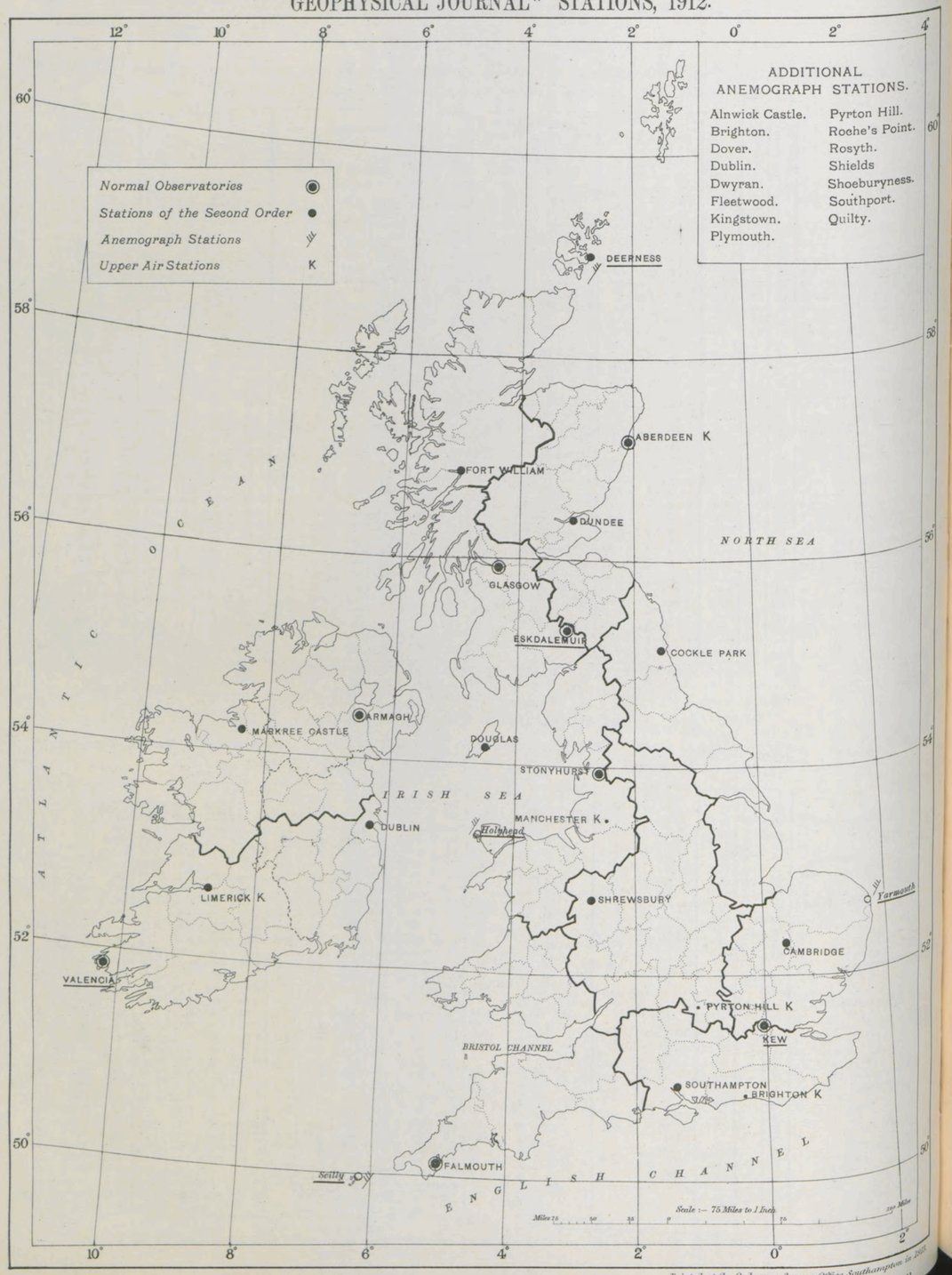
POSITIONS OF METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS AND "GEOPHYSICAL JOURNAL" STATIONS, 1912.



Observations from Stations underlined and from Upper Air Stations are published in the "Geophysical Journal."

M.O. No. 209c.

METEOROLOGICAL OFFICE.

DAILY READINGS

AT

METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS

For the Year 1912,

FORMING

PART III., SECTION 1, OF THE BRITISH METEOROLOGICAL AND MAGNETIC YEAR-BOOK.

Published by Authority of the Meteorological Committee.

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1913.

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METEOROLOGICAL DATA.

RESULTS FOR STATIONS OF THE FIRST AND SECOND ORDERS.

The numbers indicate the pages on which the information is given.

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
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	8	16	24	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

ERRATA.

Pages 5, 13, 21, 29, 37, 45,—Shrewsbury, Heights above Ground :—Thermometers, *for* "ft." *read* "m."

" 6, 14, 22, 30, 38, 46,—Southampton, " " " " " " " "

METEOROLOGICAL OFFICE.

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS.

INTRODUCTION TO THE TABLES FOR THE YEAR 1912.

THE present tables are issued in continuation of the annual volumes of "Meteorological Observations at Stations of the Second Order," which have been published since 1873. They contain daily observations made at 9 h. and 21 h. at sixteen selected stations in the British Isles. The list of stations is the same as that for last year. 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. 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 appears in twelve monthly parts, which are issued usually 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.

The results of the observations are expressed in metric units in the present volume. The units adopted for the different elements are stated below, and Tables for conversion from British to Metric Units are given on pp. vi–viii.

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

Wt. 39026/317—3—3—250—5/12. N. & Co., Ltd. Gp. XV.

Continued on p. iv.

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 (Phœnix Park) .	Lieut.-Col. C. C. J. Pery, R.E.	a	M.S. data from 1853, A. from 1886, B. from 1881, M. from 1902.
Limerick (Mungret College).	Rev. W. O'Leary, S.J.	—	M. from 1910.

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.

Hours of Observation.—Local mean time is used for the observations at fixed hours at all stations, except those marked ⚷, 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. The height of the thermometers 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.

Barometer.—The values of pressure are given for Mean Sea Level, and the readings of the instruments have been corrected for the variation of gravity with latitude. The values are therefore in true units of pressure. They are expressed in millibars. 1 millibar $= 10^3$ dynes per square centimetre $= 0{\cdot}029531$ inches $= 0{\cdot}75008$ millimetres.

Temperature.—The maximum and minimum thermometers are read and set at 21 h. The values are given in degrees absolute. The normal freezing point of water is 273° A., the normal boiling point, 373° A. Temperatures below 273° A. are printed in small type. The maximum and minimum values are indicated by the letters x and n respectively. The equation connecting pressure p, temperature T, and density ρ is $p = k\rho T$, and the value of the constant k is 2870·88 if p is in millibars, ρ in grammes per cubic centimetre, and T in degrees absolute.

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

Wind.—At stations provided with anemometers the results are taken from the instrumental records, and the velocities are expressed in metres per second (m/s). No direction is specified if the velocity is under 2 m/s, and such winds have been 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.	Metres per Second.	Miles per Hour.	Beaufort Scale.	Metres per Second.	Miles per Hour.	Beaufort Scale.	Metres per Second.	Miles per Hour.
0	0	0	5	7·9–10·5	19–24	9	20·4–23·9	47–54
1	0·2–1·1	1–3	6	10·6–13·6	25–31	10	24·0–27·9	55–63
2	1·2–2·9	4–7	7	13·7–16·7	32–38	11	28·0–33·5	64–75
3	3·0–5·1	8–12	8	16·8–20·3	39–46	12	above 33·5	above 75
4	5·2–7·8	13–18						

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. The results are expressed in millimetres.

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	⊶	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:—

$\bullet^0$ slight rain. $\bullet^2$ 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 humidity and rainfall in each column are shown in heavy type; the extreme values of temperature by the letters x and n.

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 1912 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.

TABLES FOR CONVERTING FROM BRITISH TO METRIC UNITS, AND *VICE VERSA*.

TABLE I.

Conversion of Inches into Millibars.

Pressure.

The fundamental equations are :—

1 inch = 33·8626 millibars

1 millibar = 0·0295311 inches = 0·75008 millimetres.

using 1 inch = 2·53995 cm.

g_{45} = 980·61

density of mercury at normal freezing-point of water = 13·5956.

Inches and Tenths.	0	1	2	3	4	5	6	7	8	9
	Millibars.									
27·0	914·3	914·6	915·0	915·3	915·7	916·0	916·3	916·7	917·0	917·3
27·1	917·7	918·0	918·4	918·7	919·0	919·4	919·7	920·1	920·4	920·7
27·2	921·1	921·4	921·7	922·1	922·4	922·8	923·1	923·4	923·8	924·1
27·3	924·5	924·8	925·1	925·5	925·8	926·1	926·5	926·8	927·2	927·5
27·4	927·8	928·2	928·5	928·8	929·2	929·5	929·9	930·2	930·6	930·9
27·5	931·2	931·6	931·9	932·2	932·6	932·9	933·3	933·6	933·9	934·3
27·6	934·6	935·0	935·3	935·6	936·0	936·3	936·6	937·0	937·3	937·7
27·7	938·0	938·3	938·7	939·0	939·4	939·7	940·0	940·4	940·7	941·0
27·8	941·4	941·7	942·1	942·4	942·7	943·1	943·4	943·8	944·1	944·4
27·9	944·8	945·1	945·4	945·8	946·1	946·5	946·8	947·1	947·5	947·8
28·0	948·2	948·5	948·8	949·2	949·5	949·8	950·2	950·5	950·9	951·2
28·1	951·5	951·9	952·2	952·6	952·9	953·2	953·6	953·9	954·3	954·6
28·2	954·9	955·3	955·6	955·9	956·3	956·6	957·0	957·3	957·6	958·0
28·3	958·3	958·7	959·0	959·3	959·7	960·0	960·3	960·7	961·0	961·4
28·4	961·7	962·0	962·4	962·7	963·1	963·4	963·7	964·1	964·4	964·7
28·5	965·1	965·4	965·8	966·1	966·4	966·8	967·1	967·5	967·8	968·1
28·6	968·5	968·8	969·1	969·5	969·8	970·2	970·5	970·8	971·2	971·5
28·7	971·9	972·2	972·5	972·9	973·2	973·6	973·9	974·2	974·6	974·9
28·8	975·2	975·6	975·9	976·3	976·6	976·9	977·3	977·6	978·0	978·3
28·9	978·6	979·0	979·3	979·6	980·0	980·3	980·7	981·0	981·3	981·7
29·0	982·0	982·4	982·7	983·0	983·4	983·7	984·1	984·4	984·7	985·1
29·1	985·4	985·7	986·1	986·4	986·8	987·1	987·4	987·8	988·1	988·4
29·2	988·8	989·1	989·5	989·8	990·1	990·5	990·8	991·2	991·5	991·8
29·3	992·2	992·5	992·8	993·2	993·5	993·9	994·2	994·5	994·9	995·2
29·4	995·6	995·9	996·2	996·6	996·9	997·2	997·6	997·9	998·3	998·6
29·5	998·9	999·3	999·6	1000·0	1000·3	1000·6	1001·0	1001·3	1001·7	1002·0
29·6	1002·3	1002·7	1003·0	1003·3	1003·7	1004·0	1004·4	1004·7	1005·0	1005·4
29·7	1005·7	1006·1	1006·4	1006·7	1007·1	1007·4	1007·8	1008·1	1008·4	1008·8
29·8	1009·1	1009·4	1009·8	1010·1	1010·5	1010·8	1011·1	1011·5	1011·8	1012·1
29·9	1012·5	1012·8	1013·2	1013·5	1013·8	1014·2	1014·5	1014·9	1015·2	1015·5
30·0	1015·9	1016·2	1016·6	1016·9	1017·2	1017 6	1017·9	1018·3	1018·6	1018·9
30·1	1019·3	1019·6	1019·9	1020·3	1020·6	1021·0	1021·3	1021·6	1022·0	1022·3
30·2	1022·7	1023·0	1023·3	1023·7	1024·0	1024·3	1024·7	1025·0	1025·4	1025·7
30·3	1026·0	1026·4	1026·7	1027·1	1027·4	1027·7	1028·1	1028·4	1028·7	1029·1
30·4	1029·4	1029·8	1030·1	1030·4	1030·8	1031·1	1031·5	1031·8	1032·1	1032·5
30·5	1032·8	1033·2	1033·5	1033·8	1034·2	1034·5	1034·8	1035·2	1035·5	1035·9
30·6	1036·2	1036·5	1036·9	1037·2	1037·6	1037·9	1038·2	1038·6	1038·9	1039·2
30·7	1039·6	1039·9	1040·3	1040·6	1040·9	1041·3	1041·6	1042·0	1042·3	1042·6
30·8	1043·0	1043·3	1043·6	1044·0	1044·3	1044·7	1045·0	1045·3	1045·7	1046·0
30·9	1046·4	1046·7	1047·0	1047·4	1047·7	1048·1	1048·4	1048·7	1049·1	1049·4

TABLE II.

Conversion of Degrees Absolute into Degrees Fahrenheit.

The equations are $A = 273 + \frac{5}{9}(F - 32)$, $F = 32 + \frac{9}{5}(A - 273)$.

Degrees Absolute.	0	1	2	3	4	5	6	7	8	9
	Degrees Fahrenheit.									
250	− 9·4	− 9·2	− 9·0	− 8·9	− 8·7	− 8·5	− 8·3	− 8·1	− 8·0	− 7·8
251	− 7·6	− 7·4	− 7·2	− 7·1	− 6·9	− 6·7	− 6·5	− 6·3	− 6·2	− 6·0
252	− 5·8	− 5·6	− 5·4	− 5·3	− 5·1	− 4·9	− 4·7	− 4·5	− 4·4	− 4·2
253	− 4·0	− 3·8	− 3·6	− 3·5	− 3·3	− 3·1	− 2·9	− 2·7	− 2 6	− 2·4
254	− 2·2	− 2·0	− 1·8	− 1·7	− 1·5	− 1·3	− 1·1	− 0·9	− 0·8	− 0·6
255	− 0·4	− 0·2	0·0	+ 0·1	+ 0·3	+ 0·5	+ 0·7	+ 0·9	+ 1·0	+ 1·2
256	+ 1·4	+ 1·6	+ 1·8	+ 1·9	+ 2·1	+ 2·3	+ 2·5	+ 2·7	+ 2·8	+ 3·0
257	+ 3·2	+ 3·4	+ 3·6	+ 3·7	+ 3·9	+ 4·1	+ 4·3	+ 4·5	+ 4·6	+ 4·8
258	+ 5·0	+ 5·2	+ 5·4	+ 5·5	+ 5·7	+ 5·9	+ 6·1	+ 6·3	+ 6·4	+ 6·6
259	+ 6·8	+ 7·0	+ 7·2	+ 7·3	+ 7·5	+ 7·7	+ 7·9	+ 8·1	+ 8·2	+ 8·4
260	+ 8·6	+ 8·8	+ 9·0	+ 9·1	+ 9·3	+ 9·5	+ 9·7	+ 9·9	+ 10·0	+ 10·2
261	+10·4	+10·6	+10·8	+10·9	+11·1	+11·3	+11·5	+11·7	+ 11·8	+ 12·0
262	+12·2	+12·4	+12·6	+12·7	+12·9	+13·1	+13·3	+13·5	+ 13·6	+ 13·8
263	+14·0	+14·2	+14·4	+14·5	+14·7	+14·9	+15·1	+15·3	+ 15·4	+ 15·6
264	+15·8	+16·0	+16·2	+16·3	+16·5	+16·7	+16·9	+17·1	+ 17·2	+ 17·4
265	+17·6	+17·8	+18·0	+18·1	+18·3	+18·5	+18·7	+18·9	+ 19·0	+ 19·2
266	+19·4	+19·6	+19·8	+19·9	+20·1	+20·3	+20·5	+20·7	+ 20·8	+ 21·0
267	+21·2	+21·4	+21·6	+21·7	+21·9	+22·1	+22·3	+22·5	+ 22·6	+ 22·8
268	+23·0	+23·2	+23·4	+23·5	+23·7	+23·9	+24·1	+24·3	+ 24·4	+ 24·6
269	+24·8	+25·0	+25·2	+25·3	+25·5	+25·7	+25·9	+26·1	+ 26·2	+ 26·4
270	+26·6	+26·8	+27·0	+27·1	+27·3	+27·5	+27·7	+27·9	+ 28·0	+ 28·2
271	+28·4	+28·6	+28·8	+28·9	+29·1	+29·3	+29·5	+29·7	+ 29·8	+ 30·0
272	+30·2	+30·4	+30·6	+30·7	+30·9	+31·1	+31·3	+31·5	+ 31·6	+ 31·8
273	+32·0	+32·2	+32·4	+32·5	+32·7	+32·9	+33·1	+33·3	+ 33·4	+ 33·6
274	+33·8	+34·0	+34·2	+34·3	+34·5	+34·7	+34·9	+35·1	+ 35·2	+ 35·4
275	+35·6	+35·8	+36·0	+36·1	+36·3	+36·5	+36·7	+36·9	+ 37·0	+ 37·2
276	+37·4	+37·6	+37·8	+37·9	+38·1	+38·3	+38·5	+38·7	+ 38·8	+ 39·0
277	+39·2	+39·4	+39·6	+39·7	+39·9	+40·1	+40·3	+40·5	+ 40·6	+ 40·8
278	+41·0	+41·2	+41·4	+41·5	+41·7	+41·9	+42·1	+42·3	+ 42·4	+ 42·6
279	+42·8	+43·0	+43·2	+43·3	+43·5	+43·7	+43·9	+44·1	+ 44·2	+ 44·4
280	+44·6	+44·8	+45·0	+45·1	+45·3	+45·5	+45·7	+45·9	+ 46·0	+ 46·2
281	+46·4	+46·6	+46·8	+46·9	+47·1	+47·3	+47·5	+47·7	+ 47·8	+ 48·0
282	+48·2	+48·4	+48·6	+48·7	+48·9	+49·1	+49·3	+49·5	+ 49·6	+ 49·8
283	+50·0	+50·2	+50·4	+50·5	+50·7	+50·9	+51·1	+51·3	+ 51·4	+ 51·6
284	+51·8	+52·0	+52·2	+52·3	+52·5	+52·7	+52·9	+53·1	+ 53·2	+ 53·4
285	+53·6	+53·8	+54·0	+54·1	+54·3	+54·5	+54·7	+54·9	+ 55·0	+ 55·2
286	+55·4	+55·6	+55·8	+55·9	+56·1	+56·3	+56·5	+56·7	+ 56·8	+ 57·0
287	+57·2	+57·4	+57·6	+57·7	+57·9	+58·1	+58·3	+58·5	+ 58·6	+ 58·8
288	+59·0	+59·2	+59·4	+59·5	+59·7	+59·9	+60·1	+60·3	+ 60·4	+ 60·6
289	+60·8	+61·0	+61·2	+61·3	+61·5	+61·7	+61·9	+62·1	+ 62·2	+ 62·4
290	+62·6	+62·8	+63·0	+63·1	+63·3	+63·5	+63·7	+63·9	+ 64·0	+ 64·2
291	+64·4	+64·6	+64·8	+64·9	+65·1	+65·3	+65·5	+65·7	+ 65·8	+ 66·0
292	+66·2	+66·4	+66·6	+66·7	+66·9	+67·1	+67·3	+67·5	+ 67·6	+ 67·8
293	+68·0	+68·2	+68·4	+68·5	+68·7	+68·9	+69·1	+69·3	+ 69·4	+ 69·6
294	+69·8	+70·0	+70·2	+70·3	+70·5	+70·7	+70·9	+71·1	+ 71·2	+ 71·4
295	+71·6	+71·8	+72·0	+72·1	+72·3	+72·5	+72·7	+72·9	+ 73·0	+ 73·2
296	+73·4	+73·6	+73·8	+73·9	+74·1	+74·3	+74·5	+74·7	+ 74·8	+ 75·0
297	+75·2	+75·4	+75·6	+75·7	+75·9	+76·1	+76·3	+76·5	+ 76·6	+ 76·8
298	+77·0	+77·2	+77·4	+77·5	+77·7	+77·9	+78·1	+78·3	+ 78·4	+ 78·6
299	+78·8	+79·0	+79·2	+79·3	+79·5	+79·7	+79·9	+80·1	+ 80·2	+ 80·4
300	+80·6	+80·8	+81·0	+81·1	+81·3	+81·5	+81·7	+81·9	+ 82·0	+ 82·2
301	+82·4	+82·6	+82·8	+82·9	+83·1	+83·3	+83·5	+83·7	+ 83·8	+ 84·0
302	+84·2	+84·4	+84·6	+84·7	+84·9	+85·1	+85·3	+85·5	+ 85·6	+ 85·8
303	+86·0	+86·2	+86·4	+86·5	+86·7	+86·9	+87·1	+87·3	+ 87·4	+ 87·6
304	+87·8	+88·0	+88·2	+88·3	+88·5	+88·7	+88 9	+89·1	+ 89·2	+ 89·4
305	+89·6	+89·8	+90·0	+90·1	+90·3	+90·5	+90·7	+90·9	+ 91·0	+ 91·2
306	+91·4	+91·6	+91·8	+91·9	+92·1	+92·3	+92·5	+92·7	+ 92·8	+ 93·0
307	+93·2	+93·4	+93·6	+93·7	+93·9	+94·1	+94·3	+94·5	+ 94·6	+ 94·8
308	+95·0	+95·2	+95·4	+95·5	+95·7	+95·9	+96·1	+96·3	+ 96·4	+ 96·6
309	+96·8	+97·0	+97·2	+97·3	+97·5	+97·7	+97·9	+98·1	+ 98·2	+ 98·4
310	+98·6	+98·8	+99·0	+99·1	+99·3	+99·5	+99·7	+99·9	+100·0	+100·2

TABLE III.

Conversion of Vapour Pressure. Inches to Millibars.

Inches.	0	1	2	3	4	5	6	7	8	9
	Millibars.									
0·0	0·0	0·4	0·7	1·0	1·4	1·7	2·1	2·4	2·7	3·1
0·1	3·4	3·7	4·1	4·4	4·8	5·1	5·4	5·8	6·1	6·5
0·2	6·8	7·1	7·5	7·8	8·2	8·5	8·8	9·2	9·5	9·8
0·3	10·2	10·5	10·9	11·2	11·5	11·9	12·2	12·6	12·9	13·2
0·4	13·6	13·9	14·2	14·6	14·9	15·3	15·6	15·9	16·3	16·6
0·5	17·0	17·3	17·6	18·0	18·3	18·6	19·0	19·3	19·7	20·0
0·6	20·3	20·7	21·0	21·4	21·7	22·0	22·4	22·7	23·1	23·4
0·7	23·7	24·1	24·4	24·7	25·1	25·4	25·8	26·1	26·4	26·8
0·8	27·1	27·5	27·8	28·1	28·5	28·8	29·1	29·5	29·8	30·2
0·9	30·5	30·8	31·2	31·5	31·9	32·2	32·5	32·9	33·2	33·5
1·0	33·9	34·2	34·6	34·9	35·2	35·6	35·9	36·3	36·6	36·9

TABLE IV.

Conversion of Wind Velocity in Miles per Hour into Metres per Second.

1 mile per hour = 0·44704 metres per second.

Miles per Hour.	0	1	2	3	4	5	6	7	8	9
	Metres per Second.									
0	0·0	0·5	0·9	1·3	1·8	2·2	2·7	3·1	3·6	4·0
10	4·5	4·9	5·4	5·8	6·3	6·7	7·2	7·6	8·1	8·5
20	8·9	9·4	9·8	10·3	10·7	11·2	11·6	12·1	12·5	13·0
30	13·4	13·9	14·3	14·8	15·2	15·7	16·1	16·5	17·0	17·4
40	17·9	18·3	18·8	19·2	19·7	20·1	20·6	21·0	21·5	21·9
50	22·4	22·8	23·3	23·7	24·1	24·6	25·0	25·5	26·0	26·4
60	26·8	27·3	27·7	28·2	28·6	29·1	29·5	30·0	30·4	30·9
70	31·3	31·7	32·2	32·6	33·1	33·5	34·0	34·4	34·9	35·3
80	35·8	36·2	36·7	37·1	37·6	38·0	38·4	38·9	39·3	39·8
90	40·2	40·7	41·1	41·6	42·0	42·5	42·9	43·4	43·8	44·3
100	44·7	45·2	45·6	46·0	46·5	46·9	47·4	47·8	48·3	48·7
110	49·2	49·6	50·1	50·5	51·0	51·4	51·9	52·3	52·8	53·2
120	53·6	54·1	54·5	55·0	55·4	55·9	56·3	56·8	57·2	57·7
130	58·1	58·6	59·1	59·5	59·9	60·4	60·8	61·2	61·7	62·1
140	62·5	63·0	63·5	63·9	64·4	64·8	65·3	65·7	66·2	66·6

W. N. SHAW, *Director.*

METEOROLOGICAL OFFICE, LONDON, S.W.

21st May 1912.

[*Price One Shilling.*]

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1912.

DEERNESS, ORKNEY, a.b.—JANUARY 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 49·7 m. Heights above Ground:—Therms., h_t = 1·2 m.; Rain-gauge, h_r = 0·3 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+	200+	200+	200+			millibar.				*	*	Tenths of Sky covered.		mm.	hr.	200+	
1	1015·5	1015·9	82·2	82·6	x83	80	0·2	0·4	11·2	11·2	97	95	20 5	20 5	10	10	0·8	—	—	Dull and muggy a. ●⁰ p.
2	1017·9	1008·4	81·1	80·6	x83	80	0·5	0·1	10·2	10·2	94	100	24 7	22 5	10	10●²	10·7	—	—	Dull a. ●² 16 h. 30 m.–midt.
3	1011·8	1013·5	77·8	77·2	82	77	1·7	0·7	6·8	7·5	77	89	26 13	26 5	3	8	3·3	1·0	—	Very dry. ⸝ 1 h.
4	1008·4	996·2	76·1	77·4	77	76	0·5	0·1	7·1	8·1	91	99	— 1	12 4	8	10●	8·9	0·3	—	● 2 h.–5 h. and after 18 h.
5	986·7	991·5	76·1	75·0	78	75	0·5	0·3	7·1	6·8	92	95	19 6	7 14	5●	10●²	3·8	1·1	—	● showers a. ● from 18 h.
6	993·2	991·1	74·5	73·4	76	73	1·7	1·2	5·1	4·7	69	77	7 10	6 9	10	2	0·8	—	—	✻●² n. Breezy all day.
7	999·9	1010·1	73·4	72·8	75	n 71	0·6	1·0	5·4	4·7	88	77	31 6	30 9	3	2	0·8	1·7	—	✻▲ showers. ⊠⁰
8	1012·5	1002·0	72·5	75·6	76	n 71	1·4	1·8	3·4	5·4	60	73	— 1	10 14	5	10	1·0	—	—	Fine and frosty a.
9	995·9	1006·0	76·1	77·2	77	75	0·1	1·0	7·5	7·1	99	85	9 17	10 16	10●⁰	10	2·5	—	—	⸝ 11 h., 13 h. and 15 h. ● p.
10	1014·5	1011·5	77·1	78·9	79	76	1·0	0·5	7·1	8·5	87	92	11 14	12 18	10	10	0·5	—	—	⸝ 20 h.–midt.
11																				
12	1002·3	1008·8	79·9	79·3	81	78	0·4	0·4	9·1	8·8	94	94	14 16	17 7	10∞	1	1·3	1·5	—	⸝ 1 h.–7 h.
13	1011·8	1012·5	79·5	79·5	80	79	0·4	0·4	9·1	9·1	93	93	17 8	11 8	10	2	3·3	—	—	Dull and mild.
14	1004·7	1008·1	79·5	80·7	81	79	0·2	0·1	9·5	10·2	97	98	15 14	14 16	3≡⁰	8∞	3·1	1·5	—	⸝ 6 h. Dull p.
15	1007·4	1007·7	79·6	79·9	81	79	0·1	0·2	9·5	9·5	99	97	13 17	15 7	10●	6	4·8	—	—	●⸝ a. and p.
16	1011·5	1006·7	79·0	77·8	80	78	0·6	0·7	8·5	7·8	92	90	13 10	12 22	1∞	10	—	—	—	⸝ 15 h.–24 h. Rough sea.
17	1006·4	1014·5	77·5	77·1	79	77	0·8	1·4	7·5	6·4	88	80	12 23	12 22	10	10∞	—	—	—	⸝ all day. Very rough sea.
18	1022·6	1027·4	77·2	76·2	78	76	1·1	1·3	6·8	6·1	84	80	12 23	11 19	10∞	8∞	—	—	—	⸝ 1 h.–19 h. and 21 h.–23 h.
19	1027·4	1019·6	76·1	75·7	77	76	0·7	0·1	6·8	7·1	90	98	12 17	11 15	10∞	10✻●	3·1	—	—	⸝ a. and p. ✻● (sleet) showers.
20	1017·2	1020·6	77·4	74·9	79	75	0·1	0·4	8·1	6·4	98	94	14 9	13 3	10≡⁰	2	—	—	—	Dull and misty.
	1020·6	1018·2	77·6	78·2	79	75	0·6	0·9	7·5	7·8	90	88	13 5	15 5	10∞	10∞	—	—	—	Dull and mild.
21																				
22	1016·9	1014·8	76·1	74·5	79	74	1·0	0·9	6·4	5·8	84	84	1 5	30 6	3	1	0·5	3·1	—	▲ showers p.
23	1012·1	1012·1	74·1	75·3	76	74	0·3	0·5	6·4	6·4	94	91	29 5	31 4	4	5	—	1·0	—	✻▲ showers p.
24	1014·8	1014·8	75·1	75·5	77	74	0·4	1·5	6·8	5·8	93	77	3 3	— 1	2	9	—	3·5	—	Fine and frosty.
25	1011·5	1008·4	75·6	75·6	77	75	1·2	0·7	6·1	6·4	83	89	2 2	4 4	8	2	2·5	2·7	—	Fine a. Stars scintillating.
26	1010·4	1014·2	76·0	74·0	77	74	2·1	0·5	5·4	6·1	70	90	4 7	31 7	3	5	0·3	3·3	—	▲ showers.
27	1018·2	1022·3	74·5	75·1	76	73	0·9	1·7	5·8	5·1	84	72	30 7	31 4	4	10	—	1·2	—	✻▲ showers all day.
28	1023·7	1022·3	73·4	74·5	76	74	0·2	0·7	6·1	6·1	96	88	— 1	21 2	8	9	—	2·5	—	▲⁰ a. Very fine.
29	1022·0	1023·0	74·5	74·9	77	74	0·4	0·4	6·4	6·4	94	94	24 3	25 2	3	3	2·5	2·8	—	Fine and frosty.
30	1025·3	1025·3	76·7	76·2	77	75	0·6	0·2	7·1	7·5	91	97	27 2	24 3	9	9	1·8	3·7	—	Very fine.
31	1017·6	1014·8	76·2	75·1	80	75	0·8	1·6	6·8	5·4	89	73	21 9	28 13	10	10	1·8	—	—	Dull a.
	1015·2	1010·4	72·8	72·8	76	72	0·6	0·3	5·1	5·8	85	94	29 10	25 4	3	10	1·5	1·0	—	▲ a. ✻▲ p.
Mean	1012·1	1012·0	76·5	76·5	78·5	75·4	0·6	0·6	7·1	7·1	88	88	8·9	8·8	6·9	7·2	59·6	1·03	—	
Mean Barometer at Station Level.	1006·0	1005·9																		

ABERDEEN, a.e.—JANUARY 1912.

Heights above Mean Sea Level:—Station, H = 14·0 m.; Barometer, H_b = 26·8 m. Heights above Ground:—Therms., h_t = 12·5 m.; Rain-gauge, h_r = 0·6 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

Day.	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.	10 h.	22 h.	10 h.			Remarks.
1	1020·9	1020·9	81·2	84·1	x85	76	0·6	1·6	9·8	10·8	91	81	18 3	19 5	10	7	—	—	—	Cloudy to dull. ⊔⊔ n.
2	1022·3	1014·2	82·6	81·8	84	82	0·9	0·8	10·5	10·2	88	90	18 3	19 6	9	6	—	—	—	Dull all day. ⊔⁸ n.
3	1016·2	1016·5	78·5	76·7	83	76	2·0	1·7	6·8	6·1	76	76	21 2	22 3	5	10	—	0·6	—	Squally a. ⊕ 13 h.–30m. ⊔⊔ n.
4	1009·8	998·2	76·4	76·8	78	76	1·4	0·6	6·1	7·5	79	92	— 1	— 1	10∞	10	1·8	—	—	Dull all day. ●⁰ 15 h.–17 h.
5	990·5	989·8	75·6	75·8	78	75	0·8	0·7	6·4	6·8	87	89	20 2	29 3	1	7	8·6	1·9	—	Fine a. ✻● (sleet) n.
6	990·1	987·1	75·6	75·7	77	75	0·6	2·3	6·8	5·1	91	68	10 9	6 10	10●	8	1·5	—	—	✻● (sleet) early a. ●⁰ most of
7	1013·1	1011·8	72·9	73·4	75	72	0·1	0·9	5·4	5·1	97	83	28 4	23 3	2	4	0·5	4·0	—	✻⁰ showers. [day.
8	992·5	1001·0	73·4	72·8	75	n 70	0·6	0·8	4·1	6·4	79	88	25 2	13 8	7∞	10✻●	15·5	—	—	⊠. Dull, with ✻● (sleet).
9	1003·7	1003·3	76·8	77·3	78	76	0·7	0·8	7·1	7·5	90	88	11 13	10 13	10●	10●	3·3	—	—	✻● (sleet) ●² early a. Dull.
10	1014·8	1014·8	78·5	79·6	80	77	1·3	1·1	7·5	8·1	83	84	12 10	13 10	10	10●	3·3	—	—	Dull, with ●⁰ showers.
11																				
12	1009·1	1013·5	79·9	78·8	81	78	0·8	1·1	8·8	7·8	90	87	14 7	18 3	10	0≡⁰	—	—	—	Dull and squally a.
13	1016·5	1016·2	79·0	80·2	81	79	1·0	0·6	8·1	9·1	86	91	17 3	14 4	4∞	10	4·8	0·5	—	●⁰ showers a Fair to cloudy.
14	1010·8	1013·8	80·1	80·7	81	80	0·8	0·6	8·8	9·8	88	93	15 5	14 6	9	10	6·9	0·3	—	● a. Cloudy to dull.
15	1011·5	1011·1	79·7	80·3	80	78	0·6	0·5	8·8	9·5	91	92	13 8	15 3	10●	10	7·9	—	—	Dull and squally, with ●.
16	1012·1	1009·1	79·8	77·8	80	75	0·5	0·6	9·1	7·8	94	92	12 7	12 13	10●	10●	1·8	—	—	Dull, with ≡⁰●⁰.
17	1008·8	1016·5	77·8	77·5	78	77	1·1	2·2	7·1	5·8	84	69	12 13	12 15	10●	10	0·3	—	—	Dull, with ●⁰ showers.
18	1025·0	1027·4	77·3	75·9	78	75	2·4	0·3	5·8	7·1	68	96	12 14	11 14	10✻●	9	—	—	—	✻● (sleet) 9 h. Very squally.
19	1027·0	1018·9	76·3	75·7	77	75	2·2	0·7	5·4	6·8	67	90	12 11	12 9	10	10●⁰	3·3	—	—	✻⁰●⁰ (sleet) ✻⁰●⁰ showers.
20	1017·6	1022·6	78·9	75·9	79	75	0·5	1·0	8·5	6·4	93	85	12 4	19 2	10≡⁰●⁰	10≡⁰	—	1·5	—	Dull a. ≡⁰ all day.
	1022·0	1019·6	77·3	78·1	79	77	0·9	0·8	7·1	7·8	87	89	— 1	— 1	10≡⁰	10	—	—	—	≡⁰ a. Drizzle midday. Dull
21																				
22	1016·5	1016·2	76·3	75·4	78	75	1·0	0·8	6·4	6·4	85	87	27 4	26 3	7●	8●	0·8	1·9	—	Cloudy to fair. ●⁰ after 19 h.
23	1013·5	1012·8	73·7	73·1	75	73	0·7	0·3	5·8	5·8	87	94	25 3	27 4	4	1	0·5	5·2	—	✻⁰ early a. ⊠. Bright all day.
24	1013·8	1014·2	74·3	75·6	77	73	0·8	0·8	5·8	6·4	85	87	27 4	31 2	1	4	0·5	4·5	—	✻⁰●⁰ a. ~ 8 h. Bright to fair.
25	1010·1	1006·0	76·4	76·9	77	75	1·3	1·9	6·4	5·8	80	74	7 5	5 7	4	10	0·8	0·1	—	✻⁰●⁰ (sleet) showers.
26	1007·7	1013·5	76·3	75·4	78	74	0·9	1·7	6·8	5·4	86	73	32 3	32 4	7	10	—	2·6	—	✻⁰●⁰ showers.
27	1018·2	1022·0	73·8	74·1	77	73	1·2	0·9	5·1	5·8	78	84	28 4	28 3	1	8	1·0	5·2	—	✻⁰ 15 h.–16 h. Bright all day.
28	1024·7	1024·3	73·4	74·3	76	73	0·6	1·2	5·4	5·4	87	78	26 3	— 1	8	9≡⁰	—	0·9	—	●⁰ early a. ≡⁰ n.
29	1024·7	1025·0	72·7	72·0	76	73	1·6	1·4	3·4	3·7	58	63	22 2	20 2	1	0	—	6·0	—	Fine and bright. ∞⁰ n.
30	1026·7	1027·7	73·9	75·0	76	71	1·4	1·4	4·7	5·4	75	76	— 1	— 1	8∞	10	—	0·1	—	Cloudy to dull. [●⁰ p.
31	1023·0	1015·9	72·7	74·9	79	71	1·4	0·8	3·4	6·1	64	87	— 1	27 6	6∞	10	3·1	0·1	—	Fair to cloudy a. ✻⁰●⁰ (sleet)
	1016·5	1012·8	73·7	72·3	76	72	2·3	0·3	3·7	5·4	60	90	28 5	25 4	9	8	7·4	1·8	—	Bright a. Dull, with ✻ p. ⊠
Mean	1013·7	1013·4	76·4	76·7	78·5	74·9	1·1	1·0	6·5	6·7	84	85	5·1	5·5	7·2	8·0	73·6	1·20	—	
Mean Barometer at Station Level.	1010·2	1010·0																		

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.

* Metres per second.

3—3—3—250—Wt. 39026—5/12.—N. & Co., Ltd. Gp. XV.

FORT WILLIAM, INVERNESS-SHIRE, a.—JANUARY 1912.

Heights above Mean Sea Level :—Station, H = 52·1 m. ; Barometer, H_b = 11·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	†	†	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1021·6	1022·6	82·9	82·3	83	81	0·6	0·4	11·2	11·2	92	94	20 5	20 6	10●⁰≡⁰	10●⁰≡⁰	14·7	—	—	●⁰≡⁰ all day.
2	1022·6	1017·6	82·4	81·3	82	81	0·5	0·4	11·2	10·2	94	94	20 3	20 7	10●⁰≡⁰	10●²	28·2	—	—	●⁰≡⁰ all day. ●² in evening.
3	1019·2	1017·9	78·9	77·3	82	77	2·6	1·3	6·4	6·8	68	80	20 3	20 2	3	10	1·5	—	—	Sunny intervals.
4	1008·4	999·3	76·2	78·4	80	75	0·4	0·6	7·1	8·1	93	94	Calm 0	Calm 0	10●⁰≡⁰	10●	9·4	—	—	●⁰≡⁰ generally.
5	992·8	993·5	75·8	77·4	78	75	0·7	1·7	6·8	6·4	89	76	20 3	24 3	10✳⁰	3	6·4	—	—	✳● (sleet) △●
6	987·4	984·4	72·9	74·7	77	72	1·0	1·2	4·7	5·4	77	80	8 1	4 6	2	10✳●	1·0	—	—	Fine generally. ✳● (sleet) 21 h.
7	1001·6	1014·2	71·1	69·8	75	69	0·8	0·6	4·1	3·7	75	77	4 2	Calm 0	1	2	—	—	—	Clear and sunny.
8	1008·4	991·1	73·1	74·0	76	68	0·8	0·8	5·1	5·4	81	84	16 4	12 9	10	10	11·4	—	—	⁄ ✳ < ⊠
9	988·4	1001·3	75·2	76·0	77	74	1·1	0·9	6·1	6·4	82	86	8 1	Calm 0	10	4	0·5	—	—	⊠ 2 ins.
10	1009·4	1006·0	79·5	79·8	81	73	2·5	2·0	6·4	7·5	66	74	14 3	18 5	6	10●	13·2	—	—	Mostly fair. ● *n.*
11	1003·7	1012·1	80·7	80·2	81	79	1·1	1·2	9·1	8·5	86	83	20 4	20 5	10●	2	7·1	—	—	Dull, with ●² showers.
12	1014·5	1011·1	79·1	81·8	83	79	0·5	1·6	8·8	8·8	92	80	20 3	20 2	10●	10	19·0	—	—	Dull, with ●² showers.
13	1006·7	1007·1	82·4	84·4	*x* 85	80	1·6	2·5	9·5	9·5	79	71	20 6	12 5	7	10	0·5	—	—	Fair to fine.
14	1003·0	1009·1	83·7	78·5	*x* 85	77	2·6	1·7	9·1	7·1	71	79	16 5	18 2	10●⁰	10	7·4	—	—	● showers.
15	1006·7	1000·3	78·6	81·6	82	75	3·4	2·9	5·4	7·1	60	65	16 2	16 3	3	9	7·6	—	—	Fair.
16	997·9	1007·1	81·1	78·1	82	75	2·0	1·6	8·1	6·8	76	79	16 6	12 6	10●	10●	18·3	—	—	Squall, with ●≡⁰ all day.
17	1016·5	1022·3	77·1	74·8	79	74	2·4	2·4	5·4	4·4	67	64	18 7	12 5	10●	10●	0·8	—	—	Squally, with ✳ showers.
18	1020·9	1015·9	75·9	75·9	77	75	2·9	2·5	4·4	4·7	60	65	12 7	Calm 0	4	10	1·0	—	—	Squally *a.* Fine and sunny.
19	1017·6	1020·3	74·0	73·4	76	73	0·4	0·7	6·1	5·4	91	87	8 1	Calm 0	10≡	0	—	—	—	≡ to fine. Fresh snow on hills.
20	1020·3	1017·9	72·3	75·2	77	71	0·7	0·6	4·7	6·4	82	89	Calm 0	8 1	4∞	1	—	—	—	Sunny.
21	1017·2	1017·2	74·2	73·4	77	72	0·6	1·0	6·1	5·1	88	82	8 2	Calm 0	7	10	—	—	—	Dry and sunny.
22	1015·5	1013·8	69·9	71·9	74	69	0·6	0·6	3·7	4·7	76	83	Calm 0	Calm 0	7	0	0·3	—	—	✳ *n.* Sunny. ⊠
23	1015·5	1013·8	70·2	72·2	75	69	0·7	0·4	3·7	5·1	75	90	8 1	Calm 0	0	0	—	—	—	Ш 22 h.
24	1009·4	1006·7	72·4	73·9	75	71	0·9	1·4	4·4	5·1	76	76	Calm 0	2 4	1	1	—	—	—	✳ showers.
25	1008·8	1015·2	73·5	74·2	76	72	0·6	1·2	5·8	5·1	89	78	4 1	4 4	2	2	—	—	—	Fair and sunny.
26	1020·6	1023·3	71·5	71·7	75	71	0·7	0·9	4·1	4·1	77	74	8 1	4 2	4	0	—	—	—	Fine and sunny.
27	1025·7	1025·3	70·1	71·2	74	69	0·8	0·6	3·7	4·4	73	81	Calm 0	Calm 0	8	10	—	—	—	Fine generally.
28	1024·7	1026·0	71·3	69·8	73	69	0·7	0·7	4·4	3·7	79	74	Calm 0	Calm 0	7	7	—	—	—	Fine and sunny.
29	1028·1	1029·1	68·3	69·0	73	67	0·7	0·4	3·1	3·7	69	79	4 1	Calm 0	2	0	—	—	—	Fine and sunny.
30	1025·3	1018·9	67·5	76·3	80	*n* 65	0·2	0·9	3·4	6·8	89	86	Calm 0	Calm 0	8	10●	1·8	—	—	✳⁰●⁰ *a.* Rapid thaw.
31	1018·6	1014·8	74·8	73·9	76	73	1·8	1·5	5·1	4·7	71	74	4 4	Calm 0	9	9	—	—	—	Dull and cloudy.
Mean	1012·2	1012·1	75·4	75·9	78·2	73·2	1·2	1·1	6·0	6·2	79	80	2·5	2·5	6·6	6·5	150·1	—	—	
Mean Barometer at Station Level.	1010·8	1010·7																		

DUNDEE, FORFARSHIRE, c.d.—JANUARY 1912.

Heights above Mean Sea Level :—Station, H = 48·8 m. ; Barometer, H_b = 50 m. Heights above Ground :—Therms., h_t = 1·16 m. ; Rain-gauge, h_r = 0·3 m. Lat. 56° 28′ N. Long. 2° 56′ W. *Time*, Greenwich mean time.

													†	†						
1	1023·3	1023·7	82·4	81·6	*x* 83	79	0·4	0·5	11·2	10·2	94	93	24 1	20 3	10	10	—	—	—	Dull and cloudy.
2	1024·0	1017·6	80·9	81·1	82	81	0·3	0·6	10·2	9·8	97	93	20 1	20 5	10	10	—	—	—	Dull and cloudy.
3	1017·6	1018·2	78·3	75·1	81	74	0·6	0·7	8·1	6·4	92	89	16 1	24 1	5	10	0·5	—	—	Fine till 18 h., then dull.
4	1010·4	999·6	75·7	76·6	77	75	0·3	0·0	7·1	7·8	96	100	32 1	20 1	10	10	1·8	—	—	●⁰ 10 h. ≡⁰.
5	992·5	990·1	74·9	77·3	77	74	0·3	1·3	6·8	6·8	97	81	24 1	24 3	5≡⁰	10	—	—	—	≡⁰ till 10 h., then fine till 15 h.
6	989·1	984·4	72·7	75·1	78	72	0·2	0·7	5·8	6·4	96	89	4 1	4 5	5≡⁰	10≡●	4·1	—	—	● from 17 h., ≡ from 20 h.
7	998·9	1012·8	71·8	71·5	76	71	0·7	0·2	4·4	5·1	79	93	32 1	24 3	0	0	—	—	—	Fine.
8	1013·5	998·6	69·2	74·1	76	68	0·0	0·1	4·7	6·4	100	98	32 1	8 5	10	10✳	29·0	—	—	✳● (sleet) from 19 h. 30 m.
9	990·5	1002·0	75·3	75·2	76	73	0·2	0·1	7·1	7·1	96	98	8 1	24 1	10	10≡⁰	2·8	—	—	● till 7 h. and 10 h.–12 h.
10	1012·5	1013·8	78·3	79·1	80	74	0·0	0·5	8·8	8·8	100	92	12 1	12 5	10	10	—	—	—	Dull and cloudy.
11	1009·4	1013·8	79·4	79·1	81	78	0·7	0·5	8·5	8·8	90	92	16 3	20 3	10	10	—	—	—	Dull and cloudy.
12	1017·6	1016·5	78·1	79·0	80	77	0·4	0·3	8·1	8·8	95	96	20 1	4 1	10	10	4·8	—	—	Dull and cloudy.
13	1011·1	1012·5	80·2	80·3	82	78	0·4	0·3	9·5	9·8	94	95	20 3	16 1	10	10	0·5	—	—	● *n.* Dull and cloudy.
14	1011·1	1011·5	79·1	78·0	81	77	0·2	0·5	9·1	8·1	96	94	12 3	12 3	10	10●	4·8	—	—	● 8 h. 30 m.–17 h. 30 m.
15	1011·1	1007·1	76·9	78·9	79	73	0·2	0·3	7·8	8·8	97	96	8 1	12 8	10	10	2·0	—	—	⁄ from 15 h.
16	1006·0	1012·1	78·9	76·9	80	76	0·5	0·8	8·5	7·1	94	88	12 8	12 8	10●	10●	7·6	—	—	⁄● all day.
17	1023·3	1024·3	75·9	75·2	77	74	1·2	1·3	6·1	5·8	81	78	12 8	12 8	10✳⁰	10	0·3	—	—	⁄● *n.* ✳⁰ during day. △ from
18	1025·0	1017·6	75·3	75·0	76	74	0·9	0·3	6·1	6·8	86	95	12 8	12 5	10	10	5·6	—	—	⁄ till 14 h. ✳● (sleet) [12 h.
19	1018·6	1023·0	74·4	73·9	75	74	0·3	0·0	6·4	6·4	95	100	20 1	28 1	10	10	—	—	—	Dull and cloudy.
20	1020·9	1018·6	76·6	77·4	78	74	0·3	0·1	7·5	8·1	96	98	4 1	8 1	10	10	2·5	—	—	●⁰ 10 h.–14 h. ● from 20 h.
21	1016·5	1016·5	76·5	75·2	78	75	0·0	0·5	7·8	6·4	100	91	32 1	32 1	10≡⁰	10	—	—	—	Dull. ≡⁰.
22	1014·8	1013·1	72·2	72·4	76	71	0·9	0·5	4·4	5·1	77	85	20 1	28 1	5	5	—	—	—	Fine.
23	1014·8	1013·1	72·3	74·6	77	70	0·1	0·4	5·8	6·4	96	93	24 1	32 1	5≡⁰	5	2·3	—	—	≡⁰ till 10 h., then fine.
24	1009·8	1008·1	73·6	74·3	76	73	0·0	0·4	6·4	6·1	100	92	4 1	8 1	5✳	10✳	2·3	—	—	✳● (sleet) *n.* and day.
25	1007·1	1013·8	75·1	73·1	77	73	0·6	0·4	6·4	5·8	91	91	4 3	32 1	10	0	—	—	—	Dull till 10 h., then fine.
26	1018·9	1021·6	73·0	74·0	76	72	0·2	0·6	6·1	5·8	97	89	32 3	32 1	10	5	—	—	—	∞ till 11 h., then fine.
27	1025·3	1025·0	71·2	73·0	75	71	0·2	0·3	5·1	5·8	95	93	16 1	20 1	5	5	—	—	—	∞ till 12 h., then fine.
28	1025·3	1025·7	70·7	69·3	75	69	0·7	0·2	4·4	4·1	75	90	24 1	28 1	5	0	—	—	—	Fine.
29	1028·1	1028·1	70·6	71·2	73	*n* 67	0·2	0·2	4·7	5·1	94	95	20 1	28 1	10	5≡⁰	—	—	—	Dull till 10 h. ≡⁰ till 17 h.
30	1024·3	1017·9	69·2	75·1	79	69	0·1	0·6	4·4	6·4	95	91	24 1	20 3	10≡⁰	10	1·5	—	—	● 18 h. 30 m.–19 h. 30 m.
31	1018·2	1013·8	73·4	72·8	76	71	0·4	1·0	5·8	4·7	92	77	28 1	24 1	10	10	—	—	—	Sunny 10 h.–15 h.
Mean	1013·9	1013·4	75·2	75·7	77·8	73·4	0·3	0·5	6·9	6·9	93	92	2·0	2·7	8·4	8·2	72·4	—	—	
Mean Barometer at Station Level.	1007·6	1007·1																		

† Beaufort Scale (0—12).

GLASGOW, LANARKSHIRE, a.—JANUARY 1912.

Heights above Mean Sea Level :—Station, H = 54·9 m. ; Barometer, H_b = 56·1 m. Heights above Ground :—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 55° 53′ N. Long. 4° 18′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	*	*	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1024·7	1025·3	83·8	81·6	*x* 84	81	0·6	0·5	11·9	10·2	93	93	19 5	20 6	10	10	0·4	—	80	Overcast. ● showers 18 h.
2	1024·7	1020·6	81·3	81·2	82	80	0·1	0·7	10·8	9·8	99	91	21 5	20 5	10●⁰	10	2·2	—	80	● 9 h.–10 h. 30 m.
3	1019·6	1018·2	78·2	77·4	82	77	1·3	1·0	7·1	7·1	82	86	25 3	— 1	7	10	2·2	2·6	75	● 2 h. 35 m.–6h. Cloudy.
4	1009·1	999·6	76·8	78·9	81	76	0·1	0·2	7·8	8·8	100	97	2 2	26 2	10	10●	6·6	—	72	Overcast, with ●.
5	993·2	993·8	76·3	76·8	79	76	0·7	1·4	7·1	6·4	90	81	25 3	24 5	6	7	0·3	1·1	74	● showers.
6	986·4	982·0	75·2	75·0	77	75	0·5	0·3	6·4	6·8	92	95	23 2	6 6	8	10●	1·5	—	70	✳● (sleet) 20 h.–23 h.
7	999·9	1014·5	72·8	71·4	75	71	0·7	0·1	5·1	5·4	83	97	2 4	— 1	1	7	—	5·7	69	Fine and clear till 15 h.
8	1011·1	992·2	70·7	73·1	74	69	0·2	0·2	4·7	5·8	92	95	8 4	8 7	8	10✳	20·8	—	*n* 64	✳ 16 h.–midt. ⌴⊠
9	989·1	1001·6	74·6	75·4	76	73	0·2	0·1	6·8	7·1	97	98	— 1	— 1	10	10	2·1	—	73	⊠. ● 2 h.–9 h. and 12 h.–14 h.
10	1011·5	1009·1	75·3	79·3	80	75	0·1	1·4	7·1	7·8	97	80	7 3	11 5	10	10	2·0	—	74	⊠. ● 8 h.–9 h. 30 m. Dull.
11	1007·4	1014·5	80·8	79·5	81	79	0·8	0·7	9·5	8·5	90	88	16 7	19 3	10●⁰	10	—	0·6	77	● 2 h.–10 h.
12	1017·6	1013·8	79·5	81·2	81	79	1·0	1·1	8·5	9·1	87	85	17 3	15 4	10	10	6·4	—	77	Dull and overcast.
13	1010·4	1010·8	81·9	82·4	83	80	0·6	1·2	10·5	9·8	92	85	18 5	15 5	7	10	6·6	0·4	79	● 0 h.–5 h. Dull.
14	1006·4	1011·5	81·4	77·5	82	77	0·4	0·6	10·5	7·8	94	91	12 5	22 2	10	4	2·0	—	80	● 3 h.–8 h. and 11 h.–16 h.
15	1008·1	1002·3	74·8	80·4	81	74	0·7	1·6	6·1	8·1	88	78	8 4	10 7	7	10	—	—	71	∞ *a.* Overcast. ⌴
16	1001·0	1008·4	81·1	78·5	81	79	1·8	1·1	8·1	7·8	78	86	10 6	9 5	10	10●	8·6	—	79	Overcast. ● 20 h.–24 h.
17	1018·2	1021·3	74·8	74·5	79	74	0·6	1·1	6·1	5·4	89	79	9 6	8 5	10●⁰	10	1·3	—	74	● 0 h.–10 h. ✳ 10 h.–13 h.
18	1020·9	1015·2	74·6	74·5	75	74	1·5	0·6	5·1	6·1	75	89	7 5	7 3	10	10	0·8	—	74	Dull and overcast.
19	1018·6	1020·6	74·2	74·7	76	73	0·1	0·3	6·4	6·4	97	95	— 1	7 3	10	4∞	—	—	73	✳ *n.* Overcast. ∞
20	1018·9	1017·6	75·8	77·8	78	74	0·4	0·3	7·1	8·1	94	96	6 5	5 3	10∞	10●⁰	1·3	—	73	● 14 h. and 19 h. Dull. ∞
21	1016·9	1015·5	77·3	76·8	79	77	0·2	0·5	8·1	7·5	97	94	— 1	— 1	10●	10●	4·3	—	76	● 4 h.–7h. and 14 h.–22 h.
22	1014·2	1012·8	74·8	74·0	77	74	0·7	1·7	6·1	4·7	89	70	— 1	1 2	6∞	4	—	2·6	72	Dull *a.* Fine midday.
23	1014·2	1012·1	72·4	74·2	76	71	0·7	0·7	4·7	5·8	82	86	— 1	4 3	6∞	4	—	—	68	Cloudy. ⌴
24	1007·7	1004·3	74·0	75·1	75	74	0·5	0·9	6·1	6·1	90	85	6 5	4 2	7	10	—	1·1	72	Cloudy. ⌴
25	1007·4	1013·5	76·2	74·8	78	75	2·1	1·7	5·4	5·1	70	72	1 2	3 3	10	3	—	2·3	74	Dull *a.* Ш 19 h.
26	1018·6	1022·3	73·7	73·5	76	74	1·9	0·0	4·4	6·4	66	100	3 3	— 1	4	6	—	4·2	70	Fine and bright. Ш 21 h. 20 m.
27	1024·7	1025·0	73·8	74·1	75	73	0·0	0·6	6·4	5·8	100	87	— 1	— 1	9	10	—	—	70	Dull. ∞
28	1025·0	1026·0	74·1	72·1	75	72	0·7	0·5	5·8	5·1	86	88	— 1	— 1	10	10≡⁰	—	—	72	Overcast. ∞≡⁰.
29	1028·1	1028·1	69·0	72·3	72	*n* 68	0·3	0·5	3·7	5·1	84	87	— 1	— 1	10≡⁰	10≡⁰	0·2	—	66	△ 17h.–18 h. ✳● (sleet) in [afternoon.
30	1024·7	1017·6	71·8	78·7	79	69	0·3	1·1	5·1	7·8	92	87	— 1	22 5	10	10	—	—	66	∞⌴
31	1018·2	1014·2	74·2	74·3	79	74	1·1	1·4	5·4	5·1	80	75	— 1	7 2	7	10	—	0·1	71	Dull *a.* ⌴
Mean	1012·8	1012·4	76·0	76·5	78·4	74·7	0·7	0·8	6·9	7·0	89	88	3·1	3·3	8·5	8·7	69·6	0·67	73·1	
Mean Barometer at Station Level.	1005·8	1005·4																		

COCKLE PARK (NEAR MORPETH), NORTHUMBERLAND.—JANUARY 1912.

Heights above Mean Sea Level :—Station, H = 98·7 m. ; Barometer, H_b = 100·8 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 55° 13′ N. Long. 1° 41′ W. *Time*, Local mean time.

													†	†						
1	1026·4	1026·0	83·1	80·9	*x* 85	80	0·2	0·7	11·9	9·8	98	92	20 2	22 3	8	7	—	—	78	Fine, but cloudy.
2	1026·7	1020·9	80·9	80·6	82	80	0·7	0·8	9·8	9·1	92	90	24 6	24 8	8	4	—	1·2	78	Fine, but cloudy.
3	1018·6	1019·9	80·2	75·3	81	74	1·1	0·6	8·5	6·4	85	89	24 3	26 2	1	2	2·0	6·0	77	Fine and clear.
4	1010·8	1001·6	76·3	79·7	81	75	0·0	0·6	7·8	9·1	100	92	16 1	24 2	10●⁰	8	0·8	—	71	●⁰ *a.*
5	993·2	991·5	76·8	76·3	80	75	0·9	1·0	6·8	6·4	87	85	24 5	24 7	7	7	—	3·4	74	● *n.* Fine, but cloudy.
6	988·8	981·0	74·5	75·7	76	74	0·2	0·5	6·8	6·8	97	92	Calm 0	6 4	9	10●	4·3	—	71	Fine *a.* ● showers *p.*
7	991·8	1012·1	75·7	70·7	76	70	0·4	0·8	7·1	3·7	95	72	6 4	28 2	6△	3	0·5	3·0	71	✳● (sleet) *n.* △ showers *a.*
8	1014·2	999·6	71·1	73·7	75	*n* 69	0·4	0·0	4·4	6·4	85	100	16 1	12 5	8	10✳	6·6	—	67	Fine till 17 h. 30 m., then ✳.
9	990·5	1002·3	74·0	75·4	77	74	0·2	0·2	6·4	7·1	95	96	Calm 0	24 2	7⊠	7	1·3	2·3	71	✳ *n.* ● showers *p.*
10	1014·2	1015·9	74·8	77·1	77	74	0·2	0·7	6·8	7·5	97	91	Calm 0	12 4	8	10	1·5	—	70	Fine, but overcast.
11	1012·8	1017·2	78·4	77·6	79	76	0·6	0·7	8·1	7·5	94	89	12 4	20 4	10	2	0·3	0·3	73	● in past *n.* ●⁰ showers *a.*
12	1019·9	1019·9	78·2	76·0	80	76	0·8	0·1	7·8	7·5	90	98	16 3	16 2	9	1	2·3	0·7	74	Cloudy.
13	1014·8	1015·5	79·3	80·2	81	76	0·3	0·1	9·1	10·2	96	99	12 4	12 3	9	10≡	0·5	—	74	● *n.* Fine, but overcast.
14	1012·1	1013·5	78·8	78·5	80	78	0·4	0·1	8·8	8·8	95	100	12 5	16 2	10●	10	3·6	—	77	● showers.
15	1011·1	1009·4	78·4	78·1	79	77	0·0	0·3	8·8	8·5	100	96	12 5	14 6	10	10	1·3	—	74	Overcast.
16	1008·1	1012·8	78·2	76·1	79	76	0·2	0·7	8·5	6·8	98	91	12 6	12 7	10●	10●	3·0	—	77	Overcast, with ●.
17	1021·3	1022·0	75·4	74·6	76	73	1·8	1·9	5·1	4·7	72	69	10 7	10 7	9	9	—	—	72	● showers *n.* △⁰ *p.*
18	1021·3	1016·5	74·8	73·4	75	73	1·4	0·0	5·4	6·4	76	100	8 7	28 1	9	10	2·3	—	71	Fair *a.* ✳ showers *p.*
19	1019·9	1022·6	73·5	72·6	77	72	0·5	0·2	5·8	5·8	91	95	18 2	16 1	4	10	1·3	3·5	71	Fine.
20	1019·9	1018·6	77·3	77·9	78	72	0·0	0·0	8·5	8·8	100	100	12 2	16 2	10●	10●	6·6	—	70	● *n.* and *a.* Fine *p.*
21	1016·5	1016·5	78·5	78·1	79	75	0·5	0·0	8·5	8·8	94	100	Calm 0	Calm 0	9	10●	8·6	—	74	● *n.* Fair. ● *p.*
22	1013·8	1012·5	74·9	73·2	79	72	0·3	0·3	6·8	5·8	95	93	28 1	32 2	7	2	0·3	0·1	72	● *n.* Fair, but cloudy.
23	1012·8	1011·5	73·4	74·0	76	71	0·8	0·4	5·4	6·1	85	92	32 2	28 2	4	3●	1·3	2·3	69	✳⁰ *n.* and *a.*
24	1006·7	999·6	74·7	76·8	77	73	0·7	0·0	6·1	8·1	87	99	8 2	2 3	9	10●	18·8	—	70	✳⁰ *n.* and *a.* ● *n.*
25	1002·3	1007·4	76·7	75·2	77	75	0·4	1·2	7·5	5·8	94	82	2 3	2 3	10●	9	10·7	—	72	✳ *n.* ● most of day.
26	1014·8	1020·9	75·4	73·5	76	73	1·4	0·4	5·8	6·1	78	93	2 3	32 1	8	5	2·5	2·4	71	✳ showers.
27	1024·7	1025·0	72·4	73·1	75	71	0·5	0·6	5·1	5·4	87	86	Calm 0	28 2	6	8	0·3	3·5	67	✳ *n.* Fine day.
28	1025·7	1026·0	73·4	70·3	75	70	0·8	1·1	5·4	3·1	86	63	24 3	24 1	3	2	—	6·0	69	Fine and clear.
29	1028·1	1028·4	71·3	70·9	76	*n* 69	0·9	0·9	4·1	3·7	73	70	24 1	24 2	2	3	—	5·6	*n* 65	Fine and clear.
30	1025·0	1016·9	70·4	76·2	77	70	0·6	0·3	3·7	7·1	75	95	24 4	24 6	3	10●	1·3	3·6	*n* 65	Fine and clear till 14 h. ● *n.*
31	1016·9	1014·2	74·3	71·4	76	71	0·6	0·8	5·8	4·1	86	74	28 5	24 2	7	7	—	0·9	69	● *n.* Fair but cloudy.
Mean	1013·6	1013·5	76·0	75·6	78·0	73·8	0·6	0·5	7·0	6·8	90	90	2·9	3·2	7·4	7·1	82·0	1·44	71·7	
Mean Barometer at Station Level.	1001·1	1000·9																		

* Metres per second. † Beaufort Scale (0—12).

