scale (0-12).

‡ This Station takes the place of Birr Castle. The daily values for January, February, and March will be published at the end of the year.

DAILY READINGS AT STATIONS OF THE FIRST AND SECOND ORDERS, 1911.

DEERNESS, ORKNEY, a.b.—AUGUST 1911.

Heights above Mean Sea Level:—Station, H=160 ft.; Barometer, H_b =163 ft. Heights above Ground:—Therms., h_t =4 ft.; Rain-gauge, h_r =1 ft.
Long. 2° 45' W. Lat. 58° 56' N. Gravity Correction, +.036 in. Time, Greenwich mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.			Wind Direction and Force (0-12) or Velocity (miles per hour).	
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FORT WILLIAM, INVERNESS-SHIRE, a.—AUGUST 1911.

Heights above Mean Sea Level:—Station, H = 171 ft.; Barometer, H_b = 49.8 ft. Heights above Ground:—Therms., h_t = 4 ft.; Rain-gauge, h_r = 1 ft.
Long. 5° 7' W. Lat. 56° 49' N. Gravity Correction, +.031 in. Time, Greenwich mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.				
							Dep. of Wet.		Vapour Pressure.										Percentage.			
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.			
1	ins.	ins.	72.4	60.9	73.8	60.8	10.1	3.6	430	420	54	79	SE	3	SW	1	7∞	4	ins.	hrs.	0	Distant T 13 h. 30 m.—14 h. 30 m.
2	29.79	29.80	72.4	60.9	73.8	60.8	10.1	3.6	430	420	54	79	SE	3	SW	1	7∞	4	ins.	hrs.	0	Fine and sunny till 18 h., then
3	75	82	64.0	57.8	70.9	57.0	5.0	1.8	431	424	72	88	SW	3	SW	5	4	100	23	—	—	• showers.
4	79	79	60.8	55.2	62.9	54.8	4.7	0.4	388	425	74	98	SSW	5	SW	3	100	100=0	31	—	—	Dull and cloudy.
5	81	77	55.5	57.4	61.0	52.7	0.9	1.6	415	423	94	90	SW	2	Calm	0	100=0	10	04	—	—	• showers all day.
6	48	53	59.1	54.9	64.6	51.0	2.1	2.2	435	370	87	86	Calm	0	WSW	3	100=0	6	43	—	—	Showery throughout.
7	57	67	55.4	50.6	62.1	51.2	0.6	1.6	422	411	97	89	SW	4	SW	5	50=0	100=0	37	—	—	Fine and sunny after 11 h.
8	81	89	58.6	60.5	60.6	54.7	1.5	1.7	445	472	91	90	SW	4	W	4	100=0	100=0	42	—	—	Fine, warm and sunny.
9	98	29.98	59.1	64.2	74.4	58.0	0.5	4.2	486	458	97	76	WSW	5	Calm	0	100=0	4	01	—	—	Fine, warm and sunny.
10	29.87	30.05	70.8	57.0	74.9	56.8	6.4	0.9	510	437	68	94	SW	5	SW	1	5	10	—	—	—	Very fine and sunny.
11	30.16	24	60.7	55.7	67.4	52.3	3.4	1.9	423	390	80	88	WSW	3	Calm	0	8	1	—	—	—	Fine, warm and sunny.
12	25	21	61.8	57.8	70.8	49.0	4.8	4.4	401	354	73	74	Calm	0	NE	5	1	1	—	—	—	Very fine and sunny.
13	20	17	59.9	61.0	69.7	50.2	5.1	3.0	366	439	70	82	NE	3	ENE	4	5	5	—	—	—	Very fine and sunny.
14	22	23	65.2	60.8	77.0	56.9	5.2	2.0	444	468	72	88	NE	5	NE	3	1	0	—	—	—	Very fine and sunny.
15	27	19	62.3	60.9	72.0	57.0	3.4	3.5	449	423	80	79	NE	4	E	1	9	0	—	—	—	Very fine and sunny.
16	20	14	61.0	59.0	73.0	51.7	6.1	3.9	356	383	67	77	NE	4	NE	3	0	0	—	—	—	Very fine and sunny.
17	12	30.08	58.8	58.7	75.9	47.5	5.0	3.7	352	384	71	77	NE	4	Calm	0	0	0	—	—	—	Very fine and sunny.
18	30.03	29.90	59.0	63.4	75.9	47.5	5.0	3.7	352	384	71	77	NE	4	Calm	0	8.00	7.00	—	—	—	Cloudy and sultry.
19	29.92	29.76	60.7	59.0	67.0	57.1	4.1	2.8	404	413	77	83	Calm	0	Calm	0	9.00	10	—	—	—	Cloudy and sultry.
20	86	76	61.7	57.0	70.5	53.4	4.2	1.0	417	434	76	93	Calm	0	E	1	9.00	10	28	—	—	Dull and cloudy. • showers p. Generally [sunny]
21	72	70	59.0	58.9	70.7	50.0	1.1	2.5	464	420	93	84	Calm	0	E	2	10.00	10	—	—	—	at times.
22	68	75	61.1	55.3	69.4	51.9	3.3	2.5	432	367	80	84	NE	4	ENE	5	9	9	—	—	—	Fine and sunny.
23	81	84	58.3	53.7	68.5	49.3	3.4	2.7	386	338	79	82	NE	3	ENE	3	9	5	—	—	—	Fine and sunny.
24	82	77	57.0	49.2	65.7	49.0	4.0	2.2	351	296	75	85	Calm	0	SW	2	8.00	1	—	—	—	Fine and sunny.
25	53	31	58.4	56.3	60.6	45.2	5.4	2.3	337	387	69	85	Calm	0	SSW	3	7.00	100	93	—	—	at times.
26	45	51	56.5	56.0	61.8	54.2	2.5	2.0	384	391	84	87	SW	5	SW	3	100=0	90=0	44	—	—	at times.
27	68	61	55.9	57.2	59.2	53.0	1.1	2.1	416	406	94	87	SW	3	SW	4	100=0	100=0	11	—	—	at times.
28	71	66	58.8	56.0	64.0	52.8	2.8	0.7	410	428	83	95	SW	5	Calm	0	8.00	6	—	—	—	at times.
29	63	57	59.5	53.6	67.5	51.9	3.7	0.7	396	392	78	95	SW	5	SW	2	5	100	91	—	—	at times.
30	29.58	29.90	51.8	54.0	64.2	50.0	1.3	4.3	351	303	91	73	SW	5	W	3	100=0	7	—	—	—	at times.
31	30.07	30.06	54.8	54.8	64.0	46.8	3.1	1.6	345	384	80	89	SW	3	SW	2	10	9	—	—	—	at times.
31	29.80	29.60	57.7	58.0	59.1	52.9	3.7	1.0	370	451	77	93	SW	7	SW	8	10	100	11	—	—	at times.
M.	29.861	29.853	59.9	57.4	67.6	52.6	3.6	2.3	407	405	80	86	3.0	2.5	7.3	6.6	7.15	—	—	—	—	at times.

DUNDEE, FORFARSHIRE, c.d.—AUGUST 1911.

Heights above Mean Sea Level:—Station, H = 160 ft.; Barometer, H_b = 164 ft. Heights above Ground:—Therms., h_t = 3.8 ft.; Rain-gauge, h_r = 1 ft.
Long. 2° 56' W. Lat. 56° 28' N. Gravity Correction, +.030 in. Time, Greenwich mean time.

1	29.73	29.74	64.5	61.0	72.2	57.0	3.5	1.5	485	487	80	91	E	1	SE	1	5	10	13	—	—	T 15 h. 30 m.—16 h. 30 m.	
2	85	78	68.0	63.8	75.0	55.0	5.5	4.3	486	449	71	76	S	1	SW	3	5	10	02	—	—	Fine 8 h.—18 h.	
3	69	64	64.0	58.9	73.0	57.6	5.0	1.1	431	462	72	94	SW	3	SW	1	5	10	19	—	—	T 18 h.—19 h.	
4	70	69	61.8	61.5	69.0	48.5	5.6	4.0	379	419	69	77	SW	1	SW	1	5	10	15	—	—	Fine till 17 h., then dull.	
5	40	42	58.4	58.0	64.3	54.3	0.6	2.0	470	421	97	87	SE	3	SW	1	10	10	10	—	—	• 7 h.—8 h. and 14 h.—15 h.	
6	47	55	60.2	59.7	66.8	51.0	4.4	1.5	388	464	74	91	SW	3	SW	3	5	10	02	—	—	Fine till 14 h. • 20 h. 30 m.	
7	71	84	66.2	63.0	69.2	55.5	5.0	3.2	468	468	73	81	SW	3	SW	1	5	10	—	—	—	Dull and cloudy after 12 h.	
8	90	91	68.0	64.2	76.8	59.9	5.4	3.2	489	489	71	81	SW	5	SW	1	5	0	—	—	—	Fine.	
9	84	29.90	73.5	63.0	82.8	57.2	6.3	5.5	568	401	69	70	S	1	W	1	0	5	—	—	—	Fine. T from 21 h.	
10	29.99	30.12	66.2	56.2	74.7	56.0	8.7	1.7	366	402	57	89	SW	3	NE	1	0	10	—	—	—	Fine till 19 h., then dull.	
11	30.16	15	65.5	57.0	68.0	49.5	8.5	3.0	361	377	57	81	E	2	E	2	5	10	—	—	—	Fine till 19 h., then dull.	
12	11	10	59.5	57.8	67.0	49.5	2.3	1.0	435	449	86	94	E	4	E	1	10	10	—	—	—	Fine 16 h.—21 h., otherwise dull.	
13	10	16	60.5	56.9	63.4	56.0	2.5	0.4	446	451	85	98	N	1	E	1	10	10	02	—	—	Fine till 14 h., then dull.	
14	16	11	57.8	54.8	61.7	54.2	0.3	1.3	470	393	98	92	E	1	E	1	10	10	—	—	—	Dull.	
15	06	04	56.9	54.8	68.5	52.8	2.0	2.0	403	373	87	88	S	1	E	1	10	0	—	—	—	Fine after 11 h.	
16	30.01	30.02	55.5	52.2	65.2	48.2	2.7	1.0	365	363	83	93	SE	1	SE	1	10	0	—	—	—	Dull till 13 h., then fine.	
17	29.90	29.82	64.5	60.0	78.0	45.0	4.5	2.0	454	453	75	88	SW	1	SE	1	5	10	—	—	—	Fine till 13 h., then dull.	
18	71	78	66.5	58.1	68.8	56.2	5.5	0.6	458	465	70	96	NW	1	SE	1	10	10	02	—	—	Fine 10 h.—16 h.	
19	75	71	56.5	58.0	62.0	56.0	1.0	0.5	427	467	94	97	E	1	SE	1	10	100	23	—	—	• 6 h. 30 m.—7 h. 30 m. and 20 h. [21 h.]	
20	57	57	61.2	56.0	64.2	54.2	1.7	1.5	484	405	90	90	S	1	SE	1	10	10	01	—	—	Dull and cloudy.	
21	54	59	63.5	54.0	64.6	49.5	5.0	1.6	423	371	72	89	SE	1	SE	1	5	10	—	—	—	Dull till 12 h., then fine.	
22	67	71	55.7	54.0	62.6	50.5	4.7	2.0	319	360	71	86	NE	1	NE	1	10	10	—	—	—	Fine 10 h.—18 h.	
23	71	66	54.3	55.6	64.0	50.0	1.1	3.6	390	344	92	77	SE	1	W	1	10	10	—	—	—	Dull till 16 h., then fine.	
24	51	32	57.5	58.0	61.2	47.2	1.7	2.0	422	421	89	87	E	1	SE	1	10	10	16	—	—	Dull. • 12 h.—15 h.	
25	38	46	61.6	57.5	66.8	55.5	3.6	3.0	432	386	79	81	SW	3	SW	3	10	0	—	—	—	Dull till 12 h., then fine.	
26	59	49	59.8	58.2	64.6	52.8	4.0	0.7	393	464	77	96	SW	3	SW	3	10	0	—	—	—	Dull till 15 h., then fine.	
27	61	57	61.5	58.5	68.5	51.0	3.9	3.0	421	400	77	81	SW	5	SW	1	5	10	02	—	—	Cloud and sunshine till 16 h.	
28	57	49	63.0	57.2	69.6	52.4	4.0	2.4	443	397	77	85	SW	1	SW	3	5	10	02	—	—	Fine till 15 h.	
29	46	71	58.8	54.5	65.8	53.8	5.8	3.5	332	329	67	77	SW	5	SW	1	10	0	—	—	—	Dull till 10 h.	
30	94	98	58.5	57.0	64.0	45.0	4.0	3.0	373	377	76	81	SW	1	W	2	0	5	—	—	—	Fine.	
31	29.81	29.56	57.2	57.5	61.6	52.0	3.2	1.7	375	422	80	89	SW	5	SW	8	10	100	04	—	—	from 12 h. • 18 h.—21 h.	
M.	29.761	29.761	61.5	58.0	67.9	52.7	3.9	2.2	424	417	78	87	2.1		1.6	7.1	7.1	7.1	1.13	—	—		

DOUGLAS, ISLE OF MAN, a.—AUGUST 1911.

Heights above Mean Sea Level:—Station, H = 277 ft.; Barometer, H_b = 284 ft. Heights above Ground:—Therms., h_t = 4 ft. Rain-gauge, h_r = 10 ins.
Long. 4° 28' W. Lat. 54° 10' N. Gravity Correction, +.024 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sun- shine.	Min. Temp. on Grass.	Remarks.				
							Dep. of Wet.		Vapour Pressure.										Percentage.			
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.			
1	ins.	ins.	61.0	58.2	65.1	58.0	1.4	0.2	490	479	92	99	SSE	3	SW	2	9	ins.	hrs.	56	● 10 h. Dull a. Fine p.	
2	29.54	29.66	61.0	58.2	65.1	55.0	0.8	1.6	480	448	95	99	S	1	S	5	9	0.32	7.1	56	● a. ● showers 18 h.—20 h.	
3	29.54	29.66	59.3	58.2	63.4	50.0	1.2	0.8	468	460	93	95	SSW	5	W	1	9	0.10	8.6	54	● showers a. ● 20 h.	
4	29.54	29.66	59.7	57.0	62.5	53.7	2.7	0.0	427	465	84	100	SW	2	SE	3	3	1.00	4.30	51	Fine to 15 h. ● from 21 h.	
5	29.54	29.66	59.0	55.9	63.2	55.5	2.0	0.9	493	420	99	94	WSW	3	W	3	10	9.0	2.77	56	● early a. ● showers p.	
6	29.54	29.66	55.8	62.2	64.4	52.5	0.0	4.9	446	405	100	73	SSW	3	W	5	100	9	4.3	50	● till 13 h., and 16 h. 30 m.	
7	29.54	29.66	59.7	57.0	63.7	57.0	1.4	0.0	493	500	92	100	SW	5	SSW	2	8	10.0	8.0	55	Squally.	
8	29.54	29.66	61.7	68.5	72.0	58.2	1.3	4.8	506	516	92	74	SE	3	SE	1	9	0.0	—	58	Very fine.	
9	29.54	29.66	61.7	58.9	71.0	58.6	1.7	2.8	510	411	90	83	SW	3	NNW	1	7	7	—	57	● 6 h. Very fine.	
10	29.54	29.66	62.0	60.1	67.2	52.2	4.7	4.1	407	394	74	76	WNW	1	NNW	3	1	3	—	58	● a. Very fine.	
11	29.54	29.66	62.1	59.4	68.1	54.6	4.1	1.8	426	450	76	90	NE	3	ENE	2	0	0	—	52	Very fine.	
12	29.54	29.66	69.2	69.6	77.3	57.9	1.1	6.6	666	480	94	66	ENE	3	ENE	5	3	0	—	56	● a. Fine.	
13	29.54	29.66	72.5	70.5	78.8	67.0	8.9	6.5	465	501	57	67	E	4	E	4	800	0	—	56	Fine, but squally.	
14	29.54	29.66	73.2	66.0	78.8	65.1	10.9	3.7	422	506	51	80	ESE	3	ENE	1	200	3.0	—	61	Very fine.	
15	29.54	29.66	65.0	61.8	68.7	54.8	4.4	4.8	466	401	76	73	E	2	NE	2	200	0	—	52	Very fine.	
16	29.54	29.66	63.0	58.8	69.1	54.0	4.1	2.6	440	416	77	84	SE	2	NNE	1	000	0	—	50	Very fine.	
17	29.54	29.66	62.0	60.8	69.2	55.0	2.5	0.5	472	517	85	97	SE	1	W	2	700	7.0	—	50	● early a. Very fine.	
18	29.54	29.66	58.1	56.8	66.0	50.0	2.2	1.3	417	423	85	92	NW	5	NW	2	9	1	—	57	Fine, but squally.	
19	29.54	29.66	62.0	57.2	65.0	53.0	3.0	2.1	456	400	82	87	WSW	1	NW	1	6	7	—	58	● a. Very fine.	
20	29.54	29.66	61.1	58.2	65.0	58.0	0.2	1.2	532	448	98	92	ENE	2	NE	3	10	0	—	58	Cloudy a. Fine p.	
21	29.54	29.66	60.0	54.1	64.8	53.9	3.0	0.6	423	402	82	96	NNE	3	NNE	1	6	0.0	—	56	Cloudy a. Fine p.	
22	29.54	29.66	59.0	57.5	62.3	51.8	3.0	1.4	423	430	82	91	SW	1	E	1	9	0.0	—	53	Very fine.	
23	29.54	29.66	57.3	56.8	63.0	56.0	0.0	1.5	470	417	100	90	SSE	4	WSW	3	100	1	—	50	Cloudy intervals.	
24	29.54	29.66	59.0	56.7	63.5	54.4	2.8	1.9	413	403	83	88	W	5	WNW	1	6	0	—	54	● 6 h.—10 h. ● 16 h. 30 m.	
25	29.54	29.66	58.0	59.3	62.0	54.2	1.0	0.0	451	505	93	100	SW	4	WSW	5	9	0	—	53	● showers in afternoon.	
26	29.54	29.66	59.0	56.3	60.2	52.5	1.0	0.3	467	444	94	98	SW	1	SW	3	9	10	—	53	● showers p. ● 20 h.—23 h.	
27	29.54	29.66	60.3	55.8	63.1	53.5	2.3	0.8	449	422	86	94	SW	1	WSW	3	2	10	—	48	● 12 h.—18 h. and 23 h.	
28	29.54	29.66	57.3	57.0	63.8	53.3	1.8	0.7	411	390	88	95	W	6	NNW	1	8	0.0	—	54	K. 18 h. 30 m.	
29	29.54	29.66	58.5	53.5	60.5	49.1	6.9	1.0	304	403	62	93	NNW	1	WNW	1	8	2.0	—	52	Squally.	
30	29.54	29.66	57.5	58.1	59.9	51.3	2.4	1.6	402	435	85	89	SSW	4	SW	6	9	0.0	—	47	Very fine.	
31	29.54	29.66	57.5	58.1	59.9	51.3	2.4	1.6	402	435	85	89	SSW	4	SW	6	9	0.0	—	47	Dull, with ● showers.	
M.	29.660	29.654	61.2	59.5	66.3	55.3	2.7	2.1	456	442	85	88	2.8	2.5	6.7	4.9	1.930	256	53.0			

STONYHURST, LANCASHIRE, a.—AUGUST 1911.

Heights above Mean Sea Level:—Station, H = 375 ft.; Barometer, H_b = 363 ft. Heights above Ground:—Therms., h_t = 7 ft. Rain-gauge, h_r = 2 ft.
Long. 2° 28' W. Lat. 53° 51' N. Gravity Correction, +.023 in. Time, Local mean time.

1	29 ⁵⁵	29 ⁶⁰	66 ⁰	62 ⁴	75 ⁵	59 ²	6 ⁰	2 ⁶	434	476	68	85	SE	4	—	1	10 ⁰⁰	8	0 ²⁰	4 ³	53	T 18 h. 30 m.
2	73	65	67 ²	63 ⁴	74 ⁵	56 ⁵	7 ²	3 ⁴	422	469	63	80	SW	4	—	1	4 ⁰⁰	10	0 ⁰⁵	7 ¹	53	Bright and sunny.
3	58	56	64 ⁴	61 ³	70 ⁸	59 ⁷	5 ⁴	3 ⁰	426	444	70	82	SSW	8	W	4	8 ⁰⁰	8	0 ⁰⁵	4 ³	58	● showers. Sunny intervals.
4	59	54	63 ⁴	62 ⁰	68 ⁰	56 ⁵	5 ⁴	4 ²	410	421	70	76	SW	7	—	0	4	10	3 ⁹⁰	7 ⁵	55	Fine. ● showers n.
5	33	33	62 ⁸	67 ⁸	63 ¹	56 ⁷	2 ¹	1 ⁷	500	440	87	89	S	12	—	2	10 ⁰⁰	8	9 ⁰⁰	0 ⁴	50	● 7 h.—16 h. Fine n.
6	41	53	60 ⁵	58 ⁵	65 ²	51 ⁰	4 ⁵	2 ⁵	389	480	74	85	SW	7	SW	7	10 ⁰⁰	10	3 ⁷⁵	0 ⁴	49	● 22 h.
7	69	79	65 ⁰	62 ⁹	70 ⁵	59 ⁰	5 ⁰	3 ⁶	447	453	73	79	WSW	14	S	4	8	1	—	7 ²	57	Fine all day.
8	81	73	70 ⁰	71 ⁵	80 ¹	55 ⁷	6 ⁷	8 ³	486	405	66	60	S	10	—	2	0	0 ⁰⁰	—	13 ¹	53	Very fine, warm, and sunny.
9	69	70	78 ²	61 ⁶	80 ⁰	59 ⁵	11 ²	2 ⁶	505	462	52	84	—	2	SW	6	0 ⁰⁰	3	—	11 ⁴	57	Very fine, warm, and sunny.
10	81	84	66 ²	60 ⁷	73 ¹	53 ⁵	8 ⁵	5 ⁴	371	369	58	70	N	4	NE	4	0 ⁰⁰	0 ⁰⁰	—	12 ⁶	50	Very fine, warm, and sunny.
11	73	74	66 ⁸	67 ⁷	79 ³	57 ⁶	5 ⁸	6 ⁰	455	466	69	69	ENE	7	NE	7	0 ⁰⁰	3	—	12 ²	53	Very fine. < 20 h.—23 h. [mid]
12	73	74	66 ⁸	67 ⁷	79 ³	57 ⁶	5 ⁸	6 ⁰	455	466	69	69	NE	7	N	10	3	4	—	11 ³	56	Bright and sunny.
13	81	85	73 ⁰	70 ⁰	82 ³	61 ⁰	9 ²	8 ⁰	466	446	57	61	N	8	NE	7	0 ⁰⁰	0	—	13 ¹	58	Fine all day.
14	87	84	72 ⁰	61 ⁵	79 ⁵	59 ⁵	9 ⁰	3 ⁸	454	424	57	78	NE	4	N	6	2	4 ⁰⁰	—	12 ⁵	55	Very fine.
15	81	80	61 ⁸	57 ⁰	69 ⁸	51 ¹	6 ⁰	4 ⁵	369	339	07	73	NE	4	N	2	0	0	—	12 ¹	47	Fine.
16	80	80	57 ³	59 ⁵	70 ⁶	47 ³	4 ³	4 ⁸	348	367	74	72	—	2	NNE	4	0 ⁰⁰	0	—	9 ⁷	43	Fine.
17	74	66	63 ⁰	63 ⁰	74 ³	48 ³	6 ⁰	4 ⁰	387	443	67	77	—	2	—	2	3 ⁰⁰	5 ⁰⁰	0 ²⁰	9 ⁵	44	Fine. Light cir. from S. W.
18	57	57	64 ⁰	59 ⁴	67 ⁰	57 ⁵	2 ⁰	2 ⁴	525	431	88	86	WSW	6	SW	4	10 ⁰⁰	3	—	9 ⁶	55	● a, then fine.
19	54	42	60 ⁰	64 ⁰	69 ⁰	52 ⁵	3 ⁰	4 ³	423	452	82	76	—	2	N	4	2	9	—	1 ⁵	49	Dull and cloudy.
20	38	28	67 ⁰	64 ⁰	75 ⁴	57 ⁵	6 ⁵	2 ⁸	439	499	66	83	—	2	N	4	2	10 ⁰⁰	2 ⁰⁰	8 ²	50	[20 h.—22 h. ● 23 h.
21	24	29	62 ⁰	61 ⁴	67 ⁸	59 ⁸	2 ³	3 ⁰	478	446	86	82	NE	6	NNE	4	10 ⁰⁰	10	1 ⁵⁰	0 ¹	49	● showers.
22	39	48	58 ³	58 ⁸	67 ⁰	50 ⁷	2 ³	4 ⁴	417	367	85	74	—	3	—	2	10 ⁰⁰	10	—	2 ⁰	55	● a. Fine p.
23	52	49	61 ⁰	59 ⁶	65 ⁶	49 ¹	5 ⁰	3 ⁶	383	400	72	78	—	2	—	2	8	10	—	4 ⁹	45	Sunny intervals.
24	33	29	63 ⁰	60 ⁰	67 ²	56 ⁷	5 ⁰	4 ²	414	390	72	75	SSE	14	SW	5	10	3	0 ⁶⁰	3 ²	53	Cloudy a. Fine p.
25	37	44	63 ⁰	61 ⁰	66 ²	53 ⁷	5 ⁰	4 ⁰	414	410	72	77	WSW	9	SW	7	5	8	—	9 ⁹	51	Bright and sunny.
26	52	45	60 ⁰	60 ⁶	67 ⁶	57 ³	3 ⁰	2 ⁴	423	451	82	85	SW	10	SW	6	7	10 ⁰⁰	2 ⁹⁵	1 ⁹	55	Sunny intervals. ● from 20 h.
27	52	47	62 ⁸	57 ⁵	67 ⁴	56 ⁵	3 ⁶	1 ⁵	452	427	79	90	S	4	—	1	10	10 ⁰⁰	6 ¹⁰	0 ⁹	55	Fair a. ● showers p. ● n.
28	48	45	62 ³	58 ⁰	67 ³	56 ³	4 ¹	4 ⁰	429	367	76	76	SW	9	SW	6	5	2	0 ¹⁰	5 ⁴	55	Fine. @ 12 h. 15 m. < n.
29	48	64	60 ⁴	59 ⁰	63 ²	53 ⁸	5 ⁰	3 ⁰	375	407	71	82	SW	18	WSW	7	10 ⁰⁰	1	0 ¹⁰	9 ³	52	● showers. Sunny intervals.
30	80	86	60 ⁰	52 ³	63 ⁰	46 ⁵	5 ⁰	2 ³	369	331	71	84	—	2	—	0	7	5	—	10 ⁷	42	Fine all day.
31	29 ⁸¹	29 ⁶⁷	58 ⁰	58 ⁶	64 ⁷	47 ⁸	3 ⁷	4 ⁶	375	359	78	73	S	5	SW	6	10	5	—	0 ⁵	41	Cloudy to fair.
M.	29 ⁶⁰²	29 ⁵⁹⁶	64 ⁰	61 ³	70 ⁵	55 ¹	5 ³	3 ⁸	425	422	71	78		6		4	5 ⁶	5 ⁵	3 ¹⁴⁰	214	51 ⁷	

SOUTHAMPTON, HAMPSHIRE, a.—AUGUST 1911.

Heights above Mean Sea Level:—Station, H = 64 ft.; Barometer, H_b = 84 ft. Heights above Ground:—Therms., h_t = 4.5 ft. Rain-gauge, h_r = 1 ft.
Long. 1° 24' W. Lat. 50° 55' N. Gravity Correction, +.016 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sun- shine.	Min. Temp. on Grass.	Remarks.		
							Dep. of Wet.		Vapour Pressure.										Percentage.	
9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.					
1	ins.	ins.																		
2	29.90	30.00	74.0	62.3	76.8	62.0	9.4	1.6	.480	.506	57	90	SW	1	5	2	ins.	hrs.		
3	30.10	29.98	68.4	62.0	71.9	58.4	6.3	1.8	.468	.494	67	89	SW	2	10	1	10.3	50		
4	29.99	29.98	63.1	62.8	72.2	61.5	0.8	3.0	.549	.471	95	83	SW	4	10	0	.050	50		
5	.98	.95	68.0	62.4	73.4	57.0	7.9	1.9	.416	.499	60	89	SW	2	10	0	.050	50		
6	.79	.75	67.5	61.7	72.4	61.4	6.0	1.6	.462	.495	69	91	SW	4	10	0	.020	50		
7	29.90	29.99	67.7	64.1	70.2	53.8	7.1	2.6	.433	.508	63	85	SW	4	10	0	.020	50		
8	30.12	30.15	69.5	62.9	75.8	60.0	7.5	1.9	.451	.507	62	89	SW	2	10	0	.020	50		
9	30.15	30.04	71.7	70.0	81.3	58.6	7.1	4.4	.505	.562	65	76	SE	1	0	0.000	.000	50		
10	29.98	29.96	80.0	72.0	88.0	59.6	11.0	5.4	.545	.567	53	72	SE	2	0	0.000	.000	50		
11	30.02	30.02	73.6	71.4	86.9	61.5	10.7	11.0	.435	.389	52	50	NE	4	0	0.000	.000	50		
12	29.99	29.94	70.1	73.5	84.5	60.3	6.3	8.5	.501	.497	69	60	NE	3	1	0	1.000	50		
13	29.89	29.91	78.0	78.3	88.3	62.7	11.3	3.1	.499	.814	52	84	ENE	1	0	0	1.000	50		
14	30.00	30.02	80.8	74.4	85.1	66.7	13.3	11.8	.490	.420	47	49	SE	1	0	0	1.000	50		
15	.06	.05	78.8	72.3	88.6	64.0	12.2	10.4	.486	.420	50	53	NE	3	0	0	1.000	50		
16	.07	.04	68.0	65.1	80.4	57.2	7.4	3.3	.430	.503	62	81	NE	2	0	0	1.000	50		
17	.07	.08	67.5	62.5	79.0	55.4	7.4	1.5	.421	.513	62	91	ENE	1	0	0	1.000	50		
18	30.11	30.05	70.5	63.6	78.0	54.3	8.1	3.3	.453	.476	61	81	SW	1	0	0	1.000	50		
19	29.94	29.87	71.2	68.1	83.3	57.0	8.0	5.2	.531	.498	60	73	W	1	0	0	1.000	50		
20	.81	.73	72.1	67.0	79.2	57.0	8.0	3.1	.485	.546	61	83	E	1	0	0	1.000	50		
21	.66	.52	75.1	69.1	79.7	58.2	8.1	3.9	.541	.557	86	95	SW	1	0	0	1.000	50		
22	.48	.52	68.4	73.9	64.0	2.5	0.9	0.9	.563	.572	86	95	SW	1	0	0	1.000	50		
23	.56	.70	65.5	61.1	70.1	59.9	1.9	1.9	.558	.476	89	88	NE	1	0	0	1.000	50		
24	.77	.80	64.8	60.8	72.8	53.6	5.7	2.2	.424	.461	70	87	NNE	3	0	0	1.000	50		
25	.73	.72	66.1	60.6	68.2	55.8	4.1	0.8	.495	.502	77	95	SW	3	0	0	1.000	50		
26	.77	.88	64.0	60.0	72.4	57.3	3.9	1.0	.464	.485	78	94	W	2	0	0	1.000	50		
27	.95	.96	67.0	65.0	70.4	53.2	5.3	1.6	.474	.558	72	90	SW	4	0	0	1.000	50		
28	.95	.89	65.8	65.0	71.3	63.9	1.4	1.9	.582	.548	91	89	SW	4	0	0	1.000	50		
29	.85	.85	63.5	60.2	67.0	59.9	1.4	0.4	.536	.508	92	98	WSW	1	0	0	1.000	50		
30	29.97	30.06	67.7	59.5	70.6	56.3	5.9	2.5	.469	.429	69	85	W	4	0	0	1.000	50		
31	30.12	.18	62.8	56.8	71.2	55.1	4.2	0.9	.434	.435	76	94	NW	1	0	0	1.000	50		
31	30.21	30.12	63.3	57.0	71.0	47.6	7.7	1.9	.348	.408	60	88	NW	1	0	0	1.000	50		
M.	29.931	29.929	69.4	65.0	76.6	58.4	6.6	3.4	.482	.504	68	82	2.1	1.6	5.4	2.0	0.715	252	53.0	

FALMOUTH, CORNWALL, a.e.—AUGUST 1911.

Heights above Mean Sea Level:—Station, H = 167 ft.; Barometer, H_b = 183 ft. Heights above Ground:—Therms., h_t = 4 ft. Rain-gauge, h_r = 2 ft.
Long 5° 4' W. Lat. 50° 9' N. Gravity Correction, +.013 in. Time, Greenwich mean time.

1	29.71	29.86	66.3	61.8	71.0	59.0	3.1	1.1	.532	.514	82	93	SW	12	—	2	7	10 h.	22 h.	10 h.	—	Cloud and sunshine.	
2	.94	.89	68.3	63.0	71.7	58.0	4.8	1.2	.513	.533	74	93	S	7	SSW	10	7	10.6	.05	.93	—	Bright and sunny a. ● n.	
3	.86	.88 <th>65.1</th> <th>61.7</th> <th>68.4</th> <th>59.0</th> <th>4.0</th> <th>1.7</th> <th>.480</th> <th>.492</th> <th>78</th> <th>90</th> <th>SW</th> <th>13</th> <th>SW</th> <th>10</th> <th>7</th> <th>1</th> <th>.23</th> <th>.93</th> <th>—</th> <th>Very bright generally.</th>	65.1	61.7	68.4	59.0	4.0	1.7	.480	.492	78	90	SW	13	SW	10	7	1	.23	.93	—	Very bright generally.	
4	.87	.76	65.0	62.7	69.9	57.9	4.1	1.0	.475	.535	78	94	SW	8	SW	12	5	10	1.36	.41	—	Bright a. ● showers p. Dull.	
5	.58	.69	60.2	57.5	66.1	57.0	0.2	2.4	.515	.402	99	85	SSW	6	W	6	10.6	0	.03	.22	—	● 6 h. 50 m.—9 h.	
6	29.78	29.91	62.2	62.4	68.7	55.8	1.9	1.8	.494	.502	89	90	SW	15	WSW	7	7	0	—	.72	—	Bright to cloudy.	
7	30.00	30.01	66.7	61.6	72.0	59.9	3.6	0.6	.523	.527	80	96	SSW	7	—	1	7	0	≡ 0	.112	—	Bright and warm.	
8	29.96	29.88	66.7	65.0	69.9	60.3	2.8	2.0	.551	.544	84	88	E	6	—	2	2	0	—	.131	—	Beautifully fine.	
9	29.90	.94	65.0	60.9	66.8	59.8	3.1	2.1	.507	.466	83	88	N	6	NNW	11	10	2	—	.75	—	Cloudy a. Bright p.	
10	30.00	.94	65.1	61.2	67.8	59.8	6.0	2.2	.420	.467	69	87	N	12	N	7	0	0	—	.140	—	Bright and cloudless.	
11	29.87	.80	65.6	64.5	69.0	60.0	5.4	4.2	.445	.463	71	77	E	7	N	4	0	5	—	.103	—	Fine and bright.	
12	.76	.78	67.1	66.3	73.1	63.0	3.4	3.5	.538	.518	81	80	—	2	—	3	0	0	.03	.19	—	☾ 3 h. 30 m. and 6h.—7 h. T	
13	.87	.89	68.8	65.7	74.3	61.0	4.6	1.8	.527	.565	75	89	NNE	4	NNW	5	0	2	—	.124	—	Very fine. (14 h. and 16 h.)	
14	.91	.92	70.4	67.6	74.4	64.9	7.5	4.7	.469	.504	63	75	NE	4	NE	5	6	0	—	.77	—	Bright and very warm.	
15	.96	.93	69.0	64.0	70.3	61.9	7.0	3.8	.457	.467	64	78	E	4	—	2	0	0	—	.131	—	Brilliant and cloudless.	
16	.95	.98	68.0	63.0	70.1	58.1	3.0	1.0	.569	.340	83	94	E	4	—	2	0	0	—	.124	—	Bright and cloudless.	
17	.97	.93	68.1	64.0	70.9	60.0	5.1	1.1	.499	.557	72	93	SE	5	—	2	0	0	≡ 0	.128	—	Very fine.	
18	.86	.79	66.8	64.0	71.7	58.1	2.1	1.3	.578	.550	82	92	—	2	N	4	1	0	—	.103	—	≡ ^a early a. Bright from	
19	.71	.61	66.0	63.0	70.9	60.1	3.0	1.7	.529	.516	83	90	—	2	—	1	9	0	—	.39	—	Bright early a.	
20	.51	.41	66.4	64.7	71.6	59.4	4.4	1.6	.491	.553	86	91	—	3	NW	6	5	5	—	.33	—	Frequent T 14 h.—16 h.	
21	.37	.45	67.1	64.2	73.0	63.0	3.1	1.3	.547	.554	82 <td>92</td> <td>W</td> <td>5</td> <td>NNW</td> <td>4</td> <td>5</td> <td>5</td> <td>—</td> <td>.33</td> <td>—</td> <th>Overcast early a., then bright.</th>	92	W	5	NNW	4	5	5	—	.33	—	Overcast early a., then bright.	
22	.50	.60	65.5	63.2	70.2	59.4	3.5	2.7	.503	.487	80 <td>84</td> <td>N</td> <td>9</td> <td>N</td> <td>7</td> <td>10</td> <td>0</td> <td>—</td> <td>.93</td> <td>—</td> <th>Fine and bright till 11 h.</th>	84	N	9	N	7	10	0	—	.93	—	Fine and bright till 11 h.	
23	.69	.68	63.3	60.7	68.8	57.0	5.1	1.5	.417	.481	71	91	—	3	—	3	1	0	.23	.77	—	6 h. and 30 m.—9 h.	
24	.52	.62	61.0	61.7	70.0	60.1	0.8	1.8	.510	.490 <td>95</td> <td>89</td> <td>W</td> <td>9</td> <td>SW</td> <td>7</td> <td>7</td> <td>0</td> <td>.01</td> <td>.77</td> <td>—</td> <th>● 6 h. 30 m.—9 h.</th>	95	89	W	9	SW	7	7	0	.01	.77	—	● 6 h. 30 m.—9 h.	
25	.69	.80	65.0	59.5	70.7	57.4	6.0	1.6	.418	.457 <td>68</td> <td>90</td> <td>W</td> <td>8</td> <td>—</td> <td>3</td> <td>5</td> <td>0</td> <td>—</td> <td>.110</td> <td>—</td> <th>Fine and bright.</th>	68	90	W	8	—	3	5	0	—	.110	—	Fine and bright.	
26	.85	.83	65.2	63.0	69.1	57.8	4.2	0.4	.475	.562 <td>77</td> <td>98</td> <td>SW</td> <td>13</td> <td>SW</td> <td>15</td> <td>9</td> <td>10.6</td> <td>.26</td> <td>.15</td> <td>—</td> <th>Dull. Drizzle from 16 h. 30 m.</th>	77	98	SW	13	SW	15	9	10.6	.26	.15	—	Dull. Drizzle from 16 h. 30 m.	
27	.79	.73	66.0	60.0	68.1	59.0	0.7	0.4	.612	.505 <td>96</td> <td>98</td> <td>SW</td> <td>17</td> <td>—</td> <td>1</td> <td>10.6</td> <td>10.6</td> <td>.24</td> <td>.01</td> <td>—</td> <th>Dull and damp.</th>	96	98	SW	17	—	1	10.6	10.6	.24	.01	—	Dull and damp.	
28	.74	.79	62.7	59.2	67.1	58.0	1.2	1.8	.528	.445 <td>93</td> <td>89</td> <td>SW</td> <td>6</td> <td>WSW</td> <td>6</td> <td>9</td> <td>0</td> <td>—</td> <td>.33</td> <td>—</td> <th>Cloudy a. Fine p.</th>	93	89	SW	6	WSW	6	9	0	—	.33	—	Cloudy a. Fine p.	
29	29.89	29.99	63.0	58.5	67.2	56.3	5.0	2.5	.414	.414 <td>72</td> <td>84</td> <td>W</td> <td>9</td> <td>W</td> <td>4</td> <td>5</td> <td>4</td> <td>—</td> <td>.77</td> <td>—</td> <th>Bright generally.</th>	72	84	W	9	W	4	5	4	—	.77	—	Bright generally.	
30	30.05	30.12	62.0	57.0	65.2	53.3	4.6	2.4	.410	.394 <td>74</td> <td>85</td> <td>NNW</td> <td>6</td> <td>—</td> <td>3</td> <td>2</td> <td>0</td> <td>—</td> <td>.103</td> <td>—</td> <th>Fine and bright.</th>	74	85	NNW	6	—	3	2	0	—	.103	—	Fine and bright.	
31	30.10	30.00	61.9	55.2	67.8	54.4	3.5	1.3	.440	.398 <td>79</td> <td>91</td> <td>—</td> <td>3</td> <td>—</td> <td>2</td> <td>6</td> <td>0</td> <td>—</td> <td>.124</td> <td>—</td> <th>Fine and bright.</th>	79	91	—	3	—	2	6	0	—	.124	—	Fine and bright.	
M.	29.810	29.819	65.5	62.2	69.9	58.9	3.8	1.9	.496	.497	79	89	7	5	4.9	2.1	2.44	252	—	—	—	—	

* Miles per hour.

† Beaufort Scale (0—12).

ARMAGH, a.—AUGUST 1911.

Heights above Mean Sea Level:—Station, H = 196 ft.; Barometer, H_b = 202 ft. Heights above Ground:—Therms., h_t = 4 ft. Rain-gauge, h_r = 1 ft.
Long. 6° 39' W. Lat. 54° 21' N. Gravity Correction, +.025 in. Time, Dublin mean time.

Long. 6 31 W. Lat. 54 21 N. Gravity Correction, + 0.25 in. Time, Dublin mean time.																			
Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.	
							Dep. of Wet.		Vapour Pressure.										Percentage.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	ins.		hrs.
1	ins.	ins.	62.0	55.7	72.0	55.7	2.3	1.0	in.	in.	%	%	SSE	13	SW	4	8	ins.	hrs.
2	29.51	29.65	62.0	55.7	72.0	55.7	2.3	1.0	.478	.416	86	94	SSE	7	S	12	10	2.50	4.7
3	76	77	62.5	59.3	65.0	52.7	3.8	1.0	.440	.473	78	94	S	9	—	1	9	.087	2.9
4	75	66	60.7	58.0	67.0	54.1	2.2	2.9	.459	.396	87	82	S	—	—	—	8	.070	5.0
5	68	54	59.0	58.7	67.0	50.6	2.1	1.0	.433	.462	87	94	S	4	SE	5	10	.045	1.1
6	68	43	59.7	52.7	66.8	52.7	2.8	0.7	.425	.378	83	95	SW	7	—	3	10	.160	4.8
7	70	70	56.3	60.3	67.9	49.8	0.6	2.3	.436	.449	96	86	S	7	SW	6	10	—	3.6
8	82	74	63.4	64.7	73.0	57.8	4.4	5.0	.438	.443	75	73	SSW	7	S	8	10	—	4.2
9	29.80	29.92	61.6	56.3	68.0	58.5	4.0	6.0	.493	.434	78	68	S	11	S	9	10	—	11.4
10	30.02	30.04	60.0	57.0	68.0	56.3	2.8	1.0	.457	.424	84	93	SW	8	—	1	10	.010	3.0
11	30.00	29.95	61.7	58.7	68.0	48.1	2.1	3.1	.450	.374	87	80	—	2	—	2	0	—	8.8
12	29.90	29.85	61.7	60.3	72.0	54.0	3.2	2.0	.447	.432	81	87	NE	4	—	2	0	.010	12.0
13	29.91	29.96	65.8	66.0	78.3	58.5	1.8	1.8	.490	.405	89	89	—	2	—	2	10	—	4.5
14	30.01	30.00	72.2	64.5	80.1	55.3	3.9	5.5	.496	.449	79	71	NNE	4	ENE	4	7	—	6.3
15	29.97	29.95	67.0	58.3	55.3	7.4	6.0	.506	.411	63	68	—	2	—	3	0	2	—	12.6
16	91	90	65.1	60.6	75.0	47.0	4.7	1.3	.493	.446	75	91	—	1	—	2	0	—	12.1
17	84	77	70.0	67.8	77.2	47.0	3.4	4.6	.499	.388	81	74	—	1	—	2	0	—	12.4
18	80	77	62.0	60.7	70.0	55.8	4.4	2.7	.419	.443	75	84	—	2	—	0	9	—	5.9
19	67	58	63.1	57.0	70.0	56.0	3.3	0.9	.467	.437	80	94	—	2	—	2	8	.565	3.0
20	54	48	62.0	56.3	69.0	56.1	2.2	1.8	.481	.401	87	88	—	1	—	2	9	—	1.9
21	47	56	58.0	55.5	69.1	49.4	1.1	2.0	.448	.384	92	87	—	2	—	1	10	—	8.5
22	62	59	58.5	50.0	67.1	49.7	2.0	1.9	.429	.312	87	87	—	2	—	2	10	—	2.4
23	67	54	57.8	56.6	67.3	43.3	5.9	2.6	.319	.383	67	83	—	1	SE	7	8	.076	10.6
24	22	32	57.7	56.9	65.1	54.1	0.8	3.6	.453	.360	95	78	S	14	SW	9	10	4	22.7
25	44	56	59.0	56.5	66.0	52.0	4.0	3.0	.395	.371	76	81	SW	10	—	2	8	3	.005
26	59	56	59.0	57.0	65.8	52.0	2.4	1.3	.424	.425	86	91	S	9	—	2	10	.115	9.4
27	52	52	61.7	58.7	66.0	52.0	3.0	1.5	.453	.446	82	90	S	5	S	6	10	.013	1.0
28	52	60	60.7	54.5	68.9	53.3	3.9	2.5	.409	.354	78	83	SW	7	—	7	7	.010	8.0
29	60	83	60.7	53.3	67.0	51.7	4.0	2.9	.395	.328	76	80	SW	8	—	2	8	.025	9.5
30	96	96	56.0	54.7	66.9	48.8	1.7	4.0	.399	.321	89	75	—	2	SW	4	8	—	7.7
31	29.78	29.64	58.8	59.8	62.9	47.9	0.4	4.8	.483	.371	97	72	S	10	SW	15	10	.015	—
M.	29.698	29.704	61.6	58.5	69.7	52.3	3.2	2.7	.448	.411	82	84	—	5	—	4	7.4	4.8	1.683
																		190	48.9

DUBLIN (PHENIX PARK), a.—AUGUST 1911.

Heights above Mean Sea Level:—Station, H=155 ft.; Barometer, $H_b=159$ ft. Heights above Ground:—Therms., $h_t=4$ ft.; Rain-gauge, $h_r=1$ ft.
Long. 6° 21' W. Lat. 53° 22' N. Gravity Correction, +.022 in. Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.					
							Dep. of Wet.		Vapour Pressure.										Percentage.				
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		hrs.				
1	ins.	ins.	65.9	60.7	72.6	59.9	3.4	0.8	in.	in.	%	%	S	5	SW	7	6	4	ins.	hrs.	60	Fine, but cloudy.	
2	29.60	29.74	65.9	60.8	72.3	49.8	2.7	0.9	51.4	50.4	81	95	SSE	5	SSW	11	7	2	0.30	2.2	44	Cloudy. 14 h. 15 m.—16 h. and 19 h.	
3	67	74	62.2	58.5	70.0	56.0	0.6	0.6	53.9	47.1	97	96	SSW	14	—	1	8	9	0.60	8.0	50	Cloudy. 16 h. 45 m.—18 h. 45 m.	
4	77	57	63.2	58.4	63.2	50.8	2.9	0.5	48.1	47.3	83	97	SW	7	ESE	8	5	10	0.70	5.2	43	Cloudy. 18 h.—18 h. 30 m.	
5	47	53	60.0	53.2	68.6	52.8	1.1	1.2	48.2	37.1	93	92	WSW	7	—	3	10	1	0.70	4.1	57	Cloudy.	
6	50	72	60.0	61.7	69.2	50.3	2.3	1.9	44.4	48.6	86	89	SSW	11	SW	7	10	10	0.90	3.9	45	Fine.	
7	83	89	64.4	61.4	72.6	58.5	5.0	3.3	43.8	43.7	72	81	SW	11	SSW	6	6	3	—	9.5	54	Fine and bright.	
8	90	83	67.4	67.8	74.3	60.1	5.6	6.1	47.2	46.4	70	69	SSW	10	SSE	7	6	3	—	12.3	53	Fine, but cloudy.	
9	29.89	29.98	63.9	51.2	68.2	50.9	2.2	1.3	51.7	34.3	87	91	WSW	6	—	0	8	1	—	4.4	55	Fine, but cloudy.	
10	30.07	30.07	55.1	49.9	68.4	49.6	1.3	1.1	39.6	33.1	91	93	—	3	—	0	10	1	—	8.8	43	Fine, but cloudy.	
11	30.01	29.95	63.4	57.5	65.9	41.4	6.4	1.7	38.3	42.2	65	89	E	3	—	2	1	1	0.70	9.0	37	Fine a. Cloudy p.	
12	29.90	29.85	64.8	62.2	69.3	51.7	4.9	1.9	44.8	49.4	74	89	NE	8	—	1	6	10	0.10	1.1	52	Cloudy. 11 h.—14 h.	
13	29.91	29.98	67.3	58.2	76.7	50.4	5.2	0.3	48.2	47.7	72	98	NNE	4	—	0	6	2	—	8.8	51	Cloudy.	
14	30.05	30.03	64.8	53.6	75.4	52.2	4.3	1.4	46.6	37.2	77	90	NE	6	—	0	8	1	—	8.7	49	Fine and bright.	
15	30.01	30.00	66.8	52.6	70.7	50.7	3.4	1.7	53.2	35.0	81	88	—	3	—	0	1	0	—	11.3	44	Fine and bright.	
16	29.97	29.97	67.3	59.0	71.7	45.1	6.2	2.0	45.2	43.6	68	88	—	3	—	2	0	1	—	11.2	40	Fine and bright.	
17	91	87	68.3	65.5	78.3	47.0	5.1	4.4	50.3	47.4	72	76	—	0	SW	6	3	4	—	7.7	43	Fine, but cloudy.	
18	87	83	58.8	52.6	70.6	52.2	3.4	0.8	39.4	37.5	79	95	NW	4	—	0	10	0	—	7.1	57	Fine, but cloudy.	
19	74	65	62.1	58.3	66.2	48.7	4.6	1.0	41.2	45.5	74	93	—	2	—	1	8	10	0.10	1.9	43	Cloudy to overcast.	
20	58	51	64.9	54.0	68.9	53.5	5.2	1.0	44.0	38.8	72	93	—	1	—	0	8	5	—	6.1	55	Cloudy.	
21	49	58	60.7	57.6	67.4	49.8	3.1	3.6	43.2	37.1	82	78	NNE	5	NNE	6	10	2	—	0.6	55	Overcast.	
22	66	72	59.6	57.0	67.0	49.8	2.9	2.6	42.0	38.8	82	83	NNW	4	—	0	10	10	—	5.5	43	Fine, but cloudy.	
23	73	63	61.4	58.3	64.0	51.6	5.1	4.0	38.7	37.1	72	76	E	4	—	1	6	3	2.00	5.9	44	Cloudy.	
24	35	47	58.8	56.7	68.9	53.4	0.8	3.0	47.0	37.3	95	81	SSW	8	SW	6	9	2	0.65	5.1	51	Cloudy.	
25	56	69	62.3	57.0	66.8	53.0	5.5	2.6	39.1	38.8	70	83	WSW	9	W	5	7	1	0.38	9.8	49	Cloudy.	
26	67	67	63.4	59.8	68.9	54.1	4.6	1.9	43.3	45.4	74	84	SW	8	W	4	10	5	0.35	1.0	49	Cloudy.	
27	67	63	61.2	59.4	63.4	48.4	3.8	2.7	42.0	42.2	78	84	SW	3	SW	9	8	10	0.20	10.7	48	Cloudy.	
28	63	61	63.8	56.1	70.4	50.8	6.7	3.1	38.1	36.4	65	80	SW	10	SW	6	6	1	0.26	8.7	41	Cloudy.	
29	29.73	29.91	60.9	52.1	66.2	51.9	5.2	1.3	37.7	35.5	71	91	WSW	13	—	0	7	2	0.20	10.7	48	Cloudy.	
30	30.04	30.06	58.0	50.4	67.1	47.7	2.9	1.6	39.6	32.5	82	90	W	4	—	1	7	2	0.05	7.0	42	Cloudy.	
31	29.93	29.79	59.1	64.6	45.0	—	4.3	3.75	37.4	72	74	SW	12	SW	16	10	4	—	0.3	4.1	—	Dull. Clear n.	
M.	29.773	29.779	62.8	57.4	69.1	51.1	3.9	2.1	44.6	41.3	78	87	—	6	—	—	—	—	—	1.253	1.92	47.4	—

LIMERICK (MUNGRET COLLEGE).†—AUGUST 1911.

Heights above Mean Sea Level:—Station, H=47 ft.; Barometer, $H_b=50$ ft. Heights above Ground:—Therms., $h_t=4$ ft.; Rain-gauge, $h_r=1$ ft.
Long. 8° 41' W. Lat. 52° 38' N. Gravity Correction, +.020 in. Time, Dublin mean time.

1	29.62	29.86	66.3	59.1	70.3	57.4	4.7	2.2	48.0	43.2	74	86	S	5	Calm	0	6	4	0.45	10.9	51	T \odot 8 h.-9 h.
2	84	79	62.7	59.0	66.6	53.4	2.5	3.0	48.5	40.7	85	82	SE	5	S	3	9	6	0.38	2.2	43	
3	77	89	64.2	52.8	68.5	52.6	0.0	0.0	46.4	40.0	77	100	SW	4	Calm	0	7	0	0.20	9.1	53	
4	86	70	60.4	62.1	64.3	50.0	3.0	0.0	43.0	55.8	82	100	S	3	Calm	0	10	4	0.55	0.2	41	
5	61	68	60.8	52.9	67.8	53.1	3.2	1.2	43.1	36.7	82	92	W	3	Calm	0	9	8	0.20	6.6	44	
6	65	86	60.4	60.5	69.4	51.2	0.5	1.5	50.9	47.7	97	91	SW	6	SW	2	10	7	0.04	4.3	56	
7	92	96	68.2	63.0	71.9	57.3	5.6	3.2	48.6	46.8	70	81	S	3	S	4	7	5	—	10.7	51	
8	29.96	29.84	65.0	65.2	72.2	58.5	3.9	3.4	48.1	50.1	79	81	S	3	S	5	9	8	—	9.9	58	
9	30.03	30.12	62.4	56.1	65.3	55.7	4.6	1.2	41.6	41.5	74	91	W	2	Calm	0	9	1	—	1.9	44	
10	20	17	60.7	53.5	70.4	45.5	3.3	1.9	42.6	35.6	80	97	Calm	0	Calm	0	7	0	—	12.6	37	
11	30.10	30.02	62.3	60.0	73.0	41.5	4.3	1.2	42.3	47.9	75	93	NE	2	NE	2	0	0	0.70	10.2	33	
12	29.96	29.96	61.7	63.8	68.1	47.0	0.4	1.0	53.0	55.7	98	94	E	2	E	1	10	10	0.130	—	44	
13	30.01	30.04	68.7	67.9	79.5	54.3	3.7	0.9	55.6	64.6	79	95	Calm	0	Calm	0	0	0	—	8.4	44	
14	09	09	71.9	67.0	82.0	56.2	2.7	0.5	66.5	64.2	85	97	Calm	0	NW	1	0	6	—	12.4	48	
15	09	06	70.3	66.0	83.7	51.5	1.8	0.9	66.6	60.5	89	95	NW	1	Calm	0	0	0	—	12.9	40	
16	04	30.04	68.7	62.9	77.9	50.3	4.7	2.3	52.2	49.5	74	87	Calm	0	SW	1	2	1	—	9.3	41	
17	01	29.99	66.3	60.7	76.4	55.0	2.8	0.3	54.3	52.1	84	98	SW	4	E	2	9	10	0.15	6.4	58	
18	30.00	29.93	66.5	59.5	69.9	57.1	9.2	2.1	35.9	44.1	55	87	Calm	0	Calm	0	10	7	—	4.0	47	
19	29.83	29.75	61.8	54.0	65.0	52.5	1.3	1.4	50.7	37.7	92	90	Calm	0	Calm	0	10	9	—	0.8	44	
20	69	61	63.2	59.4	68.7	50.4	1.4	1.1	53.0	47.1	92	94	Calm	0	Calm	0	10	1	—	1.0	47	
21	62	73	63.3	58.5	72.2	50.0	5.8	3.2	39.8	39.4	69	80	N	2	N	3	6	1	0.113	4.1	41	
22	80	85	64.0	59.9	69.9	49.2	6.5	4.7	39.0	37.5	65	72	N	3	N	2	7	4	—	9.0	38	
23	83	68	60.2	58.5	69.6	45.5	3.4	3.2	41.5	39.4	80	80	Calm	0	SE	2	4	6	0.185	7.7	52	
24	46	60	63.3	57.2	65.0	56.5	4.5	1.9	43.4	41.2	74	88	S	4	SW	3	8	4	0.100	7.6	49	
25	70	83	61.8	55.9	67.7	52.6	4.6	4.5	40.7	32.8	74	72	SW	5	Calm	0	8	6	0.020	7.2	46	
26	73	79	62.3	51.4	66.8	50.3	1.7	0.2	50.3	37.5	90	98	S	5	Calm	0	10	3	0.040	0.6	48	
27	73	77	61.1	57.5	64.7	50.5	1.4	0.4	49.2	46.1	91	97	S	4	Calm	0	10	7	—	4.1	41	
28	70	29.73	63.8	54.9	67.5	48.1	1.6	1.2	53.5	39.7	90	93	S	5	S	3	7	2	0.135	8.2	40	
29	29.87	30.06	61.4	48.8	67.2	48.1	1.1	0.2	50.7	34.1	94	98	SW	5	Calm	0	8	0	—	10.3	41	
30	30.15	30.17	60.2	51.8	66.0	42.3	0.6	0.8	50.2	36.4	97	94	Calm	0	Calm	0	7	2	0.025	10.2	34	
31	30.02	29.94	60.3	57.8	67.1	46.6	2.8	2.3	43.4	41.0	83	85	S	4	S	4	10	3	—	2.8	38	
M.	29.866	29.886	63.7	58.6	70.1	51.4	3.3	1.7	48.2	44.7	82	90		2.6	1.2	7.1	4.0	1.444	209	44.9		

FORT WILLIAM, INVERNESS-SHIRE, a.—SEPTEMBER 1911.

Heights above Mean Sea Level:—Station, H=171 ft.; Barometer, H_b=49.8 ft. Heights above Ground:—Therms., h_t=4 ft.; Rain-gauge, h_r=1 ft.
Long. 5° 7' W. Lat. 56° 49' N. Gravity Correction, +.031 in. Time, Greenwich mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.			
							Dep. of Wet.		Vapour Pressure.										Percentage.		
							9 h.	21 h.	9 h.	21 h.									9 h.	21 h.	9 h.
1	ins.	ins.	56.0	56.8	59.0	54.4	1.2	0.8	in.	in.	%	%	SW	5	W	4	100	ins.	hrs.	°	●=0 all day.
2	29.79	29.76	56.0	55.8	55.1	50.4	1.0	4.1	413	437	92	94	SW	3	W	3	100	1.2	—	—	Fair to fine and sunny.
3	29.91	30.01	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
4	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
5	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
6	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
7	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
8	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
9	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
10	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
11	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
12	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
13	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
14	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
15	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
16	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
17	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
18	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
19	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
20	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
21	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
22	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
23	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
24	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
25	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
26	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
27	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
28	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
29	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
30	30.11	30.22	54.0	49.7	64.0	48.9	2.1	2.0	357	307	85	87	SW	3	S	2	7	—	—	—	Generally fair to fine and sunny.
M.	29.912	29.920	52.7	51.2	58.7	46.5	2.2	2.5	344	319	85	83	2.4	2.4	8.2	6.4	6.75	—	—	—	

DUNDEE, FORFARSHIRE, c.d.—SEPTEMBER 1911.

Heights above Mean Sea Level:—Station, H=160 ft.; Barometer, H_b=164 ft. Heights above Ground:—Therms., h_t=3.8 ft.; Rain-gauge, h_r=1 ft.
Long. 2° 56' W. Lat. 56° 28' N. Gravity Correction, +.030 in. Time, Greenwich mean time.

1	29.72	29.67	59.5	57.7	61.0	55.0	2.7	2.5	424	403	84	84	SW	1	W	1	10	0	—	—	Cloudy till 16 h. ● 14 h. 30 m.	
2	29.80	29.88	63.0	55.5	70.0	55.2	5.0	4.3	414	326	72	73	SW	1	SW	1	5	0	—	—	Cloud and sunshine till 11 h.	
3	29.97	30.08	58.5	54.3	65.7	50.5	5.0	6.1	349	269	71	64	SW	1	SW	1	5	0	—	—	Fine.	
4	30.08	29.94	56.3	56.3	60.9	42.0	4.6	3.8	329	349	72	76	SW	1	SW	1	5	0	—	—	Cloud and sunshine till 10 h.	
5	29.85	29.92	59.8	59.6	64.6	53.5	4.2	2.3	387	437	76	86	SW	5	SW	8	10	10	—	—	Dull and cloudy. from 19 h.	
6	29.91	29.98	62.0	55.9	70.9	53.5	5.0	2.6	399	374	72	84	SW	3	SW	3	10	0	—	—	Fine.	
7	29.92	29.96	61.2	57.5	68.8	53.5	3.6	3.5	425	372	79	78	W	1	W	1	5	0	—	—	Fine.	
8	29.99	30.01	61.5	46.8	65.3	46.2	4.2	0.6	413	306	76	95	W	1	NW	1	5	0	—	—	Cloud and sunshine. ● 12 h.	
9	29.95	29.97	50.9	49.5	61.0	38.6	2.4	1.6	313	314	85	89	SW	1	E	1	5	5	30	—	Cloud and sunshine till 18 h.	
10	29.84	29.84	54.5	54.0	65.0	42.7	3.8	0.8	323	394	76	94	S	1	SW	1	5	10=0	—	—	Cloud and sunshine till 18 h.	
11	29.82	29.81	57.7	56.5	67.2	49.6	1.2	3.0	441	371	93	81	SW	1	W	1	10=0	5	—	—	Fine. (then —)	
12	29.82	29.82	55.0	52.5	58.3	52.0	1.0	0.7	403	376	93	95	SE	1	S	1	10	5	—	—	● 17 h. 30 m.—18 h. 30 m.	
13	29.79	29.88	53.0	52.9	61.0	44.0	3.0	3.4	322	313	80	78	W	1	W	1	5	10	03	—	Dull. ● 11 h.—12 h. 30 m.	
14	29.97	30.04	52.0	47.5	58.5	42.0	4.5	2.5	277	269	72	82	NW	1	N	1	5	10	—	—	Fine till 14 h., then dull.	
15	30.15	30.21	48.5	44.0	54.5	39.6	4.7	3.5	235	215	69	74	NE	1	N	1	5	0	—	—	Mostly fine till 18 h., then dull.	
16	29.18	29.09	39.5	46.7	57.0	38.9	4.8	1.7	156	279	65	88	N	1	SW	1	5	0	—	—	Cloud and sunshine till 15 h.	
17	29.08	29.05	50.5	56.2	67.4	40.0	2.3	1.7	309	402	84	89	NW	1	SW	1	5	0	—	—	Cloudy 12 h.—16 h. (then fine.)	
18	29.94	29.81	59.9	53.8	69.5	53.5	2.9	2.8	424	337	83	81	SW	5	SW	5	10	0	—	—	Fine.	
19	29.62	29.61	54.6	54.5	62.2	51.0	2.1	2.9	367	345	87	81	SW	5	SW	5	10	0	—	—	Dull till 11 h., then fine.	
20	29.08	29.12	54.0	43.7	61.2	43.5	1.0	1.0	388	262	93	92	SW	1	NW	1	5	0	—	—	Dull and cloudy.	
21	29.23	29.44	45.3	44.6	61.0	37.5	2.0	2.1	257	248	85	84	W	1	W	1	5=0	0	—	—	● 17 h. 30 m. Fine from 12 h.	
22	29.57	29.57	45.5	50.0	59.7	35.4	1.6	2.0	268	309	88	86	SW	1	W	1	10	0	02	—	● 14 h.—14 h. 30 m.	
23	29.44	29.42	53.2	54.5	50.0	49.2	4.0	1.0	302	396	74	94	SE	3	SW	1	10	0	—	—	Cloudy till 11 h., then fine.	
24	29.53	29.71	50.5	49.5	62.7	46.4	1.0	2.0	342	304	93	87	SW	1	SW	1	5	10	11	—	Dull and cloudy. ● 12 h.—14 h.	
25	29.60	29.62	48.0	51.5	60.0	40.4	0.8	1.3	314	346	94	90	S	1	SW	1	5	0	—	—	Fine.	
26	29.62	29.61	52.9	56.2	61.6	46.2	3.0	2.7	323	375	80	83	SW	5	SW	8	5	100=0	01	—	Dull and cloudy. ● 21 h. (then —)	
27	29.67	29.72	54.4	45.9	57.2	45.0	4.4	2.9	307	245	72	80	SW	5	W	4	5	0	—	—	Cloud and sunshine till 17 h.	
28	29.74	29.79	46.2	43.9	54.2	39.3	3.2	3.2	242	219	78	76	SW	5	W	5	5	0	—	—	Cloud and sunshine till 12 h.	
29	29.87	29.80	46.9	45.4	55.2	37.6	4.4	3.4	225	230	71	76	NW	5	W	1	5	0	—	—	Fine. (then dull.)	
30	29.78	29.70	44.0	40.5	49.6	36.8	2.5	1.5	234	220	81	88	NE	5	N	3	5	10	14	—	Fine till 17 h., then dull.	
																			01	—	Cloud and sunshine till 16 h. (then dull.)	
M.	29.785	29.797	53.3	51.2	61.8	45.4	3.2	2.4	330	327	80	84		2.2		2.0	6.5	4.5	0.91	—	—	

DOUGLAS, ISLE OF MAN, a.—SEPTEMBER 1911.

Heights above Mean Sea Level :—Station, H = 277 ft. ; Barometer, H_b = 284 ft. Heights above Ground :—Therms., h_t = 4 ft. Rain-gauge, h_r = 10 ins.
Long. 4° 28' W. Lat. 54° 10' N. Gravity Correction, +.024 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.					
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.					9 h.	21 h.			
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.									9 h.	21 h.	
1	29.70	ins.	58.0	58.2	60.0	56.5	1.8	0.2	.427	.479	88	99	WSW	6	SW	2	9	8	ins.	hrs.	°		
2	29.75	29.85	58.1	58.4	60.3	55.7	3.4	2.4	.438	.385	80	85	W	3	W	2	6	2	—	8.4	55	Squally till 19 h.	
3	29.97	30.02	57.8	58.0	65.0	51.9	3.5	0.7	.377	.369	79	95	W	3	NNW	1	2	4	10.8	49	□ a. Very fine.		
4	29.87	29.87	58.1	58.4	62.6	50.0	3.1	2.9	.392	.319	80	81	ESE	3	NW	1	9	0	—	3.7	46	□ a. T at intervals.	
5	29.92	29.96	58.1	58.3	66.6	51.0	1.5	0.5	.463	.439	90	97	W	3	NNW	1	2	3	10.7	47	□ a. Very fine.		
6	29.93	29.90	59.0	59.0	65.0	51.9	2.5	0.2	.422	.383	85	99	WNW	3	NW	1	3	0	9.0	49	□ a. Very fine.		
7	29.85	29.83	58.0	58.0	68.5	51.1	1.0	1.6	.485	.396	94	89	SSE	2	N	1	9	0	—	9.5	47	□ a. Very fine.	
8	29.72	29.72	58.4	58.0	69.0	52.7	4.1	1.0	.463	.419	77	93	ENE	2	NNE	2	0	3	11.7	48	□ a. Very fine.		
9	29.78	29.79	58.1	58.8	62.0	52.8	2.8	2.1	.400	.431	82	87	E	3	SE	3	7	9	—	7.8	49	Gloomy from 16 h.	
10	29.80	29.79	57.5	59.1	64.0	55.0	1.7	2.4	.422	.426	89	85	SE	3	ENE	1	9	2	10.2	6.2	54	Very fine from 10 h. 30 m.	
11	29.65	29.71	61.0	60.6	56.5	56.0	2.0	2.8	.470	.376	88	82	S	1	NNW	3	10	8	10.20	3.7	52	T ^o showers a. Gloomy.	
12	29.69	29.66	53.7	53.7	57.0	52.9	0.2	2.9	.408	.334	99	81	NNW	2	NNW	3	10	10	10.00	—	52	Dull, with ^o till 19 h.	
13	29.73	29.82	55.6	53.1	58.3	50.0	4.2	3.2	.330	.319	74	78	NW	4	NNW	3	7	6	10.06	7.3	47	Cloudy and squally.	
14	29.87	29.92	54.0	51.9	59.0	47.8	4.0	3.2	.310	.306	74	79	N	2	NNW	3	7	6	10.00	44	44	Fine. Squally till 17 h.	
15	30.00	30.08	51.9	48.7	55.0	47.8	5.3	4.1	.260	.249	68	73	NNE	3	N	2	4	6	—	7.5	45	Fine. Squally at intervals.	
16	30.06	30.02	53.0	51.0	56.7	44.2	4.7	4.1	.284	.274	71	73	NNW	3	NNE	1	8	8	—	3.6	40	Dull till 15 h., then fine.	
17	30.04	30.04	54.0	53.2	58.2	48.9	4.8	1.1	.292	.374	70	93	NNW	2	W	1	10	4	10	—	2.1	43	Dull till 14 h. ^{< p.}
18	30.00	29.83	57.0	54.8	61.7	51.3	3.0	3.5	.377	.335	81	78	W	3	W	4	9	8	—	3.6	47	Dull till 12 h., and after 16 h.	
19	29.62	29.57	55.3	55.8	60.3	52.7	3.3	0.5	.374	.431	79	96	SW	4	WSW	1	8	9	1.48	2.9	51	□ 15 h.-19 h.	
20	29.70	29.73	53.9	47.0	58.1	46.4	3.9	3.0	.311	.253	75	79	WNW	3	NNW	1	3	8	—	7.2	50	Fine. T < 20 h.	
21	29.76	29.83	49.8	49.1	56.0	42.0	2.8	4.1	.288	.254	81	72	W	1	NNW	2	3	1	—	7.1	38	Fine. Dull intervals.	
22	29.45	29.43	52.7	54.0	55.5	45.0	3.2	3.9	.315	.312	79	75	SW	1	S	6	9	10	2.19	0.5	39	c. Dull and gloomy.	
23	29.33	29.34	55.2	53.1	58.9	52.5	0.2	2.7	.430	.331	99	81	S	4	W	3	10	2	2.83	—	50	□ till 18 h. 20 m.	
24	29.49	29.54	56.0	51.2	59.9	49.8	3.0	1.2	.365	.345	81	92	W	3	NNW	1	4	1	—	9.9	45	Fine.	
25	29.68	29.50	54.5	54.7	58.5	48.9	2.0	0.8	.368	.406	87	95	SSW	1	ESE	1	10	7	1.81	1.7	45	□ a. 12 h. 40 m.-19 h. 30 m.	
26	29.69	29.72	56.6	55.3	59.4	49.2	4.3	1.3	.340	.399	74	91	SW	5	WSW	4	2	1	0.31	8.4	46	Fine till noon, then □ till 17 h.	
27	29.71	29.73	56.4	49.5	57.0	48.7	1.9	2.8	.399	.285	88	81	W	5	WNW	2	6	4	2.19	0.6	52	□ early a. and 12 h.-17 h.	
28	29.82	29.85	49.9	47.9	54.6	44.2	3.6	3.6	.273	.251	76	76	W	3	W	5	9	1	0.39	3.0	41	▲ 2 h. □ showers p.	
29	29.90	29.66	47.9	50.3	52.3	44.9	2.8	0.1	.266	.363	81	99	NW	4	SSW	4	2	9	3.03	4.9	43	Fine a. □ showers in evening	
30	29.64	29.95	44.9	46.0	55.0	41.5	3.7	2.5	.219	.255	73	83	N	9	N	1	4	2	0.48	9.9	40	Squally. 20 h.	
M.	29.729	29.728	55.6	53.1	60.3	49.8	2.9	2.2	.365	.350	81	86	3.1	2.1	6.4	4.9	1.977	1.83	47.0				

STONYHURST, LANCASHIRE, a.—SEPTEMBER 1911.

Heights above Mean Sea Level :—Station, H = 375 ft. ; Barometer, H_b = 363 ft. Heights above Ground :—Therms., h_t = 7 ft. Rain-gauge, h_r = 2 ft. 6 in.
Long. 2° 28' W. Lat. 53° 51' N. Gravity Correction, + 0.023 in. Time, Local mean time.