DOUGLAS, ISLE OF MAN, a.—JANUARY 1912.

Heights above Mean Sea Level:—Station, H = 84·5 m.; Barometer, H_b = 86·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·25 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second). 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200+ °	
1	1028·7	1029·4	82·0	80·8	x 83	80	0·0	0·3	11·5	10·2	100	97	24	1	22	2	10≡	9	—	—	80	≡ till 15 h. ● showers.
2	1029·1	1023·3	80·6	81·3	81	80	0·4	0·6	9·8	10·2	95	93	28	2	22	5	9	9	1·3	—	79	Dull. Squally after 20 h.
3	1022·0	1020·3	81·5	79·0	82	79	0·1	0·0	10·8	9·1	99	100	24	5	14	1	9	10≡●	4·9	—	79	Squally, with ●⁰ showers. ≡ n.
4	1011·8	1002·0	82·1	80·5	x 83	79	0·1	0·2	11·2	10·2	98	97	24	6	24	2	9●	10●	5·5	0·1	78	Dull and squally. ●⁰ showers.
5	997·2	998·2	77·0	76·9	82	77	1·0	1·0	6·8	6·8	85	85	26	6	26	7	7	2	2·5	4·8	75	Squally. ▲ 13 h.
6	985·0	979·0	76·0	76·1	79	75	0·2	0·5	7·5	7·1	96	92	10	7	4	3	10●	10	7·9	—	74	✻● (sleet) after 17 h.
7	996·2	1014·8	74·9	73·0	77	72	1·6	1·2	5·1	4·7	74	74	4	6	4	1	8	0~	—	5·7	73	Fine, but cold.
8	1009·8	989·1	75·9	78·0	80	n 71	1·0	0·0	6·4	8·8	83	100	12	6	12	10	9	10●	9·3	—	69	✻●▲ p.
9	990·1	1003·0	79·7	79·1	82	78	0·6	0·2	9·1	9·1	92	96	24	2	24	1	3	2	5·4	1·7	73	⌴ a. ●▲ showers.
10	1010·1	1009·4	80·1	80·5	81	77	0·4	0·3	9·5	9·8	94	96	12	2	12	6	9	10	3·7	0·6	73	⌴ a. Dull and squally.
11	1011·1	1017·6	81·1	79·2	x 83	79	0·1	0·4	10·5	8·8	98	93	18	2	24	1	8	3	1·0	5·2	78	Very fine.
12	1019·6	1016·2	80·7	80·7	81	79	0·5	0·5	10·2	9·8	98	94	20	2	10	5	10●	10	10·2	—	76	● showers. ≡
13	1013·5	1012·5	81·8	81·9	82	80	0·0	0·5	11·2	10·5	100	94	18	4	16	5	10●	10●	6·9	—	79	● showers. ≡
14	1008·1	1013·1	80·5	76·0	82	76	0·0	0·2	10·5	7·5	100	96	16	6	32	1	10●	0~	2·8	0·1	80	≡● before 14 h. ⌴ p.
15	1007·4	1001·0	79·1	80·3	81	76	0·5	0·1	8·8	10·2	92	99	12	5	12	8	9	10●	3·0	—	72	Dull and stormy.
16	1000·6	1006·4	80·6	79·7	82	79	0·4	0·1	9·8	9·5	95	98	12	7	12	7	9	10●	7·4	—	77	Wet and stormy after 11 h.
17	1014·5	1017·9	75·8	72·6	80	72	0·1	0·4	7·5	5·4	98	89	10	7	10	7	10●	10~	3·0	—	75	✻● (sleet) ⊠.
18	1017·9	1014·5	74·5	73·9	76	72	1·5	0·8	5·1	5·8	75	86	10	5	10	1	10	10~	2·4	—	70	⊠. ✻● 9 h. 30 m.–17 h.
19	1018·9	1018·6	78·0	76·3	79	72	0·9	0·6	7·5	6·8	86	89	14	3	8	4	9	10	—	3·4	72	✻● a. Very fine till 15 h.
20	1016·2	1015·5	78·0	79·1	80	76	0·6	0·4	8·1	8·8	92	94	10	5	10	4	10	10	5·1	—	75	Dull and squally. ● showers p.
21	1017·9	1016·2	78·9	77·1	81	76	0·2	0·2	8·8	7·8	96	98	24	2	28	1	3	2⌴	—	6·0	76	Very fine.
22	1013·5	1011·1	76·8	74·7	79	75	0·6	1·7	7·5	5·1	92	72	30	1	4	3	8	0⌴	0·4	0·3	72	⌴ a. Cloudy.
23	1011·8	1009·8	75·2	76·3	77	74	1·2	1·5	5·8	6·1	80	77	6	2	8	3	9	8	—	2·1	72	✻● (sleet) showers early a.
24	1005·0	1003·0	75·2	75·0	77	75	1·3	0·9	5·8	6·1	78	86	6	2	4	3	9	2⌴	—	1·2	72	⌴~ a. Cloudy.
25	1005·0	1010·8	76·3	76·9	78	75	1·1	1·4	6·4	6·4	83	81	32	3	6	5	9	9	—	0·1	72	⌴~ early a. Cloudy.
26	1017·2	1020·6	74·7	74·7	77	74	1·9	1·1	4·7	5·4	70	80	4	2	4	2	9	1⌴	—	2·0	72	⌴~ early a. Fine.
27	1024·0	1025·0	75·0	75·3	76	74	0·9	2·2	6·1	4·7	85	67	4	1	14	2	9	6~	0·3	—	71	✻▲ a. Dull.
28	1025·0	1025·3	74·7	72·5	77	72	1·7	1·7	5·1	3·7	72	61	12	2	20	1	6~	0~	—	4·5	71	⌴~ a. Fine.
29	1027·4	1028·7	75·0	74·2	78	72	1·8	1·6	5·1	4·7	72	73	14	1	28	1	8~	3~	—	1·2	n 67	⌴. Cloudy.
30	1027·0	1022·3	75·8	75·4	77	74	1·1	0·7	6·1	6·4	83	88	26	1	26	1	9	9⌴	—	—	70	Dull.
31	1019·2	1015·5	75·8	75·4	79	75	1·1	2·3	6·1	4·7	83	66	30	1	30	2	8	8⌴	—	5·4	73	Very fine.
Mean	1012·9	1012·6	77·8	77·2	79·9	75·6	0·7	0·8	7·9	7·4	89	87	3·5		3·4		8·5	6·5	83·0	1·43	74·0	
Mean Barometer at Station Level.	1002·2	1001·9																				

STONYHURST, LANCASHIRE, a.—JANUARY 1912.

Heights above Mean Sea Level:—Station, H = 114·3 m.; Barometer, H_b = 110·6 m. Heights above Ground:—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 53° 51′ N. Long. 2° 28′ W. *Time*, Local mean time.

													*		*							
1	1030·4	1030·8	81·5	80·2	x 83	77	1·4	0·8	9·1	8·8	82	89	24	2	24	4	10	10≡⁰	0·9	—	75	Overcast. ≡⁰
2	1030·1	1026·4	79·7	79·7	81	80	0·4	0·5	9·1	9·1	94	94	24	6	22	7	10	10●	2·8	—	79	Dull and overcast. ● n.
3	1020·9	1020·3	80·6	78·6	81	79	0·4	0·6	9·8	8·5	95	92	24	6	—	1	10●≡⁰	10●	15·0	—	78	Ʊ 19 h. ● 22 h.
4	1012·5	1002·0	81·2	79·8	82	78	0·4	0·3	10·2	9·5	95	97	22	5	—	1	10	10●	17·1	—	77	● a. and p.
5	996·2	997·9	76·5	77·4	81	75	0·7	1·4	6·8	6·4	88	78	26	6	24	8	10●	5	5·8	0·2	73	▲● a. Double ⌒ 14 h. ⚡✻● p.
6	988·1	975·9	76·3	74·2	77	74	1·2	0·6	6·4	5·8	81	87	8	3	4	4	10✻●	10✻●	6·6	—	73	✻▲● all day.
7	993·2	1013·1	74·8	72·7	76	72	1·8	1·7	5·1	3·7	71	62	4	5	—	1	2	0	—	4·6	70	Fine, but with cold wind.
8	1013·8	995·5	70·8	74·8	75	69	1·5	0·8	3·1	6·1	55	87	—	1	4	3	10	10✻●	13·2	—	66	✻ 14 h.–20 h. ● 21 h.–midt.
9	991·8	1002·3	77·8	78·6	80	75	0·8	0·3	7·5	8·8	88	96	20	2	24	2	10●	10●	3·0	1·1	70	● showers all day.
10	1013·1	1014·8	76·6	79·7	80	76	0·4	1·1	7·5	8·1	94	84	—	1	12	5	8≡⁰	10≡⁰	4·3	—	75	Dense mist all day.
11	1014·2	1018·9	79·6	78·0	81	77	0·8	0·6	8·8	8·1	89	92	16	8	—	1	10●	2	1·4	0·3	75	Fair, calm and mild.
12	1022·0	1019·6	78·5	79·1	80	76	1·1	0·8	7·8	8·5	86	88	16	3	14	5	10	0≡⁰	2·5	—	75	Very mild, with drizzle.
13	1016·5	1015·9	80·6	81·6	82	79	0·8	1·0	9·1	9·8	90	87	16	7	16	3	10	10≡⁰	0·3	0·4	77	Cloudy.
14	1012·5	1013·8	79·7	80·2	82	79	1·1	0·5	8·1	9·5	84	92	12	4	20	2	10●	10≡⁰	5·3	—	78	●≡⁰ 9 h.–17 h.
15	1009·8	1006·7	79·7	80·2	81	79	0·6	1·2	9·1	8·5	92	83	12	3	12	5	10≡	10≡⁰	4·8	—	78	Dull, dark and misty.
16	1005·4	1009·1	79·1	78·0	80	77	0·9	1·2	8·1	7·1	86	83	8	5	8	5	10●	10●	5·6	—	77	● showers all day.
17	1016·9	1019·2	74·7	73·6	78	71	1·1	1·7	5·4	4·4	80	69	8	6	8	5	10▲✻	10✻	1·0	—	70	▲✻●
18	1017·6	1014·8	72·6	72·9	74	72	0·7	1·0	4·7	4·7	81	77	4	4	2	2	10✻	10	1·0	—	70	✻ 14 h.–17 h.
19	1021·3	1020·9	71·9	73·0	74	71	0·6	0·6	4·7	5·4	83	87	—	1	4	3	10≡⁰	10≡⁰	1·4	—	68	Overcast, frosty and misty.
20	1017·6	1017·9	76·4	78·4	79	73	0·6	1·0	7·1	7·8	90	88	4	3	8	2	10	10≡⁰	3·0	0·1	70	Dull, damp and misty.
21	1018·6	1016·9	77·3	78·6	80	76	0·5	0·5	7·8	8·5	92	94	—	1	—	1	10≡⁰	10≡⁰	0·3	—	76	Overcast. Dense mist n.
22	1013·8	1011·1	77·4	75·3	79	75	0·5	0·6	7·8	6·4	92	89	—	1	4	3	10	10≡⁰	—	0·2	75	Dense mist all day.
23	1011·5	1010·1	74·3	73·1	76	73	1·3	1·1	5·1	4·7	77	76	4	3	4	3	7	0	—	0·4	73	Fair, but cold.
24	1004·3	1002·3	74·8	74·7	75	72	0·9	0·9	6·1	5·8	85	84	4	2	26	2	10	10	0·8	—	70	✻● (sleet). Overcast and cold.
25	1003·0	1009·4	74·7	76·8	78	72	0·6	1·6	6·1	6·1	90	78	20	2	4	3	10	10	—	0·1	71	Fair, but overcast.
26	1016·2	1019·9	73·6	73·6	77	73	1·5	1·0	4·7	5·1	72	81	4	2	4	2	0	0	—	4·8	70	Fine and clear.
27	1024·7	1026·0	73·6	71·3	77	71	1·2	0·9	5·1	3·7	78	72	4	2	—	1	0	0	—	2·8	69	Fine.
28	1027·4	1027·0	67·7	68·9	72	67	0·5	0·9	3·1	2·7	73	64	—	1	—	1	0≡⁰	0≡⁰	—	3·3	64	Fine.
29	1028·7	1029·1	65·8	69·7	74	n 65	1·1	1·1	1·7	2·7	47	58	4	2	—	1	0	4Ʊ	—	4·8	n 62	Bright and frosty.
30	1026·7	1021·6	71·3	74·8	76	67	1·1	1·2	3·7	5·4	67	79	—	1	20	2	0≡⁰	10	1·1	—	64	✻⁰ showers. Ʊ 19 h. 30 m.
31	1018·2	1014·5	74·7	73·3	77	74	1·4	0·9	5·4	5·1	76	81	—	1	—	1	7≡⁰	10	—	1·7	70	Sunny intervals.
Mean	1014·1	1013·7	76·0	76·2	78·3	74·1	0·9	0·9	6·6	6·6	82	83	3·2		2·9		7·9	7·5	97·2	0·80	72·2	
Mean Barometer at Station Level.	1000·3	999·9																				

* Metres per second.

† Beaufort Scale (0—12).

SHREWSBURY, SHROPSHIRE.—JANUARY 1912.

Heights above Mean Sea Level:—Station, H = 57·9 m.; Barometer, H_b = 64·7 m. Heights above Ground:—Therms., h_t = 1·2 ft.; Rain-gauge, h_r = 0·3 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200+ °	
1	1031·4	1031·1	82·4	80·2	x 85	74	0·5	0·5	10·8	9·5	93	92	20	2	20	2	5	5	—	—	75	Fine and bright.
2	1031·1	1027·7	80·8	81·3	82	78	1·1	1·1	8·8	9·1	86	86	24	2	20	3	7	8	—	—	77	Fine, but dull.
3	1024·7	1020·6	81·9	83·0	83	81	1·7	1·1	8·8	10·5	79	86	20	3	20	2	8	8	—	—	79	Dull a. Bright midday.
4	1014·2	1004·3	81·9	83·0	x 85	81	0·6	0·0	10·5	12·2	93	100	24	3	24	2	5	10	3·0	—	80	Fine a. Stormy p.
5	1000·6	1001·6	77·4	76·9	84	76	0·5	1·7	7·8	6·1	92	77	20	2	24	3	7	2	3·6	—	75	Stormy a. Fine p.
6	986·7	975·6	74·7	80·8	81	75	0·0	1·7	6·8	8·1	100	79	12	3	24	4	10	2	6·6	—	74	✻ 9 h.–11 h. ≡ 15 h.–19 h.
7	993·5	1013·8	75·2	72·4	81	71	0·0	1·1	7·1	4·4	100	72	28	2	28	2	8	5	—	—	74	Fine, but dull.
8	1013·8	996·2	71·9	75·2	80	69	0·6	0·0	4·7	7·1	83	100	12	1	4	2	10	10	9·4	—	69	⌴. ✻⊠ till 16 h., then ●.
9	994·9	1003·3	80·8	79·7	83	71	1·1	0·6	8·8	8·8	86	92	20	2	20	2	5	7	0·8	—	73	Fine and clear.
10	1013·1	1014·2	75·2	80·2	81	73	0·0	0·0	7·1	10·2	100	100	24	1	20	1	7	10	3·8	—	71	⌴. Fine.
11	1015·2	1020·3	79·7	76·9	82	72	0·0	0·6	9·8	7·5	100	92	16	2	18	1	7	2	0·5	—	75	Dull a. Bright p.
12	1023·3	1022·0	78·0	79·7	81	75	0·6	0·6	8·1	8·8	92	92	18	2	16	2	5	8	—	—	72	Dull.
13	1017·2	1015·9	81·3	82·4	83	80	0·5	1·1	10·2	10·2	93	86	20	2	14	3	8	8	—	—	77	Dull.
14	1013·1	1014·5	79·7	80·2	82	79	0·6	0·5	8·8	9·1	92	92	14	3	14	2	10	6	—	—	79	Dull a. ≡⁰ all day.
15	1010·1	1005·0	78·0	80·2	82	77	0·0	0·5	8·8	9·1	100	92	16	3	12	3	5	10	1·8	—	76	≡ a. Fine midday.
16	1004·7	1007·4	79·7	79·1	81	79	0·6	0·0	8·8	9·5	92	100	12	3	12	1	8	10	11·4	—	79	Dull day. Wet evening.
17	1013·8	1016·9	74·1	70·8	81	70	0·0	0·0	6·8	5·1	100	100	8	2	4	2	10	10	20·6	—	73	✻ 8 h.–16 h. 30 m. ⊠ 7 ins.
18	1015·5	1014·2	71·3	72·4	78	70	0·0	0·0	5·4	5·8	100	100	8	2	8	1	10	10	2·0	—	72	✻ till 6 h. 30 m. ⊠ 8 ins.
19	1020·9	1016·2	70·8	74·1	80	69	0·0	0·0	5·1	6·8	100	100	8	2	12	2	8	10	5·1	—	74	✻⊠ 8 ins. Dull.
20	1016·2	1015·5	72·4	75·8	80	71	0·0	0·0	5·8	7·5	100	100	12	2	8	2	10	10	0·8	—	74	Wet ≡ all day.
21	1019·9	1017·9	72·4	72·4	80	72	0·5	0·0	5·1	5·8	85	100	8	2	8	1	10	10	—	—	72	≡ till midday.
22	1014·8	1010·8	70·8	71·9	80	70	0·0	0·0	5·1	5·8	100	100	12	2	8	2	10	10	2·8	—	72	≡⌴ all day.
23	1009·4	1008·1	74·1	75·2	79	72	1·1	0·5	5·4	6·4	79	91	8	2	8	1	10	8	4·8	—	72	✻ till 10 h. Dull.
24	1003·3	1002·3	74·1	75·2	81	71	0·0	1·1	6·8	5·8	100	82	24	2	4	1	10	10	3·0	—	74	✻≡⁰. Dull.
25	1004·7	1008·4	73·0	76·9	80	72	0·0	1·1	6·1	6·8	100	84	8	2	28	2	6	8	—	—	72	Bright midday.
26	1014·8	1018·6	73·0	72·4	81	72	0·6	0·0	5·4	5·8	87	100	28	3	28	1	5	0	—	—	71	⌴
27	1024·3	1025·7	70·2	70·2	80	69	0·0	0·0	5·1	5·1	100	100	28	1	32	1	10	0	—	—	69	⌴≡². Fine midday.
28	1027·0	1026·4	66·3	68·0	81	65	0·0	0·0	3·7	4·1	100	100	4	1	4	2	8	0	—	—	67	⌴≡. Fine p.
29	1029·1	1029·1	64·1	66·9	77	n 63	0·0	0·0	3·1	3·7	100	100	28	2	28	2	5	0	—	—	n 65	⌴≡⁰. Fine.
30	1028·1	1023·7	68·6	75·8	77	64	0·0	1·1	4·4	6·1	100	83	28	2	28	3	8	8	1·3	—	n 65	⌴≡. Dull.
31	1019·2	1015·5	75·8	75·2	80	67	0·0	1·1	7·5	5·8	100	82	24	3	24	2	10	8	—	—	71	⌴≡. Dull.
Mean	1014·5	1013·6	75·2	76·3	81·0	72·7	0·3	0·5	7·0	7·3	95	92	2·1		1·9		7·9	6·9	81·3	—	73·2	
Mean Barometer at Station Level.	1006·4	1005·6																				

CAMBRIDGE, a.—JANUARY 1912.

Heights above Mean Sea Level:—Station, H = 12·8 m.; Barometer, H_b = 13·1 m. Heights above Ground:—Therms., h_t = 1·2 m.; Rain-gauge, h_r = 0·3 m Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local mean time.

													†		†							
1	1031·1	1031·1	80·1	81·6	x 85	79	0·0	0·1	10·2	10·8	100	98	24	1	20	1	10∞	10≡⁰	—	1·8	74	Overcast a. Sunny p.
2	1030·8	1028·4	77·3	80·6	82	75	0·2	1·1	8·1	8·8	97	86	20	1	20	2–3	8∞	10	—	3·6	71	Fine and sunny.
3	1023·3	1021·3	81·3	81·9	82	80	1·6	0·8	8·5	10·2	80	90	20	2	20	1	10	10	3·8	—	75	Overcast and gloomy.
4	1014·8	1006·0	81·4	82·6	83	81	0·5	0·4	10·2	11·2	93	95	20	2	20	5	8	10	1·3	—	79	Gloomy. ● 18 h.
5	998·2	1000·6	80·1	76·0	83	76	1·0	1·2	8·8	6·1	87	83	24	3	24	4	8	0	1·5	4·2	77	Fine and sunny.
6	992·5	973·2	75·8	83·0	83	75	0·2	1·1	7·1	10·5	96	86	12	2	20	6	10●⁰	10	5·6	—	71	● 7 h. 30 m.–19 h. ✻⁰.
7	988·1	1010·1	76·9	74·7	83	74	0·7	0·6	7·1	6·1	90	90	28	2	28	2	9∞	10	0·8	0·3	74	● at intervals 10 h.–13 h.
8	1015·2	1000·6	74·7	74·7	76	70	0·4	0·4	6·4	6·4	93	93	12	1	12	3	9∞⌴	10●⁰	4·6	—	67	△✻● 17 h. 30 m.–21 h.
9	996·5	1003·7	79·2	77·9	84	75	0·1	0·5	9·1	8·1	97	94	16	1	20	2	8∞	2	—	4·9	71	✻△● n. Fine and sunny.
10	1014·5	1018·9	74·1	79·0	81	74	0·0	0·3	6·8	8·8	100	96	16	1	10	2–3	10≡⁝²	10	—	3·3	69	≡⁝² 8 h. 30 m.–10 h., then [sunny.
11	1018·6	1020·6	79·1	76·3	80	75	1·1	0·0	7·8	7·8	84	100	12	2	Calm	0	10	0	3·0	—	72	● 13 h. 30 m.–15 h. 30 m.
12	1024·7	1023·3	76·3	75·9	80	75	0·0	0·0	7·8	7·5	100	100	16	1	16	1	10∞	0	2·8	0·3	71	Overcast. ≡⁝³ 18 h.–21 h.
13	1020·3	1018·9	79·0	79·3	80	76	0·3	0·4	8·8	8·8	95	93	12	2	12	1	10●⁰∞	10	—	—	72	Overcast.
14	1015·9	1016·2	79·7	79·4	80	79	0·7	0·6	8·8	8·8	90	90	12	1	12	2	10	10	—	—	78	Very gloomy.
15	1013·1	1010·1	79·1	78·7	80	78	0·1	0·1	9·1	8·8	98	98	12	2	12	4	10∞	10	—	—	78	Gloomy and very cold.
16	1009·1	1010·4	78·0	78·3	79	78	0·0	0·3	8·8	8·5	100	96	12	3–4	10	3	10	10●⁰	8·4	—	77	Gloomy.
17	1015·2	1015·9	74·8	72·4	79	72	1·2	0·0	5·4	5·8	79	98	12	4–5	12	2	10✻⁰	10✻	15·2	—	73	Overcast and very cold. ✻△
18	1013·8	1013·1	72·9	76·9	77	72	0·0	0·1	6·1	7·8	100	98	12	1	12	2	10✻⊠	10⊠	0·8	—	72	⊠. Gloomy. ●⁰ at intervals.
19	1022·0	1018·9	74·2	78·6	79	74	0·1	0·2	6·4	8·8	98	98	8	1	Calm	0	3∞⊠	10●⁰	3·6	—	71	Gloomy. ⊠
20	1016·9	1017·2	79·7	78·6	81	77	0·6	0·6	8·8	8·1	92	92	12	1	12	2	9∞	10	0·5	—	71	●⁰ at intervals a and p.
21	1018·9	1017·2	78·0	75·3	79	75	0·0	0·0	8·8	7·1	100	100	22	1	20	1	10≡⁝²	10≡⁝²	0·3	—	71	Gloomy. ≡⁝² after dark.
22	1014·2	1009·8	73·7	74·1	76	73	0·0	0·0	6·4	6·8	100	100	16	1	32	1	10≡⁝³	10≡⁝³	11·7	—	74	≡⁝² all day.
23	1008·1	1006·4	76·5	77·2	78	73	0·2	0·0	7·5	8·1	98	100	32	1	32	2	10●⁰	10	11·9	—	73	● till 9 h. Gloomy.
24	1001·0	1001·6	74·7	74·8	77	75	0·0	0·0	6·8	7·1	100	100	32	1	32	1	10●⁰	10●²	5·8	—	74	Gloomy. ● most of day.
25	1003·0	1006·7	75·1	75·9	79	74	0·1	0·5	6·8	7·1	98	93	20	1	20	1	9∞	10	—	3·4	74	Fine and sunny.
26	1011·5	1016·9	75·8	74·7	78	74	0·6	0·7	6·8	6·1	91	88	32	1	32	1	5∞	0	—	1·8	72	Fine and sunny a.
27	1022·0	1024·7	74·1	71·5	77	71	1·1	0·2	5·4	5·1	79	93	32	1	32	1	2	0	—	7·2	67	Beautiful day.
28	1026·0	1026·0	66·9	67·3	76	65	0·0	0·0	3·7	4·1	100	100	Calm	0	Calm	0	0∞⌴	0⌴	—	4·2	n 63	Fine and sunny.
29	1027·0	1026·7	64·7	71·3	75	n 64	0·0	0·1	3·1	5·1	100	96	16	1	32	1	0⌴	0	—	2·1	n 63	Fine and sunny.
30	1026·0	1020·6	69·1	74·1	76	66	0·1	0·6	4·4	5·8	94	88	20	1	24	1	2∞	10	0·5	3·1	64	Overcast from 14 h.
31	1016·2	1014·2	74·1	72·4	77	71	0·4	0·5	6·1	5·1	91	85	24	2–3	28	1	10✻	10	0·3	1·6	72	Sunny intervals.
Mean	1014·5	1013·8	76·0	76·6	79·5	74·0	0·4	0·4	7·3	7·6	94	94	1·5		1·8		8·1	7·5	82·4	1·34	71·9	
Mean Barometer at Station Level.	1012·8	1012·2																				

† Beaufort Scale (0—12).

Southampton, Hampshire, a.—January 1912.

Heights above Mean Sea Level:—Station, H = 19·5 m.; Barometer, H_b = 25·6 m. Heights above Ground:—Therms., h_t = 1·37 ft. Rain-gauge, h_r = 0·3 m. Lat. 50° 55′ N. Long. 1° 24′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200+ °	
1	1033·1	1033·8	81·9	79·6	83	80	0·5	0·4	10·5	9·1	94	94	28	2	28	1	10	0	—	—	74	Dull and misty. ⌓ p.
2	1034·1	1031·8	79·1	81·3	81	76	0·5	1·4	8·8	8·8	92	82	20	2	20	2	6	10	—	—	71	Dull and misty. ⌓ p.
3	1026·7	1024·7	81·3	82·2	83	81	1·0	0·7	9·5	10·5	87	91	24	2	20	2	10	10	—	—	79	Dull.
4	1018·9	1010·4	81·3	83·0	83	81	0·5	0·6	10·2	11·2	93	93	20	2	20	2	10●⁰	10	3·6	—	80	●⁰ 8 h. 30 m.–10 h. 30 m.
5	1003·7	1005·7	79·7	77·1	83	77	1·0	0·8	8·5	7·1	85	88	28	2	24	4	0	0	8·1	3·6	71	● showers n. and a. ☈ midt.–14 h.
6	991·1	980·0	80·0	83·4	84	76	0·2	1·7	9·5	9·8	97	80	20	2	28	4	10●	1	11·9	—	71	● 4 h. 30 m.–15 h.
7	989·8	1013·1	78·1	75·3	84	75	1·1	1·3	7·5	5·8	84	79	32	2	28	1	10	0	—	0·1	76	● 0 h.–1 h., 5 h.–7 h. and 13 h.
8	1016·5	998·6	73·3	80·2	80	71	0·6	0·3	5·4	9·8	88	95	4	2	12	5	10	10●	13·7	—	67	⌴. ● 12 h. 30 m.–22 h.
9	1001·3	1006·7	81·3	79·7	x 85	79	1·0	0·8	9·5	8·8	87	89	20	2	20	4	5	0	—	4·5	76	● showers till 6 h.
10	1015·2	1017·9	75·2	81·4	82	75	0·4	0·4	6·8	10·2	92	94	20	2	12	5	10≡³	8	—	—	71	≡³ 7 h. to ≡⁰.
11	1018·9	1022·3	80·8	78·8	82	79	1·0	0·3	9·1	8·8	87	95	12	2	12	2	10	0≡⁰	2·0	0·6	79	Dull. ● 11 h.–14 h.
12	1025·3	1023·7	77·4	80·7	81	77	0·5	0·4	7·8	9·8	93	95	24	2	12	2	10≡³	9	0·5	—	72	≡³ a. to ≡⁰ p.
13	1020·6	1018·6	81·1	80·8	82	80	0·5	0·7	10·2	9·5	93	92	12	2	12	3	10	10	—	—	79	Dull and misty.
14	1017·2	1016·2	80·8	80·8	81	79	0·5	0·3	9·8	10·2	94	97	12	2	12	3	10	10	1·8	—	78	Dull and misty. ● from 19 h.
15	1012·5	1008·4	80·8	81·6	82	80	0·5	0·5	9·8	10·2	94	93	12	2	12	3	10●⁰	10	1·0	—	80	●⁰ till 7 h. Misty.
16	1004·0	1007·7	80·8	81·1	82	81	0·5	0·5	9·8	10·2	94	94	12	2	12	4	10	10●⁰	6·9	—	80	Dull and misty, with ●⁰.
17	1009·1	1012·5	78·5	73·8	81	74	0·4	0·3	8·5	6·1	95	94	4	4	4	5	10●	10●	19·8	—	74	● more or less n. and day.
18	1011·5	1015·9	74·4	74·7	76	73	0·2	0·3	6·4	6·4	96	95	4	4	20	3	10●	10	2·4	—	73	✻● n. ● till 16 h.
19	1020·6	1016·9	74·2	79·6	81	74	0·1	0·5	6·4	9·1	98	93	4	2	12	3	3	10	0·9	3·6	71	Fine.
20	1014·8	1016·9	81·3	82·1	83	79	0·4	1·0	10·2	10·2	94	88	12	2	12	2	8	10●	0·3	1·0	79	Fine. ●⁰ in evening.
21	1020·3	1017·9	79·4	79·1	82	78	0·2	0·3	9·1	8·8	97	94	4	2	12	2	10≡²	10	—	—	73	≡², then damp and misty.
22	1013·1	1007·1	77·2	78·8	79	76	0·2	0·6	7·8	8·5	97	93	4	2	4	3	10	10●⁰	2·0	—	73	Dull. ●⁰ showers p.
23	1005·0	1003·3	78·9	78·9	80	78	0·2	0·5	8·8	8·5	97	93	4	2	4	4	10	10	11·7	—	78	● 1 h.–4 h. Dull.
24	997·2	1000·6	80·1	79·5	81	77	0·3	0·4	9·5	9·1	95	95	8	2	28	2	10	10●	4·7	—	77	Dull. ● showers p.
25	1004·3	1006·7	75·8	77·4	80	75	0·6	0·5	6·8	7·8	91	92	4	2	4	2	10≡²	10	5·1	—	72	● 12 h.–17 h.
26	1010·4	1015·2	76·4	76·5	79	75	0·8	1·5	6·8	6·1	87	78	4	4	4	4	8	10	—	0·8	72	Fine.
27	1020·6	1023·7	75·2	72·7	77	72	0·4	1·0	6·8	4·4	92	75	4	2	4	4	3	0	—	2·3	70	Fine, but cold.
28	1025·7	1026·4	71·9	72·0	77	70	0·6	1·4	4·7	3·7	83	63	4	2	4	1	0	0	—	6·4	66	⌴ a. Fine, but cold.
29	1025·3	1027·4	69·8	72·5	76	n 69	0·3	0·2	4·1	5·8	86	95	4	2	4	2	0	0	—	6·6	66	⌴ a. Fine, but cold.
30	1027·0	1024·7	70·9	74·0	77	n 69	0·2	1·4	5·1	5·1	95	76	4	2	4	2	0	10	—	4·8	n 64	⌴ a Fine, but cold.
31	1019·6	1016·2	73·0	74·8	78	72	1·0	0·4	4·7	6·4	76	93	28	2	28	2	3	10≡⁰	—	0·1	67	⌴ a. Fine, but cold.
Mean	1014·6	1014·5	77·7	78·5	80·9	76·0	0·5	0·7	8·0	8·3	91	89	2·2		2·8		7·6	7·0	96·4	1·11	73·5	
Mean Barometer at Station Level.	1011·4	1011·3																				

Falmouth, Cornwall, a.e.—January 1912.

Heights above Mean Sea Level:—Station, H = 50·9 m.; Barometer, H_b = 55·8 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·6 m Lat. 50° 9′ N. Long 5° 4′ W. *Time*, Greenwich mean time.

													*		*		10 h.	10 h.	10 h.			
1	1034·5	1034·5	81·9	82·0	83	82	0·7	1·2	10·2	9·5	92	85	19	2	18	2	9	10	—	0·5	—	Fair, but overcast.
2	1034·5	1032·5	81·8	81·3	83	81	1·2	1·4	9·5	8·8	85	81	—	1	19	3	10	10	—	—	—	Fair and dry, but overcast.
3	1029·7	1027·0	82·0	81·9	83	82	1·3	0·8	9·5	10·2	84	90	24	3	23	3	10	10	0·3	—	—	Dull.
4	1020·9	1011·8	82·0	82·3	83	81	0·5	0·5	10·8	10·8	94	93	21	7	21	7	10	9	7·4	—	—	Dull and damp.
5	1008·4	1010·4	79·1	78·5	83	79	1·8	1·2	7·1	7·5	76	85	24	7	22	5	3	10	29·5	4·3	—	Bright a. Cloudy p. ▲ n.
6	985·7	985·7	84·2	84·1	x 85	80	0·6	1·7	12·2	10·5	92	81	22	11	22	10	10●²	9	12·2	—	—	Stormy. Continuous ●² till 15 h.
7	991·1	1014·2	81·7	77·1	83	77	1·6	1·1	8·8	6·8	81	84	27	6	—	1	7	2	3·8	3·7	—	Cloud and sunshine.
8	1008·8	997·9	80·2	83·8	x 85	79	0·5	1·0	9·5	11·5	92	89	15	7	20	10	10●	5	10·7	—	—	Stormy. ● 7 h.–16 h. 30 m.
9	999·3	1008·4	82·4	80·4	84	79	1·1	0·7	10·2	9·1	86	90	20	7	23	3	5	0	—	5·1	—	Bright and sunny.
10	1010·4	1011·8	82·9	82·7	84	80	0·7	0·8	11·2	10·8	91	89	15	5	15	6	10	10	10·9	—	—	Dull and overcast.
11	1015·5	1022·6	82·1	79·0	84	78	0·3	0·6	11·2	8·5	97	92	—	1	—	1	7	2	—	4·4	—	●² early a. Sunny.
12	1025·0	1020·6	79·7	82·4	83	78	0·6	1·0	9·1	10·2	92	88	—	1	17	4	10	10	0·8	—	—	Overcast.
13	1017·6	1013·8	83·1	83·3	84	83	0·5	0·6	11·5	11·5	94	93	17	4	16	5	10	10●	11·7	—	—	Dull and dark. ●² n.
14	1011·1	1015·9	83·4	78·7	84	77	0·5	1·1	11·9	7·8	94	86	17	6	—	1	10●	0	0·8	0·6	—	● a. Fair to fine p.
15	1007·4	1000·3	81·3	82·9	83	77	1·0	0·6	9·5	11·2	87	92	15	7	15	9	10	10●⁰	20·3	—	—	Dull. ● from 14 h.
16	998·9	1005·7	83·2	80·2	84	80	0·4	0·3	11·9	9·8	96	95	15	6	—	1	10●	0	1·0	—	—	● till 11 h. Dull.
17	1008·8	1011·5	80·6	80·3	83	79	0·4	1·0	9·8	8·8	95	86	—	1	6	2	10≡	10	—	—	—	≡² early a. Overcast.
18	1012·8	1015·5	76·3	76·9	79	76	1·0	0·6	6·4	7·5	84	91	1	2	—	1	10	10	—	—	—	Overcast.
19	1015·9	1012·5	81·4	82·0	83	79	1·2	1·0	9·1	9·8	85	87	13	5	11	4	10	10	—	2·0	—	Sunny intervals.
20	1008·4	1014·2	82·5	81·4	84	80	1·2	1·1	10·2	9·5	85	86	13	5	17	5	10	0	2·0	0·6	—	Overcast. ●² 14 h. 30 m.
21	1017·6	1015·5	80·7	81·3	83	78	0·6	1·1	9·5	9·5	93	86	15	2	10	4	3	10	—	5·7	—	Fine and bright.
22	1009·4	1004·7	*81·4*	81·1	*82*	*81*	*0·7*	0·8	*9·8*	9·8	*91*	90	8	5	11	2	10	9	9·1	—	—	Dull and overcast. ● n.
23	1002·7	1001·6	80·8	81·2	82	79	0·5	0·9	9·8	9·5	94	89	—	1	6	3	10	10●	9·1	—	—	Dull and overcast. ● late n.
24	999·9	1000·3	79·7	77·8	80	77	1·1	0·4	8·1	8·1	84	93	8	2	26	2	10	4	5·1	0·2	—	● early a. ● showers p.
25	1002·0	1006·7	79·2	79·1	82	77	0·4	0·5	8·8	8·8	94	92	—	1	—	1	4	0≡⁰	—	4·7	—	● 5 h. 30 m.–7 h. Mild.
26	1011·1	1014·8	78·0	77·3	79	76	1·2	1·8	7·1	6·1	83	75	4	3	3	5	10	10	—	—	—	Fair, but overcast.
27	1019·6	1022·3	76·8	75·5	78	75	1·6	1·8	6·1	5·4	78	73	4	3	4	2	9	0	—	0·6	—	Fair, but overcast.
28	1023·7	1023·0	74·9	77·4	79	73	1·3	2·7	5·4	5·4	78	64	32	2	11	5	10	0	—	5·9	—	Bright, but cold.
29	1024·0	1027·7	77·3	73·8	79	73	2·6	2·5	5·4	3·7	64	58	12	5	—	1	3	0	—	4·5	—	Bright a. Cloudy afternoon.
30	1028·4	1026·7	72·9	73·6	77	n 72	2·5	0·6	3·1	5·8	52	89	1	2	—	1	0	0	—	7·0	—	Frosty a. Bright and cold.
31	1022·6	1016·9	74·7	74·7	78	n 72	1·7	1·2	5·1	5·4	72	79	—	1	—	1	9≡⁰	10	—	—	—	Fine.
Mean	1013·1	1013·8	80·3	79·8	82·1	78·0	1·0	1·0	8·8	8·4	86	85	3·9		3·5		8·4	6·1	134·7	1·61	—	
Mean Barometer at Station Level.	1006·2	1006·9																				

* Metres per second. † Beaufort Scale (0—12).

Armagh, a.—January 1912.

Heights above Mean Sea Level:—Station, H = 59·8 m.; Barometer, H_b = 61·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200+ °	
1	1027·4	1028·1	83·0	81·1	x 85	81	0·7	0·9	11·2	9·5	91	89	18	3	19	6	9	10	—	0·4	79	Cloudy.
2	1028·1	1023·0	80·7	81·0	82	81	0·5	1·0	9·8	9·1	94	88	20	4	20	5	10	10	1·0	—	80	Overcast.
3	1022·6	1017·2	79·6	79·7	82	79	0·0	0·1	9·8	9·5	100	98	—	1	19	2	10	10●⁰	2·8	—	80	Frequent drizzle.
4	1011·1	1002·0	80·6	80·2	82	79	0·9	0·7	9·1	9·1	88	90	22	2	22	2	10	10	3·7	—	79	Frequent drizzle.
5	999·3	1000·3	75·2	74·0	81	74	0·5	0·4	6·4	6·1	91	92	22	3	20	4	9	9	10·3	0·7	73	Fine a. ● showers p.
6	980·3	979·3	75·0	74·8	76	74	0·3	0·1	6·8	6·8	95	98	7	3	—	1	10●	10	8·3	—	73	Drizzle all day.
7	998·9	1014·8	73·7	71·9	76	72	1·2	1·0	5·1	4·1	79	71	4	3	—	1	10	0	1·8	5·1	72	Fine, but cold.
8	1003·3	984·4	75·6	78·9	79	n 69	0·4	0·2	6·8	8·8	94	97	12	6	—	1	10●	10	22·4	—	n 65	● all day.
9	989·1	1002·0	78·0	76·6	81	76	0·6	0·8	7·8	6·8	91	87	18	3	19	3	1	0	0·6	0·2	75	Overcast till 17 h.
10	1005·4	1002·0	81·2	81·6	82	75	0·8	0·5	9·5	10·2	89	93	12	6	18	10	10	10●	4·8	—	71	Overcast. ● from 17 h.
11	1009·4	1014·8	80·2	77·6	83	77	0·6	0·7	9·1	7·5	91	89	18	5	17	5	10	7	0·7	2·0	78	Fine.
12	1016·2	1009·4	80·2	80·5	82	77	0·6	0·6	9·1	9·5	91	91	17	5	15	8	10	10	7·0	—	76	Overcast.
13	1009·1	1006·7	81·8	82·0	84	81	0·6	1·0	10·5	9·8	93	87	17	6	14	6	3	10	3·8	1·7	80	Very fine.
14	1003·3	1010·8	80·7	76·1	82	76	0·5	1·0	9·8	6·4	94	85	14	6	17	5	10●	0	—	1·9	80	● early a. Fine day.
15	1002·7	993·5	78·9	80·8	81	76	1·6	0·5	7·5	9·8	80	94	13	5	13	9	10	10●	16·6	—	75	● from 14 h.
16	995·2	1002·7	81·1	79·8	82	80	0·5	0·6	10·2	9·1	94	92	13	5	12	5	10	0	6·6	—	78	Overcast till 16 h.
17	1010·4	1016·2	78·6	73·8	80	74	0·4	0·5	8·5	5·8	95	91	10	4	9	5	10	10	0·3	—	77	Overcast.
18	1017·2	1013·8	74·7	74·2	76	73	0·7	0·7	6·1	5·8	87	86	8	2	—	1	10	10	—	0·1	73	Overcast.
19	1015·5	1016·5	78·4	77·8	81	74	1·0	1·1	7·8	7·1	87	85	13	3	—	1	9	10	—	2·0	70	Fine.
20	1014·2	1013·5	77·9	78·9	80	77	0·5	0·2	8·1	9·1	94	98	4	2	7	2	10	10	0·3	—	75	Overcast.
21	1017·9	1016·5	77·4	75·6	81	76	0·2	0·0	8·1	7·5	98	99	—	1	—	1	0	10	0·3	3·6	72	Fine a.
22	1013·8	1011·8	72·4	74·1	76	72	0·1	0·1	5·8	6·4	96	97	—	1	—	1	10≡	10	—	—	72	≡ a. Overcast.
23	1011·5	1008·8	74·0	74·3	76	71	0·7	1·1	5·8	5·4	86	80	8	3	5	3	10	0	—	4·0	66	⌴ a. Fine.
24	1005·4	1004·0	71·9	70·2	76	70	0·3	0·6	5·1	3·7	92	75	5	2	—	1	2	0	—	2·3	68	⌴ a. Fine.
25	1007·1	1012·5	73·0	75·0	76	70	0·7	0·6	5·1	6·4	84	90	—	0	4	2	10	10	—	—	66	⌴ a. Overcast.
26	1018·2	1021·3	72·6	73·0	75	71	0·6	1·1	5·1	4·7	83	75	—	1	—	1	10	10	—	0·6	66	⌴ a. Mostly overcast.
27	1023·7	1024·3	74·3	73·7	77	73	0·7	1·3	5·8	5·1	86	77	—	1	—	1	10	10	—	1·4	72	Fine.
28	1024·0	1023·7	72·9	70·5	75	71	1·2	0·5	4·4	4·1	73	81	—	1	—	1	10	0	—	0·2	68	Fair.
29	1026·4	1028·7	72·4	70·2	77	n 69	0·4	1·1	5·1	3·1	86	61	—	0	—	1	10	0	—	1·7	n 65	Fine.
30	1028·4	1023·7	72·2	72·2	78	70	0·4	1·1	5·1	4·1	90	72	18	3	19	3	10	6	2·0	4·2	66	Fine.
31	1019·9	1016·2	75·1	73·6	79	72	0·0	0·3	7·1	6·1	99	94	—	1	—	1	10	9	0·1	0·9	70	Fine.
Mean	1011·5	1011·0	76·9	76·2	79·5	74·5	0·6	0·6	7·5	7·0	90	87	2·9		3·2		8·8	7·1	93·4	1·06	72·9	
Mean Barometer at Station Level.	1003·8	1003·4																				

Markree Castle, Sligo, a.b.—January 1912.

Heights above Mean Sea Level:—Station, H = 37·2 m.; Barometer, H_b = 38·7 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 54° 11′ N. Long. 8° 27′ W. *Time*, Dublin mean time.

													†		†							
1	1027·7	1027·7	81·9	81·3	x 85	81	0·6	1·1	10·5	9·5	93	86	16	2	14	1	10	6	—	—	81	Fair, but dull.
2	1027·4	1023·7	81·3	82·2	84	80	0·5	1·4	10·2	9·5	93	82	20	3	20	2	9	10	1·8	0·5	77	Fair and mild.
3	1023·7	1017·2	80·2	83·0	83	80	0·1	0·0	9·8	12·2	98	100	Calm	0	22	2	10●⁰	10	6·1	—	80	Drizzle most of day. Mild.
4	1013·1	1003·7	80·6	79·1	84	79	0·9	0·5	9·1	8·8	88	92	24	1	Calm	0	9	10●	6·1	0·3	78	●⁰ showers. ✻● (sleet) n.
5	1002·3	1001·0	81·2	75·8	81	75	0·4	0·9	10·2	6·4	94	85	28	3	20	1	10●	10	11·7	2·5	72	✻● (sleet) ▲ showers.
6	977·9	980·6	75·2	75·2	77	74	0·5	0·5	6·4	6·4	91	91	10	2	Calm	0	10	10●	3·6	—	72	✻⁰ a. ✻● (sleet) showers.
7	1002·3	1013·1	75·2	70·2	77	69	1·1	0·5	6·1	3·7	82	79	Calm	0	Calm	0	2	2	3·8	6·3	73	Fine and bright.
8	995·9	983·0	75·2	80·2	82	70	0·5	0·5	6·4	9·5	91	92	12	5	20	1	10●	10●	12·7	—	67	✻⁰ a. ● p.
9	987·8	1002·0	77·4	74·7	82	74	0·5	0·4	7·8	6·4	92	93	Calm	0	Calm	0	9	0	—	2·5	74	Fine and mild.
10	1001·0	999·6	80·8	81·3	84	73	0·8	1·1	9·5	9·5	90	86	12	4	16	3	10	10	8·4	—	71	Rainy day. ● showers n.
11	1009·1	1014·2	78·6	79·1	83	78	0·6	0·9	8·5	8·1	92	86	16	2	16	2	3	9	0·5	4·3	76	Fine and mild.
12	1014·8	1005·4	80·8	81·3	82	79	0·6	0·5	9·8	10·2	93	93	16	2	16	6	10	10	9·7	—	77	Fair a. ● p. Mild.
13	1006·7	1004·0	81·6	82·4	84	80	0·8	1·1	9·8	10·2	89	86	12	3	12	2	9	10	6·4	0·4	80	Fine day. ● n.
14	1005·4	1009·1	77·2	76·6	84	75	0·3	0·8	7·8	6·8	96	87	Calm	0	12	1	9	0	—	4·2	76	Bright a. Dull p.
15	996·2	989·8	79·1	82·3	x 85	76	1·1	1·0	7·8	10·2	84	87	12	5	12	3	10	10	2·8	—	73	● showers p.
16	991·1	1001·0	80·4	79·7	83	79	0·7	0·6	9·1	9·1	90	92	12	3	12	2	8	10	3·0	3·5	79	Fair and mild. ● p.
17	1007·1	1013·8	79·1	75·8	82	75	0·5	1·1	8·8	6·1	92	83	12	2	12	1	10●	10	0·3	0·4	76	Fair.
18	1015·5	1012·8	75·2	75·2	77	75	0·5	0·3	6·4	6·8	91	94	Calm	0	12	2	10	10	—	—	74	Dull and cool.
19	1012·1	1013·5	76·1	79·4	81	74	0·9	1·1	6·4	8·1	86	84	12	3	12	4	2	9	—	1·0	71	Fine, but cool.
20	1013·1	1012·1	78·9	80·1	81	77	1·3	0·5	7·8	9·5	84	93	8	1	8	1	10	5	0·3	1·0	75	Dull and cool.
21	1017·9	1016·2	75·8	72·1	82	72	0·1	0·2	7·5	5·4	98	94	Calm	0	Calm	0	0	0	—	4·0	73	≡ a. and n. ⌴
22	1014·2	1012·5	75·1	75·2	77	71	0·4	1·2	6·8	5·8	94	80	Calm	0	Calm	0	10≡	10	—	1·6	71	≡⌴ a. Fair, but cool.
23	1011·5	1008·4	72·3	75·2	77	71	1·0	1·1	4·4	6·1	75	82	Calm	0	10	2	8	5	—	4·4	67	⌴. Dull and cold.
24	1004·7	1004·3	73·6	72·4	77	72	0·9	0·4	5·4	5·1	83	87	4	1	Calm	0	0	9	—	6·4	69	⌴. Fine, but cool.
25	1007·4	1013·1	67·9	74·1	77	67	0·2	0·5	3·7	6·1	92	89	Calm	0	Calm	0	5	6	—	—	65	⌴. Fine, but cool.
26	1017·9	1021·3	70·6	73·0	76	70	0·4	1·0	4·4	4·7	86	77	Calm	0	Calm	0	4	10	—	0·5	67	⌴. Fine, but cool.
27	1023·0	1024·3	74·1	74·0	78	72	0·5	0·4	6·1	6·1	89	91	Calm	0	Calm	0	10	10	—	3·5	71	⌴. Fair, but cool.
28	1023·3	1023·0	73·6	71·7	75	71	1·5	0·6	4·7	4·7	72	82	12	1	12	1	10	0	—	—	72	Dull and cold.
29	1025·3	1028·7	74·0	69·7	79	69	1·0	0·1	5·4	4·4	81	95	Calm	0	Calm	0	9	0	—	3·8	67	⌴. Dull a. Bright p.
30	1029·4	1025·3	65·2	74·1	79	n 65	0·0	0·8	3·4	5·8	100	84	Calm	0	Calm	0	0	10	—	4·5	n 63	Very cold and frosty.
31	1021·3	1016·5	68·5	71·0	80	68	0·2	0·2	4·1	5·1	92	95	Calm	0	Calm	0	2	9	—	3·0	66	⌴ n. Cool.
Mean	1010·5	1010·4	76·3	76·7	80·6	73·9	0·6	0·7	7·2	7·3	89	88	1·4		1·2		7·4	7·4	77·2	1·89	72·7	
Mean Barometer at Station Level.	1005·7	1005·6																				

* Metres per second. † Beaufort Scale (0—12).

DUBLIN (PHŒNIX PARK), a.—JANUARY 1912.

Heights above Mean Sea Level:—Station, H = 47·3 m.; Barometer, H_b = 48·5 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second). 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200+ °	
1	1029·1	1030·1	82·3	79·0	85	79	0·6	0·9	10·8	8·1	93	88	20	3	20	3	5	3	—	2·2	77	Fair, but cloudy.
2	1030·1	1025·7	80·1	81·3	82	78	0·9	1·3	8·8	9·1	89	84	20	3	21	5	10	10	—	—	73	Overcast.
3	1023·3	1019·6	81·6	83·1	84	81	0·3	0·6	10·8	11·5	96	93	22	4	23	4	10	10	2·0	—	80	Overcast.
4	1013·1	1003·3	82·7	80·4	84	80	0·5	0·6	11·2	9·5	93	92	22	3	24	3	10	7	7·8	—	81	●^{2} 17 h. 45 m.–19 h. 45 m.
5	1002·0	1002·3	75·3	75·1	81	75	0·6	0·8	6·4	6·1	90	87	23	5	22	3	10	7	8·4	2·8	73	Fair, but cloudy.
6	978·6	979·3	77·5	76·4	79	75	0·3	0·2	8·1	7·5	95	96	10	7	—	1	10●	10	21·8	—	73	●^{2} 2 h. 40 m.–20 h.
7	997·2	1014·2	76·7	70·2	77	70	1·5	0·3	6·1	4·4	79	87	4	6	—	1	10●	2	1·3	3·2	75	●^{2} 0 h.–8 h.
8	1004·0	986·4	77·3	82·0	84	69	0·5	0·9	7·8	10·2	92	89	12	6	20	7	10●	0	4·2	—	67	●^{0} 9 h.–16 h. ●^{2} 18 h. 40 m.–
9	990·1	1003·7	80·0	76·8	82	76	1·5	0·4	7·8	7·5	80	96	20	4	—	1	7	0	—	2·2	74	Cloudy. [18 h. 50 m.
10	1006·4	1005·0	82·0	83·1	84	72	1·3	1·8	9·5	9·8	84	79	12	4	14	7	10	10●	3·6	—	69	●^{0} at intervals *a.* and *p.*
11	1011·5	1016·5	80·6	79·0	84	74	1·4	1·3	8·5	7·8	82	84	19	5	18	3	4	0	—	6·1	77	Beautiful day.
12	1018·2	1012·8	80·8	82·3	83	77	1·0	1·6	9·1	9·5	87	81	19	5	16	10	8	8	2·5	—	73	Overcast.
13	1011·8	1008·4	80·7	83·6	x 86	80	0·6	0·7	9·8	11·5	93	92	20	3	15	5	3	3	0·5	2·9	76	Fair, but cloudy. [22 h.–24 h.
14	1004·7	1012·8	83·7	76·8	84	75	0·9	1·2	11·5	6·8	89	84	14	2	16	2	10	0	3·0	2·5	81	●^{2} 6 h. 15 m.–6 h. 45 m. and
15	1003·3	994·5	79·4	83·2	84	75	1·3	1·0	7·8	10·8	82	88	11	4	12	4	10	10●	6·5	—	71	Overcast. ●^{0} 17 h. 30 m.–21 h.
16	996·2	1003·0	81·3	80·4	84	80	0·6	1·3	10·2	8·5	93	83	11	2	13	2	10●	1	3·0	0·3	79	Dull.
17	1009·1	1014·2	80·2	77·0	82	77	0·4	0·8	9·5	7·1	95	88	10	2	9	2	10	10	—	—	73	●^{2} 4 h. 45 m.–8 h. Overcast.
18	1015·5	1013·5	76·0	75·3	77	75	1·4	0·5	6·1	6·4	79	91	7	4	—	1	10	10	1·0	—	74	●^{0} at intervals *a.* and *p.*
19	1015·5	1015·5	79·9	79·3	80	73	1·3	1·2	8·1	7·8	82	82	8	3	11	4	8	10	—	0·1	70	Overcast.
20	1012·5	1012·8	79·5	81·0	81	79	0·4	0·8	9·1	9·5	95	90	6	2	9	3	10	10●	3·0	—	77	Overcast. ● 12 h.–21 h.
21	1017·9	1016·5	74·3	72·4	81	71	0·2	0·2	6·4	5·4	97	94	—	0	—	0	1	10	—	1·4	70	Fine, but cloudy. ≡^{2} *n.*
22	1013·8	1010·8	74·9	77·1	79	71	0·2	1·4	6·8	6·4	96	80	—	1	1	3	10	10	1·5	1·7	70	Fine, but cloudy.
23	1008·8	1007·1	77·2	77·5	78	72	1·2	1·6	6·8	6·4	81	77	—	1	8	6	10	10	—	—	69	✱ 4 h. 20 m.–5 h. 15 m.
24	1004·0	1003·0	76·9	77·1	78	76	1·6	0·9	6·4	7·1	78	88	8	4	7	2	10	10	0·5	—	75	Overcast. ● showers *p.*
25	1006·0	1011·1	72·2	77·1	77	72	0·2	0·9	5·4	7·1	94	88	—	1	1	2	4	10	3·9	0·2	70	Fair, but cloudy. ● from 22 h.
26	1016·2	1019·9	75·8	74·1	78	74	1·3	0·6	6·1	5·8	81	87	4	4	—	1	3	10	0·4	2·5	73	●^{2} 3 h. 30 m.–6 h.
27	1023·3	1025·0	75·1	72·1	77	71	0·9	0·3	6·1	5·4	85	93	—	0	—	0	10	6	0·3	—	73	● till 6 h.
28	1024·0	1023·7	72·0	69·3	77	68	0·7	0·2	4·7	4·4	80	93	—	0	—	1	8	7	—	4·2	65	Fine and bright.
29	1026·7	1029·1	72·6	68·6	79	68	0·3	0·4	5·4	3·7	92	83	—	1	—	0	2	2	—	6·2	67	Beautiful day.
30	1029·1	1025·0	69·3	72·9	78	n 66	0·5	0·9	3·4	4·7	76	79	—	1	23	3	0	5	—	5·7	n 63	Beautiful day.
31	1020·6	1016·5	74·2	73·1	76	71	0·6	0·3	5·8	5·8	87	92	23	3	—	1	8	8	—	—	69	Overcast.
Mean	1011·7	1011·7	77·8	77·3	80·7	74·2	0·8	0·9	7·8	7·5	88	87	3·0		2·9		7·8	6·7	75·2	1·43	72·8	
Mean Barometer at Station Level.	1005·7	1005·6																				

LIMERICK (MUNGRET COLLEGE).—JANUARY 1912.

Heights above Mean Sea Level:—Station, H = 14·3 m.; Barometer, H_b = 15·2 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 52° 38′ N. Long. 8° 41′ W. *Time*, Dublin mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Press. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1029·4	1030·4	80·2	78·6	84	78	0·5	0·8	9·5	8·1	92	89	16	2	16	2	4	4	—	5·9	72	
2	1031·8	1027·0	82·8	80·8	83	77	0·4	0·7	11·5	9·5	94	91	16	1	16	3	8	10	—	—	73	
3	1025·0	1021·3	82·5	83·1	84	81	0·1	0·7	11·9	11·2	99	92	20	2	20	4	10●^{0}	10●	7·7	—	79	
4	1014·2	1006·4	83·3	81·0	84	81	0·0	0·4	12·5	10·2	100	95	20	2	24	3	10●^{0}	10	8·6	—	79	
5	1005·7	1003·3	76·8	76·7	81	75	0·8	0·6	7·1	7·1	89	92	24	2	16	2	4	10	12·8	2·4	72	Double ⌒ 11 h. 30 m. △ 16 h.
6	976·9	978·3	83·9	79·8	84	76	0·9	0·6	11·5	9·1	89	92	24	3	24	3	8	3●	6·1	—	75	
7	997·9	1011·8	76·5	73·6	81	72	0·5	0·6	7·1	5·8	93	89	32	4	8	3	9	3Ⓣ	5·4	4·5	68	
8	995·5	985·0	80·3	80·9	x 85	74	0·4	1·0	9·5	9·1	93	87	12	6	20	6	10●^{0}	10●^{0}	9·2	0·1	71	⌴. ⁄ in gusts.
9	991·1	1002·3	79·7	77·9	83	77	0·6	0·5	9·1	8·1	92	93	20	2	16	3	8●	1	1·9	4·0	72	⌒ 9 h. 20 m.
10	1000·3	1000·6	82·9	82·0	84	77	0·5	0·7	11·2	10·5	93	91	12	5	12	6	9●^{0}	10●^{0}	8·3	—	75	
11	1011·5	1016·2	80·9	78·4	82	77	0·7	0·6	9·8	8·1	92	93	16	2	12	4	5	6	0·7	4·8	73	
12	1016·9	1008·8	81·8	81·9	82	78	0·5	0·6	10·5	10·5	93	92	12	3	12	2	8	10●	2·3	—	76	
13	1009·1	1004·3	82·4	83·0	x 85	81	0·4	0·3	11·2	11·9	94	97	12	3	16	5	10	10	2·4	0·5	78	
14	1006·7	1009·8	80·9	77·4	84	77	0·4	0·5	10·2	7·8	96	92	20	2	16	2	9	0	—	4·1	74	
15	996·5	989·8	81·1	81·7	82	76	1·5	0·9	8·8	9·8	82	88	12	6	12	4	9	10	0·9	—	74	⁄
16	991·8	1000·6	81·4	79·9	84	79	1·0	0·4	9·5	9·5	88	96	12	2	12	4	6	4	—	4·8	76	
17	1006·7	1012·5	80·9	80·8	81	80	0·4	0·2	10·2	10·2	96	98	8	1	Calm	0	5	4	0·1	0·6	73	⌴
18	1014·8	1011·8	77·0	74·2	81	74	0·5	0·2	7·5	6·4	93	95	8	1	8	2	10	0	—	2·2	71	⌴
19	1010·1	1010·1	80·8	80·3	82	74	0·7	0·5	9·5	9·5	92	93	12	4	8	5	5	1	—	1·6	72	
20	1009·1	1006·7	79·9	79·3	82	79	0·3	0·3	9·5	9·1	95	95	8	3	8	2	10●^{0}	0	0·9	0·4	76	
21	1015·5	1015·5	76·9	74·9	80	75	0·5	0·0	7·5	7·1	94	100	8	2	4	1	5	0	—	0·3	72	⌴
22	1012·5	1010·1	73·7	75·9	79	73	0·0	0·4	6·4	7·1	99	94	32	1	4	3	4	6	—	4·1	69	⌴
23	1008·1	1005·0	76·2	77·4	77	71	0·9	0·9	6·4	7·1	86	86	32	1	4	4	5	10	—	1·0	67	✱^{0} 11 h. ⌴
24	1001·0	999·9	77·0	76·8	78	77	0·8	0·5	7·1	7·5	88	93	4	2	4	2	10	10	—	—	76	
25	1005·7	1007·7	75·7	75·2	77	74	0·5	0·4	6·	6·8	93	93	32	1	Calm	0	9	9	—	1·2	68	
26	1015·5	1016·9	75·2	71·9	78	72	0·4	0·6	6·8	4·7	92	83	32	2	Calm	0	8	8	—	1·2	67	
27	1023·0	1022·0	73·7	70·3	77	70	0·5	0·6	5·8	3·7	90	78	4	1	Calm	0	10	0	—	2·5	65	⌴
28	1022·6	1020·3	74·1	75·5	77	70	1·0	1·1	5·4	6·1	80	83	8	1	12	3	10	10	—	—	65	
29	1024·7	1025·7	73·1	72·0	79	71	0·6	0·5	5·4	5·1	86	87	4	2	4	1	10	3	—	2·1	67	⌴
30	1029·4	1027·0	67·5	71·2	80	67	0·3	0·3	3·1	4·7	80	89	4	1	Calm	0	6	4≡^{3}	—	5·0	65	⌴
31	1020·9	1018·9	72·5	70·6	79	n 66	0·4	0·7	5·4	3·7	88	75	4	1	Calm	0	9	0	—	5·4	n 64	⌴
Mean	1010·3	1009·9	78·5	77·5	81·3	75·1	0·6	0·5	8·5	7·9	81	81	2·3		2·5		7·8	5·7	67·3	1·89	71·7	
Mean Barometer at Station Level.	1008·4	1008·0																				

* Metres per second. † Beaufort Scale (0—12).