1	29°66'	29°63'	64°0'	57°2'	70°0'	54°5'	6°0'	3°2'	4°03'	3°75'	67	80	SW	11	—	1	6	0	—	11°5'	51	Fine, bright and sunny.	
2	'68	'77	63°7'	57°0'	69°5'	53°5'	4°9'	2°4'	4°39'	3°94'	73	85	—	2	—	2	5	0	—	'88	47	Fine and sunny.	
3	'89	'97	62°5'	53°0'	64°0'	49°5'	6°0'	3°0'	3°80'	3°22'	68	80	W	5	—	0	2	0	'045	11°1'	45	Sunny all day.	
4	'90	'78	52°0'	57°3'	60°4'	43°3'	2°6'	2°3'	3°20'	4°01'	82	85	—	4	—	1	100	100	'130	—	40	Distant Te ⁰ a.	
5	'84	'88	60°7'	57°2'	65°0'	46°3'	2°9'	2°2'	4°38'	4°03'	83	86	SW	5	—	2	5	6	—	'81	45	● 14 h.-15 h.	
6	'86	'84	61°0'	55°0'	66°0'	45°0'	2°0'	2°0'	4°70'	3°75'	88	87	SW	5	—	2	10	0	'007	'89	50	≡ ⁰ till 10 h.	
7	'79	'74	56°0'	57°0'	73°0'	49°5'	1°5'	3°0'	4°05'	3°77	90	81	—	3	—	2	0	0	—	'94	46	Fine and sunny.	
8	'64	'64	62°0'	57°0'	76°8	49°3'	5°0'	3°0'	3°99'	3°49	72	81	NNE	4	NE	7	0	0	—	'97	43	Fine. Distant T 16 h.	
9	'71	'75	56°0'	54°8'	63°2'	52°3'	5°5'	5°6'	3°99'	2°86	73	67	ENE	5	ENE	6	10	0	—	'42	48	Dull a. Fine p.	
10	'78	'67	59°0'	62°0'	70°2'	48°1'	5°0'	6°0'	3°54'	3°72	71	67	SE	6	—	2	0	0	—	'390	106	43 Sunny and warm.	
11	'58	'61	56°0'	58°3'	68°0'	54°0'	2°0'	2°7'	3°91	4°06	87	83	NNE	4	—	1	100	5	'090	'20	49	17 8 h. 30 m.-9 h. 30 m.	
12	'59	'52	59°5'	60°0'	61°0'	53°5'	2°3'	1°0'	4°35'	4°85	86	94	—	0	—	0	100	100	'340	—	52	● all day from 10 h.	
13	'60	'69	57°2'	55°0'	60°5'	51°7'	6°0'	4°0'	3°07	3°25	85	75	—	2	—	2	4	100	—	'50	50	Fine and warm. @ 11 h.	
14	'75	'82	52°0'	49°0'	59°0'	42°2'	4°0'	3°0'	2°87	2°76	74	79	—	1	—	2	5	0	'007	'41	38	Fine, with sunny intervals.	
15	'89	'96	53°0'	50°4'	54°8'	42°4'	5°5'	4°8'	2°67	2°53	67	70	N	8	NNE	4	7	10	—	'51	39	Fine all day.	
16	'99	'94	52°5'	47°6'	58°3'	45°9'	6°2'	1°3'	2°48	2°98	63	91	—	2	—	1	6	0	—	'86	45	Fine.	
17	'94	'96	49°3'	51°5'	56°7'	39°6'	3°3'	2°8'	2°73	3°10	74	81	—	1	—	2	9	0	—	'07	38	Fair, but cloudy.	
18	'92	'77	58°0'	55°0'	60°0'	50°7'	3°1'	3°6'	3°90	3°35	81	77	WSW	10	SW	6	9	10	—	'29	46	Fine, with sunny intervals.	
19	29°57'	29°23'	57°3'	50°0'	61°8'	51°5'	4°3'	2°5'	3°48	3°78	74	84	SW	6	S	12	10	100	'540	'15	48	● from 21 h.	
20	28°94'	28°96'	57°0'	48°0'	58°0'	46°0'	2°0'	1°7'	4°05	2°92	87	88	—	12	—	2	100	3	'270	'32	43	● a. T 18 h. < 20 h.	
21	29°04'	29°24'	52°3'	45°2'	56°2'	41°6'	3°1'	2°4'	3°12	2°47	79	83	—	2	—	1	7	0	—	'73	38	Fine. T 15 h.-16 h.	
22	'41	'41	46°0'	49°0'	57°5'	36°3'	3°0'	3°4'	2°44	2°68	79	77	—	2	—	1	8	0	—	'35	34	Sunny through mist.	
23	'32	'27	55°5'	57°0'	58°0'	47°5'	4°4'	1°6'	3°22	4°17	73	89	SSE	21	S	12	10	10	'110	—	41	● showers. ● n.	
24	'41	'58	57°5'	50°0'	60°0'	48°1'	3°5'	2°0'	3°72	3°09	78	86	SW	7	—	1	6	0	'090	'73	43	Fine and clear.	
25	'04	'39	53°0'	55°0'	60°0'	46°4'	2°0'	2°3'	3°47	3°67	86	85	—	1	ESE	4	9	100	'740	'10	42	● 14 h.-22 h.	
26	'62	'68	55°4'	53°5'	59°8'	51°5'	3°4'	3°8'	3°45	3°04	79	75	WSW	7	SW	4	7	0	—	'60	49	Fine, with sunny intervals.	
27	'66	'65	58°0'	51°0'	59°6'	49°5'	2°0'	1°6'	4°21	3°33	87	89	SW	12	SW	5	10	100	'750	—	47	Fine. a. ● noon-mid.	
28	'73	'75	51°6'	46°0'	53°4'	44°4'	5°6'	3°0'	2°50	2°44	66	79	W	10	SW	4	8	2	'200	'33	42	Fine a. ● 15 h.-16 h.	
29	'80	'68	47°0'	46°0'	51°5'	43°5'	3°0'	2°0'	2°53	2°65	79	86	W	12	SW	4	7	100	'500	'24	39	● showers. Sunny intervals.	
30	29°42'	29°81'	45°5'	44°0'	54°0'	42°5'	4°5'	5°0'	2°10	1°88	69	65	NNW	19	N	10	6	0	—	'85	41	Sunny, but with cold wind.	
M.	29°651	29°652	55°7	53°1	61°6	47°7	3°8	2°9	3°45	3°32	77	81	—	6	—	3	6°9	3°9	5°106	155	44°1		

* Miles per hour.

† Beaufort Scale (0—12).

SHREWSBURY, SHROPSHIRE.—SEPTEMBER 1911.

SHREWSBURY, SHROPSHIRE.—SEPTEMBER 1911.
 Heights above Mean Sea Level:—Station, $H = 190$ ft.; Barometer, $H_b = 312$ ft. Heights above Ground:—Therms., $h_t = 4$ ft.; Rain-gauge, $h_r = 1$ ft.
 Long. $2^\circ 45'$ W. Lat. $52^\circ 43'$ N. Gravity Correction, $+0.19$ in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.						Wind Direction and Force (0-12) or Velocity (miles per hour).				Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.		21 h.		9 h.	21 h.				
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.										
1	ins.	ins.	66°0	61°0	76°2	46°4	4°8	2°4	in.	in.	%	%	†	†	1	3	0	ins.	hrs.		Fine and bright.	
2	29°87	29°81	66°0	61°0	76°2	46°4	4°8	2°4	47°0	45°8	74	86	SW	2	SW	1	3	—	—	52	Fine.	
3	30°07	29°97	67°0	59°4	78°6	45°2	5°2	0°4	47°7	49°4	72	98	SW	1	W	1	4	—	—	48	Fine and bright.	
4	30°10	30°10	63°0	52°2	74°8	51°8	4°1	0°2	44°0	38°5	77	99	NW	1	S	1	5	—	—	48	● 8 h.-9 h. 30 m.	
5	30°01	29°92	51°0	64°2	74°6	41°8	0°2	0°8	36°9	57°1	99	95	NW	2	S	1	8	—	—	46	Fine.	
6	30°06	30°00	62°2	58°0	79°0	47°8	4°8	0°0	40°8	48°2	73	100	SW	1	NW	1	2	—	—	44	Fine.	
7	30°04	29°95	60°0	59°0	84°2	45°2	5°8	1°8	46°3	44°2	69	89	W	1	W	1	0	—	—	44	Fine.	
8	79	73	62°0	59°0	87°4	48°8	2°2	5°4	44°7	40°3	87	70	W	1	W	1	0	—	—	48	Fine.	
9	82	78	58°0	56°0	89°0	45°0	5°4	2°0	38°8	43°6	70	88	W	1	W	1	0	—	—	44	Beautiful day.	
10	90	81	63°0	62°8	87°4	48°8	2°2	5°4	44°7	40°3	87	70	W	1	W	1	0	—	—	52	Fine.	
11	77	73	62°0	59°0	89°0	45°0	5°4	2°0	38°8	43°6	70	88	W	1	W	1	0	—	—	44	Beautiful day.	
12	75	71	60°0	58°0	86°0	46°0	4°0	0°8	50°4	45°4	100	94	S	2	NE	2	10	—	—	52	Fine.	
13	77	73	62°0	59°0	89°0	45°0	5°4	2°0	38°8	43°6	70	88	W	1	W	1	0	—	—	44	Beautiful day.	
14	75	71	60°0	58°0	86°0	46°0	4°0	0°8	50°4	45°4	100	94	S	2	NE	2	10	—	—	52	Fine.	
15	29°91	29°94	55°5	52°5	61°7	50°2	3°7	1°7	34°0	32°6	77	88	NW	2	SW	3	10	—	—	51	● 12 5 h. 15 m.	
16	30°02	30°10	47°2	46°8	61°2	37°0	1°2	2°6	29°5	25°9	92	81	NW	1	NW	1	7	—	—	52	Dull, with ●.	
17	14	10	54°0	45°4	61°2	35°8	7°8	1°2	23°4	27°6	56	92	NW	1	NW	1	10	—	—	54	Dull.	
18	13	10	54°0	45°4	61°2	35°8	7°8	1°2	23°4	27°6	56	92	NW	1	NW	1	10	—	—	36	Dull a. Bright afternoon.	
19	29°97	29°97	58°2	51°8	62°2	42°2	4°4	3°2	36°0	30°4	74	79	W	2	W	2	4	—	—	36	≡ till 9 h., then fine.	
20	21	17	56°0	50°2	62°6	44°2	4°6	2°0	36°2	31°5	73	87	SW	1	SW	3	5	—	—	36	Fine and bright.	
21	24	20	54°0	50°2	64°8	48°8	0°2	2°2	44°9	30°7	98	85	SSW	3	SW	2	8	—	—	36	Dull and overcast.	
22	24	20	54°0	50°2	64°8	48°8	0°2	2°2	44°9	30°7	98	85	SSW	3	SW	2	8	—	—	36	Fine.	
23	51	45	57°0	59°0	60°5	42°8	2°2	1°2	39°9	46°1	86	93	S	3	S	3	6	—	—	38	Bright. [17 h. (
24	53	47	56°0	59°0	60°5	42°8	2°2	1°2	39°9	46°1	86	93	S	3	S	3	6	—	—	38	Bright. ● 14 h.	
25	51	45	57°0	59°0	60°5	42°8	2°2	1°2	39°9	46°1	86	93	S	3	S	3	6	—	—	38	Bright.	
26	53	47	56°0	59°0	60°5	42°8	2°2	1°2	39°9	46°1	86	93	S	3	S	3	6	—	—	38	Bright.	
27	82	76	56°8	50°6	69°4	48°5	3°3	1°6	36°7	32°7	79	89	W	3	SW	1	3	—	—	42	Fine a. ● p.	
28	81	75	55°8	50°1	60°6	45°8	3°0	1°1	35°2	48°3	81	93	W	2	S	3	8	—	—	45	Fine and bright.	
29	90	86	63°0	53°6	65°6	52°0	4°8	1°4	39°3	35°5	81	90	W	1	SW	1	8	—	—	39	Dull a.	
30	29°95	29°95	47°8	45°2	55°8	44°8	3°8	3°2	24°5	23°1	74	77	NW	4	NW	4	5	—	—	48	Dull a. Fine p.	
M.	29°832	29°819	57°5	54°3	67°5	46°2	3°9	2°1	36°9	37°2	77	87	r°8	1°6	5°4	3°4	1°732	—	44°4	—	49	Bright a. ● at times p.
																					43	Dull a., then fine.
																					36	Bright a. ● from 19 h.
																					46	Fine, bright and windy.

CAMBRIDGE, a.—SEPTEMBER 1911.

Heights above Mean Sea Level:—Station, H = 42 ft.; Barometer, H_b = 43 ft. Heights above Ground:—Therms., h_t = 4 ft.; Rain-gauge, h_r = 1 ft.
Long. 0° 8' E. Lat. 52° 12' N. Gravity Correction, +.019 in. Time, Local mean time.

2	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
3	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
4	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
5	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
6	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
7	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
8	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
9	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
10	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
11	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
12	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
13	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
14	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
15	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
16	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
17	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
18	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
19	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
20	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
21	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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24	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
25	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
26	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
27	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
28	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
29	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
30	30°03'	64°7'	60°0'	78°2'	50°0'	6°8'	6°0'	393	344	64	66	WSW	2-3	Calm	0	0	0	0	—	12°2	42	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
M.	29°59'	60°7'	55°0'	71°4'	46°9'	4°9'	2°7'	389	365	73	84	2°0'	1°1'	4°7'	2°9'	1°25'	220	40°3'	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

† Beaufort Scale (0—12).

SOUTHAMPTON, HAMPSHIRE, a.—SEPTEMBER 1911.

Heights above Mean Sea Level:—Station, H = 64 ft. ; Barometer, H_b = 84 ft. Heights above Ground:—Therms., h_t = 4.5 ft. Rain-gauge, h_r = 1 ft.
Long. 1° 24' W. Lat. 50° 55' N. Gravity Correction, +.016 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.					
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.	9 h.	21 h.	9 h.		21 h.				
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.											
1	ins.	ins.	66.4	63.5	76.1	46.8	5.7	2.9	in.	in.	%	%	SW	†	SW	†	0.00	0.00	ins.	hrs.	°		
2	30.11	30.03	66.4	63.5	76.1	46.8	5.7	2.9	45.1	48.6	70	83	SW	1	SW	1	0.00	0.00	—	11.8	37	Very fine and warm.	
3	'17	'08	67.4	64.1	81.9	56.5	8.2	1.5	52.8	54.4	62	91	SW	2	SW	2	0.00	0	—	11.8	47	Very fine and warm.	
4	'19	'08	67.0	65.8	76.5	57.8	7.5	3.9	42.4	49.2	62	79	NE	1	SE	1	9	0	—	6.6	51	Fine, but cloudy.	
5	'14	'17	69.0	63.4	82.0	58.4	7.4	3.8	41.3	49.5	62	84	SE	1	SE	1	8	0	0.00	2.1	51	showers a. Fine p.	
6	'20	'15	70.5	63.3	83.3	51.7	7.4	2.8	47.2	48.6	63	83	NE	1	NW	1	0.00	0.00	—	10.2	47	a. Very fine and warm.	
7	30.12	30.03	70.4	66.5	84.6	51.7	7.7	6.4	46.3	43.2	62	67	NW	1	SE	1	0.00	0.00	—	11.5	41	Very fine and warm.	
8	29.96	29.84	75.4	66.0	85.0	52.8	8.4	2.4	53.6	55.0	61	86	SE	1	SE	1	0.00	0.00	—	10.8	44	Very fine and warm.	
9	29.86	30.00	65.3	60.0	72.0	56.0	3.3	2.2	50.6	44.7	81	87	NE	4	NE	1	8	0.00	—	6.5	47	Very fine and warm.	
10	30.05	29.96	65.6	65.2	72.4	51.3	7.0	9.8	40.0	32.7	64	52	SE	4	SE	4	0.00	0.00	—	11.0	47	Very fine and breezy.	
11	29.91	'91	71.5	63.2	76.6	62.8	9.6	1.8	42.8	51.7	56	89	SE	3	SW	1	1	0.00	—	9.8	58	Very fine and warm.	
12	'84	'78	73.2	68.4	75.9	59.8	11.4	3.3	40.9	56.6	49	82	SE	2	SE	1	2.00	1.00	—	3.7	53	Very fine generally.	
13	29.91	29.97	61.0	54.5	68.7	54.4	3.0	0.9	34.9	39.9	82	94	NW	1	NE	1	10	1.00	—	300	0.2	60	Fine a. ● p.
14	30.02	30.03	57.5	53.8	64.3	51.0	3.7	4.1	39.7	30.6	78	74	NW	1	NE	3	8	0	—	10.9	41	Fine.	
15	'09	'17	56.5	51.6	62.0	46.2	5.8	3.1	30.4	30.4	67	79	NE	3	NE	3	0.00	0	—	11.1	40	Fine.	
16	'22	'20	56.7	51.8	64.5	44.4	5.7	4.9	30.8	26.7	66	70	NE	3	NE	3	0	0	—	10.9	41	Fine.	
17	'26	'29	57.0	51.2	64.7	41.9	5.5	3.1	31.6	29.9	68	80	NE	2	NE	2	4	0	—	9.4	32	Fine.	
18	'31	30.17	57.0	53.4	68.6	40.8	3.1	2.0	36.3	35.3	80	87	NW	1	SW	1	0.00	0.00	—	10.7	31	Fine.	
19	30.05	29.70	54.8	61.1	67.0	40.2	3.5	1.0	33.5	50.4	78	94	SW	1	SW	3	2.00	1.00	4.50	7.1	30	Fine a. ● p. ≡	
20	29.46	'37	62.0	52.8	64.5	51.9	3.1	1.2	43.5	36.6	82	91	SW	2	SW	2	3	0	0.42	1.6	57	showers a. ● 13 h.—13 h. 45 m.	
21	'38	'57	53.9	45.0	58.5	41.0	4.9	0.7	28.9	28.2	69	94	SW	2	NW	2	1	0.00	1.50	4.1	33	noon and 15 h.—15 h. 45 m.	
22	'75	'78	51.2	54.3	62.2	38.2	2.6	2.9	31.1	34.1	83	80	NW	1	NW	1	0.00	2.00	—	7.7	29	Fine.	
23	'75	'70	61.2	59.1	64.0	50.8	6.3	0.1	35.4	49.8	66	99	SW	4	SE	2	4	1.00	1.60	1.8	44	Fine to dull. ● from 15 h. 15 m.	
24	29.79	'95	58.8	56.2	67.2	53.6	3.7	1.6	38.6	40.5	78	90	NW	1	NW	1	2	3	—	8.1	46	Fine.	
25	30.04	29.91	59.2	63.2	66.2	45.5	4.1	1.2	38.1	53.7	76	93	NW	1	SW	6	0.00	6.00	0.70	7.4	35	Fine. ● showers 20 h.—midn.	
26	'06	30.12	60.5	55.4	69.6	51.4	3.1	1.5	42.8	39.6	81	90	NW	1	SW	1	0	0	—	10.3	39	Fine.	
27	'17	'09	64.0	59.6	68.6	50.8	6.4	1.1	39.2	47.6	65	93	SW	2	SW	1	1	1	0.80	6.8	39	Fine.	
28	'15	'17	56.9	52.4	61.4	52.3	3.8	3.4	35.5	30.6	77	98	NW	2	NW	2	3	3	—	12	50	early a. Fine.	
29	30.22	'17	53.0	52.0	60.0	41.9	4.7	3.7	28.4	29.4	71	76	NW	2	NW	2	1	10	1.40	7.7	32	Fine.	
30	29.68	30.01	59.0	47.4	60.7	47.3	3.8	4.3	38.5	23.1	77	72	NW	5	NW	6	8	0	—	7.1	48	Fine, but with cold, strong breeze.	
M.	29.995	29.985	62.5	58.3	70.0	50.1	5.6	2.9	39.9	41.0	70	83	1.9	1.9	2.5	1.9	1.396	226	43.3				

FALMOUTH, CORNWALL, a.e.—SEPTEMBER 1911.

Heights above Mean Sea Level :—Station, $H = 167$ ft. ; Barometer, $H_b = 183$ ft. Heights above Ground :—Therms., $h_t = 4$ ft. Rain-gauge, $h_r = 2\frac{1}{2}$ ft.
Long $5^\circ 4'$ W. Lat. $50^\circ 9'$ N. Gravity Correction, $+0.13$ in. Time, Greenwich mean time.

1	29'93	29'85	66'0	60'9	68'5	51'0	3'0	0'8	.492	.508	82	96	S	4	—	1	1	—	12'7	—	Fine and very bright.									
2	29'93	30'00	64'5	62'0	70'0	59'0	3'3	2'3	.529	.478	81	86	NW	5	N	5	6	5	—	11'3	—	Beautifully fine.								
3	30'06	30'07	63'0	63'9	68'0	59'5	2'7	3'5	.484	.475	84	79	N	4	—	3	7	5	—	5'8	—	Fine and bright.								
4	'03	29'08	67'0	65'4	70'0	63'3	4'8	2'3	.489	.542	74	87	NE	5	N	4	9	0	—	5'9	—	Close a. Fine and bright p.								
5	'06	30'09	65'8	60'8	73'5	59'2	5'1	1'5	.459	.483	73	91	N	9	N	7	0	0	'01	—	Brilliant and dry.									
6	30'08	30'04	64'4	64'8	71'6	57'0	5'4	9'4	.426	.331	70	54	—	2	—	2	0	0	—	12'2	—	Close a. Bright and cloudless.								
7	29'97	29'60	66'0	67'0	72'2	57'9	6'0	6'1	.434	.450	68	58	—	3	—	3	0	0	—	11'7	—	Bright and cloudless.								
8	'80	'77	68'5	62'4	73'9	60'0	2'6	1'4	.593	.514	85	92	SE	5	—	3	5	≡	—	8'2	—	≡° till noon. Bright p.								
9	'79	'83	64'9	63'0	68'7	60'0	2'9	2'0	.511	.506	83	88	—	2	—	2	0	0	—	8'9	—	Very fine and bright.								
10	'85	'79	63'3	62'8	65'5	62'0	2'8	1'6	.486	.516	83	90	E	11	SE	4	10	1	—	2'2	—	Overcast a. Bright afternoon.								
11	'78	'82	65'8	64'7	71'9	59'3	2'8	2'4	.532	.525	84	86	NW	5	N	4	10	100 ^a	—	'28	5'2	Fair, but close. ● at times.								
12	'71	'74	63'1	62'1	65'4	60'5	0'9	1'0	.545	.523	94	94	N	9	NW	5	10	10	'70	—	—	—	Dull and close. ● at times.							
13	'82	'92	56'0	55'9	60'5	55'2	1'0	3'7	.419	.340	93	77	N	11	N	7	10●	1	'04	4'4	—	—	—	—	● 4 h. 30 m. - 11 h. 30 m.					
14	29'97	29'97	57'0	55'0	60'9	49'0	4'9	4'0	.329	.325	91	75	NE	8	N	11	9	1	—	9'3	—	—	—	—	—	—	—	Cloudy early a. Bright p.		
15	30'02	30'07	55'4	54'0	60'2	51'0	6'7	6'2	.272	.263	62	63	NE	10	NE	9	0	0	—	8'8	—	—	—	—	—	—	—	Fine and bright. Cool wind.		
16	'14	'12	52'3	51'0	59'3	45'6	4'8	4'0	.274	.276	70	81	NE	10	N	4	2	0	—	10'9	—	—	—	—	—	—	—	Bright, cool and dry.		
17	'17	'23	54'0	51'7	61'0	48'4	5'0	2'8	.288	.313	69	74	—	2	—	2	1	0	—	9'2	—	—	—	—	—	—	—	Bright and dry.		
18	30'22	30'10	55'0	58'0	62'0	48'6	2'9	2'5	.352	.309	82	83	—	3	—	2	0	0	—	'05	9'3	—	—	—	—	—	—	Bright a. Cloud and sunshine.		
19	29'58	29'54	58'9	60'4	62'9	47'6	2'9	0'4	.408	.512	82	98	S	4	SW	10	10●	1	'40	0'6	—	—	—	—	—	—	—	—	● a. and n.	
20	'34	'30	58'7	49'0	62'2	47'2	1'7	1'7	.440	.305	89	88	WSW	7	W	6	7	10●	'45	4'9	—	—	—	—	—	—	—	—	● showers afternoon and evening.	
21	29	'54	51'0	53'0	55'0	45'0	2'9	3'1	.311	.320	81	79	NW	7	NW	14	9	0	'26	5'5	—	—	—	—	—	—	—	—	Squally, with ● showers.	
22	'69	'56	54'9	55'0	57'1	50'7	4'0	0'3	.313	.424	74	98	—	3	S	7	9	10●	'60	0'2	—	—	—	—	—	—	—	—	—	Dull a. ● p.
23	'56	'60	60'2	58'1	63'9	55'7	0'5	1'0	.518	.452	97	93	W	6	NW	8	7	0	'01	0'5	—	—	—	—	—	—	—	—	—	Overcast, with damp ≡°.
24	'75	'88	58'0	52'8	63'3	50'9	3'3	1'7	.385	.353	80	88	W	5	—	2	5	0	—	9'4	—	—	—	—	—	—	—	—	—	Bright and fresh.
25	'87	29'80	50'3	57'0	62'0	50'4	2'4	1'3	.429	.425	85	91	S	5	NW	7	7	0	'12	3'1	—	—	—	—	—	—	—	—	—	Bright early a. ● n.
26	29'99	30'04	58'0	55'5	63'4	52'3	3'8	0'5	.372	.426	77	96	W	5	WSW	4	1	9	—	5'3	—	—	—	—	—	—	—	—	—	Bright to cloudy.
27	30'08	'04	60'5	59'8	64'7	55'6	2'5	1'3	.446	.473	85	92	WSW	10	SW	12	6	10	'04	6'5	—	—	—	—	—	—	—	—	—	Bright a. Dull after 14 h.
28	'10	'11	57'0	53'5	59'7	52'6	2'1	0'7	.402	.383	86	95	NW	4	NNE	4	10	10●	'10	0'1	—	—	—	—	—	—	—	—	—	Overcast.
29	30'20	'09	54'3	55'2	57'6	49'5	5'1	3'1	.290	.350	69	81	NNW	7	SW	9	4	10	'25	7'5	—	—	—	—	—	—	—	—	—	Generally sunny. ● n.
30	29'75	30'09	58'0	51'0	59'1	50'0	3'9	6'4	.370	.229	77	67	NW	18	N	12	7	0	'05	8'4	—	—	—	—	—	—	—	—	—	● early a.
M.	29'894	29'896	60'1	57'9	64'5	53'8	3'4	2'6	.420	.411	80	84		6		6	5'4	3'0	3'36	200	—									

* Miles per hour.

† Beaufort Scale (0-12).

ARMAGH, a.—SEPTEMBER 1911.

ARMAGH, a.—SEPTEMBER 1911.
 Heights above Mean Sea Level:—Station, H = 196 ft.; Barometer, H_0 = 202 ft. Heights above Ground:—Therms., h_t = 4 ft. Rain-gauge, h_r = 1 ft.
 Long. 6° 39' W. Lat. 54° 21' N. Gravity Correction, + '025 in. Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.					Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.				
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.	9 h.	21 h.	9 h.	21 h.		9 h.	21 h.		
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.											
1	ins.	ins.	59.8	60.0	70.2	56.0	3.8	6.0	in.	in.	%	%	SSW	7	SW	4	10	0	0	ins.	hrs.	°	Fine.
2	29.69	29.67	59.8	60.0	70.2	56.0	3.8	6.0	3.97	3.44	77	66	SSW	7	SW	4	10	0	0	—	8.1	56	Fine.
3	29.83	29.93	61.8	56.0	69.9	54.0	5.0	3.5	3.96	3.53	72	78	3	—	2	0	0	0	—	11.5	52	Fine.	
4	30.05	30.09	58.6	54.8	67.0	48.0	3.7	0.8	3.82	4.06	78	94	SW	6	1	0	9	—	8.4	43	Fine.		
5	30.01	29.96	57.0	54.7	70.5	43.5	0.4	3.5	4.53	3.33	97	77	—	1	—	2	9	0	0	—	9.1	36	Fine.
6	30.04	30.04	58.8	56.0	71.0	50.7	2.8	1.7	4.11	3.93	83	89	SW	5	1	0	0	—	9.6	44	Fine.		
7	30.01	29.97	57.7	55.8	69.1	51.3	2.6	1.5	4.00	4.02	84	90	SW	4	1	10	0	—	8.2	46	Fine.		
8	29.91	29.89	58.0	55.4	69.0	44.0	1.2	2.0	4.45	3.82	92	87	—	2	1	3	0	—	7.5	39	≡ before 9 h. Fine.		
9	81	86	60.0	49.0	69.9	45.0	2.0	1.9	4.53	3.00	88	87	—	1	—	2	2	0	007	7.7	40	Fine.	
10	78	79	56.0	54.1	65.9	44.0	3.3	2.1	3.58	3.59	79	85	—	2	—	2	9	2	—	8.1	36	Fine.	
11	70	70	60.7	59.3	66.5	53.0	1.7	2.0	4.74	4.41	90	88	SE	7	8	4	10	7	010	0.5	45	Mostly overcast.	
12	81	82	64.1	56.4	67.1	56.4	1.8	1.6	5.34	4.07	89	90	S	4	—	1	10	10	330	0.7	52	Mostly overcast.	
13	86	80	56.0	48.2	61.7	48.2	0.3	1.7	4.40	2.95	98	89	—	1	—	1	9	3	—	3.4	50	Fine, but much cooler.	
14	30.00	29.96	54.9	50.5	60.0	45.5	3.2	2.5	3.44	3.04	79	83	—	2	—	1	10	10	18	37	50	Fine, but much cooler.	
15	15	14	20	51.6	44.7	57.0	42.0	5.6	2.2	3.17	2.94	70	84	—	1	2	1	10	—	6.1	33	Fine, but much cooler.	
16	16	12	51.7	51.7	56.9	44.7	3.4	1.7	2.98	3.39	78	88	N	4	—	2	8	7	—	8.1	33	Fine, but much cooler.	
17	15	30.15	53.7	55.7	64.0	48.8	2.7	3.3	3.38	3.53	82	79	—	2	—	0	10	10	—	—	37	Overcast.	
18	30.08	29.90	58.3	55.0	64.5	50.7	4.9	4.8	3.48	3.07	71	71	SW	4	SW	4	0	10	—	4.6	45	Fine.	
19	29.64	25																					
20	11	12	52.3	41.8	57.3	41.8	1.3	3.5	3.57	1.06	91	75	SW	4	—	3	7	0	020	6.0	43	Fine.	
21	27	50	52.0	42.0	58.5	37.1	4.1	2.0	2.85	2.25	74	85	—	2	—	0	0	0	065	7.7	32	● shower 14 h. 30 m.	
22	27	37	49.8	51.0	54.9	40.3	2.6	1.9	2.93	3.26	82	87	S	7	S	13	10	10	110	—	33	Overcast.	
23	24	40	59.8	50.8	65.0	50.7	1.0	3.8	4.82	2.78	94	75	S	11	SW	5	10	0	030	3.5	50	● early a.	
24	54	70	54.3	46.8	62.1	46.8	2.5	0.3	3.52	3.14	83	98	SW	6	SW	4	0	8	3.18	7.3	43	Fine a. ● showers p.	
25	69	56	52.4	50.5	55.0	45.0	2.5	1.5	3.29	3.28	83	89	S	7	S	7	9	3	030	0.6	41	Overcast. A few ● showers.	
26	71	70	56.0	56.8	62.1	47.3	4.7	4.8	3.24	3.30	72	71	SW	7	SSW	10	1	10	048	6.8	32	Fine.	
27	78	84	53.0	44.6	58.1	44.6	2.7	1.3	3.30	2.65	82	90	SW	5	SW	4	10	7	090	0.2	46	● showers.	
28	29.92	29.92	47.4	42.0	57.0	40.7	2.6	0.4	2.67	2.58	83	97	SW	6	SW	4	10	0	070	3.7	38	A few ● showers.	
29	30.02	29.62	50.7	50.6	52.6	40.8	4.1	0.3	2.71	3.61	74	98	—	3	SSW	8	4	10	248	2.9	36	Drizzle from 13 h.	
30	29.86	30.16	50.8	43.8	55.5	42.0	4.8	2.8	2.57	2.26	69	78	N	4	—	2	7	7	—	9.5	38	Fine.	
M.	29.805	29.804	55.6	51.4	62.7	46.5	3.0	2.4	3.65	3.22	81	84	4	3	6.3	5.1	1.493	157	41.8				

MARKREE CASTLE, SLIGO, a.b.—SEPTEMBER 1911.

Heights above Mean Sea Level:—Station, $H = 122$ ft.; Barometer, $H_0 = 127$ ft. Heights above Ground:—Therms., $h_t = 4$ ft. Rain-gauge, $h_r = 1$ ft.
Long. $8^\circ 27'$ W. Lat. $54^\circ 11'$ N. Gravity Correction, $+0.24$ in. Time, Dublin mean time.

29° 74'	29° 75'	60° 0'	59° 0'	64° 8'	57° 0'	3° 1'	2° 0'	42° 0'	43° 6'	81	88	S	3	S	2	10	10	107	1° 3'	57	● showers a.	Squally p.
29° 30'	30° 03'	62° 0'	55° 0'	67° 0'	46° 8'	3° 7'	2° 0'	43° 6'	37° 5'	79	87	S	2	Calm	0	4	10	—	10° 3'	39	Bright and warm.	
29° 10'	17	61° 8'	51° 0'	65° 3'	42° 0'	4° 8'	1° 0'	40° 1'	34° 5'	73	93	SW	1	Calm	0	5	5	—	6° 34'	34	Fine and warm.	
29° 08'	10	56° 0'	55° 0'	70° 3'	43° 8'	3° 1'	1° 0'	35° 2'	30° 5'	76	93	SW	1	Calm	0	6	3	—	10° 7'	35	Fine and warm.	
29° 10'	14	61° 5'	52° 0'	70° 3'	43° 9'	3° 5'	0° 5'	43° 3'	40° 5'	79	97	Calm	0	Calm	0	8	2	—	9° 5'	45	Fine.	
29° 08'	30° 06'	59° 3'	50° 3'	68° 3'	44° 9'	2° 3'	0° 3'	43° 2'	35° 7'	86	98	W	1	Calm	0	8	0	—	9° 8'	39	Dull.	
29° 08'	29° 57'	57° 0'	53° 0'	68° 3'	41° 0'	1° 0'	0° 1'	43° 4'	40° 0'	93	99	Calm	0	Calm	0	10	0	—	2° 0'	38	Dull a. Fine p.	
29° 08'	29° 57'	56° 0'	50° 7'	68° 8'	42° 4'	0° 9'	1° 8'	43° 5'	32° 5'	94	88	Calm	0	Calm	0	3	0	—	5° 0'	39	● a. Fine and warm.	
29° 08'	29° 57'	58° 0'	56° 9'	67° 3'	44° 4'	4° 2'	1° 9'	36° 2'	40° 0'	75	88	Calm	0	SE	3	1	0	—	10° 7'	37	Bright and warm.	
29° 08'	29° 57'	57° 0'	51° 5'	66° 0'	55° 9'	2° 2'	2° 5'	50° 3'	46° 3'	87	85	SE	2	S	3	10	10	—	10° 2'	52	Gloomy and warm.	
29° 08'	29° 57'	54° 0'	54° 0'	63° 8'	55° 3'	1° 0'	2° 0'	43° 4'	36° 0'	93	86	NW	1	Calm	0	10	10	—	16° 47'	56	Fine and mild.	
29° 08'	30° 08'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	97	Calm	0	Calm	0	9	10	—	10° 2'	75	50	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31° 4'	80	93	N	1	Calm	0	9	7	—	10° 3'	25	40	
29° 08'	30° 12'	53° 9'	49° 9'	70° 6'	47° 3'	2° 6'	0° 5'	33° 4'	31°													

* Miles per hour.

† Beaufort Scale (0—12).

DUBLIN (PHOENIX PARK), a.—SEPTEMBER 1911.

Heights above Mean Sea Level:—Station, H=155 ft.; Barometer, H_b=159 ft. Heights above Ground:—Therms., h_t=4 ft.; Rain-gauge, h_r=1 ft.
Long. 6° 21' W. Lat. 53° 22' N. Gravity Correction, +.022 in. Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.					
							Dep. of Wet.		Vapour Pressure.										Percentage.				
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.							
1	ins.	ins.	63.6	60.6	70.7	56.3	7.5	3.1	358	430	61	82	SW	9	SW	11	1	3	ins.	hrs.	0	Beautiful day.	
2	29.81	29.80	63.6	60.6	70.7	56.3	7.5	3.1	358	430	61	82	SW	9	SW	11	1	3	12.0	5.3		Beautiful day.	
3	29.90	30.02	62.3	53.7	70.9	53.4	5.3	2.1	395	354	70	86	W	5	—	2	6	4	—	9.4	5.1	Beautiful day.	
4	30.15	30.15	61.0	46.7	68.2	44.9	5.1	1.0	381	296	72	93	SW	4	—	0	2	2	.020	10.0	3.8	Beautiful day.	
5	30.06	30.06	56.9	50.0	67.6	41.0	3.1	0.2	373	356	81	99	—	2	—	0	10	2	—	4.6	3.6	Fine, but cloudy.	
6	30.09	30.09	56.9	50.0	67.6	41.0	3.1	0.2	373	356	81	99	WSW	6	—	3	5	2	11.3	4.1	Beautiful day.		
7	30.10	30.04	54.6	55.3	72.3	50.2	0.8	0.5	404	423	95	97	W	6	—	0	10	0	8.3	4.4	Beautiful day.		
8	29.98	29.95	62.4	53.0	73.0	40.9	4.9	0.9	408	377	73	94	WSW	4	—	2	0	1	10.5	3.8	Beautiful day.		
9	30.04	30.04	54.6	55.3	73.9	45.8	3.6	3.5	41.5	39.4	79	79	NE	6	—	0	10	0	10.2	4.5	Beautiful day.		
10	30.04	30.04	54.6	55.3	73.9	45.8	3.6	3.5	41.5	39.4	79	79	ENE	6	E	6	10	0	3.2	4.5	Fine, but cloudy.		
11	30.04	30.04	54.6	55.3	73.9	45.8	3.6	3.5	41.5	39.4	79	79	SE	6	—	0	10	0	5.0	4.5	Fine, but cloudy.		
12	30.04	30.04	54.6	55.3	73.9	45.8	3.6	3.5	41.5	39.4	79	79	WSW	4	—	3	5	2	.320	3.4	5.2	• 11 h. 35 m.-12 h. Drizzle	
13	29.92	29.98	53.1	52.6	59.2	41.1	3.4	2.7	314	326	77	81	—	3	—	0	10	7	—	4.8		Overcast. [from 5 h. 30 m.]	
14	30.06	30.10	54.5	49.1	60.5	38.7	4.6	3.6	304	265	72	75	WNW	4	—	3	1	9	10	—	3.7		Dull.
15	30.15	30.15	54.5	49.1	60.5	38.7	4.6	3.6	304	265	72	75	WNW	4	—	3	1	9	10	—	3.7		Fine, but cloudy.
16	30.25	30.25	54.5	49.1	60.5	38.7	4.6	3.6	304	265	72	75	WNW	4	—	3	1	9	10	—	3.7		Fine, but cloudy.
17	30.25	30.25	54.5	49.1	60.5	38.7	4.6	3.6	304	265	72	75	WNW	4	—	3	1	9	10	—	3.7		Very dull.
18	30.19	30.02	54.8	53.7	64.0	47.9	4.3	4.0	316	307	74	74	SW	6	W	4	10	8	—	0.1	3.9		Very dull.
19	29.75	29.37	54.8	57.3	60.2	47.3	6.1	2.5	340	396	67	84	SW	7	SW	6	7	10	.038	1.7	3.9		Fine, but cloudy.
20	30.20	30.20	54.8	43.7	59.4	43.3	4.5	2.1	311	240	73	84	WSW	7	—	3	6	2	—	7.4	4.4		• 13 h.-14 h. [50 m.]
21	30.33	30.33	50.0	44.9	56.7	41.2	4.1	1.8	263	256	73	87	W	5	W	4	2	1	.090	6.2	2.8		• 11 h. 30 m. and 14 h.-14 m.
22	30.47	30.47	51.4	54.5	54.7	37.5	2.9	2.8	307	347	81	81	—	0	SE	8	10	8	.110	—	2.9		• 12 h. 45 m.-15 h. 30 m.
23	30.51	30.51	62.0	49.7	67.0	48.2	1.8	2.3	494	300	89	85	SSW	7	—	2	10	1	.010	0.8	4.9		Dull. • 13 h. 30 m.-16 h.
24	30.62	30.62	55.5	47.8	62.4	47.3	4.4	1.7	323	291	73	88	SW	8	—	3	1	0	.020	8.5	3.6		• at intervals 11 h. 30 m.-14 h. 30 m.
25	30.78	30.78	56.3	50.1	54.5	39.5	1.8	0.3	352	293	87	97	—	0	—	1	10	3	.435	—	3.3		• 9 h. 30 m.-16 h. 30 m. [30 m.]
26	30.85	30.85	53.8	55.6	63.0	44.6	4.9	4.1	328	332	71	75	SW	9	SW	11	3	0	.040	6.5	3.8		Fine, but cloudy.
27	29.88	29.93	56.2	50.1	57.1	49.8	1.3	1.3	413	328	91	91	WSW	4	WSW	5	10	10	.120	—	4.8		• 7 h.-7 h. 45 m. • 10 h.-10 h. 15 m.
28	30.03	30.08	49.4	43.1	56.2	42.5	3.3	1.7	274	241	78	86	WSW	7	—	3	8	2	—	4.0	4.0		Fine, but cloudy. [16 h. 30 m.]
29	30.13	29.78	48.8	54.6	55.2	38.6	2.8	1.5	278	383	80	90	W	6	SW	14	6	100	.065	2.2	3.3		• 0 p.
30	29.89	29.89	49.4	44.4	56.1	43.4	4.7	3.1	245	226	69	77	N	11	NNW	4	2	2	—	8.1	4.2		• 4 h. 50 m.-5 h. 10 m.
M.	29.882	29.884	56.5	51.5	62.9	45.0	3.6	2.0	360	332	78	86	—	5	—	3	6.2	4.4	1.268	153	40.1		

LIMERICK (MUNGRET COLLEGE), †—SEPTEMBER 1911.

Heights above Mean Sea Level:—Station, H=47 ft.; Barometer, H_b=50 ft. Heights above Ground:—Therms., h_t=4 ft.; Rain-gauge, h_r=1 ft.
Long. 8° 41' W. Lat. 52° 38' N. Gravity Correction, +.020 in. Time, Dublin mean time.

1	29.88	29.87	59.9	58.0	72.3	55.1	1.1	1.1	4.80	4.48	94	92	S	6	Calm	0	3	3	—	12.1	4.6		
2	30.03	30.17	61.2	50.0	68.9	48.2	3.4	1.1	4.31	3.32	80	92	W	1	Calm	0	6	2	—	10.9	3.8		
3	30.26	30.23	59.8	52.9	70.0	39.9	2.8	1.1	4.26	3.70	83	93	NE	1	Calm	0	3	0	—	10.8	3.2		
4	30.13	30.19	60.5	52.2	72.2	48.3	3.6	0.3	4.14	3.82	79	98	SE	2	SW	1	4	9	—	10.6	4.2	⊕ 18 h. 30 m.	
5	30.23	30.25	60.5	51.6	70.5	46.5	2.1	0.0	4.59	3.82	87	100	SW	2	Calm	0	7	0	—	11.1	4.0		
6	30.23	30.23	57.0	56.1	71.9	49.8	1.1	1.0	4.31	4.21	92	93	S	2	W	1	7	0	—	9.8	4.2	≡ till 8 h.	
7	30.11	30.02	53.7	60.0	73.2	45.3	0.5	1.8	3.98	4.59	96	89	E	1	NE	1	0	0	—	7.6	4.0	≡ till 9 h.	
8	29.93	29.96	57.6	60.4	74.8	43.0	1.3	2.2	4.35	4.53	91	87	N	1	NE	4	3	0	—	11.1	3.7		
9	30.00	30.01	57.7	61.9	74.4	47.2	2.7	1.5	3.97	5.03	83	91	NE	2	SE	3	4	9	—	10.8	4.0		
10	29.88	29.84	67.3	62.8	70.1	56.9	4.6	1.7	5.01	5.13	75	90	SE	4	SE	3	9	10	—	10.1	5.5		
11	29.89	29.94	66.0	57.0	69.9	56.6	2.8	0.1	5.36	4.62	84	89	E	1	N	2	9	10	—	10.2	5.5	● from 17 h.	
12	29.97	30.00	54.1	49.0	69.7	48.8	2.0	1.6	3.62	3.08	86	89	N	3	N	2	10	2	—	10.1	4.5		
13	30.07	30.07	55.1	53.2	62.2	38.6	4.4	3.3	3.17	3.18	73	78	N	2	N	2	8	8	—	10.1	3.5		
14	30.21	30.23	55.2	51.7	61.1	44.3	5.3	2.1	2.99	3.29	69	86	N	2	N	2	4	5	—	6.9	3.8		
15	30.29	30.37	52.8	44.0	59.7	43.0	6.1	1.5	2.54	2.55	64	88	N	4	N	1	4	5	—	6.9	3.4		
16	30.39	30.42	49.1	51.6	56.2	39.0	2.1	1.4	2.97	3.45	85	90	Calm	0	Calm	0	10	10	—	—	3.1		
17	30.35	30.39	51.0	53.1	58.9	39.3	0.6	2.2	3.58	3.44	96	84	Calm	0	Calm	0	10	10	—	—	3.6		
18	30.32	30.14	55.2	53.7	60.0	50.8	3.8	2.2	3.33	3.52	76	86	SW	1	Calm	0	9	10	—	—	0.6	4.9	
19	29.86	29.46	55.2	55.0	65.1	46.2	1.5	1.8	3.93	3.81	90	88	S	2	S	5	10	10	—	1.98	1.2	4.1	
20	30.34	30.34	55.2	46.0	56.4	42.9	4.6	0.8	3.15	2.92	72	94	SW	2	SW	3	3	10	—	3.26	4.5	4.0	
21	30.34	30.34	55.2	46.0	56.4	42.9	4.6	0.8	3.15	2.92	72	94	SW	2	SW	3	3	10	—	1.35	8.6	3.8	
22	30.60	30.64	44.6	56.7	58.0	41.6	1.2	0.3	2.67	4.50	91	98	SE	4	SE	2	10	10	—	4.50	—	3.5	
23	30.60	30.64	44.6	56.7	58.0	41.6	1.2	0.3	2.67	4.50	91	98	SE	4	SE	2	10	10	—	4.50	—	3.5	
24	30.60	30.64	44.6	56.7	58.0	41.6	1.2	0.3	2.67	4.50	91	98	SE	4	SE	2	10	10	—	4.50	—	3.5	
25	30.60	30.64	44.6	56.7	58.0	41.6	1.2	0.3	2.67	4.50	91	98	SE	4	SE	2	10	10	—	4.50	—	3.5	
26	30.60	30.64	44.6	56.7	58.0	41.6	1.2	0.3	2.67	4.50	91	98	SE	4	SE	2	10	10	—	4.50	—	3.5	
27	30.60	30.64	44.6	56.7	58.0	41.6	1.2	0.3	2.67	4.50	91	98	SE	4	SE	2	10	10	—	4.50	—	3.5	
28	30.60	30.64	44.6	56.7	58.0	41.6	1.2	0.3	2.67	4.50	91	98	SE	4	SE	2	10	10	—	4.50	—	3.5	
29	30.60	30.64	44.6	56.7	58.0	41.6	1.2	0.3	2.67	4.50	91	98	SE	4	SE	2	10	10	—	4.50	—	3.5	
30	30.60	30.64	44.6	56.7	58.0	41.6	1.2	0.3	2.67	4.50	91	98	SE	4	SE	2	10	10	—	4.50	—	3.5	
M.	30.004	30.008	56.0	52.5	64.5	45.5	2.6	1.3	3.81	3.67	84	91	2.1	1.7	6.7	5.1	3.029	167	40.0				

FORT WILLIAM, INVERNESS-SHIRE, a.—OCTOBER 1911.

Heights above Mean Sea Level:—Station, H=171 ft.; Barometer, $H_b=49.8$ ft. Heights above Ground:—Therms., $h_t=4$ ft.; Rain-gauge, $h_r=1$ ft.
Long. $5^\circ 7' W$. Lat. $56^\circ 49' N$. Gravity Correction, +.031 in. Time, Greenwich mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ing 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.			
							Dep. of Wet.		Vapour Pressure.										Percentage.		
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.					
1	ins.	ins.	44.0	42.8	51.7	36.0	4.0	0.9	in.	in.	%	%	NE	†	0	6	ins.	hrs.	—	Fine and sunny.	
2	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	NE	2	0	6	—	—	—	☉ in evening	
3	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	SW	2	100 ⁰ ≡0	3	0.7	—	—	Fair generally.	
4	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	ENE	5	3	7	—	—	—	Fair generally.	
5	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	NE	3	100 ⁰ ≡0	9	0.3	—	—	Overcast. ≡☉ showers.	
6	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Fine.	
7	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Very fine and sunny.	
8	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Dull and cloudy. ☉ in evening	
9	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Fair to fine.	
10	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	—early a. Very fine and sunny	
11	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Fine and sunny after 11 h.	
12	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Generally fine and sunny.	
13	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Dull and cloudy.	
14	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Fine, but with ☉.	
15	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	≡ early a. Fine and sunny.	
16	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Very fine and sunny.	
17	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Cloudy, with sunny intervals.	
18	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Very fine and sunny; ☉ a.	
19	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Very fine and sunny.	
20	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Dull and gloomy. ☉ all day.	
21	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Dull and gloomy. ☉ all day.	
22	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Dull and gloomy. ☉ all day.	
23	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Dull and gloomy.	
24	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Calm, clear and sunny.	
25	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Generally fair. ☉ after 10 h.	
26	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Cloudy, with occasional ☉ showers.	
27	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	☉ p. ☉ n. ☉ n.	
28	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Chilly wind, with ☉ showers.	
29	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Fine, clear and sunny.	
30	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	Clear and sunny.	
31	30.36	30.22	44.0	42.8	51.7	36.0	4.0	0.9	205	256	71	93	Caln	0	3	7	—	—	—	☉ all day.	
M.	29.878	29.853	45.0	44.5	53.1	38.8	2.3	1.9	252	256	83	85	1.4	1.7	7.3	5.6	3.84	—	—	—	☉ all day.
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DUNDEE, FORFARSHIRE, c.d.—OCTOBER 1911.

Heights above Mean Sea Level:—Station, H=160 ft.; Barometer, $H_b=164$ ft. Heights above Ground:—Therms., $h_t=3.8$ ft.; Rain-gauge, $h_r=1$ ft.
Long. $2^\circ 56' W$. Lat. $56^\circ 28' N$. Gravity Correction, +.030 in. Time, Greenwich mean time.

1	30.18	30.10	44.2	40.0	54.0	34.2	4.4	2.5	201	198	69	80	NW	3	W	1	5	5	—	—	Cloud and sunshine.
2	29.91	29.70	43.0	42.2	51.9	37.0	2.4	1.2	226	243	82	90	SW	1	NW	1	10	10	02	—	Cloud and sunshine 10 h.-17 h.
3	30.00	29.94	47.5	44.0	53.2	40.7	2.6	3.1	268	222	82	76	N	5	N	5	5	10	—	—	Cloud and sunshine till 16 h. [then dull.]
4	29.99	30.03	46.2	46.1	54.2	44.0	3.6	3.1	234	243	76	78	NE	5	NE	5	10	10	—	—	Fine 11 h.-17 h.
5	30.11	30.02	45.0	47.8	54.7	38.5	2.2	2.4	249	274	84	83	SW	1	N	1	10	10	—	—	Fine 12 h.-14 h.
6	30.15	30.08	48.7	43.5	56.8	42.5	3.7	0.9	257	262	75	93	NE	3	E	1	10	10	—	—	Fine 11 h.-13 h.
7	29.91	29.74	41.0	44.0	54.6	35.4	0.5	1.0	246	265	96	92	W	1	W	1	10	10	01	—	Dull and cloudy, with ☉.
8	29.93	30.17	49.9	41.0	54.0	39.6	3.3	2.0	279	215	78	84	NE	1	E	1	10	10	—	—	Cloud and sunshine 12 h.-15 h.
9	30.26	30.32	43.0	43.5	51.8	33.8	3.4	2.7	208	225	75	79	N	1	N	1	10	10	—	—	Fine till 15 h., then dull.
10	30.37	30.33	40.2	44.5	54.6	30.8	2.0	1.7	209	255	85	87	NW	3	SW	1	5	10	—	—	Fine 10 h.-16 h.
11	30.30	30.24	41.5	43.0	57.0	35.2	0.5	0.1	251	275	96	99	SE	1	E	1	5	0	—	—	☉ till 11 h., then fine.
12	30.02	29.89	39.2	39.2	46.6	36.4	0.3	0.2	234	236	97	98	N	1	NE	1	10	0	10	10	☉ and cloud all day.
13	29.89	29.86	43.2	42.0	49.6	36.4	0.2	0.6	275	254	98	95	N	1	N	1	10	0	—	—	☉ till 10 a., then fine.
14	29.91	30.11	46.4	50.5	51.6	41.6	0.4	0.5	306	354	97	96	W	1	E	1	10	10	—	—	Dull and cloudy.
15	30.25	30.32	47.0	50.5	51.0	43.0	0.5	0.6	311	352	97	95	E	1	NE	1	10	10	—	—	Fine 9 h.-18 h.
16	30.28	30.21	51.9	47.2	53.0	46.0	2.9	2.2	311	273	81	85	E	3	E	3	10	10	—	—	Dull and cloudy.
17	30.14	30.09	51.5	49.8	52.2	46.8	1.9	1.8	331	312	87	87	E	3	E	3	10	10	—	—	Dull and cloudy.
18	29.99	29.99	50.4	48.5	51.0	38.9	1.4	0.7	330	324	90	95	SE	1	N	1	10	10	—	—	Dull and cloudy.
19	30.01	30.01	50.5	50.0	51.0	45.9	1.3	0.1	333	358	90	99	E	1	E	1	10	10	—	—	Dull and cloudy.
20	30.02	30.02	51.0	51.2	52.5	49.8	0.0	1.2	374	345	100	92	E	1	E	1	10	0	10	10	☉ till 10 h. Dull, with ☉.
21	29.90	29.90	49.0	49.0	52.5	48.2	0.1	0.5	371	335	99	97	E	1	SE	3	10	0	10	10	☉ till 7 h., 16 h.-19 h., and 21 h.
22	29.89	29.81	48.5	45.8	51.6	43.4	0.7	0.8	324	289	95	94	E	1	NW	1	10	10	18	—	Dull, except from 12 h.-14 h.
23	29.99	29.18	48.9	48.2	49.0	41.6	0.9	0.7	323	320	94	96	W	1	W	3	10	10	01	—	Dull, except from 12 h.-14 h.
24	30.07	30.07	47.2	44.5	50.0	42.5	1.0	0.3	300	286	93	98	SW	1	SE	1	5	10	0	10	☉ and sunshine till 15 h., then fine.
25	30.10	29.10	43.8	35.0	50.8	34.0	2.0	2.0	243	164	84	80	NW	1	N	1	10	0	01	—	Dull till 14 h., then fine.
26	30.16	28.90	34.8	40.6	41.0	31.6	0.8	2.4	186	205	92	82	NE	3	NE	5	5	10	04	—	☉ 8 h. 30 m.-9 h. 30 m.
27	30.11	29.40	37.0	33.2	43.3	32.5	2.0	1.2	182	165	83	87	NE	3	N	1	5	0	—	—	Fine after 12 h.
28	30.07	30.07	34.5	31.0	46.0	29.5	2.0	0.5	161	161	80	92	W	1	NW	1	0	0	—	—	Fine.
29	30.07	30.07	33.0	33.0	44.0	24.0	0.8	1.0	145	259	86	92	N	1	SE	1	10	0	10	10	☉ at times.
30	30.08	30.08	31.0	30.0	43.2	24.0	2.5	0.7	298	264	83	94	SW	3	SW	5	10	10	04	—	Dull and cloudy.
31	29.26	29.39	40.2	43.2	47.0	38.6	0.7	2.2	235	232	94	83	SW	5	W	5	10	10	02	—	☉ 8 h. 30 m.-9 h.
M.	29.760	29.736	44.7	44.0	51.2	38.9	1.6	1.3	265	263	88	90	1.9	1.8	8.2	8.2	1.37	—	—	—	—

† Beaufort Scale (0-12).

GLASGOW, LANARKSHIRE, a.—OCTOBER 1911.

Heights above Mean Sea Level:—Station, H=180 ft.; Barometer, $H_b=184$ ft. Heights above Ground:—Therms., $h_t=7$ ft.; Rain-gauge, $h_r=2$ ft.
Long. $4^\circ 18' W$. Lat. $55^\circ 53' N$. Gravity Correction, +.029 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.			Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp.
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DOUGLAS, ISLE OF MAN, a.—OCTOBER 1911.

Heights above Mean Sea Level :—Station, $H = 277$ ft. ; Barometer, $H_b = 284$ ft. Heights above Ground :—Therms., $h_t = 4$ ft. Rain-gauge, $h_r = 10$ ins.
Long. $4^\circ 28'$ W. Lat. $54^\circ 10'$ N. Gravity Correction, $+0.024$ in. Time, Local mean time.

Day.	Barometer at 32° Fah. at Level and Latitude of Station.			Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.						
	9 h.	21 h.	ins.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	ins.		hrs.					
																					Dep. of Wet.	Vapour Pressure.	Percentage.		
1	30°08	30°00	ins.	45°2	45°3	50°1	40°0	4°9	2°8	201	241	67	80	N	†			ins.	6°6	36	Fine a. Cloudy afternoon.				
2	29°83	29°53	ins.	47°5	44°3	50°9	43°1	2°0	0°3	281	284	86	98	W	3	WNW	1	2	9°2	332	Dull. ● showers from 15 h.				
3	71	81	53	46°3	54°2	43°8	3°9	3°8	269	232	75	74	NE	4	NW	2	6	2	6	2	40	Squally till 18 h.			
4	83	89	48	49°0	52°6	43°8	4°9	4°1	226	253	68	72	NNE	4	NE	4	3	8	8	6	40	Squally.			
5	94	81	52	47°0	55°0	46°5	4°0	1°9	287	277	74	87	NE	4	N	1	8	6	10	30	44	Squally till 13 h. ● 23 h. 30 m.			
6	91	90	52°9	50°1	57°3	46°7	2°9	0°9	323	338	81	93	ENE	4	NE	1	7	2	2	2	40	44	Squally till 19 h.		
7	74	65	52°0	50°6	58°7	43°3	2°8	1°6	315	327	81	89	WNW	1	NW	1	0	10	10	10	30	44	Very fine.		
8	29°78	29°97	52°6	50°3	55°3	43°1	2°6	2°0	327	314	82	86	NW	1	NE	5	3	9	—	6	40	44	● early a. Very fine.		
9	30°08	30°17	46°3	47°0	50°8	42°5	3°6	3°2	235	249	75	78	E	5	ENE	2	8	8	—	5	40	44	Squally till 16 h.		
10	27	24	46°9	41°8	53°9	40°0	2°3	1°0	267	245	84	92	E	1	NNE	1	9	0	—	6	40	44	Very fine afternoon.		
11	30°17	30°00	51°0	51°2	56°1	39°3	1°9	2°0	326	325	87	86	E	1	ESE	2	9	0	—	6	40	44	Very fine.		
12	29°84	29°77	50°7	45°4	54°9	45°2	2°1	0°6	317	290	86	96	ESE	3	N	1	9	0	—	6	40	44	Dull a. Gloomy afternoon.		
13	72	65	53°0	54°0	58°3	44°9	1°0	1°4	374	377	93	90	E	1	E	2	4	4	4	4	40	44	Fine.		
14	29°72	29°86	52°9	54°7	50°7	50°2	1°7	2°2	353	366	88	86	ESE	2	ESE	3	9	10	—	4	40	44	≡ till 6 h. Dull from 15 h.		
15	30°03	30°02	54°6	53°8	55°7	51°9	3°6	2°0	329	359	77	87	E	5	E	4	8	10	—	4	40	44	Fine a.		
16	29°97	29°91	52°2	52°0	54°2	51°3	3°2	1°9	308	338	79	87	E	5	E	6	10	10	—	4	40	44	Overcast and squally.		
17	87	81	53°1	52°4	57°8	51°2	1°1	1°5	373	353	92	90	ESE	4	ESE	5	9	8	—	6	40	44	Very fine.		
18	80	75	52°5	55°3	57°4	50°9	0°6	1°3	374	399	96	91	ESE	3	ENE	2	10	10	—	6	40	44	≡ 8 h.—11 h. Very fine.		
19	77	53	53°7	54°8	56°0	52°1	0°6	0°2	396	424	96	98	ESE	3	ESE	3	10	10	10	10	10	10	44	≡ showers.	
20	44	29°39	54°8	54°8	50°0	53°9	0°0	0°8	439	399	100	95	SE	2	SSE	3	10	10	10	10	10	10	44	≡ till 11 h. ● showers.	
21	29°01	28°81	54°5	53°9	55°6	51°7	0°7	1°9	405	361	96	87	SE	7	S	6	10	10	10	10	10	10	44	44	Squally, with ● showers.
22	28°63	28°87	51°7	51°3	54°3	50°5	0°7	1°6	395	337	95	89	ESE	4	NW	2	9	4	10	10	10	10	44	44	Dull, with ● showers.
23	29°12	29°14	50°2	49°2	53°3	47°5	1°1	1°2	335	319	93	92	W	5	WSW	2	8	10	10	10	10	10	44	44	Squally, with ● showers.
24	29°05	28°95	47°6	42°4	51°0	40°8	1°2	0°6	300	259	92	95	W	1	NW	1	10	10	10	10	10	10	44	44	□ till 13 h. ~ n.
25	28°93	29	46°0	42°0	51°3	39°7	6°2	1°0	187	245	60	92	NW	2	Calm	0	3	3	184	7°6	34	44	44	Very fine till 16 h. ~ n.	
26	75	28°64	42°0	42°5	48°0	37°6	2°0	0°5	255	261	85	96	ESE	2	NNW	1	9	10	10	10	10	10	44	44	□ a. ● 11 h.—18 h.
27	28°85	29°19	43°9	42°3	46°6	42°0	2°1	3°3	242	204	84	76	ENE	3	NE	4	9	8	—	0	4	39	44	44	Cloudy.
28	29°53	29°75	40°2	35°0	45°4	32°0	2°2	2°9	205	150	83	73	NE	2	NNW	1	3	0	~	7°6	35	44	44	Very fine. ~ p.	
29	72	33	46°3	54°5	55°0	32°0	2°0	0°0	268	426	86	100	S	3	SW	7	10	10	10	10	10	44	44	Overcast and squally, with ● showers.	
30	66	44	52°3	43°8	55°4	43°0	0°1	3°5	385	213	99	74	WSW	2	W	7	10	2	247	2°4	43	44	44	□ till 13 h. < showers p.	
31	29°45	29°54	46°0	45°9	49°5	43°0	3°4	3°6	230	232	77	75	W	7	WNW	9	8	1	—	6°1	40	44	44	44	showers a. ~ p.
M.	29°59	29°58	49°7	48°5	53°9	44°6	2°3	1°8	305	303	84	87		3°1	3°0	7°5	5°8	4°105	117	42°3					

STONYHURST, LANCASHIRE, a.—OCTOBER 1911.

Heights above Mean Sea Level:—Station, $H=375$ ft.; Barometer, $H_b=363$ ft. Heights above Ground:—Therms., $t_t=7$ ft. Rain-gauge, $t_r=2\frac{1}{2}$ ft.
Long. $2^\circ 28'$ W. Lat. $53^\circ 51'$ N. Gravity Correction, $+0.23$ in. Time, Local mean time.

1	29'95	29'90	43'5	38'0	48'0	37'1	2'3	2'5	'164	'182	57	79	NNW	12	—	2	5	2	—	8'4	35	Fine and sunny.
2	'73	'43	41'6	45'0	50'7	39'3	6'6	1'0	'210	'275	80	92	—	1	—	1	7	10	'100	4'0	32	☉ 14 h. 30 m. ☉ 22 h.
3	'57	'66	47'0	46'2	53'2	39'5	3'0	4'2	'253	'223	79	72	NE	7	NW	7	6	7	—	5'6	37	Sunny intervals.
4	'64	'75	46'2	48'0	50'5	43'0	3'6	3'0	'234	'263	76	79	N	12	N	10	9	10	'020	0'1	40	Sunny intervals. ☉
5	'82	'71	50'0	47'5	54'0	47'5	2'6	2'0	'295	'281	82	86	NE	8	—	2	6	10	—	1'9	46	☉ 13 h. 40 m.
6	'79	'80	51'4	51'2	57'0	44'0	3'0	2'2	'305	'320	80	85	NE	7	NE	4	5	10	—	5'6	41	Fine.
7	'64	'56	49'6	51'0	57'3	45'7	1'6	2'0	'314	'323	89	86	—	1	—	2	7	10	—	0'7	44	
8	'70	29'88	46'0	47'3	50'0	41'5	1'8	2'0	'269	'278	87	86	—	2	NE	5	6	10	'010	3'7	39	☉ 9 h. 30 m. Cloudy n.
9	29'98	30'08	44'2	41'7	48'8	38'8	2'8	2'4	'230	'215	79	82	—	3	—	3	10	3	—	1'7	35	Fine. ☉ n.
10	30'21	29'19	46'0	44'0	53'3	38'0	3'0	1'8	'244	'248	79	86	NNE	4	—	2	0	0	0	8'1	34	Fine and clear.
11	30'12	29'95	43'4	44'7	53'6	35'2	1'4	1'4	'251	'264	89	89	—	2	N	4	0	0	0	6'1	31	Fine, but very misty. ☉
12	29'80	'70	45'8	48'3	55'2	40'1	1'8	1'1	'267	'311	87	92	—	2	—	3	8	0	0	0'4	37	
13	'66	'61	44'2	49'0	59'5	37'8	0'9	1'0	'272	'322	93	93	NNE	4	NE	5	0	0	0	4'0	37	Fine. ☉
14	'66	'81	51'0	53'0	56'0	46'6	3'0	2'0	'299	'347	80	86	NNE	6	NE	5	8	10	10	2'0	42	Fine a. Cloudy p.
15	'96	'94	50'8	53'2	54'6	48'6	3'1	2'2	'294	'344	79	85	NE	8	E	10	10	10	—	0'8	46	Fair, but cloudy.
16	'91	'85	49'5	50'0	53'2	48'7	1'5	1'2	'315	'329	89	92	NE	7	NE	7	10	10	—	—	48	Dull and overcast. ☉
17	'82	'77	52'2	50'8	54'8	50'0	2'2	2'8	'328	'301	85	81	NE	7	E	8	8	—	—	7'2	49	Fine and clear.
18	'74	'72	51'0	53'0	54'8	49'6	1'8	1'8	'338	'352	87	87	NNE	4	NE	4	9	0	'020	2'8	42	Fine.
19	'65	'51	51'6	53'0	55'6	49'6	1'3	1'0	'348	'374	91	93	N	5	NE	4	10	0	'395	—	46	Dull, with ☉ showers.
20	'38	29'40	54'5	53'2	58'3	53'0	1'1	1'4	'393	'366	93	91	—	2	—	2	10	0	'040	—	50	Very dull and overcast.
21	29'08	28'86	56'0	51'0	57'8	50'0	3'2	2'2	'360	'318	80	85	SE	15	SSE	5	10	0	'105	0'6	48	☉ 11 h. -14 h.
22	28'58	28'77	51'3	47'2	54'4	46'5	1'7	1'0	'334	'300	88	93	NE	4	—	2	9	8	'530	0'3	44	Fine a. ☉ 14 h. -19 h.
23	29'06	29'12	51'3	49'0	57'9	40'5	1'3	1'5	'344	'310	91	90	SW	16	SW	6	10	10	'070	0'2	43	Overcast, with ☉ showers.
24	29'05	28'85	47'0	46'2	51'0	43'8	1'6	2'2	'284	'263	89	85	S	4	W	5	10	10	'305	—	39	☉ 11 h. -13 h. ☉ 19 h. 30
25	28'84	'92	44'0	42'0	49'2	39'5	1'3	2'0	'259	'225	90	85	SW	6	—	2	10	5	'087	2'6	35	☉ early a.
26	'74	28'50	43'0	42'0	47'0	40'8	2'0	1'7	'234	'231	84	87	SE	4	W	13	9	10	'480	—	37	☉ all day.
27	28'75	29'08	44'0	37'6	47'0	37'0	2'7	3'6	'230	'160	79	71	NE	7	N	5	7	3	—	4'8	35	Fine all day.
28	29'42	'69	39'0	35'4	46'0	33'5	3'3	2'4	'176	'161	75	78	—	3	—	2	0	0	—	6'0	28	Fine and sunny.
29	'77	'37	35'0	46'2	46'2	28'5	2'5	1'2	'156	'285	76	92	—	2	S	19	10	10	'195	—	24	☉, then ☉.
30	'11	'36	35'0	45'5	55'5	44'6	2'0	3'5	'254	'224	87	75	SSW	21	W	15	10	4	'330	0'7	38	☉ all day.
31	29'41	29'49	45'7	47'0	49'0	42'6	2'4	4'0	'275	'233	83	73	SW	18	W	18	8	5	'080	2'7	47	☉ showers. Sunny intervals
M.	29'533	29'522	47'4	47'0	53'2	42'6	2'3	2'1	'278	'278	83	85		7		6	7'3	6'3	3'767	82	39'6	

* Miles per hour.

† Beaufort Scale (0-12).

SHREWSBURY, SHROPSHIRE.—OCTOBER 1911.

SHREWSBURY, SHROPSHIRE.—OCTOBER 1911.
 Heights above Mean Sea Level:—Station, $H=190$ ft.; Barometer, $H_b=212$ ft. Heights above Ground:—Therms., $h_t=4$ ft.; Rain-gauge, $h_r=1$ ft.
 Long. $2^\circ 45'$ W. Lat. $52^\circ 43'$ N. Gravity Correction, $+0.019$ in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.						Humidity.						Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.	
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.	9 h.	21 h.	9 h.	21 h.					
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.											9 h.
1	ins.	ins.	46.2	35.0	51.8	33.8	5.4	0.2	202	200	65	98	N	3	NW	1	0	2	ins.	hrs.	31	Fine and bright.	
2	30.12	30.08	46.2	35.0	51.8	33.8	5.4	0.2	202	200	65	98	N	3	NW	1	0	2	ins.	hrs.	31	☉ at times.	
3	29.90	29.63	47.2	47.8	50.8	34.4	2.4	0.8	269	312	84	94	NW	1	NW	1	5	8	30	—	38	Very bright midday.	
4	71	80	44.6	44.6	55.8	40.2	2.4	2.2	241	245	82	83	N	1	NW	2	8	8	—	—	38	Dull.	
5	68	86	46.8	49.2	50.2	42.2	3.0	2.4	252	292	80	84	N	2	N	3	8	10	19	—	40	Bright a. ☉ from 19 h.	
6	87	93	54.0	48.8	59.5	45.0	3.2	0.0	329	345	79	100	N	3	NW	2	4	10	30	—	39	☉ at times. ☉ in evening.	
7	90	93	48.2	46.6	54.8	41.5	0.0	0.4	338	308	100	97	N	2	NE	1	10	8	—	43	—	35	☉ a. Fine.
8	29.85	29.96	51.2	44.2	56.2	43.5	1.2	0.6	345	277	92	96	NE	1	NE	1	5	8	—	35	—	35	☉ a. Bright at times.
9	30.10	30.20	47.2	50.2	59.8	37.8	1.0	2.0	300	312	93	86	N	1	NW	1	5	10	—	35	—	35	Bright a. Dull midday.
10	34	32	40.0	41.2	54.2	38.5	2.2	1.0	264	237	84	93	N	1	NE	1	2	3	—	30	—	30	☉ a. Fine and bright.
11	29.94	29.86	49.0	52.2	57.3	37.5	0.8	0.4	230	242	94	97	NE	1	NE	1	2	5	—	34	—	34	☉ a. Fine and bright.
12	80	71	46.0	47.0	59.8	38.8	0.0	0.4	222	269	93	100	SE	1	SE	1	10	4	—	36	—	36	☉ a. Bright midday. ☉ p.
13	29.79	29.91	52.2	54.0	57.2	45.2	0.8	1.0	369	388	95	93	SE	1	SE	1	10	5	—	41	—	41	☉ till 18 h. Sunny at times.
14	30.08	30.04	54.2	53.0	56.4	52.2	2.6	1.2	348	369	83	92	SE	1	SE	1	10	10	—	42	—	42	Dull. Occasional ☉.
15	30.07	29.98	50.0	49.8	54.2	49.2	0.8	0.6	339	343	94	95	SE	2	SE	2	10	8	—	49	—	49	Dull.
16	29.92	30.0	51.2	49.2	55.6	48.0	1.2	1.0	345	324	92	93	SE	2	SE	1	8	8	—	49	—	49	Dull. ☉ at times.
17	89	83	49.0	51.0	56.6	46.6	0.2	0.4	343	304	99	97	E	1	SE	1	10	10	—	44	—	44	Dull, with ☉.
18	77	63	51.2	56.6	58.2	48.6	0.2	0.2	371	452	99	99	E	1	SE	1	10	10	—	47	—	47	Dull. ☉ 18 h.-19 h.
19	53	55	55.8	55.0	64.2	53.6	0.2	2.6	440	359	98	83	E	1	SSW	1	10	10	—	44	—	44	☉ all day.
20	29.23	29.06	57.0	50.8	57.8	48.5	3.0	1.8	377	325	81	87	SE	2	SE	2	8	0	—	47	—	47	☉ midday.
21	28.74	28.94	50.6	48.4	58.0	47.8	0.2	0.2	393	330	99	98	S	2	SW	2	10	5	—	50	—	50	☉ a. Dull p.
22	29.32	29.33	52.2	47.8	57.2	47.8	2.2	1.0	332	308	85	93	SW	2	SW	1	7	5	—	51	—	51	Sunshine and ☉.
23	19	07	49.2	47.5	53.2	42.8	0.6	0.7	335	311	96	95	S	2	SW	1	8	10	—	45	—	45	☉ a. Dull p.
24	29.06	29.11	44.8	38.0	54.0	36.8	0.8	0.8	278	224	94	98	SW	2	W	1	7	0	—	46	—	46	Sunshine and ☉.
25	28.95	28.71	42.0	45.9	52.0	33.6	0.6	1.8	240	217	90	86	SE	2	SW	1	8	10	—	40	—	40	Cloudy, with ☉.
26	28.91	29.21	41.2	40.8	48.2	35.5	1.4	0.8	192	185	85	95	NE	1	NE	1	4	5	—	41	—	41	☉ at times.
27	29.55	29.41	37.8	33.6	48.6	24.8	1.4	0.8	161	323	84	95	SE	1	SE	2	10	4	—	33	—	33	Dull, with ☉.
28	29.44	29.76	33.2	48.6	48.6	24.8	1.4	0.8	161	323	84	95	SE	1	SE	2	10	4	—	33	—	33	Fine.
29	29.70	29.76	48.0	42.8	51.8	40.0	3.8	1.8	247	236	74	86	SW	2	W	2	8	2	—	27	—	27	Fine and bright.
30	29.68	29.68	47.6	46.2	55.1	40.9	1.5	1.0	301	295	90	93	16	13	7.4	6.4	2.45	—	397	—	397	☉ during day.	
31	29.70	29.76	48.0	42.8	51.8	40.0	3.8	1.8	247	236	74	86	SW	2	W	2	8	2	—	36	—	36	Dull a. Bright p.