METEOROLOGICAL OFFICE, LONDON, *6th May* 1912.

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1912.

DEERNESS, ORKNEY, a.b.—FEBRUARY 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 49·7 m. Heights above Ground:—Therms., h_t = 1·2 m.; Rain-gauge, h_r = 0·3 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	°	
1	1004·3	1002·3	71·7	70·0	74	70	0·6	0·5	4·7	3·7	83	79	31	15	7	14	9✱	6✱	1·3	2·6	—	⊠✱▲ showers. ⊹ *p.*
2	1005·7	1002·7	70·1	71·1	72	69	0·2	0·4	4·4	4·7	92	88	28	7	8	9	2	7✱	3·8	1·9	—	⊠✱▲⊹ all day.
3	1005·0	1005·0	70·6	69·5	73	69	0·6	0·6	4·1	3·7	80	76	1	4	30	4	10✱	1	5·6	0·8	—	⊠. ✱ *a.* and *p.*
4	1004·7	1002·3	70·3	70·1	72	69	0·5	0·4	4·1	4·1	80	83	25	2	22	4	1	0	—	5·3	—	⊠. Bright.
5	999·6	993·8	68·8	71·7	74	n 67	0·6	0·6	3·4	4·7	75	83	20	3	13	10	0	8	—	2·0	—	⊠. Bright *a.* ✱⊹ *p.*
6	989·1	986·7	75·0	76·1	76	71	1·2	0·3	5·8	7·1	80	95	14	13	14	13	10	10	4·1	—	—	⊠⊹ 4 ft. deep.
7	980·0	980·0	77·3	78·5	79	71	0·1	0·1	8·1	8·8	99	99	16	7	14	15	9	10●^{0}	0·8	0·5	—	Overcast. ●^{0} from 17 h.
8	984·4	981·3	78·5	79·1	80	79	0·0	0·2	9·1	9·1	100	97	15	9	11	13	4	10	1·4	—	—	Mild *a.* Overcast *p.* [then ●.
9	984·4	984·7	79·3	79·3	80	79	0·3	0·0	9·1	9·5	96	100	15	8	13	8	3	10●	5·3	1·5	—	Damp *a.* ≡^{0} 11 h.–20 h.
10	987·4	993·8	79·2	78·9	80	79	0·0	0·0	9·5	9·1	100	100	13	8	—	1	10	10●≡	1·5	0·1	—	● all *n.* ≡^{2} from 11 *a.*
11	998·9	1004·3	78·7	77·3	80	77	0·1	0·5	9·1	7·8	98	93	—	1	15	5	10≡^{2}	10	—	—	—	≡^{2} *n.* till 18 h.
12	1008·4	1011·5	77·9	77·1	79	76	0·3	0·6	8·1	7·5	95	92	11	3	10	6	10	10	1·4	—	—	Dull. Drizzling ● *p.*
13	1013·5	1014·5	77·2	77·9	79	77	0·2	0·7	8·1	7·8	97	90	12	5	13	6	10	10	—	—	—	Damp *a.* Dull day.
14	1015·9	1016·2	78·5	77·4	79	77	0·3	0·3	8·8	7·8	96	95	15	5	16	6	9	0	—	0·4	—	Dull *a.* ⊕ 15 h.–17 h.
15	1013·1	1006·7	77·4	77·9	79	77	0·5	0·1	7·8	8·5	92	99	15	10	16	10	6	10	2·0	0·8	—	Cloudy. ●^{0} from 6 *p.*
16	1012·8	1006·4	77·5	79·3	80	76	0·4	0·4	7·8	8·8	94	94	19	3	14	12	7	10●^{0}	—	1·3	—	Damp *a.* Dull *p.*
17	1004·3	1006·0	79·5	78·2	81	78	1·1	0·9	8·1	7·8	84	88	17	9	18	7	2	0	—	6·2	—	Very fine day.
18	1008·4	1011·1	78·4	77·9	80	77	1·2	0·5	7·5	8·1	85	93	19	7	—	1	1	10	4·1	3·2	—	Bright *a.* Very fine *p.* ⌐
19	1001·6	993·5	76·8	78·4	79	76	0·3	0·0	7·8	8·8	97	100	6	11	6	4	10●	10●	11·9	—	—	● all day. ●^{0} from 18 h.
20	995·2	1001·0	78·4	78·8	79	78	0·4	0·2	8·5	8·8	95	97	13	2	6	3	10●	10	4·8	—	—	●^{0} till 17 h.
21	1007·1	1009·4	78·4	78·5	80	79	0·2	0·3	8·8	8·8	97	97	—	1	15	9	10	7	—	—	—	Dull and breezy.
22	1007·7	998·2	78·9	79·5	80	78	0·4	0·0	8·8	9·5	93	100	15	8	14	11	7	10●^{2}	5·1	—	—	∞ *a.* ≡^{2} after 15 h. ● from 18 h.
23	995·2	995·2	80·0	78·4	81	79	0·1	0·6	9·8	8·1	98	93	16	5	26	15	5	10	6·1	1·9	—	Rough sea *a.* ● 15 h.–18 h.
24	1004·3	1005·4	77·9	77·4	80	77	0·6	0·6	7·8	7·5	92	91	23	9	21	3	4	6	0·8	4·2	—	● showers all *n.* Fine day.
25	1003·3	997·2	77·6	79·1	80	76	0·4	0·7	8·1	8·5	94	91	18	6	19	10	9	10	8·9	0·8	—	Cloudy.
26	996·5	990·8	79·3	79·7	80	79	0·3	1·2	9·1	8·1	95	83	19	7	20	8	10●^{0}	4	3·2	—	—	● all *n.* ●^{0} *a.*, till 16 h.
27	991·8	1004·7	79·7	77·3	80	77	0·8	0·4	8·8	7·8	89	94	20	5	—	1	7	10●	3·3	2·5	—	Fine. ●^{0} 17 h.–21 h.
28	1005·4	997·6	78·4	80·6	81	77	0·4	0·5	8·5	9·8	95	94	14	10	17	8	10●	10	5·1	—	—	● 8 h.–13 h., then overcast.
29	985·7	992·8	81·1	79·3	x 82	79	1·1	0·8	9·1	8·5	86	88	17	9	18	10	1	8	—	5·8	—	Very fine.
Mean	1000·5	999·8	77·0	77·1	78·7	75·7	0·5	0·4	7·7	7·7	92	92	6·6		7·8		6·8	7·8	80·5	1·44	—	
Mean Barometer at Station Level.	994·4	993·8																				

ABERDEEN, a.e.—FEBRUARY 1912.

Heights above Mean Sea Level:—Station, H = 14·0 m.; Barometer, H_b = 26·8 m. Heights above Ground:—Therms., h_t = 12·5 m.; Rain-gauge, h_r = 0·6 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Press. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 10 h.	Cloud 22 h.	Rain 10 h.	Sunshine	Min. Temp. on Grass	Remarks
1	1004·4	999·8	71·1	69·2	74	68	1·1	0·3	3·7	4·1	67	85	27	5	27	6	2	5	3·3	3·3	—	✱. ⊠ 4½″. Squally.
2	1006·4	1000·6	67·0	69·6	74	67	1·7	0·2	1·4	4·4	34	93	26	4	26	6	*1*	2	5·3	6·6	—	Squally *a.* ✱⊹. ⊠ 4″.
3	1004·7	1007·5	70·7	69·9	72	68	2·3	1·4	2·0	2·4	38	52	32	3	20	3	5	4	—	1·6	—	⊠ 6½″. Cloudy.
4	1007·1	1004·8	66·4	65·8	71	n 62	1·0	0·8	2·0	2·0	54	56	—	2	—	1	1	0	—	7·4	—	⊠ 5½″. Cloudless day.
5	999·0	994·2	72·9	73·5	74	n 62	2·7	2·3	3·1	3·7	47	59	12	8	13	7	7	10	0·3	—	—	⊠ 4½″. Clear *a.* ✱^{0} showers.
6	990·3	987·5	75·1	76·3	77	74	2·0	0·7	5·1	6·8	69	88	13	6	13	6	9	10●	5·8	—	—	⊠ 4″. Cloudy. ●^{0} *p.*
7	984·4	984·3	76·5	78·7	79	76	0·5	0·8	7·1	8·1	92	90	—	2	14	6	8	10●	6·1	—	—	● *a.* and *n.* ≡^{0} all day.
8	987·4	980·3	78·7	79·1	80	78	0·5	0·3	8·5	9·1	94	96	—	2	12	4	10	10●	6·4	—	—	● *a.* and *n.* ≡^{0} all day.
9	985·8	985·4	79·4	79·7	80	79	0·4	0·2	9·1	9·5	94	97	12	2	14	3	10	*10*	5·8	—	—	Dull, with ≡^{0} *a.* and *p.* ● *n.*
10	988·1	994·7	79·3	79·7	80	79	0·2	0·8	9·1	8·8	98	89	—	2	—	1	*10*	10	1·0	—	—	● *a.* ≡^{0} all day. ●^{0} after 17 h.
11	999·9	1004·1	75·6	77·4	80	75	0·6	0·5	6·8	7·8	91	92	—	1	2	2	*10*≡^{1}	8	0·8	—	—	Clear early. ≡^{0} most of day.
12	1007·9	1009·9	78·3	77·7	78	77	1·1	0·6	7·5	7·8	86	91	9	3	7	6	10	10	1·3	0·3	—	●^{0} showers all day.
13	1012·3	1014·3	77·9	78·3	79	78	0·7	0·3	7·8	8·5	91	96	7	4	11	2	10●	10●^{0}	1·3	—	—	●^{0} showers all day. ≡^{0} *n.*
14	1017·7	1018·7	78·2	78·4	79	78	0·4	0·6	8·5	8·1	95	92	16	2	15	4	10	8	—	—	—	Drizzling ●≡^{0}.
15	1016·3	1010·8	77·9	78·5	79	78	1·1	0·6	7·5	8·5	85	93	14	4	15	4	10	10	1·0	—	—	Cloudy. ●^{0} showers *n.*
16	1015·7	1010·5	76·8	79·8	80	75	0·7	0·5	7·1	9·1	90	93	—	1	14	4	*10*∞	10∞	—	0·2	—	∞. Cloudy.
17	1010·4	1010·0	79·6	80·9	83	80	1·2	1·8	8·1	8·1	84	78	18	3	16	3	4	8	—	3·6	—	Fair.
18	1012·3	1011·0	76·7	78·1	81	76	1·1	0·7	6·8	7·8	85	90	—	1	3	2	8	10●	11·7	—	—	Dull. ● after 20 h.
19	996·9	994·3	78·5	77·7	81	78	0·2	0·5	8·8	7·8	98	93	11	6	25	2	10●	10	11·2	2·1	—	● till 12 h., and from 23 h. [≡^{0}.
20	995·0	1001·4	77·5	79·1	80	77	0·3	0·7	8·1	8·5	94	89	27	5	26	6	10●	10	2·5	—	—	● till 16 h.
21	1008·3	1011·9	78·8	78·8	80	78	1·5	0·7	8·1	8·5	88	91	—	1	14	4	?9∞	9	—	0·4	—	∞ till noon. Cloudy.
22	1010·3	1001·0	79·2	81·1	83	78	0·5	0·2	8·8	10·5	92	97	14	3	18	3	*10*≡	10	2·0	—	—	≡^{0} till 16 h., then ●^{0}≡^{0} till
23	997·6	1002·1	81·7	79·5	83	78	0·9	2·3	9·8	6·8	89	71	15	5	23	5	8	4	3·3	0·5	—	Cloudy. ● 14 h.–17 h. [19 h.
24	1008·6	1007·8	77·5	78·1	82	77	1·6	1·9	6·4	6·4	77	76	19	2	20	3	1	8	—	6·6	—	Bright. Ⓣ 21 h.
25	1006·7	1003·4	76·3	79·7	80	75	1·3	1·5	6·1	7·8	80	80	—	2	17	3	2	9	—	3·3	—	⌴. Bright *a.*, then cloudy.
26	1001·4	996·8	79·8	81·1	82	80	1·7	1·8	7·8	8·1	77	77	19	7	20	6	10	5	—	—	—	Dull and squally till 17 h.
27	997·4	1005·6	80·4	79·0	83	79	1·6	0·9	8·1	8·1	79	88	17	4	—	2	6	10●	6·6	2·2	—	⊕ ⦶. Dull. ● *n.*
28	1008·8	1002·8	80·1	81·5	83	78	0·4	1·2	9·5	9·5	94	85	14	3	14	4	10●	8	0·3	—	—	● *a.* ≡^{0} till 13 h. Gloomy.
29	991·5	998·8	81·2	80·3	x 84	80	1·1	1·4	9·1	8·1	85	81	15	6	—	2	6	4	—	7·0	—	Bright. Ⓤ 18 h.
Mean	1002·5	1001·9	76·8	77·4	79·3	75·4	1·0	0·9	7·0	7·4	81	85	3·4		3·8		7·5	8·0	76·0	1·56	—	
Mean Barometer at Station Level.	999·1	998·4																				

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; e. "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. * Metres per second.

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FORT WILLIAM, INVERNESS-SHIRE, a.—FEBRUARY 1912.

Heights above Mean Sea Level:—Station, H = 52·1 m.; Barometer, H_b = 11·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8 = E, 16 = S) and Force (0—12) *or Velocity (metres per second.)* 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†	†	Tenths of Sky covered.		mm.	hr.	°	
1	1007·7	1005·0	72·9	68·7	75	69	1·7	1·0	4·1	2·7	65	60	8 3	12 1	6	1	—	—	—	Clear and sunny.
2	1009·1	1003·3	67·4	70·0	72	67	0·6	0·5	2·7	4·1	69	81	Calm 0	Calm 0	3	5	—	—	—	Clear and sunny.
3	1006·0	1008·8	67·3	65·6	72	n 65	0·4	0·4	3·1	2·7	77	78	8 1	Calm 0	0	0	—	—	—	Clear and sunny.
4	1007·7	1003·7	66·3	66·9	72	n 65	0·5	0·2	2·7	3·4	72	90	Calm 0	Calm 0	0	0	—	—	—	Clear and sunny.
5	996·5	990·8	70·0	72·4	72	n 65	1·4	1·1	2·4	4·4	52	72	20 1	4 2	6	10	—	—	—	Cloudy and chilly.
6	985·0	982·7	75·7	77·1	77	71	2·7	1·5	4·7	6·4	61	79	4 2	24 1	9	10	2·5	—	—	✲^{0} showers.
7	982·3	977·9	77·4	80·8	81	77	1·4	0·7	6·4	9·5	78	91	20 2	20 5	10	10●	11·9	—	—	Cloudy, with ●.
8	981·7	977·3	80·2	80·3	84	79	1·2	1·7	8·5	7·8	83	77	Calm 0	8 4	9	10●^{0}	0·8	—	—	Cloudy.
9	980·3	982·0	82·9	80·9	x 85	78	2·7	1·3	8·5	8·8	69	84	16 2	Calm 0	6	10	0·3	—	—	Cloudy, ∞. ●^{0} at times.
10	986·4	994·5	78·7	76·2	81	75	0·6	0·5	8·5	7·1	92	93	20 1	Calm 0	10●^{0}	0	1·8	—	—	Dull and muggy.
11	998·2	1002·0	73·0	75·2	81	71	0·1	1·3	6·1	5·8	97	78	Calm 0	Calm 0	1	0	—	—	—	Fine and sunny.
12	1006·0	1008·8	76·8	75·7	82	73	1·5	1·5	6·4	5·8	80	77	Calm 0	Calm 0	9	2	—	—	—	Fine and sunny.
13	1011·8	1012·8	73·0	75·8	79	72	0·6	1·0	5·4	6·4	87	85	Calm 0	20 2	2	3	—	—	—	Clear.
14	1015·5	1016·2	77·6	75·1	82	74	1·7	1·0	6·4	6·1	75	84	Calm 0	Calm 0	8	0	—	—	—	
15	1010·8	1009·4	79·3	78·0	81	73	2·5	0·8	6·4	7·8	68	89	8 3	24 1	10●^{0}	10	3·8	—	—	Dull, with ● showers.
16	1013·8	1005·4	76·3	83·5	84	76	0·5	2·8	7·1	8·5	91	68	Calm 0	20 6	8	7	2·5	—	—	Dull, with ● showers.
17	1008·1	1009·8	80·3	79·7	84	79	1·2	0·7	8·5	8·8	84	90	20 4	20 2	10●	9	6·9	—	—	Dull, with ● showers.
18	1011·5	1008·8	78·1	77·4	81	77	0·7	1·1	7·8	7·1	91	84	20 2	4 4	10≡	10●	17·0	—	—	≡ *a.* ● *n.*
19	996·5	994·2	74·7	76·8	78	74	0·6	0·8	6·1	7·1	90	88	4 4	4 2	10✲^{0}	10	0·3	—	—	[✲] almost to sea level.
20	997·9	1004·0	77·1	77·5	81	75	0·8	1·2	7·1	7·1	89	83	Calm 0	32 2	8	1	—	—	—	Fine and sunny.
21	1007·7	1008·4	72·0	78·6	81	71	0·5	2·1	5·1	6·8	87	74	Calm 0	6 3	3	10∞	—	—	—	Fine and sunny.
22	1004·7	998·2	83·0	82·4	x 85	77	2·5	0·5	8·8	10·8	71	93	16 4	32 2	9	10	7·9	—	—	Dull. ● *p.*
23	992·2	1005·4	83·0	78·8	84	78	1·2	1·7	10·5	7·1	85	77	20 3	20 3	10≡^{0}	3	7·9	—	—	≡^{0}. ● showers.
24	1008·4	1007·4	78·6	78·0	81	77	0·8	1·3	8·1	7·1	89	82	20 2	20 2	10≡	7	—	—	—	≡ early. Sunny afternoon.
25	1006·0	1003·7	77·4	80·1	80	75	1·1	0·6	7·1	9·1	84	93	20 2	20 4	10≡	10●	4·3	—	—	≡. Dull. ●≡^{0} *p.*
26	999·9	997·9	79·0	80·7	81	79	0·9	1·0	8·1	9·1	88	87	20 4	20 5	10≡^{0}●^{0}	9	18·0	—	—	≡^{0}. Dull. ●^{2} at times.
27	1001·6	1004·3	80·3	77·6	81	76	2·4	0·2	7·1	8·1	70	96	22 6	Calm 0	6●	10≡^{0}●	25·1	—	—	≡^{0}●
28	1005·7	997·6	82·0	83·0	84	77	0·2	2·2	11·2	9·1	98	74	20 5	20 5	10≡^{0}●	9	9·4	—	—	● showers. Squally at times.
29	989·5	997·2	80·9	79·6	x 85	79	1·2	1·0	8·8	8·5	85	86	20 7	22 7	10≡^{0}●^{0}	10●	4·6	—	—	≡^{0}. ● showers.
Mean	1001·0	1000·6	76·6	77·0	80·3	74·0	1·2	1·1	6·6	6·9	80	83	2·0	2·2	7·3	6·4	125·0	—	—	
Mean Barometer at Station Level.	999·6	999·2																		

DUNDEE, FORFARSHIRE, c.d.—FEBRUARY 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 50 m. Heights above Ground:—Therms., h_t = 1·16 m.; Rain-gauge, h_r = 0·3 m. Lat. 56° 28′ N. Long. 2° 56′ W. *Time*, Greenwich mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Press. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. †	Wind 21 h. †	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks.
1	1006·4	1001·6	72·2	69·1	74	69	0·3	0·1	5·4	4·4	92	94	28 1	28 1	5	0	0·3	—	—	✲^{0} 14 h. 30 m.–16 h.
2	1006·4	1001·6	68·5	70·0	74	67	0·2	0·2	4·1	4·4	92	92	32 1	32 1	5	5	—	—	—	Fine.
3	1004·7	1007·4	68·8	70·2	74	68	0·0	0·0	4·4	5·1	97	100	32 1	28 1	5	10	—	—	—	Dull from 18 h. 30 m.
4	1008·1	1005·0	65·4	66·9	74	n 64	0·2	0·1	3·1	3·7	87	93	20 1	28 1	0	0	0·5	—	—	Fine.
5	998·6	992·8	68·3	72·7	73	65	0·0	0·0	4·4	6·1	100	100	12 1	12 1	10	10✲^{0}	1·0	—	—	✲^{0} *n.* and 10 h.–18 h.
6	989·5	986·7	74·4	75·3	76	72	0·8	0·1	5·8	7·1	84	98	12 3	12 3	10	10	6·4	—	—	✲● (sleet) from 15 h.
7	985·7	984·4	75·8	77·5	77	75	0·3	0·7	7·1	7·5	96	90	16 3	12 2	5	10	4·6	—	—	● 13 h.–20 h.
8	985·4	979·0	77·2	77·4	79	76	0·1	0·0	8·1	8·5	98	100	4 1	8 3	10	10	4·1	—	—	● from 14 h.
9	984·4	983·7	78·0	78·1	79	76	0·1	0·1	8·5	8·8	98	98	8 1	8 1	10	10	3·0	—	—	≡^{0} from 10 h. ● from 14 h.
10	987·4	994·5	77·5	76·2	79	76	0·0	0·1	8·5	7·5	100	99	32 1	20 1	10≡	10	1·3	—	—	≡ till 12 h. Dull from 14 h.
11	999·9	1003·0	72·2	76·8	77	71	0·0	0·1	5·8	7·8	100	98	12 1	4 3	10	10	—	—	—	● *n.* Dull and cloudy.
12	1007·1	1008·8	76·7	76·2	79	75	0·2	0·2	7·8	7·5	98	97	4 3	4 1	10	10	0·3	—	—	Dull and cloudy. ≡^{0}.
13	1010·8	1014·2	76·9	77·4	78	76	0·1	0·1	7·8	8·1	98	98	4 3	4 1	10	10	0·3	—	—	Dull and cloudy.
14	1018·6	1018·9	77·0	76·8	79	76	0·0	0·2	8·1	7·8	100	98	8 1	8 1	10	10	—	—	—	Dull and cloudy.
15	1016·9	1011·5	75·0	76·9	77	74	0·2	0·1	6·8	8·1	97	99	12 1	12 1	10	10	4·3	—	—	Dull. ● 13 h.–19 h.
16	1016·5	1010·1	76·6	79·3	80	73	0·3	0·2	7·5	9·1	96	98	24 1	8 1	10	10	0·5	—	—	≡^{0}●^{0} 15 h.–16 h.
17	1011·8	1010·4	79·2	79·2	82	79	0·6	0·5	8·5	8·8	90	92	20 3	24 1	5	10	—	—	—	Fine till 15 h., then dull.
18	1012·8	1009·1	76·3	77·3	80	75	0·1	2·3	7·5	5·8	98	68	24 1	8 3	10≡^{0}	10	6·6	—	—	≡^{0}. ● from 17 h. 30 m.
19	997·2	993·8	78·0	79·1	80	76	0·0	0·2	8·8	9·1	100	96	8 1	8 1	10●	10	8·9	—	—	≡^{0}● till 9 h. Dull.
20	995·2	1002·7	77·4	78·0	81	77	0·1	0·6	8·1	7·8	98	91	28 1	28 3	10	0	—	—	—	● till 8 h. Fine from 13 h.
21	1008·8	1011·5	75·9	77·0	81	75	0·2	0·1	7·5	8·1	97	98	24 1	4 1	10≡^{0}	10	—	—	—	≡^{0} till 11 h. Fine till 15 h. [Dull
22	1009·4	1002·3	78·0	82·2	82	76	0·0	0·3	8·8	11·2	100	96	12 1	12 1	10	10≡^{0}	5·8	—	—	● ≡^{0} 13 h.–18 h. 30 m.
23	997·6	1004·7	82·0	78·1	82	78	0·7	0·3	10·5	8·5	92	96	20 3	20 5	10	5	—	—	—	Dull till 12 h., then fine.
24	1010·1	1008·8	76·4	76·6	81	75	0·3	0·5	7·5	7·1	95	92	16 1	20 1	5	10	—	—	—	Dull from 16 h.
25	1007·7	1005·4	76·2	79·6	80	75	0·2	1·0	7·5	8·5	97	86	16 1	20 3	10	10	—	—	—	Dull till 12 h., and from 15 h.
26	1003·3	1000·3	79·1	80·8	82	79	1·0	0·6	8·1	9·8	86	92	20 3	24 3	10	10	0·8	—	—	Dull. ● 14 h.–15 h. ● from 17 h. […
27	999·3	1005·7	80·5	78·9	83	78	0·8	0·3	9·1	8·8	89	96	20 5	20 1	5	10●	4·1	—	—	Fine till 16 h. Dull.
28	1009·4	1002·0	81·9	82·6	83	79	1·3	1·0	10·8	10·5	97	88	20 5	20 4	10●	10	0·5	—	—	● till 9 h. 30 m. Dull.
29	992·8	1000·3	81·8	80·1	x 84	80	1·0	0·4	9·8	9·5	87	94	20 5	20 5	10	10	0·8	—	—	Fine 10 h.–15 h.
Mean	1002·8	1002·1	76·0	76·8	79·0	74·2	0·3	0·4	7·4	7·7	95	94	1·9	1·9	8·4	8·6	54·1	—	—	
Mean Barometer at Station Level.	996·7	996·0																		

† Beaufort Scale (0—12).

GLASGOW, LANARKSHIRE, a.—FEBRUARY 1912.

Heights above Mean Sea Level:—Station, H = 54 9 m.; Barometer, H_b = 56·1 m. Heights above Ground:—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 55° 53′ N. Long. 4° 18′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8 = E, 16 = S) and Force (0—12) *or Velocity (metres per second.)* 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	*	*	Tenths of Sky covered.		mm.	hr.	200 + °	
1	1006·7	1003·7	73·4	70·2	75	70	1·1	0·0	4·7	5·1	77	100	29 2	32 2	4	0	—	5·4	70	⌣ *a.* Fine.
2	1006·0	1002·0	70·3	70·0	73	70	0·0	0·0	5·1	4·7	100	100	1 6	— 2	1	4∞	—	6·2	67	Fine and bright.
3	1005·0	1008·1	69·6	68·9	73	69	0·8	0·4	3·1	3·7	66	84	1 3	— 0	4∞	9	—	6·3	65	Fine, with ∞ *a.* Misty *p.* ⌣
4	1008·1	1003·7	65·1	67·5	71	n 64	0·3	0·1	2·7	4·1	84	97	— 0	10 2	7∞	6∞	—	0·1	n 61	⌣. Dull, with ∞.
5	996·5	990·5	67·3	70·5	71	66	0·8	0·2	2·4	4·7	60	92	7 4	6 5	7	8	—	—	65	⌣. Cloudy.
6	986·1	983·0	73·4	74·6	75	70	0·0	0·4	6·4	6·4	100	93	6 5	6 5	10✲	10	10·5	—	69	✲ 9 h.–14 h. [✲] 1¼ deep 13 h.
7	985·0	980·6	76·4	79·6	80	75	0·8	0·7	6·8	8·8	88	90	18 5	16 7	10	10	6·4	—	74	Overcast, with ●.
8	982·3	977·3	78·9	77·9	81	78	0·4	0·2	8·8	8·5	93	97	7 3	7 3	10	10	5·7	—	77	● *a*, and from 18 h. 30 m.
9	980·6	982·3	80·8	81·5	84	78	1·1	0·9	9·1	9·5	86	87	9 6	10 2	7	10	0·5	0·4	77	Cloudy.
10	987·1	995·5	79·8	77·0	82	77	0·7	0·5	8·8	7·5	90	93	14 2	— 1	6	8	1·5	0·2	77	● noon. Cloudy.
11	997·9	1001·0	75·2	77·2	77	72	0·5	0·5	6·4	7·8	91	93	6 4	5 6	9	10	—	1·7	70	Cloudy.
12	1005·4	1007·4	77·4	76·8	79	77	0·5	0·5	7·8	7·5	92	93	6 4	8 3	7	9	—	—	76	Bright *a*, then overcast.
13	1010·4	1012·8	77·7	77·7	79	77	0·7	0·2	7·5	8·1	89	97	3 2	8 3	10	10	—	—	76	Dull and overcast.
14	1016·9	1018·2	77·3	77·2	80	76	1·0	0·9	7·1	7·1	86	87	— 2	— 2	6	6	0·3	0·2	74	Dull, with ∞ *a*, then overcast.
15	1013·8	1011·8	77·4	77·9	80	76	1·4	0·4	6·8	8·1	80	95	10 4	— 1	10●^{0}	6	12·0	—	74	● 10 h.–19 h. 30 m.
16	1015·5	1008·8	77·4	82·9	83	76	0·3	1·1	7·8	10·5	95	87	— 2	17 8	9	6	—	—	75	Dull and overcast.
17	1011·5	1011·1	80·3	79·5	84	80	1·2	0·6	8·5	8·8	84	90	18 4	— 1	6	10	—	1·9	79	Bright *a.* Dull *p.* [30 m.
18	1012·5	1005·4	77·4	77·2	80	76	0·1	0·3	8·1	7·8	99	95	— 1	5 6	10	10●	15·8	—	75	∞ *a.* Dull. ● 17 h.–22 h.
19	994·9	991·8	77·9	79·3	81	77	0·3	0·2	8·1	9·1	95	98	7 3	— 1	10	10	5·4	0·2	76	Dull, with ∞. ● from 19 h.
20	996·5	1003·7	77·9	77·5	81	77	1·4	1·2	7·1	6·8	81	82	— 2	23 2	3	0	—	7·9	75	∞. Fine.
21	1008·4	1009·8	74·0	79·1	80	74	0·2	1·3	6·1	7·8	94	82	— 1	11 2	8∞	10	—	0·7	71	⌣∞ *a.* Cloudy.
22	1006·4	1001·0	81·8	83·6	84	79	1·0	0·7	9·8	11·5	87	92	8 4	18 6	10	10	3·6	—	78	● 14 h.–17 h. and 20 h.–23 h.
23	994·2	1006·4	83·1	78·4	84	79	1·2	1·1	10·5	7·8	85	86	17 10	23 5	10	3	2·2	1·7	82	● showers *a.* ●^{2} 15 h.
24	1010·4	1008·4	77·4	78·0	81	76	0·5	1·3	7·8	7·1	93	82	21 2	— 1	8	10	1·7	4·0	74	Bright *a.* Cloudy *p.*
25	1007·1	1006·4	76·2	80·6	81	75	0·4	1·5	7·1	8·5	93	81	— 1	20 4	10	10	—	2·3	75	● *a.* Dull and overcast.
26	1002·3	1001·3	80·4	81·2	83	79	1·3	1·2	8·5	9·1	83	84	19 6	20 7	10	7	1·6	0·1	78	Dull, with ●.
27	1004·7	1007·1	81·2	81·6	82	79	2·5	0·4	7·5	10·5	69	95	23 9	20 8	8	10●^{0}	13·6	0·1	78	● showers.
28	1008·4	1001·0	82·8	84·0	84	81	1·0	2·0	10·5	10·2	88	77	18 6	15 4	10●^{0}	10	3·1	—	80	● *a.* Dull and overcast.
29	993·5	1000·3	81·7	80·7	x 85	81	1·4	1·6	9·1	8·5	82	80	19 8	19 7	9	6	0·3	3·8	80	Cloudy, with ●.
Mean	1001·9	1001·4	76·9	77·5	79·7	75·3	0·8	0·7	7·3	7·8	87	90	3·8	3·7	7·9	7·9	84·2	1·49	74·1	
Mean Barometer at Station Level.	995·0	994·5																		

COCKLE PARK (NEAR MORPETH), NORTHUMBERLAND.—FEBRUARY 1912.

Heights above Mean Sea Level:—Station, H = 98·7 m.; Barometer, H_b = 100·8 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 55° 13′ N. Long. 1° 41′ W. *Time*, Local mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Press. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. †	Wind 21 h. †	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks.
1	1004·7	1000·3	73·0	68·9	74	69	1·1	0·8	4·7	3·1	75	65	30 4	28 5	4	2	0·8	6·4	69	Fine. ✲ showers 17 h.
2	1002·0	1001·0	69·5	69·1	72	67	1·4	1·0	2·4	2·7	51	61	4 6	28 6	9✲	8	4·3	5·8	67	✲ to 10 h., then sunny.
3	1001·6	1007·1	69·8	65·8	72	66	1·1	0·6	2·7	2·4	59	68	32 2	32 1	9	2	0·3	3·2	64	✲ showers.
4	1008·4	1004·3	68·2	65·6	71	n 64	0·7	0·8	2·7	2·0	67	60	24 1	28 1	2	5	—	4·2	n 63	Fine to 14 h., then cloudy.
5	997·9	992·5	69·6	72·6	72	65	0·2	0·4	4·4	5·4	93	90	12 2	12 3	10	8	0·3	1·1	65	✲ showers *a.* Cloudy.
6	989·1	986·7	74·1	74·6	75	72	0·5	0·4	6·1	6·4	90	94	12 4	12 4	10	10	5·3	—	70	Overcast. ✲● (sleet) 16 h.
7	988·4	987·1	76·1	77·0	77	74	0·9	0·6	6·8	7·5	87	92	12 2	16 5	6	10	0·5	0·8	70	Cloudy.
8	986·4	982·0	76·7	78·5	79	75	0·2	0·2	7·8	8·8	98	98	Calm 0	16 5	10	7	3·0	—	72	≡ most of day.
9	984·7	986·4	77·6	79·1	80	76	0·1	0·1	8·5	9·1	99	99	12 2	12 2	9	10	1·3	—	74	Overcast. ● shower 13 h.
10	989·1	997·6	78·2	74·6	82	75	0·4	0·6	8·5	6·1	95	91	20 2	12 1	8	1	0·3	2·7	75	Cloudy *a.* Clear *p.* ⌣ *n.*
11	998·2	1001·3	77·3	77·6	79	73	0·0	0·1	8·1	8·5	100	99	8 3	8 2	10	10●	8·4	—	69	Overcast. ● shower 16 h.
12	1004·7	1006·7	77·0	77·1	78	76	0·3	0·1	7·8	8·1	96	99	8 2	8 3	10	10●	8·4	—	75	Overcast, with ● showers.
13	1007·7	1013·8	78·2	76·8	79	77	0·1	0·0	8·8	8·1	99	100	4 2	8 1	10●^{0}	10≡	1·0	—	76	Overcast, with ● showers.
14	1018·2	1020·3	76·9	76·9	79	76	0·0	0·5	8·1	7·5	100	94	Calm 0	12 3	10	10	—	—	76	≡ *n.* Overcast.
15	1017·9	1013·1	76·2	79·2	79	75	0·9	0·6	6·8	8·5	87	90	16 5	20 2	10	6	0·8	—	72	● 14 h.–16 h.
16	1017·2	1014·2	79·1	80·8	82	75	1·1	0·6	7·8	9·8	84	93	24 3	16 4	5	7	—	3·6	72	Cloudy to overcast.
17	1014·5	1013·1	81·2	80·8	x 85	80	1·5	1·1	8·8	9·1	81	86	20 3	20 2	7	9	—	0·5	75	Cloudy.
18	1013·1	1006·4	79·2	79·2	81	77	0·4	0·1	8·8	9·5	93	98	Calm 0	12 2	9	10	5·3	—	76	● most of day.
19	996·2	990·5	79·9	79·1	84	77	0·3	0·1	9·5	9·1	96	99	16 2	12 2	5	10●	16·0	4·3	77	Sunny. ● 19 h.
20	994·5	1003·0	77·4	77·4	81	77	0·5	1·1	7·8	7·1	92	84	30 4	24 3	9●	3	1·0	—	76	● *a.* Overcast.
21	1009·4	1010·8	77·8	78·0	81	75	1·1	0·6	7·1	8·1	85	92	24 2	20 3	3	9	0·5	5·4	73	Fine.
22	1010·8	1005·4	80·1	83·5	84	74	0·3	1·1	9·5	10·8	96	87	14 4	20 4	10≡	6	5·8	—	74	≡● showers.
23	1000·6	1008·1	84·1	78·1	x 85	78	2·2	1·2	9·8	7·1	74	83	20 5	22 4	8	1	—	3·6	79	Fine. ● showers 16 h. ⚡
24	1011·8	1011·5	76·4	75·4	81	72	0·3	0·1	7·5	7·1	95	98	24 4	24 2	4	5	0·5	5·4	70	Fine.
25	1009·1	1009·1	78·0	77·9	80	74	0·6	0·9	7·8	7·5	91	87	22 2	24 4	10	6	—	0·1	70	Cloudy.
26	1006·7	1003·7	79·5	81·0	82	76	1·5	1·9	7·8	8·1	79	77	18 3	22 6	8	2	2·3	0·1	72	Cloudy, with ● showers.
27	1006·0	1009·8	80·9	83·2	84	78	1·3	1·3	8·8	10·5	84	84	24 6	20 4	8	7	0·3	3·5	75	⚡● showers.
28	1011·8	1005·7	83·7	83·0	x 85	81	2·0	1·1	9·8	10·5	77	86	20 6	14 4	6	9	0·5	1·3	77	Cloudy. ⚡
29	997·9	1004·3	82·9	80·3	x 85	80	1·9	1·3	9·1	8·5	76	83	22 5	22 4	6	2	—	5·3	79	Fine.
Mean	1003·4	1003·3	77·2	77·0	79·6	74·3	0·8	0·7	7·4	7·5	86	87	3·0	3·2	7·8	6·7	66·9	1·97	72·5	
Mean Barometer at Station Level.	991·0	990·9																		

* Metres per second. † Beaufort Scale (0—12).

Douglas, Isle of Man, a.—February 1912.

Heights above Mean Sea Level:—Station, H = 84·5 m.; Barometer, H_b = 86·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·25 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second). 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200 + °	
1	1008·1	1003·7	75·0	71·5	77	71	1·9	0·2	5·1	5·1	70	95	30	2	2	3	4~	2~	—	5·0	71	⊠⌴~ ✻ ▲ a. Fine. ✻ 15 h. ⊠ ~⊠
2	1002·3	1003·3	71·3	70·9	74	n 69	0·0	1·9	5·4	2·4	100	48	2	6	30	1	2~	1~	1·1	5·7	68	~. ✻ ▲ 22 h. 30 m.
3	1004·0	1006·4	70·6	71·2	73	n 69	1·2	1·5	3·1	3·1	61	56	4	1	6	3	2~	8~	—	7·7	n 64	~. Fine and frosty.
4	1006·0	1001·0	70·8	69·8	73	70	1·7	1·5	2·7	2·4	50	49	10	5	10	7	9~	8~	—	—	68	~⊠✻.
5	992·8	987·4	70·8	72·9	74	n 69	1·1	1·6	3·4	4·1	64	66	10	8	10	7	8~	10~	1·7	0·4	68	⊠~. Cloudy. ⁄
6	984·7	982·0	74·7	77·9	78	72	0·1	0·4	6·8	8·1	98	96	12	6	12	3	10≡	10≡●	12·6	—	70	~≡✻ a. ≡● p.
7	985·7	983·0	78·6	81·2	81	77	0·5	1·0	8·5	9·5	94	87	16	2	10	4	10	10	12·5	—	73	⌴~ a. ≡ 11 h.–17 h. ● p.
8	980·3	979·0	78·7	80·8	81	79	0·2	0·4	8·8	10·2	96	96	10	5	16	3	10≡●	10●	8·7	—	76	≡. ≡² 15 h.–18 h.
9	980·3	982·3	79·7	80·1	81	79	0·4	0·3	9·1	9·5	94	96	12	3	10	2	4	9	2·8	0·5	77	● showers after 4 p.
10	*988·1*	993·8	79·1	78·0	82	76	0·9	0·8	8·1	7·8	87	89	24	3	4	3	6	0⌴	—	6·7	77	● a. Very fine. ⌴ p.
11	993·8	997·2	78·0	78·6	80	76	1·2	1·0	7·1	7·8	83	87	8	4	6	3	9	10	—	0·7	73	Dull and squally.
12	1001·3	1004·0	78·0	77·3	80	77	0·6	0·6	8·1	7·5	92	91	6	4	4	6	8	2	—	5·1	76	Fine. Squally.
13	1008·1	1012·1	78·3	78·1	80	77	0·9	0·7	7·8	7·8	88	91	2	3	26	1	8	10	—	1·0	75	Cloudy.
14	1016·5	1017·9	77·5	78·2	80	77	0·3	0·6	8·1	8·1	95	91	10	2	12	2	10	2	6·4	3·5	74	⌴ a Fine.
15	1014·2	1014·5	77·3	80·7	81	77	0·2	0·2	8·1	10·2	97	98	12	4	22	2	10≡●	8	7·2	—	75	≡● a. ≡● showers till 20 h.
16	1015·9	1012·5	78·6	81·3	82	78	0·1	0·2	8·8	10·5	98	97	12	2	16	4	10≡	10	0·5	—	76	≡● showers.
17	1014·5	1012·8	80·2	79·7	82	79	0·0	0·2	10·2	9·5	100	98	20	2	24	1	10≡	10	1·3	—	77	≡² till 6 p., then ● showers.
18	1011·8	1001·3	79·2	79·7	80	78	0·2	0·6	9·1	9·1	96	92	6	2	8	4	10●	10	7·1	—	77	Overcast, with ●.
19	993·5	990·1	79·7	79·6	80	79	0·5	0·1	9·1	9·5	94	99	12	3	4	1	9	8	1·3	0·1	78	Dull, with ● showers.
20	998·2	1005·7	79·5	78·0	81	78	1·5	1·1	7·8	7·5	80	84	28	6	28	4	7	0	—	4·1	77	Fine. ● showers noon.
21	*1008·8*	1010·8	79·1	79·6	80	74	0·5	0·4	8·8	9·1	92	95	12	2	14	1	8	6	3·6	1·7	71	⌴~. Cloudy.
22	1007·4	1005·0	80·3	81·8	82	79	0·0	0·1	10·2	11·2	100	99	14	3	20	6	10≡●	10≡	10·3	—	78	≡● till 15 h.
23	1002·0	1009·4	80·8	77·4	82	77	1·7	1·0	8·1	7·1	79	85	24	7	26	1	8	0⌴	—	6·5	79	Cloudy till 11 h.
24	1012·5	1008·1	78·0	79·1	81	75	0·6	1·0	8·1	8·1	92	85	24	1	12	2	8	10	2·5	7·2	71	⌴~ a. Very fine. ≡
25	1008·4	1011·1	79·1	79·2	82	79	0·2	0·3	9·1	9·1	96	96	24	2	20	2	9	6	0·3	6·1	75	● early a. Very fine.
26	1006·0	1006·0	80·0	81·0	x 84	79	0·3	0·6	9·5	9·8	96	92	16	4	16	3	10≡●	10	9·1	2·0	76	≡● till 14 h.
27	1011·8	1013·5	80·8	81·3	82	79	1·3	0·0	8·8	10·8	84	99	24	6	20	3	10	10	0·6	—	77	Squally and overcast.
28	1013·5	1001·3	81·2	82·8	x 84	81	0·1	1·2	10·5	10·2	98	86	16	6	16	6	10≡●	10	1·5	—	79	≡● till 11 h.
29	999·6	1005·4	82·0	81·2	83	81	1·6	0·9	9·1	9·5	80	88	20	5	20	5	3	8	2·8	6·8	79	● early a. Squally. ● 16 h. 30 m.
Mean	1002·4	1002·1	77·8	78·2	80·1	76·3	0·7	0·7	7·9	8·1	88	87	3·8		3·3		8·0	7·2	93·9	2·44	74·3	
Mean Barometer at Station Level.	991·8	991·6																				

Stonyhurst, Lancashire, a.—February 1912.

Heights above Mean Sea Level:—Station, H = 114·3 m.; Barometer, H_b = 110·6 m. Heights above Ground:—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 53° 51′ N. Long. 2° 28′ W. *Time*, Local mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Press. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks.
1	1005·7	1002·0	72·7	70·8	75	71	1·6	1·7	3·7	2·7	64	51	—	1	31	2	7	0	0·5	5·0	70	✻⁰. Sunny intervals. ✻⁰
2	997·6	1002·7	70·2	68·6	71	66	1·3	1·7	2·7	1·7	54	39	2	4	—	1	10✻	0	0·9	3·7	64	Fine and frosty. ✻⁰
3	1002·0	1006·4	68·9	67·4	72	n 64	1·2	1·1	2·4	2·0	54	50	—	2	4	2	0	0	—	6·0	n 60	✻⁰. Very cold n.
4	1006·7	1002·7	68·1	66·3	69	65	0·8	0·7	2·7	2·0	62	59	4	3	3	2	0	0	—	5·5	62	Fine. Very cold. ✻⁰
5	995·5	989·1	68·6	71·3	71	66	1·2	0·9	2·4	4·1	53	73	7	3	5	5	0	10	—	1·7	62	Very cold. Sunny through mist.
6	987·4	985·0	74·0	77·5	77	71	0·8	0·5	5·8	7·8	85	92	8	3	—	1	10	10	5·1	—	66	Dull. Mist and ● 14 h.–17 h.
7	989·5	987·4	75·8	79·5	80	74	0·6	1·5	6·8	7·8	91	79	—	1	15	6	10	10	1·3	—	72	Overcast, with ●.
8	983·7	981·7	77·4	81·2	81	77	0·2	0·8	8·1	9·8	96	90	4	3	16	8	10●	10	6·1	—	74	● 9 h. and 14 h.–20 h.
9	982·7	984·7	81·3	81·3	x 85	80	1·1	0·9	9·5	9·5	86	88	6	2	15	3	10	5	1·9	0·5	76	Cloudy.
10	990·8	995·9	78·4	76·0	83	76	0·4	1·3	8·5	6·1	95	81	20	4	32	2	9	0	—	2·3	74	● 6 h.–8 h., then fine.
11	993·8	998·2	77·4	77·4	79	75	0·6	0·4	7·5	7·8	90	94	4	4	4	3	10	10	—	—	73	Dull, dark, and cold.
12	1000·6	1002·0	77·5	77·4	80	77	0·6	1·0	7·5	7·1	90	87	5	5	4	3	10	10	2·3	—	76	Overcast.
13	1006·4	1012·5	78·1	78·6	81	77	0·7	1·2	7·8	7·8	91	85	—	2	—	1	9	10	0·1	0·5	76	Cloudy.
14	1017·6	1020·3	77·2	76·7	80	76	0·8	0·7	7·5	7·1	90	90	—	0	—	0	10	0	—	0·2	73	Overcast, with mist.
15	1017·6	1015·5	78·0	79·7	80	76	1·5	0·6	6·8	9·1	79	92	12	3	17	3	10	10	4·8	—	72	● 11 h.–15 h.
16	1018·2	1015·5	79·1	81·9	83	78	0·5	0·7	8·8	10·2	92	92	17	3	17	3	10≡	0	—	—	75	≡ a.
17	1015·5	1012·5	81·3	81·3	83	81	0·5	0·5	10·2	10·2	93	94	—	1	—	0	10	10≡●	7·0	—	80	● 14 h.–22 h. ≡²
18	1011·5	1003·7	79·7	79·7	82	80	0·6	0·6	9·1	9·1	92	92	—	2	6	3	10	10	0·3	—	79	Cloudy. Cold n.
19	995·9	990·5	81·2	80·9	84	79	1·1	0·9	9·1	9·1	86	89	15	5	14	3	1	10	1·5	3·2	78	Sunny a., then dull.
20	996·2	1005·4	79·1	78·2	82	77	0·9	0·8	8·1	7·8	86	89	27	6	24	3	10	10	—	4·2	78	Cloudy to fine. Mist n.
21	1010·4	1012·5	76·5	79·8	81	76	0·4	0·8	7·1	8·8	93	89	—	0	—	0	0	10	0·5	0·2	72	Dense mist till noon.
22	1010·8	1007·7	82·0	84·1	x 85	80	0·7	0·7	10·5	11·9	92	91	14	3	18	6	10●	10	4·3	—	76	●⁰ 9 h.–15 h.
23	1004·3	1010·1	84·1	77·4	x 85	77	1·7	0·9	10·5	7·1	80	86	20	6	—	1	7	3	0·1	3·5	75	Sunny intervals.
24	1013·8	1010·4	75·8	77·4	81	76	0·6	2·3	6·8	5·8	91	67	—	0	—	0	10●⁰≡	0	1·0	0·8	71	Cloudy. ⊔ 19 h. 30 m. ⊔ 21 h.
25	1008·4	1012·5	80·3	76·9	81	76	0·4	0·6	9·5	7·5	93	92	18	2	—	2	10●⁰	4	—	1·2	72	●⁰ a. Fine.
26	1010·1	1008·4	77·9	81·0	84	76	1·0	1·1	7·5	9·1	86	85	17	4	21	6	10	8	4·1	—	73	Dull. ▲● 17 h.
27	1011·8	1014·5	80·5	81·8	82	80	1·3	0·9	8·5	9·8	83	88	21	8	20	6	10	10	2·8	0·2	77	Overcast. ● 12 h.–14 h.
28	1016·2	1007·4	82·2	84·0	x 85	79	1·0	1·8	10·2	10·5	88	80	17	3	16	9	8	8	1·3	0·8	78	Overcast.
29	1002·0	1008·1	81·9	81·9	x 85	81	1·7	1·8	8·8	8·8	79	78	20	7	17	5	9	10	0·9	5·0	80	Fine.
Mean	1003·5	1003·6	77·4	77·8	80·2	75·4	0·9	1·0	7·4	7·5	83	81	3·1		3·1		7·9	6·5	46·8	1·53	72·9	
Mean Barometer at Station Level.	990·0	990·1																				

* Metres per second.

† Beaufort Scale (0—12).

Shrewsbury, Shropshire.—February 1912.

Heights above Mean Sea Level:—Station, H = 57·9 m.; Barometer, H_b = 64·7 m. Heights above Ground:—Therms., h_t = 1·2 ft.; Rain-gauge, h_r = 0·3 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200 + °	
1	1008·4	1002·0	74·7	73·0	80	67	1·1	0·6	5·4	5·4	80	87	24	2	24	1	8	8	—	—	72	Dull. ✻ 15 h.
2	997·2	1003·0	70·8	66·9	77	66	0·0	0·0	5·1	3·7	100	100	28	3	28	3	5	0	—	—	67	⊠. Fine. ✻ 12 h.–13 h.
3	1002·7	1005·0	68·6	66·9	72	n 56	0·0	0·0	4·4	3·7	100	100	24	3	28	2	5	0	—	—	64	Bright frosty day.
4	1005·7	1002·3	66·9	66·9	70	62	0·0	0·0	3·7	3·7	100	100	32	2	8	3	3	0	—	—	n 63	Bright. [⊠
5	993·8	989·5	68·6	70·2	75	64	0·0	0·0	4·4	5·1	100	100	8	3	8	3	7	10	3·6	—	n 63	Dull a. ✻ storm 19 h.–23 h.
6	987·4	985·4	72·4	76·9	78	65	0·0	0·0	5·8	8·1	100	100	12	1	12	1	10	10	1·8	—	70	≡. ●⁰ all day.
7	990·5	988·1	76·9	79·7	81	73	0·6	0·6	7·5	9·1	92	92	12	1	14	3	8	10	1·8	—	72	Dull.
8	981·7	982·3	79·7	81·9	82	75	0·6	0·6	8·8	10·5	92	93	14	2	12	3	8	5	1·8	—	75	Dull, with ●.
9	983·4	984·4	80·2	81·3	84	78	0·5	0·5	9·1	10·2	92	93	16	2	14	2	10	8	0·3	—	74	Dull a. ⌒ 16 h.
10	993·5	994·5	78·0	76·9	84	75	1·1	0·6	7·1	7·5	84	92	16	3	30	2	3	4	0·3	—	73	Very fine.
11	992·2	995·5	77·4	77·4	81	76	0·0	0·0	8·5	8·5	100	100	4	2	4	2	10	5	—	—	72	Dull and misty.
12	998·6	999·6	76·9	77·4	80	75	0·6	0·0	7·5	8·5	92	100	4	2	4	2	10	10	5·6	—	72	Dull misty day.
13	1005·0	1010·8	78·0	78·6	80	77	0·6	0·6	8·1	8·5	92	92	30	3	30	2	10	10	—	—	76	Dull misty day.
14	1016·9	1019·9	77·4	74·7	81	75	0·5	0·0	7·8	6·8	92	100	30	2	30	2	10	2	—	—	75	Dull misty day.
15	1017·2	1017·6	78·0	80·2	81	74	1·1	0·5	7·1	9·1	84	92	12	3	14	2	8	8	4·8	—	72	Occasional ●.
16	1017·9	1015·5	80·8	83·0	84	77	0·6	1·1	9·8	10·5	93	86	14	2	16	3	8	5	—	—	77	Dull.
17	1016·2	1012·8	81·9	81·3	83	80	0·6	0·5	10·5	10·2	93	93	16	2	16	2	8	5	0·5	—	79	Dull, with ●⁰.
18	1010·1	1002·3	80·8	82·2	84	79	0·6	1·1	9·8	9·8	93	86	16	1	14	1	10	5	—	—	77	Dull misty day.
19	996·2	991·5	82·0	80·3	85	80	1·3	0·6	9·5	9·1	84	91	14	3	16	2	5	8	1·8	—	78	Occasional ●.
20	998·2	1006·7	80·1	77·5	81	77	0·5	0·6	9·1	7·5	92	90	24	3	24	2	8	0	—	—	79	Dull and misty a., then fine.
21	1010·4	1012·5	74·7	78·6	80	72	0·3	0·1	6·4	8·8	95	98	12	2	12	2	8	8	0·3	—	71	⌴. Dull. ●⁰.
22	1011·1	1009·1	83·0	85·2	86	76	0·6	1·5	11·2	11·5	93	81	14	2	16	3	8	7	1·0	—	76	Dull.
23	1006·4	1010·4	85·3	79·7	86	79	2·3	1·1	10·5	8·1	73	84	18	4	20	3	5	5	0·5	—	82	
24	1014·2	1009·8	74·7	79·0	83	72	0·0	1·0	6·8	8·1	100	86	20	2	20	1	5	8	—	—	72	⌴. Fine day. Dull p.
25	1009·4	1013·5	78·6	76·9	85	72	0·3	0·6	8·8	7·5	96	92	20	2	20	1	8	4	—	—	75	Dull a., then fine. ⊔
26	1011·5	1011·8	79·1	82·9	85	76	1·1	2·4	7·8	8·8	84	72	14	2	18	3	8	5	1·3	—	73	Dull, with occasional ●.
27	1015·5	1018·2	82·4	82·4	84	81	2·7	0·4	7·8	10·8	67	94	24	4	14	3	5	10	0·5	—	78	Fine. ● shower p.
28	1017·9	1008·8	83·8	84·2	x 88	82	1·4	1·2	10·8	11·2	84	85	18	3	14	4	5	5	1·0	—	80	Fine.
29	1005·7	1010·1	83·0	81·8	87	81	2·1	1·6	9·1	9·1	75	80	18	4	20	4	5	4	—	—	80	Clear a. ⌒ 16 h.
Mean	1004·0	1003·9	77·7	78·1	81·5	74·0	0·7	0·6	7·9	8·3	90	92	2·4		2·3		7·3	5·8	26·9	—	73·7	
Mean Barometer at Station Level.	996·0	996·0																				

Cambridge, a.—February 1912.

Heights above Mean Sea Level:—Station, H = 12·8 m.; Barometer, H_b = 13·1 m. Heights above Ground:—Therms., h_t = 1·2 m.; Rain-gauge, h_r = 0·3 m Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Press. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks.
1	1006·7	999·3	72·1	72·4	75	72	0·1	0·5	5·4	5·1	95	85	22	1	24	2	8∞	2	—	—	67	Overcast. Very cold.
2	993·2	999·3	68·2	68·7	72	66	0·0	0·1	4·1	4·4	100	97	20	1	30	1	9	9⊠	0·3	2·3	n 63	Sunny a. ✻ 13 h. ⊠
3	999·6	1002·3	67·2	70·8	74	n 64	0·3	0·0	3·4	5·1	86	100	22	1	32	2-3	0⊠	10✻	—	7·5	64	Beautiful day. ✻ 18 h. ⊠
4	1005·0	1001·6	69·1	69·1	71	67	0·0	0·0	4·4	4·4	100	100	2	2-3	32	2	9⊠✻	10⊠	—	2·5	65	✻ n. ⊠. Sunny intervals.
5	994·5	987·4	70·0	72·8	73	67	0·0	0·0	4·7	6·1	100	100	12	1	12	1	8	10⊠✻	1·0	2·2	n 63	Sunny a. ✻ after 19 h. ⊠
6	988·8	987·8	73·5	78·0	78	72	0·0	0·3	6·4	8·5	100	96	Calm	0	14	2	10⊠≡	10●⁰	2·0	—	66	✻ n. ⊠ ¾″ 9 h. Rapid thaw.
7	993·8	992·2	77·4	78·2	82	75	0·5	0·1	7·8	8·8	92	99	14	2	16	2	4	10	—	2·1	70	Very mild. Cloudy.
8	985·0	986·1	79·9	81·9	82	78	0·8	1·1	8·8	9·8	90	86	12	2-3	12	2	7	0	3·0	0·5	72	Bright a., then overcast.
9	985·4	988·4	80·8	81·3	84	80	0·2	0·5	10·2	10·2	97	93	12	2	12	2	9●⁰	10●⁰	1·0	0·5	75	Cloudy, with ●⁰.
10	995·2	995·9	79·2	78·3	83	77	0·7	0·5	8·5	8·5	90	94	14	1	12	2	0	10	0·3	7·0	72	Beautiful day.
11	992·8	997·2	79·6	78·0	84	76	0·5	0·6	9·1	7·8	94	92	12	1	Calm	0	10●⁰	2	3·6	4·5	72	Beautiful day.
12	996·5	999·9	78·6	80·8	81	77	0·4	1·1	8·5	8·8	94	86	8	2	12	2	10∞	2	0·3	—	72	Overcast.
13	1002·7	1007·7	80·1	79·2	81	79	1·0	0·2	8·5	9·1	86	97	12	2	24	2	10∞	10	—	—	76	Overcast and gloomy.
14	1015·2	1020·3	77·0	77·9	80	77	0·1	0·5	8·1	8·1	99	93	30	2	32	2	10≡²	10	—	—	76	Overcast and gloomy.
15	1020·9	1018·6	76·7	79·9	81	76	0·8	0·8	7·1	8·8	89	89	12	2	16	2	9∞	10	0·5	—	75	Gloomy. ● after 14 h.
16	1020·3	1019·6	80·8	83·0	84	80	0·1	0·8	10·5	10·8	99	90	14	1	20	2	10	10	—	—	76	Gloomy day. Very mild.
17	1017·9	1014·5	79·9	81·5	86	79	0·4	1·4	9·5	9·1	95	83	16	1	20	2	9∞	0	—	1·0	74	Cloudy.
18	1011·1	1004·3	80·7	80·8	86	78	0·8	1·1	9·1	8·8	89	86	12	1	8	1	9⌂∞	0	—	0·5	74	Overcast till 15 h. 30 m.
19	999·6	993·2	82·6	81·2	85	79	1·0	0·5	10·5	10·2	88	93	12	2	16	2	5	10	2·5	1·0	73	Overcast most of day.
20	995·5	1005·7	79·1	79·7	82	79	0·4	1·8	8·8	7·5	94	76	24	2	24	3-4	10●⁰	9	0·3	0·3	77	Gloomy most of day.
21	1011·1	1014·5	76·3	80·5	83	73	0·8	0·3	6·8	9·8	89	96	16	1	20	2	4∞	9	—	3·5	69	Bright till noon. ● after 14 h.
22	1015·2	1013·1	82·5	85·2	85	80	0·2	1·0	11·5	12·5	98	87	16	1	16	4-5	10	9	2·5	—	74	Gloomy.
23	1010·8	1009·4	85·2	82·0	86	82	1·1	0·6	12·2	10·5	85	93	20	3	24	1	10	10●⁰	8·6	—	81	Gloomy. ● 18 h.–21 h.
24	1013·8	1011·1	78·5	80·2	85	75	0·5	1·1	8·5	8·5	94	85	16	1	16	1	2	10	—	5·0	71	● n. Fine. Overcast from 14 h.
25	1010·4	1013·1	81·9	81·3	86	80	0·7	0·6	10·2	9·8	92	92	14	2	28	1	9∞	10	—	3·0	77	Fine from noon.
26	1015·2	1012·8	77·2	82·6	84	75	0·5	1·2	7·5	9·8	93	85	16	1	22	4-5	9∞⌂	2	—	2·0	75	Sunny till 14 h.
27	1015·5	1019·9	83·0	82·7	87	82	3·0	1·2	8·1	10·2	66	85	20	6	20	4	9	9	—	4·5	77	Fine and mild.
28	1020·3	1014·2	83·8	84·0	x 89	82	1·4	1·0	10·8	11·5	84	88	20	4	16	4-5	9	5	0·5	4·8	77	Fine. [Bright.
29	1008·4	1013·5	83·1	81·4	86	81	1·2	1·2	10·5	9·1	85	85	20	2	16	3-4	10	0	—	2·5	79	●⁰ a. Overcast till 13 h.
Mean	1004·9	1004·9	78·1	79·1	81·9	76·2	0·6	0·7	8·3	8·7	92	91	1·8		2·2		7·9	7·2	26·4	1·97	72·5	
Mean Barometer at Station Level.	1003·2	1003·4																				

† Beaufort Scale (0—12).