* CAMBRIDGE, a.—OCTOBER 1911.

Heights above Mean Sea Level:—Station, $H = 42$ ft.; Barometer, $H_b = 43$ ft. Heights above Ground:—Therms., $h_t = 4$ ft.; Rain-gauge, $h_r = 1$ ft.
Long. $0^\circ 8' E.$ Lat. $52^\circ 12' N.$ Gravity Correction, $+0.19$ in. Time, Local mean time.

[illegible]

† Beaufort Scale (0-12).

SOUTHAMPTON, HAMPSHIRE, a.—OCTOBER 1911.

Heights above Mean Sea Level:—Station, H=64 ft.; Barometer, H_b=84 ft. Heights above Ground:—Therms., h_t=4.5 ft. Rain-gauge, h_r=1 ft.
Long. 1° 24' W. Lat. 50° 55' N. Gravity Correction, +.016 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.					
							Dep. of Wet.		Vapour Pressure.										Percentage.				
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.				
1	ins.	ins.	47.7	43.3	54.2	39.5	0	4.3	in.	194	05	69	NW	5	NW	†	†	ins.	hrs.	0	33	Fine, but with cool breeze.	
2	30.20	30.21	47.7	43.3	54.2	39.5	0	4.3	in.	194	05	69	NW	5	NW	†	†	10.5	33	0	33	Fine, but cloudy.	
3	30.07	29.83	47.0	48.2	54.1	34.7	4.0	2.7	233	272	73	82	NW	2	NW	†	†	0.10	0.5	24	39	2 h.-3 h. Fine.	
4	29.73	29.84	50.7	48.2	55.1	43.4	4.5	2.4	245	279	66	84	NE	2	NE	†	†	0.10	0.5	24	39	Drizzling 14 h. 30 m.-19 h.	
5	29.73	29.84	49.7	49.0	52.1	42.5	4.5	1.4	252	312	70	90	NE	4	NE	†	†	0.10	0.5	24	39	0 noon and 14 h. 15 m.	
6	29.93	29.90	52.2	53.3	55.1	47.4	2.7	2.6	321	336	82	82	NE	4	NE	†	†	0.10	0.5	24	39	0 h.-2 h. Fine. = p.	
7	29.96	30.00	51.9	48.0	59.5	46.9	2.8	1.0	314	309	82	93	NE	3	NE	†	†	0.10	0.5	24	39	Dull to drizzling.	
8	29.84	29.90	50.6	49.6	53.0	46.5	1.2	0.6	338	340	92	96	NW	2	W	†	†	0.10	0.5	24	39	0 a. and p. Fine.	
9	29.99	30.04	51.0	51.5	60.9	39.3	1.9	1.9	326	331	87	87	NE	1	NE	†	†	0.10	0.5	24	39	= n. Fine. U p.	
10	30.13	30.13	52.9	46.4	58.1	46.2	4.4	2.1	290	267	72	85	NE	5	NE	†	†	0.10	0.5	24	39	Fine.	
11	30.13	30.13	52.9	46.4	58.1	46.2	4.4	2.1	290	267	72	85	NE	5	NE	†	†	0.10	0.5	24	39	Fine.	
12	30.09	29.98	49.4	53.0	64.0	45.3	1.0	1.2	327	381	93	92	NE	2	NE	†	†	0.10	0.5	24	39	Fine.	
13	29.92	29.86	52.5	57.7	62.0	48.8	1.0	1.0	368	447	93	94	SE	1	SE	†	†	0.10	0.5	24	39	Fine.	
14	29.90	30.01	57.3	56.2	64.5	54.2	1.0	1.5	439	410	93	90	SE	1	SE	†	†	0.10	0.5	24	39	Dull, close, and misty.	
15	30.13	30.13	57.0	55.0	58.8	53.1	4.0	2.7	351	357	75	83	SE	3	SE	†	†	0.10	0.5	24	39	Fine.	
16	30.05	30.01	55.5	53.7	61.0	53.3	3.8	1.9	338	360	76	88	SE	4	NE	†	†	0.10	0.5	24	39	Dull and overcast.	
17	29.97	30.00	55.1	52.2	64.0	53.3	3.0	1.6	351	348	81	89	SE	3	SE	†	†	0.10	0.5	24	39	Dull to fine.	
18	29.99	29.96	51.2	58.2	66.0	47.2	1.1	2.8	348	398	83	82	NE	1	NE	†	†	0.10	0.5	24	39	0 a. Fine. = 2 n.	
19	29.88	29.88	51.0	58.2	66.0	47.2	1.1	2.8	348	398	83	82	NE	1	NE	†	†	0.10	0.5	24	39	0 a. Fine. = 2 n.	
20	29.88	29.88	51.0	58.2	66.0	47.2	1.1	2.8	348	398	83	82	NE	1	NE	†	†	0.10	0.5	24	39	0 a. Fine. = 2 n.	
21	29.46	29.46	50.0	55.3	62.4	58.0	1.6	1.7	468	435	90	89	SE	3	SW	†	†	0.10	0.5	24	39	0 showers p.	
22	29.46	29.46	50.0	55.3	62.4	58.0	1.6	1.7	468	435	90	89	SE	3	SW	†	†	0.10	0.5	24	39	0 showers 18 h.-19 h. 30 m.	
23	29.59	29.59	51.0	54.0	58.8	52.7	1.9	3.1	391	332	87	79	SW	5	SW	†	†	0.10	0.5	24	39	0 a. Distant T < 20 h. 45 m.	
24	29.59	29.59	51.0	54.0	58.8	52.7	1.9	3.1	391	332	87	79	SW	5	SW	†	†	0.10	0.5	24	39	0 12 h. 45 m.-13 h. 45 m.	
25	29.59	29.59	51.0	54.0	58.8	52.7	1.9	3.1	391	332	87	79	SW	5	SW	†	†	0.10	0.5	24	39	0 12 h. 45 m.-13 h. 45 m.	
26	29.59	29.59	51.0	54.0	58.8	52.7	1.9	3.1	391	332	87	79	SW	5	SW	†	†	0.10	0.5	24	39	0 12 h. 45 m.-13 h. 45 m.	
27	29.59	29.59	51.0	54.0	58.8	52.7	1.9	3.1	391	332	87	79	SW	5	SW	†	†	0.10	0.5	24	39	0 12 h. 45 m.-13 h. 45 m.	
28	29.59	29.59	51.0	54.0	58.8	52.7	1.9	3.1	391	332	87	79	SW	5	SW	†	†	0.10	0.5	24	39	0 12 h. 45 m.-13 h. 45 m.	
29	29.59	29.59	51.0	54.0	58.8	52.7	1.9	3.1	391	332	87	79	SW	5	SW	†	†	0.10	0.5	24	39	0 12 h. 45 m.-13 h. 45 m.	
30	29.59	29.59	51.0	54.0	58.8	52.7	1.9	3.1	391	332	87	79	SW	5	SW	†	†	0.10	0.5	24	39	0 12 h. 45 m.-13 h. 45 m.	
31	29.59	29.59	51.0	54.0	58.8	52.7	1.9	3.1	391	332	87	79	SW	5	SW	†	†	0.10	0.5	24	39	0 12 h. 45 m.-13 h. 45 m.	
M.	29.822	29.832	51.7	50.8	58.1	45.7	2.7	1.9	320	328	82	87	2.8	2.6	5.9	4.3	4.284	112	39.8				

FALMOUTH, CORNWALL, a.e.—OCTOBER 1911.

Heights above Mean Sea Level:—Station, H=167 ft.; Barometer, H_b=183 ft. Heights above Ground:—Therms., h_t=4 ft. Rain-gauge, h_r=2 ft.
Long 5° 4' W. Lat. 50° 9' N. Gravity Correction, +.013 in. Time, Greenwich mean time.

1	30.21	30.18	50.9	49.8	53.8	47.9	5.9	4.9	237	246	63	69	N	12	N	7	7	10 h.	22 h.	10 h.	—	Cloudy a. Bright p.
2	29.97	29.75	51.0	50.0	56.9	46.1	0.8	1.8	353	314	94	87	—	1	NNW	6	3	9	—	36	1.9	Dull.
3	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	69	NE	10	NNE	8	5	9	—	—	6.5	0 early a. Bright afternoon.
4	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	80	N	6	N	11	6	10	—	11	4.5	0 showers midday.
5	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	72	NNE	15	N	11	6	10	—	10	5.3	Bright a. Gloomy afternoon.
6	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	80	NE	10	NE	8	9	0	—	04	4.3	0 showers a.
7	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	86	N	5	—	2	4	2	—	—	3.7	Intermittent sunshine.
8	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	74	N	4	NE	9	10	10	—	—	7.4	Fine and sunny.
9	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	74	NE	12	NE	9	10	0	—	—	4.8	Overcast a. Bright p.
10	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	74	NE	12	E	13	2	9	—	2.2	Bright early a. Gloomy after.	
11	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	78	SE	10	SE	7	5	9	—	5.5	Sunny a. Cloudy p.	
12	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	95	SE	4	—	2	1	0	—	01	9.4	Bright and warm.
13	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	97	SE	4	—	3	10	10	0	—	—	Dull and overcast. Damp mid.
14	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	97	E	10	ESE	6	10	10	—	16	—	Dull. 10 h. 50 m. 11 h. 40 m.
15	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	85	E	15	E	11	3	10	—	—	3.4	Bright to fair.
16	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	97	E	11	E	11	3	10	—	—	—	Overcast and gloomy.
17	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	98	E	10	SE	7	10	0	—	02	—	Dull. Damp air.
18	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	93	E	10	SE	5	10	10	—	01	—	Dull and overcast.
19	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	95	SE	8	SE	4	5	5	—	24	1.1	Overcast. 15 h. 16 h.
20	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	88	SW	15	S	12	2	9	—	78	3.0	Sunny early a. 16 h. 17 h.
21	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	94	S	9	S	10	7	0	—	21	6.7	0 early a. 16 h. 17 h.
22	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	81	SW	23	W	16	10	6	—	21	2.2	Squally, with 0 showers.
23	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	89	W	10	SW	8	5	10	—	40	5.7	Gusty, with 0 showers.
24	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	90	SW	15	W	7	8	0	—	17	0.2	0 early a. Damp and raw.
25	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	92	W	10	W	7	10	0	—	41	4.7	Sunny intervals.
26	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	81	SW	18	W	10	2	0	—	23	6.0	Stormy and unsettled.
27	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	93	W	5	SE	5	9	0	—	18	1.0	Stormy, with 0 showers.
28	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	80	NNE	10	—	2	2	0	—	03	8.4	Beautifully fine and bright.
29	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	93	SW	7	SW	24	10	7	—	33	—	Stormy, with 0.
30	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	76	SSW	25	WNW	7	10	0	—	18	—	Stormy, with 0 a.
31	29.55	29.79	48.7	49.9	54.4	46.0	2.5	4.7	284	250	82	84	W	8	W	8	4	4	—	01	7.0	Fair to bright.
M.	29.688	29.714	52.5	52.4	56.5	49.1	2.2	2.3	343	340	86	85	10	8	6.4	4.9	4.20	110	—	—	—	—

* Miles per hour.

† Beaufort Scale (0-12).

ARMAGH, a.—OCTOBER 1911.

Heights above Mean Sea Level:—Station, H=196 ft.; Barometer, H_b=202 ft. Heights above Ground:—Therms., h_t=4 ft. Rain-gauge, h_r=1 ft.
Long. 6° 39' W. Lat. 54° 21' N. Gravity Correction, +.025 in. Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.					
							Dep. of Wet.	Vapour Pressure.	Percentage.														
											9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.	9 h.	21 h.		
1	ins.	ins.	49.0	46.0	52.1	38.8	4.8	3.0	in.	in.	%	%	—	*	—	*	ins.	hrs.	°				
2	30.23	30.07	49.0	46.0	52.1	38.8	4.8	3.0	239	244	68	79	—	2	—	2	10	2.4	31	Fine.			
3	29.94	29.66	50.2	45.5	53.3	43.9	1.4	1.0	327	282	91	93	—	2	NW	4	10	100	1.57	41	Overcast.		
4	29.87	29.97	48.0	44.7	55.0	41.5	2.5	2.7	274	236	83	80	NE	7	—	0	8	0	—	7.4	36	Fine.	
5	30.00	30.02	50.1	50.0	55.0	37.0	4.7	1.7	252	317	69	88	NNE	5	—	2	9	0	—	5.2	30	Fine.	
6	29.91	29.91	47.0	51.2	54.1	39.1	1.2	1.7	293	333	92	89	—	1	—	3	10	9	—	—	31	Overcast.	
7	30.00	30.00	51.0	42.0	56.2	42.0	2.9	1.2	301	241	81	91	NE	6	—	1	10	0	0.05	4.7	38	Fine.	
8	29.84	29.76	48.0	45.7	52.3	40.2	0.4	1.7	325	268	97	88	—	0	—	2	10	0	—	—	32	Overcast.	
9	29.90	30.07	51.6	42.7	58.0	42.7	2.3	1.0	323	252	84	92	—	0	—	0	7	2	—	3.0	40	Fine.	
10	30.19	28.28	46.0	39.6	50.7	39.5	1.0	2.0	287	204	93	84	—	2	—	0	10	7	0.05	0.4	31	Mostly overcast.	
11	36	31	46.8	39.7	54.7	33.9	2.0	1.7	273	210	86	86	—	1	—	2	10	0	—	5.1	28	Fine.	
12	30.24	30.05	37.5	45.7	56.0	29.0	0.5	1.6	214	270	95	89	—	1	—	2	0	8	—	4.1	26	Fine.	
13	29.90	29.81	42.8	47.5	55.9	32.4	0.0	2.0	275	281	100	86	—	0	—	1	10	10	0.0	29	Mostly overcast.		
14	77	70	52.0	49.0	60.7	42.3	0.9	1.9	304	300	94	87	—	2	—	1	10	9	—	0.6	38	Very mild.	
15	29.92	29.92	54.1	51.3	58.0	44.0	1.0	1.3	390	344	93	91	—	2	E	4	10	9	—	0.5	37	Very mild.	
16	30.09	30.09	55.0	51.5	56.0	50.0	2.3	3.8	367	287	85	75	NE	4	NE	4	8	10	0.55	1.7	45	Mostly cloudy.	
17	30.02	29.97	51.8	52.1	53.3	51.0	1.8	2.1	338	334	87	85	E	5	E	8	10	0	—	4.8	40	Overcast.	
18	29.91	29.91	48.5	54.8	52.0	59.9	49.1	2.8	3.1	351	308	82	79	NE	4	NE	4	8	9	—	4.8	43	Fine.
19	80	79	57.8	51.5	63.3	49.3	2.9	1.9	394	331	82	87	SE	8	—	2	2	8	12.5	4.3	43	Fine.	
20	67	56	53.2	55.2	61.5	51.5	0.2	0.4	400	425	99	98	—	3	ESE	6	10	100	2.37	0.5	46	Misty.	
21	28.89	29.33	55.0	54.5	62.0	54.5	1.1	3.8	400	323	92	76	SSE	7	SE	11	100	10	4.70	1.6	52	showers a. Fine p.	
22	28.74	28.74	54.6	49.2	57.1	49.2	1.4	2.0	386	301	90	86	SE	21	SE	13	100	10	0.75	2.8	53	early a. Fine p.	
23	29.23	29.01	52.5	45.2	53.9	45.2	1.0	0.2	368	297	93	99	—	2	—	2	10	8	0.90	—	41	Overcast.	
24	11	18	50.0	45.5	53.0	45.2	2.2	1.5	304	270	85	80	SW	9	SW	7	8	9	—	2.1	42	Mostly overcast.	
25	29.03	29.06	41.0	38.7	54.3	38.7	1.3	2.0	270	197	90	85	SSW	4	—	3	2	0	0.07	6.0	38	Fine.	
26	28.74	28.74	42.8	50.0	55.0	35.0	1.3	1.1	229	251	90	92	SW	4	—	0	0	10	—	4.0	31	Fine.	
27	28.91	29.33	44.2	40.7	46.9	39.8	1.2	0.8	243	327	90	93	ESE	5	—	1	10	10	4.05	—	34	till 14 h.	
28	29.68	29.44	39.8	45.9	49.9	37.7	1.7	2.3	255	201	88	82	NE	7	NE	4	10	0	—	35	Overcast till 18 h.		
29	61	84	34.7	33.5	48.1	29.7	3.0	3.0	144	133	72	69	—	2	N	4	0	0	0.55	6.9	20	Very fine.	
30	18	27	44.6	54.8	54.8	33.3	1.0	0.3	272	422	93	98	S	14	SW	19	10	10	7.48	—	26	from 13 h.	
31	29.55	29.50	44.6	40.5	54.0	40.0	1.6	1.5	258	220	88	88	WSW	5	SW	13	100	7	2.37	2.3	44	Stormy and squally.	
M.	29.66	29.62	48.4	46.1	54.8	41.4	1.8	1.8	301	275	87	87	SW	11	WSW	5	9	3	—	6.2	37	Fine.	

DUBLIN (PHOENIX PARK), a.—OCTOBER 1911.

Heights above Mean Sea Level:—Station, H=155 ft.; Barometer, H_b=159 ft. Heights above Ground:—Therms., h_t=4 ft.; Rain-gauge, h_r=1 ft.
Long. 6° 21' W. Lat. 53° 22' N. Gravity Correction, +0.22 in. Time, Dublin mean time.

Day.	Barometer at 32° Faht. at Level and Latitude of Station.		Air Temperature.				Humidity.			Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
							Dep. of Wet.	Vapour Pressure.	Percentage.								
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	
1	ins.	ins.	46.5	45.2	57.1	36.3	3.7	2.3	234	249	75	83	—	3	—	—	Fine, but cloudy.
2	30.28	30.17	46.5	45.2	57.1	36.3	3.7	2.3	234	249	75	83	—	3	—	—	• 0 h.-3 h. Dull.
3	30.00	29.75	50.0	49.7	54.8	43.0	1.5	1.8	322	277	90	81	WNW	5	W	6	• 0 h.-3 h. Dull. Clear n.
4	29.84	29.99	49.9	43.1	53.4	41.1	3.1	2.5	284	225	80	81	NE	11	NNW	6	Fine, but cloudy.
5	30.02	30.04	48.2	44.3	53.4	38.3	4.1	1.5	243	258	73	88	N	6	—	1	Fine and bright.
6	29.96	30.01	50.7	52.0	55.5	43.5	3.4	2.1	286	333	78	85	N	6	—	2	Fine, but cloudy.
7	30.03	30.01	53.6	52.3	55.1	49.6	4.5	2.6	294	325	72	82	ENE	7	NE	6	• 0 h.-4 h. Dull.
8	29.90	29.84	50.5	47.8	58.6	39.4	0.4	0.8	355	314	97	94	—	1	—	3	Dull. Cloudy n.
9	29.94	30.08	49.6	46.2	57.7	43.4	1.5	0.9	317	292	90	94	—	0	NE	4	Fine and bright.
10	30.21	29.91	51.1	47.1	53.2	45.7	4.9	4.2	258	230	69	71	NE	7	—	3	Dull.
11	30.40	30.11	51.1	34.5	53.9	33.8	5.9	0.3	239	194	63	97	E	6	—	0	(7 h. Fine. Clear n.
12	30.29	30.11	50.0	40.8	50.4	33.5	1.5	0.7	322	239	90	95	—	0	—	0	Fine, but cloudy.
13	29.95	29.87	48.8	52.6	56.6	33.9	0.4	0.8	335	375	97	95	—	0	—	0	Very dull. Cloudy n.
14	30.80	30.75	55.0	46.4	59.7	44.1	1.2	0.3	397	308	92	98	E	4	—	0	• 21 h.-30 m.-mid.
15	29.81	29.91	52.6	55.4	58.9	44.8	0.2	0.7	392	410	99	96	—	0	—	1	• 27 h.-8 h. 50 m. • 9 h.-11 h.
16	30.11	30.09	54.8	55.4	56.2	52.1	1.3	3.9	393	334	92	76	E	6	E	10	Overcast.
17	30.03	29.99	53.6	52.2	59.8	51.7	2.6	2.1	339	355	82	86	E	10	E	10	Overcast.
18	29.94	29.87	53.8	52.8	58.9	50.0	1.7	0.9	366	374	88	93	E	6	—	3	Fine, but cloudy.
19	29.86	29.80	57.7	55.4	63.4	50.0	2.8	0.6	395	422	82	92	E	4	—	2	Fine, but cloudy.
20	29.71	29.68	55.8	55.8	60.4	53.2	1.0	0.6	464	428	95	95	E	5	—	2	• 0 h.-5 h. Dull, with •
21	29.52	29.38	56.1	56.2	63.0	53.3	1.3	1.5	412	408	91	99	—	1	SE	5	• 6 h. 20 m.-7 h. and from 21 h.
22	28.94	28.82	53.6	53.8	59.3	51.7	2.1	3.6	353	317	86	76	SE	11	SE	7	• 6 h. 20 m.-7 h. and from 21 h.
23	28.73	29.10	52.8	47.8	60.0	43.1	2.7	0.8	328	312	82	94	—	0	WSW	5	• 6 h. 20 m.-7 h. and from 21 h.
24	29.34	29.31	48.5	47.8	55.3	46.7	2.7	2.4	277	274	82	83	SW	6	SW	8	Cloudy, with • showers.
25	29.18	29.12	49.0	42.4	54.4	42.0	2.1	1.4	296	241	85	89	—	0	—	3	Dull. • 10 h.
26	29.10	29.12	44.3	44.2	51.5	33.6	2.5	0.5	237	279	81	97	—	3	—	2	• showers 6 h. 30 m.-7 h. 15 m.
27	28.75	28.81	45.1	42.9	47.6	35.0	0.5	1.5	288	244	96	88	ESE	5	SW	6	• 15 h.-15 h. 30 m. • 18 h.
28	28.91	29.28	37.9	47.2	48.9	29.3	0.2	5.3	223	210	68	65	—	0	ENE	8	• 9 h.-13 h. • showers p. (20 h.)
29	29.71	28.88	40.6	27.1	47.6	25.9	2.1	0.3	211	138	84	93	NE	5	—	0	Cloudy, with • showers.
30	29.74	29.45	50.2	56.7	58.5	25.0	2.3	1.5	305	415	84	90	S	6	SW	18	Beautiful day.
31	29.72	29.84	46.4	42.1	51.0	39.6	2.1	1.9	267	228	85	85	WSW	9	WSW	7	• 6 h.-8 h. 30 m. • showers.
M.	29.713	29.719	50.3	47.6	56.1	41.7	2.2	1.7	315	297	86	88	—	5	—	4	Fine.

LIMERICK (MUNGRET COLLEGE), †.—OCTOBER 1911.

Heights above Mean Sea Level:—Station, H=47 ft.; Barometer, H_b=50 ft. Heights above Ground:—Therms., h_t=4 ft.; Rain-gauge, h_r=1 ft.
Long. 8° 41' W. Lat. 52° 38' N. Gravity Correction, +0.20 in. Time, Dublin mean time.

Day.	Barometer at 32° Faht. at Level and Latitude of Station.		Air Temperature.				Humidity.			Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
							Dep. of Wet.	Vapour Pressure.	Percentage.								
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	
1	30.47	30.28	45.0	48.0	53.0	37.2	0.9	0.6	277	319	93	96	Calm	0	S	†	Wet = 4 all day.
2	30.18	29.93	52.2	49.5	56.4	46.2	2.8	3.2	318	277	81	78	Calm	0	W	2	
3	30.03	30.15	49.4	42.3	55.2	40.1	2.5	1.1	292	246	83	92	W	5	Calm	0	
4	29.80	29.90	48.2	49.1	54.0	36.9	3.0	0.2	265	344	79	98	N	3	N	9	
5	29.72	29.72	51.3	53.0	55.4	48.3	3.1	1.1	301	371	79	92	Calm	0	NNW	2	
6	30.10	30.11	49.7	47.5	58.0	46.6	1.7	0.9	313	306	88	93	NE	3	NE	3	
7	30.03	29.96	42.0	47.5	50.1	40.1	0.8	0.0	249	329	94	100	Calm	0	Calm	0	
8	30.18	30.18	48.2	47.3	57.2	43.2	0.3	0.6	330	312	98	96	NE	2	NE	3	
9	29.88	29.88	49.0	41.0	58.0	40.2	1.1	2.6	332	204	92	80	NE	2	NE	2	
10	29.47	29.45	46.7	39.8	54.8	35.1	2.2	0.7	268	230	85	95	NE	2	NE	2	
11	29.33	29.37	45.6	49.7	54.0	36.8	0.8	1.2	288	326	94	92	NE	2	Calm	0	
12	30.02	29.93	50.8	50.1	61.1	42.7	0.8	0.3	351	355	94	98	NE	2	NE	2	
13	29.83	29.79	56.8	56.0	62.0	49.9	1.0	1.0	432	419	94	93	E	2	SE	4	
14	29.88	29.96	56.0	56.6	61.7	53.4	0.8	0.7	425	348	94	95	E	2	E	2	
15	30.13	30.14	57.7	53.1	60.2	53.0	1.8	2.7	423	331	88	81	NE	3	NE	2	
16	30.04	30.03	53.9	52.9	56.3	52.1	2.6	2.1	343	344	83	87	NE	2	NE	3	
17	29.99	29.90	53.1	55.0	62.0	51.9	1.3	2.2	368	370	91	86	NE	2	E	4	
18	29.89	29.86	57.2	57.2	61.2	53.1	2.4	1.3	397	429	85	91	NW	3	E	3	
19	29.75	29.62	58.0	57.6	63.4	54.9	1.1	1.2	448	438	92	92	SE	2	E	4	
20	29.60	29.33	56.1	58.3	58.7	50.7	1.4	1.9	410	429	90	87	SW	2	SE	5	
21	29.00	28.74	51.0	50.7	58.3	49.3	0.9	0.8	351	350	94	94	SE	4	S	7	
22	28.88	29.32	53.2	52.7	57.5	48.2	2.1	1.3	347	362	86	91	W	4	W	5	
23	29.49	29.43	50.5	46.3	55.9	46.1	1.0	1.2	342	285	93	92	SW	2	S	3	
24	29.30	29.27	47.8	37.1	54.3	35.6	0.9	0.1	311	219	93	99	S	2	Calm	0	
25	29.24	29.26	38.7	42.7	54.0	29.8	1.5	0.7	266	259	88	94	SE	1	SW	2	
26	28.86	28.93	47.1	40.6	52.9	37.6	0.8	0.6	305	260	94	95	W	2	S	2	
27	28.94	29.36	41.4	45.0	48.9	35.1	0.6	1.5	249	264	95	89	E	2	NE	6	
28	28.82	30.01	38.1	32.5	50.2	32.0	1.1	0.3	207	179	90	97	NE	2	Calm	0	
29	29.82	29.59	51.0	57.7	57.7	31.8	0.9	0.7	351	455	94	95	SW	7	SW	7	
30	29.51	29.89	46.8	43.4	57.7	39.5	1.8	2.2	277	234	87	83	W	2	W	3	
31	29.91	30.05	47.0	43.0	52.8	41.9	0.5	1.0	311	255	97	92	W	2	SW	2	
M.	29.814	29.817	49.7	48.5	56.5	43.2	1.4	1.2	325	320	90	92	—	2.2	—	2.7	

* Miles per hour.

† Beaufort Scale (0-12).

‡ This Station takes the place of Birr Castle. The daily values for January, February, and March will be published at the end of the year.

DAILY READINGS AT STATIONS OF THE FIRST AND SECOND ORDERS, 1911.

DEERNES, ORKNEY, a.b.—NOVEMBER 1911.

Heights above Mean Sea Level:—Station, H=160 ft.; Barometer, H_b=163 ft. Heights above Ground:—Therms., h_t=4 ft.; Rain-gauge, h_r=1 ft.
Long. 2° 45' W. Lat. 58° 56' N. Gravity Correction, +0.36 in. Time, Greenwich mean time.

Day.	Barometer at 32° Faht. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.				
							Dep. of Wet.		Vapour Pressure.										Percentage.			
							9 h.	21 h.	9 h.	21 h.										9 h.	21 h.	
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.						
1	ins.	ins.	41.6	47.6	47.7	38.5	5.0	2.7	171	267	66	81	—	*	*		ins.	hrs.				
2	29.62	29.31	41.6	47.6	47.7	38.5	5.0	2.7	171	267	66	81	—	*	*		07	11	—			
3	17	29.16	44.9	43.6	48.2	40.5	3.0	2.0	233	241	78	85	S	2	S	26	6	10	Very fine a. • showers p.			
4	29.15	28.77	47.3	41.8	49.5	40.3	1.7	3.2	285	202	88	77	S	26	SW	32	1	9	Fine a. • showers after 20 h.			
5	28.63	82	41.7	43.7	48.2	36.3	0.9	2.5	246	231	93	81	SW	37	S	18	8	1000	14 h.-15 h.			
6	27.98	28.57	43.6	41.4	46.5	41.0	1.2	2.0	257	220	90	85	SSW	22	WNW	22	100	2	07	n. and a. 10 h.-16 h.		
7	28.90	29.10	40.6	40.6	43.5	39.1	1.2	1.6	227	219	90	87	W	6	W	17	4	7	07	• showers.		
8	28.81	05	39.6	44.7	44.7	36.5	2.8	3.1	190	229	78	77	WSW	12	SE	23	4	8	13	Fair a. • showers p.		
9	29.29	48	39.6	44.7	44.7	36.5	2.8	3.1	190	229	78	77	WSW	12	SE	23	4	8	13	▲ showers p. ☐		
10	61	64	38.6	42.6	43.6	38.8	2.2	2.5	216	195	84	80	S	24	SE	10	5	2	—	Fair all day.		
11	64	36	43.4	42.6	43.6	37.2	2.6	2.0	185	231	79	85	—	2	E	9	5	10	055	• showers after 16 h.		
12	38	56	41.1	41.6	40.5	40.1	2.8	3.2	222	216	79	82	NE	9	E	7	6	2	—	Fine p.		
13	13	43	40.4	41.1	46.5	39.8	3.2	3.2	202	194	77	76	E	8	E	11	6	2	16	3.6	• showers noon-17 h.	
14	65	52	44.0	44.0	45.5	41.1	2.6	2.2	234	240	80	83	E	26	E	30	6	9	03	—	• showers a. and p.	
15	29.37	28.96	44.9	48.1	48.3	42.3	2.2	0.8	245	316	83	94	SSW	14	SE	7	8	100	36	0.1	1 h.-2 h. • showers.	
16	28.96	28.91	49.6	43.4	50.5	43.3	0.0	0.8	350	264	100	94	—	2	NE	23	10	32	215	—	Fine a. • from 20 h.	
17	99	88	34.3	34.4	43.9	31.2	1.6	2.6	107	149	84	75	NE	15	NE	5	10	8	06	—	• a., then =.	
18	76	76	33.3	37.9	43.9	31.3	2.7	3.2	155	170	75	75	SE	6	N	15	7	1	07	2.2	• a., * showers p. ☒	
19	28.92	29.18	38.8	41.6	43.5	35.5	4.0	1.2	164	238	70	91	N	10	NNE	24	3	100	43	4.4	56. Fine a. • showers p.	
20	29.35	39	39.6	42.4	46.7	39.3	1.1	2.6	272	217	92	81	NE	9	NNE	29	100	4	035	—	Fair till 16 h. then • showers.	
21	32	39	39.6	35.6	43.3	32.5	4.0	3.0	169	153	70	73	N	28	NNW	28	6	3	08	0.6	• showers N. Dry p.	
22	52	69	38.6	39.6	42.7	33.3	3.0	4.0	178	169	77	70	N	26	N	26	2	1	055	3.3	▲ showers after 14 h.	
23	29.86	29.86	39.6	37.9	40.9	37.8	1.8	1.7	199	195	85	86	N	19	N	13	4	5	025	3.6	▲ showers n. ▲ p.	
24	30.00	30.00	36.7	36.6	40.2	36.3	1.4	2.0	191	180	88	83	W	4	—	0	7	0	04	—	Fair a. • showers p.	
25	29.98	39.2	40.6	41.0	34.9	3.5	2.4	174	205	74	82	—	2	SE	12	8	10	—	0.3	Very fine a. and p.		
26	30.13	30.15	41.6	41.3	44.7	39.9	2.9	3.7	207	217	79	73	SE	16	SE	18	9	10	—	—	Cold and dry a. Dull p.	
27	30.03	29.63	37.2	42.6	45.3	37.5	2.3	2.7	216	206	82	79	SE	16	E	12	8	8	08	0.9	Fine all day.	
28	30.93	30.93	41.6	41.3	44.7	39.9	2.9	3.7	207	217	79	73	SE	16	E	12	8	100	13	—	▲ a. • after 19 h.	
29	30.80	29.71	43.6	42.6	43.5	37.5	2.0	1.9	196	233	84	86	S	21	S	23	10	7	135	1.2	∞ a. Fine p.	
30	29.66	29.71	44.6	45.3	40.5	2.1	1.8	240	254	84	86	W	12	S	18	2	8	—	4.9	—	• showers n. Fine a. and p.	
M.	29.340	29.364	41.4	41.9	45.4	38.2	2.3	2.2	217	222	82	83	SSE	35	S	19	1000	900	—	—	—	11 h. Mammalated clouds.

FORT WILLIAM, INVERNESS-SHIRE, a.—NOVEMBER 1911.

Heights above Mean Sea Level:—Station, H=171 ft.; Barometer, H_b=49.8 ft. Heights above Ground:—Therms., h_t=4 ft.; Rain-gauge, h_r=1 ft.
Long. 5° 7' W. Lat. 56° 49' N. Gravity Correction, +.031 in. Time, Greenwich mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.	
							Dep. of Wet.		Vapour Pressure.										Percentage.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	hrs.		Min.
1	ins.	ins.	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	8.0	100	76	Squally, with after 11 h. Snow
2	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
3	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
4	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
5	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
6	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
7	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
8	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
9	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
10	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
11	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
12	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
13	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
14	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
15	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
16	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
17	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
18	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
19	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
20	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
21	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
22	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
23	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
24	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
25	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
26	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
27	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
28	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
29	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
30	29.85	29.53	40.0	49.0	49.1	39.0	1.0	1.3	235	92	91	SW	2	SW	6	100	100	76	at intervals. ≤ 10 h. (on hills)
M.	29.524	29.537	39.7	40.2	44.8	35.5	1.8	1.9	211	215	85	85	2.7	2.8	7.2	7.2	11.25	—	Squally, with showers.

DUNDEE, FORFARSHIRE, c.d.—NOVEMBER 1911.

Heights above Mean Sea Level:—Station, H=160 ft.; Barometer, H_b=164 ft. Heights above Ground:—Therms., h_t=3.8 ft.; Rain-gauge, h_r=1 ft.
Long. 2° 56' W. Lat. 56° 28' N. Gravity Correction, +.030 in. Time, Greenwich mean time.

1	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	13	—	—	Dull, with ● from 17 h.
2	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	09	—	—	● 14 h. 30 m. -15 h. 30 m.
3	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	09	—	—	● 15 h. -19 h.
4	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	09	—	—	from 12 h. ● till 12 h.
5	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	08	—	—	● till 12 h. then ● till 12 h.
6	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	08	—	—	● till noon. ● from 17 h.
7	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	08	—	—	Cloud and sunshine till 16 h.
8	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	03	—	—	Dull, except from 10 h. -13 h.
9	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	13	—	—	Dull, except from 10 h. -13 h.
10	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	04	—	—	Cloud and sunshine 8h. -10 h.
11	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	04	—	—	● 10 h. -16 h.
12	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	01	—	—	Fine 10 h. -16 h.
13	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	12	—	—	● 15 h. -n.
14	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	12	—	—	Fine day.
15	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	09	—	—	≡ ⁰ from 15 h. ● 18 h. -20h. 30m.
16	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	09	—	—	from 17 h.
17	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	15	—	—	● 10 h. -12 h. and 17 h. -18 h.
18	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	17	—	—	● 11 h. -n.
19	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	34	—	—	Cloud and sunshine 10 h. -13 h.
20	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	17	—	—	● 12 h. -17 h.
21	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	10	—	—	Fine till 12 h., then dull.
22	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	10	—	—	≡ ⁰ 12 h. -n. ≡ ⁰ 10 h. -16 h.
23	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	04	—	—	Cloud and sunshine till 14 h.
24	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	04	—	—	Cloud and cloudiness. [18 h. -19 h.]
25	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	17	—	—	Dull and cloudy.
26	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	17	—	—	Dull. ● 15 h. -n.
27	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	28	—	—	Dull. ● 8 h. -n.
28	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	01	—	—	Mostly dull and cloudy.
29	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	01	—	—	≡ ⁰ at times till 12 h.
30	29.75	29.52	40.0	47.4	49.8	36.5	2.0	2.4	207	270	84	83	W	1	SW	5	5	10●	02	—	—	Dull. ● 16 h. 30 m. -18 h.
M.	29.411	29.412	40.4	40.2	45.5	36.0	1.5	1.3	221	226	88	90	2.7	2.8	8.2	8.7	2.82	—	—	—	—	—

† Beaufort Scale (0-12).

GLASGOW, LANARKSHIRE, a.—NOVEMBER 1911.

Heights above Mean Sea Level:—Station, H=180 ft.; Barometer, H_b=184 ft. Heights above Ground:—Therms., h_t=7 ft.; Rain-gauge, h_r=2 ft.
Long. 4° 18' W. Lat. 55° 53' N. Gravity Correction, +.029 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.					
							Dep. of Wet.		Vapour Pressure.										Percentage.				
							9 h.	21 h.	9 h.	21 h.									9 h.	21 h.	9 h.	21 h.	
1	ins.	ins.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	ins.	hrs.	°				
29.73	29.49	43.9	47.6	50.1	40.4	1.5	0.9	254	308	88	94	—	3	S	15	5	100	376	2.8	31	Fine a. ° 19 h. -midt.		
2	42	44	40.4	44.3	48.9	42.9	2.9	2.0	251	247	81	84	SW	10	WSW	8	9	6	206	—	39	° 14 h. 30 m. -17 h. 30 m.	
3	34	29.06	47.7	46.2	51.5	43.5	3.0	2.4	261	259	80	84	W	26	SSW	13	5	100	788	—	37	° 10 h. -midt.	
4	28.88	28.88	45.9	45.9	48.8	47.4	4.8	0.9	210	288	68	94	W	26	SSW	13	5	100	367	0.7	33	° 2 showers all day.	
5	28.42	28.94	40.9	43.8	52.9	40.4	6.6	3.1	187	220	58	76	SW	40	W	22	100	10	620	—	40	9 h. -12 h. ° 2. ▲.	
6	29.12	29.40	41.6	41.8	45.6	39.3	1.2	2.6	238	213	91	81	SW	11	W	11	90	4	404	1.7	37	° 2 h. 40 m. -14 h. 15 m. ~ 9 h.	
7	38	28.95	41.9	46.2	48.1	40.3	1.2	1.3	241	283	92	91	W	7	S	14	100	100	362	0.8	36	° 2 h. -10 h. and 18 h. -midt. (° 10 h.	
8	39	30.4	29.08	37.3	38.2	46.8	37.3	0.9	2.2	205	188	93	82	W	12	S	8	100	7	010	—	15	° 1 showers.
9	19	40	35.9	33.9	39.9	33.3	1.2	1.2	190	171	90	87	E	7	—	2	10	4	—	1.1	28	Cloudy a., then fine.	
10	53	57	33.0	37.3	43.9	30.1	0.5	1.4	177	195	94	88	—	2	—	2	10	4	—	1.7	15	Fine midday. —	
11	57	43	32.1	39.0	42.1	32.1	0.3	0.8	176	222	96	94	—	1	E	5	3	100	—	0.4	17	° all day. —	
12	15	28.98	40.4	43.7	44.6	36.3	1.0	1.3	218	256	87	89	E	10	NE	7	10	10	010	—	30	° shower 14 h. 20 m. Dull.	
13	30	30	43.9	43.4	48.8	40.5	2.4	2.0	236	238	82	84	W	11	SW	8	3	4	068	4.0	39	Fine. ° shower 22 h.	
14	61	60	47.9	53.5	54.7	42.1	0.9	1.3	310	373	94	90	SSW	8	SW	15	10	10	347	—	36	° a. and p. Overcast.	
15	29.37	29.37	49.8	46.4	53.0	40.5	3.1	0.5	282	304	80	96	SE	4	ESE	4	100	100	266	—	48	° 15 h. 20 m. -23 h.	
16	28.88	28.93	48.2	45.4	50.9	40.3	0.5	0.5	325	230	97	76	SW	11	SW	19	100	7	363	0.9	43	° 9 h. 25 m. and noon-18 h.	
17	83	71	41.9	36.9	45.8	36.5	0.9	1.3	261	194	93	89	NE	7	NE	10	100	100	384	—	35	° shower 19 h.	
18	73	29.73	36.4	36.6	41.0	35.3	3.0	2.9	161	165	75	76	N	4	—	3	5	2	—	1.0	30	° 3 h. -5 h. 40 m. ° shower	
19	28.79	29.07	41.7	44.0	45.6	36.0	2.9	3.8	206	209	79	72	N	4	N	9	10	2	007	—	33	Overcast a. Clear evening.	
20	37	42	50	39.3	36.7	44.3	35.5	4.1	4.0	165	147	69	68	N	5	N	9	3	7	—	5.0	30	Fine. Cloudy evening.
21	44	38	32.8	35.8	40.1	31.4	2.0	2.8	145	158	78	75	N	7	N	2	4	0	—	4.1	20	Fine. Cloudy noon.	
22	81	89	38.3	37.7	42.1	35.1	3.8	2.3	171	175	72	81	N	6	NNE	4	7	1	—	3.0	19	Cloudy a., then fine.	
23	93	92	38.1	37.4	42.4	36.1	1.9	1.1	194	202	84	91	NE	6	NE	8	8	3	005	2.1	26	° shower 16 h. Fine midday.	
24	29.94	29.94	38.4	41.7	42.3	36.9	0.6	2.6	197	183	95	79	ENE	7	E	9	8	6	—	0.5	31	Cloudy all day.	
25	30.02	30.02	38.5	41.7	42.3	37.6	2.7	3.5	190	196	79	74	E	8	E	7	8	10	—	—	30	Dull and cloudy.	
26	93	92	38.1	38.4	42.1	35.9	1.0	2.5	205	200	92	80	E	7	NE	6	7	10	006	1.6	31	Dull and cloudy.	
27	29.74	29.74	38.5	41.7	42.3	37.6	2.1	2.2	193	179	83	82	NNE	10	ESE	6	90	10	129	0.1	32	° 11 h. -14 h. ° shower 22 h.	
28	55	39.69	39.7	41.4	43.1	34.1	1.7	3.0	210	201	86	78	SSW	11	S	7	9	10	019	0.9	32	° 3 h. 30 m. -8 h. Dull.	
29	83	29.79	42.8	42.8	47.2	41.4	1.0	1.9	254	235	92	85	SW	4	SE	4	7	8	—	1.0	30	° 4 h. Fine midday. U 19 h.	
30	29.86	29.391	41.2	41.7	45.9	37.8	2.1	2.1	219	225	84	84	S	17	S	7	10	10	213	—	31	° 11 h. 40 m. -22 h. [30 m.	

DOUGLAS, ISLE OF MAN, a.—NOVEMBER 1911.

Heights above Mean Sea Level:—Station, H = 277 ft.; Barometer, H_b = 284 ft. Heights above Ground:—Therms., h_t = 4 ft. Rain-gauge, h_r = 10 ins.
Long. 4° 28' W. Lat. 54° 10' N. Gravity Correction, +024 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ing 9 h.	Sunshine.	Min. Temp. on Grass	Remarks.								
							Dep. of Wet.		Vapour Pressure.										Percentage.							
			9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.				21 h.	9 h.	21 h.					
1	29.74	ins.	ins.	48.3	49.0	51.9	2.3	1.2	282	317	84	92	WSW	2	SW	†	ins.	hrs.	°	Fine a. • p.						
2	29.46	29.55	48.3	48.2	44.8	50.3	42.9	2.4	2.8	279	235	84	79	WSW	4	W	4	9	0	0.30	0.2	41	40	Dull and squally. • 10 h. -16 h. • 20 h.		
3	29.40	29.13	50.1	48.6	53.0	48.3	3.1	2.6	285	280	79	82	WSW	5	W	7	9	4	312	—	40	40	10 h. -16 h.			
4	29.33	28.97	47.8	50.0	51.4	47.5	3.8	0.2	245	356	74	99	WSW	7	SSW	9	8	100	474	0.1	44	44	0.2	44	after 18 h.	
5	28.70	29.08	45.7	44.1	54.8	43.0	4.5	4.1	213	204	69	70	WSW	10	W	10	7	3	—	—	—	—	—	—	—	—
6	29.16	29.06	44.2	44.1	47.0	41.6	2.9	2.7	228	233	78	79	W	7	W	2	8	5	310	1.5	39	39	39	39	Stormy till 18 h. • 14 h.	
7	39	39	40	40	46.1	51.6	43.4	1.8	2.7	280	251	87	81	W	3	WSW	6	9	8	358	5.2	40	40	40	40	Fine till 16 h. • showers p.
8	29.06	29.03	43.3	41.0	46.7	40.0	2.9	2.8	220	201	78	78	WSW	4	W	2	8	8	090	3.8	38	38	38	38	showers a. • after 19 h.	
9	28.97	29.06	41.3	39.0	46.7	36.0	1.1	1.7	236	205	92	86	S	2	NNE	2	9	6	512	0.5	31	31	31	31	showers. K 17 h.	
10	29.38	29.43	39.9	38.2	45.2	35.1	2.4	1.2	200	206	81	90	NNE	1	NW	1	1	2	52	—	29	29	29	29	— a. Very fine.	
11	29.42	29.23	43.2	44.0	45.0	34.9	2.6	4.1	224	203	81	70	SE	2	ESE	7	8	10	355	2.7	29	29	29	29	— a. Squally.	
12	28.94	28.82	43.0	45.0	46.4	40.7	1.0	0.8	255	280	92	94	E	4	NE	2	10	100	167	—	39	39	39	39	showers.	
13	29.34	29.74	47.0	44.0	50.0	43.6	2.6	3.0	262	224	82	77	WSW	4	WSW	2	4	3	867	5.2	41	41	41	41	Fine till 13 h.	
14	60	62	52.3	52.0	53.3	44.0	0.3	1.8	384	340	98	87	SW	7	SSW	7	10	10	250	—	40	40	40	40	Squally, with • showers.	
15	29.28	29.00	50.4	49.1	52.3	43.2	3.9	0.8	272	329	75	94	S	6	W	6	100	100	322	—	45	45	45	45	Squally, with • showers.	
16	28.98	29.01	47.0	47.1	50.7	45.1	2.0	3.9	275	236	86	73	WSW	3	W	4	100	100	360	2.8	43	43	43	43	Squally, with • showers.	
17	65	28.57	46.0	40.9	48.7	40.0	1.0	0.9	287	236	93	93	WSW	3	W	1	8	3	188	1.7	42	42	42	42	Squally, with • (sleet).	
18	60	63	39.1	37.7	43.1	36.5	1.1	2.4	217	181	91	79	N	3	N	2	9	2	071	4.1	35	35	35	35	• (sleet) showers 16 h. -18 h.	
19	28.67	28.91	43.2	44.3	45.0	36.7	2.8	2.3	221	241	79	82	NNW	3	N	2	8	6	033	0.1	33	33	33	33	• (sleet) showers.	
20	29.22	29.37	42.2	37.1	44.9	36.8	3.3	3.8	203	153	76	69	N	3	NNE	2	8	0	—	—	34	34	34	34	Fine but cloudy.	
21	32	25	35.8	37.5	41.0	32.9	4.1	3.5	139	161	65	71	N	1	N	2	2	0	—	—	64	64	64	64	~ 7 h. Fine but cold.	
22	28	45	38.7	39.0	42.7	34.9	3.3	1.9	174	201	74	85	N	3	NE	4	2	0	—	—	49	49	49	49	~ a. Fine but cold.	
23	60	72	40.5	40.5	44.2	37.9	1.8	4.2	215	173	86	68	NE	2	E	4	3	8	—	—	40	40	40	40	Cloudy and squally after 11 h.	
24	72	73	40.6	40.6	42.3	39.7	4.0	3.2	177	191	70	75	E	6	E	7	8	7	—	—	01	01	01	01	Dull and stormy.	
25	77	77	42.0	42.0	44.1	40.0	3.3	3.1	202	205	76	77	ESE	4	ESE	4	8	0	—	—	30	30	30	30	Cloudy and squally.	
26	82	77	40.1	41.0	43.2	39.0	2.7	2.1	195	213	78	83	ENE	2	NE	4	2	10	—	—	54	54	54	54	Very fine. Squally after 16 h.	
27	53	43	39.8	36.8	41.4	35.9	1.9	0.7	208	204	85	94	NE	5	NW	1	9	100	278	—	36	36	36	36	• showers after 11 h.	
28	54	64	41.1	45.4	45.8	35.9	2.1	1.2	214	276	83	92	WSW	2	SSW	2	4	4	026	0.7	34	34	34	34	• showers.	
29	93	96	41.2	44.9	51.3	40.0	0.4	0.9	251	276	97	93	NW	1	SE	2	0	1	—	—	62	62	62	62	~ a. Very fine.	
30	29.82	29.76	48.1	48.6	49.2	44.7	1.9	0.3	289	335	86	98	S	4	SSW	4	9	100	109	—	38	38	38	38	• showers after 11 h.	
M.	29.322	29.326	43.9	43.4	47.4	39.9	2.4	2.2	238	238	82	83	3.9	3.9	6.7	5.5	5.170	72	37.0	—	—	—	—	—	—	—

STONYHURST, LANCASHIRE, a.—NOVEMBER 1911.

Heights above Mean Sea Level:—Station, H = 375 ft.; Barometer, H_b = 363 ft. Heights above Ground:—Therms., h_t = 7 ft. Rain-gauge, h_r = 2 in.
Long. 2° 28' W. Lat. 53° 51' N. Gravity Correction, +023 in. Time, Local mean time.

1	29.68	29.56	47.0	47.8	51.8	45.0	3.2	2.8	2.49	2.65	78	80	SW	6	S	10	4	10	375	4.4	40	Fine.	
2	42	45	47.8	46.0	50.5	45.3	1.0	3.0	3.08	2.44	93	79	SW	8	W	10	8	5	190	1.3	45	• 2 h.-9 h. ∇	
3	44	40	43.0	49.7	50.0	40.3	2.0	1.0	2.34	2.31	84	93	S	11	SW	15	0	100	805	—	36	Fine a. • 14 h.-24 h.	
4	29.30	29.00	48.3	47.3	51.0	45.7	4.0	1.6	2.47	2.87	73	89	WSW	13	S	16	10	100	610	0.3	42	• early a. • 21 h.-24 h.	
5	28.77	29.01	47.2	46.0	56.0	42.5	4.2	5.0	2.31	2.07	72	67	SW	26	W	25	8	10	115	3.3	37	Squally, with •	
6	29.11	29.39	43.2	44.0	47.0	39.9	1.7	2.7	2.43	2.30	87	79	SW	15	W	7	10	100	215	0.5	37	T a. • showers.	
7	37	37	43.0	47.5	51.0	41.5	2.0	2.0	2.34	2.81	84	86	SW	8	S	24	100	100	250	3.4	30	• T 14 h. • 21 h.-22 h.	
8	04	06	40.2	37.4	49.4	37.0	2.5	1.9	2.00	1.87	81	84	S	17	S	10	10	100	110	1.5	36	• showers. T	
9	03	14	37.3	40.2	43.8	35.2	1.6	1.8	1.92	2.13	87	86	—	2	NE	6	8	100	0.5	31	Cloudy. • ∇ 19 h.-20 h.		
10	28	35	38.0	36.0	42.4	34.5	2.0	2.0	1.90	1.75	83	82	—	3	—	2	3	0	—	3.8	30	Fine.	
11	29.38	29.23	30.0	38.0	39.0	25.4	2.0	2.7	1.16	1.78	69	77	—	0	ENE	5	0	0	335	2.2	25	Sunny through mist.	
12	28.86	28.74	42.0	45.1	45.1	36.0	1.0	0.5	2.45	2.88	92	96	NE	8	SSW	6	100	100	380	—	31	• 3 h.-6 h. Dull.	
13	29.24	29.72	46.4	42.0	50.3	41.0	1.4	2.0	2.82	2.25	90	85	W	9	SW	5	100	5	145	1.4	36	Cloudy.	
14	64	29.65	47.0	52.0	53.0	40.3	1.5	2.3	2.87	3.28	90	84	S	21	S	14	100	100	020	—	45	Dark and misty. •	
15	29.34	28.97	47.8	48.0	52.3	46.6	2.8	1.8	2.65	2.90	80	87	—	2	SW	9	100	100	335	—	36	Fine and mild.	
16	28.92	29.08	50.0	46.0	53.0	43.7	1.0	2.5	3.34	2.55	93	83	SW	19	SW	8	100	5	450	0.2	35	• 15 h. and 21 h.-22 h.	
17	67	57	46.0	42.2	47.0	42.1	1.4	2.2	2.78	2.23	90	84	S	12	S	7	100	100	040	1.6	38	• showers.	
18	48	45	39.3	36.0	46.0	35.7	1.3	2.1	2.15	1.73	90	81	—	2	—	2	10	5	010	0.1	33	Cloudy and mild.	
19	28.46	28.73	39.0	44.8	46.0	35.5	1.8	3.2	2.03	2.28	86	77	NNW	15	NNW	8	10	100	017	—	29	Dull and overcast.	
20	29.05	29.25	43.0	37.0	47.0	36.4	4.0	2.0	1.97	1.82	71	83	NNW	8	—	2	7	0	—	1.4	29	Cloudy. Sunny intervals.	
21	21	09	33.4	36.7	38.8	30.5	3.4	2.7	1.26	1.68	67	77	—	2	NW	6	0	5	—	6.4	27	Fine.	
22	12	33	35.5	37.2	41.0	35.1	2.1	2.2	1.68	1.80	81	81	—	2	—	3	6	5	008	1.3	31	Fine.	
23	49	59	38.5	40.0	43.2	35.5	1.5	4.0	2.03	1.72	87	69	NE	5	E	12	4	10	—	5.3	31	Fine.	
24	63	70	40.0	40.4	40.8	37.5	3.7	3.4	1.77	1.85	71	74	E	15	E	8	8	10	—	—	33	Cold easterly wind.	
25	69	70	39.5	40.0	43.2	38.5	2.5	2.5	1.94	1.98	80	86	NE	7	NE	7	4	0	—	—	36	Bright and sunny.	
26	70	63	36.0	37.7	42.0	35.5	2.0	1.7	1.75	1.92	82	85	NE	4	—	3	6	100	150	3.8	31	• Sunny intervals.	
27	41	42	37.0	36.0	38.8	35.3	1.4	1.6	1.93	1.82	88	86	NE	4	S	9	8	100	005	—	33	Damp, misty day. •	
28	53	62	37.4	37.6	42.3	35.5	1.6	2.0	1.92	1.88	86	83	—	2	—	2	10	100	—	1.5	33	Sunny through mist.	
29	86	96	39.3	38.0	43.2	36.5	1.3	1.0	2.15	2.08	90	91	—	0	—	3	10	100	—	—	31	Damp, misty day.	
30	29.85	29.81	43.0	46.0	46.8	36.1	2.0	2.0	2.34	2.65	84	86	S	12	S	11	10	100	—	—	31	Cold and misty.	
M.	29.266	29.272	41.5	42.1	46.4	38.2	2.1	2.3	2.21	2.24	83	82	9	9	7.4	7.5	4.565	50	33.9				

* Miles per hour.

† Beaufort Scale (0-12).

SHREWSBURY, SHROPSHIRE.—NOVEMBER 1911.

Heights above Mean Sea Level:—Station, H = 190 ft.; Barometer,

SOUTHAMPTON, HAMPSHIRE, a.—NOVEMBER 1911.

Heights above Mean Sea Level:—Station, H = 64 ft.; Barometer, H_b = 84 ft. Heights above Ground:—Therms., h_t = 4.5 ft. Rain-gauge, h_r = 1 ft.
Long. 1° 24' W. Lat. 50° 55' N. Gravity Correction, +.016 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.						Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sunshine. hrs.	Min. Temp. on Grass.	Remarks.			
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.	9 h.	21 h.							
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.											
1	ins.	ins.	46.3	49.1	56.5	39.8	1.4	2.3	in.	in.	%	%	SW	1	SW	2	0	100	ins	hrs.	°	Dr. a. Fine.	
2	30.14	30.08	46.3	49.1	54.2	47.0	0.7	0.6	28.1	29.3	90	84	SW	2	W	1	10	2	195	37	°	Drizzling • till 15 h.	
3	29.96	29.93	46.3	49.1	54.2	47.0	0.8	2.9	27.5	33.4	71	96	SW	6	SW	6	6≡1	10	260	21	28	°	≡ a. • showers 11 h.
4	29.96	29.93	46.3	49.1	55.8	49.5	1.9	0.3	32.6	43.7	87	98	SW	2	SW	3	3	100	265	1.8	44	°	• till 5 h. Dull. • from 19 h.
5	29.96	29.93	46.3	49.1	58.2	45.5	3.9	4.4	31.2	21.8	74	71	SW	3	SW	4	2	0	—	61	48	°	• till 6 h. Fine.
6	29.96	29.93	46.3	49.1	53.3	41.0	0.7	2.9	22.8	22.5	69	78	SW	4	SW	4	0	0	—	71	35	°	Fine, with cool breeze.
7	29.96	29.93	46.3	49.1	55.3	37.8	4.9	2.1	30.1	34.0	94	86	SW	3	SW	6	4	100	310	34	25	°	• showers a. and p.
8	29.96	29.93	46.3	49.1	54.6	43.0	1.9	1.5	28.7	25.5	87	88	SW	1	SW	3	10	10	330	—	44	°	• till 3 h. Dull.
9	29.96	29.93	46.3	49.1	50.3	39.0	1.8	1.8	22.7	23.7	86	86	SW	1	SW	3	2	0	015	57	30	°	• till 5 h. Fine.
10	29.96	29.93	46.3	49.1	43.9	36.8	1.5	0.6	21.7	21.0	88	94	W	2	NW	2	10	0≡0	010	—	34	°	• till 1 h. 40 m. Dull.
11	29.96	29.93	46.3	49.1	49.9	30.4	0.4	0.6	17.7	33.2	96	96	NW	1	NE	4	7≡1	100	160	—	20	°	≡ a. Drizzling • from 11 h.
12	29.96	29.93	46.3	49.1	55.7	47.2	1.8	4.4	37.9	23.0	89	71	SW	4	SW	5	100	0	090	2.5	43	°	• till 5 h. and 8 h. 40 m. -10 h.
13	29.96	29.93	46.3	49.1	52.0	42.2	4.4	1.7	24.7	24.3	71	87	W	3	SW	3	4	0	—	21	39	°	• 1 h. -2 h. Fine.
14	29.96	29.93	46.3	49.1	54.7	33.3	1.7	1.8	34.3	32.8	88	87	SW	3	SW	4	10	0	—	—	26	°	Dull.
15	29.96	29.93	46.3	49.1	54.5	43.0	2.4	0.7	30.0	36.0	84	95	SE	3	SW	5	6	100	175	0.8	44	°	Dull, with • 12 h. -13 h.
16	29.96	29.93	46.3	49.1	56.1	50.7	0.9	1.5	40.6	33.7	94	89	SW	3	SW	4	10	10	450	—	49	°	• till 3 h. • 9 h. -12 h.
17	29.96	29.93	46.3	49.1	55.1	48.0	3.0	1.9	28.7	31.5	80	87	W	3	SW	6	6	100	450	2.3	47	°	• till 7 h. and 15 h. -17 h.
18	29.96	29.93	46.3	49.1	50.5	42.4	2.0	2.9	28.9	21.7	94	79	SE	3	NW	5	100	8	430	—	42	°	Cloudy, with •.
19	29.96	29.93	46.3	49.1	44.8	36.5	2.0	2.0	20.9	25.1	79	86	NE	3	NW	5	2	0	—	3.5	31	°	Fine, with cool breeze.
20	29.96	29.93	46.3	49.1	44.2	41.2	2.0	2.1	25.4	24.4	85	84	NW	2	NW	2	10	10	—	17	35	°	Fine.
21	29.96	29.93	46.3	49.1	44.7	31.0	2.1	2.0	19.7	13.0	83	74	NE	2	NE	2	5	0	—	6.0	35	°	Fine.
22	29.96	29.93	46.3	49.1	40.4	28.6	1.4	0.9	17.2	18.8	85	92	NW	2	NE	5	6	0	—	11	21	°	• 8 h. 50 m. Fine.
23	29.96	29.93	46.3	49.1	42.2	33.7	1.9	2.0	21.7	21.5	85	84	NE	5	NE	6	10	10	110	—	30	°	• 10 h. 30 m. -19 h. 30 m.
24	29.96	29.93	46.3	49.1	40.9	44.2	2.9	2.5	20.9	20.6	79	81	NE	3	NE	4	4	10	—	5.2	39	°	Fine.
25	29.96	29.93	46.3	49.1	37.2	43.1	2.9	1.1	20.9	20.0	79	90	NE	2	NE	2	10	10	—	0.1	39	°	Dull, with cold breeze.
26	29.96	29.93	46.3	49.1	39.2	40.5	2.0	5.2	17.5	14.8	82	62	NE	2	NE	2	0	0	—	3.4	28	°	—, Fine, with cold breeze.
27	29.96	29.93	46.3	49.1	35.0	40.0	1.0	1.0	16.7	18.4	89	90	NW	2	NW	2	5	10≡	—	2.0	22	°	Cloudy, with cold breeze.
28	29.96	29.93	46.3	49.1	49.0	34.2	1.0	1.0	24.5	32.2	92	93	W	2	W	3	100	8	130	0.3	30	°	≡ n. • 2 h. -12 h.
29	29.96	29.93	46.3	49.1	36.2	49.1	1.0	1.2	20.0	19.1	91	89	W	1	W	1	10≡2	10≡2	030	0.8	26	°	≡ 2 h. -11 h. 30 m. ≡ 2 from 18 h.
30	29.96	29.93	46.3	49.1	47.0	35.9	1.0	1.0	28.2	29.8	93	93	SE	2	SE	2	10	10	—	—	27	°	≡ till 5 h. Dull day.
M.	29.671	29.676	44.7	44.7	50.0	39.0	2.0	1.9	257	261	85	86	2.5	3.5	6.4	5.9	4.430	64	34.2				

FALMOUTH, CORNWALL, a.e.—NOVEMBER 1911.

Heights above Mean Sea Level:—Station, H = 167 ft.; Barometer, H_b = 183 ft. Heights above Ground:—Therms., h_t = 4 ft. Rain-gauge, h_r = 2 ft.
Long 5° 4' W. Lat. 50° 9' N. Gravity Correction, +.013 in. Time, Greenwich mean time.

1	30.06	29.96	49.4	49.3	55.0	43.8	2.0	2.3	303	294	87	84	W	4	SW	8	10 h.	22 h.	10 h.	7.5	—	Fine and bright.	
2	29.83	29.87	52.6	47.2	50.3	45.7	3.4	1.8	308	282	77	88	SW	15	W	5	9	10	1.5	17	—	• 13 h. 50 m.—15 h. • evening.	
3	29.79	29.62	50.8	53.7	54.5	44.4	1.8	1.2	325	379	87	92	S	12	SW	20	7	100	20	19	—	Fair a. Gloomy p. • evening.	
4	29.77	29.46	50.8	55.9	50.3	48.0	2.8	0.9	301	420	81	94	WSW	5	SW	28	10	100	30	—	Dull and overcast.		
5	29.77	29.46	50.8	55.9	50.3	48.0	2.8	0.9	301	420	81	94	WSW	20	W	15	5	0	11	5.7	—	Intermittent sunshine (showers sharp).	
6	29.78	29.88	46.7	54.1	49.0	57.2	43.0	4.4	5.9	302	219	73	63	W	15	W	9	3	7	11	6.6	—	Occasional short sharp.
7	29.79	29.50	50.3	50.0	54.9	44.7	2.4	1.0	304	334	83	93	SW	14	WSW	18	7	10	5.1	5.4	—	Bright till early p. • n.	
8	29.79	29.33	46.8	45.5	48.7	41.0	4.9	3.0	215	233	67	78	WSW	17	SW	15	9	7	5.1	5.4	—	Cloudy and unsettled.	
9	29.36	29.44	43.6	46.0	48.2	38.4	2.7	5.1	226	205	79	66	W	17	NW	16	7	2	13	4.2	—	• showers Intermittent sun (shine).	
10	29.56	29.63	45.1	40.7	48.0	38.8	5.1	2.4	196	206	65	81	NW	9	—	2	4	3	23	8.0	—	Fine and bright.	
11	29.56	29.19	46.3	51.8	53.7	39.0	1.3	0.8	283	364	91	94	SE	12	—	2	100	100	7.5	—	Dull and wet.		
12	29.07	29.43	50.9	45.6	52.7	42.1	2.7	3.8	305	225	82	74	SSW	18	W	14	8	2	14	2.8	—	Cloudy and stormy.	
13	29.80	29.06	47.2	44.4	51.2	42.2	4.9	1.9	218	251	68	86	W	12	SW	6	3	4	10	6.7	—	Fine and bright.	
14	30.01	29.88	53.0	52.9	55.9	49.3	1.8	1.9	352	348	87	87	SSW	17	S	15	9	10	1.5	0.6	—	Cloudy and mild.	
15	29.45	29.46	52.1	53.3	54.9	51.3	1.0	1.0	363	374	93	93	S	18	WSW	24	7	10	5.2	3.8	—	Bright 10 h.—14 h. • evening.	
16	29.49	29.35	52.1	50.3	54.6	49.2	0.8	1.3	368	331	94	91	W	15	SSW	9	100	10	1.3	0.2	—	• early. Dull generally.	
17	29.08	28.90	50.0	47.9	52.0	45.0	4.0	1.5	265	296	74	90	SSW	19	SW	12	6	9	4.0	4.2	—	Stormy, with • showers.	
18	28.71	28.86	45.2	45.0	46.9	41.7	2.8	3.0	239	233	80	78	NW	10	NW	16	7	2	27	2.1	—	Stormy, with • showers.	
19	28.98	29.15	44.6	46.0	47.6	42.0	4.2	3.9	203	227	70	74	NW	18	NW	14	4	1	24	5.3	—	• showers a. and n.	
20	29.32	29.45	45.0	44.0	49.1	42.0	1.0	2.3	275	238	92	82	N	4	N	4	5	2	—	4.5	—	• 8 h.—9 h. Fair to bright.	
21	29.43	29.37	39.8	39.2	45.1	33.4	2.8	2.5	191	192	78	80	N	3	N	4	0	—	—	4.5	—	Bright a. Cloudy p. Frosty.	
22	29.31	29.38	40.0	41.6	43.0	32.9	2.3	3.8	177	190	81	74	NNE	4	NNE	9	10	10	—	4.2	—	• Bright and cold.	
23	29.41	29.50	40.8	40.0	43.4	38.6	3.0	1.5	190	217	77	88	NNE	13	NNE	9	10	100	0.8	—	—	Overcast, with cold wind.	
24	29.58	29.69	43.2	42.0	44.6	40.9	2.5	3.0	226	207	81	78	NNE	11	E	10	10	10	—	—	—	Overcast, with cold wind.	
25	29.74	29.73	40.3	42.9	44.3	40.1	2.6	2.9	199	216	80	79	NE	8	NE	12	10	10	—	—	—	Overcast, with cold wind.	
26	29.74	29.77	41.0	34.8	42.9	34.1	3.3	2.0	192	162	75	81	NE	11	—	2	1	0	—	7.3	—	• Bright and clear.	
27	29.70	29.71	33.1	34.0	41.0	32.0	1.3	1.0	162	176	85	89	—	2	SW	4	1	0	—	6.9	—	• Bright and clear.	
28	29.73	29.85	40.0	45.8	48.0	33.7	2.1	1.8	205	207	83	87	—	3	W	4	100	100	0.1	—	—	Overcast.	
29	30.10	30.13	44.6	48.8	49.0	44.0	1.6	1.0	258	321	88	93	—	2	S	10	0	2	—	6.2	—	Fine and bright.	
30	30.04	29.97	50.0	51.3	51.9	47.9	1.0	0.7	334	360	93	95	S	10	SSW	9	10	100	3.0	—	—	Dull. Wet evening.	
M.	29.568	29.573	46.2	46.1	50.1	41.7	2.7	2.3	257	267	81	84	—	11	—	11	6.3	5.7	5.03	10.3	—	—	

DUBLIN (PHOENIX PARK), a.—NOVEMBER 1911.