SOUTHAMPTON, HAMPSHIRE, a.—FEBRUARY 1912.

Heights above Mean Sea Level:—Station, H = 19·5 m.; Barometer, H_b = 25·6 m. Heights above Ground:—Therms., h_t = 1·37 ft. Rain-gauge, h_r = 0·3 m. Lat. 50° 55′ N. Long. 1° 24′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.)		Air Temperature in Degrees Absolute.				Humidity. Dep. of Wet.		Vapour Pressure.		Percentage.		Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.)				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.				
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200+ °	
1	1008·8	999·9	74·1	74·7	77	74	0·4	0·8	6·1	6·1	90	86	28	2	28	3	8	10	—	—	70	Dull, misty day.
2	995·2	999·3	69·0	70·1	75	69	0·3	0·2	3·7	4·7	84	94	32	2	4	4	0	0	—	3·3	65	✻⁰ noon–14 h. 30 m. ⌴
3	1002·7	1003·0	66·3	71·1	75	*n* 65	0·1	0·1	3·4	5·1	93	96	28	2	32	3	0	0	—	7·4	*n* 61	Bright day. ∞⁰. ⌴
4	1001·0	998·6	70·8	69·1	73	67	0·5	0·1	4·4	4·1	82	92	4	3	4	4	2	0	1·0	2·0	63	✻ 9 h.–14 h. ⊠ ¾″ 14 h. ⌴
5	991·5	985·7	69·1	73·4	74	68	0·4	0·1	3·4	6·1	77	98	4	3	4	2	10	10	3·9	—	65	⊠. ✻△ 15 h.–21 h. ⌴
6	987·4	986·4	78·5	80·2	80	73	0·5	0·4	8·5	9·5	93	95	12	2	12	3	10●⁰	10●⁰	1·8	—	72	Drizzling ● till noon.
7	994·2	990·8	78·5	80·5	82	76	1·0	0·5	7·8	9·5	87	94	12	2	12	3	6	10●	2·9	1·6	70	Cloudy. ● from 18 h.
8	983·7	984·4	81·3	83·0	84	80	1·1	1·1	9·5	10·5	86	86	12	3	12	2	10	0	8·5	—	79	●⁰ *a*. ● 9 h. 30 m.–13 h. 30 m.
9	984·4	989·1	81·9	81·8	85	81	0·2	0·8	11·2	9·8	97	89	12	2	20	3	0	8●	5·1	1·2	79	●⁰ *a*. ● 14 h.–18 h.
10	995·9	991·5	79·1	79·7	84	79	0·2	1·0	9·1	8·5	97	85	20	2	12	5	1	5	2·0	5·5	74	● showers early *a*. Fine.
11	993·8	993·8	81·2	80·5	85	79	1·0	0·9	9·5	9·1	87	88	12	2	12	4–5	3	0	3·3	5·6	77	Fine.
12	994·9	996·9	80·2	81·3	84	79	0·4	0·6	9·5	10·2	93	92	12	2	20	5	4	8	5·5	1·4	77	Cloudy, with ●.
13	1003·0	1009·4	78·3	78·9	81	79	0·3	0·6	8·5	8·5	96	92	20	2	20	2	10	10	0·8	—	78	● *a*. Drizzling ● 9 h. 30 m.–16 h.
14	1017·6	1020·3	79·4	78·9	82	78	0·5	0·7	8·8	8·5	93	90	28	2	4	2	10	0	—	2·4	77	Cloudy.
15	1020·3	1019·6	79·6	80·2	81	77	0·7	0·1	8·8	9·8	90	98	12	2	12	3	6	10●⁰	2·4	0·1	73	● noon. Drizzling ● from 15 h.
16	1022·3	1020·3	81·9	81·8	84	80	0·2	0·4	11·2	10·5	97	95	20	2	20	1	10	8	—	—	78	Drizzling ● till noon.
17	1018·2	1015·5	80·0	81·3	86	79	0·4	0·7	9·5	9·8	94	92	12	2	12	2	5	0	—	4·0	74	Bright day.
18	1011·8	1004·7	81·6	81·8	85	80	0·7	0·8	9·8	10·2	90	90	12	2	12	3	8	8	—	2·7	76	Cloudy.
19	999·3	994·2	81·9	81·0	84	81	0·5	0·7	10·5	9·8	94	91	12	2	20	2	10	10●⁰	1·0	—	79	Dull, damp day.
20	998·9	1009·8	79·5	77·5	82	77	0·4	1·1	9·1	7·1	94	85	24	5	28	4	10●	0	0·6	1·0	72	Dull. Bright mid-day.
21	1010·8	1015·2	78·0	81·4	84	74	0·5	0·3	8·1	10·5	93	96	12	2	12	3	10	10●	3·9	0·3	66	●⁰ *a*. Dull and misty. ● *p*.
22	1016·2	1016·2	83·0	83·8	84	81	0·0	0·1	12·2	12·9	100	99	20	2	20	4	10●	10●	12·2	—	81	● most of day.
23	1014·2	1010·1	83·6	83·5	84	83	0·0	0·3	12·5	12·2	100	97	20	2	20	4	10●⁰	10●⁰	4·6	—	82	● most of day.
24	1014·5	1011·1	79·7	81·4	84	80	0·0	0·1	9·8	10·8	100	99	4	2	12	2	5	10●⁰	0·6	—	75	Dull, damp day.
25	1011·5	1015·5	81·9	79·6	84	79	0·5	1·0	10·5	8·5	94	85	20	2	28	3	8	1	—	0·7	80	Cloudy. ⋃ 20 h. 45 m.
26	1016·9	1016·9	79·7	82·6	84	75	0·7	0·2	8·8	11·5	90	97	20	2	20	2	6	10	1·4	—	71	⌴⁰ *a*. Cloudy, with ●⁰.
27	1020·6	1023·7	82·3	83·0	84	81	0·9	0·8	10·2	10·8	89	90	28	2	20	5	6	10	0·4	5·8	78	Sunny day.
28	1023·0	1014·5	83·0	84·2	*x* 87	82	0·2	1·0	11·9	11·5	97	87	20	2	12	4	10	0	3·0	3·4	82	● till 6 h. Dull to fine.
29	1010·8	1016·2	83·0	82·5	86	82	0·5	0·7	11·5	10·8	94	91	20	3	20	4	10	5	3·2	2·2	81	● early *a*. Fine. ⌓ *p*.
Mean	1005·6	1005·3	78·9	79·6	82·2	77·2	0·5	0·6	8·9	9·2	92	92		2·2		3·2	6·8	6·0	68·1	1·74	74·3	
Mean Barometer at Station Level.	1002·5	1002·0																				

FALMOUTH, CORNWALL, a.e.—FEBRUARY 1912.

Heights above Mean Sea Level:—Station, H = 50·9 m.; Barometer, H_b = 55·8 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·6 m Lat. 50° 9′ N. Long 5° 4′ W. *Time*, Greenwich mean time.

													*		*		10 h.	10 h.	10 h.			
1	1008·6	1000·3	75·9	76·2	78	75	1·4	2·1	6·1	5·4	80	69	—	1	3	5	10	10	—	—	—	Overcast, with ∞⁰. Fine.
2	997·3	1000·8	72·2	72·1	76	71	2·0	1·9	3·1	3·1	53	55	2	7	3	4	1	0	—	6·8	—	⌴. ✻⁰ showers 14 h.
3	1005·0	1001·1	69·1	73·6	74	*n* 68	1·7	1·7	2·0	4·4	40	69	—	1	4	3	0	4	—	7·6	—	⌴. Very fine.
4	996·9	990·7	73·4	75·8	76	73	1·2	2·7	4·7	4·7	75	62	5	7	10	8	10~	10	1·3	1·1	—	✻ 11 h.–13 h.
5	982·5	982·6	77·1	79·1	80	75	1·1	0·5	6·8	8·8	84	92	8	6	13	3	10	7	6·9	—	—	Damp and raw.
6	980·8	986·4	81·3	79·9	83	78	0·5	1·1	10·2	8·5	93	85	15	5	25	3	4	0	0·8	4·5	—	Bright *a*. ●⁰ afternoon.
7	986·2	983·1	81·3	81·9	82	77	0·9	0·6	9·5	10·5	89	93	15	7	15	4	10	10	15·2	—	—	Dull and damp.
8	975·1	978·1	82·1	82·6	84	82	0·4	0·8	10·8	10·8	96	90	14	6	14	5	10	10	1·3	2·2	—	Cloudy.
9	978·4	986·0	82·8	79·7	84	80	0·6	0·7	11·2	8·8	92	90	16	5	22	12	9	10●	6·9	0·9	—	Dull and damp.
10	992·5	983·0	79·7	81·4	83	77	1·0	1·4	8·5	8·8	86	82	13	2	8	9	5	9	1·8	3·0	—	Bright 11 h.–14 h.
11	983·5	987·9	82·0	81·8	83	80	1·5	1·1	9·1	9·8	82	86	14	7	11	3	9	10	10·4	3·6	—	Occasional ● showers.
12	991·9	1001·5	81·3	80·6	82	80	0·4	1·5	10·2	8·5	94	81	—	1	28	4	10	10	7·4	—	—	Dull and damp.
13	1009·9	1014·0	80·2	79·1	81	77	1·1	1·4	8·5	7·8	85	81	28	4	—	1	9	0	—	2·5	—	Cloudy.
14	1016·0	1017·6	77·4	81·3	82	76	0·5	0·7	7·8	9·8	92	90	—	1	13	4	10	10	4·1	—	—	Overcast.
15	1015·2	1017·6	82·5	82·1	85	81	0·3	0·3	11·2	11·2	96	97	16	4	—	1	10●⁰	10	2·3	—	—	Dull and damp.
16	1017·1	1016·4	83·0	83·4	85	82	0·3	0·5	11·9	11·9	97	94	16	4	16	4	9	10	—	1·4	—	Dull.
17	1014·9	1012·9	82·5	82·4	85	82	0·3	0·5	11·2	10·8	96	93	10	2	*14*	*3*	10	10	—	—	—	Dull.
18	1005·9	999·8	82·2	82·5	84	82	0·6	0·4	10·8	11·2	93	95	7	2	14	5	10	8	2·8	0·2	—	Dull, damp day. ● *n*.
19	992·7	996·9	81·6	79·7	83	80	1·0	1·2	9·8	8·1	87	83	17	6	25	9	10●⁰	10●	3·8	—	—	Dull and damp.
20	1007·4	1009·3	80·2	80·2	82	78	2·6	1·5	6·8	8·1	68	79	25	6	12	2	3	10	3·8	7·9	—	Bright.
21	1009·4	1011·0	82·8	82·7	85	81	0·5	0·3	11·2	11·5	93	95	20	3	16	4	5	10●⁰	21·1	2·0	—	Cloudy. ● 15 h.–16 h.
22	1011·3	1013·2	84·1	84·5	85	84	0·4	0·5	12·2	12·5	94	94	16	6	18	9	10●	10●⁰	2·8	—	—	Dull.
23	1012·0	1011·8	84·3	80·7	85	79	0·5	0·5	12·5	9·8	93	94	19	7	31	2	10	2	11·9	—	—	Overcast.
24	1013·6	1009·7	79·1	82·6	83	78	0·4	0·3	8·8	11·5	94	96	—	0	18	3	10	10●⁰	1·5	—	—	≡² early *a*.
25	1013·3	1016·9	81·2	78·8	84	78	1·9	0·8	8·1	8·1	77	90	27	4	—	2	1	9	—	7·7	—	Bright.
26	1014·2	1016·2	83·4	83·6	85	81	0·8	1·0	11·2	11·2	90	88	18	7	19	8	10●	10	0·5	—	—	Dull and overcast.
27	1022·5	1022·5	83·2	83·3	85	82	0·9	0·4	11·2	11·9	90	95	20	6	19	10	5	10	1·5	2·6	—	Fair. Overcast. ● *p*.
28	1019·4	1008·2	83·2	84·1	85	83	0·6	1·1	11·5	11·5	94	87	17	5	16	8	10	10	3·1	0·2	—	Dull and overcast.
29	1010·4	1012·8	83·0	82·5	*x* 86	82	1·5	0·7	10·2	10·8	82	91	19	7	17	5	3	9	4·8	7·9	—	Bright.
Mean	1002·9	1003·0	80·4	80·6	83·1	78·7	0·9	1·0	9·2	9·3	86	86		4·4		4·9	7·7	8·2	116·0	2·14	—	
Mean Barometer at Station Level.	996·2	996·3																				

* Metres per second. † Beaufort Scale (0—12).

ARMAGH, a.—FEBRUARY 1912.

Heights above Mean Sea Level:—Station, H = 59·8 m.; Barometer, H_b = 61·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.)		Air Temperature in Degrees Absolute.				Humidity. Dep. of Wet.		Vapour Pressure.		Percentage.		Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.)				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.				
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200+ °	
1	1009·4	1005·0	73·9	*73·3*	77	72	0·9	*0·9*	5·4	*5·1*	84	*83*	—	0	—	1	2	0	0·3	2·6	69	Fine.
2	1005·7	1004·7	72·2	69·3	74	*n* 67	1·4	0·2	3·7	4·4	66	92	4	3	—	2	0	0	—	8·1	*n* 62	⌴. Fine.
3	1005·0	1006·0	70·0	69·1	74	*n* 67	0·3	0·3	4·4	3·7	87	84	—	1	6	2	8	0	—	6·3	*n* 62	Fine.
4	1004·0	997·6	70·8	70·8	72	*n* 67	0·2	0·3	4·7	4·7	93	89	8	2	9	3	9	9	—	1·7	*n* 62	Fine.
5	989·8	984·0	72·0	73·7	74	70	0·2	0·7	5·4	5·8	94	88	10	3	9	2	9	9	1·1	—	67	Overcast.
6	981·0	979·6	76·9	77·5	79	74	0·2	0·2	7·8	8·1	98	96	10	4	16	4	10	10	3·6	—	72	Overcast.
7	979·6	977·6	76·4	81·1	81	75	0·3	0·3	7·5	10·2	95	96	14	3	15	9	10●	10	6·9	—	74	● showers.
8	978·6	974·6	79·7	79·3	82	79	0·2	0·3	9·5	9·1	98	95	8	4	15	5	10	2	4·3	—	76	Drizzling ● most of day.
9	975·2	979·6	82·3	79·7	82	79	1·0	0·3	10·2	9·5	88	96	13	7	14	4	10	8	—	0·3	79	Overcast.
10	988·8	992·8	77·8	76·9	82	76	1·3	2·0	7·1	5·8	82	72	19	3	12	3	0	0	—	7·6	75	Fine.
11	992·5	997·6	77·3	78·3	79	74	1·0	0·7	7·1	8·1	86	91	5	4	5	3	10	10	0·2	—	71	Overcast. ●⁰ 18 h.
12	1002·3	1006·4	78·0	77·4	79	77	0·6	0·7	8·1	7·5	92	89	—	1	—	1	10	10	—	—	76	Overcast.
13	1010·4	1011·8	76·5	77·4	80	74	0·5	0·6	7·1	7·5	92	90	—	0	—	1	10	10	—	—	69	Overcast.
14	1014·5	1013·8	76·4	77·5	81	72	0·9	1·1	6·8	7·1	86	85	—	1	11	5	2	2	3·0	3·9	67	⌴ *a*. Fine.
15	1007·1	1012·8	80·3	78·2	*x* 86	77	0·5	0·7	9·5	7·8	93	91	14	10	19	3	9	9	2·4	1·7	76	● early *a*. ● showers 15 h.–16 h.
16	1009·4	1006·7	81·0	80·8	84	77	0·6	0·6	9·8	9·8	94	93	13	7	17	9	10	0	0·4	—	75	Overcast. ●⁰ 15 h.–16 h.
17	1011·8	1011·8	79·9	79·1	83	79	1·0	1·2	8·5	7·8	86	83	17	5	18	2	8	7	—	0·6	78	Overcast.
18	1011·5	1000·3	76·8	76·9	80	76	0·1	0·3	7·8	7·8	100	96	—	1	3	4	10	10●	24·7	—	74	≡ early *a*. ● from noon.
19	990·8	990·8	80·1	79·6	81	76	0·4	0·5	9·5	9·1	94	94	10	2	—	1	10	10	8·1	—	76	●⁰ most of day.
20	1002·3	1007·1	78·4	74·3	84	74	1·0	1·1	7·8	5·4	88	80	28	3	—	1	10	0	0·3	4·7	76	Fine.
21	1005·7	1006·0	76·8	79·0	81	72	0·5	0·6	7·5	8·5	93	92	—	2	13	3	10	1	—	0·2	67	Overcast.
22	1001·0	999·6	83·5	83·9	*x* 86	79	1·0	1·1	11·2	11·2	88	88	14	7	17	6	10	9	4·0	0·1	76	Warm and muggy. ●
23	1002·0	1009·4	79·7	76·1	84	76	1·7	1·6	7·5	5·8	77	76	22	6	—	2	9	0	—	5·7	79	Fine.
24	1011·1	1006·0	76·1	78·2	82	73	0·3	1·0	7·1	7·5	95	86	19	2	—	1	2	10●	10·1	4·5	70	Fine till 18 h., then ●.
25	1008·4	1008·1	76·1	79·2	83	75	0·4	2·0	7·1	7·1	94	74	19	3	19	4	5	3	—	3·7	73	Fine.
26	1000·3	1002·0	82·4	80·8	*x* 86	78	1·1	1·9	10·2	8·1	86	77	17	6	18	4	10	10	—	3·4	77	Fine.
27	1010·1	1010·4	81·3	82·9	84	77	1·6	1·0	8·5	10·5	79	87	20	6	20	6	7	10	3·0	0·7	77	Cloudy.
28	1007·1	994·9	83·6	83·6	85	83	1·4	2·4	10·5	9·1	83	73	17	6	14	8	10	10	—	—	81	Overcast.
29	996·2	1001·6	81·9	80·6	84	76	2·0	1·6	8·5	8·1	75	79	18	9	17	4	8	7	1·8	5·6	79	Fine.
Mean	1000·3	999·9	77·8	77·7	81·0	74·9	0·8	0·9	7·8	7·6	88	87		3·8		3·6	7·9	6·1	74·2	2·12	72·9	
Mean Barometer at Station Level.	992·9	992·5																				

MARKREE CASTLE, SLIGO, a.b.—FEBRUARY 1912.

Heights above Mean Sea Level:—Station, H = 37·2 m.; Barometer, H_b = 38·7 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 54° 11′ N. Long. 8° 27′ W. *Time*, Dublin mean time.

													†		†							
1	1011·1	1006·7	70·1	71·9	78	69	0·1	1·1	4·7	4·1	94	69	Calm	0	32	1	9	0	—	4·1	67	≡ *a*. ✻⁰●⁰ (sleet).
2	1007·4	1007·1	69·7	64·6	76	*n* 64	0·6	0·0	3·7	3·1	76	100	Calm	0	Calm	0	0	0	—	6·3	62	⌴. Fine.
3	1005·0	1005·7	64·6	64·7	71	*n* 64	0·0	0·0	3·1	3·1	100	100	Calm	0	Calm	0	0	0	2·0	2·3	*n* 61	⌴. ✻. ≡
4	1003·3	996·2	70·2	70·8	72	*n* 64	0·0	0·0	5·1	5·1	100	100	12	2	10	3	6	10	—	5·5	*n* 61	⌴²
5	989·5	981·7	70·8	73·0	74	70	0·0	0·0	5·1	6·1	100	100	8	3	10	3	10	10✻	1·8	—	67	⌴. ✻ *p*.
6	977·6	978·6	76·8	78·0	80	73	0·5	1·7	7·5	6·8	93	77	20	3	12	3	10	4	—	—	72	Overcast.
7	980·3	975·2	74·7	79·7	82	74	0·6	0·1	6·1	9·5	90	98	12	2	16	3	10●	6	7·6	—	71	Overcast, with ●.
8	974·6	972·2	80·2	81·3	82	79	0·5	0·5	9·5	10·2	92	93	8	1	12	2	10	10	5·1	—	77	Overcast, with ●.
9	970·8	979·0	81·5	78·9	85	79	0·7	0·6	9·8	8·5	91	92	12	3	Calm	0	10	0	2·0	2·7	79	Cloudy, with ●.
10	987·8	991·8	75·2	74·1	82	73	0·5	0·5	6·4	6·1	91	89	Calm	0	Calm	0	1	5	—	6·5	75	Fine.
11	991·8	996·5	78·2	79·3	80	74	0·9	1·3	7·8	7·8	88	82	8	2	8	3	8	9	—	0·5	71	Cloudy.
12	1001·6	1007·4	78·6	77·9	80	77	0·9	1·0	8·1	7·5	89	86	Calm	0	Calm	0	9	10	—	0·9	76	Cloudy.
13	1010·8	1012·5	73·6	73·0	81	72	0·0	0·6	6·4	5·4	100	87	Calm	0	Calm	0	0	0	—	5·8	71	⌴. Fine.
14	1012·8	1010·4	74·7	79·7	81	71	0·6	1·1	6·1	8·1	90	84	16	3	12	4	10	10	6·6	—	69	Overcast.
15	1004·7	1012·1	83·0	78·6	86	78	0·6	0·6	11·2	8·5	93	92	12	3	16	1	10●	6	2·5	2·9	79	Cloudy, with ●.
16	1006·4	1004·3	80·2	82·4	86	76	0·5	2·7	9·5	8·1	92	67	12	4	18	5	10	5	1·0	—	72	Cloudy.
17	1009·4	1012·5	79·1	76·3	83	75	1·1	0·5	7·8	7·1	84	91	16	3	Calm	0	7	0	—	0·5	76	Cloudy.
18	1011·1	1002·3	75·8	76·9	84	72	0·0	0·6	7·5	7·5	100	92	Calm	0	32	3	10	10●	26·7	—	72	Overcast. ● *p*.
19	991·1	996·2	77·4	77·4	80	75	0·0	0·5	8·5	7·8	100	92	Calm	0	28	2	10	10●	20·6	—	75	Overcast, with ●.
20	1004·0	1007·1	78·0	71·9	82	71	1·1	0·3	7·5	5·1	84	92	28	1	Calm	0	3	0	0·5	7·2	76	Fine.
21	1003·0	1003·3	77·6	81·3	84	71	0·7	0·7	7·5	9·8	90	91	14	4	12	4	10	10	0·3	1·2	69	⌴. Cloudy.
22	995·5	998·2	83·6	84·1	86	81	0·6	1·1	11·9	11·5	93	86	16	3	12	3	10	10	3·6	0·2	81	Overcast.
23	1003·0	1010·1	78·6	73·6	85	73	1·2	0·0	7·8	6·4	85	100	24	3	Calm	0	2	0	0·3	7·3	77	Fine.
24	1010·4	1006·4	74·7	76·3	82	71	0·6	0·0	6·1	7·8	90	100	12	1	Calm	0	10	9	6·1	0·9	69	Cloudy.
25	1007·7	1007·1	77·7	80·5	85	71	0·3	1·1	8·1	8·8	96	86	Calm	0	12	3	10	3	1·8	1·8	69	Cloudy.
26	999·6	999·3	81·3	81·2	85	79	0·0	1·5	10·8	8·8	100	80	16	4	18	5	10	0	3·0	2·0	77	
27	1010·4	1009·8	80·8	83·2	84	80	1·7	1·0	8·1	10·8	79	88	20	2	20	2	10	9	1·0	—	77	Overcast.
28	1005·7	989·1	83·5	83·6	*x* 87	82	1·1	1·0	10·8	11·2	87	89	16	3	14	5	10	10●	7·6	—	81	Overcast, with ⁄●.
29	994·2	1000·3	80·2	80·4	84	79	1·1	1·3	8·5	8·5	85	83	16	1	16	2	10●	9	2·5	5·0	76	Overcast, with ⁄●.
Mean	999·3	999·3	76·9	77·1	81·6	73·8	0·6	0·7	7·6	7·6	91	89		1·8		2·0	7·8	5·7	102·6	2·19	72·6	
Mean Barometer at Station Level.	994·8	994·5																				

* Metres per second. † Beaufort Scale (0—12).

DUBLIN (PHŒNIX PARK), a.—FEBRUARY 1912.

Heights above Mean Sea Level:—Station, H = 47·3 m.; Barometer, H_b = 48·5 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second). 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200 + °	
1	1010·1	1004·0	72·3	71·7	77	71	0·9	0·8	4·4	4·4	75	78	—	1	—	1	8	5	0·1	4·6	70	Fine and bright.
2	1003·0	1005·7	72·1	67·8	74	67	0·9	0·3	4·4	3·7	75	89	32	3	2	2	5	0	—	3·0	66	▲ 6 h. Fine.
3	1004·7	1004·3	67·9	70·4	74	n 65	0·6	0·3	3·1	4·4	70	89	2	2	4	2	2	7	1·0	4·8	n 63	Bright a. ✱ noon and 20 h.
4	1003·7	996·5	70·4	71·5	72	70	0·2	0·4	4·7	4·7	92	87	9	5	9	5	10	10	—	0·3	68	✱ 2 h.–3 h. ⊠. Dull.
5	987·8	983·0	72·4	74·0	76	71	0·0	0·5	5·8	5·8	98	89	10	7	*10*	5	7	7	1·0	0·5	70	Dull.
6	981·0	*980·0*	77·9	79·1	81	74	0·5	0·6	8·1	8·5	92	91	*10*	*4*	—	1	10	10	0·3	0·6	73	● 2 h. Dull. Clear n.
7	*980·6*	979·0	79·0	82·9	84	75	0·6	1·5	8·5	9·8	92	82	12	4	17	3	10	10	4·8	0·1	71	●² 9 h.–14 h. ● 18 h.–20 h.
8	975·6	975·6	80·3	82·3	84	80	0·2	1·1	9·8	10·2	97	86	9	4	*10*	*3*	10●	7	4·6	—	79	●⁰ 9 h.–14 h. and 21 h.
9	975·6	978·6	82·1	81·3	85	81	0·6	1·0	10·8	9·8	94	94	*12*	*2*	—	1	5	10	1·3	2·5	79	Cloudy.
10	990·1	992·2	79·0	77·4	84	75	2·0	0·3	6·8	7·8	73	94	20	3	6	4	3	2	—	7·3	73	Bright day.
11	989·5	994·9	78·4	79·5	80	77	0·9	1·0	7·8	8·1	88	85	*4*	*2*	4	3	4	10	—	—	74	Overcast.
12	1000·6	1005·0	79·5	78·6	81	78	0·6	1·1	8·8	7·8	91	86	5	5	32	4	10	10	—	—	78	Overcast.
13	1010·1	1012·8	74·8	77·0	81	74	0·4	0·7	6·4	7·5	94	91	—	1	—	0	7	2	—	0·9	71	Dull.
14	1014·5	1014·8	71·3	79·6	82	69	0·4	1·5	4·7	7·8	86	80	—	0	—	1	2	4	—	2·8	66	Cloudy.
15	1008·8	1014·8	82·9	76·1	x 87	75	1·7	0·4	9·5	7·1	80	93	16	9	—	1	8	0	—	3·3	67	Fine.
16	1011·1	1010·1	81·8	82·9	85	74	0·9	1·7	9·8	9·5	88	80	14	5	*18*	7	10	0	—	—	71	Overcast.
17	1012·8	1012·5	81·9	77·5	84	77	1·8	0·2	8·8	8·1	78	97	*18*	*2*	—	1	3	10	5·1	0·7	75	Dull.
18	*1009·4*	997·6	79·7	80·1	80	77	0·2	0·3	9·5	9·5	98	95	8	2	6	2	10●	10●	10·9	—	76	●⁰ 4 h.–9 h. ● most of day.
19	988·8	989·1	80·6	80·0	82	79	0·4	0·2	9·8	9·5	95	96	12	4	28	2	8	10●	4·2	—	78	Overcast, with ●⁰.
20	1003·3	1007·4	78·4	72·1	82	72	1·0	0·3	7·8	5·4	87	94	24	3	—	1	10	0	1·8	5·8	77	Bright day.
21	1005·7	1007·1	79·0	81·5	86	70	0·6	0·6	8·5	10·2	92	92	10	4	12	2	10	10	—	2·2	67	●² a. Cloudy.
22	1003·0	1002·3	84·8	84·6	x 87	81	1·3	1·2	11·5	11·5	84	86	13	3	18	6	8	4	0·1	0·1	79	Overcast.
23	1004·3	1010·8	80·7	74·1	85	74	1·5	0·3	8·5	6·1	81	93	22	9	—	1	5	0	—	8·6	78	Bright day.
24	1011·8	1004·7	72·9	80·2	83	69	0·6	0·1	5·1	9·8	84	98	—	1	10	3	8	10	0·3	1·5	67	Cloudy.
25	1009·8	1010·8	77·8	80·1	84	75	0·4	1·2	8·1	8·5	93	84	22	3	19	5	2	3	—	5·7	72	Bright day.
26	1003·0	1004·3	83·7	82·5	x 87	79	1·3	2·6	10·8	8·1	85	69	18	6	18	6	7	10	1·0	4·4	75	●² shower noon. ●⁰ 22 h.
27	1012·8	1012·8	81·9	84·3	86	80	1·7	0·9	8·8	11·9	78	88	21	6	20	6	6	8	—	4·3	77	Fine.
28	1010·1	997·9	83·7	84·8	86	82	1·5	1·9	10·5	10·8	82	78	18	8	16	6	7	10	2·2	0·2	80	Dull. ● showers from 23 h.
29	998·6	1004·7	82·8	81·0	86	80	2·4	0·9	8·8	9·5	72	88	20	8	18	6	2	2	1·0	5·5	78	● a. ●² showers noon–16 h.
Mean	1000·7	1000·4	78·3	78·5	82·3	74·9	0·9	0·8	7·9	8·1	86	88	4·0		3·1		6·8	6·2	39·7	2·40	73·0	
Mean Barometer at Station Level.	994·7	994·5																				

LIMERICK (MUNGRET COLLEGE).—FEBRUARY 1912.

Heights above Mean Sea Level:—Station, H = 14·3 m.; Barometer, H_b = 15·2 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 52° 38′ N. Long. 8° 41′ W. *Time*, Dublin mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. 9 h.	21 h.	V.P. 9 h.	21 h.	% 9 h.	21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	21 h.	Rain	Sunshine	Min. Grass	Remarks.
1	*1009·8*	1004·3	68·7	71·5	76	67	0·3	0·0	3·7	5·4	86	98	Calm	0	32	2	3	9●⁰	—	3·0	64	⌴. ≡² a. Fine.
2	*1004·0*	1006·0	71·7	69·1	74	69	1·7	0·0	3·1	4·7	55	100	32	2	4	2	2	0	—	8·3	63	⌴. Fine.
3	1004·3	1000·3	62·0	68·6	75	n 61	0·2	0·0	2·4	4·4	89	100	Calm	0	32	2	4	3Ш	—	4·6	n 59	⌴. Fine.
4	999·6	991·1	67·5	71·9	76	67	0·1	0·1	3·7	5·4	94	97	8	2	8	6	9	9	—	4·6	65	⌴. Fine.
5	983·0	977·3	73·0	75·0	75	71	0·1	0·4	6·1	6·8	97	94	8	6	12	5	10	10	—	—	71	⊠ n. ✱ 10 h. 30 m.–12 h. 30 m.
6	976·6	981·3	78·3	76·4	84	75	0·4	0·5	8·5	7·1	94	91	12	2	16	3	3	0	2·3	2·9	72	Cloudy.
7	974·2	975·2	78·5	82·4	84	74	1·1	0·8	7·8	10·5	86	90	12	6	16	4	10●⁰	5	7·6	—	71	Overcast. ⌒ 14 h.
8	971·2	970·1	81·0	82·6	84	81	0·3	0·8	10·2	10·8	97	90	4	4	12	6	9●	8	1·9	0·3	79	Cloudy, with ●.
9	970·8	980·0	81·9	80·2	84	80	0·4	1·0	10·8	8·8	96	87	12	3	20	3	9●	10	1·0	2·5	79	Cloudy, with ●.
10	988·8	987·8	75·2	77·5	83	74	0·5	0·9	6·4	7·5	91	87	16	2	4	3	7	10	—	4·8	71	Fine.
11	984·7	992·8	78·0	78·4	82	77	1·1	0·7	7·5	8·1	84	91	4	6	4	3	10	0	—	1·7	74	Cloudy. ⌒ 13 h. and 14 h.
12	1001·6	1006·0	79·1	79·2	81	76	0·6	0·7	8·5	8·5	90	89	4	2	32	2	9	10	—	—	72	Overcast.
13	1011·1	1011·1	76·3	74·4	81	74	0·4	0·2	7·1	6·4	92	96	Calm	0	8	2	9	0	—	4·7	68	Fine.
14	1012·5	1009·1	80·6	82·6	82	74	1·3	0·8	8·8	10·8	84	90	12	4	12	7	10	10●	2·3	—	70	Overcast.
15	1005·7	1012·8	83·4	79·0	86	78	0·5	1·0	11·9	8·1	95	86	16	4	16	3	8	10	—	3·9	73	Fine.
16	1006·0	1008·4	83·7	82·1	85	79	1·1	1·8	11·2	9·1	88	78	16	7	16	4	10	0	—	—	75	Overcast. ⁄ noon.
17	1011·8	1011·8	80·7	79·7	84	79	0·6	0·6	9·5	8·8	93	91	16	3	Calm	0	10	10	4·5	—	76	Overcast.
18	1007·7	995·9	82·2	80·9	81	78	0·7	0·1	10·5	10·5	92	99	4	4	4	6	10●	10●	18·4	—	76	Overcast, with ●.
19	988·8	997·2	80·2	78·6	80	78	0·1	1·4	9·8	7·5	98	82	28	3	24	5	10●⁰	4●	4·7	—	76	Overcast, with ●.
20	1006·7	1005·7	76·3	76·2	84	74	0·4	0·8	7·1	6·8	92	88	Calm	0	8	2	4	10	—	7·9	70	Fine.
21	1003·3	1002·7	81·2	83·0	86	76	0·6	0·6	9·8	11·2	92	93	16	4	12	4	7	10	0·8	5·4	74	Fine.
22	997·9	999·9	84·9	84·4	x 88	83	0·8	1·5	12·5	11·2	90	82	12	6	16	7	8	10	0·5	1·4	81	Cloudy.
23	1006·7	1010·8	80·2	75·0	85	75	1·1	0·3	8·5	6·8	85	95	24	3	Calm	0	1	0	—	8·1	70	Fine. ⁄ 3 h.
24	1011·1	1005·0	73·9	77·5	82	71	1·1	0·1	5·1	8·5	80	98	4	2	28	3	6	9●⁰	11·2	1·2	66	⌴. Cloudy.
25	1010·8	1010·1	74·7	79·5	84	72	0·2	0·6	6·8	8·8	96	91	Calm	0	16	3	5	4	—	5·5	68	⌴. Fine.
26	1002·7	1003·3	83·9	81·1	86	79	0·4	0·8	12·2	9·8	95	90	16	2	16	5	8●	10●	5·4	4·9	77	Fine.
27	1014·2	1012·5	81·3	84·5	86	80	1·1	1·0	9·1	11·9	85	88	20	4	16	3	6	9	—	3·0	78	Fine.
28	1006·4	992·2	84·1	83·5	85	82	1·0	1·0	11·5	11·2	87	88	16	8	12	8	8	10●	3·2	0·5	81	⁄ a. Cloudy, with ●.
29	999·3	1002·7	82·4	81·3	86	79	1·7	1·0	9·5	9·5	80	87	20	4	16	5	7	10Ш	0·6	6·0	78	⁄ n. Fine.
Mean	999·0	998·7	78·1	78·5	82·4	75·3	0·7	0·7	8·3	8·4	89	91	3·2		3·7		7·3	6·9	64·4	2·94	72·3	
Mean Barometer at Station Level.	997·1	996·9																				

* Metres per second. † Beaufort Scale (0—12).

METEOROLOGICAL OFFICE, LONDON,
21st May 1912.

[Price One Shilling.]

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1912.

DEERNESS, ORKNEY, a.b.—MARCH 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 49·7 m. Heights above Ground:—Therms., h_t = 1·2 m.; Rain-gauge, h_r = 0·3 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	°	
1	993·9	988·1	79·6	79·5	81	79	0·8	0·0	8·8	9·5	89	99	18	10	16	6	10	10●⁰≡⁰	1·5	3·9	—	Cloudy. ● 17 h.–18 h.
2	987·1	985·4	79·9	80·0	81	79	0·3	0·5	9·5	9·2	95	93	22	4	16	7	10	10	—	3·1	—	Dull a. Fine p. Ш
3	979·0	981·3	80·0	79·0	82	79	0·5	0·8	9·5	8·5	94	89	16	3	22	8	8	10	1·8	4·5	—	Fine till 20 h., then ●⁰.
4	984·7	984·7	79·0	77·8	81	78	0·2	0·7	9·2	7·8	97	89	22	8	14	5	9	1	3·3	4·3	—	● showers n. and a. Fine.
5	981·3	984·1	78·1	78·9	79	77	0·5	0·4	8·2	8·8	94	94	4	7	4	3	10●	10	3·8	—	—	●⁰ till 16 h. Dull and damp.
6	989·1	996·6	78·9	77·4	80	77	0·2	0·3	8·8	7·8	97	95	30	2	24	3	6	10●	2·3	3·7	—	● n. Fair a. ●⁰ from 20 h. 30 m.
7	1001·7	1004·4	77·3	76·5	78	76	0·9	0·9	7·1	6·8	87	87	4	2	8	2	10	10	0·8	—	—	Muggy. ∞. ●⁰
8	1003·3	997·6	79·1	78·8	80	75	1·9	0·9	7·1	8·2	76	88	8	2	12	10	7	8	1·0	4·8	—	Bright a. Breezy. ⊕
9	997·9	1001·7	79·3	79·0	81	78	0·8	0·1	8·5	9·2	88	98	16	6	16	8	6	0	—	6·1	—	∞⁰ a. Fine. < p.
10	1007·8	1012·5	79·5	79·5	81	78	0·6	0·6	8·8	8·8	91	92	16	6	14	7	2	10●⁰	—	3·2	—	Fine. Much cir. p. ⊕. ⌓
11	1016·2	1016·6	79·5	78·4	80	79	1·7	0·8	7·5	8·2	78	90	16	8	14	9	4	0	1·5	8·7	—	Fine and bright.
12	1011·8	1007·8	78·9	79·5	80	79	0·8	0·5	8·2	8·8	89	93	16	11	18	8	10●	10●	13·0	—	—	●⁰ 5 h.–14 h., and after 17 h.
13	1010·1	1009·4	79·3	79·6	81	79	0·9	0·6	8·5	8·8	87	92	26	2	14	8	9	10	—	1·6	—	Damp and mild a. Fine p.
14	1004·0	1005·7	82·0	78·6	83	79	2·0	0·7	8·5	8·2	76	91	20	9	—	1	8	2	3·1	5·7	—	Drizzling ● a. Very fine p.
15	1000·6	1004·0	78·0	76·1	81	76	0·4	1·0	8·2	6·5	95	84	—	0	24	2	10●	0	—	4·2	—	● after 4 h. Fine p. Ш
16	1003·0	997·6	79·0	78·4	81	75	1·7	1·1	10·5	7·5	78	86	18	5	14	12	3	7	—	7·5	—	Fine a. ⊕
17	992·2	986·4	79·3	79·5	80	78	1·4	0·5	7·8	8·8	80	93	14	13	14	13	10	10	3·2	—	—	Heavy clouds. ●⁰
18	987·1	983·4	78·8	77·6	80	77	1·0	0·5	7·8	7·8	86	92	12	14	10	14	10●	10●	12·2	0·1	—	●⁰ a. ● showers till 18 h.
19	983·0	982·7	77·2	77·8	79	77	0·5	0·6	7·5	7·8	92	92	10	13	10	13	10●	10	9·1	—	—	● till 20 h.
20	985·4	987·8	78·2	78·4	80	77	1·5	1·9	7·1	6·8	80	77	16	10	12	9	8	4	1·4	6·6	—	Fine, but squally.
21	988·8	991·2	78·9	77·8	80	76	1·6	1·7	7·1	6·8	79	77	16	6	10	7	3	3	—	8·4	—	●⁰ n. Fine.
22	994·9	1000·6	78·9	76·8	81	76	1·7	0·4	7·1	7·5	78	96	4	6	30	2	1	6●	1·5	9·0	—	Bright a. ✱● after 16 h.
23	1002·0	1000·3	77·3	77·2	81	76	1·2	1·1	6·8	6·8	83	84	2	4	—	0	4	9	2·0	3·0	—	Bright a. ▲ after 17 h.
24	1001·3	999·6	77·4	78·8	80	76	1·0	0·6	7·1	8·5	86	93	8	3	14	12	9	10●	4·6	3·8	—	Cir. a. ● from 20 h.
25	1002·3	1008·4	81·1	80·0	x 85	78	1·6	1·1	8·5	8·5	80	85	20	7	22	3	0	1	1·0	7·3	—	Fine. ● showers from 17 h.
26	1010·1	1005·0	81·2	78·9	81	79	1·2	0·1	9·2	9·2	85	97	20	4	26	3	10	10●	10·2	—	—	Dull a. ● from 18 h.
27	998·3	1007·8	79·1	78·2	82	77	0·2	0·4	9·2	8·2	97	94	26	12	—	0	10●	10	2·5	4·8	—	● till noon.
28	999·6	1003·0	80·6	78·4	81	75	1·5	1·1	8·5	7·8	80	86	24	15	22	9	2	8	5·3	7·4	—	● showers a. Fine.
29	1001·3	998·9	75·0	77·1	80	75	0·2	0·8	6·8	7·1	97	89	26	9	22	7	8●	8●	5·3	4·6	—	▲² a. ▲ after 17 h.
30	999·6	1004·0	77·3	75·1	79	n 74	2·2	0·2	5·8	6·8	70	96	28	7	10	3	4	10	5·7	3·1	—	▲ a. Bright. ▲✱ p.
31	1000·0	1000·0	74·9	76·7	77	n 74	1·0	2·2	5·8	5·4	84	69	2	11	32	19	7	7	1·3	6·5	—	▲● n. and a. ✱ after 17 h.
Mean	997·3	998·0	78·8	78·2	80·5	77·1	1·0	0·7	8·0	7·9	86	90	7·1		6·9		7·0	7·2	97·4	4·06	—	
Mean Barometer at Station Level.	991·3	991·9																				

ABERDEEN, a.e.—MARCH 1912.

Heights above Mean Sea Level:—Station, H = 14·0 m.; Barometer, H_b = 26·8 m. Heights above Ground:—Therms., h_t = 12·5 m.; Rain-gauge, h_r = 0·6 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. 9 h.	21 h.	V.P. 9 h.	21 h.	% 9 h.	21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 10 h.	22 h.	Rain 10 h.	Sunshine	Min. Grass	Remarks.
1	999·3	989·8	79·9	80·6	82	80	1·0	0·6	8·5	9·5	87	93	14	2	17	3	9	8	0·3	1·4	—	Cloudy; fair intervals.
2	990·1	986·4	81·8	79·6	84	80	1·5	0·5	9·2	9·2	81	94	20	5	13	4	5	10●	1·0	5·3	—	●⁰ 6 h. and n. Fair, but squally.
3	981·3	987·4	80·2	79·6	84	79	1·0	2·4	8·8	6·8	89	70	18	4	18	4	8	0	—	3·9	—	●⁰ showers a. Very fine p. and n.
4	990·1	981·7	79·0	77·8	81	77	2·0	0·6	6·8	7·8	74	91	20	5	12	7	2	10●	5·1	5·3	—	Fine and bright a. and p. ● n.
5	980·3	985·1	77·9	79·0	80	77	0·7	1·7	7·8	7·1	90	79	26	6	24	4	10	10●	0·8	—	—	Frequent ●⁰ showers.
6	989·1	998·3	78·5	78·4	81	77	1·3	1·6	7·5	7·1	83	79	26	9	26	6	9	6	0·3	0·1	—	Dull and squally. ●⁰ after 18 h.
7	1004·0	1006·1	78·4	77·4	82	76	2·3	1·4	6·5	6·8	71	79	22	4	—	1	1	1	—	8·6	—	Fine and bright all day.
8	1004·0	996·9	75·1	79·0	80	74	0·9	0·9	6·1	8·2	85	88	—	1	14	6	8	7	1·0	1·9	—	Cloudy. ∞⁰ a. ●⁰ 16 h.–20 h.
9	1000·6	1004·4	78·2	78·8	81	76	0·9	0·6	7·8	8·5	88	91	14	3	14	2	4	4	0·3	5·6	—	⌴ a. Cloudy intervals.
10	1009·4	1013·5	78·6	78·7	80	76	0·6	0·3	8·5	8·8	92	95	14	2	10	2	10●	10	0·5	—	—	Dull, with occasional ●⁰.
11	1017·6	1019·6	79·2	77·5	80	77	1·0	0·3	8·2	8·2	86	94	—	1	16	2	9	4	—	2·4	—	Cloudy to dull a. Cleared p.
12	1018·3	1012·1	78·8	79·9	81	76	1·0	0·8	7·8	8·8	87	89	16	4	16	5	10	10●	14·2	—	—	≡⁰●⁰ a. ●² n.
13	1011·5	1010·8	81·0	82·3	84	79	0·9	0·9	9·5	10·2	89	88	—	1	16	2	1≡⁰	10	—	4·3	—	● till 1 h. ⊕ p.
14	1008·4	1007·1	83·1	80·2	85	80	2·2	1·0	9·2	8·8	74	88	—	1	18	2	10	7	—	1·1	—	Cloudy and mild.
15	1002·0	1005·4	80·0	77·3	81	76	0·9	0·8	8·8	7·5	87	89	18	2	26	3	10	7	1·5	1·5	—	Dull to cloudy. ●⁰ 19 h.
16	1005·4	999·6	75·7	78·4	81	n 73	1·2	1·2	6·1	7·5	81	85	—	1	14	5	1	7	0·5	7·9	—	⌴ a. Fine and bright a. and p.
17	992·8	987·1	79·1	79·2	80	79	0·6	0·4	8·5	8·8	91	94	12	7	12	8	10	10●	9·4	—	—	Dull and showery a. ● after 14 h.
18	985·1	981·7	78·6	78·7	79	78	0·8	1·0	8·2	7·8	89	88	12	9	12	4	10●	10	15·5	—	—	Dull and squally, with ●.
19	978·3	982·0	78·6	78·1	80	75	0·4	0·6	8·5	8·2	94	93	8	5	—	1	10●	5≡⁰	3·1	1·5	—	●² a. ≡¹ a. ≡⁰ 22 h.
20	985·7	988·8	78·5	76·9	79	75	1·6	1·0	7·1	6·8	79	86	14	5	16	3	8	10	0·8	0·6	—	●⁰ showers.
21	989·5	987·8	78·3	77·9	80	74	2·0	1·1	6·5	7·5	74	85	12	5	8	9	5	8	—	4·9	—	Bright a. Dull to cloudy p.
22	991·8	1002·0	79·0	75·7	79	75	1·4	0·9	7·5	6·5	81	87	2	6	26	3	6	0	1·5	3·5	—	●⁰▲⁰ showers a. Very fine n.
23	1003·3	1000·3	77·8	77·9	80	75	1·4	1·1	7·1	7·1	82	84	26	4	28	2	2	5	—	4·4	—	Bright to cloudy a. ●⁰ p.
24	1001·7	1001·7	77·0	78·9	80	75	0·7	0·4	7·5	8·8	91	93	—	1	14	4	6	10	0·3	1·1	—	Fair a., then ●⁰.
25	1006·1	1011·5	81·8	82·4	x 87	76	2·3	1·0	8·2	10·2	72	87	20	3	18	3	1	4	1·3	6·2	—	≡⁰ a. Cloudy p.
26	1012·5	1007·4	80·9	81·6	85	80	0·3	1·5	10·2	9·2	97	82	—	1	24	2	10≡⁰	7	—	—	—	≡⁰●⁰ a. Cloudy to dull p.
27	1003·7	1009·8	81·8	81·4	85	79	3·4	2·4	6·8	7·8	61	71	24	8	20	2	2	10	0·5	8·4	—	Bright and squally a. and p.
28	1005·7	1009·1	82·5	77·1	83	76	3·2	2·1	7·5	5·8	63	72	24	8	22	5	7●	5	—	9·0	—	●⁰ early. Fine, bright, and squally.
29	1008·1	1001·3	79·6	78·7	82	75	3·3	2·2	5·8	6·5	60	73	24	7	26	7	1	10	—	10·6	—	Bright and squally a. ⊕ 16 h.
30	1002·3	1006·4	78·4	77·9	80	76	2·4	1·5	6·1	6·8	70	80	26	9	20	2	7	10	0·8	9·5	—	●⁰△⁰ showers a.
31	998·6	1001·0	77·9	74·6	79	75	1·2	0·9	7·1	5·8	83	84	28	4	26	7	6✱▲	10	2·0	4·9	—	●⁰✱⁰△⁰ showers.
Mean	999·3	999·4	79·2	78·8	81·4	76·6	1·4	1·1	7·7	7·9	82	86	4·3		3·9		6·4	7·3	60·7	3·67	—	
Mean Barometer at Station Level.	995·9	996·0																				

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. * Metres per second.

Wt. 39026—3—250—6/12.—N. & Co., Ltd. Gp. XV.

FORT WILLIAM, INVERNESS-SHIRE, a.—MARCH 1912.

Heights above Mean Sea Level:—Station, H = 52·1 m.; Barometer, H_b = 11·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†	†	Tenths of Sky covered.		mm.	hr.	°	
1	994·9	986·8	81·2	81·3	x85	80	2·1	0·6	8·2	10·2	75	93	20 2	20 1	9	10●	6·9	—	—	Sunny a. ● p.
2	990·5	983·4	79·2	81·0	x85	79	1·4	1·9	7·8	8·2	81	76	20 3	20 2	10●	10●	5·1	—	—	Fine and sunny. ●^{0} evening.
3	980·7	989·1	79·7	79·0	81	79	0·6	1·1	9·2	8·2	92	95	20 3	20 2	10≡^{0}●^{0}	7●	7·1	—	—	● showers all day.
4	990·1	980·3	78·2	77·4	82	77	0·8	1·1	7·8	7·1	89	83	20 4	4 4	7●^{0}	8	1·0	—	—	Sunny.
5	984·1	988·1	77·4	77·5	84	75	1·1	0·7	7·1	7·5	84	89	Calm 0	18 2	6	4	—	—	—	Snow on hills 9 h. Sunny.
6	993·2	1001·7	79·8	79·5	82	76	2·4	2·9	6·8	6·1	70	64	26 3	24 2	9	2	0·3	—	—	Snow on hills. Sunny.
7	1005·7	1006·4	76·7	77·0	81	75	0·9	0·7	6·8	7·5	86	90	28 3	20 1	10●^{0}	2●^{0}	5·1	—	—	Snow on hills. △●
8	1000·0	994·5	78·0	77·7	80	74	1·7	0·8	6·8	7·5	77	88	4 1	Calm 0	10	10	0·5	—	—	Dull. ●^{0} evening.
9	997·6	1001·3	80·2	76·3	81	76	3·1	1·5	6·5	6·1	62	78	4 1	Calm 0	6	1	0·8	—	—	Fair.
10	1006·7	1011·1	81·9	76·9	84	76	2·9	1·2	7·5	6·8	66	83	Calm 0	Calm 0	7	0	—	—	—	Sunny.
11	1016·6	1018·3	74·7	79·7	84	72	0·6	1·7	6·1	7·5	89	77	Calm 0	22 3	3	10	2·8	—	—	Sunny.
12	1015·2	1010·1	79·6	80·2	81	79	1·0	0·3	8·5	9·5	85	94	20 6	20 4	10●	10●	12·4	—	—	●. ≡^{0} all day.
13	1011·8	1010·1	81·2	81·3	83	80	0·4	0·4	10·2	10·2	95	94	20 3	20 2	10≡^{0}●^{0}	10≡^{0}●^{0}	8·6	—	—	● showers.
14	1007·8	1006·1	80·6	78·6	x85	79	0·5	0·5	9·8	8·5	94	93	20 3	20 1	10≡^{0}●^{0}	10≡^{0}●^{0}	8·4	—	—	● showers.
15	1002·7	1006·4	78·0	74·6	80	74	0·6	1·4	8·2	5·4	92	76	20 1	16 2	10●^{0}	1	1·8	—	—	Snow on hills. ● showers.
16	1004·4	994·9	76·8	80·4	82	74	0·6	2·0	7·1	7·5	91	74	Calm 0	16 1	9	10	—	—	—	Dull and cloudy.
17	988·8	984·1	80·0	79·0	x85	79	1·8	1·0	7·8	8·2	77	86	20 1	16 1	10	10●^{0}	1·5	—	—	Occasional ● showers.
18	981·0	979·0	78·8	76·9	80	76	0·9	0·6	8·2	7·5	88	91	Calm 0	20 1	10∞	9	1·5	—	—	Snow on hills. ● showers.
19	980·0	981·7	77·2	78·0	84	75	1·1	1·5	7·1	6·8	85	79	Calm 0	Calm 0	7	10	7·6	—	—	Sunny.
20	984·1	988·1	73·6	75·9	79	73	0·3	1·2	6·1	6·1	94	81	20 1	22 3	10✻	3●	32·5	—	—	✻^{2} a. ⊠ 2″. ● p.
21	985·1	985·1	76·5	76·8	80	74	2·4	1·6	5·4	6·1	66	78	4 2	4 2	8	8	—	—	—	Sunny.
22	993·5	1003·7	78·1	75·1	82	75	1·8	1·1	6·8	5·8	76	82	4 4	Calm 0	6	0	—	—	—	Sunny. Ш n.
23	1003·7	996·9	73·9	79·6	84	n70	1·3	2·9	5·1	6·1	77	64	Calm 0	16 1	1	9	—	—	—	Sunny.
24	999·3	998·6	79·6	80·1	81	76	2·7	0·5	6·5	9·5	66	93	4 1	24 3	10	10●	6·6	—	—	Dull and cloudy. ● p.
25	1006·7	1011·5	80·7	80·2	84	79	0·6	0·3	9·8	9·5	93	94	20 3	20 2	10≡●	3	8·6	—	—	Dull, with ● showers.
26	1011·1	1008·4	80·9	79·5	82	79	0·2	0·5	10·2	8·8	98	92	20 1	20 3	10≡^{0}●^{0}	10●	37·8	—	—	● most of day. △●^{2} 23 h.
27	1008·4	1008·1	78·8	79·5	84	77	1·1	0·5	7·8	9·2	87	92	22 3	20 2	9●^{0}	10●^{0}	6·9	—	—	Fair to fine.
28	1009·8	1011·1	77·9	77·0	82	76	1·0	1·9	7·5	6·1	85	74	20 2	20 5	7●^{0}	10●	5·1	—	—	Snow on hills.
29	1011·5	1005·4	76·3	77·1	80	75	0·6	1·3	7·1	6·8	90	82	20 3	24 4	10●^{0}	10ꓘ△●	17·8	—	—	●^{2} at times.
30	1006·7	1005·0	78·9	77·9	83	75	2·6	0·9	6·5	7·5	68	86	24 3	24 3	5●^{0}	10●^{0}	5·3	—	—	Snow on hills. ● showers.
31	998·6	1006·4	77·3	74·8	80	74	1·2	1·8	6·8	5·1	83	71	2 5	4 4	10●^{0}	10	—	—	—	Snow on hills. Chilly.
Mean	999·0	998·8	78·5	78·2	82·3	76·0	1·3	1·2	7·5	7·5	83	84	2·0	2·0	8·4	7·3	192·0	—	—	
Mean Barometer at Station Level.	997·6	997·3																		

DUNDEE, FORFARSHIRE, c.d.—MARCH 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 50 m. Heights above Ground:—Therms., h_t = 1·16 m.; Rain-gauge, h_r = 0·3 m. Lat. 56° 28′ N. Long. 2° 56′ W. *Time*, Greenwich mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †	Wind 21 h. †	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	999·3	990·1	79·7	80·7	82	79	0·8	0·6	8·8	9·5	88	93	20 1	12 1	10	10	1·5	—	—	Dull till 10 h. ●^{0} 15 h.–19 h.
2	992·8	985·7	79·7	79·0	85	79	1·1	0·1	8·2	9·2	84	98	20 1	12 3	5	10●	4·1	—	—	Dull after 15 h. ● from 16 h.
3	982·7	989·1	78·7	78·9	84	78	0·4	1·4	8·5	7·5	94	82	20 3	24 5	10	5	—	—	—	Fine after 10 h. ● 19 h.–21 h.
4	992·5	979·6	78·3	77·0	82	76	0·9	0·3	7·8	7·8	88	96	20 3	12 5	5	10●	0·8	—	—	Fine till 15 h.
5	982·0	986·8	77·3	77·0	81	76	1·0	0·9	7·1	7·1	86	86	24 1	28 3	10	10	—	—	—	Dull and cloudy.
6	990·8	999·6	78·6	77·3	82	75	1·2	1·3	7·8	6·8	85	80	24 3	28 3	10	5	—	—	—	Fine after 11 h.
7	1006·4	1006·7	75·9	76·8	82	72	0·6	0·9	6·8	7·1	91	87	20 1	20 1	5≡^{0}	0	0·3	—	—	≡^{0} till 10 h., then fine.
8	1004·0	997·2	75·6	78·0	80	73	0·3	0·6	7·1	7·8	96	91	12 1	20 1	10	0	2·0	—	—	Dull till 18 h. ● 15 h.–17 h.
9	1000·6	1004·4	77·0	77·4	80	75	0·6	0·6	7·5	7·5	92	90	20 1	12 1	10	10	0·5	—	—	Dull till 13 h. and from 16 h.
10	1008·8	1012·5	76·7	78·1	79	74	0·3	0·2	7·8	8·5	96	98	4 1	8 3	10	10	2·0	—	—	● 8 h.–18 h.
11	1017·2	1020·3	77·4	74·8	81	75	0·8	0·4	7·5	6·5	89	93	32 1	24 1	10	0	—	—	—	Dull till 11 h., then fine.
12	1018·9	1012·8	78·4	80·2	81	73	0·7	0·8	8·2	8·8	91	89	20 3	20 3	10	10	1·3	—	—	Dull and cloudy.
13	1011·8	1012·8	80·9	81·1	86	80	0·5	0·6	9·8	9·8	94	93	20 3	20 2	5	5	0·3	—	—	Fine.
14	1009·4	1007·4	81·9	80·3	85	80	1·1	0·6	9·8	9·2	86	91	20 1	20 1	5	10	0·5	—	—	Cloud and sunshine.
15	1002·7	1005·7	78·6	76·3	84	76	0·8	1·1	8·2	6·5	89	83	20 3	24 3	10	5	—	—	—	●^{0} 5 h.–6 h. Fine from 12 h.
16	1006·4	999·3	76·1	78·7	81	n71	0·9	1·3	6·5	7·5	86	84	20 1	12 1	5	10	3·3	—	—	Fine till 16 h., then dull.
17	992·2	986·1	78·9	79·0	81	77	0·2	0·1	9·2	9·2	98	98	12 5	12 5	10●	10●	7·1	—	—	● n. and during day.
18	983·0	980·7	78·0	77·5	80	77	0·2	0·1	8·5	8·2	97	97	12 5	12 1	10●	10●	4·6	—	—	● n. and during day.
19	979·6	983·4	78·5	78·2	82	76	1·1	0·7	7·8	8·2	86	91	20 1	20 1	10	10	—	—	—	Dull till 10 h. and from 16 h.
20	985·7	989·5	76·9	76·3	79	75	0·6	0·5	7·5	7·1	91	91	24 1	20 3	10	10	4·3	—	—	Dull. ● 13 h.–17 h.
21	988·1	985·1	77·0	77·5	79	72	1·1	0·9	6·8	7·5	84	87	12 5	8 5	10	10	2·3	—	—	Dull from 14 h.
22	990·8	1002·7	79·2	75·5	81	75	1·5	0·8	7·5	6·5	80	87	4 5	28 1	5	0	0·3	—	—	Fine.
23	1004·4	999·3	76·2	77·5	82	72	1·0	0·6	6·5	7·5	85	90	12 1	12 1	5	10	0·8	—	—	Cloud and sunshine.
24	1001·3	1001·7	77·5	79·4	80	77	0·1	0·4	8·2	8·8	97	94	12 1	8 1	10●	10	1·5	—	—	Dull. ● 8 h.–11 h.
25	1007·8	1012·5	81·9	81·6	x87	78	1·1	0·5	9·8	10·2	86	93	20 3	20 1	5	10	4·3	—	—	Dull after 15 h.
26	1012·5	1009·8	81·8	80·0	84	80	0·2	0·9	11·2	8·8	98	88	20 1	20 3	10●	10	5·6	—	—	● n. ● showers.
27	1007·4	1010·1	81·1	80·3	85	76	0·9	0·6	9·5	9·2	89	91	24 3	20 1	5	10●	1·5	—	—	● n. Fine till 16 h.
28	1007·8	1011·5	82·4	76·7	83	76	1·6	1·2	9·5	6·5	79	83	24 3	20 5	5	0	—	—	—	↗ 11 h.–16 h. Fine.
29	1010·8	1003·3	78·6	76·2	81	75	1·7	0·7	7·1	6·8	78	90	24 8	28 5	5	10	0·3	—	—	↗ till 16 h. Dull from 11 h.
30	1004·4	1006·4	79·4	78·4	81	75	1·7	1·1	7·5	7·5	77	86	24 5	24 1	5	10	2·3	—	—	Fine till 17 h., then dull.
31	998·3	1002·0	78·1	74·1	80	74	0·4	1·1	8·2	5·4	95	80	24 1	24 1	10	0	0·8	—	—	Dull till 15 h., then fine.
Mean	1000·0	999·8	78·6	78·1	81·9	75·7	0·8	0·7	8·1	7·9	89	90	2·5	2·3	7·9	7·4	52·3	—	—	
Mean Barometer at Station Level.	993·9	993·7																		

† Beaufort Scale (0—12).

GLASGOW, LANARKSHIRE, a.—MARCH 1912.

Heights above Mean Sea Level:—Station, H = 54·9 m.; Barometer, H_b = 56·1 m. Heights above Ground:—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 55° 53′ N. Long. 4° 18′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	*	*	Tenths of Sky covered.		mm.	hr.	200 + °	
1	996·9	987·8	81·8	81·5	83	80	1·7	0·7	8·8	9·8	80	90	18 4	16 2	10	10	3·3	—	79	● 12 h. 25 m.–15 h. 30 m. ●^{0} 20 h.
2	992·5	984·1	80·7	80·4	84	79	1·0	0·8	9·2	9·2	87	89	20 4	16 3	8	9	7·3	2·2	77	● 0 h.–4 h. 30 m., and 17 h.–[20 h. 30 m.
3	983·0	992·2	79·9	79·6	82	79	0·9	1·4	8·8	7·8	88	80	22 4	22 6	6	9	2·3	5·4	77	● 2 h.–6 h. ●^{2} 15 h.
4	992·2	977·6	78·0	75·7	80	76	1·1	0·3	7·5	7·1	84	96	20 4	6 4	5	10●	13·2	2·1	76	● 13 h. 30 m.–24 h.
5	983·4	988·1	77·4	78·3	82	75	0·6	0·9	7·8	7·8	92	88	26 3	24 3	7	10	—	6·0	75	● 3 h.–5 h. 30 m. Fine a. and p.
6	993·2	1002·3	79·1	77·4	82	77	1·7	1·1	7·5	7·1	79	83	26 5	26 3	10	0	2·0	1·7	75	Overcast till 13 h.
7	1006·1	1007·8	78·7	77·4	81	76	1·0	0·4	7·8	7·8	88	93	22 4	20 2	10	7	1·0	2·2	73	Bright and clear. ● showers.
8	1000·6	996·2	77·8	78·7	80	76	1·1	1·1	7·1	7·8	86	87	10 5	18 3	10	9	1·3	—	74	● 7 h.–9 h., and 14 h.–18 h.
9	998·6	1002·7	78·5	78·2	82	77	1·1	0·8	7·8	7·8	86	89	14 2	— 1	9	9	1·1	1·3	75	Dull. ● showers 19 h. 30 m.
10	1007·1	1011·1	77·9	78·4	81	76	0·8	0·3	7·5	8·5	87	97	8 3	8 3	7	10	—	2·5	74	Bright, but hazy a.
11	1017·2	1020·3	77·9	77·7	81	77	1·3	0·8	7·1	7·5	82	88	8 3	— 1	10	7	—	3·4	77	Dull a. and p.
12	1018·9	1012·1	79·5	80·6	81	77	0·9	0·4	8·5	9·8	86	95	20 4	20 5	10●^{0}	10●	5·8	—	75	●^{0} 11 h.–19 h., then ●.
13	1012·8	1012·1	81·8	82·5	83	80	0·6	0·6	10·5	10·9	93	92	24 5	18 2	8	10	1·0	0·7	80	● shower 4 h. Dull.
14	1009·4	1006·7	81·2	80·7	x85	80	1·0	0·8	9·5	9·2	87	89	20 3	18 4	7	10	2·8	4·3	80	●^{0} 3 h.–6 h. 30 m.
15	1002·7	1007·1	79·4	76·3	81	76	1·0	1·7	8·2	5·8	86	74	22 2	26 2	5	0	0·4	3·9	76	●^{0} 0 h.–6 h. ▲ 10 h. 15 m.
16	1005·7	996·6	76·8	79·6	81	74	1·1	1·0	6·8	8·5	85	86	24 2	14 4	6	10●^{0}	4·2	2·1	71	Dull and cloudy.
17	988·8	983·7	80·1	80·0	82	79	0·6	1·6	9·2	7·8	92	79	10 3	12 2	10●^{0}	9∞	5·9	0·2	78	● 6 h.–10 h., and 14 h.–15 h.
18	979·6	979·3	78·6	78·0	80	77	0·2	0·9	8·8	7·5	97	87	8 3	— 1	10●	10	4·1	0·5	77	Overcast, with ∞●.
19	980·0	982·4	76·4	77·4	82	75	0·5	1·1	7·1	7·1	91	83	— 1	16 3	10∞	10	4·3	3·9	72	Fine.
20	985·7	990·1	75·6	76·5	80	74	0·4	1·2	6·8	6·5	93	82	22 3	20 3	10✻●	2	1·2	0·1	74	✻● 9 h.–12 h.
21	983·4	982·4	76·1	77·4	79	74	1·9	0·5	5·4	7·8	72	92	8 7	8 6	7	10●^{0}	2·0	0·7	74	● 18 h.–20 h., then ●^{0}.
22	990·8	1003·3	79·1	77·9	82	77	1·8	1·2	7·1	7·1	77	83	4 5	— 0	4	8∞	—	5·1	76	●^{0} 0 h.–4 h. ∞ n.
23	1003·3	996·2	76·4	79·1	82	n73	1·2	1·8	6·5	7·1	82	76	— 1	8 2	7∞	10	—	2·5	n70	⌴≡^{0}. Bright, then dull.
24	1000·3	1001·0	78·7	81·1	82	77	0·7	0·8	8·2	9·8	91	90	6 2	20 4	10	8	0·7	—	77	● shower 19 h. 30 m.
25	1009·1	1012·1	82·4	82·7	x85	80	1·3	0·3	9·8	11·5	83	95	20 5	22 3	7	9	6·7	1·9	77	● shower 1 h. ● 20 h.–24 h.
26	1011·8	1010·8	82·6	80·1	x85	80	0·2	1·1	11·5	8·5	97	86	18 6	18 3	10●^{0}	10	6·2	—	81	● a. and p. Ⓣ 22 h.
27	1010·5	1009·1	81·5	80·7	84	79	2·3	0·5	7·8	9·8	72	94	24 7	18 2	7	10●	2·8	7·7	78	● 4 h.–6 h., and 20 h.–24 h.
28	1010·5	1013·8	81·2	76·7	83	75	2·7	1·0	7·1	6·8	67	86	24 9	24 5	6	4	5·9	7·7	78	Showery. ▲^{0} 14 h. ▲^{2} 17 h.
29	1013·8	1006·4	77·9	76·1	80	76	1·1	0·5	7·1	7·1	84	91	22 8	24 6	9	9	9·5	0·7	74	●^{2} 10 h. ꓘ 18 h.
30	1007·1	1006·7	77·9	77·8	81	75	0·9	0·5	7·5	8·2	86	93	24 7	18 4	10●^{0}	10	9·7	6·4	74	● showers a.
31	997·9	1004·0	77·4	75·0	80	75	0·4	2·1	7·8	4·8	93	68	26 2	2 2	10●^{0}	4	4·3	—	77	Overcast.
Mean	999·8	999·6	79·0	78·8	81·7	76·8	1·1	0·9	8·0	8·0	86	87	4·1	3·0	8·2	8·2	108·6	2·43	75·8	
Mean Barometer at Station Level.	992·9	992·7																		

COCKLE PARK (NEAR MORPETH), NORTHUMBERLAND.—MARCH 1912.

Heights above Mean Sea Level:—Station, H = 98·7 m.; Barometer, H_b = 100·8 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 55° 13′ N. Long. 1° 41′ W. *Time*, Local mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †	Wind 21 h. †	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1001·7	991·2	80·7	81·2	83	78	0·9	0·8	9·2	9·5	89	89	16 3	14 2	9	8	0·8	0·2	76	Cloudy ● 13 h.–18 h.
2	995·2	988·1	81·7	81·4	85	78	2·0	1·1	8·5	9·5	75	86	22 5	14 4	3	10●	0·8	4·5	76	Fine a. ● 16 h. and n.
3	985·7	994·2	80·2	78·5	82	79	1·1	1·1	8·5	7·8	85	86	24 4	22 6	7	3	0·5	4·2	76	● n. ● showers. Fine n.
4	995·2	980·3	79·6	76·3	80	75	2·2	0·1	7·1	7·8	72	99	22 4	Calm 0	3	10	10·9	2·2	72	Fine a. Overcast, with ● p.
5	981·7	988·1	77·5	75·5	81	75	0·7	1·4	7·5	5·8	89	78	26 4	24 4	9	3	0·3	1·7	72	● showers a. Cloudy.
6	992·2	1000·6	80·3	76·8	82	75	1·8	1·4	7·8	6·5	76	81	28 5	28 5	3	1	—	5·8	72	Fine.
7	1007·8	1008·8	77·4	75·7	81	74	1·1	0·5	7·1	6·8	85	92	28 3	24 3	4	2	—	5·3	71	Fine.
8	1005·0	999·6	76·4	75·9	79	75	0·4	0·4	7·1	7·1	93	94	12 2	16 2	9	1	0·3	—	72	Overcast. ● 13 h.–14 h. Fine n.
9	1002·3	1006·1	78·1	77·8	82	74	0·9	0·4	7·8	8·2	88	93	12 3	16 2	8	10	0·5	1·4	70	Cloudy. ● showers 17 h.
10	1008·8	1012·5	79·1	77·4	80	76	0·3	0·1	8·8	8·2	95	99	12 2	Calm 0	9	10	—	0·1	75	● showers n. Overcast.
11	1016·2	1020·3	77·7	75·9	82	75	1·1	0·6	7·1	6·8	84	92	30 1	20 2	9	1	—	4·9	74	Fine.
12	1022·7	1018·6	78·4	80·3	81	74	1·0	1·3	7·8	8·5	87	82	18 3	20 4	9	7	0·3	—	70	Overcast.
13	1013·5	1013·5	83·6	80·2	86	80	1·3	1·1	10·9	8·5	85	85	26 4	28 3	8	6	—	3·7	78	● showers n. Fine.
14	1011·1	1009·8	83·7	79·0	84	79	1·6	0·4	10·5	8·8	81	94	24 3	22 1	8	6	1·0	—	76	Overcast.
15	1004·0	1006·1	79·5	77·4	81	77	0·9	0·9	8·5	7·1	86	86	24 2	28 2	9●^{0}	6	0·5	—	76	● showers.
16	1007·1	1002·3	78·8	77·8	83	73	1·7	0·5	7·1	8·2	78	92	26 4	12 3	2	6	0·8	8·8	70	Fine and clear.
17	991·8	985·7	81·4	78·8	82	77	0·9	0·0	9·8	9·2	89	100	12 3	12 4	9●	10●^{0}	4·8	—	73	● showers.
18	980·7	979·3	78·0	77·0	80	77	0·4	0·6	8·2	7·5	95	92	12 2	28 1	10●	8	1·5	1·8	77	● showers.
19	979·3	985·7	78·7	75·4	82	75	1·3	0·6	7·5	6·5	84	89	24 4	24 3	4	1	0·5	5·8	73	Fine and clear. ● p.
20	986·1	994·2	77·8	74·3	79	74	1·3	0·8	7·1	5·8	83	84	28 4	16 2	7	2	0·8	0·7	70	● showers.
21	987·1	980·7	75·6	77·6	77	n71	0·8	0·0	6·5	8·5	87	100	12 5	12 3	8	10●	7·4	0·2	n67	● showers a. ● p.
22	988·4	1002·0	78·2	76·8	80	76	0·8	1·0	7·8	6·8	90	85	32 3	30 4	9	6●	1·0	2·9	75	● showers.
23	1004·4	999·3	79·1	77·4	82	73	1·8	0·4	7·1	7·8	78	94	20 2	12 3	2	9	1·3	8·2	70	● showers n. Fine.
24	1001·3	1004·0	80·2	81·5	83	77	1·1	1·2	8·5	9·5	85	84	10 1	22 3	9	8	—	0·5	75	Cloudy.
25	1011·5	1015·2	85·0	82·5	87	80	3·0	0·7	9·2	10·9	67	91	24 4	20 3	4	7	0·3	4·6	77	Fine. ● 14 h.
26	1015·9	1012·5	84·9	79·7	86	80	2·5	1·1	9·8	8·2	72	84	20 4	20 4	7	7	0·3	3·8	79	Fine. ● showers 21 h.
27	1009·8	1012·5	82·3	80·0	x88	80	3·5	0·9	7·1	8·8	60	88	24 6	24 2	3	10	1·8	7·6	75	Fine day. ● showers n.
28	1009·1	1013·8	82·6	76·4	87	75	2·6	1·3	8·2	6·1	69	80	28 5	28 6	5	1	—	7·7	78	Fine.
29	1014·2	1009·8	78·8	77·1	81	75	1·9	0·3	6·8	7·8	75	96	28 6	28 5	3	3	1·5	7·9	72	Fine. ● showers p.
30	1005·7	1009·1	78·1	78·2	82	75	0·1	1·4	8·8	7·1	98	81	28 6	24 2	2	10	2·0	9·1	72	Fine, cold day. ● n.
31	999·3	1001·3	79·6	74·2	80	74	0·9	1·3	8·5	5·1	87	77	24 1	30 3	10	8	8·4	—	75	● showers.
Mean	1001·1	1001·5	79·8	77·9	82·3	75·9	1·4	0·8	8·1	7·8	83	89	3·5	2·9	6·5	6·1	48·3	3·34	73·7	
Mean Barometer at Station Level.	988·9	989·1																		

* Metres per second. † Beaufort Scale (0—12).

Douglas, Isle of Man, a.—March 1912.

Heights above Mean Sea Level:—Station, H = 84·5 m.; Barometer, H_b = 86·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·25 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second). 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200+ °	
1	998·3	988·1	80·2	80·2	83	80	0·0	0·0	10·2	10·2	100	100	14	3	20	2	10●≡	10●≡	4·9	0·5	79	Wet and foggy. ≡² 18 h.–22 h.
2	996·2	986·4	81·3	80·2	82	79	0·3	0·2	10·5	9·8	96	97	16	6	18	3	10	9	13·5	—	77	Wet and foggy. 13 h.–20 h.
3	988·4	996·9	79·7	79·2	82	79	0·9	1·2	8·5	7·8	86	83	24	5	22	4	6	0	—	6·0	77	Fine.
4	992·2	974·6	78·6	79·1	81	77	1·1	0·2	7·8	9·2	86	97	16	5	4	2	10	10●	5·9	0·4	75	Overcast and wet.
5	987·8	990·1	78·7	78·0	82	78	1·1	0·6	7·8	8·2	86	92	26	6	28	1	6	2	—	5·7	76	Cloudy and squally a. Fine p.
6	996·2	1005·4	78·1	79·1	82	76	0·9	1·5	7·8	7·5	88	80	28	4	26	2	8	3	—	7·5	74	✱● 5 h. ⌴. ●▲ 20 h.
7	1009·1	1009·1	78·1	78·8	82	76	1·2	0·9	7·1	8·2	83	89	24	6	28	2	8	6	4·0	7·0	72	⌴ early. Squally. ⌴ n.
8	998·9	998·3	78·0	79·7	82	78	0·5	1·1	8·2	8·2	94	84	12	6	18	4	10●	3	8·4	4·1	74	Squally and wet a.
9	999·3	1002·3	77·2	79·6	82	76	0·4	0·6	7·8	8·8	94	92	14	2	14	2	8	4	—	5·0	75	● before 9 h. Fine.
10	1006·7	1010·5	79·7	79·0	82	79	0·6	0·6	9·2	8·5	92	92	10	2	6	1	8	0⌒	—	6·1	76	Very fine. ≡⁰⌒ p.
11	1015·9	1021·3	78·6	76·9	83	76	0·6	0·6	8·5	7·5	92	92	6	1	28	1	9	0⌴	—	6·5	72	⌴ a. and p. Very fine.
12	1023·0	1017·2	79·4	80·5	81	77	0·3	0·2	9·2	10·2	96	97	18	3	18	7	10	10●	13·8	—	72	⌴ a. Squally and wet.
13	1015·5	1014·5	82·5	80·8	x84	80	0·3	0·0	11·5	10·5	96	100	26	3	20	1	9	10≡	1·9	0·7	79	≡² at intervals.
14	1012·1	1008·8	80·7	80·3	82	80	0·2	0·1	10·2	10·2	98	99	22	1	18	2	10	10	0·3	0·2	79	≡² till 9 h.
15	1004·7	1009·4	78·9	75·9	81	76	0·9	1·1	8·2	6·1	88	83	24	2	28	1	7	0⌴	0·4	5·4	76	● 7 h.–8 h. Squally. ▲ p.
16	1007·4	997·9	79·2	79·6	81	75	1·3	0·1	7·8	9·5	82	99	18	3	14	4	9	10●	13·2	2·5	71	⌴~ a. Wet and squally p.
17	990·1	984·4	79·8	79·5	81	79	0·1	0·9	9·8	8·5	98	87	16	4	16	2	8	7	0·4	4·0	78	Squally and showery a. ⌴ n.
18	979·3	979·6	79·1	76·6	81	76	1·4	0·6	7·8	7·1	83	90	16	2	28	1	8	1⌴	0·5	5·9	75	●⁰ 11 h. ▲● 19 h.
19	981·0	985·1	78·7	75·2	80	75	0·6	0·3	8·5	6·8	93	95	22	3	20	7	8	10●✱	8·9	3·6	71	⌴~ a. ▲● a. ✱● p.
20	990·1	992·2	76·9	77·8	80	n74	1·2	1·0	6·8	7·5	83	85	24	7	16	2	10	6	4·7	5·2	72	●✱ early. Fine afternoon.
21	979·0	979·0	74·2	77·2	80	n74	0·0	0·8	6·8	7·5	100	90	10	10	4	3	10✱●	3	1·7	1·4	73	Stormy a. ✱● a. Fine p.
22	988·8	1003·7	78·5	78·1	82	76	1·0	1·4	7·8	7·1	88	81	4	2	4	1	9✱●	1	—	4·2	72	⌴ early. Fine.
23	1002·7	994·5	78·6	78·6	81	75	0·6	0·0	8·5	9·2	92	100	10	3	10	5	10✱●	10	7·7	0·6	n70	⌴~ early.
24	999·6	1005·4	80·1	81·6	83	79	0·4	0·0	9·5	11·2	94	100	2	2	22	3	10	10●	0·6	1·2	76	≡ a. ●⁰✱ after 17 h.
25	1011·8	1015·2	81·4	81·4	82	81	0·1	0·0	10·9	11·2	99	100	18	2	20	3	10●≡	10●≡	1·1	—	79	≡● showers. ≡² 17 h.–20 h.
26	1016·6	1014·9	81·9	79·7	83	80	0·5	0·2	10·5	9·5	94	98	20	4	18	2	10	10●	1·7	0·6	80	Cloudy and squally. ● after 19 h.
27	1015·5	1012·8	81·4	80·8	x84	79	1·3	0·0	9·2	10·5	83	100	24	7	20	4	6	10●	8·9	3·8	77	Squally. ● after 15 h.
28	1015·2	1019·3	81·4	78·8	83	79	2·3	2·0	7·8	6·8	72	74	26	6	24	6	6	2	—	7·0	79	●▲ showers.
29	1021·0	1013·2	79·0	79·1	81	77	1·6	2·0	7·5	6·8	79	73	24	6	26	10	8	3	1·4	4·4	75	●▲ showers p. ⌒
30	1013·8	1010·5	79·7	79·2	82	77	2·0	0·3	7·5	8·8	74	94	24	7	24	6	4	10	5·8	8·8	75	Squally. ● showers p.
31	1000·3	1000·6	78·1	76·1	82	76	0·2	0·5	8·5	7·1	97	93	22	4	4	7	10●	10●✱	2·1	1·4	76	Squally and wet. ●⁰✱ n.
Mean	1001·8	1001·3	79·3	78·9	82·0	77·3	0·8	0·6	8·6	8·6	90	91	4·1		3·3		8·5	6·1	111·6	3·54	75·2	
Mean Barometer at Station Level.	991·3	990·8																				

Stonyhurst, Lancashire, a.—March 1912.

Heights above Mean Sea Level:—Station, H = 114·3 m.; Barometer, H_b = 110·6 m. Heights above Ground:—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 53° 51′ N. Long. 2° 28′ W. *Time*, Local mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Press. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Grass	Remarks
1	1002·0	991·2	81·3	81·9	85	80	1·1	1·5	9·5	9·2	86	81	16	7	16	8	10●	10	7·9	1·7	79	● showers a. Fine p. ● n.
2	999·3	988·4	81·9	82·0	84	79	1·1	1·2	9·8	9·5	86	85	18	5	16	9	8	10	14·5	0·2	77	● noon–14 h.
3	989·5	998·3	78·2	80·0	82	78	0·7	1·4	8·2	8·2	92	81	20	6	20	5	10●²	8	0·3	1·7	76	●² 7 h.–10 h.
4	997·2	977·6	78·1	79·6	82	76	1·1	1·0	7·5	8·5	85	86	14	5	16	9	8	10	13·7	0·4	74	Passing showers. ● in evening.
5	985·1	990·5	78·9	77·4	81	76	1·4	0·5	7·5	7·8	82	92	24	7	—	0	10	8	0·8	3·7	76	Squally.
6	994·9	1003·7	78·4	78·0	81	76	1·0	1·1	7·8	7·5	88	84	24	6	24	4	10●	0	—	4·5	74	Sunny intervals.
7	1010·5	1011·8	78·8	77·4	80	76	1·1	1·1	7·8	7·1	87	84	24	5	22	2	5	0≡⁰<	0·6	3·0	74	Sunny intervals.
8	1003·7	1001·0	78·8	77·4	81	76	1·5	1·0	7·5	7·1	81	86	14	5	—	1	10	0	2·1	0·6	72	● showers. Clear n.
9	1002·3	1004·4	78·5	78·6	83	76	1·1	0·8	7·8	8·2	86	90	16	7	—	1	10●	10	9·4	2·2	74	Sunny intervals. ☈ 16 h.–17 h.
10	1007·1	1010·5	78·6	78·7	81	78	0·5	0·7	8·5	8·2	94	90	4	2	2	2	9	5	—	0·2	76	Fair.
11	1016·6	1022·0	76·3	77·8	83	76	0·5	0·5	7·1	7·8	91	92	2	2	—	1	8	0≡⁰	—	1·4	74	⊕ 7 h. 45 m. Fine. ≡⁰ n.
12	1025·0	1020·6	78·0	79·8	81	76	0·6	1·2	8·2	8·2	92	83	—	0	18	6	10≡⁰	10●	14·0	—	73	Dense mist. ● 19 h.–midt.
13	1016·2	1016·2	81·8	81·9	84	80	0·6	0·6	10·5	10·5	93	93	24	5	—	0	10≡⁰	10	—	—	75	Fair generally.
14	1013·2	1010·5	83·0	80·2	84	80	1·6	0·4	9·8	9·5	81	94	20	3	—	0	10	10●	13·7	—	78	Mild. ● 14 h.–midt.
15	1005·4	1008·4	79·3	77·5	81	77	0·6	1·7	8·5	6·5	91	75	—	1	26	3	10≡⁰●	5	0·6	1·0	76	Sunny intervals.
16	1009·1	1001·0	77·4	79·3	81	73	1·2	1·0	6·8	8·2	82	85	—	1	16	6	10●	10●	3·6	3·8	n69	⌴ a. ● n.
17	991·8	985·4	81·0	79·7	83	79	2·9	1·1	7·1	8·2	66	84	16	7	—	1	10●	10	1·8	0·3	76	● showers. Distant T.
18	980·7	979·6	79·1	77·4	81	76	1·7	0·8	7·5	7·5	78	88	16	3	—	1	6	10●	2·8	3·5	72	Fine a. ● 18 h.–midt.
19	982·0	988·4	79·1	75·1	80	75	1·7	1·0	7·5	6·1	78	84	20	4	22	2	9	6	25·9	2·9	73	Showers. Sunny intervals. ▲ [20 h.–21 h.
20	990·8	994·9	75·4	74·7	82	74	1·3	1·5	5·8	5·1	80	75	22	8	—	1	10✱²●	0	7·4	4·7	72	▲✱● 2 h.–noon.
21	983·0	979·3	74·2	75·6	77	74	1·8	0·8	4·8	6·5	70	87	8	4	32	3	10✱²	10	1·8	0·4	n69	✱● a.
22	987·8	1003·0	77·6	76·6	81	76	1·1	1·6	7·1	6·1	85	76	—	1	—	1	10	0	—	1·0	72	Dull and overcast. Showers n.
23	1005·4	996·9	74·7	78·2	81	n72	1·1	1·3	5·4	7·1	80	82	—	1	10	2	10	10	5·1	0·3	n69	Fine and frosty.
24	1000·3	1007·1	79·0	81·3	82	78	0·8	1·1	8·2	9·5	88	86	—	1	20	2	10	10●	2·8	—	75	Showery all day.
25	1013·2	1017·6	83·6	83·1	85	81	1·2	0·7	10·9	11·2	86	92	20	3	20	4	8	10	3·4	0·1	79	Fine a., then ●.
26	1018·9	1016·2	83·6	83·0	x86	81	2·3	2·2	9·5	9·2	74	74	18	6	20	6	9	10●	4·9	3·0	79	Showers. Sunny intervals.
27	1015·9	1015·5	81·3	80·4	83	80	1·6	0·7	8·5	9·2	79	90	22	8	20	3	10	10●	24·4	2·2	78	Squally. ●² 19 h.–22 h.
28	1013·8	1019·6	81·9	78·3	83	77	1·1	1·4	9·8	7·1	86	81	24	8	22	4	8	5	—	6·2	75	Fine all day.
29	1021·3	1013·5	79·4	80·2	81	77	2·0	2·0	7·1	7·5	74	74	24	10	22	10	6	10	—	3·7	75	Sunny intervals. < 21 h. T 22 h.
30	1014·2	1012·5	79·2	79·3	81	76	1·9	0·7	7·1	8·5	75	90	24	8	22	4	6	8	16·5	3·5	74	▲ 14 h.–15 h. ● 19 h.–21 h.
31	1002·0	998·9	78·0	76·9	80	77	0·6	1·6	8·2	6·5	92	78	20	4	4	3	10	10	5·1	0·2	73	● a. Cloudy and cold.
Mean	1003·2	1002·7	79·2	79·0	82·0	77·0	1·3	1·2	8·0	8·0	83	85	4·6		3·4		9·0	7·3	183·1	1·82	74·5	
Mean Barometer at Station Level.	989·8	989·3																				

* Metres per second. † Beaufort Scale (0—12).

Shrewsbury, Shropshire.—March 1912.

Heights above Mean Sea Level:—Station, H = 57·9 m.; Barometer, H_b = 64·7 m. Heights above Ground:—Therms., h_t = 1·2 ft.; Rain-gauge, h_r = 0·3 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200+ °	
1	1002·7	993·9	82·4	83·0	84	80	0·8	2·1	10·5	9·2	90	75	12	3	18	5	7	8	0·5	—	77	Dull and gusty, with ●.
2	1001·3	990·8	83·0	82·0	83	80	0·0	0·7	12·2	10·5	100	92	20	3	18	3	7	8	1·5	—	77	Dull, with ●.
3	992·5	1000·0	81·3	80·2	84	79	1·6	1·1	8·5	8·5	79	85	18	3	20	3	8	8	1·3	—	76	Fine afternoon and p.
4	998·3	980·3	77·5	80·8	82	76	0·1	0·7	8·5	9·5	98	92	14	4	20	4	8	7	8·9	—	74	T▲●
5	989·8	992·8	80·0	76·9	84	76	1·4	0·1	8·2	7·8	81	98	24	3	20	3	5	10	5·1	—	76	Clear a. ● p.
6	997·2	1005·4	78·6	77·0	82	76	1·1	1·2	7·8	6·8	86	82	20	2	20	1	5	0	0·1	—	74	Fine and bright.
7	1012·5	1013·2	78·8	75·2	84	75	0·8	0·5	8·2	6·5	89	91	20	2	24	2	5	5	—	—	73	Misty a. Fine.
8	1003·0	1002·3	78·6	77·9	82	75	0·6	0·9	8·5	7·5	92	88	12	3	16	2	8	0	2·5	—	74	▲ storm 17 h. 30 m.
9	1002·3	1004·4	80·3	79·1	84	76	0·6	0·5	9·2	8·8	91	92	16	2	16	2	5	8	7·9	—	73	Clear a. ● p.
10	1006·1	1009·8	79·0	77·3	82	77	0·0	0·0	9·5	8·5	100	100	18	2	18	1	10	5	—	—	77	Damp and misty to ≡ p.
11	1012·8	1021·3	78·3	74·7	81	74	0·3	0·0	8·5	6·8	96	100	18	1	16	1	10	5	—	—	75	≡ most of day.
12	1026·0	1023·0	74·7	80·6	83	n72	0·0	0·9	6·8	9·2	100	88	20	1	18	2	5	10	2·3	—	74	≡ a. Fine.
13	1017·2	1016·9	84·1	84·0	x87	80	1·6	1·0	10·9	11·5	81	87	24	2	24	2	7	7	—	—	79	Fine.
14	1014·5	1010·5	84·1	82·7	84	81	1·7	0·3	10·5	11·5	80	96	24	2	20	2	5	10	12·4	—	80	Fine.
15	1006·4	1009·8	79·1	75·9	84	75	0·4	0·2	8·8	7·1	94	96	20	2	20	2	8	8	3·6	—	79	● a., then fine.
16	1010·1	1002·0	79·1	79·1	82	74	1·7	0·5	7·5	8·8	78	92	24	2	18	2	4	5	1·0	—	72	⌴
17	992·8	986·8	81·3	78·6	85	77	1·0	0·6	9·5	8·5	87	92	16	3	16	2	6	2	2·8	—	78	Dull a.
18	981·7	980·3	77·2	77·5	81	75	0·6	0·5	7·5	7·8	92	92	16	2	14	2	5	5	0·8	—	73	⌴
19	984·4	990·8	78·6	74·8	82	74	1·2	0·7	7·8	6·1	85	88	24	2	20	2	5	0	—	—	74	Fine.
20	994·9	996·9	78·0	74·7	83	74	1·8	0·6	6·5	6·1	76	90	24	2	24	2	5	0	3·3	—	72	Fine.
21	981·0	977·6	77·4	79·7	84	74	0·4	0·6	7·8	9·2	94	92	12	2	14	1	7	8	1·0	—	72	⌒ 14 h.
22	988·8	1003·0	80·1	77·5	81	77	1·5	0·6	8·2	7·5	79	90	20	2	24	1	8	2	—	—	77	Dull.
23	1004·4	997·9	76·9	78·9	79	73	0·6	0·0	7·1	9·2	92	100	20	1	14	1	10	8	8·6	—	n71	● 9 h.–18 h.
24	1001·3	1008·4	82·4	84·1	84	76	1·2	1·1	9·8	11·5	85	86	24	2	20	2	8	7	0·1	—	77	Dull. ●⁰ evening.
25	1014·9	1019·3	84·7	83·6	x87	81	0·7	1·5	12·6	10·5	91	82	20	1	20	2	8	2	0·5	—	80	Dull. Fine n.
26	1021·3	1018·9	84·4	82·5	x87	82	2·8	1·6	9·2	9·5	69	79	20	2	20	2	5	3	1·5	—	80	Dull a., then fine.
27	1018·9	1017·6	83·0	81·3	84	80	2·2	1·3	9·2	8·8	74	83	24	3	24	2-4	5	6	—	—	77	Fine a. Gusty. Ш 21 h.
28	1016·6	1021·6	85·2	79·2	86	79	1·5	1·8	11·5	7·1	81	77	24	2	24	2	8	3	—	—	80	Dull and gusty.
29	1024·0	1019·9	80·2	79·9	84	75	3·0	0·7	6·5	9·2	63	91	24	3	24	2	5	8	0·5	—	73	Gusty.
30	1017·6	1014·9	81·3	79·7	83	77	2·1	1·1	8·2	8·2	74	84	24	3	24	2	8	7	0·5	—	74	Dull a. ● showers. Ш
31	1003·7	997·2	79·8	79·7	84	79	0·7	0·6	8·8	9·2	91	92	20	2	26	2	7	10	6·1	—	77	Dull. ● showers.
Mean	1004·5	1004·1	80·3	79·3	83·5	76·7	1·1	0·8	8·8	8·6	86	89	2·2		2·1		6·7	5·6	72·8	—	75·6	
Mean Barometer at Station Level.	996·6	996·2																				

Cambridge, a.—March 1912.

Heights above Mean Sea Level:—Station, H = 12·8 m.; Barometer, H_b = 13·1 m. Heights above Ground:—Therms., h_t = 1·2 m.; Rain-gauge, h_r = 0·3 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Press. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Grass	Remarks
1	1009·1	1000·0	82·7	83·6	84	80	1·3	1·4	10·2	10·5	84	83	14	3	16	6	9	4	—	—	76	Overcast and squally.
2	1005·7	995·6	82·5	83·6	86	81	1·3	1·2	9·8	10·9	83	85	16	2	16	4-5	9	9	—	1·0	76	Sunny a., then overcast.
3	994·9	1001·7	82·3	78·6	84	79	1·9	0·9	9·2	8·2	77	89	20	5	22	2	7	5	—	5·5	75	Beautiful day.
4	1003·3	986·8	79·1	80·8	81	76	0·6	1·9	8·5	8·2	90	76	16	2	16	6-7	10⌒²	8●⁰	9·4	0·2	72	●⁰ after 9 h. 30 m. ☈ 16 h.
5	988·1	992·8	80·8	78·0	85	78	1·6	0·3	8·5	8·5	80	96	24	6-7	20	1	9	10●⁰	5·1	3·0	75	⟋ n. ●⁰ till 10 h. ● from 18 h.
6	996·2	1003·0	78·9	77·5	83	77	0·9	0·7	8·2	7·5	88	90	24	3	24	1	8	0	—	4·4	75	Sunny a., then overcast.
7	1011·5	1013·8	79·1	75·8	84	75	1·4	0·8	7·8	6·5	81	87	24	2-3	16	1	0	0	—	8·5	70	Beautiful day.
8	1009·1	1004·4	78·6	78·6	81	73	1·0	1·1	7·8	7·8	88	86	12	2	16	2	9	0	1·5	—	n69	Gloomy. ●⁰ 14 h.–16 h. Clear.
9	1006·7	1007·1	80·4	79·7	85	76	0·8	0·7	9·2	8·8	89	90	12	3	14	2-3	5	0	0·3	7·0	71	● 5 h. Sunny till 15 h.
10	1006·1	1008·8	81·1	78·4	85	78	0·9	0·3	9·5	8·5	89	96	12	1	Calm	0	9	5	—	1·0	72	Overcast most of day.
11	1015·2	1021·6	74·6	77·9	79	74	0·0	0·7	6·8	7·8	100	91	32	1	28	1	10≡³	8	—	—	71	Overcast and gloomy.
12	1026·4	1025·0	75·8	79·1	82	75	0·0	0·4	7·5	8·8	100	94	20	1	Calm	0	10≡¹	0	1·0	—	72	≡ a. Overcast and gloomy.
13	1018·6	1017·2	81·6	83·2	85	79	0·8	0·2	9·8	12·2	89	98	16	3	20	2	10	8	—	—	75	Overcast and gloomy.
14	1016·2	1013·5	83·9	83·1	87	82	0·9	0·9	11·5	10·9	89	89	20	1	20	3	10	9	0·3	0·3	79	Overcast most of day.
15	1007·1	1007·1	82·3	76·9	84	76	1·0	0·6	10·2	7·5	87	92	14	2	22	3	9	3	3·3	—	79	●⁰ a. and p. Overcast. ⌒ 17 h.
16	1010·1	1005·4	78·6	79·7	83	74	1·7	0·6	7·1	9·2	78	92	20	3	20	1	0	10●⁰	1·5	7·0	71	Sunny till 15 h. ● 20 h. 30 m.
17	997·6	988·4	80·8	80·0	81	79	1·2	0·2	8·8	9·5	85	97	16	4-5	20	1	9	10●⁰	5·3	—	77	●⁰ a. and 14 h. 30 m.–21 h.
18	982·4	976·3	80·0	78·6	82	75	1·4	0·0	8·2	9·2	80	100	12	2	28	2	6	10●⁰	2·3	—	72	● 11 h.–21 h.
19	985·1	990·8	79·1	77·4	84	75	1·1	0·9	8·2	7·5	85	87	20	3	16	3	5	10	5·3	6·0	72	Bright till 10 h. ● 13 h. 30 m.
20	994·9	997·9	79·1	75·0	83	74	1·8	0·3	7·1	6·8	77	95	20	4-5	Calm	0	5	0	2·8	6·3	72	Sunny day.
21	985·4	979·6	78·6	80·3	86	74	0·6	1·0	8·5	8·8	92	86	14	6	8	2	10●	10●	9·4	3·6	71	●² a. ☈ 14 h. △
22	986·1	1000·3	79·4	80·2	84	79	0·3	1·1	9·2	8·5	96	86	24	2	24	2	10●⁰	10	—	3·2	75	Overcast till 13 h.
23	1006·7	999·3	77·9	79·3	80	n71	1·1	0·1	7·5	9·2	85	98	12	1	10	2	10∞	10	7·4	—	n69	Overcast. ● 12 h.–18 h.
24	1001·0	1011·8	83·5	83·3	86	79	2·2	1·2	9·5	10·5	75	85	24	5-6	24	1	8	10	—	2·6	78	Sunny a., then overcast.
25	1016·2	1021·3	86·8	84·6	x90	83	1·5	0·8	12·9	12·2	83	89	20	2	20	3	9	9	—	2·5	79	Overcast till 13 h.
26	1023·7	1020·3	84·7	84·1	88	82	2·5	1·1	9·8	11·5	72	86	16	2	20	2	10	5Ш	—	1·8	78	Warm and pleasant. Ш p.
27	1018·9	1018·3	83·3	82·9	88	81	2·4	2·1	8·8	9·2	72	74	20	4-5	20	4	9	10	—	6·5	78	Overcast till 10 h. and from 18 h.
28	1015·5	1019·9	85·7	80·9	89	81	1·6	2·3	11·9	7·5	81	72	24	5	24	3	7	8	—	4·0	81	Sunny intervals.
29	1022·7	1018·6	81·0	78·6	85	76	2·4	1·5	7·5	7·1	71	80	24	5-6	20	5-6	1	2	—	10·8	71	Beautiful day.
30	1015·2	1015·5	81·3	76·5	85	76	2·2	0·6	7·8	7·1	73	90	20	7-8	Calm	0	2	2	—	11·5	73	Beautiful day.
31	1006·4	996·2	79·7	76·5	82	76	1·0	0·1	8·5	7·8	86	100	16	3	Calm	0	10	8	2·0	2·4	72	● 12 h.–14 h. Sunny later.
Mean	1005·9	1005·1	80·7	79·8	84·2	77·2	1·2	0·9	8·9	8·8	84	89	3·2		2·2		7·6	6·2	56·9	3·19	74·1	
Mean Barometer at Station Level.	1004·2	1003·5																				

† Beaufort Scale (0—12).

SOUTHAMPTON, HAMPSHIRE, a.—MARCH 1912.

Heights above Mean Sea Level:—Station, H = 19·5 m.; Barometer, H_b = 25·6 m. Heights above Ground:—Therms., h_t = 1·37 ft. Rain-gauge, h_r = 0·3 m. Lat. 50° 55′ N. Long. 1° 24′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.)		Air Temperature in Degrees Absolute.				Humidity. Dep. of Wet.		Vapour Pressure.		Percentage.		Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.)				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.				
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%					Tenths of Sky covered.		mm.	hr.	200 + °	
1	1009·8	1003·0	82·3	82·7	84	82	0·3	0·5	11·2	11·2	96	93	20	4	20	5-6	10	1	2·8	0·3	80	Cloudy, with ● showers till 16 h.
2	1008·4	995·9	82·9	83·8	85	82	0·4	1·3	11·5	10·9	95	85	20	5	20	6	10	10	3·4	1·3	79	Cloudy. ● showers 15 h. ● p.
3	998·6	1004·7	80·2	78·2	84	78	0·4	0·6	9·5	8·2	93	92	20	3	20	2	10	0	2·0	2·9	75	● showers 10 h.–14 h.
4	1004·4	990·8	80·8	81·4	84	78	0·6	1·5	9·8	8·8	92	80	20	5	20	6-7	10●⁰	10●	19·1	0·5	72	⌐● showers.
5	995·2	995·2	80·8	79·1	84	79	0·8	1·3	9·5	7·8	90	82	20	3	20	3	10●	0	6·1	1·8	79	● till 9 h. 30 m., and 14 h.–16 h.
6	1000·3	1006·4	79·1	78·7	85	76	1·1	1·3	7·8	7·5	84	83	20	2	28	2	4	8	—	7·0	71	⌴ a. ● 10 h.–noon.
7	1014·9	1016·6	76·6	76·4	84	n 74	0·5	0·4	7·1	7·1	92	93	28	2	28	2	0	0	1·8	7·4	n 67	⌴ a. ● 1 h. ▲ 1 h. 30 m. ⌓ p.
8	1010·5	1006·4	79·7	80·2	84	76	1·0	0·9	8·5	8·8	85	89	20	5	20	3	10	0	11·2	1·6	70	● 9 h.–14 h.
9	1003·0	1005·4	80·8	78·7	85	76	0·5	1·3	9·8	7·5	94	83	20	3	12	3	6	10●⁰	3·1	5·4	71	Bright a. ●⁰ from 21 h.
10	1006·1	1009·4	81·4	79·8	84	79	0·5	0·6	10·2	9·2	93	93	12	2	12	1	7	0	—	0·8	74	● till 3 h. Fair. ⌓ n.
11	1014·9	1021·6	78·0	80·6	86	76	0·3	0·8	8·5	9·2	96	90	12	2	4	1	0	0	—	3·2	71	Fine. ⌓ p. [misty.
12	1027·4	1027·1	76·6	80·2	81	76	0·2	0·4	7·5	9·5	97	94	24	1	20	1	10≡²	10	3·1	—	74	≡² n. and p.
13	1023·3	1019·6	81·6	83·4	84	80	0·2	0·3	10·9	12·2	97	97	20	3	20	1	10●⁰	10	1·3	—	79	● 1 h. 30 m.–6 h. Dull and
14	1018·6	1015·2	82·5	82·5	84	82	0·0	0·4	11·9	11·2	100	94	20	2	20	2	10	10●⁰	1·8	0·5	82	●⁰ 2 h.–3 h. Fair, but overcast.
15	1009·8	1013·5	80·8	77·4	83	77	0·6	1·6	9·8	6·5	93	76	24	2	4	2	10●	0	4·3	2·4	75	● till 4 h. and 8 h.–11 h.
16	1013·2	1006·4	77·4	80·6	83	n 74	1·0	0·7	7·1	9·5	85	90	24	2	20	3	3	10●	6·9	3·2	68	⌴ a. Bright a. Dull p.
17	996·6	988·4	80·2	79·5	83	80	0·4	0·5	9·5	8·8	93	92	20	3	20	3	10●	0	3·3	—	79	● till 11 h. ● showers from 17 h.
18	979·0	980·3	78·6	78·7	84	77	1·1	1·1	7·8	7·8	86	86	12	5	28	4	10●	10	6·6	0·2	72	● 8 h.–13 h. ● showers p.
19	990·1	992·5	79·0	75·0	83	75	1·5	0·2	7·5	6·8	80	96	24	4	24	3	6	3	4·1	3·5	72	● 5 h.–6 h. ●² 16 h. 30 m.
20	998·3	998·9	78·0	76·5	81	75	1·2	0·4	7·1	7·1	83	93	20	2	24	3	2	3●	7·6	4·4	69	Bright till 11 h. ▲ showers p.
21	986·4	979·3	81·3	81·4	85	75	0·4	1·6	10·2	8·5	94	79	20	5	20	5	10	10●	3·6	4·0	75	● early. ▲ 11 h. ⌈● p.
22	990·1	1002·7	80·8	79·5	85	80	1·6	1·1	8·5	8·2	80	84	24	3	24	2	6	0	1·0	5·2	78	Fine.
23	1007·8	1000·3	78·6	82·4	83	76	0·5	0·3	8·5	11·2	93	97	20	2	20	4	10	10●	5·3	0·2	72	● 10 h.–13 h., and from 20 h.
24	1005·7	1013·2	83·6	84·1	88	81	2·7	0·4	8·8	12·2	69	94	28	5	20	2	6	10	—	3·1	78	Fine.
25	1021·3	1024·7	84·1	83·1	86	83	0·4	0·5	12·2	11·5	94	95	20	2	20	1	10	10	—	—	84	Dull.
26	1027·1	1023·0	84·1	84·1	x 89	82	2·1	0·4	9·8	12·6	75	94	20	2	20	2	8	10	—	4·9	81	Bright mid-day.
27	1023·3	1022·3	82·7	82·7	x 89	82	1·3	1·0	9·8	10·5	84	87	28	3	20	2	5	10	—	7·4	79	Fine.
28	1020·6	1022·7	84·0	82·2	x 89	82	1·1	2·0	11·5	8·8	87	75	24	2	28	2	10	4⊔	—	1·3	81	Dull.
29	1027·1	1025·0	80·8	80·2	85	76	2·1	2·6	7·8	6·8	74	68	28	3	20	4	2	2	—	10·8	71	Fine and bright. ⊔ p.
30	1021·0	1019·3	81·4	79·6	86	78	2·2	2·2	7·8	7·1	73	72	28	3	20	2	1	10	—	9·8	75	Fine and bright. ⊔ p.
31	1007·8	995·9	81·9	80·2	82	77	1·7	1·1	8·8	8·5	79	86	20	4	20	3	10	10	9·7	0·5	73	● 11 h.–15 h. ▲ 11 h. 30 m.
Mean	1008·4	1007·2	80·7	80·4	84·6	78·2	0·9	0·9	9·2	9·1	88	87	3·0		2·8		7·3	5·8	108·1	3·02	75·0	
Mean Barometer at Station Level.	1005·2	1004·1																				

FALMOUTH, CORNWALL, a.e.—MARCH 1912.

Heights above Mean Sea Level:—Station, H = 50·9 m.; Barometer, H_b = 55·8 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·6 m Lat. 50° 9′ N. Long 5° 4′ W. *Time*, Greenwich mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	Dep. of Wet 21 h.	Vap. Pr. 9 h.	Vap. Pr. 21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 10 h.	Cloud 10 h.	Rain 10 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
1	1002·0	1004·0	83·7	83·2	85	82	0·5	1·8	12·2	9·8	94	79	17	7	21	10	10	7	2·8	0·5	—	● early a. Overcast. [p.
2	1004·0	993·2	83·4	81·8	85	81	1·0	1·7	11·2	8·8	88	80	17	7	20	11	10	7	6·6	—	—	Overcast.
3	996·6	1007·1	79·9	79·7	83	80	1·1	1·4	8·5	7·8	84	81	23	4	22	4	7●	2	13·5	2·7	—	▲² showers a. Sunny intervals
4	995·9	989·8	82·5	82·3	85	80	0·4	2·5	11·2	8·2	94	70	17	10	21	17	10●	10	3·6	1·5	—	⌈▲. Heavy squall and ⌈▲ 13 h.
5	997·6	997·6	81·6	79·0	82	77	3·0	1·7	7·1	7·1	64	78	22	6	24	7	9	2	8·6	3·6	—	●² 11 h.–noon. ● showers later.
6	1000·3	1009·4	79·2	79·6	82	78	1·5	2·0	7·5	7·1	80	74	—	1	30	2	7	1	1·8	5·6	—	Fine and bright p.
7	1017·6	1015·5	80·2	79·3	82	78	2·5	1·1	7·1	8·2	69	85	28	4	18	5	3	10	9·1	7·2	—	▲² showers in afternoon.
8	1002·0	1004·4	80·4	80·2	84	80	0·7	1·1	9·2	8·5	90	85	20	6	20	4	5	1	4·3	7·0	—	●² showers.
9	1002·0	1002·3	81·3	79·6	85	78	1·5	0·7	8·8	8·8	80	91	16	4	—	1	5	1	3·8	6·5	—	Bright and fresh. Shower 18 h.
10	1004·0	1008·1	81·9	80·7	82	78	0·7	0·6	10·2	9·5	92	93	12	2	—	1	10●	0	5·3	—	—	●² at times.
11	1014·9	1023·1	79·7	80·2	83	78	0·6	0·6	9·2	9·2	92	91	2	2	32	2	9	0	3·3	2·1	—	●² shower 12 h. 40 m.
12	1028·1	1026·7	80·9	81·9	84	78	0·7	0·7	9·8	10·2	92	91	—	1	20	5	3	10●	8·9	3·3	—	⊕ 10 h. and 12 h.
13	1021·6	1020·6	83·6	82·4	85	82	0·5	0·5	11·9	10·9	94	93	24	5	20	4	10	10	0·5	—	—	Dull and overcast.
14	1017·9	1012·5	82·9	82·6	84	81	0·5	0·4	11·5	11·2	93	94	20	5	18	5	10	10	9·1	—	—	Dull and damp.
15	1010·5	1015·5	79·8	77·3	81	77	2·1	1·4	7·1	6·8	73	80	26	6	24	3	5	0	2·3	7·8	—	▲● showers.
16	1012·5	1002·3	80·7	81·7	82	77	1·0	0·5	9·2	10·5	87	93	20	3	18	6	10	10●	12·4	—	—	Dull and damp. Wet p.
17	993·2	987·1	81·8	77·5	82	77	1·0	0·4	9·8	7·8	87	93	20	6	20	2	3	0	10·9	5·9	—	● early a. and n.
18	973·6	983·4	79·9	79·7	82	78	1·1	0·7	8·5	8·8	85	90	6	5	24	5	9	9	9·1	1·4	—	Overcast. Wet and stormy n. [14 h.
19	991·8	994·5	79·8	76·0	81	76	2·5	0·7	6·8	6·8	68	90	22	6	—	1	6	10▲	7·9	1·5	—	Much ●▲ during day. ● 13 h.–
20	1000·3	997·6	77·1	78·0	80	n 75	1·1	0·6	6·8	7·8	85	91	26	4	20	2	5	10	11·7	3·3	—	Cloud and sunshine.
21	982·0	982·7	81·3	80·8	82	79	1·7	1·5	8·5	8·5	78	82	18	10	24	7	9●	0	7·9	2·8	—	Heavy showers. T▲ at times.
22	994·5	1007·4	81·9	81·2	84	80	2·2	1·6	8·2	8·5	73	80	24	8	26	5	7	2	13·0	7·3	—	Stormy, with ▲● at times.
23	1002·3	1000·0	83·7	84·4	85	80	0·7	0·8	11·9	11·9	92	89	24	8	22	12	7	10	9·1	0·8	—	Fair a. Dull and very wet p.
24	1009·1	1014·5	83·6	84·0	85	83	1·1	0·3	11·2	12·6	87	95	22	4	20	8	10	10	2·0	—	—	Very dull and damp. Fair p.
25	1018·9	1022·3	84·2	83·7	x 86	84	0·3	1·3	12·6	10·9	96	85	20	7	18	4	10●	10	—	0·4	—	Dull and damp a.
26	1023·0	1023·3	84·6	83·4	x 86	83	1·1	0·9	11·5	11·2	87	89	16	4	20	2	9	9	—	3·1	—	Fair.
27	1024·7	1024·0	83·0	82·4	x 86	82	2·2	1·1	9·2	10·2	74	87	28	5	20	5	2	10	—	8·4	—	Bright and fresh.
28	1023·0	1026·0	83·6	80·9	x 86	80	0·8	1·6	11·5	8·5	90	80	24	6	30	2	10●	2	—	1·0	—	Dull a. and early p.
29	1030·1	1027·7	81·8	80·8	84	79	3·2	2·8	7·1	7·1	63	67	30	4	24	4	2	8	1·0	9·9	—	Fine and bright.
30	1024·3	1019·6	81·8	80·4	84	79	1·5	0·9	9·2	8·8	81	87	24	5	22	3	7	0	1·8	8·9	—	Fine and bright. [▲● 14 h.
31	1006·1	997·2	81·2	78·7	84	79	1·3	1·3	8·8	7·5	83	83	20	5	24	4	7	10	7·4	4·2	—	Sunny a. and late p.
Mean	1007·2	1007·7	81·6	80·7	83·7	79·2	1·3	1·1	9·3	9·0	84	85	5·2		4·9		7·3	5·8	177·7	3·44	—	
Mean Barometer at Station Level.	1000·5	1000·9																				

* Metres per second. † Beaufort Scale (0—12).

ARMAGH, a.—MARCH 1912.

Heights above Mean Sea Level:—Station, H = 59·8 m.; Barometer, H_b = 61·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.)		Air Temperature in Degrees Absolute.				Humidity. Dep. of Wet.		Vapour Pressure.		Percentage.		Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.)				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.				
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%					Tenths of Sky covered.		mm.	hr.	200 + °	
1	991·8	987·4	81·3	80·8	85	80	0·6	1·5	9·8	8·5	92	81	13	6	16	3	10	9	1·1	2·5	79	A few ● showers.
2	991·2	982·4	82·5	80·4	85	78	1·6	1·5	9·5	8·2	79	80	16	7	16	5	4	10	1·6	2·3	76	Fine.
3	988·4	996·9	80·0	76·9	84	77	1·4	0·9	8·2	7·1	81	86	20	5	20	5	3	2	1·1	5·1	77	Sunshine and showers.
4	986·1	976·3	77·4	78·9	82	76	0·5	0·2	7·8	9·2	92	98	14	5	—	1	10	10	4·3	0·3	74	Overcast, with showers.
5	989·1	991·5	79·2	74·4	84	75	1·2	1·4	7·8	5·1	83	76	22	2	—	1	8	0	—	8·0	72	Very fine.
6	998·3	1006·4	78·5	76·0	85	74	1·5	1·7	7·1	5·8	81	75	22	2	24	2	0	0	0·6	7·2	71	⌴ early. A few slight showers.
7	1010·1	1007·4	78·3	77·2	82	75	1·4	0·6	7·1	7·5	81	92	20	4	20	3	0	10	5·3	4·1	73	Fine a. Showery p.
8	992·5	995·2	79·0	77·1	84	76	0·6	1·0	8·5	7·1	91	85	14	9	16	4	10●	0	1·4	2·4	75	● a. Fine p.
9	996·2	1000·0	79·5	77·5	82	76	1·9	1·2	7·5	7·1	76	83	16	5	14	4	2	0	0·5	6·1	75	Fine. ● shower 16 h.
10	1004·0	1009·4	80·6	78·0	83	77	1·1	1·1	8·8	7·5	86	84	12	4	14	2	9	8	0·5	2·7	75	Fine till 18 h., then showers.
11	1016·6	1020·3	78·0	78·8	82	75	0·2	0·7	8·5	8·2	97	91	16	2	20	2	10	3	0·4	2·3	72	Fine.
12	1019·6	1011·8	78·7	80·9	81	77	0·6	0·6	8·5	9·8	91	93	18	4	18	6	10●	10	4·3	—	75	● nearly all day.
13	1015·2	1009·8	82·4	84·0	85	81	1·0	1·0	10·2	11·5	87	87	20	3	16	6	10	9	0·3	—	79	Overcast and warm.
14	1010·5	1006·4	81·3	79·7	85	80	1·2	1·1	9·2	8·2	85	84	20	5	—	0	7	10●	1·5	4·5	79	Some showers.
15	1005·7	1009·4	76·8	74·9	84	76	0·7	1·7	7·1	5·1	90	73	24	2	22	2	10	0	—	5·7	74	Very fine.
16	1003·7	992·2	78·6	80·1	82	75	1·3	0·6	7·5	9·2	84	93	18	5	16	4	9	3	2·8	—	73	● noon–19 h.
17	987·4	981·0	80·6	76·9	84	77	1·1	0·5	8·8	7·5	85	94	—	1	12	3	8	2	5·8	2·9	76	Fine till 16 h. ●² 17 h.–18 h.
18	979·0	979·3	78·0	75·7	82	n 73	0·8	0·6	7·8	6·8	89	92	—	0	—	0	3	8	2·0	3·4	n 69	Fine a. Showers from 15 h.
19	980·0	982·7	77·2	75·0	79	74	1·0	0·5	7·1	6·5	85	91	20	3	22	4	10	10	7·3	—	70	Drizzle from 13 h.
20	991·2	988·4	76·5	76·2	81	74	1·9	2·1	5·8	5·4	72	70	22	4	16	4	10	0	10·2	7·3	73	Fine and sunny.
21	974·2	980·0	77·8	78·6	84	76	0·4	1·9	8·2	6·8	94	76	8	5	—	0	10	10	1·0	5·4	73	● early a. Fine. [ing.
22	990·8	1004·7	78·7	75·8	82	76	0·6	0·3	8·5	7·1	92	96	8	2	—	1	10	0	2·0	2·7	75	Overcast till 15 h. Fine even-
23	999·3	990·8	78·2	79·0	80	74	0·8	0·6	7·8	8·5	89	92	14	3	12	5	10	10	5·8	—	70	● till 13 h. Overcast.
24	1000·6	1003·0	80·6	82·0	84	79	1·1	1·7	8·8	9·2	86	79	20	3	20	7	10	7	—	0·3	77	Mostly overcast.
25	1008·8	1012·1	83·4	83·5	x 88	80	1·0	1·1	11·2	11·2	89	87	18	4	18	2	10	10●	3·8	1·4	78	Warm and showery.
26	1012·5	1011·8	84·4	80·4	87	80	1·7	0·8	10·9	9·2	80	89	18	7	18	6	10	9	5·8	0·4	82	● 14 h.–17 h. 30 m.
27	1015·5	1010·8	82·0	82·2	85	80	1·8	0·4	8·8	11·2	77	95	20	4	20	5	10	10●	5·8	2·2	78	Fine a. ● from 13 h.
28	1016·9	1019·6	81·8	76·9	84	77	2·7	1·1	7·8	6·8	68	84	26	3	22	3	8	2	1·6	8·0	77	Fine.
29	1019·6	1015·2	79·9	76·3	82	74	2·3	1·0	7·1	6·5	71	84	20	5	22	5	8	2	2·9	4·0	74	● showers.
30	1015·2	1010·1	79·1	79·3	84	75	1·2	1·2	7·8	7·8	83	83	22	4	22	2	9	10●	2·0	5·4	74	Showers and sunshine.
31	997·9	1005·0	79·5	76·1	84	76	0·9	0·5	8·5	7·1	86	92	20	2	32	3	10	9	3·1	0·5	77	Showery.
Mean	1000·2	999·9	79·7	78·4	83·4	76·4	1·2	1·0	8·3	7·8	85	86	3·9		3·2		8·0	5·9	84·8	3·13	74·9	
Mean Barometer at Station Level.	992·8	992·4																				

MARKREE CASTLE, SLIGO, a.b.—MARCH 1912.

Heights above Mean Sea Level:—Station, H = 37·2 m.; Barometer, H_b = 38·7 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 54° 11′ N. Long. 8° 27′ W. *Time*, Dublin mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	Dep. of Wet 21 h.	Vap. Pr. 9 h.	Vap. Pr. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine.	Min. Temp. on Grass.	Remarks.
1	990·5	991·2	80·8	80·5	85	79	0·6	0·8	9·8	9·2	93	89	12	3	28	3	10	10●	6·9	0·5	77	●² showers.
2	989·5	981·0	81·0	79·4	85	76	1·7	0·6	8·5	8·8	79	90	20	3	16	2	5	9	3·8	3·3	79	T● showers a. Fair p.
3	990·1	997·6	80·8	77·7	84	77	1·2	0·9	8·8	7·5	85	86	24	3	24	1	8	1	2·0	4·0	74	▲ showers all day.
4	986·8	979·6	76·3	78·0	80	75	0·3	0·7	7·1	7·8	94	90	12	3	28	1	10●	10	6·9	—	72	✳● (sleet) showers a. ● p.
5	989·8	992·8	77·4	77·4	82	76	0·5	0·8	7·8	7·5	92	88	32	1	Calm	0	9	9	3·1	7·7	72	Cold a. Bright and mild p.
6	998·6	1007·4	76·1	76·3	83	74	0·9	0·5	6·8	7·1	87	91	Calm	0	16	1	5	4	0·5	8·2	72	Showers a. Fine and mild p.
7	1010·8	1005·4	77·4	78·0	82	75	0·8	1·6	7·5	6·8	88	78	Calm	0	14	2	5	10	5·3	5·0	72	Fine a. ● showers p.
8	992·8	994·5	79·1	77·0	84	76	0·5	1·1	8·8	6·8	92	84	16	1	16	2	10	1	0·5	5·0	76	● a.
9	994·5	998·3	77·4	76·8	86	75	1·1	0·7	7·1	7·1	84	90	12	1	16	2	9	1	0·8	7·8	72	▲⁰ showers.
10	1002·0	1008·4	79·4	77·6	84	76	0·8	0·5	8·5	7·8	88	93	12	3	12	1	8	3	1·0	2·0	74	●⁰ showers.
11	1014·9	1021·0	77·4	76·9	84	76	0·5	0·6	7·8	7·5	92	92	Calm	0	Calm	0	10	0	1·0	2·0	73	Fine, but cool.
12	1018·9	1011·8	80·0	82·1	82	75	0·6	0·2	9·2	11·2	92	98	16	3	16	3	10●	10●	4·8	—	72	Cool, with ●.
13	1015·2	1010·5	82·2	82·7	86	81	0·4	0·5	11·2	11·2	95	93	Calm	0	20	2	10	10	2·3	0·1	79	Overcast, but fair and mild.
14	1010·5	1006·1	79·4	76·6	84	76	0·5	0·5	8·8	7·1	92	92	Calm	0	Calm	0	8	6	6·9	3·3	72	● showers.
15	1006·4	1009·1	77·4	75·8	82	n 73	0·8	0·7	7·5	6·8	88	89	24	2	Calm	0	6	0	—	9·3	73	✳▲ showers early, then very [fine.
16	1002·3	990·8	78·6	77·6	82	74	0·9	0·2	8·2	8·2	89	96	12	3	16	1	10	0	5·3	—	71	● noon–19 h.
17	987·4	980·0	79·7	76·1	83	76	0·7	0·6	8·8	7·1	90	92	16	1	Calm	0	10	3	—	2·7	74	Beautiful day.
18	980·0	979·0	75·8	75·7	83	n 73	0·4	0·5	7·1	6·8	95	93	Calm	0	Calm	0	10	0	3·6	4·6	n 70	Fine and bright, but cool.
19	980·0	986·8	76·3	76·3	78	74	0·1	0·5	7·5	7·1	98	91	24	2	28	4	10●	10●	26·9	—	71	✳²▲²●² all day.
20	990·8	985·7	76·9	76·5	81	74	1·9	1·4	5·8	6·1	74	79	20	2	16	3	2	10	5·8	8·1	71	▲ n. ✳● (sleet) during day.
21	973·9	980·7	78·5	76·3	84	75	0·6	0·1	8·5	7·5	93	98	16	1	Calm	0	9	10	1·3	3·4	75	Fine and warm.
22	990·8	1004·7	78·5	75·2	82	75	1·1	0·2	7·8	6·8	86	96	Calm	0	32	1	10	5	3·6	3·3	75	Fine, but cool.
23	997·6	991·2	77·2	78·6	84	75	0·6	0·1	7·5	9·2	92	99	12	3	Calm	0	10●	10●	8·6	0·3	74	● a. Fair till 19 h. ● n.
24	1000·6	1003·3	81·9	81·1	86	79	2·2	0·9	8·2	9·5	73	89	16	2	20	1	10	1	0·3	1·3	76	Fine and mild.
25	1007·1	1011·5	83·0	82·3	x 87	79	0·6	0·8	11·2	10·5	93	89	16	3	Calm	0	10	10●	12·2	0·7	75	Fair till 16 h., then ●.
26	1011·8	1011·1	81·3	80·8	83	80	0·1	1·3	10·9	8·8	99	84	Calm	0	20	2	10●	8	6·9	—	80	● a., then fair. ⌈ n.
27	1015·5	1011·8	81·9	83·0	84	79	1·7	0·6	8·8	11·2	79	93	16	1	20	1	5	10●	14·2	0·4	76	Fair a. ●² all evening.
28	1018·3	1021·3	78·3	76·6	84	76	0·7	0·9	8·2	6·8	91	86	24	3	20	1	9	5	2·3	6·0	76	▲ showers. Bright intervals.
29	1021·6	1017·6	79·1	77·3	83	75	1·5	1·5	7·5	6·5	80	78	28	2	24	2	9	3	4·1	1·8	71	✳● (sleet) ▲ showers.
30	1016·2	1009·8	80·2	79·1	84	76	1·6	0·5	7·8	8·8	78	92	28	3	20	3	5	10●	4·8	2·8	73	▲ a. Mild, with ● showers.
31	997·6	1007·8	79·6	76·1	82	75	1·0	2·1	8·5	5·4	86	70	Calm	0	32	3	10	3	1·5	0·5	76	Mild, with ● showers.
Mean	1000·1	1000·2	79·0	78·1	83·4	75·9	0·9	0·7	8·3	8·0	88	89	1·6		1·4		8·5	5·9	147·2	3·04	74·0	
Mean Barometer at Station Level.	995·4	995·6																				

* Metres per second. † Beaufort Scale (0—12).