Heights above Mean Sea Level:—Station, H=155 ft.; Barometer, H_b=159 ft. Heights above Ground:—Therms., h_t=4 ft.; Rain-gauge, h_r=1 ft.
Long. 6° 21' W. Lat. 53° 22' N. Gravity Correction, +.022 in. Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.					
							Dep. of Wet.		Vapour Pressure.										Percentage.				
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.		21 h.				
1	ins.	ins.	48.8	48.8	51.8	39.9	3.1	1.6	272	305	79	88	SW	9	SW	17	4	100	ins.	hrs.	°	Cloudy. ● 19 h.-21 h.	
2	29.89	29.67	48.8	48.8	50.9	42.1	2.2	1.6	272	246	84	88	SW	9	SW	6	8	1	—	2.2	45	°	Fine, but cloudy.
3	29.62	29.72	47.1	43.3	50.9	42.1	2.2	1.6	272	246	84	88	SW	9	SW	6	8	1	—	2.2	45	°	Overcast, with showers.
4	29.35	29.51	48.5	53.7	53.7	39.5	2.9	2.8	290	274	80	81	SW	17	W	9	10	6	090	—	47	°	Dull. ● 16 h. 30 m.-24 h.
5	29.52	29.88	47.7	52.6	53.8	44.0	3.4	3.8	253	299	77	76	SW	12	SSW	23	10	100	240	0.6	39	°	showers.
6	29.03	29.38	45.0	38.1	55.8	33.2	3.9	2.0	216	191	73	83	WSW	22	SW	15	1	6	020	5.6	37	°	Dull, with showers.
7	29.45	29.66	41.8	38.1	48.9	36.9	1.6	1.1	231	207	88	90	W	15	WSW	6	8	0	050	2.7	32	°	Bright a. ● p.
8	29.55	29.19	45.7	44.1	52.9	37.9	2.9	2.2	243	241	80	82	SW	9	WSW	19	2	6	305	4.6	32	°	Fine, but cloudy.
9	29.22	29.17	39.2	35.5	47.0	35.2	1.4	1.7	212	176	88	85	WSW	13	WSW	7	9	0	090	2.8	32	°	showers 9 h.-16 h.
10	29.06	29.45	40.8	34.1	42.9	32.0	1.7	1.3	219	171	87	86	WSW	14	NW	4	100	2	230	—	25	°	4 h.-6 h. ● showers 9 h.-16 h.
11	29.58	29.58	31.9	30.0	44.1	27.6	1.3	1.1	151	138	84	82	—	2	—	1	2	1	—	6.1	24	°	Fine and bright.
12	29.50	29.21	32.8	44.5	47.6	24.7	1.7	1.2	152	266	81	90	—	0	E	9	10	100	320	—	23	°	Overcast. ● 18 h. 30 m.-21 h.
13	29.95	29.00	48.8	43.9	49.0	42.5	0.8	0.8	325	268	94	94	ESE	4	W	10	100	100	880	—	43	°	Overcast. ● 9 h.-21 h.
14	29.60	29.60	44.9	43.9	49.4	39.5	1.1	3.2	272	219	92	76	W	8	S	6	100	0	150	4.5	42	°	Overcast to bright.
15	29.70	29.55	55.1	53.5	57.0	42.7	2.0	3.4	377	319	87	78	SSW	20	S	14	10	0	185	0.1	38	°	at intervals a. and p.
16	29.26	29.20	53.6	45.9	58.3	45.2	3.4	1.0	320	288	77	94	S	10	SW	4	10	0	090	1.7	49	°	at intervals a. and p.
17	29.17	29.14	48.8	45.3	51.0	43.5	3.1	3.2	272	233	79	77	WSW	14	SW	11	7	8	240	2.2	39	°	at intervals a. and p.
18	28.82	28.74	42.6	39.5	48.3	39.0	2.2	0.7	227	228	84	94	NW	9	—	3	8	5	240	—	37	°	at intervals a. and p.
19	28.92	29.11	42.1	42.7	46.2	34.9	2.2	1.2	222	248	83	90	W	8	WNW	6	7	10	—	—	31	°	Fine, but cloudy.
20	29.42	29.42	39.5	33.5	46.9	33.1	1.8	1.2	207	168	86	87	—	3	NNW	4	6	0	40	—	34	°	Overcast.
21	29.53	29.45	34.0	30.0	39.9	29.7	1.2	1.2	172	135	87	80	NW	4	NW	5	8	0	32	27	°	Fine and bright.	
22	29.44	29.56	32.9	42.1	42.5	25.2	1.7	2.8	152	211	81	79	—	3	NE	12	5	10	170	24	24	°	Fine, but cloudy.
23	29.69	29.81	40.8	42.8	45.3	39.8	1.2	5.1	230	179	91	64	NE	10	ENE	11	100	8	015	0.3	35	°	showers 9 h.-14 h. ● 16 h.-18 h.
24	29.79	29.79	41.8	40.8	44.2	40.0	3.4	2.7	198	201	76	79	E	14	E	7	9	2	03	39	°	9 h.-9 h. 45 m.	
25	29.84	29.84	41.8	36.9	46.2	33.1	3.0	1.4	205	193	79	89	—	2	—	3	1	2	—	4.6	32	°	Dull.
26	29.92	29.92	40.8	40.2	44.6	30.1	4.0	1.4	197	220	71	89	E	7	NNE	11	8	5	190	1.2	29	°	Fine and bright.
27	29.72	29.72	39.8	36.3	42.9	36.0	0.8	1.1	228	194	94	78	N	7	WNW	4	100	8	070	—	37	°	at intervals 9 h.-16 h.
28	29.65	29.75	40.6	46.4	47.0	31.7	2.9	3.3	197	242	78	78	SW	6	SW	6	3	10	—	19	30	°	at intervals 10 h.-15 h.
29	29.09	29.09	34.7	46.3	50.6	31.0	0.6	3.2	190	243	94	78	—	0	SSW	9	0	5	—	4.8	31	°	Fine, but cloudy.
30	29.84	29.86	52.2	49.6	53.5	46.1	3.1	2.9	311	284	80	81	SSE	8	SW	12	8	1	010	—	39	°	Fine and bright.
M.	29.468	29.469	42.9	41.8	48.6	36.4	2.2	2.1	234	226	83	84	—	9	—	9	7.0	4.9	3.735	62	34.9	°	at intervals 10 h.-16 h.

LIMERICK (MUNGRET COLLEGE), †—NOVEMBER 1911.

Heights above Mean Sea Level:—Station, H=47 ft.; Barometer, H_b=50 ft. Heights above Ground:—Therms., h_t=4 ft.; Rain-gauge, h_r=1 ft.
Long. 8° 41' W. Lat. 52° 38' N. Gravity Correction, +.020 in. Time, Dublin mean time.

1	30.00	29.79	46.0	49.5	50.7	40.2	1.4	0.6	278	338	90	95	S	3	S	5	7	10	187	0.6	29	°	at times.
2	29.76	29.86	47.5	39.5	52.0	39.3	2.5	0.3	269	236	82	98	S	2	S	5	7	10	065	2.7	34	°	in gusts.
3	29.54	29.49	49.8	49.5	54.9	39.5	1.7	2.6	315	290	88	82	S	8	W	3	10	5	055	—	31	°	n. and part of day.
4	29.69	29.43	48.8	57.8	57.8	40.3	3.6	0.9	261	452	75	94	S	2	SW	6	9	10	290	0.1	40	°	throughout day.
5	29.29	29.55	48.9	38.5	57.8	36.3	2.8	1.0	279	213	81	92	SW	10	SW	4	4	4	323	4.9	33	°	throughout day.
6	29.68	29.42	47.2	40.0	50.1	36.2	2.0	1.0	278	226	86	92	W	6	S	2	8	4	060	4.2	31	°	at times in past n.
7	29.66	29.39	44.4	38.2	51.1	37.3	1.2	0.7	205	216	91	95	S	2	SW	2	2	1	559	2.9	31	°	at times in past n.
8	29.39	29.29	36.0	33.5	44.0	33.0	0.2	0.2	208	188	98	97	SW	3	S	2	7	2	209	2.2	29	°	at times in past n.
9	29.42	29.65	45.1	40.5	47.9	30.2	3.2	0.8	230	235	76	94	NW	5	W	2	7	8	—	4.4	25	°	at times in past n.
10	29.72	29.65	32.8	34.0	48.2	28.6	1.0	0.7	166	182	88	92	SW	1	SE	2	1	8	143	7.1	21	°	at times in past n.
11	29.48	29.44	42.2	45.6	46.9	33.8	0.9	0.7	270	291	93	95	E	2	Calm	0	10	10	330	—	29	°	at times in past n.
12	28.97	29.40	45.0	46.0	50.3	44.0	0.0	2.1	299	263	100	85	E	1	W	5	10	10	655	—	42	°	at times in past n.
13	29.81	29.88	45.2	46.4	49.7	42.2	2.9	0.4	237	306	79	97	SW	3	SE	4	3	10	182	4.7	37	°	at times in past n.
14	29.76	29.65	55.0	53.0	57.1	46.4	0.3	0.6	424	386	98	96	W	5	S	6	9	10	620	—	44	°	at times in past n.
15	29.26	29.37	51.5	52.2	55.1	40.0	0.1	0.8	378	369	99	95	W	7	W	6	9	10	186	1.5	44	°	at times in past n.
16	29.37	29.20	47.5	46.1	53.0	43.9	1.6	0.7	299	296	88	95	SW	4	SE	4	4	10	255	5.0	39	°	at times in past n.
17	28.87	28.89	41.8	43.0	49.4	39.1	0.8	1.0	247	255	94	92	E	1	SW	2	7	8	015	—	34	°	at times in past n.
18	29.01	29.13	36.5	41.3	45.4	35.6	0.8	1.2	200	234	93	91	NW	1	NW	3	4	9	018	2.7	30	°	at times in past n.
19	29.20	29.34	46.3	41.9	47.8	39.1	1.3	1.1	283	244	91	92	NW	2	W	2	4	9	—	5.5	34	°	at times in past n.
20	29.55	29.71	39.6	34.9	47.2	34.4	1.6	2.6	211	154	87	76	Calm	0	Calm	0	1	0	—	6.1	26	°	at times in past n.
21	29.69	29.61	34.1	33.0	40.8	30.6	0.5	0.7	187	173	95	92	SW	1	N	2	7	0	—	0.2	20	°	at times in past n.
22	29.59	29.69	36.7	38.0	43.0	34.1	1.3	1.3	193	203	89	89	NE	4	NE	2	9	10	—	5.7	15	°	at times in past n.
23	29.80	29.88	36.7	38.0	43.0	34.1	1.3	1.3	193	203	89	89	NE	4	NE	2	9	10	—	5.7	15	°	at times in past n.
24	29.86	29.84	36.5	36.0	45.2	35.8	1.6	0.9	186	195	86	92	N	2	E	2	3	0	—	6.5	28	°	at times in past n.
25	29.89	29.88	30.3	38.6	43.8	30.1	0.1	2.3	166	190	99	81	E	2	E	3	5	10	—	3.6	21	°	at times in past n.
26	29.07	29.04	37.7	34.4	46.3	32.6	1.0	0.9	207	181	99	91	NE	2	NE	1	9	0	—	0.9	25	°	at times in past n.
27	29.76	29.76	32.2	32.1	40.4	28.0	0.1	0.1	182	181	99	99	Calm	0	S	1	10	9	—	0.5	20	°	at times in past n.
28	29.72	29.85	35.8	43.3	46.3	28.1	1.5	0.1	183	277	87	100	SE	2	SW	2	8	9	123	0.2	21	°	at times in past n.
29	30.15	29.92	30.4	47.6	47.6	29.7	0.2	2.1	164	280	97	86	NE	2	SE	3	1	10	020	2.5	22	°	at times in past n.
30	29.85	29.92	51.8	41.5	52.1	41.2	0.8	0.5	364	251	94	96	S	4	SE	9	10	0	—	0.1	34	°	at times in past n.
M.	29.595	29.592	41.7	41.8	48.7	36.2	1.2	1.0	245	250	90	92	2.9	3.0	6.2	6.8	4.295	79	29.9				

FORT WILLIAM, INVERNESS-SHIRE, a.—DECEMBER 1911.

Heights above Mean Sea Level:—Station, H=171 ft.; Barometer, H_b=38 ft. Heights above Ground:—Therms., h_t=4 ft.; Rain-gauge, h_r=1 ft.
Long. 5° 7' W. Lat. 56° 49' N. Gravity Correction, +.031 in. Time, Greenwich mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.					Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.						
								Dep. of Wet.		Vapour Pressure.										Percentage.					
								9 h.	21 h.	9 h.	21 h.									9 h.	21 h.	9 h.	21 h.		
1	ins.	ins.	47.8	50.0	50.2	44.8	1.1	2.0	3.06	3.09	92	86	SW	†	5	SW	6	5	100	ins.	hrs.	—	—	Fine a. Squally, with p.	
2	29.71	29.54	47.8	50.0	52.2	39.5	3.1	3.3	2.12	2.80	77	78	S	2	SW	7	2	100	42	—	—	—	—	Fine a. Squally, with p.	
3	53	55	44.2	38.9	52.0	38.0	2.4	1.1	2.38	2.16	82	92	SW	3	SW	3	100	100	21	—	—	—	—	Showerly and dull. Snowing on hills.	
4	60	50	35.9	37.9	39.9	30.0	3.9	4.1	1.43	1.56	67	69	Calm	0	S	1	8	5	100	—	—	—	—	Gloomy & showerly. Snowing on hills.	
5	03	32	44.7	42.5	46.4	37.5	4.2	1.7	2.09	2.36	70	87	S	6	SW	3	100	3	12	—	—	—	—	below. Snow on heights.	
6	74	30	37.3	41.0	43.5	35.8	1.3	2.0	1.97	2.15	89	84	SW	3	SW	3	100	8	84	—	—	—	—	Fair a. Squally, with p.	
7	29	49	37.0	36.0	41.8	33.1	2.0	1.0	1.82	1.93	83	91	SW	2	SE	4	100	2	26	—	—	—	—	* 2 on heights; * below.	
8	35	07	39.8	41.4	42.8	35.8	3.7	3.7	1.76	1.90	72	73	S	2	SE	4	100	6	35	—	—	—	—	Unsettled and showerly.	
9	16	29.42	34.1	36.0	41.6	32.4	0.4	1.0	1.89	1.93	96	91	SW	2	S	2	10	6	09	—	—	—	—	ga. Showerly, with p.	
10	29.07	28.65	38.0	38.7	40.5	35.9	2.0	0.9	1.90	2.18	83	93	Calm	0	Calm	0	10	9	15	—	—	—	—	Dull and cloudy. (intervals)	
11	28.67	28.95	38.9	41.2	42.0	37.0	0.9	1.2	2.19	2.33	93	91	Calm	0	SW	2	10	2	52	—	—	—	—	Unsettled, with *.	
12	29.21	29.33	42.0	48.6	48.8	39.8	1.3	3.6	2.39	2.58	90	75	SW	3	W	3	8	10	06	—	—	—	—	Dull.	
13	38	14	46.5	49.3	49.9	46.0	5.5	6.3	2.02	2.14	64	61	Calm	0	SE	6	5	7	25	—	—	—	—	Fine a. Squally, with p.	
14	38	46	43.8	43.3	49.8	38.5	3.8	4.3	2.07	1.94	72	69	S	3	SE	2	4	9	—	—	—	—	—	Fine and sunny. < n.	
15	31	27	48.2	43.6	48.8	41.2	5.4	2.1	2.19	2.39	65	84	Calm	0	Calm	0	9	10	03	—	—	—	—	Dull and gloomy.	
16	49	30	41.9	51.0	52.2	39.9	0.9	2.2	2.46	3.18	93	85	Calm	0	S	5	10	22	43	—	—	—	—	≡. Gloomy, with showers.	
17	36	39	47.0	47.8	51.8	44.0	2.1	3.7	2.73	2.47	85	75	SW	3	W	4	10	71	61	—	—	—	—	Dull, with showers. < n.	
18	14	24	53.0	46.2	54.0	45.8	4.2	3.7	2.95	2.33	73	75	SSW	4	SW	4	10	3	43	—	—	—	—	* at times.	
19	28	26	45.4	48.0	48.7	43.5	2.6	4.0	2.46	2.43	82	73	SW	5	WSW	4	10	71	45	—	—	—	—	Fair to fine. showers n.	
20	08	19	42.7	43.7	48.0	41.7	0.7	2.1	2.59	2.40	94	88	S	1	SW	5	10	28	28	—	—	—	—	≡ and * (sleet).	
21	20	36	42.0	40.5	44.7	38.8	0.8	1.5	2.49	2.20	94	88	S	1	SW	5	10	11	11	—	—	—	—	≡ passing.	
22	49	54	39.2	33.6	40.7	32.3	0.6	0.8	2.28	1.76	95	91	SW	1	Calm	0	10	00	38	—	—	—	—	Snow on hills. ∞ n.	
23	29.81	29.81	41.0	44.6	44.8	32.8	1.9	5.7	2.17	1.82	85	62	SW	3	SW	3	9	10	54	—	—	—	—	showers.	
24	28.86	29.09	41.0	37.8	45.0	37.0	1.0	1.4	2.35	2.00	92	89	Calm	0	SW	3	10	38	15	—	—	—	—	≡. Snowing on hills.	
25	29.12	28.38	39.9	42.6	35.1	3.0	1.9	1.73	2.08	75	85	SW	3	WSW	2	4	10	15	24	—	—	—	—	Generally fair. n.	
26	36	43	42.0	41.0	42.7	38.5	1.2	1.0	2.41	2.35	91	92	SW	2	SW	1	8	5	13	—	—	—	—	showers.	
27	73	80	36.0	37.0	41.8	34.9	1.3	0.9	1.88	2.02	88	92	Calm	0	Calm	0	6	24	64	—	—	—	—	Fair to fine. ∞. n.	
28	67	83	46.8	39.9	46.9	36.1	0.7	0.6	3.03	2.34	95	95	SW	2	Calm	0	10	75	13	—	—	—	—	≡ all day.	
29	85	69	39.1	43.0	45.0	35.9	0.3	0.2	2.33	2.73	97	98	Calm	0	Calm	0	10	7	20	—	—	—	—	≡ all day. ≡ n.	
30	29.80	29.98	45.9	46.8	47.2	42.4	1.1	2.0	2.85	2.73	93	86	S	2	SW	3	10	13	13	—	—	—	—	* at times. U 21 h.	
31	30.08	30.18	43.7	46.4	47.1	42.9	1.7	0.5	2.47	3.04	86	96	SW	2	SW	2	10	20	20	—	—	—	—	Overcast, with *.	
M.	29.402	29.401	42.1	42.8	46.2	38.3	2.1	2.3	2.27	2.30	84	84		1.9	2.7	8.4	7.7	10.14							

DUNDEE, FORFARSHIRE, c.d.—DECEMBER 1911.

Heights above Mean Sea Level:—Station, H=160 ft.; Barometer, H_b=164 ft. Heights above Ground:—Therms., h_t=3.8 ft.; Rain-gauge, h_r=1 ft.
Long. 2° 56' W. Lat. 56° 28' N. Gravity Correction, +.030 in. Time, Greenwich mean time.

1	29.74	29.62	44.5	46.5	48.2	42.6	0.8	2.0	2.75	2.70	94	86	SW	†	3	SW	†	10	10	02	—	—	Dull and cloudy.	
2	68	30	39.0	47.5	50.0	36.9	0.5	1.3	2.28	2.96	96	90	S	1	SW	3	5	10	10	07	—	—	● from 17 h. ≡ 16 h.-19 h.	
3	48	44	35.5	37.0	48.0	34.2	0.7	0.4	1.95	2.12	94	96	E	1	SW	1	5	10	10	10	—	—	● Dull after 12 h. ● 13 h.-14 h.	
4	54	50	32.0	29.8	38.0	28.7	1.0	0.3	1.82	1.58	100	95	SW	1	SW	1	10	10	10	10	—	—	≡ till 12 h., then sunny till 15 h.	
5	14	30	41.2	40.5	45.0	28.5	1.0	1.5	2.37	2.20	93	88	SE	3	SW	3	10	10	10	10	—	—	Dull and cloudy.	
6	66	42	36.5	37.5	47.0	35.0	1.0	0.7	1.97	2.11	92	94	SW	1	S	2	5	0	10	10	—	—	Mostly fine.	
7	18	38	36.2	34.5	40.0	33.3	1.2	0.5	1.91	1.90	89	95	SW	1	SW	1	10	5	0	10	—	—	Mostly fine. ● after 21 h.	
8	29.36	29.05	30.0	38.4	39.3	28.4	0.5	0.9	1.53	2.14	92	93	NW	1	SE	5	5	10	10	18	—	—	Cloud and sun till 15 h., then	
9	28.98	29.18	34.0	35.0	39.2	33.0	0.2	0.5	1.92	1.94	98	95	SW	1	SW	1	10	5	10	10	—	—	● early; fine later. [dull. ● 19 h.]	
10	29.01	28.50	37.5	41.5	43.9	32.3	0.0	0.6	2.24	2.50	100	95	E	1	SW	3	10	10	10	73	—	—	● 7 h.-19 h.	
11	28.46	28.85	38.2	39.2	42.9	36.5	0.2	1.0	2.26	2.20	98	92	NW	1	SW	3	10	10	10	14	—	—	● n. till 12 h., dull and cloudy.	
12	29.16	29.30	40.2	44.2	45.0	37.6	0.7	1.0	2.35	2.68	94	93	SW	3	S	1	10	10	10	10	—	—	Dull and cloudy.	
13	37	19	41.2	44.5	45.3	37.5	0.7	1.0	2.44	2.71	95	92	SE	5	SE	8	10	10	10	10	—	—	Dull and cloudy. ● after 15 h.	
14	33	40	41.3	34.5	45.2	32.6	0.3	0.2	2.53	1.96	98	98	S	1	N	1	10	10	10	10	—	—	● 6 h. 30 m.-12 h.	
15	27	16	43.5	44.0	44.2	33.5	0.6	0.2	2.69	2.83	95	98	SE	5	SE	3	10	10	10	16	—	—	● all day till 18 h.	
16	38	34	43.0	43.5	45.2	40.2	0.2	0.3	2.73	2.75	98	98	W	1	E	1	10	10	10	16	—	—	≡. ● from 17 h.	
17	36	36	43.2	44.5	48.2	39.0	0.7	0.7	2.64	2.77	94	94	SW	1	NE	1	5	10	10	19	—	—	● 13 h.-14 h. 30 m.	
18	23	20	46.0	44.5	51.8	43.6	0.5	1.3	2.99	2.64	97	90	SE	5	S	8	10	10	10	20	—	—	● after 15 h. ● 15 h.-17 h.	
19	29.20	28.43	43.2	44.9	47.0	39.5	1.2	1.9	2.53	2.54	90	86	SW	3	SW	1	10	10	10	10	—	—	Dull and cloudy till 10 h. and	
20	28.98	28.83	43.5	41.5	46.4	40.0	0.5	1.0	2.71	2.41	96	92	SW	3	W	1	10	10	10	23	—	—	● 8 h.-14 h. [after 16 h.]	
21	29.10	24.35	40.0	42.0	34.2	0.0	0.5	2.08	2.37	100	96	W	1	W	1	5	10	10	10	—	—	—	≡	
22	36	35	37.2	33.0	40.8	31.3	0.3	0.5	2.16	1.77	97	94	SW	1	NW	1	5	10	10	—	—	—	≡ till 10 h., then dull.	
23	29.67	29.57	36.2	37.0	39.5	31.4	1.0	0.5	1.95	2.10	91	96	SW	1	SW	1	5	10	10	29	—	—	≡ till 10 h., then dull.	
24	28.86	28.90	42.8	38.0	39.5	36.0	0.3	1.0	2.68	2.08	98	91	SE	3	SW	5	10	10	10	08	—	—	● till 11 h.	
25	29.07	29.17	34.5	33.0	39.0	32.2	0.5	0.5	1.90	1.77	95	94	SW	1	NW	1	10	10	10	—	—	—	Dull and cloudy.	
26	26	26	37.2	34.6	40.8	30.5	0.2	0.1	2.18	1.99	98	99	SW	1	SW	1	10	10	10	—	—	—	≡ till 10 h., then cloudy.	
27	57	71	36.2	34.5	37.4	32.0	1.0	0.1	1.95	1.97	91	99	SW	1	NW	1	5	10	10	10	—	—	Cloud and sunshine till 14 h. [then dull.]	
28	59	66	38.2	37.2	39.6	33.7	0.2	0.0	2.26	2.22	98	100	N	1	SW	1	10	10	10	15	—	—	● 7 h. 30 m.-17 h.	
29	79	64	37.2	43.0	44.0	34.5	0.2	0.2	2.18	2.73	98	98	NE	1	E	1	10	10	10	10	—	—	● 10 h. 30 m.-19 h.	
30	68	29.89	42.0	41.0	45.0	39.2	0.8	0.5	2.29	2.46	94	96	W	1	SW	1	5	10	10	02	—	—	≡ after 15 h.	
31	29.95	30.05	42.5	43.0	38.2	0.5	0.4	2.61	2.68	96	97	SW	1	W	1	10	10	10	10	01	—	—	Dull till 10 a., then fine.	
M.	29.336	29.332	39.0	39.7	43.6	35.0	0.5	0.7	2.29	2.32	96	94		1.8		2.3	8.2	8.9	4.38	—	—	—	—	

DOUGLAS, ISLE OF MAN, a.—DECEMBER 1911.

Heights above Mean Sea Level:—Station, H=277 ft.; Barometer, H_b=284 ft. Heights above Ground:—Therms., h_t=4 ft. Rain-gauge, h_r=10 ins.
Long. 4° 28' W. Lat. 54° 10' N. Gravity Correction, +0.024 in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.					Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass	Remarks.	
								Dep. of Wet.		Vapour Pressure.										Percentage.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.				
1	ins.	ins.	48.4	49.2	50.0	47.4	0.1	0.1	313	347	92	100	S	†	7	8	100	ins.	Dull a. showers p.	
2	29.64	29.52	48.4	49.2	50.0	47.4	0.1	0.1	313	347	92	100	S	†	7	8	100	ins.	Dull. 10 h.-21 h.	
3	29.50	29.37	48.3	49.1	50.2	47.3	0.1	0.1	335	342	90	95	SSW	3	6	10	6	180	Fine from 11 h. showers p.	
4	29.43	29.30	48.3	49.1	50.2	47.3	0.1	0.1	209	223	91	83	W	2	SE	6	8	187	5 h. and noon.	
5	29.36	29.23	48.3	49.1	50.2	47.3	0.1	0.1	231	204	76	80	SW	7	W	6	9	046	Dull, with showers.	
6	29.60	29.47	48.3	49.1	50.2	47.3	0.1	0.1	200	252	91	87	WNW	1	S	10	2	100	Very fine.	
7	29.49	29.36	48.3	49.1	50.2	47.3	0.1	0.1	223	249	80	95	W	2	WNW	1	100	751	a. Dull. from noon.	
8	29.38	29.25	48.3	49.1	50.2	47.3	0.1	0.1	193	208	83	91	W	2	WNW	1	100	020	Very fine.	
9	29.27	29.14	48.3	49.1	50.2	47.3	0.1	0.1	223	249	80	95	W	2	WNW	1	100	515	Squally, with.	
10	29.16	29.03	48.3	49.1	50.2	47.3	0.1	0.1	189	237	76	90	WNW	6	SSW	3	100	409	9 h. 10 m. Cloudy.	
11	29.05	28.92	48.3	49.1	50.2	47.3	0.1	0.1	227	277	98	96	SE	5	SSW	3	100	172	with from noon.	
12	28.94	28.81	48.3	49.1	50.2	47.3	0.1	0.1	197	224	76	84	WNW	6	W	6	100	011	Fine a., then cloudy with.	
13	28.83	28.70	48.3	49.1	50.2	47.3	0.1	0.1	224	277	98	96	SE	5	SSW	3	100	172	showers till 17 h.	
14	28.72	28.59	48.3	49.1	50.2	47.3	0.1	0.1	197	224	76	84	WNW	6	W	6	100	011	Overcast.	
15	28.61	28.48	48.3	49.1	50.2	47.3	0.1	0.1	224	277	98	96	SE	5	SSW	3	100	172	showers a. Dull.	
16	28.50	28.37	48.3	49.1	50.2	47.3	0.1	0.1	197	224	76	84	WNW	6	W	6	100	011	a. showers till 16 h.	
17	28.39	28.26	48.3	49.1	50.2	47.3	0.1	0.1	224	277	98	96	SE	5	SSW	3	100	172	Squally and cloudy.	
18	28.28	28.15	48.3	49.1	50.2	47.3	0.1	0.1	197	224	76	84	WNW	6	W	6	100	011	till 13 h., then fine.	
19	28.17	28.04	48.3	49.1	50.2	47.3	0.1	0.1	224	277	98	96	SE	5	SSW	3	100	172	Cloudy, showers p.	
20	28.06	27.93	48.3	49.1	50.2	47.3	0.1	0.1	197	224	76	84	WNW	6	W	6	100	011	a. Dull.	
21	27.95	27.82	48.3	49.1	50.2	47.3	0.1	0.1	224	277	98	96	SE	5	SSW	3	100	172	a. Dull. from 20 h.	
22	27.84	27.71	48.3	49.1	50.2	47.3	0.1	0.1	197	224	76	84	WNW	6	W	6	100	011	showers till 15 h.	
23	27.73	27.60	48.3	49.1	50.2	47.3	0.1	0.1	224	277	98	96	SE	5	SSW	3	100	172	a. showers from 13 h.	
24	27.62	27.49	48.3	49.1	50.2	47.3	0.1	0.1	197	224	76	84	WNW	6	W	6	100	011	Dull, with.	
25	27.51	27.38	48.3	49.1	50.2	47.3	0.1	0.1	224	277	98	96	SE	5	SSW	3	100	172	from 16 h. at times.	
26	27.40	27.27	48.3	49.1	50.2	47.3	0.1	0.1	197	224	76	84	WNW	6	W	6	100	011	a. Overcast. after 17 h.	
27	27.29	27.16	48.3	49.1	50.2	47.3	0.1	0.1	224	277	98	96	SE	5	SSW	3	100	172	Overcast, with.	
28	27.18	27.05	48.3	49.1	50.2	47.3	0.1	0.1	197	224	76	84	WNW	6	W	6	100	011	Fine, but cloudy.	
29	27.07	26.94	48.3	49.1	50.2	47.3	0.1	0.1	224	277	98	96	SE	5	SSW	3	100	172	Overcast, with.	
30	26.96	26.83	48.3	49.1	50.2	47.3	0.1	0.1	197	224	76	84	WNW	6	W	6	100	011	Fine, but cloudy.	
31	29.93	30.01	45.3	47.9	48.0	43.0	0.5	0.0	291	334	96	100	SW	2	WSW	1	10	100	020	Overcast, with.
M.	29.245	29.256	44.1	44.2	47.6	41.1	1.3	1.1	265	268	91	92	3.2	4.1	7.7	6.8	6.919	42	37.2	Overcast, with.

STONYHURST, LANCASHIRE, a.—DECEMBER 1911.

Heights above Mean Sea Level:—Station, H=375 ft.; Barometer, H_b=363 ft. Heights above Ground:—Therms., h_t=7 ft. Rain-gauge, h_r=2 ft.
Long. 2° 28' W. Lat. 53° 51' N. Gravity Correction, +0.023 in. Time, Local mean time.

1	29.65	29.57	46.0	46.3	48.0	45.3	1.0	1.3	287	283	93	91	S	12	S	15	10	10	—	0.6	42	Cloudy, with mist.	24 h.
2	51	29	49.0	50.3	51.4	46.3	2.0	2.3	298	306	86	84	S	16	S	28	10	10	120	1.1	43	Cloudy, with mist.	
3	35	30	41.7	41.3	50.4	40.5	0.9	1.3	246	232	93	90	—	2	S	8	4	5	100	1.0	33	showers a. Fine.	19 h.
4	37	33	42.7	36.3	43.0	34.7	1.2	2.3	198	172	89	80	SW	4	SE	4	100	5	120	0.7	29	Cold showers.	14 h.
5	02	30	42.7	39.0	45.2	35.3	2.2	1.2	228	214	84	90	S	6	SW	4	8	5	275	0.5	30	Sunny through mist.	
6	58	34	37.0	40.0	49.8	34.7	1.3	2.7	195	194	89	78	—	2	S	22	6	10	250	1.4	31	8 h., then fine.	
7	08	29.30	38.5	39.0	43.0	36.1	1.5	2.0	203	199	87	84	W	4	W	7	5	3	025	3.9	33	Fine.	
8	28	28.77	35.7	37.0	40.5	33.5	1.6	1.8	180	186	85	85	SE	4	E	4	0	10	620	—	28	* 18 h.-23 h.	
9	28.92	29.10	40.0	30.7	42.0	33.5	2.0	2.2	207	177	84	82	W	16	SSW	6	8	10	290	1.9	32	noon. Sunny intervals.	
10	77	28.40	44.7	46.0	49.4	36.0	2.2	2.4	247	257	84	83	SE	15	SE	7	10	10	770	—	32	Overcast, with.	
11	28.49	28.90	41.6	40.6	46.0	37.8	2.1	1.6	220	219	84	87	W	21	SE	6	100	5	060	1.8	33	showers.	
12	29.11	29.20	40.0	42.0	44.8	36.9	2.7	1.0	194	245	78	92	S	8	—	2	7	10	—	1.0	33	Sunny through mist.	18 h.
13	00	02	41.2	45.0	46.9	38.5	2.2	3.0	213	233	83	78	E	19	S	13	8	0	610	—	35	Cold wind. showers.	
14	29.13	16	38.3	44.2	47.0	38.3	1.1	1.6	209	255	91	88	—	1	SE	11	10	10	260	0.1	35	then fair. 21 h.	
15	28.86	10	45.0	43.5	46.8	41.7	1.8	2.3	257	233	86	82	ESE	8	SW	13	10	5	330	—	37	Dull. from noon.	
16	29.34	26	41.2	48.3	48.3	40.0	2.2	1.3	213	306	83	91	SW	5	S	19	10	100	145	—	33	14 h.-16 h., and 19 h.-21 h.	
17	30	36	48.7	49.0	52.0	47.5	1.9	2.0	298	298	87	86	S	7	S	10	9	100	090	—	37	Fine a., then showers.	
18	14	12	52.8	45.0	53.0	45.0	3.8	2.4	301	245	75	82	S	37	SSW	7	10	10	140	1.3	45	all day.	
19	29.19	18	43.0	44.6	48.4	42.5	1.7	2.6	240	237	86	80	S	6	S	14	4	0	375	—	39	Fine a. Cloudy. Clear n.	
20	28.75	05	49.0	44.0	49.9	43.5	1.0	1.4	322	257	93	89	SSE	14	WSW	9	100	10	335	—	39	* all day. a. n.	
21	28.87	19	38.2	42.8	44.5	37.5	1.2	1.8	206	236	90	86	NNE	6	W	12	3	100	150	—	33	Fine and mild. a. n.	
22	29.29	09	39.3	38.4	44.8	37.5	1.0	1.5	221	202	92	88	—	2	NE	4	10	10	—	—	34	Overcast, with mist p.	S.E.
23	29.64	51	36.0	39.0	40.5	33.3	1.0	2.3	193	194	91	82	—	2	S	7	1	10	200	0.2	27	Fine. Light cir. from S.E.	showers
24	28.91	29.00	47.5	40.0	48.8	38.5	1.8	3.5	285	181	87	73	SSW	15	W	12	100	0	040	1.9	30	7 h.-10 h. Fine. showers	
25	28.93	28.99	37.5	42.6	43.0	34.7	3.5	1.6	161	238	71	87	—	3	W	20	10	100	235	—	32	from 17 h.-21 h.	
26	29.26	29.13	42.0	36.5	43.8	36.5	1.0	1.3	245	191	92	89	SW	8	N	5	10	2	360	0.1	31	15 h.-19 h.	
27	42	59	40.0	40.8	43.3	35.5	1.0	0.9	226	236	92	93	—	2	W	3	8	100	290	0.1	31	Very misty, with a. n.	
28	55	53	45.5	48.0	48.8	39.5	0.5	1.0	293	309	96	93	—	2	W	12	100	100	600	—	38	Dark and gloomy. p.	
29	61	57	47.7	43.6	48.8	43.3	0.7	1.0	313	261	95	92	WSW	10	SW	4	100	10	210	—	41	Thick mist.	
30	61	79	46.0	44.6	46.8	42.5	1.0	0.9	287	274	93	94	W	6	—	2	0	10	—	—	39	Mist all day.	
31	29.88	29.95	36.7	43.3	44.6	35.3	0.7	0.3	204	273	94	98	—	1	—	1	5	100	150	—	31		
M.	29.216	29.238	42.2	42.5	46.5	38.8	1.6	1.8	238	237	88	86	9	9	7.6	7.7	7.155	18	34.3				

* Miles per hour.

SOUTHAMPTON, HAMPSHIRE, a.—DECEMBER 1911.

Heights above Mean Sea Level:—Station, $H = 64$ ft.; Barometer, $H_b = 84$ ft. Heights above Ground:—Therms., $h_t = 4.5$ ft. Rain-gauge, $h_r = 1$ ft.
Long. $1^{\circ} 24'$ W. Lat. $50^{\circ} 55'$ N. Gravity Correction, $+0.16$ in. Time, Local mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.				Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ing 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.					
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.	9 h.	21 h.	9 h.		21 h.				
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.											
1	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%	SE	†	3	10	100	°08	—	43	● 11 h.—15 h. ● till 22 h.		
2	30°11	30°05	44°1	47°0	47°2	37°5	1°1	1°0	°264	°298	91	93	SW	2	SW	3	10	°08	—	43	● till 22 h.		
3	30°00	29°85	49°0	49°8	49°8	46°8	1°0	1°8	°322	°312	93	87	SW	3	SW	4	10	°200	—	46	Dull and damp. ● from 21 h.		
4	29°77	°78	50°5	45°0	54°0	34°9	1°0	1°0	°342	°275	93	92	SW	1	SW	1	5	°195	3°4	38	● till 3 h. and from 22 h.		
5	°84	°77	41°9	43°2	47°2	39°5	0°9	1°7	°246	°243	93	87	W	2	SE	3	6	°355	5°5	29	● till 5 h. ▲ 5 h.—5 h. 40 m.		
6	29°49	°77	44°9	37°6	50°1	37°3	1°0	0°4	°275	°217	93	97	S	1	SW	2	8	°	—	32	Fine. ● p.		
7	30°00	°86	30°5	49°5	46°8	29°8	0°9	2°8	°150	°247	87	81	W	2	SE	5	10	°980	3°2	23	— 2 3 4 5 6 7 8 9 10 11 12		
8	29°34	°70	45°8	36°3	47°0	35°6	1°0	1°2	°286	°192	93	90	SW	5	NW	3	10	°040	4°4	42	Stormy and wet till 10 h.		
9	°62	°13	37°5	45°1	45°2	29°6	0°9	0°9	°207	°279	92	93	SE	2	SW	6	8	°600	—	22	● a and p. U		
10	°42	29°62	39°0	41°0	46°8	36°0	1°4	1°5	°200	°225	88	88	NW	2	NW	3	4	°100	2°80	6°0	30	● till 5 h. Fine.	
11	°17	28°90	46°2	45°5	50°3	40°0	1°1	0°9	°287	°284	93	94	SE	6	SE	4	10	°655	—	32	High wind and ●.		
12	°14	29°40	43°9	38°9	48°7	38°7	1°8	1°1	°247	°216	86	92	NW	2	NW	2	4	°	—	4°6	39	Fine.	
13	°57	°57	39°2	45°1	51°9	34°2	1°1	0°8	°218	°281	91	93	W	2	SE	3	5	°	—	1°30	37	25	Fine.
14	°29	40°	46°9	47°9	52°2	44°9	1°8	1°0	°278	°309	88	93	SE	5	SE	3	10	°475	°07	40	● showers 9 h., 11 h. and 14 h.		
15	°55	49°	44°9	49°2	51°0	40°2	1°0	1°9	°275	°303	93	87	W	2	SE	3	4	°	—	1°0	36	● till 6 h. Fine.	
16	°20	°66	49°0	43°9	50°4	43°6	0°9	0°9	°325	°266	94	93	SW	2	SW	2	10	°	—	°	29	● 9 h. Fine. ● from 11 h.	
17	°82	°79	44°2	50°9	51°1	37°9	1°1	0°8	°265	°351	92	95	SW	2	SW	4	10	°	—	°	29	● till 6 h. Fine.	
18	°81	°86	51°9	51°1	52°3	50°5	0°9	1°1	°362	°347	94	92	SW	4	SE	4	10	°345	—	29	● 9 h. 30 m.—12 h. and 18 h.		
19	°72	°62	51°0	51°2	51°0	48°4	2°1	0°9	°321	°353	85	94	SW	3	SW	4	10	°450	—	49	● a and p.		
20	°66	°69	51°7	49°5	53°5	48°0	1°2	1°0	°352	°328	92	93	SW	3	SW	4	10	°610	—	48	(8 h. ● most of day.		
21	29°12	°55	50°0	45°0	51°9	4																	

FALMOUTH, CORNWALL, a.e.—DECEMBER 1911.