DUBLIN (PHŒNIX PARK), a.—MARCH 1912.

Heights above Mean Sea Level:—Station, H = 47·3 m.; Barometer, H_b = 48·5 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second). 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200 + °	
1	993·2	990·5	82·4	82·0	87	81	0·8	0·7	10·5	10·5	90	92	10	4	22	4	10	10●	0·9	2·9	78	●⁰ showers *a.* and *p.*
2	993·5	984·1	83·5	80·0	85	79	2·0	0·8	9·8	8·8	77	89	18	7	18	4	7	10●	2·9	0·2	75	Dull. ●⁰ 20 h. 30 m.–21 h.
3	990·5	999·6	78·9	78·6	84	77	0·8	1·2	8·2	7·8	89	85	22	4	22	5	6	4	0·3	3·1	75	●² 2 h. 50 m.–3 h. 45 m. and 14 h.–16 h.
4	986·1	975·6	78·0	79·6	84	77	0·6	0·3	8·2	9·2	92	96	10	7	—	1	10	10	8·9	0·8	73	Dull, with ● showers.
5	991·2	992·5	78·7	76·7	84	76	0·8	0·3	8·2	7·8	90	97	24	3	24	3	6	4	5·1	2·7	74	Bright *a.* ●² *p.*
6	1000·0	1008·4	76·3	75·6	83	73	0·6	0·8	6·8	6·5	89	87	26	3	24	2	4	0	—	7·8	72	Fine and bright.
7	1012·1	1008·8	77·9	78·8	84	74	1·4	1·4	7·1	7·5	80	81	22	5	16	3	3	10	0·6	6·9	71	Fine and bright.
8	992·5	997·9	79·4	77·8	85	76	0·4	1·1	9·2	7·1	94	85	12	5	18	3	10●	0	1·3	5·1	76	●² 2 h. 15 m.–2 h. 45 m. ● showers 17 h.
9	997·6	1001·0	80·1	77·9	84	76	1·9	0·9	7·5	7·5	75	88	16	4	12	3	6	2	1·4	5·5	73	●² 6 h. and 16 h.
10	1004·4	1009·8	81·0	74·6	85	74	0·8	0·2	9·5	6·8	89	97	10	3	—	1	7	0	—	6·1	71	Fine and bright.
11	1016·6	1022·3	76·0	76·3	86	*n* 71	0·3	0·1	7·1	7·5	96	97	—	1	—	0	5	10≡²	—	8·3	69	Beautiful day. ≡² 18 h.–21 h.
12	1022·7	1014·5	80·5	82·3	82	72	1·4	0·9	8·5	10·5	81	88	16	3	18	7	10	10●	2·5	—	71	Overcast. Drizzle from 15 h.
13	1016·9	1013·2	82·6	83·2	*x* 89	82	0·6	0·7	10·9	11·5	92	91	22	3	16	2	10	10	1·8	3·1	81	Cloudy.
14	1012·1	1008·1	82·0	80·1	86	79	1·0	0·5	9·8	9·2	88	92	22	3	20	2	4	10	1·8	4·6	79	Bright *a.* Drizzle *p.*
15	1006·4	1011·1	75·9	75·1	81	75	0·6	1·0	6·8	6·1	91	84	24	4	22	2	10	0	0·6	4·7	73	●² 13 h. and 20 h.
16	1005·7	993·2	80·2	81·8	82	75	2·1	0·5	7·5	10·5	73	93	16	3	16	2	10	10	0·4	—	72	Overcast.
17	988·4	982·0	81·1	73·5	85	74	2·0	0·6	8·2	5·8	75	88	—	1	—	1	6	0	—	4·9	72	Fine.
18	979·0	980·0	77·8	76·0	83	*n* 71	1·0	1·2	7·5	6·1	86	81	20	2	—	1	8	0	—	6·4	*n* 68	Fine and bright.
19	983·0	987·1	77·8	76·5	82	74	1·6	1·2	6·8	6·5	78	82	22	6	22	4	10	10	0·5	2·1	71	Cloudy.
20	992·8	991·2	77·4	75·0	82	73	2·1	1·1	6·1	5·8	71	83	22	4	—	1	4	0	3·8	8·0	73	Beautiful day.
21	975·2	979·6	82·2	74·8	85	75	2·6	0·3	8·2	6·8	69	95	20	3	—	0	3	2	—	5·8	70	●² 1 h. 30 m.–5 h. 30 m. Fine.
22	990·5	1005·0	79·0	76·0	80	74	0·5	0·3	8·8	7·1	92	95	24	2	—	1	10	0	3·6	—	70	Overcast. Drizzle 10 h. and 16 h.
23	999·6	991·5	78·2	80·2	81	72	0·7	0·4	7·8	9·5	91	95	12	3	—	1	10●	10●	7·9	0·6	70	Dull. Drizzle *a.* and *p.*
24	1002·7	1005·4	82·2	84·6	87	80	2·2	1·8	8·5	10·9	74	79	24	4	20	3	8	10	—	1·3	78	●² 6 h. Dull.
25	1010·5	1014·9	85·6	83·7	*x* 89	82	2·1	0·9	11·2	11·5	77	90	18	2	18	6	10	10	—	0·4	78	Dull.
26	1015·2	1014·9	85·2	81·5	88	80	2·3	1·6	10·5	8·8	74	79	18	6	20	5	6	10	2·6	4·1	81	Drizzle 16 h. 20 m.–18 h. 30 m.
27	1017·6	1013·5	83·5	82·8	85	79	2·2	0·4	9·5	11·5	75	95	22	4	22	6	6	10●	2·8	2·2	77	Drizzle 14 h.–21 h.
28	1018·9	1023·0	82·3	77·3	85	77	2·2	1·0	8·5	7·1	72	85	24	3	24	3	6	1	—	6·1	80	Fine.
29	1023·0	1018·6	80·5	79·2	83	75	2·3	1·3	7·5	7·8	71	82	22	4	22	7	2	6	—	5·8	73	Fine.
30	1017·9	1013·5	80·6	79·7	85	76	1·9	0·7	7·8	8·8	75	90	22	4	22	4	7	10	3·3	6·3	74	Fine. ●⁰ 17 h.–21 h.
31	998·9	1002·3	80·0	77·6	84	77	1·3	0·8	8·2	7·5	81	88	20	3	30	6	8	10●²	2·9	4·2	77	●² 17 h.–18 h. and 21 h.
Mean	1001·8	1001·7	80·2	78·7	84·3	76·0	1·3	0·9	8·4	8·3	82	89	3·6		3·0		7·2	6·1	55·9	3·87	74·0	
Mean Barometer at Station Level.	995·8	995·7																				

LIMERICK (MUNGRET COLLEGE).—MARCH 1912.

Heights above Mean Sea Level:—Station, H = 14·3 m.; Barometer, H_b = 15·2 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 52° 38′ N. Long. 8° 41′ W. *Time*, Dublin mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Air 9 h.	Air 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	990·8	995·2	83·5	80·8	85	80	0·5	1·6	11·9	8·5	94	80	16	4	24	4	10●	8	0·3	1·7	77	
2	991·5	983·7	82·8	79·2	84	79	1·3	0·7	10·2	8·5	85	90	16	4	20	3	8	3Ш	5·6	0·5	76	
3	992·5	1001·0	80·5	77·4	83	77	1·4	0·5	8·5	7·8	81	92	24	2	16	3	7	0	2·9	3·3	74	
4	980·7	981·0	81·7	80·1	82	76	0·4	0·5	10·9	9·5	96	93	16	5	24	3	10	9	11·9	—	73	✻²▲²●² 9 h. 10 m.
5	991·2	993·9	79·1	77·4	81	77	0·2	0·0	9·2	8·5	96	99	16	2	24	1	8●⁰	10●⁰	3·4	—	75	⌒ 9 h.
6	1001·0	1009·4	76·6	77·1	82	73	0·4	0·6	7·5	7·5	93	92	24	1	24	3	5	8	—	6·7	*n* 70	⌣ *a.*
7	1013·2	1005·0	77·4	79·7	82	75	1·1	0·7	7·1	8·8	85	90	20	2	12	5	2	10	0·4	6·4	72	
8	993·5	995·6	80·6	77·4	83	77	1·1	0·8	8·8	7·5	85	89	20	2	16	4	2	3	3·8	7·2	74	⌒ 15 h. 30 m.
9	994·9	996·6	78·6	78·2	82	75	1·2	0·8	7·8	7·8	85	89	16	4	12	4	6	0	2·8	6·6	74	
10	1001·0	1008·4	80·6	76·9	85	77	0·5	0·3	9·8	7·8	94	96	16	2	Calm	0	7	3⌂²	1·9	2·6	72	
11	1016·2	1022·3	76·8	76·7	85	74	0·0	0·3	8·2	7·8	100	96	16	2	16	2	6	0	—	6·4	71	≡³ 7 h.
12	1021·3	1015·2	80·5	82·7	84	75	0·6	0·1	9·5	11·9	92	98	16	4	20	4	10	10●⁰	3·9	—	71	
13	1017·2	1013·5	83·6	84·5	*x* 91	82	0·2	1·3	12·6	11·5	98	85	20	2	20	3	10●⁰	10	2·2	5·1	81	Beautiful day.
14	1012·5	1008·1	82·0	78·2	85	77	0·9	0·4	10·2	8·2	89	94	16	2	16	3	7	10●	3·1	4·2	74	
15	1008·8	1011·8	76·8	75·6	81	75	0·8	0·4	7·1	6·8	89	94	24	2	16	3	2	0	—	8·8	71	
16	1003·3	992·5	80·6	80·8	83	75	0·7	0·4	9·5	9·8	91	95	16	3	20	2	10	7	1·5	0·1	72	
17	987·4	980·3	80·0	77·5	83	76	1·2	0·2	8·2	8·2	83	97	16	2	12	3	5	10	1·0	7·0	73	
18	979·6	980·3	78·0	78·7	82	75	0·6	0·3	8·2	8·8	92	96	20	2	24	4	10	10●	4·5	2·7	72	
19	986·1	991·2	77·4	76·8	81	75	1·4	1·3	6·5	6·5	78	82	4	3	24	3	7	9	1·9	3·7	74	△ 10 h. 30 m. ✻ 14 h. 50 m.
20	994·2	985·7	76·8	78·4	82	*n* 72	1·0	0·8	6·8	8·2	85	90	20	3	12	5	2	10●ᶜ	2·3	8·9	*n* 70	
21	972·5	981·0	80·8	80·0	85	77	1·5	0·8	8·5	8·8	81	90	12	2	28	4	5	10	2·6	6·7	74	⌒ 16 h. 30 m.
22	991·5	1005·4	79·2	76·9	84	77	0·1	0·2	9·5	7·8	98	98	24	2	12	2	9	0⊓	9·6	3·0	74	
23	996·6	991·5	80·8	82·9	85	76	0·4	1·6	10·2	9·8	96	81	20	2	24	7	9●⁰	10	3·7	4·6	74	
24	1001·7	1005·7	81·0	84·1	87	78	0·9	0·9	9·5	11·9	89	89	16	2	16	3	10	10Ш	0·7	0·1	74	⁄ in past *n.*
25	1008·8	1012·1	84·7	83·7	87	82	0·6	0·6	12·6	11·9	93	93	16	2	16	5	10	9Ш	0·9	0·1	80	
26	1013·8	1016·2	84·3	81·1	86	81	1·0	0·6	11·5	9·8	88	93	16	5	16	3	6●	9	5·5	1·8	78	
27	1018·9	1016·2	83·8	83·2	85	80	1·7	0·0	10·5	12·6	80	100	20	3	24	4	7●	10●	11·5	1·9	77	
28	1021·0	1025·0	82·4	77·4	84	77	1·9	0·6	9·2	7·5	76	91	24	2	20	3	4●	0	1·0	6·8	75	
29	1025·4	1021·6	81·0	80·1	83	75	1·9	0·3	8·2	9·5	77	95	20	2	24	4	8●	5Ш	—	6·0	72	⁄ in gusts throughout day.
30	1019·9	1013·2	81·8	79·8	85	77	2·0	0·6	8·5	9·2	75	93	24	3	20	3	4	10	2·9	6·6	73	
31	997·2	1007·1	80·9	76·3	81	76	0·5	1·4	9·8	6·1	94	78	20	1	24	4	10●	0	2·6	0·9	73	
Mean	1001·4	1002·1	80·4	79·3	83·7	76·8	0·9	0·6	9·2	8·9	88	92	2·5		3·4		7·0	6·5	94·4	3·88	73·9	
Mean Barometer at Station Level.	999·6	1000·2																				

* Metres per second. † Beaufort Scale (0—12).

METEOROLOGICAL OFFICE, LONDON,
30th May 1912.

[*Price One Shilling.*]

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1912.

DEERNESS, ORKNEY, a.b.—APRIL 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 49·7 m. Heights above Ground:—Therms., h_t = 1·2 m.;
Rain-gauge, h_r = 0·3 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	°	
1	1012·1	1018·9	74·8	74·3	78	74	0·5	0·8	6·5	5·8	93	85	2	10	—	1	10✻	6	3·6	8·4	—	⁄ 1 h. ✻ *a.* Ci.-S. in bands S–N.
2	1014·2	1022·0	78·2	77·5	81	74	0·9	0·8	7·8	7·5	88	88	20	7	26	6	6	8	2·3	6·8	—	● *a.* Bright. ● after 17 h.
3	1019·9	1016·6	78·9	81·3	84	77	0·5	0·2	8·5	10·5	92	97	18	10	20	7	10●⁰	10●⁰	2·0	—	—	Damp and muggy.
4	1005·0	1003·7	83·1	78·4	84	78	1·4	0·6	10·2	8·2	83	94	24	17	24	4	4●⁰	10●⁰	10·2	3·5	—	⁄ 10 h. ● from 14 h.
5	1000·3	1004·0	80·2	79·2	81	78	0·3	0·3	9·5	9·2	95	96	24	10	24	4	10●⁰	10●⁰	10·2	—	—	● *n.* and *a.* ●⁰ *p.*
6	998·3	1014·5	80·6	77·1	82	77	1·3	1·0	8·8	7·1	84	87	26	16	28	3	5●	8	3·1	5·5	—	● till noon. ⁄ 10 h.–13 h.
7	1016·2	1005·0	77·7	77·0	80	74	0·7	0·5	7·5	7·8	90	94	22	8	14	7	8	10●	29·2	1·6	—	⊕ *a.* ●⁰ 18 h. and after 20 h.
8	976·6	991·8	79·6	75·1	81	74	1·1	2·3	8·5	4·8	85	64	22	15	32	21	7	3	2·8	3·2	—	●² *n.* and till 8 h. ▲. ⁄ 13 h.–24 h.
9	1001·0	1000·3	74·5	73·9	76	72	1·9	0·5	4·8	5·8	70	89	30	13	2	5	6	5✻	3·8	4·1	—	⁄ 1 h. ▲ *n.* and *a.* ✻ showers.
10	1003·7	1005·7	73·4	74·2	76	72	1·0	1·3	5·1	5·1	81	77	32	4	28	8	8✻	10	1·0	4·6	—	⊠ *a.* ✻ all *a.* ⊕ *p.*
11	1010·5	1019·9	74·0	74·7	76	*n* 71	2·3	1·3	4·1	5·4	62	77	28	12	30	9	4	8	0·8	6·6	—	✻▲ showers. Bitterly cold.
12	1026·0	1025·0	76·5	78·4	79	74	2·5	0·8	5·1	8·2	64	91	28	3	20	4	5	10	1·3	3·3	—	Bright *a.* ●⁰ 17 h.–19 h.
13	1027·1	1028·4	80·7	79·9	83	77	0·5	0·8	9·8	8·8	94	89	28	6	26	4	9	10	—	1·4	—	Dull and cloudy.
14	1026·0	1025·0	80·0	81·2	85	78	0·7	0·2	9·2	10·5	90	97	18	3	24	5	10	9●⁰	1·0	1·7	—	Dull. ●⁰ from 19 h.
15	1026·4	1022·3	82·0	80·8	85	79	0·8	0·6	10·2	9·8	90	93	24	3	18	5	8	5	—	7·0	—	Fine and mild.
16	1019·3	1018·3	82·9	80·6	*x* 86	80	1·1	0·9	10·5	9·2	87	88	18	7	30	2	4	2	—	9·2	—	Very fine.
17	1019·3	1017·6	81·1	78·9	83	79	0·7	0·4	9·8	8·8	91	93	—	1	14	9	10∞	10∞	—	4·6	—	Dull *a.* ∞ *p.* Rough sea.
18	1013·8	1013·2	79·0	78·4	81	78	0·6	0·4	8·5	8·5	91	95	16	8	14	7	10∞	10≡	—	6·7	—	Dull and damp *a.* ≡ 19 h.
19	1014·9	1015·9	78·4	78·9	80	78	0·0	0·4	8·8	8·8	99	93	14	7	16	6	10≡	2	—	0·1	—	≡ *n.* and *a.* till 20 h.
20	1018·3	1021·3	82·1	81·4	84	79	1·2	1·2	9·8	9·2	85	85	14	9	16	6	2	10	—	6·1	—	Fine. Ci. in bands S–N. ∞
21	1025·0	1029·4	82·3	81·1	84	81	1·0	0·5	10·2	9·8	86	93	16	6	14	2	4∞	10∞	—	2·5	—	Cloudy. ≡⁰ 17 h.–20 h.
22	1032·8	1034·5	82·2	80·7	84	80	0·7	0·1	10·5	10·2	92	98	14	4	12	4	3∞	0	—	10·0	—	Very fine.
23	1035·2	1034·8	82·8	80·8	84	80	0·7	0·6	10·9	9·8	91	92	14	6	16	2	1	0	—	13·4	—	Very fine. ⌂
24	1033·5	1031·8	80·6	80·3	85	79	0·0	0·2	10·5	9·8	100	97	30	5	32	3	10≡	4	—	5·0	—	≡⌂ *a.*
25	1030·1	1026·0	79·3	79·6	82	78	0·2	0·5	9·2	9·2	96	93	32	3	4	3	10≡⁰	10	—	5·3	—	Dull *a.* Fine *p.*
26	1021·3	1017·6	79·1	79·2	80	79	0·7	0·8	8·5	8·5	90	88	4	4	4	5	10	10	—	1·4	—	Dull and cold.
27	1017·9	1018·6	79·6	78·9	81	78	1·5	1·7	7·8	7·1	79	78	4	7	2	5	8	9	0·5	4·6	—	Cloudy and breezy.
28	1017·6	1021·3	80·5	78·0	82	78	1·7	0·8	8·2	7·8	78	89	28	7	6	4	9	1	—	4·3	—	● showers *a.* Fine.
29	1024·7	1028·1	79·5	78·2	82	77	1·9	0·9	7·5	7·8	76	88	4	7	4	2	9●	9●	1·3	1·2	—	●⁰ showers *a.*, and from 19 h.
30	1027·7	1023·0	81·7	79·0	82	77	2·2	1·2	8·2	7·8	73	85	6	3	14	7	8	6	0·5	7·1	—	Fine. Ci. in clusters W–E.
Mean	1017·2	1018·5	79·5	78·6	81·7	77·0	1·0	0·8	8·5	8·2	86	89	7·4		5·3		7·3	7·2	73·6	4·64	—	
Mean Barometer at Station Level.	1011·0	1012·2																				

ABERDEEN, a.e.—APRIL 1912.

Heights above Mean Sea Level:—Station, H = 14·0 m.; Barometer, H_b = 26·8 m. Heights above Ground:—Therms., h_t = 12·5 m.;
Rain-gauge, h_r = 0·6 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Air 9 h.	Air 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 10 h.	Cloud 22 h.	Rain 10 h.	Sunshine	Min. Temp. on Grass	Remarks
1	1011·1	1020·3	77·0	75·2	79	75	1·9	1·2	6·1	5·8	75	80	28	10	26	4	7	9	0·8	7·8	—	Squally. △⁰✻⁰ showers.
2	1018·6	1025·4	76·2	79·4	83	74	1·3	1·8	6·1	7·5	79	76	18	3	24	2	3	5	—	6·7	—	≡⁰✻⁰ early *a.* Squally.
3	1025·4	1021·0	80·7	83·5	86	77	2·2	2·1	7·5	9·5	73	76	20	3	14	2	10	10	—	0·2	—	Dull, with ∞⁰.
4	1012·8	1003·7	83·7	84·7	*x* 89	81	1·9	2·5	10·2	9·8	78	72	18	7	22	5	6	7	—	4·0	—	Cloudy to dull.
5	1003·0	1007·1	87·3	85·4	*x* 89	85	3·9	2·3	9·8	10·5	61	73	24	8	22	3	8	7	—	7·2	—	Cloudy. ⊕ 10 h.
6	1003·7	1017·6	86·1	79·4	86	79	3·6	2·3	9·5	6·8	63	71	24	8	24	5	6	0	—	9·1	—	Bright and squally. ⁄ 14 h.–17 h.
7	1019·6	1006·4	80·7	80·3	82	77	2·6	0·4	7·1	9·5	68	93	18	3	16	3	10	10	2·5	1·8	—	Dull, with ●⁰ *p.*
8	982·4	993·5	84·3	74·7	85	74	3·4	0·8	8·5	5·8	63	85	22	10	28	8	1	3	4·1	5·2	—	Bright *a.* ●✻△ showers *p.*
9	1002·7	999·3	76·1	74·9	80	*n* 72	2·9	0·6	4·8	6·5	61	92	28	11	2	6	2	10	1·0	7·9	—	Bright *a.* ✻⁰△⁰●⁰ showers.
10	1005·4	1008·4	75·5	75·6	79	73	1·4	1·8	5·8	5·4	78	72	28	7	26	4	7	6	0·8	7·9	—	Occasional ✻⁰ showers.
11	1012·1	1022·0	74·5	73·8	77	*n* 72	2·2	1·0	4·4	5·4	66	82	28	10	26	5	2	0	0·5	9·9	—	Bright and squally. ✻⁰
12	1028·7	1027·7	76·3	79·0	80	*n* 72	3·0	2·0	4·8	6·8	60	73	24	3	—	1	1	10	—	9·4	—	Fine. ∞⁰ *n.*
13	1029·1	1030·1	82·9	82·3	84	77	2·1	1·7	9·2	9·2	75	79	26	6	—	1	9	6	—	0·3	—	Cloudy. ∞⁰ *n.*
14	1029·8	1027·4	81·3	83·5	85	76	1·3	1·8	9·2	9·8	83	79	—	1	—	0	1	10	—	8·7	—	⌂ *a.* Bright to cloudy.
15	1028·4	1025·4	82·9	83·8	85	79	1·6	1·6	9·8	10·5	81	81	8	2	18	2	1	8	—	7·4	—	Bright *a.*, then dull.
16	1023·0	1021·6	86·8	81·2	88	80	2·2	1·6	11·9	8·5	76	81	16	3	16	4	1	2	—	9·9	—	Fine. ∞⁰ *p.*
17	1021·0	1019·3	83·4	79·2	84	79	1·4	1·4	10·5	7·8	83	81	16	3	14	2	1	10	—	6·5	—	∞⁰ 7 h. Fine to cloudy.
18	1015·9	1014·5	79·3	77·6	81	77	1·1	0·4	8·2	7·8	85	93	14	2	—	1	8	10	—	8·1	—	Bright *a.* ∞⁰ *p.*
19	1016·2	1018·3	77·5	78·2	82	76	0·5	0·4	7·8	8·2	93	94	—	1	14	2	4	*10*≡¹	—	8·3	—	≡¹ early *a.* and *n.* Fine.
20	1020·6	1024·3	82·4	82·8	87	79	1·3	2·0	9·8	9·2	83	75	14	4	16	3	1	10	—	7·1	—	≡¹ early *a.*, then bright to dull.
21	1027·1	1030·1	83·9	81·3	85	80	2·1	1·2	9·8	9·2	76	85	14	3	—	1	7	7	—	3·2	—	Cloudy.
22	1033·5	1035·5	81·7	80·8	84	77	0·8	0·4	10·2	10·2	90	96	8	2	—	1	1	2	—	9·3	—	≡² early. Fine. ⊕ 18 h.
23	1037·2	1035·9	83·2	83·9	87	76	1·2	2·8	10·5	8·8	85	70	12	2	—	1	0	0	—	12·3	—	≡⁰⌂ *a.* Fine. ≡⁰ *n.*
24	1034·2	1031·8	85·1	80·7	86	77	2·6	0·6	10·2	9·8	71	93	—	1	30	3	1	0≡⁰	—	11·5	—	≡⁰ early *a.* Fine. ≡¹ 20 h.
25	1030·1	1026·0	82·1	80·1	82	79	1·7	1·2	9·2	8·5	80	84	2	3	4	3	1	10	—	8·8	—	≡⁰ *a.* Fine to cloudy.
26	1020·6	1017·2	80·3	79·6	81	79	1·6	1·2	8·2	8·2	78	84	26	3	32	2	10	10	—	—	—	Dull.
27	1016·2	1017·9	80·7	79·1	82	77	2·5	2·2	7·1	6·8	70	71	32	6	30	3	5	8	—	8·4	—	Fine.
28	1018·9	1019·9	79·7	79·5	82	77	2·5	1·7	6·8	7·5	69	78	30	4	32	4	7	10	0·3	2·0	—	Cloudy. ●⁰ shower 22 h.
29	1024·0	1028·4	79·9	78·6	81	77	2·3	1·7	7·1	7·1	71	78	4	5	2	2	9	8	—	0·5	—	Dull.
30	1028·4	1024·7	80·7	79·2	82	77	2·7	1·7	7·1	7·5	68	78	—	1	16	3	6	3	—	8·1	—	Fine.
Mean	1019·3	1020·0	81·1	79·9	83·5	77·0	2·1	1·5	8·2	8·1	75	81	4·5		2·9		4·5	6·7	10·0	6·58	—	
Mean Barometer at Station Level.	1015·9	1016·6																				

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.

* Metres per second.

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Fort William, Inverness-shire, a.—April 1912.

Heights above Mean Sea Level :—Station, H = 52·1 m. ; Barometer, H_b = 11·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or *Velocity* (*metres per second.*) 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	†	†	Tenths of Sky covered.		mm.	hr.	°	
1	1016·9	1022·0	77·2	75·0	81	73	4·0	2·0	4·1	4·8	51	68	4 3	16 2	3	3	2·8	—	—	Fine and sunny.
2	1020·3	1027·1	80·1	78·5	84	74	1·5	1·4	8·2	7·5	79	81	Calm 0	16 2	5●⁰	8	0·3	—	—	Fine and sunny.
3	1026·7	1023·3	80·2	80·8	81	78	1·2	0·1	8·5	10·5	85	99	20 4	20 3	10●	10≡	26·9	—	—	≡ and drizzle.
4	1015·9	1007·1	82·0	83·3	84	80	0·6	2·8	10·5	8·5	93	68	20 6	20 5	10●≡	10●²	56·2	—	—	Squally, with ●²≡⁰.
5	1008·4	1011·1	83·8	83·0	84	83	1·0	0·6	11·2	11·2	88	93	20 5	20 4	10≡⁰	10≡⁰●⁰	22·1	—	—	●≡⁰ generally.
6	1010·8	1021·0	83·6	79·1	84	79	2·9	1·2	8·5	7·8	67	83	24 4	24 2	10●⁰	8●	1·8	—	—	Fair to fine.
7	1019·6	1008·1	80·7	81·9	82	78	1·3	0·6	8·8	10·5	84	93	20 3	20 4	10≡⁰	10●≡⁰	49·8	—	—	Showery all day.
8	986·4	1002·0	79·6	73·6	83	74	2·8	0·6	6·5	5·8	65	89	20 7	20 2	8●	2●⁰	6·9	—	—	✻⁰ at night.
9	1008·1	1001·3	75·8	75·3	80	73	1·2	0·6	6·1	6·5	82	90	24 3	8 3	9⊠	4●⁰	7·1	—	—	✻ showers.
10	1007·1	1009·4	77·8	77·8	81	75	2·6	2·6	5·8	5·8	65	65	6 1	22 3	7	9	0·3	—	—	Fine, dry, and sunny.
11	1016·2	1024·0	76·9	74·7	79	73	3·5	2·4	4·4	4·4	56	64	32 3	4 2	7	1	—	—	—	Fine, dry, and sunny.
12	1029·1	1028·1	75·2	78·1	79	n 69	2·3	0·5	4·8	8·2	65	94	Calm 0	Calm 0	10	10●⁰	0·5	—	—	Fine, dry, and sunny.
13	1030·1	1030·8	80·9	80·6	83	78	0·5	1·3	9·8	8·8	94	83	24 1	20 1	10≡	10●⁰	—	—	—	≡ at times.
14	1029·8	1028·4	81·3	80·9	83	80	1·1	0·1	9·2	10·5	85	99	20 2	20 1	10≡●⁰	10≡⁰●⁰	1·5	—	—	≡⁰ and drizzle most of day.
15	1027·7	1024·7	81·7	82·9	86	80	0·2	0·9	10·9	10·9	97	88	20 2	20 2	10≡²	9	—	—	—	≡² early. Fine and sunny after [11 h.
16	1021·0	1019·3	84·7	83·6	90	82	1·9	1·9	10·5	9·8	78	78	20 4	20 4	10	9	—	—	—	Fine, mild, and sunny.
17	1019·3	1015·9	85·8	81·9	87	81	3·0	2·4	10·2	8·2	69	71	18 1	8 2	4	9	—	—	—	Fine.
18	1012·8	1012·5	82·4	80·2	89	77	2·5	1·2	8·2	8·5	69	84	Calm 0	16 2	7∞	10∞	—	—	—	Fine, but hazy.
19	1013·2	1013·5	83·0	81·3	90	76	2·3	1·5	8·8	8·8	73	80	Calm 0	20 1	0∞	2	—	—	—	Fine throughout.
20	1015·9	1019·9	85·7	86·3	87	81	4·4	3·3	8·2	10·2	57	65	16 5	16 5	5	10	0·5	—	—	Fair, but dull.
21	1024·7	1028·4	81·1	81·0	87	81	0·4	0·2	10·2	10·5	95	97	Calm 0	Calm 0	10≡⁰●⁰	10≡⁰●⁰	4·3	—	—	≡⁰●⁰ all day.
22	1030·1	1031·1	85·8	88·1	93	80	1·4	5·8	12·2	8·2	84	48	Calm 0	8 3	6∞	5∞	—	—	—	Fine, sultry, and hazy.
23	1034·8	1034·5	86·9	84·6	x 95	79	3·9	2·4	9·5	9·8	61	72	Calm 0	Calm 0	0	0	—	—	—	Calm and cloudless.
24	1033·5	1030·4	84·7	86·3	94	77	2·8	2·9	9·5	10·5	69	69	Calm 0	8 3	0	8∞	—	—	—	Fine and sunny.
25	1028·4	1024·0	83·5	81·3	91	77	2·4	1·4	9·2	8·8	73	81	4 4	6 3	1	2	—	—	—	Fine and sunny.
26	1019·9	1015·5	80·0	80·1	87	76	1·5	1·5	8·2	8·2	80	79	4 3	4 4	10≡	4	—	—	—	Fine and clear.
27	1016·2	1017·9	81·9	78·9	86	78	3·4	2·6	6·8	6·5	62	68	4 3	4 4	5	0	—	—	—	Fine and clear.
28	1019·3	1019·3	81·1	80·2	89	72	3·7	2·2	6·5	7·1	58	72	4 3	4 4	1	2	—	—	—	Fine and sunny.
29	1023·7	1026·7	81·9	78·7	89	72	4·3	2·4	6·1	6·5	54	70	4 4	4 1	4	1	—	—	—	Fine and sunny.
30	1026·4	1021·3	81·3	81·8	86	77	2·4	2·5	7·8	7·8	71	70	20 1	20 2	7	10	1·3	—	—	Dull and cloudy. ●⁰ n.
Mean	1019·7	1019·9	81·5	80·7	85·8	77·1	2·2	1·7	8·3	8·4	74	79	2·4	2·5	6·6	6·5	182·3	—	—	
Mean Barometer at Station Level.	1018·3	1018·5																		

Dundee, Forfarshire, c.d.—April 1912.

Heights above Mean Sea Level :—Station, H = 48·8 m. ; Barometer, H_b = 50 m. Heights above Ground :—Therms., h_t = 1·16 m. ; Rain-gauge, h_r = 0·3 m. Lat. 56° 28′ N. Long. 2° 56′ W. *Time*, Greenwich mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †	Wind 21 h. †	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1013·5	1021·3	77·0	75·6	81	74	1·5	1·4	6·5	5·8	79	80	28 5	24 1	5	10	—	—	—	Fine till 18 h.
2	1019·6	1025·4	77·5	79·2	84	74	0·6	1·7	7·5	7·5	90	78	20 1	24 1	10	5	—	—	—	Dull till 10 h., then fine.
3	1027·1	1023·7	79·8	82·2	85	74	1·1	1·1	8·5	9·8	85	86	20 1	24 1	10	10	—	—	—	Dull and cloudy.
4	1015·9	1005·7	84·1	83·1	87	81	1·8	0·8	10·5	11·2	79	90	20 5	24 8	10	10	0·3	—	—	Dull and cloudy.
5	1006·1	1009·1	85·8	83·7	90	82	1·4	1·2	12·2	11·2	84	86	20 5	24 1	10	5	—	—	—	Dull till 10 h., then fine.
6	1006·1	1019·6	86·3	79·7	87	80	1·6	2·3	12·6	7·1	81	71	24 8	28 3	5	10	—	—	—	Fine 10 h.–19 h.
7	1020·3	1008·8	81·6	81·9	82	77	1·9	0·6	8·5	10·5	76	93	24 1	24 1	10	10	1·3	—	—	● 11 h.–12 h. 30 m.
8	986·8	995·9	82·3	75·2	82	75	1·5	1·1	9·5	6·1	80	82	20 8	28 5	5	10	0·8	—	—	⁄ till 17 h.
9	1005·4	999·6	78·0	75·9	81	72	2·4	1·1	6·1	6·1	68	83	28 3	28 5	5	10	—	—	—	Fine till 16 h., then dull.
10	1006·1	1008·4	78·4	74·7	81	72	2·6	1·7	6·1	5·1	68	72	24 1	32 1	0	5	—	—	—	Fine till 14 h., then cloud and [sunshine.
11	1013·8	1022·7	76·1	73·2	79	72	2·0	1·9	5·4	4·1	71	63	28 3	28 1	5	0	—	—	—	Fine.
12	1028·7	1028·7	76·8	78·0	81	n 70	2·7	0·7	5·1	7·8	64	90	28 1	24 1	5	10	—	—	—	Cloud and sunshine till 15 h.
13	1029·8	1030·1	81·6	81·2	87	76	1·1	1·2	9·5	9·2	86	85	20 1	20 1	10	10	—	—	—	Fine 12 h.–18 h.
14	1029·8	1028·4	85·0	83·1	89	77	3·3	1·5	8·8	10·2	64	82	28 3	20 1	0	10	—	—	—	Fine till 16 h., then dull.
15	1028·4	1025·7	85·2	84·2	90	77	1·9	1·5	10·9	10·9	77	82	24 1	20 1	5	10	—	—	—	Fine till 16 h., then dull.
16	1024·0	1021·0	85·5	81·1	x 91	79	1·5	0·9	11·9	9·5	81	89	20 1	4 1	10	10	—	—	—	Fine 10 h.–17 h.
17	1021·6	1019·9	83·0	79·1	86	79	1·6	0·5	9·8	8·8	81	92	20 1	12 2	10≡⁰	10	—	—	—	Fine 9 h.–20 h.
18	1015·5	1014·5	78·7	77·4	80	77	0·4	0·4	8·5	7·8	94	94	4 1	4 1	10	10	—	—	—	Dull and cloudy.
19	1016·6	1017·2	78·0	78·9	85	76	0·5	0·3	8·2	8·8	94	96	20 1	8 3	10≡⁰	10≡⁰	—	—	—	≡
20	1021·0	1024·0	85·2	81·9	89	76	1·9	1·1	10·9	9·8	77	86	12 1	4 1	5	10	—	—	—	Fine till 16 h.
21	1026·4	1029·1	85·0	82·7	89	79	2·0	1·1	10·9	10·2	77	87	8 1	8 1	5	10	—	—	—	Fine till 15 h.
22	1032·8	1034·2	84·3	80·8	88	79	1·5	0·9	10·9	9·2	82	89	8 1	8 1	5	5	—	—	—	Fine.
23	1037·6	1036·2	85·0	80·4	89	77	2·0	1·5	10·9	8·2	77	80	20 1	32 1	0	0	—	—	—	Fine.
24	1034·2	1033·2	85·2	81·6	90	75	2·8	1·9	9·8	8·5	69	76	20 1	32 1	5	0	—	—	—	Fine.
25	1030·1	1025·0	80·7	79·1	82	79	0·8	0·5	9·5	8·8	90	92	12 1	12 1	10	10	—	—	—	Dull and cloudy.
26	1021·3	1018·6	79·1	79·7	82	78	0·8	0·8	8·5	8·8	88	88	8 1	8 1	10	10	—	—	—	Fine 12 h.–16 h.
27	1015·9	1018·3	82·4	76·6	85	76	2·2	1·3	8·8	6·5	73	82	4 3	4 1	5	0	—	—	—	Fine.
28	1019·3	1019·6	82·5	79·5	86	74	2·4	1·3	8·5	8·2	71	82	32 1	4 1	5	10	—	—	—	Fine till 13 h., then dull.
29	1024·0	1028·4	80·5	77·6	82	75	2·5	1·0	7·1	7·1	69	85	4 3	4 1	5	10	—	—	—	Fine till 13 h., then dull.
30	1028·7	1024·3	79·7	78·5	84	77	1·7	1·0	7·5	7·8	77	88	12 1	8 1	10	5	0·3	—	—	Cloudy till 12 h., then dull.
Mean	1020·2	1020·6	81·7	79·5	85·2	76·3	1·7	1·1	9·0	8·4	78	84	2·2	1·7	6·7	7·8	2·7	—	—	
Mean Barometer at Station Level.	1014·1	1014·4																		

† Beaufort Scale (0—12).

Glasgow, Lanarkshire, a.—April 1912.

Heights above Mean Sea Level :—Station, H = 54·9 m. ; Barometer, H_b = 56·1 m. Heights above Ground :—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 55° 53′ N. Long. 4° 18′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or *Velocity* (*metres per second.*) 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	*	*	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1015·9	1022·7	77·6	76·5	81	74	3·7	2·4	4·8	5·1	54	65	32 5	28 3	4	5	0·7	10·5	71	Fine and bright.
2	1019·9	1027·4	78·9	78·7	84	75	0·4	1·1	8·8	7·8	94	86	22 5	24 2	10	4	—	6·7	74	●⁰ 6 h.–8 h. 30 m. Dull to fine.
3	1028·1	1025·0	80·1	82·6	85	77	1·3	1·1	8·2	10·2	81	86	20 5	22 6	7	10	1·0	2·1	74	Bright a., then dull. ⊕ 10 h.
4	1018·3	1009·4	82·3	82·8	84	81	0·9	0·4	10·2	11·5	88	94	24 9	22 9	10●	10●	23·6	—	81	Dull. ● showers from 16 h.
5	1010·1	1013·5	83·4	82·4	84	82	0·8	0·3	11·2	11·2	90	95	24 7	24 8	10	10	0·5	—	82	● till 4 h. Dull.
6	1011·5	1021·6	83·6	80·2	85	80	1·2	1·5	10·9	8·2	85	80	22 10	24 3	9	3	—	4·6	81	●⁰ a. Dull a., then bright.
7	1020·6	1010·5	80·7	82·1	83	80	0·9	1·1	9·2	9·8	89	86	24 2	22 5	10	10	6·1	—	78	Dull. ● 11 h.–14 h.
8	990·1	1000·6	80·1	75·2	82	75	1·8	1·9	7·8	5·1	77	71	24 11	26 7	9	0	1·2	4·5	79	● 5 h.–8 h. 30 m., and 11 h.–13 h.
9	1007·8	1000·6	78·1	76·7	80	74	2·9	1·1	5·4	6·8	64	84	26 7	26 4	4	1	0·5	6·9	72	Cloudy.* ● 15 h.–17 h.
10	1006·4	1010·1	77·6	76·2	81	76	2·4	1·5	5·8	6·1	66	77	— 1	30 2	7	0	—	7·5	73	Dull a., then fine.
11	1015·5	1023·7	77·2	75·7	81	75	3·7	2·6	4·4	4·8	54	63	32 4	32 2	4	2	—	9·0	72	Bright a., then dull.
12	1029·8	1028·7	75·1	79·4	80	n 72	1·9	0·5	5·1	8·8	71	93	— 0	22 2	8	10	0·4	0·3	n 70	Dull and overcast.
13	1030·4	1030·8	81·3	81·3	86	79	0·5	1·7	10·2	8·5	94	78	24 2	28 3	10	9	—	5·0	78	Dull, with ∞ a., then fine.
14	1030·4	1029·1	82·9	83·0	86	78	1·7	1·2	9·5	10·2	80	85	28 2	24 2	10	10	—	1·0	76	Dull, with ∞.
15	1028·7	1025·7	83·3	85·2	88	81	0·8	2·1	11·2	10·5	90	76	— 1	— 1	10	10	—	4·2	81	∞ a. Dull and cloudy.
16	1023·0	1021·0	86·8	83·5	90	82	3·3	1·6	10·5	10·2	67	81	20 4	— 1	3	3	—	8·2	79	Fine a. ∞ in evening.
17	1019·9	1016·2	82·8	81·3	88	81	1·9	1·6	9·2	8·5	77	79	— 0	— 1	7∞	4	—	3·7	77	Cloudy, with ∞.
18	1014·2	1013·2	79·8	79·0	86	77	1·1	0·7	8·5	8·5	85	90	8 2	8 2	10	10	—	2·9	76	Dull, with ∞.
19	1014·9	1015·9	81·6	83·3	89	77	1·4	2·9	9·2	8·5	82	67	6 2	16 3	4	8∞	—	8·4	77	∞ a. Fine.
20	1018·9	1022·7	84·1	85·2	87	80	3·6	2·6	8·2	10·2	62	71	14 4	— 1	10	10	—	0·2	77	Dull and overcast.
21	1025·0	1028·4	86·8	84·8	88	84	3·2	0·8	10·5	12·6	66	91	14 4	— 1	10	10●⁰	0·5	—	82	Dull, with ∞.
22	1030·4	1032·1	85·2	84·4	x 92	82	1·6	2·9	11·5	9·2	81	68	8 4	6 5	4∞	4∞	—	6·2	81	Fine.
23	1035·9	1034·5	85·2	84·3	91	80	2·6	3·4	10·2	8·5	71	63	6 2	6 3	4∞	4∞	—	12·0	77	Fine.
24	1033·5	1030·1	83·5	85·7	x 92	77	2·2	3·9	9·5	8·8	74	60	— 0	— 1	5∞	2∞	—	9·2	74	Fine. ⋓ 20 h.
25	1028·7	1024·3	81·9	79·5	88	79	1·4	0·8	9·2	8·5	83	87	6 3	8 4	10	10	—	7·8	77	Fine to overcast.
26	1019·9	1015·2	79·6	80·3	86	78	1·1	1·5	8·5	8·2	85	80	8 3	6 4	10∞	6∞	—	6·8	77	Dull, then bright.
27	1015·2	1017·6	80·6	79·0	85	78	2·5	1·7	7·1	7·1	69	77	8 3	8 4	10	5	—	8·5	76	Dull a., then fine.
28	1018·9	1017·6	80·7	80·9	87	75	3·3	2·5	6·5	7·5	61	70	— 1	4 3	4	5	—	12·3	n 70	Fine and bright.
29	1023·7	1027·7	81·2	79·9	84	78	3·8	2·5	6·1	6·8	57	69	6 4	8 2	8	7	—	6·5	76	Cloudy.
30	1028·1	1023·7	80·7	80·7	85	79	2·8	2·3	7·1	7·5	67	71	— 1	— 1	8	10	0·3	1·6	77	Dull and cloudy.
Mean	1020·5	1020·7	81·4	81·0	85·6	78·2	2·0	1·7	8·5	8·5	76	78	3·6	3·2	7·6	6·4	34·8	5·22	76·5	
Mean Barometer at Station Level.	1013·5	1013·7																		

Cockle Park (near Morpeth), Northumberland.—April 1912.

Heights above Mean Sea Level :—Station, H = 98·7 m. ; Barometer, H_b = 100·8 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 55° 13′ N. Long. 1° 41′ W. *Time*, Local mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †	Wind 21 h. †	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1010·8	1021·6	77·5	73·5	79	73	2·4	0·9	5·8	5·1	67	82	32 5	28 2	3	3	0·3	7·3	71	✻ n. Fine.
2	1021·6	1027·4	79·0	77·2	84	71	1·5	1·4	7·5	6·5	80	79	24 4	28 2	7	2	—	4·2	69	● showers n. Fine a.
3	1029·4	1026·0	79·2	82·1	85	74	0·2	2·2	9·2	8·5	96	73	24 3	24 4	8	7	—	4·6	71	Cloudy.
4	1021·0	1010·8	82·8	83·2	85	81	1·4	0·8	10·2	11·2	83	90	22 6	24 6	8	8	0·3	1·4	79	●⁰. Cloudy. ⁄
5	1009·1	1012·1	84·9	83·5	87	82	1·0	1·3	12·2	10·9	88	85	24 6	24 6	9	8	0·5	0·3	81	Cloudy.
6	1010·5	1020·3	84·5	79·3	87	79	1·4	1·8	11·2	7·5	83	76	24 5	24 4	9	4	—	6·5	81	⁄ most of day.
7	1021·6	1011·5	81·8	79·0	83	79	0·6	0·8	10·5	8·2	93	88	24 3	24 4	9	8	0·3	—	75	● showers.
8	989·1	997·2	82·5	75·3	83	75	1·0	1·2	10·5	5·8	88	81	24 7	26 4	5	2	0·3	6·7	79	⁄● showers.
9	1005·7	1000·3	77·4	76·3	83	72	1·5	0·9	6·5	6·8	77	87	28 4	24 5	4	9	0·5	8·4	70	Fine. ✻ showers. ● 18 h.
10	1005·7	1009·4	76·5	72·4	81	72	1·2	1·1	6·5	4·4	82	72	28 2	22 2	4	1	0·8	8·8	71	✻ 5 h.–6 h. Fine.
11	1013·5	1020·3	77·3	71·8	79	71	1·1	0·5	6·8	4·8	84	85	30 3	28 3	3	1	—	8·8	68	✻ showers 6 h.–8 h. Fine.
12	1030·1	1029·4	77·5	78·0	82	n 70	3·7	1·6	4·4	6·8	52	78	28 2	28 2	2	9	—	9·7	n 66	Fine and warm.
13	1028·4	1030·1	83·2	80·6	85	76	1·9	0·6	9·5	9·5	77	92	28 2	24 1	2	10	—	3·9	74	Fine.
14	1030·1	1029·4	84·1	82·1	88	76	2·9	1·3	8·8	9·5	68	83	32 2	24 1	8	1	—	11·0	72	Fine and sunny.
15	1028·7	1027·7	86·4	82·5	89	80	2·7	1·3	10·9	9·8	70	84	24 1	20 1	2	3	—	6·1	75	Fine and warm.
16	1025·4	1023·7	86·3	78·8	89	79	2·3	0·7	11·5	8·2	75	91	16 3	12 1	3	1	—	12·4	75	Fine and sunny.
17	1022·3	1018·6	81·1	77·4	83	74	1·7	0·4	8·5	7·8	80	94	12 4	16 1	6	10	—	6·5	70	Fine.
18	1015·2	1014·9	80·2	78·8	88	75	1·3	0·8	8·2	8·2	82	90	12 1	26 1	3	10	—	8·6	76	Fine and warm.
19	1016·6	1019·6	86·8	81·2	88	76	5·5	1·4	7·8	8·8	50	81	12 1	16 1	2	10	—	6·9	71	Fine a., then dull.
20	1022·0	1025·4	87·7	82·7	x 92	76	5·9	2·5	7·8	8·5	47	70	16 3	16 2	1	6	—	9·2	71	Fine and warm.
21	1027·4	1029·4	86·5	80·2	90	77	3·5	0·9	9·8	8·8	63	88	10 2	Calm 0	2	5	—	11·2	71	Fine and sunny.
22	1032·5	1034·5	85·7	81·2	89	76	2·9	2·1	10·2	8·8	69	86	16 2	12 1	4	1	—	12·8	71	Fine and sunny.
23	1036·5	1035·5	87·4	77·4	89	76	0·8	0·6	14·9	7·8	90	92	8 1	28 1	1	0	—	14·1	70	Fine and sunny.
24	1034·2	1031·1	85·3	79·1	88	76	3·8	1·9	8·8	7·1	61	75	8 1	24 1	1	2	—	14·0	70	Fine and sunny.
25	1029·4	1025·7	82·8	78·5	85	77	1·5	0·5	9·8	8·5	82	94	28 1	8 1	3	10	—	4·3	71	Fine.
26	1021·0	1016·6	79·0	78·2	80	77	0·8	0·9	8·2	7·8	88	88	8 1	Calm 0	10	10	—	—	78	Overcast.
27	1014·9	1016·6	80·7	81·2	84	77	2·1	2·1	7·8	8·2	74	74	32 1	32 2	10	9	—	5·6	77	Fine.
28	1017·2	1018·6	81·4	78·1	82	76	2·8	1·8	7·1	6·5	66	76	32 3	30 1	7	7	0·5	4·8	73	Fine afternoon.
29	1022·0	1027·1	80·6	77·4	82	75	3·1	1·3	6·8	6·8	63	81	4 3	32 1	8	9	0·3	2·2	71	● showers n. Cloudy.
30	1028·4	1026·0	80·0	76·2	82	75	2·4	1·2	7·1	6·1	70	81	32 1	16 1	8	4	0·3	5·6	72	Dull a., then fine.
Mean	1020·7	1021·2	82·2	78·8	85·0	75·9	2·2	1·2	8·8	7·8	75	83	2·8	2·1	5·1	5·7	4·1	6·84	73·0	
Mean Barometer at Station Level.	1008·3	1008·7																		

* Metres per second. † Beaufort Scale (0—12).

Douglas, Isle of Man, a.—April 1912.

Heights above Mean Sea Level :—Station, H = 84·5 m. ; Barometer, H_b = 86·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·25 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second). 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200+ °	
1	1015·9	1024·0	77·6	75·7	80	74	2·9	1·6	5·1	5·8	61	76	26	7	28	1	0	0⌴	0·3	11·8	72	⌴~ a. Fine.
2	1024·3	1029·8	78·8	77·7	84	75	0·2	0·8	8·8	7·5	97	88	22	2	28	1	10●	0⌴	0·5	5·8	72	● a. Afternoon fine. ⌴
3	1030·4	1029·1	80·9	81·2	82	75	1·1	0·4	9·2	10·2	86	94	18	2	22	2	8	10	—	2·8	71	⌴~ a. Dull and cloudy.
4	1025·0	1017·2	82·4	83·6	84	81	0·7	1·2	10·5	10·9	90	86	24	5	24	10	9	10	0·4	2·0	80	Cloudy. ●⁰ 20 h. ⁄ p.
5	1014·9	1018·6	84·3	83·0	86	83	0·7	0·6	12·2	11·2	91	93	24	8	24	3	8	3	—	3·1	81	⁄● a. Cloudy.
6	1017·6	1025·4	84·1	80·9	87	81	1·1	1·6	11·5	8·5	86	81	24	8	22	2	4	2	—	10·0	80	⁄. Fine.
7	1023·7	1015·5	81·1	83·0	85	80	0·4	2·0	10·2	9·2	95	76	22	2	24	4	10●	8	0·5	0·9	77	≡● a. Cloudy.
8	997·9	1003·3	81·4	77·3	84	76	0·3	2·8	10·5	5·1	96	62	24	10	28	8	10●	6	3·0	3·2	79	Cloudy. ▲ 15 h. and 17 h. ⁄
9	1011·8	1004·0	77·3	77·6	81	75	1·1	0·3	6·8	8·2	84	96	28	6	26	6	4	10●▲	7·6	5·6	72	⌴ a. ●*▲
10	1007·4	1012·1	76·9	76·3	81	76	0·5	0·9	7·5	6·8	93	85	24	2	28	2	8	0⌴	0·3	10·1	72	⌴▲● a. Afternoon fine.
11	1016·2	1024·3	78·2	76·4	81	74	2·9	1·7	5·8	5·8	64	74	32	3	30	2	4	0⌴	—	11·2	71	⌴~▲ a. Fine.
12	1030·1	1030·8	79·0	79·1	81	n 72	2·7	0·5	6·1	8·8	66	92	14	1	24	1	8	10	0·8	4·0	n 69	⌴~ a. Dull from 16 h.
13	1031·5	1032·1	81·4	81·3	84	79	0·1	0·5	10·9	10·2	99	93	28	2	26	1	9	10	—	1·6	77	Gloomy.
14	1032·1	1030·8	83·6	83·0	87	81	1·9	1·6	9·8	9·8	78	81	26	2	24	1	10	9⌓	—	3·1	79	⌓ a. Gloomy.
15	1030·1	1027·7	83·8	82·4	87	82	0·7	0·5	11·9	10·9	92	93	24	1	24	1	10	9⌓	—	5·0	77	⌓ a. Dull a., then fine.
16	1025·0	1022·7	82·2	80·6	86	79	0·1	0·5	11·5	9·8	99	94	14	2	26	1	2	0⌓	—	7·2	76	≡² a. Cloudy, then fine.
17	1020·6	1016·6	81·1	80·2	84	79	1·2	0·7	9·2	9·2	85	90	10	3	10	1	2∞	0⌓	—	10·8	75	⌴ a. Very fine.
18	1013·8	1014·5	81·6	81·0	86	78	0·8	1·3	9·8	8·8	89	83	10	2	22	1	0∞	7⌓	—	11·4	75	⌴ a. Very fine.
19	1015·5	1017·2	81·9	81·9	86	79	0·7	1·3	10·2	9·5	91	83	10	3	16	2	4	0⌓	—	11·2	74	⌴ a. Very fine.
20	1019·6	1023·0	81·8	85·2	85	80	0·7	1·6	10·2	11·2	91	80	14	3	16	3	10	10	—	0·0	77	Overcast.
21	1025·7	1028·1	83·2	82·4	86	82	0·8	0·0	11·2	11·9	91	100	12	2	4	2	9	9	1·0	0·6	80	Gloomy till 3 h. 30 m. ●
22	1029·4	1030·4	84·8	85·8	x 93	80	2·0	3·8	10·5	8·8	77	61	8	2	8	5	10	2	—	6·5	82	Dull till 11 h., then fine.
23	1034·2	1033·2	86·6	85·2	91	82	4·6	4·4	8·5	7·8	54	55	10	3	8	2	0	0⌓	—	13·2	79	⌓ a. Very fine.
24	1032·1	1030·1	87·9	84·1	91	80	5·4	3·3	8·5	8·5	51	64	12	2	4	1	1∞	0	—	13·3	74	⌓ a. Very fine.
25	1028·4	1023·0	84·4	82·2	89	79	3·5	2·0	8·2	8·8	62	75	12	1	28	1	3∞	0⌓	—	12·7	75	⌓ a. Very fine.
26	1019·9	1014·2	80·2	82·4	86	80	0·7	1·6	9·2	9·5	89	79	10	2	6	2	10	4	—	7·4	76	⌓ a. Dull a., then very fine.
27	1013·8	1015·5	80·3	81·3	85	80	0·8	2·1	8·8	8·2	88	74	10	3	8	4	10	8	—	8·6	77	⌓ a. Overcast till 10 h.
28	1018·6	1019·3	80·8	78·8	84	77	3·0	1·4	6·8	7·5	65	82	6	3	28	2	4	1	—	13·0	74	Very fine.
29	1022·0	1027·1	82·3	79·1	84	78	2·7	2·1	7·8	6·8	68	72	4	3	4	2	4	2	—	11·9	75	Very fine.
30	1028·4	1024·7	80·8	79·2	82	76	3·1	1·0	6·8	8·2	64	85	12	2	18	1	2	10⌓	2·5	12·2	74	⌴ a. Very fine.
Mean	1021·9	1022·1	81·7	81·0	85·1	78·4	1·6	1·5	9·1	8·8	81	82	3·2		2·5		6·1	4·7	16·9	7·34	75·7	
Mean Barometer at Station Level.	1011·2	1011·4																				

Stonyhurst, Lancashire, a.—April 1912.

Heights above Mean Sea Level :—Station, H = 114·3 m. ; Barometer, H_b = 110·6 m. Heights above Ground :—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 53° 51′ N. Long. 2° 28′ W. *Time*, Local mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. 9 h.	21 h.	V.P. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Grass	Remarks.
1	1011·1	1023·0	77·4	76·9	80	74	3·2	2·8	5·1	5·1	58	63	32	9	30	3	4	5	—	9·6	71	Fine.
2	1025·4	1028·4	79·1	78·0	82	73	1·7	1·7	7·5	6·8	78	77	20	5	16	2	10	0	6·6	3·2	69	Cloudy. ● 22 h.–24 h.
3	1031·8	1030·8	78·6	79·5	84	74	1·2	0·9	7·8	8·5	85	87	—	1	22	2	8	5	—	5·6	71	Sunny through mist.
4	1027·1	1018·6	81·9	82·3	84	79	0·9	1·3	9·8	9·8	88	84	20	5	20	6	10	10	12·7	0·2	76	Dull and cloudy.
5	1016·6	1018·9	82·4	83·6	84	81	0·5	1·0	10·9	11·2	93	89	22	7	22	6	10	10	—	—	80	Overcast and very cold.
6	1017·6	1024·3	82·4	81·1	86	81	0·5	2·1	10·9	7·8	93	74	24	12	26	4	10	0	—	3·2	80	Squally and overcast, then fine.
7	1024·7	1016·9	81·9	81·9	83	79	1·1	1·0	9·8	9·8	86	87	20	3	22	5	10●	10	3·2	—	77	Dull and squally. ● later.
8	1000·3	1000·3	81·3	77·9	82	78	2·0	3·2	8·2	5·1	75	59	22	10	26	9	10●	0	2·0	1·8	75	Cloudy. ▲ 17 h. ● n.
9	1009·8	1004·4	77·9	77·9	80	75	3·5	1·6	4·8	6·8	57	78	26	7	24	6	7	10●	9·1	5·8	70	Fine a. ▲*● 16 h.
10	1006·7	1011·1	78·8	76·3	81	76	3·0	2·4	5·8	5·1	64	65	2	2	—	1	7	0	1·0	9·5	72	Fine. ▲ showers 18 h.
11	1013·5	1022·7	78·8	77·3	80	n 72	2·1	3·0	6·8	5·1	74	61	28	5	28	2	6	3	—	7·8	68	Bright. Cirrus clouds.
12	1031·5	1031·5	77·3	78·1	81	n 72	3·4	1·8	4·8	6·8	56	76	—	1	28	2	2	5	—	8·6	n 66	Fine. ⊕ 13 h.
13	1032·5	1032·1	80·2	79·7	84	76	1·6	0·6	7·8	9·2	78	92	20	2	—	1	10	1	—	3·0	74	Cloudy.
14	1031·8	1031·1	81·6	82·4	86	79	0·8	2·2	9·8	8·8	89	73	—	1	28	2	8	8	—	4·7	75	Sunny intervals.
15	1030·1	1028·1	83·4	81·9	89	80	1·5	1·1	10·2	9·8	82	86	22	2	—	1	10	0	—	6·0	79	Cloudy a., then fine.
16	1026·0	1023·7	84·4	81·3	87	77	2·0	2·3	10·2	7·8	77	72	—	1	—	1	0≡⁰	0	—	10·0	77	Warm sunny day.
17	1021·6	1017·6	81·3	80·2	85	75	2·2	1·9	7·8	7·5	73	75	8	4	2	2	7	5	—	7·4	72	Fine. Cold n.
18	1014·5	1014·5	81·9	81·5	84	76	2·3	1·7	8·2	8·5	72	78	4	2	—	1	0≡⁰	10	—	5·4	72	Fine.
19	1016·6	1018·6	83·6	81·3	89	76	2·8	1·6	8·8	8·5	68	79	—	1	—	1	3	0	—	7·4	72	Fine.
20	1022·0	1024·3	86·9	85·8	90	79	4·5	2·8	8·8	10·2	57	70	14	4	—	0	8	10	—	5·9	72	Fine.
21	1027·1	1028·1	87·4	85·8	x 92	84	3·8	2·6	10·2	10·5	61	72	16	2	—	1	7	8	—	4·4	79	Cloudy.
22	1030·4	1032·1	88·6	85·2	x 92	82	4·3	3·3	10·5	9·2	59	64	6	3	8	2	0	0	—	11·5	79	Bright.
23	1034·2	1033·5	88·0	82·7	91	79	4·2	2·3	9·8	8·8	58	72	6	3	4	2	0	0	—	13·8	76	Continuous sunshine.
24	1031·8	1030·4	87·4	82·4	90	79	4·7	3·1	9·2	7·5	55	64	4	3	4	2	0	0	—	13·6	75	Continuous sunshine.
25	1027·7	1024·0	86·3	81·3	90	77	4·4	1·6	8·5	8·5	56	79	4	2	4	2	0	0	—	12·9	71	Continuous sunshine.
26	1020·3	1014·5	81·0	80·4	86	77	1·7	1·7	8·5	7·8	79	77	6	2	—	1	10	0	—	6·6	74	Dull till noon.
27	1014·2	1015·2	79·7	78·8	85	77	1·9	2·5	7·5	6·5	75	70	4	3	6	3	10	0	—	8·5	74	Misty a. Fine from 10 h.
28	1017·2	1018·6	81·4	78·9	84	75	3·3	2·0	6·8	6·8	61	74	6	2	—	1	8	3	—	4·5	68	Fine a., then cloudy.
29	1021·3	1026·7	81·9	78·6	84	78	3·9	2·4	6·5	6·5	57	70	4	4	—	1	5	2	—	7·7	72	Fine.
30	1028·1	1025·7	81·3	79·1	85	74	3·0	1·9	7·1	7·1	64	75	—	1	—	0	3	5	—	10·1	70	Fine.
Mean	1022·1	1022·3	82·1	80·6	85·3	77·1	2·5	2·0	8·3	7·9	71	75	3·6		2·4		6·1	3·7	34·6	6·62	73·5	
Mean Barometer at Station Level.	1008·6	1008·7																				

* Metres per second. † Beaufort Scale (0—12).