Heights above Mean Sea Level :—Station, H = 167 ft. ; Barometer, H_0 = 183 ft. Heights above Ground :—Therms., h_t = 4 ft. Rain-gauge, h_r = 5 ft. 6 in.
Long 5° 4' W. Lat. 50° 9' N. Gravity Correction, + 0.13 in. Time, Greenwich mean time.

1	29°50'	29°55'	29°58'	30°00'	30°02'	30°04'	30°06'	30°08'	30°10'	30°12'	30°14'	30°16'	30°18'	30°20'	30°22'	30°24'	30°26'	30°28'	30°30'	30°32'	30°34'	30°36'	30°38'	30°40'	30°42'	30°44'	30°46'	30°48'	30°50'	30°52'	30°54'	30°56'	30°58'	31°00'	31°02'	31°04'	31°06'	31°08'	31°10'	31°12'	31°14'	31°16'	31°18'	31°20'	31°22'	31°24'	31°26'	31°28'	31°30'	31°32'	31°34'	31°36'	31°38'	31°40'	31°42'	31°44'	31°46'	31°48'	31°50'	31°52'	31°54'	31°56'	31°58'	32°00'	32°02'	32°04'	32°06'	32°08'	32°10'	32°12'	32°14'	32°16'	32°18'	32°20'	32°22'	32°24'	32°26'	32°28'	32°30'	32°32'	32°34'	32°36'	32°38'	32°40'	32°42'	32°44'	32°46'	32°48'	32°50'	32°52'	32°54'	32°56'	32°58'	33°00'	33°02'	33°04'	33°06'	33°08'	33°10'	33°12'	33°14'	33°16'	33°18'	33°20'	33°22'	33°24'	33°26'	33°28'	33°30'	33°32'	33°34'	33°36'	33°38'	33°40'	33°42'	33°44'	33°46'	33°48'	33°50'	33°52'	33°54'	33°56'	33°58'	34°00'	34°02'	34°04'	34°06'	34°08'	34°10'	34°12'	34°14'	34°16'	34°18'	34°20'	34°22'	34°24'	34°26'	34°28'	34°30'	34°32'	34°34'	34°36'	34°38'	34°40'	34°42'	34°44'	34°46'	34°48'	34°50'	34°52'	34°54'	34°56'	34°58'	35°00'	35°02'	35°04'	35°06'	35°08'	35°10'	35°12'	35°14'	35°16'	35°18'	35°20'	35°22'	35°24'	35°26'	35°28'	35°30'	35°32'	35°34'	35°36'	35°38'	35°40'	35°42'	35°44'	35°46'	35°48'	35°50'	35°52'	35°54'	35°56'	35°58'	36°00'	36°02'	36°04'	36°06'	36°08'	36°10'	36°12'	36°14'	36°16'	36°18'	36°20'	36°22'	36°24'	36°26'	36°28'	36°30'	36°32'	36°34'	36°36'	36°38'	36°40'	36°42'	36°44'	36°46'	36°48'	36°50'	36°52'	36°54'	36°56'	36°58'	37°00'	37°02'	37°04'	37°06'	37°08'	37°10'	37°12'	37°14'	37°16'	37°18'	37°20'	37°22'	37°24'	37°26'	37°28'	37°30'	37°32'	37°34'	37°36'	37°38'	37°40'	37°42'	37°44'	37°46'	37°48'	37°50'	37°52'	37°54'	37°56'	37°58'	38°00'	38°02'	38°04'	38°06'	38°08'	38°10'	38°12'	38°14'	38°16'	38°18'	38°20'	38°22'	38°24'	38°26'	38°28'	38°30'	38°32'	38°34'	38°36'	38°38'	38°40'	38°42'	38°44'	38°46'	38°48'	38°50'	38°52'	38°54'	38°56'	38°58'	39°00'	39°02'	39°04'	39°06'	39°08'	39°10'	39°12'	39°14'	39°16'	39°18'	39°20'	39°22'	39°24'	39°26'	39°28'	39°30'	39°32'	39°34'	39°36'	39°38'	39°40'	39°42'	39°44'	39°46'	39°48'	39°50'	39°52'	39°54'	39°56'	39°58'	40°00'	40°02'	40°04'	40°06'	40°08'	40°10'	40°12'	40°14'	40°16'	40°18'	40°20'	40°22'	40°24'	40°26'	40°28'	40°30'	40°32'	40°34'	40°36'	40°38'	40°40'	40°42'	40°44'	40°46'	40°48'	40°50'	40°52'	40°54'	40°56'	40°58'	41°00'	41°02'	41°04'	41°06'	41°08'	41°10'	41°12'	41°14'	41°16'	41°18'	41°20'	41°22'	41°24'	41°26'	41°28'	41°30'	41°32'	41°34'	41°36'	41°38'	41°40'	41°42'	41°44'	41°46'	41°48'	41°50'	41°52'	41°54'	41°56'	41°58'	42°00'	42°02'	42°04'	42°06'	42°08'	42°10'	42°12'	42°14'	42°16'	42°18'	42°20'	42°22'	42°24'	42°26'	42°28'	42°30'	42°32'	42°34'	42°36'	42°38'	42°40'	42°42'	42°44'	42°46'	42°48'	42°50'	42°52'	42°54'	42°56'	42°58'	43°00'	43°02'	43°04'	43°06'	43°08'	43°10'	43°12'	43°14'	43°16'	43°18'	43°20'	43°22'	43°24'	43°26'	43°28'	43°30'	43°32'	43°34'	43°36'	43°38'	43°40'	43°42'	43°44'	43°46'	43°48'	43°50'	43°52'	43°54'	43°56'	43°58'	44°00'	44°02'	44°04'	44°06'	44°08'	44°10'	44°12'	44°14'	44°16'	44°18'	44°20'	44°22'	44°24'	44°26'	44°28'	44°30'	44°32'	44°34'	44°36'	44°38'	44°40'	44°42'	44°44'	44°46'	44°48'	44°50'	44°52'	44°54'	44°56'	44°58'	45°00'	45°02'	45°04'	45°06'	45°08'	45°10'	45°12'	45°14'	45°16'	45°18'	45°20'	45°22'	45°24'	45°26'	45°28'	45°30'	45°32'	45°34'	45°36'	45°38'	45°40'	45°42'	45°44'	45°46'	45°48'	45°50'	45°52'	45°54'	45°56'	45°58'	46°00'	46°02'	46°04'	46°06'	46°08'	46°10'	46°12'	46°14'	46°16'	46°18'	46°20'	46°22'	46°24'	46°26'	46°28'	46°30'	46°32'	46°34'	46°36'	46°38'	46°40'	46°42'	46°44'	46°46'	46°48'	46°50'	46°52'	46°54'	46°56'	46°58'	47°00'	47°02'	47°04'	47°06'	47°08'	47°10'	47°12'	47°14'	47°16'	47°18'	47°20'	47°22'	47°24'	47°26'	47°28'	47°30'	47°32'	47°34'	47°36'	47°38'	47°40'	47°42'	47°44'	47°46'	47°48'	47°50'	47°52'	47°54'	47°56'	47°58'	48°00'	48°02'	48°04'	48°06'	48°08'	48°10'	48°12'	48°14'	48°16'	48°18'	48°20'	48°22'	48°24'	48°26'	48°28'	48°30'	48°32'	48°34'	48°36'	48°38'	48°40'	48°42'	48°44'	48°46'	48°48'	48°50'	48°52'	48°54'	48°56'	48°58'	49°00'	49°02'	49°04'	49°06'	49°08'	49°10'	49°12'	49°14'	49°16'	49°18'	49°20'	49°22'	49°24'	49°26'	49°28'	49°30'	49°32'	49°34'	49°36'	49°38'	49°40'	49°42'	49°44'	49°46'	49°48'	49°50'	49°52'	49°54'	49°56'	49°58'	50°00'	50°02'	50°04'	50°06'	50°08'	50°10'	50°12'	50°14'	50°16'	50°18'	50°20'	50°22'	50°24'	50°26'	50°28'	50°30'	50°32'	50°34'	50°36'	50°38'	50°40'	50°42'	50°44'	50°46'	50°48'	50°50'	50°52'	50°54'	50°56'	50°58'	51°00'	51°02'	51°04'	51°06'	51°08'	51°10'	51°12'	51°14'	51°16'	51°18'	51°20'	51°22'	51°24'	51°26'	51°28'	51°30'	51°32'	51°34'	51°36'	51°38'	51°40'	51°42'	51°44'	51°46'	51°48'	51°50'	51°52'	51°54'	51°56'	51°58'	52°00'	52°02'	52°04'	52°06'	52°08'	52°10'	52°12'	52°14'	52°16'	52°18'	52°20'	52°22'	52°24'	52°26'	52°28'	52°30'	52°32'	52°34'	52°36'	52°38'	52°40'	52°42'	52°44'	52°46'	52°48'	52°50'	52°52'	52°54'	52°56'	52°58'	53°00'	53°02'	53°04'	53°06'	53°08'	53°10'	53°12'	53°14'	53°16'	53°18'	53°20'	53°22'	53°24'	53°26'	53°28'	53°30'	53°32'	53°34'	53°36'	53°38'	53°40'	53°42'	53°44'	53°46'	53°48'	53°50'	53°52'	53°54'	53°56'	53°58'	54°00'	54°02'	54°04'	54°06'	54°08'	54°10'	54°12'	54°14'	54°16'	54°18'	54°20'	54°22'	54°24'	54°26'	54°28'	54°30'	54°32'	54°34'	54°36'	54°38'	54°40'	54°42'	54°44'	54°46'	54°48'	54°50'	54°52'	54°54'	54°56'	54°58'	55°00'	55°02'	55°04'	55°06'	55°08'	55°10'	55°12'	55°14'	55°16'	55°18'	55°20'	55°22'	55°24'	55°26'	55°28'	55°30'	55°32'	55°34'	55°36'	55°38'	55°40'	55°42'	55°44'	55°46'	55°48'	55°50'	55°52'	55°54'	55°56'	55°58'	56°00'	56°02'	56°04'	56°06'	56°08'	56°10'	56°12'	56°14'	56°16'	56°18'	56°20'	56°22'	56°24'	56°26'	56°28'	56°30'	56°32'	56°34'	56°36'	56°38'	56°40'	56°42'	56°44'	56°46'	56°48'	56°50'	56°52'	56°54'	56°56'	56°58'	57°00'	57°02'	57°04'	57°06'	57°08'	57°10'	57°12'	57°14'	57°16'	57°18'	57°20'	57°22'	57°24'	57°26'	57°28'	57°30'	57°32'	57°34'	57°36'	57°38'	57°40'	57°42'	57°44'	57°46'	57°48'	57°50'	57°52'	57°54'	57°56'	57°58'	58°00'	58°02'	58°04'	58°06'	58°08'	58°10'	58°12'	58°14'	58°16'	58°18'	58°20'	58°22'	58°24'	58°26'	58°28'	58°30'	58°32'	58°34'	58°36'	58°38'	58°40'	58°42'	58°44'	58°46'	58°48'	58°50'	58°52'	58°54'	58°56'	58°58'	59°00'	59°02'	59°04'	59°06'	59°08'	59°10'	59°12'	59°14'	59°16'	59°18'	59°20'	59°22'	59°24'	59°26'	59°28'	59°30'	59°32'	59°34'	59°36'	59°38'	59°40'	59°42'	59°44'	59°46'	59°48'	59°50'	59°52'	59°54'	59°56'	59°58'	60°00'	60°02'	60°04'	60°06'	60°08'	60°10'	60°12'	60°14'	60°16'	60°18'	60°20'	60°22'	60°24'	60°26'	60°28'	60°30'	60°32'	60°34'	60°36'	60°38'	60°40'	60°42'	60°44'	60°46'	60°48'	60°50'	60°52'	60°54'	60°56'	60°58'	61°00'	61°02'	61°04'	61°06'	61°08'	61°10'	61°12'	61°14'	61°16'	61°18'	61°20'	61°22'	61°24'	61°26'	61°28'	61°30'	61°32'	61°34'	61°36'	61°38'	61°40'	61°42'	61°44'	61°46'	61°48'	61°50'	61°52'	61°54'	61°56'	61°58'	62°00'	62°02'	62°04'	62°06'	62°08'	62°10'	62°12'	62°14'	62°16'	62°18'	62°20'	62°22'	62°24'	62°26'	62°28'	62°30'	62°32'	62°34'	62°36'	62°38'	62°40'	62°42'	62°44'	62°46'	62°48'	62°50'	62°52'	62°54'	62°56'	62°58'	63°00'	63°02'	63°04'	63°06'	63°08'	63°10'	63°12'	63°14'	63°16'	63°18'	63°20'	63°22'	63°24'	63°26'	63°28'	63°30'	63°32'	63°34'	63°36'	63°38'	63°40'	63°42'	63°44'	63°46'	63°48'	63°50'	63°52'	63°54'	63°56'	63°58'	64°00'	64°02'	64°04'	64°06'	64°08'	64°10'	64°12'	64°14'	64°16'	64°18'	64°20'	64°22'	64°24'	64°26'	64°28'	64°30'	64°32'	64°34'	64°36'	64°38'	64°40'	64°42'	64°44'	64°46'	64°48'	64°50'	64°52'	64°54'	64°56'	64°58'	65°00'	65°02'	65°04'	65°06'	65°08'	65°10'	65°12'	65°14'	65°16'	65°18'	65°20'	65°22'	65°24'	65°26'	65°28'	65°30'	65°32'	65°34'	65°36'	65°38'	65°40'	65°42'	65°44'	65°46'	65°48'	65°50'	65°52'	65°54'	65°56'	65°58'	66°00'	66°02'	66°04'	66°06'	66°08'	66°10'	66°12'	66°14'	66°16'	66°18'	66°20'	66°22'	66°24'	66°26'	66°28'	66°30'	66°32'	66°34'	66°36'	66°38'	66°40'	66°42'	66°44'	66°46'	66°48'	66°50'	66°52'	66°54'	66°56'	66°58'	67°00'	67°02'	67°04'	67°06'	67°08'	67°10'	67°12'	67°14'	67°16'	67°18'	67°20'	67°22'	67°24'	67°26'	67°28'	67°30'	67°32'	67°34'	67°36'	67°38'	67°40'	67°42'	67°44'	67°46'	67°48'	67°50'	67°52'	67°54'	67°56'	67°58'	68°00'	68°02'	68°04'	68°06'	68°08'	68°10'	68°12'	68°14'	68°16'	68°18'	68°20'	68°22'	68°24'	68°26'	68°28'	68°30'	68°32'	68°34'	68°36'	68°38'	68°40'	68°42'	68°44'	68°46'	68°48'	68°50'	68°52'	68°54'	68°56'	68°58'	69°00'	69°02'	69°04'	69°06'	69°08'	69°10'	69°12'	69°14'	69°16'	69°18'	69°20'	69°22'	69°24'	69°26'	69°28'	69°30'	69°32'	69°34'	69°36'	69°38'	69°40'	69°42'	69°44'	69°46'	69°48'	69°50'	69°52'	69°54'	69°56'	69°58'	70°00'	70°02'	70°04'	70°06'	70°08'	70°10'	70°12'	70°14'	70°16'	70°18'	70°20'	70°22'	70°24'	70°26'	70°28'	70°30'	70°32'	70°34'	70°36'	70°38'	70°40'	70°42'	70°44'	70°46'	70°48'	70°50'	70°52'	70°54'	70°56'	70°58'	71°00'	71°02'	71°04'	71°06'	71
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* Miles per hour.

† Beaufort Scale (0-12).

ARMAGH, a.—DECEMBER 1911.

ARMAGH, a.—DECEMBER 1911.
 Heights above Mean Sea Level:—Station, H=196 ft.; Barometer, H_b=202 ft. Heights above Ground:—Therms., h_t=4 ft. Rain-gauge, h_r=1 ft.
 Long. 6° 39' W. Lat. 54° 21' N. Gravity Correction, +.025 in. Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.						Wind Direction and Force (0-12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours beginning 9 h.	Sunshine.	Temp. on Grass.	Remarks.			
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.	9 h.	21 h.	9 h.				21 h.		
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.											
1	ins.	ins.	44.8	48.0	49.7	42.0	1.8	1.0	.255	.309	86	93	S	15	SSW	10	10	9	ins.	hrs.	°	Stormy a. ● p.	
2	29.58	29.51	44.8	48.0	49.7	42.0	1.8	1.0	.255	.309	86	93	SSE	8	SSW	15	10	.073	—	40	Overcast. ● 15 h.—17 h.		
3	.47	.27	44.8	48.0	49.7	42.0	1.8	1.0	.255	.309	86	93	S	6	SSW	7	0	.100	4.0	36	Fine.		
4	.39	.42	44.8	48.0	49.7	42.0	1.8	1.0	.255	.309	86	93	S	6	SE	21	0	.100	.550	4.7	31	Fine till 18 h., then ●.	
5	29.51	.45	44.8	48.0	49.7	42.0	1.8	1.0	.255	.309	86	93	SW	6	SE	21	0	.100	.135	—	34	● a. Overcast.	
6	29.51	.45	44.8	48.0	49.7	42.0	1.8	1.0	.255	.309	86	93	SW	19	SW	10	10	.100	.427	2.2	29	Fine a. ● from 17 h.	
7	29.62	29.49	44.8	48.0	49.7	42.0	1.8	1.0	.255	.309	86	93	SW	8	SSW	8	0	.100	.070	4.2	29	Fine.	
8	.29	.45	44.8	48.0	49.7	42.0	1.8	1.0	.255	.309	86	93	SW	8	SSW	8	0	.100	.170	—	30	— till noon.	
9	.04	.28	44.8	48.0	49.7	42.0	1.8	1.0	.255	.309	86	93	SE	15	SW	4	100	3	.105	5.2	29	● a. Fine.	
10	29.13	29.07	44.8	48.0	49.7	42.0	1.8	1.0	.255	.309	86	93	SE	8	SW	8	11	0	.328	—	35	● all day.	
11	29.71	29.64	44.8	48.0	49.7	42.0	1.8	1.0	.255	.309	86	93	SW	4	—	2	100	10	.030	3.1	32	Fine.	
12	29.77	29.69	44.8	48.0	49.7	42.0	1.8	1.0	.255	.309	86	93	SW	7	SW	10	1	0	.13	33	33	Fine.	
13	29.13	29.08	44.8	48.0	49.7	42.0	1.8	1.0	.255	.309	86	93	E	12	S	12	9	8	.430	—	40	● 10 h.—16 h.	
14	29.18	29.10	44.8	48.0	49.7	42.0	1.8	1.0	.255	.309	86	93	E	15	S	14	10	10	.590	4.9	36	Fine.	
15	29.89	29.81	44.8	48.0	49.7	42.0	1.8	1.0	.255	.309	86	93	E	10	SE	6	0	10	.070	—	35	● showers.	
16	29.33	.19	44.8	48.0	49.7	42.0	1.8	1.0	.255	.309	86	93	E	6	SW	16	100	7	.348	—	32	Very damp with drizzle.	
17	29.18	.15	44.7	49.3	50.1	36.3	1.6	0.7	.230	.334	88	95	SSE	11	S	18	10	10	.150	3.7	40	Te 7 h.—8 h., then fine.	
18	29.84	.27	46.0	47.6	52.1	40.9	2.0	1.9	.265	.284	86	87	S	10	S	13	0	9	.097	—	43	● till 13 h.	
19	29.18	.07	52.7	45.5	54.0	45.5	0.5	2.5	.384	.248	96	82	S	23	S	15	100	10	.212	3.4	39	Fine.	
20	.00	.12	41.0	39.0	46.7	39.0	0.3	1.3	.18	.264	.260	90	87	S	12	SE	10	0	—	4.3	40	Fine.	
21	.09	.35	33.8	35.5	43.7	33.0	0.0	0.5	.194	.198	100	95	SW	5	SW	7	9	0	.020	—	29	— early a. A few ● showers.	
22	.37	.43	35.3	30.8	41.0	30.6	3.5	0.3	.143	.166	69	96	SW	7	—	2	10	4	—	—	31	Overcast.	
23	29.74	.28	34.6	41.8	42.0	30.6	0.8	2.2	.185	.221	93	84	SW	5	SE	21	10	10	.405	—	25	— a. Overcast.	
24	29.83	.07	43.7	33.7	48.3	33.7	1.8	1.1	.246	.171	86	88	SSW	21	SSW	7	10	3	.050	0.1	39	● showers.	
25	29.01	.28	35.5	43.0	33.0	31.8	0.5	1.0	.198	.215	95	92	S	7	WSW	4	8	0	.115	0.3	25	● 12 h.—17 h.	
26	.33	.42	39.7	33.7	41.2	33.7	0.7	0.7	.230	.180	94	92	SSW	7	S	4	10	5	.325	—	34	Drizzle from 13 h.	
27	.61	.60	50.5	44.7	44.7	32.1	0.2	0.7	.212	.279	98	94	—	2	S	7	10	100	.155	—	37	Overcast.	
28	.68	.59	49.0	51.4	44.7	40.6	0.2	0.2	.352	.343	96	99	SW	12	SW	7	10	100	.193	—	43	Cloudy till 17 h.	
29	.78	29.88	48.0	46.5	50.3	46.5	0.4	1.5	.325	.281	97	89	SSW	6	S	9	10	2	.050	0.1	41	Overcast.	
30	.97	30.05	43.4	42.3	48.0	42.0	0.2	1.0	.276	.249	99	92	SW	9	S	10	10	—	—	—	36	Overcast.	
31	29.59	29.25	40.8	40.9	46.0	37.1	0.9	1.1	.239	.238	92	91	SSW	8	SW	10	10	10	—	—	—	—	—

MARKREE CASTLE, SLIGO, a.b.—DECEMBER 1911.

Heights above Mean Sea Level:—Station, H = 122 ft.; Barometer, $H_0 = 127$ ft. Heights above Ground:—Therms., $h_t = 4$ ft. Rain-gauge, $h_r = 1$ ft.
Long. $8^\circ 27'$ W. Lat. $54^\circ 11'$ N. Gravity Correction, $+0.024$ in. Time, Dublin mean time.

29	35	29	61	47	40	52	39	3	0	253	234	79	92	SE	3	Calm	0	10	0	07	—	34	Squally with. ● showers a. and p.							
3	50	30	48	47	40	42	44	1	5	217	200	88	74	SE	3	S	2	10	0	30	—	27	High wind and ● showers a. and p.							
4	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	Calm	0	10	6	05	0'1	31	● showers. [p.							
5	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
6	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
7	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
8	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
9	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
10	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
11	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
12	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
13	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
14	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
15	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
16	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
17	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
18	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
19	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
20	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
21	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
22	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
23	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
24	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
25	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
26	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
27	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
28	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
29	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
30	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
31	29	29	48	36	35	40	35	1	5	207	184	96	90	SE	0	S	5	0	10	50	2'4	25	Bright a. ● n.							
M.	29	317	29	325	40	1	40	9	47	7	35	1	2	1	0	229	238	90	92	17	13	8	0	6	3	7	27	33	329	

* Miles per hour.

† Beaufort Scale (0-12).

DUBLIN (PHENIX PARK), a.—DECEMBER 1911.

Heights above Mean Sea Level:—Station, H = 155 ft.; Barometer, $H_b = 159$ ft. Heights above Ground:—Therms., $h_t = 4$ ft.; Rain-gauge, $h_r = 1$ ft.
Long. $6^\circ 21' W$. Lat. $53^\circ 22' N$. Gravity Correction, +.022 in. Time, Dublin mean time.

Day.	Barometer at 32° Fahr. at Level and Latitude of Station.		Air Temperature.				Humidity.						Wind Direction and Force (0—12) or Velocity (miles per hour).		Cloud Amount and Weather.		Rain 24 hours begin- ning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	9 h.	21 h.	9 h.	21 h.	Max.	Min.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 h.	21 h.	9 h.	21 h.				
							9 h.	21 h.	9 h.	21 h.	9 h.	21 h.								
1	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.
2	29.70	29.62	49.0	48.1	52.1	40.9	4.4	1.0	2.47	3.11	71	93	SSW	16	SSW	15	8	10	1	0.10
3	57	39	45.5	48.1	54.9	32.0	2.2	2.6	2.55	2.73	84	82	SE	6	SW	10	10	1	0.50	1
4	47	50	44.9	32.6	48.7	32.1	2.2	0.4	2.49	1.78	85	96	SW	6	—	0	4	2	0.50	3.2
5	61	14	35.0	46.8	47.1	30.3	1.3	1.9	1.78	2.75	87	86	WSW	6	SSE	17	1	10	0.85	4.3
6	14	58	41.4	35.8	49.7	35.3	1.3	1.6	2.33	1.81	90	86	SW	21	SW	8	10	1	0.05	0.1
7	72	15	39.9	44.2	46.6	26.7	3.7	1.6	1.77	2.55	71	88	WSW	4	S	19	4	10	2.20	3.8
8	40	29.54	34.8	35.8	45.9	32.1	1.4	1.0	1.74	1.93	86	92	W	7	W	4	0	1	0.15	5.8
9	16	28.94	42.8	36.9	47.3	30.0	2.1	1.1	2.31	1.98	84	91	S	10	W	7	10	7	—	24
10	29.24	29.17	35.5	42.6	42.7	32.8	1.6	2.1	1.78	2.29	86	85	WSW	11	SSW	12	2	8	2.50	5.7
11	28.70	28.55	44.3	38.7	46.3	38.2	0.6	0.8	2.27	2.20	96	94	3	WNW	7	10	10	1	1.55	3.0
12	28.91	29.13	37.8	38.7	43.0	35.6	1.5	2.0	1.98	1.97	88	85	WSW	10	SW	11	5	0	—	3.9
13	29.25	29.25	43.0	48.5	50.9	38.1	2.2	3.5	2.30	2.59	83	76	SSW	8	S	11	2	9	0.10	3.0
14	28.84	28.99	40.5	43.8	48.9	41.9	3.1	2.5	2.46	2.32	79	80	E	21	SSW	15	10	10	4.35	4.2
15	29.26	29.16	43.3	42.4	49.9	39.2	3.4	0.8	2.10	2.54	75	94	S	10	—	3	5	10	7.40	3.9
16	04	32	38.3	39.7	48.3	37.4	1.1	2.0	2.09	2.05	91	84	WSW	12	SW	9	10	0	—	0.4
17	42	26	49.8	51.8	54.8	38.5	2.3	2.1	3.02	3.31	85	86	SE	5	SSW	17	10	1	0.15	3.1
18	29.30	29.30	37.5	49.7	52.9	47.7	3.4	3.4	2.85	2.75	77	77	SSW	19	SSW	16	3	3	0.30	2.7
19	28.96	29.00	55.0	47.7	56.8	45.0	3.2	3.5	3.47	2.50	80	76	S	29	S	6	10	3	0.50	4.4
20	29.29	29.16	46.8	49.2	50.9	45.1	2.4	4.3	2.64	2.51	83	71	S	7	SE	7	2	10	0.85	2.5
21	08	24	41.0	43.2	49.8	40.3	0.9	2.6	2.37	2.24	93	81	W	7	SW	8	8	0	—	2.2
22	16	47	39.5	40.7	43.8	37.7	0.8	2.4	2.26	2.06	94	81	NE	4	SW	11	10	1	0.10	3.2
23	46	46	35.2	38.5	41.4	33.9	0.5	0.8	1.96	2.17	95	93	—	1	NNW	8	10	0	3.80	3.1
24	85	41	32.8	48.7	48.0	31.7	0.5	3.0	1.77	2.72	95	80	—	3	SE	13	8	8	0.40	2.7
25	01	19	44.7	38.6	51.8	38.2	2.3	3.0	2.44	1.78	83	77	SW	21	SW	8	9	0	1.55	0.2
26	13	40	38.3	40.3	44.8	30.4	1.2	2.1	2.07	2.08	90	84	SW	4	WSW	10	6	0	0.25	0.2
27	43	47	41.4	34.8	48.9	34.1	1.3	0.7	2.33	1.89	90	93	SW	6	—	2	10	0	1.80	3.3
28	69	33.7	50.2	50.6	51.8	31.8	0.4	0.7	1.85	3.46	96	96	—	1	WSW	6	10	0	1.40	3.0
29	73	79	52.7	49.9	53.1	49.4	2.7	0.4	3.26	3.49	82	97	SW	14	WSW	6	10	10	0.10	4.7
30	78	68	49.4	48.7	53.3	45.6	2.0	2.9	3.03	2.75	87	81	SW	6	SW	10	10	10	0.50	4.5
31	29.87	29.97	45.0	32.0	49.3	31.0	1.1	0.3	2.73	1.75	91	96	WSW	7	—	1	6	1	—	0.2
	30.05	30.16	41.0	52.4	52.8	30.1	0.7	1.6	2.42	3.51	94	90	—	0	SW	5	8	10	—	36
																				26
M.	29.362	29.365	42.5	43.2	49.2	36.6	1.9	1.9	2.37	2.44	86	86		9		9	7.1	4.7	3.295	42
																				33.7

LIMERICK (MUNGRET COLLEGE).†—DECEMBER 1911.

Heights above Mean Sea Level:—Station, H = 47 ft.; Barometer, $H_b = 50$ ft. Heights above Ground:—Therms., $h_t = 4$ ft.; Rain-gauge, $h_r = 1$ ft.
Long. $8^\circ 41' W$. Lat. $52^\circ 38' N$. Gravity Correction, +.020 in. Time, Dublin mean time.

1	29.71	29.75	48.0	41.4	51.3	39.1	2.6	0.3	2.72	2.54	82	98	S	6	SE	2	9	3	1.50	—	34	force in gusts.
2	59	51	45.4	44.2	51.1	36.1	1.2	2.7	2.76	2.32	92	80	SE	4	S	2	10	0	1.15	—	29	
3	60	62	35.9	35.0	45.1	33.9	0.4	0.9	2.04	1.86	97	91	SE	2	S	2	4	2	0.90	0.6	25	
4	76	06	32.3	47.2	48.7	32.0	0.1	3.7	1.82	2.41	99	75	S	2	SW	7	2	1	2.45	1.4	26	in past n.
5	37	74	40.8	38.0	47.4	35.2	2.8	1.5	1.99	1.99	78	87	SW	4	SW	3	8	10	0.12	1.7	29	
6	78	21	39.5	44.1	46.1	33.7	1.0	0.6	2.22	2.76	92	95	SE	4	W	3	7	10	5.08	0.6	25	
7	57	67	35.8	35.1	46.5	34.6	0.6	0.3	1.99	1.99	95	97	SW	1	SW	2	7	8	1.93	4.7	27	in past n.
8	09	13	45.1	37.8	47.4	33.1	1.0	1.1	2.76	2.06	92	91	SW	6	W	2	10	10	1.18	0.8	29	
9	29.41	29.24	34.8	42.1	42.7	34.1	0.4	0.6	1.94	2.55	96	95	S	3	SE	3	9	10	5.10	3.7	29	
10	28.75	28.86	43.0	42.0	45.6	37.8	0.2	3.6	2.73	1.97	98	74	SE	1	NW	5	8	10	1.50	0.1	37	T _Δ ² showers in past n. in past n.
11	29.10	29.27	38.9	39.5	45.4	37.6	1.5	1.3	2.08	2.16	89	90	SW	2	S	3	8	1	1.38	0.4	32	
12	29.31	24	43.0	46.4	50.0	38.6	1.0	1.4	2.55	2.82	92	90	SE	4	SE	4	8	9	0.71	0.3	33	
13	28.78	04	44.0	43.1	46.6	42.4	1.2	1.8	2.61	2.39	90	85	NE	5	S	4	10	9	3.12	—	40	T _Δ ² showers in past n. in past n.
14	29.26	21	39.0	41.3	45.7	36.7	0.8	0.9	2.22	2.41	94	93	SE	2	NE	1	10	9	—	3.5	31	
15	27	48	38.7	41.8	46.2	35.1	1.1	1.7	2.14	2.29	91	87	SW	2	SW	2	6	5	0.80	5.2	30	
16	42	33	50.0	47.1	52.6	36.8	1.2	1.8	3.29	2.81	92	87	SW	3	S	4	9	1	2.42	—	32	T _Δ ² showers in past n. in past n.
17	36	36	44.8	49.5	51.8	44.2	1.8	2.2	2.55	2.99	86	85	S	2	S	6	3	10	2.85	2.9	39	
18	04	18	51.1	43.2	54.5	43.1	2.3	1.0	3.17	2.57	84	92	SW	5	S	4	7	5	1.30	1.4	39	
19	33	17	46.0	47.0	50.0	42.2	1.3	0.6	2.80	3.08	91	96	S	5	SW	3	2	10	2.80	1.5	35	* (sleet) during day. n. Snow on mountains n. Δ during day. Δ α.
20	26	32	41.3	39.8	48.3	38.5	0.7	1.0	2.45	2.25	95	92	SW	1	SE	2	5	0	0.29	4.8	31	
21	32	64	41.6	39.3	46.1	39.1	0.5	1.7	2.52	2.07	96	87	W	2	SW	3	8	0	2.45	1.7	33	
22	50	69	39.8	36.5	43.4	33.2	3.3	0.4	1.83	2.08	75	96	E	2	NW	2	10	0	6.88	—	30	* (sleet) during day. n. Snow on mountains n. Δ during day. Δ α.
23	93	44	34.8	50.8	51.1	28.4	0.7	2.0	1.88	3.21	93	87	SE	2	S	5	9	10	3.03	—	21	
24	22	21	44.3	39.0	51.3	35.1	0.8	1.0	2.73	2.18	94	92	SW	5	S	2	9	10	1.82	1.1	26	
25	28	60	43.0	42.0	48.3	34.7	1.7	1.2	2.40	2.41	86	91	SW	3	S	1	7	10	3.75	1.0	28	
26	47	61	43.2	47.4	51.5	37.9	0.2	1.2	2.75	2.98	98	91	W	2	SW	2	10	3	2.38	—	32	
27	75	85	45.0	53.2	53.4	40.3	0.3	0.3	2.92	3.97	98	98	SW	2	SW	2	10	10	4.73	—	39	
28	91	91	51.7	50.9	53.7	50.7	2.0	1.1	3.32	3.46	87	93	SE	1	S	3	10	10	—	—	46	
29	29.87	29.81	48.5	49.2	51.1	47.3	0.8	0.5	3.21	3.37	94	97	S	2	S	3	9	10	1.25	0.4	44	
30	30.00	30.08	41.0	37.0	49.7	36.9	0.2	0.1	2.53	2.18	98	99	S	4	Calm	0	6	0	—	2.3	29	
31	30.19	30.26	46.1	50.1	52.3	36.2	1.1	0.4	2.86	3.52	92	97	S	3	S	2	9	10	0.15	0.3	31	
M.	29.458	29.467	42.5	43.3	48.9	37.6	1.1	1.3	2.51	2.57	91	91	3.0	2.9	7.7	6.3	6.302	40	31.9			

* Miles per hour.

† Beaufort Scale (0-12).

‡ This Station takes the place of Birr Castle. The daily values for January, February, and March will be published at the end of the year.