Shrewsbury, Shropshire.—April 1912.

Heights above Mean Sea Level :—Station, H = 57·9 m. ; Barometer, H_b = 64·7 m. Heights above Ground :—Therms., h_t = 1·2 ft. ; Rain-gauge, h_r = 0·3 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200+ °	
1	1011·8	1023·7	78·1	76·6	78	74	2·9	1·6	5·4	6·1	63	76	28	3	28	2	5	1	—	—	73	Clear and cold.
2	1027·4	1028·7	79·7	81·1	86	76	1·7	0·9	7·5	9·5	77	89	26	2	24	2	5	4	—	—	74	Fine.
3	1032·5	1031·1	80·8	81·9	90	72	0·8	1·3	9·5	9·5	90	83	24	2	24	2	4	3	—	—	71	Misty a. Fine.
4	1028·7	1023·0	83·6	82·4	89	79	1·7	1·6	10·2	9·5	80	79	24	2	24	2–4	7	2	—	—	78	Dull a., then bright.
5	1019·9	1021·6	84·7	84·7	89	81	1·1	1·1	11·9	11·9	86	86	20	3	24	2–5	8	4	—	—	80	Dull a., then fine.
6	1020·6	1024·7	85·8	84·7	89	84	2·2	3·3	11·2	8·8	75	65	24	2–4	24	2	3	2	—	—	82	Fine.
7	1025·7	1019·3	84·7	83·0	89	79	2·3	1·1	10·2	10·5	74	86	24	1	24	2	7	5	—	—	77	Dull.
8	1005·4	1003·3	83·0	78·6	85	78	2·7	1·7	8·5	7·1	69	78	24	4	28	4	7	4	0·3	—	80	Dull, with ●⁰.
9	1011·8	1007·4	79·1	76·2	83	75	3·3	0·5	5·8	7·1	59	92	28	2	28	2	5	5	2·0	—	73	*● (sleet) 11 h. ● showers.
10	1007·4	*1011·5*	76·9	78·0	82	76	1·1	1·7	6·8	6·8	84	77	28	2	28	2	10	0	—	—	75	● a. *⁰ 13 h. 30 m.
11	1014·9	1023·0	80·2	76·9	82	72	2·8	2·2	6·8	5·4	66	70	28	3	28	3	5	5	—	—	70	⌴. Bright cold day.
12	1030·8	1032·1	78·0	77·4	84	n 70	1·7	1·1	6·8	7·1	77	84	28	1	28	1	5	5	—	—	n 69	⌴. Fine.
13	1032·5	1031·8	81·9	80·2	84	75	1·7	0·5	8·8	9·5	79	92	28	2	28	1	5	5	—	—	74	Fine and bright.
14	1032·1	1031·1	82·4	81·9	87	79	1·1	2·2	10·2	8·2	86	73	28	1	28	2	7	7	—	—	77	≡⁰ early. Fine.
15	1030·4	1028·4	83·6	84·7	90	75	2·3	1·1	9·5	11·9	74	86	28	1	28	1	7	8	—	—	74	≡⁰ a. Fine.
16	1026·7	1023·3	80·8	78·6	87	77	1·7	0·6	8·2	8·5	79	92	12	2	16	2	7	2	—	—	76	Dull a., then bright.
17	1021·6	1016·2	78·6	79·7	86	72	0·6	0·6	8·5	9·2	92	92	12	2	14	1	10	5	—	—	71	Dull, with ∞≡⁰.
18	1014·5	1014·5	80·8	81·3	89	76	1·7	0·5	8·2	10·2	79	93	16	1	16	1	5	2	—	—	75	≡⁰ all day.
19	1016·6	1017·9	82·4	82·4	91	74	1·6	2·7	9·5	8·2	79	67	16	1	14	2	2	2	—	—	73	≡⁰ all day.
20	1021·6	1024·0	86·3	83·6	92	74	1·1	1·7	13·2	10·2	87	80	16	1	16	2	7	5	—	—	72	Fine and warm.
21	1026·7	1027·1	86·3	83·6	x 94	77	2·2	1·2	11·5	10·9	75	86	18	1	18	1	8	2	—	—	77	Fine.
22	1029·8	1030·4	89·7	85·8	x 94	76	4·5	1·1	10·9	12·9	58	87	18	1	12	1	2	0	—	—	75	Fine.
23	1032·8	1032·1	88·0	82·4	92	75	3·9	2·2	10·5	8·8	61	73	12	1	12	1	0	0	—	—	74	Fine.
24	1030·4	1029·4	85·8	83·0	92	75	3·9	2·8	8·8	8·5	60	68	24	1	4	2	3	3	—	—	72	Fine.
25	1027·1	1023·3	85·2	82·4	92	73	3·9	2·2	8·5	8·8	59	73	28	2	4	1	3	0	—	—	71	≡⁰ early. Fine.
26	1019·6	1013·5	80·8	81·9	88	78	1·7	1·7	8·2	8·8	79	79	4	2	4	1	8	2	—	—	76	Dull a. Fine.
27	1013·5	1012·8	79·1	79·7	87	76	1·7	1·7	7·5	7·5	78	77	8	1	4	1	8	2	—	—	74	Dull, with ∞.
28	1016·9	1018·3	81·3	81·3	87	72	2·2	2·7	7·8	7·1	73	67	4	2	4	2	4	8	—	—	71	⌴
29	1021·3	1026·4	80·2	77·4	86	75	1·1	1·1	8·5	7·1	85	84	28	2	32	1	8	8	—	—	74	Dull, with ∞.
30	1028·1	1025·7	81·9	82·4	88	73	2·2	2·2	8·2	8·8	73	73	32	1	28	1	5	8	—	—	72	Dull, with ∞.
Mean	1022·7	1022·5	82·3	81·1	87·6	75·6	2·1	1·6	8·9	8·8	75	80	1·8		1·7		5·7	3·6	2·3	—	74·3	
Mean Barometer at Station Level.	1014·7	1014·5																				

Cambridge, a.—April 1912.

Heights above Mean Sea Level :—Station, H = 12·8 m. ; Barometer, H_b = 13·1 m. Heights above Ground :—Therms., h_t = 1·2 m. ; Rain-gauge, h_r = 0·3 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. 9 h.	21 h.	V.P. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Grass	Remarks.
1	1005·4	1019·9	77·6	76·2	82	76	1·1	1·4	7·1	6·1	85	79	26	5	28	1	9	0	—	8·0	72	△ a. and p. Very cold.
2	1026·7	1026·4	79·1	80·1	84	72	2·2	0·9	6·8	8·8	71	88	28	2	24	1	0	0	0·8	6·5	68	Fine till 13 h. ● 15 h. 30 m.
3	1031·1	1030·8	80·8	79·7	89	72	1·1	1·5	9·2	7·8	86	79	20	1	Calm	0	0∞	0	—	11·0	70	Beautiful day.
4	1029·1	1022·7	81·9	82·2	89	77	1·0	1·3	9·8	9·8	87	83	20	3	16	6–7	10	9	—	5·5	74	Sunny from 11 h.
5	1018·3	1020·3	85·2	84·1	92	82	1·5	0·7	11·5	11·9	82	90	20	5	20	1	10	0	—	0·8	80	Overcast most of day.
6	1019·6	1023·3	88·7	85·8	93	83	3·3	2·3	11·9	10·9	68	74	24	4	24	2–3	3	0	—	9·8	80	Very fine and warm.
7	1025·4	1018·9	84·1	84·0	90	80	2·7	1·0	9·2	11·5	70	88	24	1	24	3	8	0	—	3·2	76	Sunny intervals.
8	1006·4	1000·0	83·7	80·8	86	81	2·4	2·8	9·5	7·1	73	67	22	6–7	22	6	10	2	—	3·8	78	⁄. Overcast. ● 15 h.
9	1007·8	1007·8	78·6	77·4	82	75	3·7	1·7	5·1	6·5	56	75	24	7	24	2–3	2	10	2·8	11·8	71	Bright.
10	1004·4	1009·8	78·2	77·5	83	76	1·7	0·8	6·8	7·5	78	89	28	5	Calm	0	9	2	—	6·8	71	● n. Sunny intervals.
11	1012·8	1021·0	80·6	75·4	84	n 71	2·5	1·3	7·1	5·8	69	80	24	4	32	1	3	0	—	6·0	n 67	Bright till noon, then overcast.
12	1030·1	1031·1	79·1	74·1	84	n 71	2·1	0·5	6·8	6·1	72	89	30	2	Calm	0	3	0	—	11·0	n 67	Fine.
13	1031·8	1029·8	81·6	81·9	86	73	3·0	1·2	7·1	9·5	64	85	28	2	Calm	0	2∞	10	—	7·3	70	Fine.
14	1029·8	1029·1	82·4	80·2	87	79	1·6	1·7	9·5	7·8	79	77	24	2	24	1	9∞	0	—	3·1	79	Overcast a., then fine.
15	1029·1	1028·1	80·8	78·0	86	74	1·2	1·1	8·8	7·5	85	84	32	2	32	1	10	3	—	2·8	70	Cloudy.
16	1027·4	1023·3	78·7	79·3	87	72	0·6	1·8	8·5	7·5	92	76	32	2	32	1	10∞	0	—	9·2	69	Fine.
17	1019·6	1016·2	82·0	78·6	88	78	1·8	1·2	8·8	7·8	78	85	32	1	Calm	0	2	0	—	9·5	73	Overcast a., then bright.
18	1014·2	1013·5	79·1	79·1	90	72	0·6	1·1	8·5	7·8	91	84	32	1	Calm	0	0∞	0	—	9·4	69	Beautiful day.
19	1016·6	1018·6	86·3	83·3	92	75	3·8	1·9	9·5	9·5	61	78	12	1	Calm	0	1	5	—	7·8	72	Fine and very warm.
20	1022·7	1025·4	89·1	84·5	94	75	5·5	3·6	9·2	8·2	50	62	12	2	4	1	0	0	—	11·5	71	Beautiful day.
21	1027·1	1027·4	87·4	85·7	x 95	75	4·4	3·3	9·5	9·5	57	66	24	1	32	1	0∞	0	—	12·5	70	Beautiful day.
22	1029·1	1030·4	88·6	84·7	93	77	3·7	2·5	11·2	9·8	63	72	32	2	32	2	0	0	—	13·0	72	Beautiful day.
23	1030·8	1029·1	86·8	81·8	92	77	3·2	2·3	10·5	8·2	65	72	32	3	32	3	1	0	—	13·5	74	Beautiful day.
24	1027·4	1027·1	86·3	81·4	92	77	3·8	2·3	9·5	7·8	61	72	32	3–4	32	2	0	0	—	13·8	74	Beautiful day.
25	1025·4	1021·6	81·9	79·2	87	76	1·7	1·0	8·8	8·2	79	86	32	3	32	2	9	0	—	7·5	71	Gloomy till noon.
26	1018·6	1013·5	80·2	81·0	90	78	1·1	1·3	8·5	8·8	85	83	32	3	32	3	10	0	—	8·5	75	Gloomy a., then sunny.
27	1012·1	1012·8	80·7	79·7	89	78	1·6	1·5	8·5	7·8	80	80	4	2	30	2	10	0	—	8·8	76	Fine.
28	1014·2	1016·2	82·7	79·7	85	79	3·6	2·4	7·1	6·8	60	70	32	4–5	32	3	6	9	—	9·0	76	Fine.
29	1017·6	1023·3	82·0	78·7	85	76	2·9	1·8	7·5	7·1	66	77	32	3–4	2	1	9	0	—	5·2	74	⌒ 6 h. Sunny intervals.
30	1026·4	1025·4	83·0	80·0	85	74	3·1	2·0	7·8	7·5	65	74	32	2	4	2	6	10	—	6·8	71	Overcast from 10 h.
Mean	1021·2	1021·4	82·5	80·4	87·9	76·1	2·4	1·7	8·7	8·2	73	79	2·9		1·7		5·1	2·0	3·6	8·09	72·7	
Mean Barometer at Station Level.	1019·5	1019·8																				

† Beaufort Scale (0—12).

SOUTHAMPTON, HAMPSHIRE, a.—APRIL 1912.

Heights above Mean Sea Level:—Station, H = 19·5 m.; Barometer, H_b = 25·6 m. Heights above Ground:—Therms., h_t = 1·37 ft.
Rain-gauge, h_r = 0·3 m. Lat. 50° 55′ N. Long. 1° 24′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200 + °	
1	1006·4	1022·7	78·0	77·9	82	76	2·1	2·9	6·1	5·4	71	62	4	5	28	5	4	0	—	8·8	76	● n. Fine, with fresh breeze.
2	1031·5	1029·8	78·1	82·0	86	73	2·2	1·0	6·1	9·8	71	88	24	2	28	2	0	10	—	9·2	n 69	Bright till 16 h., then cloudy.
3	1032·8	1033·2	83·1	82·0	89	80	1·7	0·9	9·8	10·2	80	89	28	2	20	2	0	2	—	10·2	76	Fine. ⌓ p.
4	1032·8	1028·4	81·3	81·9	86	78	0·4	0·7	10·2	10·2	94	92	20	2	20	2	10	2	—	0·5	71	Dull and overcast. ⌓ p.
5	1025·4	1025·4	84·1	85·7	91	80	1·0	1·3	11·5	12·6	87	86	20	3	28	4	10	5	—	3·4	77	Dull till noon.
6	1026·7	1026·4	86·9	84·5	91	83	1·0	1·2	13·9	11·5	88	86	28	3	28	2	6	0	—	7·1	81	Dull to fine.
7	1027·4	1022·0	85·2	84·3	90	82	1·1	0·6	12·2	12·2	86	91	24	2	28	2	10	5	—	3·0	77	Cloudy. ⌓
8	1012·1	1006·4	83·0	80·8	85	81	2·1	2·6	9·2	7·1	75	68	28	4	28	4	10	0	—	1·7	81	Cloudy.
9	1013·2	1012·8	79·0	78·2	84	76	0·9	2·2	8·2	6·1	87	71	28	3	28	4	5	0	1·6	11·1	74	Fine. ● showers n.
10	1007·1	1011·8	80·8	80·2	85	77	2·7	1·5	7·1	8·2	68	79	28	3	28	2	5	0	—	7·7	74	Fine. Gloomy 16 h. 30 m.
11	1017·6	1022·3	78·0	79·6	87	74	1·0	2·2	7·5	7·1	85	77	28	2	28	3	8	0	—	8·3	70	Fine.
12	1031·5	1032·8	78·0	78·7	85	n 72	2·6	2·1	5·8	6·8	66	74	28	2	20	2	0	0	—	9·3	n 69	⊔ a. Fine.
13	1033·5	1031·8	80·2	82·4	84	77	0·7	1·8	9·2	9·2	89	77	24	2	28	2	10	0	—	—	74	Dull day.
14	1031·5	1029·8	84·7	84·3	89	80	2·7	3·1	9·5	8·8	70	66	28	2	28	2	6	0	—	2·9	76	Cloudy.
15	1029·8	1027·4	82·7	81·0	87	78	1·8	0·7	9·2	9·8	77	92	4	2	12	2	6	0	—	3·9	75	⌓ a. and p. Cloudy.
16	1026·7	1022·3	80·8	81·4	87	77	0·5	2·6	9·8	7·5	94	68	12	2	4	2	0	0	—	9·6	74	Fine. ⌓
17	1020·6	1016·2	81·1	80·3	87	78	1·3	1·5	8·8	8·2	83	79	4	2	12	2	7	0	—	8·6	74	Fine.
18	1014·5	1014·9	79·7	82·2	90	75	1·0	2·0	8·5	8·8	85	76	12	2	20	2	0∞	2	—	8·0	71	⌓ a. and p. Fine.
19	1017·6	1019·6	82·4	83·0	90	75	1·5	1·9	9·5	9·5	80	77	4	2	12	1	0∞	0	—	12·2	72	⌓ a. and p. Very fine.
20	1022·3	1025·7	86·9	84·1	91	77	2·7	1·8	11·2	10·5	71	79	14	2	12	2	0∞	0∞	—	11·8	74	⌓ a. and p. Very fine.
21	1027·4	1027·4	89·1	86·1	x 94	78	1·7	3·3	14·9	9·8	82	65	8	1	4	1	0∞	0∞	—	11·3	74	⌓ a. and p. Very fine.
22	1030·1	1028·7	87·4	86·8	x 94	80	2·6	3·7	11·9	9·8	72	62	4	1	12	2	0∞	0	—	12·7	75	⌓ a. Very fine.
23	1029·4	1027·4	86·6	85·7	93	81	3·5	4·7	9·8	7·8	64	54	32	2	4	4	0∞	0	—	13·0	79	⌓ a. Very fine.
24	1026·4	1025·0	84·7	85·5	92	79	2·7	4·7	9·5	7·8	70	53	32	3	4	4	0∞	1	—	12·8	77	⌓ a. Very fine.
25	1026·0	1020·6	85·2	84·5	92	79	3·8	2·7	8·5	9·5	60	69	4	3	4	3	0∞	0	—	12·9	77	⌓ a. Very fine.
26	1017·6	1008·4	80·2	85·2	90	77	1·3	2·2	8·5	10·5	82	74	4	3	4	1	5∞	0	—	9·3	76	⌓ a. Very fine.
27	1010·1	1009·4	82·2	84·7	91	80	1·3	2·3	9·5	10·2	83	74	4	3	4	5	0∞	1	—	10·1	77	⌓ a. Very fine.
28	1014·2	1016·6	83·0	81·9	89	78	2·7	2·9	8·5	7·5	69	66	4	3	4	3	0	0	—	11·7	76	Very fine.
29	1019·6	1023·7	81·9	82·0	84	78	3·2	2·6	7·1	7·8	63	69	32	3	4	3	6	10	—	5·7	72	Fine till 11 h., then cloudy.
30	1027·1	1026·0	83·0	82·3	88	75	2·8	3·0	8·5	7·8	68	65	4	3	4	2	2	0∞	—	13·1	72	Very fine.
Mean	1023·0	1022·5	82·5	82·6	88·5	77·9	1·9	2·2	9·3	8·9	77	74	2·5		2·6		3·7	1·3	1·6	8·33	74·7	
Mean Barometer at Station Level.	1019·7	1019·3																				

FALMOUTH, CORNWALL, a.e.—APRIL 1912.

Heights above Mean Sea Level:—Station, H = 50·9 m.; Barometer, H_b = 55·8 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·6 m. Lat. 50° 9′ N. Long 5° 4′ W. *Time*, Greenwich mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 10 h.	Cloud 10 h.	Rain 10 h.	Sunshine	Min. Grass	Remarks.
1	1012·8	1027·1	79·1	78·6	81	77	3·3	2·7	5·8	6·1	60	67	32	11	32	2	5	0	—	11·1	—	Bright and breezy.
2	1031·5	1031·8	82·0	82·4	85	77	2·9	0·6	7·5	10·9	66	92	26	5	24	4	7	10●⁰	0·8	6·9	—	Sunny.
3	1033·2	1034·8	82·6	82·4	86	82	0·8	1·0	10·9	10·2	90	87	28	4	24	3	5	9	—	4·3	—	Bright a. Cloudy p.
4	1033·8	1031·1	83·2	82·2	86	81	1·3	0·9	10·5	10·2	84	88	24	3	22	7	10	0	—	4·6	—	Overcast a. Bright p.
5	1029·1	1029·4	84·1	84·2	86	82	1·1	0·6	11·5	12·2	86	92	22	6	24	5	10	10	—	—	—	Overcast.
6	1029·8	1030·1	84·8	83·0	86	82	1·6	0·6	11·2	11·2	81	92	26	6	28	3	10	10	—	0·6	—	Overcast.
7	1028·7	1025·0	84·7	81·8	86	82	1·1	1·0	11·9	9·8	86	87	26	3	24	3	10	10	0·3	1·1	—	Dull.
8	1015·9	1012·5	82·0	81·3	85	80	1·1	3·3	9·8	6·8	86	61	24	6	28	6	10	10	—	2·7	—	Overcast. Sunny intervals.
9	1016·2	1015·2	79·7	80·2	81	79	3·6	2·2	5·8	7·1	57	72	32	8	22	7	4	10	1·0	11·4	—	Bright.
10	1011·8	1013·8	81·9	82·9	84	80	1·7	1·1	8·8	10·5	79	87	28	4	26	3	7	10●⁰	1·8	—	—	Dull and overcast.
11	1016·9	1024·0	82·1	79·1	84	79	1·4	2·8	9·5	6·1	83	66	32	4	32	4	2	0	—	9·2	—	Bright.
12	1031·5	1033·2	80·4	80·4	84	n 76	3·6	1·8	6·1	7·8	58	76	6	3	—	1	1	0	0·5	10·0	—	Bright.
13	1033·5	1032·5	81·5	80·8	84	80	1·3	0·7	9·2	9·5	84	91	—	1	—	1	10●⁰	0	0·5	0·2	—	Overcast.
14	1032·8	1032·1	83·2	82·8	86	81	2·7	1·4	9·8	9·8	80	83	30	2	32	2	10	10	—	2·3	—	Overcast a.
15	1030·8	1027·4	85·2	82·4	87	82	2·8	1·7	9·8	9·2	69	78	2	3	32	3	5	1	—	6·1	—	Cloudy.
16	1024·3	1021·0	84·7	82·0	85	81	2·3	2·8	10·2	7·8	74	67	10	3	8	2	9	0	—	9·3	—	Bright.
17	1017·6	1016·2	83·4	81·9	85	79	3·1	1·2	9·5	9·5	76	85	8	3	—	1	1	0	—	7·2	—	Bright till noon.
18	1014·2	1014·2	82·1	81·3	85	79	1·3	0·8	9·5	9·8	84	90	—	1	—	0	7	0	—	5·3	—	Cloudy.
19	1016·2	1017·9	84·8	82·6	86	78	1·8	0·8	10·9	10·5	79	90	16	2	14	4	3	0	—	11·7	—	Bright.
20	1020·6	1024·3	84·5	84·0	85	82	0·9	0·4	11·9	12·2	88	94	16	3	14	2	10●⁰	10≡⁰	—	—	—	Overcast. ≡⁰ p.
21	1026·0	1027·1	86·3	84·3	88	84	1·1	1·3	13·2	11·2	86	84	16	2	—	0	10	9	—	5·4	—	Cloudy. ⊕ 17 h.-18 h.
22	1027·4	1028·1	87·2	85·9	x 90	84	3·1	3·3	10·9	9·8	68	66	—	1	6	2	5	1	—	11·8	—	Bright and very warm.
23	1028·4	1027·4	87·4	86·3	x 90	84	4·2	3·3	9·5	10·2	59	65	4	3	—	1	0	0	—	13·0	—	Brilliant day.
24	1025·4	1025·0	86·0	85·8	x 90	80	4·3	3·2	8·5	9·8	58	67	4	4	32	2	1	0	—	12·9	—	Very fine.
25	1024·0	1020·3	86·4	84·0	89	81	5·1	2·7	7·8	9·2	51	70	4	3	30	2	1	0	—	12·3	—	Very fine.
26	1016·2	1011·5	85·3	83·1	86	81	3·4	1·2	9·2	10·5	64	85	6	3	8	2	0	0	—	11·8	—	Very fine.
27	1008·4	1008·8	85·2	84·1	87	81	2·5	1·7	10·2	10·5	72	80	6	3	—	1	0	0	—	11·3	—	Very fine.
28	1013·5	1017·6	84·5	81·9	87	80	3·2	1·7	8·8	8·8	65	79	2	2	32	4	0	0	—	12·7	—	Very fine.
29	1021·3	1024·3	84·2	81·4	87	79	2·9	1·3	8·8	9·2	68	84	—	1	32	2	7	0	—	12·6	—	Very fine.
30	1028·1	1027·7	84·1	80·2	86	79	2·9	1·7	8·8	7·8	68	77	10	3	20	2	0	0	0·3	12·6	—	Very fine.
Mean	1023·3	1023·7	83·8	82·4	85·8	80·4	2·4	1·7	9·5	9·5	74	80	3·5		2·7		5·3	3·7	5·2	7·35	—	
Mean Barometer at Station Level.	1016·5	1016·9																				

* Metres per second. † Beaufort Scale (0—12).

ARMAGH, a.—APRIL 1912.

Heights above Mean Sea Level:—Station, H = 59·8 m.; Barometer, H_b = 61·6 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200 + °	
1	1019·6	1024·7	80·4	75·2	84	n 72	3·7	1·3	5·8	5·8	56	78	32	2	—	1	2	4	0·3	7·3	n 67	Fine.
2	1024·0	1029·4	81·9	77·4	86	75	0·8	1·9	10·2	6·1	90	73	20	4	—	0	10	0	—	3·9	71	Fine.
3	1028·7	1027·4	81·7	82·9	85	75	2·1	1·6	8·5	9·8	74	81	20	4	20	5	9	10	—	2·0	71	Overcast from noon.
4	1022·3	1015·9	83·3	83·1	85	81	1·7	0·8	9·8	11·2	80	90	20	8	20	9	10	10	0·6	0·2	81	Overcast, high wind.
5	1017·6	1018·6	84·5	83·9	86	82	1·0	1·5	11·9	10·9	88	83	20	4	20	7	10	10	—	0·1	82	Overcast.
6	1020·3	1025·7	84·0	80·6	88	81	0·8	0·8	11·9	9·2	89	90	20	4	24	2	10	5	0·4	3·0	82	Very fine.
7	1021·3	1014·2	83·4	82·5	86	80	0·4	1·4	11·9	9·8	95	82	20	4	20	5	10	10	1·5	—	77	Overcast. Slight showers.
8	999·3	1008·1	80·9	75·5	83	76	3·0	0·3	6·8	7·1	65	95	24	7	30	2	5	9	3·3	6·5	80	A few heavy showers.
9	1013·5	1005·7	79·7	78·0	83	73	3·4	1·0	5·8	7·5	59	86	24	3	26	3	2	9	3·8	6·1	68	Fine a. Some showers p.
10	1008·1	1012·8	81·0	77·0	84	76	3·4	1·8	7·5	6·1	71	76	26	2	—	0	7	0	—	4·0	72	Fine.
11	1018·6	1025·4	80·8	75·8	84	74	3·8	1·6	6·1	5·8	57	76	32	2	—	1	7	3	—	9·6	70	Fine.
12	1029·1	1029·8	80·3	80·1	82	75	2·2	0·5	7·5	9·2	72	92	20	3	20	3	10	10	0·6	0·3	70	Overcast. Some drizzle p.
13	1031·8	1031·8	85·1	79·9	87	80	2·1	1·3	10·5	8·2	75	82	—	0	—	1	10	0	—	2·2	79	Very fine.
14	1031·5	1030·1	83·2	84·7	89	80	1·3	2·2	10·5	10·2	84	75	20	2	22	2	10	10	—	2·3	74	Fine and mild.
15	1029·1	1025·7	85·1	85·3	89	82	2·1	1·8	10·5	11·2	75	79	20	3	—	0	10	10	—	2·4	81	Fine and mild.
16	1021·6	1019·6	86·5	84·5	89	81	4·4	2·1	8·8	10·2	57	76	16	4	16	3	0	10	—	10·8	79	Fine and sunny.
17	1018·3	1014·9	84·0	79·5	86	79	2·8	2·1	8·8	7·1	69	73	16	4	12	3	1	0	—	9·0	77	Fine and sunny.
18	1012·5	1012·1	82·8	81·3	87	75	2·2	2·1	8·8	8·2	74	74	16	3	16	3	0	0	—	8·6	71	Fine and sunny.
19	1012·5	1012·5	84·6	81·4	87	79	4·1	1·7	7·8	8·5	59	78	16	6	14	5	0	8	—	8·0	75	Sunny a. Cloudy p.
20	1014·9	1018·9	85·0	84·1	87	81	1·8	1·0	10·9	11·5	79	87	14	7	14	4	10	10	14·5	0·2	80	Overcast.
21	1025·4	1029·1	80·1	79·7	84	79	0·3	0·1	9·5	9·5	96	98	—	1	—	1	10●	10●	15·7	—	79	● all day.
22	1029·4	1029·8	81·3	83·5	88	79	0·0	1·3	10·9	10·5	100	85	—	1	—	0	10●⁰	9	3·9	0·7	79	● till noon.
23	1032·8	1032·8	87·9	84·7	x 91	79	3·7	3·4	10·5	8·8	63	64	—	1	10	2	0	0	—	11·8	75	Very fine.
24	1032·1	1030·4	86·6	82·2	90	77	3·3	3·8	10·2	6·8	66	59	—	1	—	1	0	0	—	13·0	72	Very fine.
25	1027·1	1022·3	86·7	81·5	x 91	78	3·1	3·3	10·5	6·8	67	61	—	1	—	1	4	0	—	9·8	74	Fine. ꓘ 16 h.-22 h.
26	1017·2	1012·8	85·1	81·5	89	75	2·2	2·0	10·5	8·2	75	75	—	1	—	1	4	0	2·6	8·0	72	● 14 h.-15 h.
27	1013·2	1014·9	82·3	79·6	86	78	1·7	1·6	9·2	7·8	80	78	6	2	—	1	10	0	—	6·9	73	Very fine.
28	1018·9	1019·9	81·8	78·6	87	75	2·6	1·6	7·8	7·1	69	79	—	1	—	1	0	0	0·4	12·3	71	Very fine.
29	1022·7	1026·7	81·8	80·3	84	75	2·1	2·5	8·5	7·1	74	69	—	1	12	2	9	7	—	4·0	70	Very fine a.
30	1027·1	1022·0	82·2	81·3	86	75	3·3	1·0	7·1	9·5	62	87	12	3	16	3	3	10●	1·9	7·7	69	Fine till 18 h. ● in evening.
Mean	1021·3	1021·5	83·1	80·9	86·4	77·5	2·3	1·7	9·2	8·5	74	79	3·0		2·4		6·1	5·5	49·5	5·36	74·7	
Mean Barometer at Station Level.	1013·8	1013·8																				

MARKREE CASTLE, SLIGO, a.b.—APRIL 1912.

Heights above Mean Sea Level:—Station, H = 37·2 m.; Barometer, H_b = 38·7 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 54° 11′ N. Long. 8° 27′ W. *Time*, Dublin mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Grass	Remarks.
1	1019·9	1025·0	79·1	78·6	82	74	2·2	1·7	6·8	7·1	71	78	Calm	0	Calm	0	0	10	1·0	10·0	71	Fine.
2	1024·3	1030·8	81·9	75·2	85	75	0·6	0·5	10·5	6·5	93	91	Calm	0	Calm	0	6	0	—	7·7	77	
3	1029·8	1027·4	80·0	82·9	87	n 72	1·4	1·6	8·2	9·8	81	81	Calm	0	16	2	10	10	—	0·2	70	⊔. Overcast.
4	1024·0	1017·2	83·6	84·0	87	82	1·4	1·0	10·5	11·5	83	87	16	3	20	5	10	10	1·0	1·3	80	⟋ and drizzling ●.
5	1019·3	1021·3	84·1	83·8	88	83	1·1	0·9	11·5	11·5	86	90	26	4	28	1	10	9	—	3·2	82	Cloudy.
6	1021·0	1026·4	84·1	81·9	87	82	0·5	1·1	12·2	9·8	93	86	22	3	Calm	0	9	7	1·3	6·8	81	
7	1022·0	1015·5	85·1	82·4	86	80	1·2	0·9	11·9	10·5	85	88	20	2	22	2	10	10	2·3	0·9	77	Cloudy.
8	1003·7	1010·1	79·9	78·0	84	77	1·6	1·9	7·8	6·5	79	74	28	4	28	3	9	9	2·0	5·0	79	⟋▲ showers.
9	1015·2	1008·4	80·1	79·7	82	74	2·9	1·1	6·5	8·2	64	84	28	2	28	3	7	9	1·8	3·5	n 69	⊔. Cloudy.
10	1009·8	1014·2	79·7	78·6	83	79	1·7	1·7	7·5	7·1	77	78	28	2	28	1	10	0	0·8	2·8	77	Cloudy.
11	1019·3	1026·0	80·8	76·6	83	75	2·2	0·8	7·8	6·8	73	87	32	2	Calm	0	3	2	2·5	10·5	71	⊔ early. Fine.
12	1029·4	1029·8	78·6	81·3	83	76	0·6	0·3	8·5	10·5	92	95	Calm	0	Calm	0	10●	7	3·8	—	72	Overcast, with ●.
13	1032·1	1031·1	82·4	82·7	86	77	0·6	1·4	10·9	9·8	92	83	Calm	0	Calm	0	9	10	—	0·2	74	Overcast.
14	1031·1	1030·4	84·7	83·6	89	79	1·5	0·9	11·2	11·5	82	90	20	1	16	1	6	10	—	4·0	75	
15	1029·1	1025·0	83·2	83·6	88	81	0·9	1·3	11·2	10·9	90	85	12	1	12	1	9	9	—	2·3	80	Cloudy.
16	1021·3	1019·6	82·4	81·9	87	80	1·6	1·3	9·5	9·5	80	83	20	2	Calm	0	6	10	—	5·6	79	
17	1018·3	1013·8	82·4	80·8	87	80	1·1	1·2	10·2	8·8	86	85	16	1	Calm	0	10	9	—	3·5	77	
18	1011·8	1011·1	79·7	80·7	87	76	0·0	1·6	9·8	8·5	100	80	16	2	12	1	9	0	—	1·5	79	Cloudy.
19	1009·8	1008·4	82·9	83·9	89	77	1·6	2·0	9·8	9·8	81	77	12	3	14	4	1	10	—	6·5	76	Fine.
20	1011·1	1021·3	85·0	79·7	86	80	1·4	0·2	11·5	9·5	83	97	12	3	Calm	0	10●	10●	20·1	—	82	Overcast, with ●.
21	1026·4	1029·1	82·1	81·3	86	79	1·9	1·1	8·8	9·5	77	86	32	1	Calm	0	9	9	—	3·3	78	Cloudy.
22	1029·4	1029·8	82·4	78·5	85	74	1·4	0·5	9·5	8·5	81	94	32	1	Calm	0	7	0	—	2·0	72	⊔. Cloudy.
23	1031·5	1032·1	82·6	81·9	92	75	0·7	1·2	10·9	9·5	90	85	Calm	0	Calm	0	9	0	—	9·8	72	Fine.
24	1031·8	1030·4	87·4	81·3	x 94	75	3·3	1·1	10·9	9·5	66	86	Calm	0	Calm	0	0	0	—	12·5	72	⊔. Fine.
25	1028·1	1022·3	84·1	80·4	91	74	2·2	0·4	9·8	9·5	74	94	Calm	0	Calm	0	0	0	—	11·8	71	⊔. Fine. T 14 h.-15 h.
26	1017·2	1012·1	84·1	81·3	91	73	2·3	1·6	9·5	8·5	73	79	12	1	Calm	0	0	1	—	10·0	71	⊔. Fine. T p.
27	1010·8	1015·2	83·6	79·5	89	75	1·3	0·9	10·9	8·5	85	87	Calm	0	Calm	0	0	0	—	10·1	71	⊔. Fine. T
28	1018·9	1020·3	84·1	80·2	89	75	2·8	1·7	9·2	7·8	69	77	Calm	0	Calm	0	0	0	—	12·7	71	⊔. Fine.
29	1022·0	1025·7	81·3	81·8	86	n 72	1·9	2·5	8·2	7·8	76	70	32	1	12	1	10	10	—	2·0	n 69	Cloudy.
30	1025·4	1021·6	82·4	83·9	87	76	2·2	0·4	8·8	12·2	73	95	12	2	16	1	0	10	3·6	6·7	72	Fine. ● p.
Mean	1021·5	1021·7	82·4	81·0	86·8	76·8	1·5	1·2	9·7	9·2	81	85	1·4		0·9		6·3	6·0	40·2	5·21	74·9	
Mean Barometer at Station Level.	1016·8	1017·1																				

* Metres per second. † Beaufort Scale (0—12).

DUBLIN (PHŒNIX PARK), a.—APRIL 1912.

Heights above Mean Sea Level:—Station, H = 47·3 m.; Barometer, H_b = 48·5 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second). 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200+ °	
1	1018·9	1026·0	78·9	75·0	82	74	3·2	0·5	5·8	6·5	61	93	30	6	—	0	1	7	—	8·6	71	Beautiful day.
2	1025·7	1030·1	81·3	75·7	87	74	1·2	0·1	9·2	7·1	84	98	22	5	—	0	10	0	—	3·0	71	Cloudy.
3	1031·1	1030·1	82·6	84·0	86	71	2·4	1·5	8·5	10·9	71	83	22	3	22	3	0	10	—	5·2	n 70	Bright a., then overcast.
4	1025·7	1019·6	83·7	84·3	88	82	1·5	1·4	10·5	11·2	82	83	22	6	20	7	9	10	—	2·9	81	Cloudy.
5	1020·3	1022·0	84·1	84·3	88	84	0·7	0·9	11·9	11·9	92	89	22	7	22	7	10	10	—	0·9	83	Dull.
6	1022·3	1026·7	84·3	83·3	x 90	83	1·1	1·5	11·5	10·2	86	82	22	8	24	3	7	10	—	3·9	82	Cloudy.
7	1023·7	1017·9	84·4	82·5	86	81	1·0	1·2	11·9	10·2	88	85	22	4	22	5	10	10	1·5	—	79	Overcast. ●⁰ p.
8	1003·0	1008·4	81·3	77·0	84	76	1·0	0·8	9·5	7·1	88	88	22	9	26	5	7	3	—	5·6	80	Fine.
9	1015·2	1007·4	79·0	79·2	82	78	2·6	1·0	6·5	8·2	68	85	24	3	24	5	5	10	2·8	5·6	71	Bright a. ▲² 16 h. and 17 h.
10	1009·1	1013·2	80·3	78·3	84	76	1·9	0·9	7·8	7·8	75	88	26	2	—	1	8	6	—	2·7	74	Cloudy.
11	1018·9	1025·7	79·7	73·8	83	72	2·2	0·3	7·1	6·1	72	93	30	4	—	1	7	0	—	9·3	n 70	Beautiful day.
12	1030·4	1030·8	80·8	79·7	82	71	2·0	0·2	7·8	9·5	76	98	—	0	—	0	7	10	1·5	0·3	n 70	Overcast. ●⁰ 14 h.-17 h.
13	1032·1	1032·1	82·5	81·1	85	79	0·7	0·2	10·9	10·5	91	97	—	1	—	0	10	7	—	—	77	Overcast.
14	1032·8	1031·8	84·0	81·4	88	80	1·8	1·1	10·2	9·5	79	86	22	2	—	1	10	0	—	2·8	79	Cloudy.
15	1030·4	1026·7	84·2	83·1	x 90	79	1·9	0·6	10·2	11·5	77	93	—	1	—	1	7	8	—	5·5	75	Cloudy.
16	1023·0	1021·0	87·7	77·2	x 90	75	3·8	0·1	10·2	8·2	62	97	20	2	—	0	0	0	—	8·7	74	Bright.
17	1019·3	1015·9	83·9	75·2	85	72	2·6	0·1	9·2	7·1	71	99	8	2	—	0	0	0	—	11·7	n 70	Beautiful day.
18	1013·2	1013·5	84·3	78·7	87	71	2·8	0·8	9·2	8·2	69	90	—	1	—	1	3	5	—	5·1	n 70	Cloudy.
19	1013·5	1013·5	85·5	83·3	88	72	2·7	1·5	10·2	10·2	71	82	14	3	16	3	0	1	—	6·4	71	Bright a. Cloudy p.
20	1016·2	1020·6	85·7	85·7	87	83	1·2	1·1	12·6	12·6	86	87	16	4	16	4	10	10	2·3	—	80	Overcast.
21	1025·4	1028·7	80·3	80·3	86	80	0·1	0·1	10·2	10·2	98	99	24	2	32	2	10●	10●	17·3	—	79	●⁰ 1 h.-9 h. ●² 9 h.-21 h.
22	1029·1	1030·4	82·0	79·6	88	80	0·2	0·1	11·2	9·5	98	99	—	1	—	0	10	5	—	0·4	79	●² till 6 h. Dull.
23	1032·5	1032·1	87·2	78·1	89	76	2·3	0·2	11·9	8·5	75	98	8	3	—	1	0	0	—	12·6	76	Beautiful day.
24	1031·8	1030·4	85·0	77·1	88	74	2·1	0·3	10·5	7·8	76	96	4	3	—	0	3	0	—	12·3	71	Beautiful day.
25	1027·7	1022·7	86·9	78·4	89	73	2·2	0·5	11·9	8·5	75	94	—	0	—	1	0	2	—	11·8	71	Beautiful day.
26	1017·6	1013·5	85·1	78·9	86	74	1·9	0·1	10·9	9·2	77	98	—	1	—	1	0	0	—	11·8	72	Beautiful day.
27	1012·1	1014·5	83·7	78·7	85	75	2·1	0·2	9·8	8·8	76	97	6	3	6	2	3	0	—	11·0	74	Beautiful day.
28	1018·6	1019·9	82·0	74·8	84	75	1·9	0·2	8·8	6·8	76	98	4	3	—	0	4	1	—	11·6	73	Beautiful day.
29	1022·3	1026·7	82·7	74·7	85	71	2·4	0·2	8·5	6·8	71	96	—	1	—	1	6	0	—	11·4	71	Beautiful day.
30	1027·1	1023·7	83·8	82·8	85	n 70	3·6	1·0	7·8	10·5	61	88	—	1	24	2	2	10●	4·6	8·4	n 70	Fine.
Mean	1022·3	1022·5	83·2	79·5	86·2	75·9	1·9	0·6	9·7	9·0	78	92	3·0		1·9		5·3	4·8	30·0	5·98	74·5	
Mean Barometer at Station Level.	1016·3	1016·5																				

LIMERICK (MUNGRET COLLEGE).—APRIL 1912.

Heights above Mean Sea Level:—Station, H = 14·3 m.; Barometer, H_b = 15·2 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 52° 38′ N. Long. 8° 41′ W. *Time*, Dublin mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Grass	Remarks
1	1021·3	1026·7	79·0	77·1	84	n 73	2·4	1·0	6·5	7·1	70	85	32	5	20	2	0⌣	9	—	11·4	n 69	Fine.
2	1026·0	1030·1	83·1	77·2	86	76	0·3	0·4	11·9	7·8	97	95	20	4	Calm	0	10	0	—	1·8	71	Cloudy.
3	1031·5	1030·8	82·5	82·8	86	n 73	0·7	0·5	10·9	11·2	91	93	Calm	0	16	2	9	10	—	0·2	71	Dull.
4	1027·7	1023·0	84·5	84·7	87	82	1·3	1·0	11·2	11·9	84	87	20	5	20	4	10	10	—	4·4	79	Cloudy. ⊕ 16 h.
5	1023·7	1025·0	84·4	84·8	86	84	0·2	0·3	13·2	13·2	97	96	24	6	24	5	9●⁰	10●⁰	0·4	0·3	82	Overcast, with ●⁰.
6	1026·0	1028·4	83·4	83·1	86	83	0·0	0·0	12·6	12·2	100	100	24	4	24	2	10●⁰	10●ᶜ	1·2	0·5	83	Cloudy, with ●⁰.
7	1025·0	1019·6	83·2	82·4	91	82	0·4	0·9	11·9	10·5	95	90	20	2	24	5	10●⁰	6	0·5	2·8	84	Cloudy.
8	1008·1	1012·1	82·9	78·7	90	79	1·5	1·6	9·8	7·1	82	79	16	7	28	3	5	2	0·6	5·3	75	Cloudy.
9	1017·2	1011·8	79·2	80·8	82	74	1·7	0·4	7·5	9·8	78	95	24	2	24	4	4	10●⁰	1·6	4·7	70	Cloudy.
10	1010·8	1014·2	82·2	80·2	84	80	0·7	1·2	10·5	8·5	91	83	Calm	0	32	2	9●⁰	10	0·9	0·2	80	Dull a. Cloudy.
11	1019·3	1025·7	81·9	77·8	85	75	2·5	1·1	7·8	7·1	70	85	28	2	Calm	0	8	0	—	3·7	70	Cloudy.
12	1030·1	1030·8	79·2	82·4	85	74	0·1	0·3	9·5	11·2	99	95	Calm	0	28	2	10	10	—	1·8	71	Cloudy.
13	1032·1	1032·1	83·4	83·2	87	81	0·9	0·7	11·2	11·5	89	92	20	1	28	2	10	8	—	0·1	81	Overcast.
14	1032·8	1032·1	82·4	85·5	88	75	0·6	0·5	10·9	13·6	92	94	Calm	0	Calm	0	1	0	—	7·7	72	≡⁴ 7 h. Fine.
15	1030·4	1026·0	83·1	83·6	91	76	1·3	0·4	10·5	12·2	84	96	16	2	16	1	9	9	—	3·3	72	Cloudy.
16	1022·7	1019·6	83·1	83·0	88	75	1·3	1·0	10·2	10·5	84	87	16	3	16	3	5⌓²	10	—	10·0	72	Fine.
17	1017·6	1014·5	83·9	78·1	86	78	2·1	0·2	9·8	8·5	76	98	8	2	12	3	3	4	—	5·2	74	Cloudy.
18	1011·5	1011·1	82·9	81·9	86	75	1·4	0·9	9·8	9·8	83	88	16	3	12	4	6	1	—	2·5	71	Cloudy.
19	1010·5	1009·4	84·8	84·1	87	79	2·5	0·4	9·8	12·2	72	94	16	4	12	7	4	10●⁰	—	6·6	75	
20	1011·8	1021·0	86·4	79·8	87	80	0·9	0·2	13·6	9·5	89	98	16	6	Calm	0	10	10●	16·1	—	80	Drizzling ● all day.
21	1026·0	1028·4	80·8	81·4	85	79	0·4	0·4	9·8	10·5	95	94	4	2	32	2	10	9	—	1·6	79	Cloudy.
22	1029·1	1029·1	81·9	81·5	87	74	0·8	0·3	10·2	10·5	90	95	4	1	Calm	0	9	5	—	2·6	71	Cloudy. ⩌ ⩌ p.
23	1030·4	1030·1	86·8	82·0	x 92	74	1·2	1·3	13·6	9·5	86	84	8	1	Calm	0	2	0	—	12·2	71	Beautiful day.
24	1030·1	1029·1	86·3	82·3	91	76	2·2	1·8	11·5	9·2	75	79	4	2	8	2	0⌓²	0	—	13·3	72	Beautiful day.
25	1028·1	1021·6	84·6	85·0	x 92	75	2·1	1·6	10·2	11·2	76	80	24	1	8	3	0	7	—	11·5	71	Beautiful day.
26	1016·9	1011·1	85·0	80·6	x 92	76	2·1	0·2	10·5	10·2	76	98	4	1	12	3	0⌓²	1⩌	—	11·5	72	Fine.
27	1010·5	1012·8	84·5	81·8	91	75	1·6	0·8	11·2	10·2	81	90	8	1	8	3	3	0	—	7·6	72	Fine.
28	1017·2	1019·6	84·2	80·8	90	76	1·8	0·9	10·5	9·2	78	88	16	2	24	2	0	0	—	12·1	72	Beautiful day.
29	1022·3	1025·4	83·0	77·4	85	74	2·3	0·0	8·8	8·5	73	99	4	2	Calm	0	3	1	—	4·3?	70	Dull a.
30	1026·0	1023·3	84·0	84·0	88	74	1·6	0·1	10·5	12·9	80	99	12	3	16	3	2	10	0·1	6·4	70	Cloudy. ●⁰ showers evening.
Mean	1022·4	1022·5	83·2	81·6	87·5	76·8	1·3	0·7	10·5	10·2	84	91	2·5		2·3		5·7	5·7	21·4	5·19	74·1	
Mean Barometer at Station Level.	1020·6	1020·7																				

* Metres per second. † Beaufort Scale (0—12).

METEOROLOGICAL OFFICE, LONDON, *7th June* 1912.

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1912.

DEERNESS, ORKNEY, a.b.—MAY 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 49·7 m. Heights above Ground:—Therms., h_t = 1·2 m.; Rain-gauge, h_r = 0·3 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	°	
1	1014·9	1011·1	80·4	81·0	84	80	0·3	0·3	9·8	10·2	96	96	16	7	24	2	10●⁰	7	6·1	0·7	—	●⁰ a. and p.
2	1006·7	1007·4	83·4	80·7	84	80	1·1	0·4	10·9	9·8	88	95	22	5	28	5	9	3	1·5	5·3	—	● showers a. Cold and breezy p.
3	1014·9	1018·6	80·6	77·1	81	77	1·5	1·0	8·5	7·1	81	86	2	7	2	6	6	7	0·5	9·8	—	Fine, but cold.
4	1019·9	1020·6	79·2	78·0	80	n 76	2·3	2·0	6·8	6·5	70	73	6	4	14	3	10	10	—	0·1	—	Fair, but cold.
5	1018·3	1014·2	80·6	79·3	81	77	2·1	0·3	7·8	9·2	74	95	12	9	14	11	2	10●	1·5	3·1	—	●⁰ after 19 h.
6	1011·1	1011·5	80·7	80·8	82	79	0·1	0·1	10·2	10·5	99	99	14	7	14	5	10≡⁰	10≡	1·3	—	—	≡ 11 h.-17 h. ●⁰ p.
7	1011·1	1014·9	83·4	83·6	x 88	81	0·5	0·5	11·9	11·9	95	94	16	5	—	1	8	6∞	0·5	5·5	—	≡ n. Fine and mild.
8	1020·6	1013·8	86·2	83·4	87	83	1·2	0·0	13·2	12·6	87	100	—	1	16	6	3	10●⁰	3·3	2·8	—	●⁰ after 18 h. Very rough sea.
9	1015·5	1017·9	83·5	82·2	86	82	1·8	0·5	9·8	10·9	79	93	24	13	24	8	3	5	0·3	10·9	—	Fine and breezy.
10	1017·9	1016·2	82·4	81·3	86	81	0·4	0·2	11·2	10·5	94	98	26	9	18	2	8●	10	10·9	7·5	—	Bright intervals. ⊕ 17 h.-19 h.
11	999·3	997·2	81·0	79·5	84	80	0·1	0·3	10·5	9·2	98	96	12	12	28	9	10●²	9	7·1	1·8	—	●² till 14 h.
12	1007·8	1014·2	77·6	77·8	81	77	1·2	0·9	7·1	7·5	82	87	30	12	28	9	9	8	—	3·2	—	●² showers a.
13	1016·9	1015·9	80·6	80·9	84	77	1·1	0·3	8·8	10·2	85	96	26	7	18	4	10	9	—	3·0	—	Dull a. Fine p.
14	1009·1	1003·7	81·7	81·8	85	79	1·8	1·1	8·8	9·5	78	86	18	7	16	4	2	7	—	9·0	—	Very fine all day.
15	998·9	999·6	82·8	79·5	83	80	1·1	0·6	10·5	8·8	87	92	18	7	30	6	10●⁰	10●²	45·7	0·1	—	●⁰ till 19 h., then ●².
16	997·6	1003·3	79·9	80·6	81	79	0·6	0·4	9·2	9·8	93	95	2	10	30	8	10●²	10	7·1	—	—	●² till 13 h. Heaviest rain for
17	1008·8	1007·8	82·4	81·7	85	80	2·4	1·0	8·5	9·8	71	87	26	6	14	5	3	10	2·3	9·9	—	●⁰ 19 h.-21 h. [22 years.
18	1006·4	1010·8	82·5	80·6	85	81	1·9	0·9	9·2	9·2	76	88	24	7	24	5	5	2	—	11·9	—	Squally a. Fine all day.
19	1014·2	1015·9	82·8	79·0	86	79	2·4	0·6	8·8	8·5	72	91	24	6	28	2	6	1	—	7·5	—	Very fine.
20	1015·5	1014·2	83·2	80·0	85	77	2·6	1·1	8·5	8·5	70	85	2	2	6	4	2	3	—	15·6	—	Fine all day.
21	1012·8	1012·8	81·1	78·5	82	77	2·7	1·4	7·1	7·5	67	82	32	6	2	5	3	3	0·5	12·6	—	⊕ a. Fine and bright.
22	1011·5	1011·8	82·3	79·5	84	77	2·3	1·1	8·5	8·2	72	84	32	6	2	5	3	2	—	12·8	—	Fine and bright.
23	1012·8	1017·2	81·2	79·5	85	79	1·3	1·2	8·8	8·2	82	83	30	4	—	1	7	2	2·4	10·8	—	Fine and bright.
24	1022·3	1026·0	82·3	80·3	85	79	2·7	1·0	7·8	8·8	68	87	30	6	28	7	6	3	4·7	9·0	—	● showers a. and after 18 h.
25	1026·4	1026·4	80·1	78·4	82	78	1·6	1·3	7·8	7·5	79	82	30	8	28	7	4●	4	—	9·9	—	
26	1024·0	1021·6	81·7	79·4	83	78	2·4	2·5	8·2	6·5	71	68	30	8	30	6	8	10	—	7·2	—	Cold and breezy.
27	1018·6	1015·9	79·5	78·6	81	78	2·2	1·8	7·1	7·1	72	77	30	7	30	9	10	10	—	1·2	—	Cold, breezy, and very dry.
28	1013·8	1012·8	80·6	79·5	82	79	1·3	1·6	8·8	7·8	84	79	30	6	32	3	10	4	—	0·5	—	
29	1009·8	1011·1	82·1	81·1	83	78	1·4	0·5	9·5	9·8	83	93	14	4	14	2	8	7	—	0·5	—	
30	1013·5	1016·6	84·5	81·0	86	78	2·3	1·5	10·2	8·8	75	82	32	5	6	5	1	10	—	7·4	—	Very fine a. Dull p.
31	1015·9	1012·5	80·7	80·2	82	80	2·3	2·4	7·5	7·1	71	70	4	4	4	2	10	10	—	—	—	
Mean	1013·1	1013·3	81·6	80·1	83·7	78·9	1·6	0·9	9·1	9·0	81	88	6·7		5·1		6·6	6·8	95·7	5·79	—	
Mean Barometer at Station Level.	1007·1	1007·2																				

ABERDEEN, a.e.—MAY 1912.

Heights above Mean Sea Level:—Station, H = 14·0 m.; Barometer, H_b = 26·8 m. Heights above Ground:—Therms., h_t = 12·5 m.; Rain-gauge, h_r = 0·6 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 10 h.	Cloud 22 h.	Rain 10 h.	Sunshine	Min. Grass	Remarks
1	1017·9	1012·8	81·2	85·0	86	79	1·5	1·3	8·8	11·5	80	83	16	4	20	3	10	10	2·3	—	—	Occasional ●⁰ showers.
2	1008·1	1008·8	85·4	82·9	87	81	3·7	2·3	8·8	8·8	62	73	24	5	24	2	7	8	1·5	5·3	—	●⁰ early. ●⁰ showers p.
3	1014·9	1019·3	81·8	78·5	83	75	2·9	2·1	7·5	6·8	66	74	30	5	30	2	8	1	—	4·4	—	●⁰ showers early. Clear n.
4	1020·6	1021·0	80·4	79·3	81	n 74	2·6	2·2	6·8	6·8	68	72	6	3	12	2	7	8	—	7·1	—	Cloudy intervals. ⊕ 18 h.
5	1019·6	1015·9	79·9	80·3	82	79	1·4	0·8	8·2	9·2	81	88	14	5	14	4	10	10	1·3	0·9	—	●⁰ early and p.
6	1012·5	1012·5	81·4	85·3	88	80	0·3	1·2	10·5	12·2	96	84	16	3	18	2	10●≡⁰	10●⁰	0·8	—	—	≡⁰ and occasional ●⁰.
7	1013·5	1016·2	87·2	85·6	x 91	82	1·9	1·1	12·6	12·6	79	87	18	3	—	0	3	8	4·6	7·3	—	Distant ⏋ after 15 h. ∞⁰● n.
8	1022·0	1018·3	86·7	86·7	x 91	84	1·3	0·8	13·2	13·9	85	90	8	2	16	3	1	10	3·1	9·3	—	T⁰●⁰ showers 18 h.-21 h.
9	1019·3	1021·0	88·6	84·1	x 91	83	4·2	2·7	10·5	9·2	60	70	24	2	—	1	2	1	—	12·6	—	Fine and bright all day.
10	1020·3	1016·9	85·9	82·8	89	82	4·5	1·7	8·2	9·5	57	80	26	4	14	3	6	4	2·3	9·7	—	Cloudy intervals. ⊕ in after- [noon.
11	1000·0	1001·7	82·4	83·2	90	81	1·0	3·2	10·2	8·2	87	64	14	6	22	4	10	1	—	2·9	—	●⁰ showers a.
12	1008·1	1016·6	82·3	78·6	83	78	2·3	2·2	8·5	6·5	71	73	28	7	28	4	8	1	—	9·3	—	Cloudy to fair.
13	1019·9	1017·6	81·4	80·5	85	76	4·0	1·4	6·1	8·5	55	81	26	4	16	3	1	1	—	14·3	—	Bright all day.
14	1012·8	1006·7	82·4	85·3	x 91	75	3·4	4·0	7·1	8·5	61	59	14	3	18	2	1	1	—	14·4	—	Bright all day. [19 h. 30 m.
15	1001·7	999·3	84·9	81·4	89	80	3·0	0·6	9·2	10·2	67	92	14	3	32	2	7	10●	26·4	3·7	—	Very gloomy after 18 h. ●² after
16	993·5	1003·7	78·8	80·6	81	78	0·9	1·6	8·2	8·2	89	80	26	13	26	10	10●	9	0·5	0·1	—	Dull, with ●².
17	1011·1	1009·8	83·7	81·7	86	79	3·7	0·7	7·8	10·2	60	91	26	5	—	1	1	7	1·0	10·1	—	Cloudy intervals.
18	1009·1	1013·5	84·8	83·5	87	82	4·1	1·8	8·2	9·8	59	79	26	4	—	0	3	8	3·3	6·4	—	▲● showers p. ⌒
19	1016·2	1016·2	84·8	82·4	85	80	3·6	1·4	8·5	9·5	62	81	—	1	16	2	10	10●	2·3	1·3	—	Cloudy to dull. ●⁰ p. and n.
20	1014·9	1012·1	81·9	81·7	83	81	0·8	0·5	10·2	10·5	90	94	—	1	6	4	10●≡⁰	10	0·5	—	—	●⁰≡⁰ a. ●⁰ n.
21	1011·5	1012·5	81·2	78·7	82	76	2·0	1·7	8·2	7·1	75	78	4	6	32	2	9	3	—	0·1	—	●⁰ showers p. ⊕ 19 h.
22	1011·5	1011·5	81·8	80·1	82	n 74	2·6	1·7	7·8	7·8	69	78	6	4	2	2	1	3	—	15·0	—	Fine and bright, but very cool.
23	1012·1	1017·2	81·5	80·4	84	77	1·4	1·5	8·8	8·2	82	80	4	6	2	2	9	1	0·3	3·0	—	●⁰ showers p. Clear n.
24	1022·7	1027·4	82·1	81·1	85	76	2·3	2·1	8·5	7·8	72	73	26	4	30	2	7	0	—	10·7	—	Fine throughout.
25	1027·7	1027·4	83·8	79·7	86	76	3·8	2·7	7·5	6·5	59	66	26	6	28	3	4	1	—	14·8	—	Fair to bright throughout.
26	1024·7	1022·3	81·4	79·9	85	76	2·4	2·0	7·8	7·5	70	76	28	5	28	3	7	1	—	11·7	—	Cloudy intervals.
27	1018·9	1016·6	81·2	80·2	84	79	2·9	2·1	7·1	7·5	65	73	28	6	30	3	10	8	—	9·5	—	⊕ 15 h.
28	1014·5	1013·8	83·0	81·6	88	78	2·6	1·5	8·5	8·8	70	81	26	6	12	2	9	9	—	7·8	—	Cloudy.
29	1010·1	1009·8	85·0	82·4	87	81	1·9	0·5	10·9	10·9	77	93	16	2	—	1	9	10	0·5	2·7	—	●⁰ showers a. Cloudy to dull.
30	1013·5	1016·2	81·5	81·5	84	79	1·2	1·2	9·5	9·2	85	85	6	3	2	2	10	0	—	6·7	—	Fair to bright. Fine sunset glow.
31	1015·9	1012·8	81·8	81·2	84	79	2·0	2·0	8·5	8·2	75	75	4	3	—	1	10	10	—	0·6	—	Dull to very cloudy.
Mean	1014·2	1014·4	82·9	81·8	85·7	78·8	2·5	1·7	8·8	9·0	72	79	4·3		2·5		6·8	5·6	50·7	6·51	—	
Mean Barometer at Station Level.	1010·8	1011·0																				

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.

* Metres per second.

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FORT WILLIAM, INVERNESS-SHIRE, a.—MAY 1912.

Heights above Mean Sea Level :—Station, H = 52·1 m. ; Barometer, H_b = 11·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	°	
1	1016·2	1012·1	81·9	81·3	85	79	0·6	0·2	10·5	10·5	93	97	20	2	20	1	10	10●	11·4	—	—	Dull and rainy all day.
2	1009·8	1010·8	83·1	82·0	87	80	1·8	1·6	9·8	9·2	79	80	20	1	24	1	10	9	0·5	—	—	Overcast, with ● showers.
3	1014·9	1017·6	81·2	80·8	87	80	1·5	2·8	8·8	7·1	81	67	4	2	4	2	8	10	—	—	—	Intermittent sunshine.
4	1018·3	1016·6	81·7	81·3	86	77	3·0	2·6	7·1	7·5	65	68	20	1	12	2	6	10	—	—	—	Dull intervals.
5	1015·2	1011·1	82·9	84·1	85	80	3·7	2·7	7·1	9·2	60	70	12	2	20	1	10	10●⁰	—	—	—	Dull all day.
6	1009·4	1010·5	83·0	83·6	86	82	0·5	0·5	11·5	11·9	94	94	20	1	20	1	10≡	10●⁰	8·4	—	—	Clouds very low.
7	1012·5	1014·5	84·6	84·7	87	83	0·5	0·4	12·9	13·2	94	96	20	1	20	1	8≡	10≡	7·9	—	—	
8	1021·0	1018·6	86·7	84·7	90	84	1·0	0·5	13·6	12·9	88	94	20	1	20	1	10≡	10≡	18·3	—	—	≡●²
9	1021·0	1022·3	84·6	83·5	90	83	1·7	1·7	10·9	10·2	80	80	20	1	20	1	8	8	—	—	—	Fine and sunny.
10	1021·0	1014·5	84·1	84·3	90	81	1·5	1·9	10·9	10·5	83	78	20	1	20	1	8	10	4·6	—	—	Fine and sunny all day.
11	997·6	1004·0	84·1	79·9	87	80	0·1	1·5	12·9	7·8	98	79	20	2	20	2	8	4	3·1	—	—	● a. Fine and clear later.
12	1010·8	1017·9	82·9	78·5	86	79	2·7	2·3	8·5	6·5	68	72	4	2	Calm	0	8	1	—	—	—	Fine and sunny.
13	1020·6	1017·6	81·2	79·3	88	n 74	3·3	1·5	6·8	7·8	62	80	Calm	0	26	3	1	1	—	—	—	Fine, clear, and sunny.
14	1011·5	1005·7	83·1	83·1	88	79	2·5	1·3	8·8	10·2	71	84	24	4	24	1	10	10	3·1	—	—	Fair to fine. Dull n.
15	999·6	998·9	81·9	81·1	84	81	0·5	1·5	10·5	8·8	94	81	20	3	24	3	10●⁰≡⁰	7	2·3	—	—	● showers. Sunny intervals.
16	1001·3	1009·1	82·3	81·3	86	79	3·7	2·2	6·8	7·8	58	72	32	3	26	2	10	2	0·3	—	—	Fine, clear, and sunny.
17	1012·1	1008·8	84·9	81·5	90	78	2·0	0·3	10·5	10·5	77	96	24	3	20	1	8	10	7·1	—	—	Fine till 17 h., then ≡⁰●.
18	1010·8	1014·2	81·3	80·9	89	79	1·6	1·2	8·5	8·8	80	85	22	3	20	2	10≡⁰	5	0·5	—	—	Mostly fine and sunny.
19	1016·2	1015·2	83·0	82·3	89	79	1·3	1·7	10·2	9·2	84	78	20	2	Calm	0	10	10	—	—	—	Mostly fine and sunny.
20	1012·8	1010·1	82·4	81·8	85	81	1·4	1·0	9·8	9·8	82	87	4	4	4	4	10	10	—	—	—	Dull and cloudy.
21	1010·8	1011·1	81·9	80·8	86	80	1·3	2·2	9·5	7·8	84	73	4	5	4	5	10	10	—	—	—	Fine, clear, and sunny.
22	1010·8	1010·1	81·9	81·3	86	77	4·4	3·2	6·1	6·8	53	62	4	5	4	4	2	3	—	—	—	Fine, clear, and sunny.
23	1012·5	1016·9	83·5	83·1	88	75	3·8	3·0	7·5	8·2	58	66	4	4	6	4	2	10	—	—	—	Fine, clear, and sunny.
24	1023·3	1027·4	85·2	82·3	89	77	3·4	2·7	8·8	8·2	63	68	Calm	0	6	2	8	2	—	—	—	Fine, clear, and sunny.
25	1028·7	1027·4	85·3	83·6	x 92	76	3·4	3·2	9·2	8·2	63	65	Calm	0	28	3	1	2	—	—	—	Fine, clear, and sunny.
26	1024·7	1022·3	84·9	84·7	90	75	4·0	2·9	8·2	9·5	58	69	4	1	Calm	0	2	10	—	—	—	Alternate sun and cloud.
27	1019·3	1017·2	83·7	83·1	87	80	1·8	1·2	10·2	10·5	79	85	Calm	0	24	2	10	10	—	—	—	Dull and cloudy.
28	1015·5	1013·5	87·4	83·8	91	81	2·7	0·8	11·5	11·5	71	90	Calm	0	Calm	0	7∞	10●	1·5	—	—	Mostly fine and sunny. ∞ at times.
29	1010·8	1010·1	84·1	81·3	89	81	1·6	0·6	10·5	9·8	81	92	20	2	Calm	0	10●⁰	4∞	—	—	—	Fine and sunny.
30	1011·1	1014·2	86·7	83·6	90	75	3·6	2·2	9·8	9·5	64	75	4	2	4	4	3	7●	0·5	—	—	Fine till 16 h., then ● showers.
31	1013·8	1010·5	86·2	83·6	90	79	3·5	2·0	9·8	9·8	64	77	4	2	8	1	7∞	10	1·5	—	—	Sunny intervals
Mean	1014·0	1013·9	83·7	82·3	87·7	79·2	2·2	1·7	9·6	9·3	75	79	1·9		1·8		7·6	7·6	71·0	—	—	
Mean Barometer at Station Level.	1012·6	1012·5																				

DUNDEE, FORFARSHIRE, c.d.—MAY 1912.

Heights above Mean Sea Level :—Station, H = 48·8 m. ; Barometer, H_b = 50 m. Heights above Ground :—Therms., h_t = 1·16 m. ; Rain-gauge, h_r = 0·3 m. Lat. 56° 28′ N. Long. 2° 56′ W. *Time*, Greenwich mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. Wet 9 h.	21 h.	Vap. Pr. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1018·6	1015·5	81·3	84·8	87	77	1·1	1·2	9·5	8·2	86	85	12	1	20	1	10	10	0·5	—	—	Dull and cloudy.
2	1010·1	1010·1	84·1	82·3	89	82	2·5	2·2	9·5	9·2	72	72	20	3	20	1	5	5	—	—	—	Fine.
3	1015·2	1019·3	81·3	79·4	84	79	1·3	1·4	8·8	7·8	83	80	8	5	4	1	10	10	—	—	—	Dull till 10 h., and from 15 h.
4	1020·6	1021·3	79·7	79·4	84	n 75	2·3	1·7	7·1	7·5	71	77	8	1	8	1	10	10	—	—	—	Mostly dull and cloudy.
5	1018·6	1015·5	81·3	80·2	82	78	1·6	0·2	8·5	9·8	79	96	12	5	12	1	10	10	5·1	—	—	Dull till 14 h. ●⁰ from 15 h.
6	1012·8	1013·2	81·9	84·1	89	80	0·3	0·8	10·9	11·9	97	90	8	1	16	1	10	10●	1·0	—	—	≡⁰● till 8 h.
7	1014·2	1016·2	88·6	86·9	x 92	83	1·7	1·1	14·2	13·9	82	87	20	1	20	1	5	10	—	—	—	Fine till 18 h.
8	1022·0	1019·6	90·7	86·1	x 92	82	3·3	0·3	13·9	14·6	68	96	20	1	20	1	5	10●	9·4	—	—	Fine till 16 h. ● from 17 h., then dull.
9	1020·6	1022·3	89·1	83·9	x 92	84	2·8	2·6	12·9	9·2	72	71	20	3	24	1	5	10	—	—	—	● early; fine till 20 h., then dull.
10	1021·0	1016·2	84·7	81·9	91	80	2·3	0·8	10·2	10·2	74	90	20	1	12	1	10	10	1·0	—	—	Fine 10 h.–19 h.
11	1000·0	1003·3	85·2	82·4	89	81	0·8	1·6	12·6	9·5	90	79	20	3	24	3	10	5	—	—	—	Dull till 17 h., then fine.
12	1008·8	1016·6	83·4	80·6	87	80	2·6	2·0	8·8	7·8	70	75	28	3	28	1	5	10	—	—	—	Fine till 20 h., then dull.
13	1020·6	1017·6	83·1	79·6	87	n 75	3·4	0·7	7·5	8·8	62	91	24	1	28	1	5	0	—	—	—	Fine.
14	1013·2	1007·1	84·2	82·4	89	77	4·0	0·9	7·8	10·5	58	88	20	1	24	1	10	5	—	—	—	Fine from 10 h.
15	1001·7	999·3	89·4	80·5	90	80	3·1	0·5	12·9	9·5	69	93	20	3	24	2	5	10●	19·0	—	—	Fine till 15 h. ● from 16 h.
16	997·6	1005·4	81·4	81·3	86	79	2·0	2·2	8·2	7·8	75	73	28	5	28	5	10	10	—	—	—	Dull and cloudy.
17	1011·8	1010·5	85·8	84·7	90	78	2·8	2·3	10·2	10·2	70	74	20	3	20	1	0	10	—	—	—	Fine till 16 h., then dull.
18	1010·1	1014·2	86·1	82·2	89	81	3·2	1·7	10·2	9·2	67	80	28	3	24	1	5	5	0·8	—	—	Fine till 13 h., and after 14 h.
19	1017·2	1015·9	84·1	83·6	90	81	2·5	1·1	9·5	11·2	72	87	20	1	20	1	10	10	—	—	—	Dull till 12 h., and after 16 h.
20	1014·2	1011·1	82·4	80·9	85	81	0·8	0·7	10·5	9·8	90	92	8	3	8	3	10	10	0·5	—	—	Dull and cloudy. ●⁰ 18 h. 30 m.
21	1011·5	1012·1	81·6	78·7	84	78	0·8	0·8	9·8	8·2	89	90	4	3	8	1	10	10	—	—	—	Dull and cloudy.
22	1011·8	1011·8	82·4	78·9	86	n 75	2·2	0·9	8·8	8·2	73	88	4	1	4	1	5	0	—	—	—	Fine.
23	1011·8	1017·2	83·4	80·5	85	76	2·9	1·0	8·5	8·8	68	87	4	3	4	1	10	0	—	—	—	Dull till 17 h., then fine.
24	1022·7	1027·7	84·4	79·1	86	77	2·5	0·5	9·5	8·8	71	92	20	1	32	1	5	0	1·0	—	—	●⁰ 14 h.
25	1027·7	1028·1	86·3	81·3	89	76	2·7	1·1	10·9	9·5	70	86	16	1	4	1	0	5	—	—	—	Fine.
26	1025·4	1022·3	84·7	80·5	88	76	2·8	1·1	9·5	8·8	69	86	12	1	4	1	5	10	—	—	—	Fine till 20 h., then dull.
27	1019·9	1017·2	82·7	81·9	87	77	2·2	1·4	8·8	9·2	73	83	12	1	8	1	10	10	—	—	—	Dull till 12 h., and after 17 h.
28	1014·5	1013·8	85·5	81·9	88	79	2·4	0·8	10·5	10·2	73	90	24	1	4	1	10	10	—	—	—	Dull till 9 h., and after 15 h.
29	1010·8	1011·5	86·8	83·3	91	77	1·6	1·7	12·9	9·8	82	80	20	1	20	1	10	0	—	—	—	Dull till 10 h., then fine.
30	1012·5	1015·9	82·9	81·7	86	78	1·1	1·3	10·5	9·5	87	85	8	3	8	1	10	10	—	—	—	Fine 11 h.–19 h.
31	1016·2	1013·2	82·3	81·4	85	79	1·2	1·2	9·8	9·2	85	85	8	1	8	1	10	10	0·3	—	—	Dull till 12 h., and after 16 h.
Mean	1014·6	1014·9	84·2	81·8	87·6	78·8	2·2	1·2	10·1	9·5	76	85	2·1		1·3		7·6	7·6	38·6	—	—	
Mean Barometer at Station Level.	1008·6	1008·7																				

† Beaufort Scale (0—12).

GLASGOW, LANARKSHIRE, a.—MAY 1912.

Heights above Mean Sea Level :—Station, H = 54·9 m. ; Barometer, H_b = 56·1 m. Heights above Ground :—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 55° 53′ N. Long. 4° 18′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200 + °	
1	1017·9	1013·8	80·9	83·5	85	80	0·4	0·1	10·2	12·6	96	99	—	1	20	2	10	10●	4·3	—	79	Showery. ●² n.
2	1010·8	1011·8	83·7	81·9	86	82	2·6	1·7	8·8	8·8	70	79	24	4	24	3	7	8	—	6·3	81	Bright intervals.
3	1014·5	1017·6	83·9	80·1	86	80	3·0	1·9	8·5	7·5	67	76	26	2	8	5	10	10	—	1·0	80	Dull. Bright mid-day.
4	1018·9	1018·6	80·1	80·4	84	79	2·6	2·0	6·8	7·5	68	74	8	5	8	4	10∞	10	—	0·1	78	Dull, with ∞.
5	1016·6	1012·8	81·7	82·4	83	78	2·6	0·6	7·8	10·9	69	93	6	3	8	3	10	10	3·8	—	77	●² showers 4 h. and 22 h.
6	1011·8	1012·1	84·3	84·3	87	82	0·8	0·8	11·9	11·9	90	90	20	4	18	3	10	10●⁰	2·3	—	82	Showers in evening.
7	1014·5	1016·6	85·6	85·2	89	84	0·5	1·0	13·6	12·2	94	88	22	4	—	1	10●⁰	9	—	0·8	83	Dull and overcast.
8	1022·7	1020·6	87·1	85·7	90	85	1·3	0·4	13·6	13·9	85	95	20	2	22	3	10	10●	14·2	0·1	82	●² after 19 h.
9	1022·7	1023·3	85·5	83·5	88	84	2·0	2·3	11·2	9·2	77	74	24	5	26	2	10	6	—	9·0	84	Fine and bright.
10	1021·3	1015·2	84·1	86·0	90	80	2·0	2·2	10·2	11·2	77	75	—	1	—	1	10	10	0·5	6·4	75	∞ a. Fine p.
11	1000·6	1005·0	86·7	81·9	87	82	1·6	1·8	12·9	8·8	82	77	20	5	22	4	8	4	—	2·0	83	Dull a. Bright p.
12	1009·8	1016·2	84·6	82·6	87	81	3·3	1·3	8·8	9·8	64	84	26	3	—	1	6	9	0·2	7·2	77	Cloudy a. ⌒ 18 h. 30 m.
13	1020·3	1018·6	81·5	80·9	87	n 77	2·3	2·3	7·8	7·5	72	72	8	2	24	3	7	1	—	12·1	74	∞ a. Fine.
14	1012·8	1006·7	84·0	84·3	90	80	3·2	3·1	8·5	8·8	65	66	20	4	18	3	10	10	—	7·1	76	Fine afternoon.
15	1000·6	997·9	84·8	81·3	85	81	2·4	1·5	10·2	8·8	73	80	20	3	26	2	10	10	—	0·1	75	Dull and overcast.
16	1000·0	1008·1	82·7	81·7	86	79	3·6	2·5	7·1	7·8	60	70	28	6	26	6	8	0	—	8·0	77	Cloudy a. Fine p.
17	1013·2	1010·1	83·5	83·7	89	79	2·4	1·8	9·2	10·2	72	79	24	3	18	4	8	8	1·1	5·6	75	Bright intervals a. Dull p.
18	1011·1	1014·9	83·5	82·0	87	80	2·8	2·1	8·8	8·5	68	74	24	5	26	2	9	4	1·4	10·7	78	Fine and bright.
19	1016·6	1014·9	82·6	83·6	87	78	1·8	1·0	9·2	11·2	77	88	—	0	—	1	8∞	10	—	—	n 71	Dull and overcast.
20	1011·5	1009·1	83·7	81·0	86	81	1·7	0·8	10·2	9·5	80	90	8	4	6	3	10	10●	1·8	0·1	77	Dull. Drizzle in evening.
21	1009·4	1010·8	83·4	80·2	86	80	2·2	1·3	9·5	8·2	75	82	6	6	8	4	10	10	—	3·7	79	Dull a. Bright p.
22	1009·8	1010·1	81·8	79·9	85	n 77	3·3	1·8	7·1	7·5	62	76	6	5	8	3	7	0	—	12·4	74	Fine.
23	1011·5	1017·2	82·5	82·0	86	78	2·5	1·9	8·2	8·8	70	76	6	4	8	3	9	10●⁰	0·8	4·1	73	Cloudy. ●⁰ in evening.
24	1022·3	1027·1	85·3	82·3	90	80	3·5	2·0	8·8	8·8	63	76	24	3	6	2	3	6	—	8·9	74	Fine and bright.
25	1028·4	1026·4	85·1	83·7	90	n 77	3·5	2·0	8·8	9·8	63	77	—	1	26	3	3	1	—	10·7	n 71	Cloudy a. Fine p.
26	1024·3	1021·0	83·7	82·5	x 91	79	2·8	2·5	8·8	8·5	69	71	—	1	6	4	6	8	—	12·8	n 71	Fine.
27	1018·9	1016·2	82·4	84·0	87	78	1·8	1·6	9·2	10·5	78	81	—	0	26	3	10●⁰	10	—	—	n 71	Slight drizzle a.
28	1014·9	1013·8	86·4	85·7	90	82	3·1	2·6	10·5	10·5	68	71	26	3	24	3	3	10	—	7·5	80	Fine and bright a.
29	1011·1	1010·1	84·1	82·9	89	83	2·3	1·7	9·8	9·5	74	80	26	5	22	2	10●⁰	3	—	4·1	80	Cloudy a. Clear evening.
30	1010·5	1014·2	86·0	82·9	88	80	3·1	1·6	10·2	9·8	67	81	10	2	8	4	6	10	2·9	2·4	74	●² shower 13 h.
31	1013·8	1010·8	83·8	82·4	85	81	2·5	1·3	9·2	9·8	72	84	6	6	6	4	10	10	1·1	0·4	80	Dull, with ∞.
Mean	1014·3	1014·3	83·9	82·7	87·3	80·2	2·4	1·7	9·5	9·6	73	80	3·3		2·9		8·3	7·6	34·4	4·63	77·1	
Mean Barometer at Station Level.	1007·5	1007·4																				

COCKLE PARK (NEAR MORPETH), NORTHUMBERLAND.—MAY 1912.

Heights above Mean Sea Level :—Station, H = 98·7 m. ; Barometer, H_b = 100·8 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 55° 13′ N. Long. 1° 41′ W. *Time*, Local mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. Wet 9 h.	21 h.	Vap. Pr. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1021·3	1016·9	82·3	82·9	87	n 73	0·9	1·5	10·2	9·8	89	82	22	1	20	3	10	8	0·5	0·3	n 69	● showers n. and a.
2	1011·5	1011·1	84·5	80·9	87	80	0·8	0·7	12·2	9·5	89	91	24	3	24	4	8	4	0·3	0·4	79	●⁰ showers.
3	1014·5	1018·3	84·1	81·7	85	77	3·1	1·6	8·8	8·8	66	81	28	3	24	1	7	7	—	3·8	75	Cloudy.
4	1019·9	1021·0	81·2	79·1	82	77	2·8	1·7	7·1	7·5	66	79	8	2	8	2	6	10	0·5	7·3	77	Fine.
5	1018·9	1016·2	82·5	80·1	83	78	1·3	0·5	9·8	9·5	84	93	12	4	12	2	10	10	2·3	—	76	● showers.
6	1013·2	1015·2	83·1	84·1	89	79	0·8	1·6	11·2	10·5	90	82	20	1	20	1	10	8	—	1·3	79	● showers n. Dull.
7	1015·9	1017·2	88·0	85·9	89	78	2·7	0·7	12·2	13·6	72	92	20	1	Calm	0	6	10	1·8	4·4	77	Fine day. Showery evening.
8	1023·3	1022·0	89·0	87·5	x 94	83	2·3	1·4	13·9	13·9	77	83	24	2	20	4	6	8	0·3	8·9	78	Fine.
9	1022·7	1023·0	88·8	83·4	89	84	1·0	2·9	15·9	8·5	90	67	24	4	24	1	6	4	—	13·1	79	Fine and warm.
10	1021·6	1018·9	86·8	82·5	89	79	1·8	1·1	12·6	10·2	79	86	32	1	8	1	2	10	0·8	6·5	72	Fine.
11	1003·7	1004·7	87·3	82·6	91	77	1·9	1·7	12·9	9·5	79	78	20	1	24	5	4	4	1·0	6·1	81	● showers. ↗ most of day.
12	1009·1	1017·6	85·2	78·5	88	77	3·2	0·9	9·2	7·8	65	88	28	3	24	1	5	3	—	9·6	75	Fine.
13	1021·0	1019·3	82·0	80·2	84	76	2·4	0·5	8·2	9·5	71	93	12	1	16	1	7	2	—	11·7	71	Frosty n. Fine.
14	1016·6	1007·4	84·6	82·4	x 94	75	3·1	2·6	9·2	8·2	67	69	24	2	24	1	1	3	—	14·5	72	Fine.
15	1002·7	996·2	87·6	81·5	92	79	3·0	0·0	11·2	11·2	68	100	16	3	28	2	9	8	18·0	3·2	74	Cloudy a. ● p.
16	997·6	1004·7	81·0	82·5	84	79	1·8	3·4	8·2	7·5	78	62	28	3	28	3	7	9	0·8	—	79	● showers all day.
17	1012·8	1012·5	84·0	81·1	87	78	3·7	1·5	7·8	8·8	61	81	28	2	24	1	3	5	—	8·6	76	Fine.
18	1011·5	1015·2	84·3	82·3	89	81	3·3	1·8	8·5	9·2	64	78	28	3	28	2	5	2	—	10·0	77	Fine a., then ●⁰ showers.
19	1017·6	1015·9	84·7	82·2	86	77	2·7	1·9	9·5	8·8	70	76	24	1	Calm	0	9	10≡⁰	1·3	2·6	75	
20	1013·2	1008·4	82·5	81·2	85	80	0·5	0·0	11·2	10·9	93	99	Calm	0	4	2	9	10≡⁰	32·3	—	80	●≡⁰
21	1007·8	1011·1	79·9	79·1	81	79	0·0	0·3	9·8	8·8	100	94	4	2	4	2	10	10	7·6	—	81	●⁰ showers all day.
22	1009·8	1009·1	82·0	80·0	82	78	2·4	1·1	8·2	8·5	71	86	4	3	4	2	8	7	—	1·1	78	●⁰ showers n. Dull.
23	1009·1	1015·9	83·2	79·7	84	79	2·4	0·7	8·8	8·8	72	90	4	2	32	2	8	2	—	5·4	77	Fine.
24	1023·3	1027·4	84·5	80·9	86	76	3·6	1·4	8·2	8·8	61	83	30	1	Calm	0	5	7	—	11·8	75	Fine, sunny, and warm.
25	1029·4	1027·1	84·2	80·9	85	76	3·8	0·7	7·8	9·5	60	91	8	1	4	1	2	6	—	12·8	71	Fine, sunny, and warm.
26	1025·4	1022·7	82·3	79·8	86	78	2·4	1·3	8·2	8·2	71	82	32	1	24	1	8	6	—	10·4	75	Fine and sunny.
27	1019·6	1016·2	82·2	81·1	85	77	2·3	1·8	8·5	8·5	71	79	32	1	Calm	0	10	9	—	8·6	74	Fine.
28	1015·2	1014·2	82·7	82·3	88	80	1·7	0·4	9·5	11·2	78	95	24	1	Calm	0	9	9	1·0	3·0	77	● showers p.
29	1011·5	1010·1	86·1	84·2	89	80	2·1	2·4	11·5	9·5	77	72	24	1	28	2	9	5	0·3	4·5	76	Fine, but close.
30	1011·5	1013·5	86·0	82·5	89	82	2·5	0·2	10·9	11·5	72	98	4	1	8	2	8	10≡⁰	0·5	6·5	80	Fine a. and p. Misty n.
31	1014·9	1012·1	83·3	81·2	84	78	1·6	0·8	10·2	9·8	81	91	8	1	8	2	8	7	0·3	0·4	82	● showers p.
Mean	1015·0	1014·9	84·2	81·7	86·8	78·4	2·2	1·3	10·0	9·6	75	85	1·8		1·6		6·9	6·9	69·6	5·70	76·4	
Mean Barometer at Station Level.	1002·8	1002·5																				

* Metres per second. † Beaufort Scale (0—12).

DOUGLAS, ISLE OF MAN, a.—MAY 1912.

Heights above Mean Sea Level:—Station, H = 84·5 m.; Barometer, H_b = 86·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·25 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second). 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200 + °	
1	1021·3	1017·6	82·1	82·5	86	79	0·0	0·1	11·5	11·9	100	99	20	3	24	3	10≡	7	1·7	2·0	76	≡² a. ● 15 h. 30 m.
2	1014·2	1014·5	84·1	79·9	86	80	0·1	0·3	12·9	9·5	98	96	22	4	28	1	9	2	3·0	0·6	80	● showers a. ● 14 h.–18 h.
3	1016·2	1016·9	83·6	80·2	86	n 77	2·7	1·6	8·8	7·8	69	78	30	1	26	1	8	1	—	8·3	n 74	⌣ early. ●⁰ 15 h.
4	1017·9	1017·9	80·9	80·8	84	80	1·6	0·6	8·5	9·8	80	93	8	3	10	3	10	10●	—	1·4	77	Cloudy and overcast.
5	1015·9	1013·8	80·4	82·0	82	80	0·1	0·0	10·2	11·5	99	100	12	3	14	2	10●	10≡●	5·7	—	78	● showers. ≡² 17 h.–19 h.
6	1014·5	1014·2	84·0	83·0	86	81	0·4	0·0	12·2	12·2	94	100	20	2	18	3	10	10≡●	1·6	0·7	79	● showers. ≡ from 20 h.
7	1016·9	1017·2	83·0	83·6	85	82	0·0	0·0	12·2	12·6	100	100	20	2	24	1	10≡	10	2·1	—	81	≡²● showers.
8	1024·3	1024·3	84·5	83·6	86	83	0·2	0·0	13·2	12·6	98	100	18	1	20	3	10≡	10≡	0·4	0·5	80	≡●⁰ showers.
9	1025·0	1024·7	87·4	83·9	x 90	83	1·7	0·6	13·2	11·9	80	93	26	4	24	1	2	4⌓	—	12·5	82	Very fine.
10	1022·0	1014·2	84·1	86·3	89	80	2·7	1·6	9·2	12·6	70	81	6	2	8	4	10	10	1·3	2·1	77	⌓ a. Cloudy. ●⁰ after 19 h.
11	1005·4	1008·8	83·6	82·0	87	82	0·0	0·2	12·6	11·2	100	98	20	5	22	1	10≡●	9	0·3	1·2	82	≡²●⁰ showers.
12	1011·5	1016·9	83·6	81·0	86	80	2·2	1·2	9·5	9·2	75	85	30	4	30	4	3	1	—	12·5	78	Very fine.
13	1021·3	1020·3	81·9	78·4	86	n 77	2·2	0·7	8·2	8·2	73	91	26	2	28	1	0	0⌓	—	14·7	75	Very fine.
14	1015·5	1008·1	84·5	80·9	87	n 77	2·2	1·1	10·2	9·2	75	86	18	2	Calm	0	2	4⌓	—	13·9	75	⌓ a. Very fine.
15	1002·7	999·3	86·9	81·5	89	80	1·7	0·4	12·9	10·5	81	95	18	2	24	2	6	7	0·7	8·2	77	⌓ a. ●⁰ showers.
16	1004·0	1012·1	81·6	81·9	85	79	1·8	1·6	8·5	9·2	77	80	26	6	26	6	3	8	—	13·7	77	Squally.
17	1015·9	1013·2	83·6	82·5	87	80	1·5	0·0	10·5	11·9	82	100	24	3	20	2	9	10●	0·5	6·9	79	Cloudy and squally.
18	1014·5	1016·6	83·2	82·2	87	80	1·9	0·7	9·5	10·5	78	91	26	3	24	1	4	8	—	10·5	78	Very fine before 13 h.
19	1016·6	1014·9	84·8	81·8	87	81	1·4	0·6	11·5	10·5	83	93	20	2	8	2	9	3⌓	—	4·5	79	Dull a. and p.
20	1009·1	1005·7	84·8	82·3	85	80	1·2	0·2	11·5	11·5	85	97	8	3	4	3	10	10●	21·4	—	77	⌓. ● after 10 h ≡ p.
21	1006·7	1007·8	82·3	81·8	85	81	0·3	0·7	11·2	10·2	95	91	4	3	6	3	10	10	0·4	1·0	80	Dull.
22	1007·1	1006·7	81·1	79·6	84	80	0·9	0·4	9·5	9·2	89	94	4	4	4	4	10	10●	1·1	0·3	79	Dull.
23	1009·4	1017·2	81·1	80·8	86	79	1·4	0·9	8·8	9·2	82	88	6	4	32	1	10	3	—	5·2	77	Dull a. Very fine afternoon.
24	1023·3	1027·4	84·4	80·6	87	79	2·1	0·4	10·2	9·8	76	95	26	2	28	2	1	0	—	12·6	75	⌣ a. Very fine.
25	1029·1	1027·7	84·5	81·3	89	79	1·2	1·2	11·5	9·2	86	85	12	2	28	2	6	0	—	15·3	77	⌣ a. Very fine.
26	1025·0	1021·6	85·2	82·4	89	79	1·9	0·4	10·9	11·2	77	95	12	2	22	1	2	2⌓	—	15·0	77	⌣ a. Very fine.
27	1019·6	1017·9	86·0	83·5	89	81	1·6	1·5	12·2	10·5	82	82	22	2	30	2	7∞	9	—	11·0	77	⌓ a. Very fine till 17 h. ● [20 h.
28	1016·9	1015·2	86·4	85·4	x 90	81	3·4	1·8	9·8	11·2	64	78	30	1	22	2	8	10	—	9·1	80	Very fine.
29	1012·8	1011·1	84·8	83·3	89	83	1·6	0·9	11·2	11·2	81	89	30	2	26	1	9	9	—	4·8	81	Fine, but cloudy.
30	1010·5	1010·5	84·1	84·0	89	81	0·5	0·0	12·2	13·2	94	100	10	2	6	2	10●	10●	5·8	3·9	79	T● showers after 19 h.
31	1011·8	1008·8	83·0	83·8	86	82	0·0	0·2	12·2	12·6	100	98	8	3	8	3	10●≡⁰	10	3·6	1·5	82	T● showers.
Mean	1015·4	1014·9	83·8	82·2	86·7	80·2	1·3	0·6	10·9	10·7	85	92	2·7		2·2		7·4	6·7	49·6	6·25	78·2	
Mean Barometer at Station Level.	1004·9	1004·4																				

STONYHURST, LANCASHIRE, a.—MAY 1912.

Heights above Mean Sea Level:—Station, H = 114·3 m.; Barometer, H_b = 110·6 m. Heights above Ground:—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 53° 51′ N. Long. 2° 28′ W. *Time*, Local mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Pr. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1022·7	1018·6	83·0	83·3	86	n 76	2·8	0·9	8·5	11·2	68	89	—	0	—	1	10●⁰	10	0·4	0·2	n 71	●⁰ 9 h.–10 h.
2	1014·9	1013·5	84·5	83·6	86	83	1·5	0·7	11·2	11·9	82	92	22	6	22	5	10	10●	5·1	—	81	Dull and overcast. ● n. ⊕ 13 h. 30 m.
3	1015·9	1017·2	84·1	81·7	87	79	2·8	2·0	9·2	8·5	69	75	26	3	4	2	0≡⁰	10	—	10·3	76	Fine and sunny.
4	1018·9	1019·3	80·7	80·1	82	80	2·1	2·1	7·8	7·5	74	73	8	4	6	2	10	10●	0·6	—	78	Cold and cloudy.
5	1017·9	1015·2	80·2	82·5	84	79	1·4	0·8	8·2	10·5	82	90	8	3	8	2	10	10●	9·7	—	77	●⁰ showers. ● 18 h.–21 h.
6	1015·2	1016·2	85·4	84·7	88	82	1·3	1·4	12·2	11·5	84	83	22	4	—	1	10≡⁰	10●	1·3	2·1	79	Sunny intervals.
7	1017·6	1017·2	86·3	85·8	90	84	1·9	0·7	11·9	13·6	78	91	20	3	22	4	10	10●	7·2	—	80	Very dull.
8	1025·4	1025·7	85·2	86·4	91	83	0·5	1·1	13·2	13·2	93	87	22	2	22	2	10≡⁰	8	0·4	1·1	82	⌓². Cloudy.
9	1025·7	1025·0	86·3	84·2	89	84	1·6	1·7	12·6	10·5	81	80	24	4	—	1	10	10	—	4·6	83	Misty a. Sunny p.
10	1022·7	1016·9	85·0	86·3	89	79	1·4	1·6	11·5	12·6	83	81	—	1	—	1	10	10	0·6	—	76	●⁰ showers.
11	1006·4	1007·4	87·1	85·0	x 92	85	1·9	0·7	12·6	12·9	79	92	24	5	22	4	10●⁰	10●	2·0	1·0	83	● 20 h.–22 h.
12	1010·8	*1015·9*	84·7	81·9	87	82	2·8	2·2	9·5	8·2	69	73	26	3	6	2	6	5	—	6·6	80	Fine.
13	*1021·0*	1020·6	82·7	80·8	87	79	1·9	2·8	9·2	7·1	76	67	18	3	—	0	10≡⁰	3	—	8·6	75	Fine. Starry n.
14	1016·9	1008·4	84·5	85·3	91	n 76	2·6	2·3	9·5	10·5	70	73	—	1	—	1	8≡⁰	8	—	9·1	n 71	
15	1002·3	997·2	88·0	83·0	90	82	3·1	1·1	11·5	10·5	68	86	10	2	24	4	10≡⁰	10●	14·0	1·4	78	● 14 h.–18 h.
16	1001·7	1010·1	81·3	81·4	84	79	2·2	2·0	7·8	8·2	73	75	24	7	26	7	10	4	2·8	7·2	77	☈▲● showers.
17	1015·9	1015·5	83·0	81·3	86	81	2·2	1·6	9·2	8·5	74	79	24	5	—	0	9	3	—	7·3	76	T 11 h. ⊕ 13 h. 30 m. [p.
18	1014·2	1017·2	84·1	81·9	86	80	2·8	2·3	9·2	8·2	69	72	26	5	—	1	5	3	—	10·5	76	Fine. ⊕ 19 h.
19	1017·6	1014·9	86·7	85·8	89	78	4·3	3·2	9·2	9·8	58	67	—	1	—	1	5	10	—	3·6	73	⊕ 7 h. 45 m. Fine a. Cloudy
20	1009·8	1006·1	86·9	83·0	87	82	2·2	1·5	11·9	10·2	75	82	4	2	20	4	10●	10	7·7	0·2	79	● 10 h.–12 h. and 16 h.–17 h.
21	1007·1	1008·1	84·1	81·0	87	81	1·1	1·3	11·5	8·8	86	84	20	3	4	3	8	8	1·1	1·2	80	Cloudy and overcast.
22	1005·7	1004·7	80·8	79·3	81	79	1·1	1·3	9·2	7·8	86	82	4	3	4	5	10●	10	9·5	—	78	● all day.
23	1008·1	1016·2	80·8	80·0	84	79	2·0	2·1	7·8	7·5	75	73	4	3	—	1	10	2	—	1·7	76	Dull and cold.
24	1023·3	1027·1	83·6	84·1	87	77	2·8	3·6	8·8	8·2	68	62	32	2	—	1	4	5	0·3	7·8	n 71	● shower 15 h.
25	1029·1	1027·1	85·2	83·0	89	80	3·7	2·8	8·5	8·5	61	68	—	1	—	1	7	0	—	8·9	75	Fine all day.
26	1024·7	1021·6	84·7	83·6	89	77	2·8	2·2	9·5	9·5	69	75	—	0	—	1	6	5	—	7·6	74	Sunny intervals.
27	1019·3	1017·2	84·8	84·7	89	78	1·6	1·3	11·2	11·5	81	84	20	2	—	1	5	10	—	4·1	74	Sunny intervals.
28	1015·9	1015·2	86·3	84·7	89	83	2·7	3·2	10·9	8·8	70	66	24	4	26	2	6≡⁰	4	—	11·4	81	⊕ 8 h. Fine and sunny.
29	1012·5	1011·5	86·3	81·9	89	79	1·8	1·6	12·2	9·2	79	80	—	1	22	2	8≡⁰	0	—	6·1	79	Cloudy a. ☈⁰ 16 h.–17 h.
30	1010·1	1010·1	86·5	84·7	91	79	2·9	1·9	10·5	10·9	68	78	8	2	4	3	10≡⁰	10	6·4	4·4	77	⊕ 8 h. T 15 h. ● 20 h.–21 h.
31	1012·1	1009·4	83·2	83·6	90	82	1·1	0·6	10·5	11·9	86	93	4	3	4	2	10●	10●	5·7	—	80	T in afternoon.
Mean	1015·5	1015·0	84·4	83·2	87·5	80·2	2·2	1·8	10·2	9·9	75	79	2·8		2·2		8·3	7·4	74·8	4·10	77·3	
Mean Barometer at Station Level.	1002·2	1001·6																				

* Metres per second.

† Beaufort Scale (0—12).

SHREWSBURY, SHROPSHIRE.—MAY 1912.

Heights above Mean Sea Level:—Station, H = 57·9 m.; Barometer, H_b = 64·7 m. Heights above Ground:—Therms., h_t = 1·2 ft.; Rain-gauge, h_r = 0·3 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200 + °	
1	1023·3	1019·9	84·1	84·1	87	n 74	2·2	1·1	9·8	11·5	74	86	24	2	24	2	8	4	—	—	n 72	Dull. ●⁰ 17 h.
2	1017·2	1015·9	86·9	84·7	89	82	2·2	2·3	11·9	10·2	75	74	24	2	24	2	8●⁰	8	—	—	79	Dull. ●⁰ 14 h.
3	1016·2	1014·2	83·0	83·6	87	82	1·7	2·3	9·8	9·5	80	74	24	1	28	1	8	10	—	—	81	Dull all day.
4	1016·6	1017·6	79·7	80·2	84	79	0·6	0·5	9·2	9·5	92	92	4	2	4	1	10	10	3·8	—	80	Wet day.
5	1017·2	1014·2	81·9	84·7	86	80	0·6	0·6	10·5	12·6	93	93	8	1	12	2	10	10	1·8	—	80	Dull, with occasional ●⁰.
6	1015·9	1016·6	85·8	85·2	91	84	1·7	0·5	11·9	13·2	81	93	14	1	20	1	8	10	1·0	—	82	Dull. Wet evening.
7	1018·3	1018·9	86·9	87·4	89	85	1·1	1·6	13·9	13·2	87	81	20	2	20	2	8	8	1·0	—	83	Dull and warm. Occasional ●⁰.
8	1025·4	1026·4	89·7	88·0	92	86	1·7	1·7	15·6	13·9	88	82	24	2	16	1	7	5	1·3	—	84	Dull a. ● midday.
9	1026·0	1024·7	89·1	85·8	92	85	1·7	1·7	14·9	11·9	82	81	24	2	30	1	7	7	—	—	84	Dull and warm.
10	1022·0	1015·9	85·2	88·6	91	85	0·5	2·3	13·2	13·6	93	76	28	1	12	2	7	8	—	—	80	Wet ≡⁰.
11	1007·4	1008·4	91·3	88·6	x 95	85	3·3	2·3	14·2	13·6	68	76	14	1	24	2	5	8	0·5	—	83	Wet ≡⁰ early. Dull and warm.
12	1010·1	1015·9	85·2	83·0	89	82	2·2	2·2	10·5	9·2	74	74	28	2	28	2	8	8	—	—	82	Dull and cloudy.
13	1021·3	1020·3	85·2	83·0	91	77	2·8	2·2	9·8	9·2	69	74	28	1	24	1	5	7	—	—	74	Fair, but dull.
14	1015·9	1008·1	88·0	86·9	94	77	3·9	2·2	10·5	11·9	61	75	28	1	20	2	7	8	—	—	77	Bright a.
15	1002·7	999·3	87·4	83·0	87	80	2·2	1·1	12·6	10·5	76	86	16	2	16	2	8	8	8·6	—	78	≡⁰ early. ● after 11 h.
16	1004·4	1012·1	82·4	83·0	86	78	2·7	2·2	8·2	9·2	67	74	28	2–3	28	3	8▲✲	6	4·8	—	76	▲✲ 11 h. 30 m. and 13 h. 30 [m.
17	1016·9	1016·2	85·2	83·6	90	80	3·9	1·7	8·5	10·2	59	80	28	2	24	1	5	5	0·1	—	79	Fine and warm.
18	1015·5	1017·2	85·8	83·0	89	82	3·4	1·1	9·5	10·5	65	86	24	2	24	2	8	8	—	—	76	Dull.
19	1017·6	1014·5	85·8	85·8	90	80	3·9	2·2	8·8	11·2	60	75	24	1	20	1	7	7	0·1	—	80	Dull and warm.
20	1009·1	1007·4	84·1	82·4	89	82	0·5	1·6	12·2	9·5	93	79	24	1	24	2	10	4	2·0	—	82	Dull, with ●⁰ a. ☈ 14 h. 30 m.
21	1007·1	1006·1	87·4	84·7	91	79	3·8	1·1	10·2	11·9	61	86	20	2	18	2	5	8	15·2	—	76	Dull. ● from 21 h. 15 m.
22	1003·3	1002·7	81·9	80·8	85	80	0·0	0·0	11·5	10·5	100	100	24	2	28	1	10	10	17·8	—	82	Soft rain all day.
23	1006·7	1012·1	80·2	81·9	85	79	0·5	1·1	9·5	9·8	92	86	28	2	24	1	8	8	—	—	79	Dull.
24	1022·3	1027·4	83·6	80·8	88	75	2·8	1·1	8·8	9·2	68	86	28	2	26	1	6	0	—	—	74	Fine and bright.
25	1029·1	1027·4	85·8	84·7	91	75	3·4	2·3	9·5	10·2	65	74	28	2	28	2	3	8	—	—	74	Fine and bright. Splendid [sunset.
26	1024·3	1021·3	86·9	83·0	91	76	3·3	2·2	10·2	9·2	65	74	24	1	24	1	3	2	—	—	76	Fine and bright.
27	1019·6	1018·3	88·0	82·4	89	75	4·4	1·1	9·8	10·2	57	86	24	2	24	1	4	8	—	—	75	Fine and bright.
28	1016·6	1015·5	87·4	83·0	91	80	2·7	1·7	11·5	9·8	71	80	28	1	28	1	5	0	—	—	79	Fine and bright.
29	1012·8	1012·1	89·7	85·2	91	80	3·4	1·6	12·6	11·2	67	80	28	1	24	1	5	8	—	—	77	Fine and bright.
30	1010·5	1008·8	83·6	84·1	89	81	1·2	1·1	10·9	11·5	86	86	24	1	28	1	8	8	—	—	81	∞ a. Dull.
31	1010·1	1009·1	86·9	81·9	90	80	2·2	0·6	11·9	10·5	75	93	24	2	12	1	7	8	6·6	—	79	☈●² 14 h. 45 m.–15 h. 30 m.
Mean	1015·5	1015·0	85·6	84·1	89·3	80·1	2·3	1·5	11·0	10·9	76	82	1·6		1·5		7·0	7·0	64·6	—	78·8	
Mean Barometer at Station Level.	1007·7	1007·1																				

CAMBRIDGE, a.—MAY 1912.

Heights above Mean Sea Level:—Station, H = 12·8 m.; Barometer, H_b = 13·1 m. Heights above Ground:—Therms., h_t = 1·2 m.; Rain-gauge, h_r = 0·3 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Pr. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1023·7	1019·3	84·1	83·9	91	n 73	3·2	1·9	8·5	10·2	65	78	16	2	Calm	0	8∞	8	—	9·0	n 70	Beautiful day.
2	1017·2	1014·9	86·4	86·6	92	80	1·9	1·8	12·2	12·2	78	79	20	2	Calm	0	9	10	—	3·0	76	Overcast most of day.
3	1015·2	1015·5	87·1	83·1	90	81	2·4	0·7	11·9	11·2	74	92	24	3	32	1	9	10●⁰	1·3	2·0	80	Sunny intervals a. ●⁰ 20 h.
4	1017·2	1018·6	81·8	80·2	83	80	0·6	0·5	10·5	9·5	93	92	8	2	32	2	10●⁰	10●⁰	1·3	—	81	Overcast, with ●⁰.
5	1017·9	1016·2	82·4	83·0	88	80	1·1	1·7	10·2	9·5	86	79	12	2	12	2	10	7	—	1·5	80	Sunny intervals p.
6	1016·6	1018·6	86·7	86·3	92	80	1·5	2·2	12·9	11·5	82	75	22	1	16	2	9	9	0·5	3·0	76	Overcast most of day. ● 23 h.
7	1020·3	1019·3	87·4	88·1	91	84	1·3	1·0	13·9	14·9	84	89	20	2	20	3	10	9●⁰	0·3	0·3	82	●⁰ at intervals after 15 h.
8	1025·0	1026·4	90·4	89·1	96	86	2·4	1·1	14·9	15·9	75	88	24	3	Calm	0	8	10	—	8·5	83	Fine and sunny.
9	1025·7	1023·0	90·1	90·2	95	85	2·6	1·6	14·2	16·3	74	83	24	3	Calm	0	8	10	—	2·5	81	Overcast most of day.
10	1021·6	1018·6	90·2	85·2	94	84	5·0	2·8	10·5	9·8	55	69	32	3	8	2	6	0	—	6·4	81	Fine and sunny till 15 h.
11	1009·4	1009·1	91·3	88·9	x 101	84	2·7	2·2	15·3	13·9	73	78	16	2	20	1	9	10	—	7·5	82	Fine and sunny.
12	1008·4	1013·8	90·2	83·3	90	83	2·9	1·1	13·9	10·9	71	87	32	2	32	3	9∞	10	1·3	2·3	82	☈ 17 h.–18 h. ⌒ 18 h.
13	1021·6	1021·0	84·8	82·4	91	80	3·5	1·6	8·8	9·5	63	79	8	2	12	2	0	0	—	12·3	78	Beautiful day.
14	1016·9	1009·4	88·2	86·1	93	80	5·1	3·4	9·2	9·8	53	65	12	3	Calm	0	7∞	1	1·0	10·0	76	Fine and sunny.
15	1002·7	996·6	87·9	86·3	94	83	2·5	0·4	12·6	14·2	73	94	12	1	20	3	10∞	10●⁰	4·1	3·0	79	●⁰ 4 h.–6 h.
16	1003·0	1009·8	84·0	81·7	87	79	2·9	2·6	8·8	7·8	68	69	24	6	22	2	8	3	1·3	9·0	80	Cold ●△ showers.
17	1014·9	1016·2	85·3	84·1	89	79	3·7	1·7	8·8	10·5	61	79	28	5	24	1	8	3	—	10·0	76	Beautiful day.
18	1014·9	1016·2	87·4	85·2	89	79	2·2	1·2	12·6	12·2	76	85	20	4	20	1	10	10	—	1·0	75	Overcast most of day.
19	1016·9	1014·9	88·9	86·9	93	80	4·0	2·0	10·9	12·2	61	77	16	2	Calm	0	8	10	—	9·0	77	Beautiful day.
20	1010·1	1007·1	88·6	83·8	94	81	2·9	0·3	12·6	12·2	71	96	12	2	Calm	0	10	2	1·3	4·5	79	⌒ 18 h. ☈ 19 h. 30 m.
21	1008·1	1006·7	87·4	87·4	90	78	3·4	2·2	10·5	12·6	65	76	20	2	Calm	0	8	10●⁰	11·7	4·5	74	Sunny intervals a.
22	1003·3	1001·0	86·2	84·7	92	84	0·4	1·0	14·2	11·9	94	87	12	1	16	1	10	9●⁰	3·1	5·8	83	● 5 h.–6 h. Sunny p.
23	1003·7	1011·8	83·5	81·8	85	81	0·6	0·7	11·9	10·2	93	91	24	2	28	4	10●⁰	10●⁰	—	—	82	Cold and overcast.
24	1019·6	1025·7	83·1	80·9	86	81	1·7	1·2	9·8	8·8	80	85	28	4	32	1	10	0	—	6·0	80	Cold and gloomy a. Sunny p.
25	1027·7	1027·1	84·7	80·2	88	75	3·4	1·1	8·8	8·5	64	85	28	3	Calm	0	6	5	—	12·5	72	Beautiful day.
26	1023·7	1021·6	86·5	83·0	89	75	3·5	2·2	9·8	9·2	64	74	32	2	32	2	2	10	—	11·3	72	Beautiful day.
27	1018·6	1016·2	86·3	86·3	92	80	2·2	2·1	11·5	11·5	75	77	20	2	32	1	7	10	—	9·5	79	Overcast from 16 h.
28	1015·2	1013·8	86·4	86·3	93	80	1·2	1·7	13·2	12·2	85	80	28	1	4	1	10●	6	—	7·8	79	Fine and sunny 11 h.–19 h.
29	1012·8	1010·5	89·8	86·3	93	79	4·6	1·2	10·9	13·2	57	86	24	1	Calm	0	2	10	—	6·0	76	Sunny a. Overcast p.
30	1009·1	1009·8	89·1	86·6	95	82	2·8	1·4	12·9	12·9	72	84	20	1	32	1	8	8	3·8	3·8	79	T 13 h. 30 m.–15 h. ● 16 h.
31	1010·8	1009·1	84·8	85·9	91	81	0·6	0·7	12·9	13·6	93	92	6	2	12	2	10∞●⁰	5	0·3	2·0	78	● n. and a. Sunny p.
Mean	1015·2	1014·8	86·8	85·0	91·2	80·5	2·5	1·5	11·6	11·6	73	82	2·4		1·2		8·0	7·3	31·3	5·60	78·3	
Mean Barometer at Station Level.	1013·6	1013·1																				

† Beaufort Scale (0—12).

SOUTHAMPTON, HAMPSHIRE, a.—MAY 1912.

Heights above Mean Sea Level:—Station, H = 19·5 m.; Barometer, H_b = 25·6 m. Heights above Ground:—Therms., h_t = 1·37 ft. Rain-gauge, h_r = 0·3 m. Lat. 50° 55′ N. Long. 1° 24′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†	†	Tenths of Sky covered.		mm.	hr.	200 + °	
1	1027·4	1022·3	82·9	82·6	89	n 77	2·0	0·4	9·2	11·2	75	95	28 1	20 2	0	10	0·5	4·7	n 73	Cloudy. ●⁰ 20 h.–22 h.
2	1019·6	1017·6	85·2	85·1	92	82	1·0	1·3	12·2	11·9	87	84	28 2	20 1	7	8	—	3·1	82	Cloudy.
3	1017·6	1016·2	84·2	83·7	90	79	1·1	1·1	11·5	11·2	86	88	28 2	20 1	8	0	—	2·2	75	Fine to dull.
4	1015·9	1016·9	85·2	84·2	89	80	1·0	1·4	12·2	11·2	87	83	12 1	12 1	10∞	10	—	1·2	76	Bright intervals.
5	1016·6	1016·6	85·2	84·5	87	82	1·0	0·5	12·2	12·6	87	94	12 2	20 1	10	10	—	0·4	82	Dull and cloudy.
6	1019·9	1020·3	85·8	84·5	90	84	0·6	0·5	13·6	12·6	92	94	20 2	20 3	10	10●⁰	2·1	0·4	82	Cloudy. ● showers a. and p.
7	1022·0	1023·3	85·2	86·0	87	85	0·4	0·1	13·2	14·6	94	98	20 2	20 3	10●	10	5·6	—	84	● 1 h.–2 h., and 8 h.–12 h.
8	1029·8	1029·4	88·0	85·3	92	85	1·0	0·2	14·9	13·9	89	97	20 1	20 1	10	10	—	1·1	85	Fair but overcast. Misty n.
9	1030·1	1024·7	86·9	88·7	94	84	0·5	1·1	14·9	15·6	94	89	20 1	20 1	7	9	—	4·7	84	Cloudy and close.
10	1023·0	1016·6	91·3	88·7	93	84	2·6	2·7	15·3	12·9	74	73	8 2	12 3	5	10	—	7·1	81	Fine but close.
11	1011·8	1011·1	90·5	86·3	92	86	1·9	0·8	15·9	13·9	79	92	20 2	20 2	4	5	—	10·2	86	Fine but close.
12	1008·1	1014·2	91·4	84·9	x 95	85	2·8	0·7	15·3	12·9	72	92	4 2	4 3	4	10●	9·2	5·4	84	T 16 h. 30 m. ⬀⁰ 19 h. ● from 18 h. 30 m.
13	1023·0	1021·3	85·3	86·3	89	82	2·2	3·1	10·5	10·2	75	67	4 2	12 1	5	5	—	8·6	81	● till 2 h. Fine.
14	1018·3	1007·8	88·0	89·9	92	83	3·2	3·5	11·2	12·6	67	66	12 3	4 2	3	10	0·9	6·8	80	Cloudy intervals.
15	1002·7	1002·7	90·2	85·3	91	85	2·8	1·6	13·9	11·5	72	80	12 3	24 3	4	10	1·0	2·0	85	● early and from 22 h.
16	1006·1	1014·5	83·6	82·8	88	81	3·2	1·8	8·2	9·5	65	79	28 4	28 3	7	0	—	11·4	79	● till 2 h. Fine.
17	1018·9	1020·3	85·7	85·0	89	80	3·2	0·8	9·5	12·6	66	90	28 3	28 2	4	1	0·3	8·3	76	Bright a. Cloudy afternoon.
18	1017·6	1017·9	86·2	84·8	89	82	1·7	0·4	12·2	13·2	80	96	20 2	20 1	7	8	—	0·8	77	Slight drizzling showers.
19	1018·3	1015·9	88·0	85·4	91	80	2·4	1·0	12·6	12·6	74	88	20 2	12 2	8	4	—	9·1	76	Fine and bright.
20	1010·8	1009·8	87·4	84·2	91	84	1·8	1·4	12·9	10·9	79	83	20 2	20 3	5	1	—	10·4	82	Fine and bright.
21	1009·1	1006·7	85·2	85·5	90	82	1·5	1·0	11·5	12·6	81	87	20 2	12 2	10	10●	11·5	1·2	79	● 20 h.–21 h.
22	1003·0	1003·3	86·3	85·2	89	85	1·0	1·1	13·2	12·2	88	85	12 3	20 1	8	8	—	5·4	84	Cloudy and threatening.
23	1006·4	1013·2	86·3	83·0	87	82	2·1	1·5	11·5	9·8	76	82	20 2	4 2	8	9	—	3·3	80	Bright early. Dull from 10 h.
24	1020·6	1026·0	83·0	83·7	89	81	1·6	2·2	9·8	9·5	81	75	32 2	4 1	10	0	—	5·6	80	Cloudy to fine.
25	1029·1	1027·4	85·2	84·9	90	80	2·7	1·7	9·8	11·2	70	80	4 1	20 1	0	10	—	7·9	76	Bright a. ● showers 15 h. 30 m.
26	1026·4	1021·6	86·9	83·9	91	82	2·7	2·2	11·2	9·8	71	75	16 1	20 1	3	0	—	6·0	79	Fine. Cloudy intervals.
27	1019·9	1017·6	88·0	86·6	94	79	3·5	4·5	10·9	8·8	64	56	20 1	28 2	2	0	—	10·1	76	Fine and warm.
28	1016·6	1014·9	89·7	89·3	94	80	4·4	3·8	11·2	11·5	58	63	28 2	32 3	0	10	—	10·0	77	Fine and warm.
29	1016·2	1012·1	88·7	88·0	x 95	80	4·0	2·5	10·9	12·6	62	74	28 1	24 1	0	0	—	10·2	76	Fine and warm.
30	1010·1	1010·1	88·1	85·2	92	82	3·3	1·0	11·2	12·2	66	88	20 1	20 1	0	5	0·3	7·3	79	Fine a. ● showers p. ●²▲ 13 h.
31	1010·8	1008·8	86·9	85·8	90	84	1·3	0·8	13·2	13·2	85	91	12 2	12 2	10	3	2·1	5·1	81	T 11 h. and 13 h.
Mean	1017·0	1016·2	86·8	85·4	90·7	82·2	2·1	1·5	12·1	12·0	77	83	1·9	1·8	5·8	6·3	33·5	5·48	79·9	
Mean Barometer at Station Level.	1013·8	1013·0																		

FALMOUTH, CORNWALL, a.e.—MAY 1912.

Heights above Mean Sea Level:—Station, H = 50·9 m.; Barometer, H_b = 55·8 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·6 m Lat. 50° 9′ N. Long 5° 4′ W. *Time*, Greenwich mean time.

Day.	Barometer 9 h.	21 h.	Air Temp. 9 h.	21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vapour Pressure 9 h.	21 h.	Percentage 9 h.	21 h.	Wind 9 h.	Wind 21 h.	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
													*	*						
1	1025·4	1023·3	83·2	84·7	87	n 80	1·5	0·8	10·2	12·2	82	90	20 5	20 2	10	9	—	1·4	—	Overcast a. Slight sunshine p.
2	1020·6	1019·6	87·3	83·6	x 90	82	2·4	1·1	11·9	11·2	74	87	20 3	— 1	2	0	—	8·3	—	Sunny till 15 h.
3	1017·9	1016·2	86·5	83·2	89	81	1·5	0·8	12·9	11·2	83	90	14 2	— 0	7	0	—	3·9	—	Sunny intervals early a., and late p.
4	1014·5	1014·9	85·9	85·2	88	84	1·8	1·0	11·9	12·6	80	87	8 2	12 2	10	5	0·5	1·6	—	Dull and cloudy.
5	1014·2	1015·9	87·8	84·8	x 90	84	1·9	0·8	13·2	12·6	78	91	18 2	26 2	9	0	2·3	0·9	—	Fair a. ● p.
6	1018·6	1019·9	86·6	85·8	89	85	1·8	0·6	12·2	13·6	79	93	18 3	20 5	10	10≡⁰●⁰	15·0	0·1	—	Overcast. ● 14 h.–16 h.
7	1019·3	1024·7	86·7	86·2	88	86	0·5	0·5	14·6	14·2	94	95	20 8	20 6	10	10≡⁰	0·8	—	—	● early. Damp and close.
8	1029·1	1029·8	86·6	84·4	x 90	85	0·8	0·3	13·9	12·9	90	96	20 4	— 0	9	10≡⁰	0·3	2·6	—	Generally overcast. Air close.
9	1027·7	1024·3	85·6	85·6	89	84	0·4	0·4	13·9	13·9	95	95	12 2	— 0	10	10≡⁰	0·3	—	—	Fair. Thick mist p.
10	1019·3	1014·9	86·3	85·9	89	85	0·5	0·3	14·2	14·2	93	97	10 3	14 2	10≡⁰	0	—	2·4	—	Thick mist early. Fair.
11	1012·1	1011·8	85·8	86·3	89	85	0·6	0·6	13·6	14·2	93	92	20 4	— 0	10	10	—	0·1	—	Fair, but air close.
12	1009·1	1014·9	86·8	82·9	89	83	1·4	0·8	13·2	10·9	84	90	2 3	32 4	10	10	6·4	2·6	—	Very dark 12 h. T 1 p. ● later.
13	1021·3	1020·6	83·7	84·6	87	82	0·7	1·2	11·9	11·5	92	86	2 2	— 1	10	7	—	2·9	—	Overcast to cloudy.
14	1014·5	1007·4	86·0	85·1	x 90	82	1·7	1·2	12·2	11·9	81	85	— 1	32 3	10	1	1·3	8·8	—	
15	1002·0	1005·7	84·7	83·6	87	82	1·1	2·3	11·9	9·5	86	74	30 4	24 6	9	5	1·5	0·1	—	Generally overcast.
16	1011·8	1019·6	84·1	82·9	86	n 80	3·5	1·5	8·2	9·8	63	82	28 7	26 4	3	0	—	14·0	—	Bright and fresh.
17	1021·6	1020·3	85·8	84·0	89	82	2·1	1·0	11·2	11·5	76	88	24 4	22 4	7	10	0·8	3·0	—	Generally cloudy. ⊕ 19 h.
18	1018·3	1017·9	86·3	84·0	89	82	2·0	1·0	11·9	11·5	77	88	22 2	— 1	7	0	—	5·9	—	Cloud and sunshine.
19	1017·2	1013·8	86·3	85·6	88	82	0·9	1·1	13·6	12·6	89	87	12 2	— 1	10	10	1·0	5·3	—	Fair a.
20	1010·1	1009·4	86·4	83·0	88	82	2·3	1·0	11·5	10·5	74	87	22 5	— 1	3	0	4·3	10·0	—	Generally bright.
21	1006·7	1003·7	85·2	84·3	89	82	0·9	0·7	12·6	12·2	89	90	12 2	26 3	10●	10	8·4	3·1	—	● a. Cloud and sunshine p.
22	1004·0	1005·4	84·8	83·2	89	82	1·0	0·8	11·9	11·2	87	90	26 5	— 1	7	1	—	9·7	—	Generally bright after 9 h.
23	1007·1	1016·2	84·7	82·6	86	82	2·3	1·2	10·2	10·2	74	85	30 4	30 2	7	5	—	5·5	—	Fair but cool.
24	1023·3	1027·7	85·8	83·4	87	82	3·0	2·0	10·2	9·8	69	77	32 5	30 3	3	0	—	14·3	—	Bright and fresh.
25	1029·1	1028·1	86·9	83·4	89	81	4·8	1·7	8·5	10·2	55	80	32 3	— 1	1	0	—	12·7	—	Fine and bright.
26	1025·0	1022·0	87·1	84·1	89	81	3·1	1·7	10·9	10·5	68	81	— 1	— 1	0	0	—	14·3	—	Bright and fresh.
27	1021·3	1019·6	87·7	84·6	x 90	81	2·5	1·6	12·2	11·2	73	81	— 1	32 2	1	0	—	14·2	—	Beautifully fine.
28	1018·3	1017·6	88·2	84·7	x 90	83	4·2	0·9	10·2	12·2	59	88	30 3	30 2	1	0	—	14·4	—	Beautifully fine.
29	1015·2	1013·5	88·7	84·5	89	84	2·2	1·3	13·6	11·2	77	84	30 2	— 1	1	1⊔	—	11·8	—	Beautifully fine. ⊕ 18 h.
30	1010·5	1009·4	86·8	83·5	x 90	81	3·4	0·9	10·2	11·2	65	89	20 3	— 0	9	1	2·0	2·9	—	Cloudy.
31	1008·1	1006·7	87·2	85·7	89	n 80	2·5	1·8	11·9	11·5	73	79	12 4	12 3	7	7	5·6	12·9	—	Cloud and sunshine.
Mean	1016·6	1016·6	86·2	84·3	88·6	82·4	1·9	1·0	12·0	11·7	79	87	3·3	2·1	6·9	4·3	50·5	6·12	—	
Mean Barometer at Station Level.	1009·8	1009·8																		

* Metres per second. † Beaufort Scale (0—12).

ARMAGH, a.—MAY 1912.

Heights above Mean Sea Level:—Station, H = 59·8 m.; Barometer, H_b = 61·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	*	*	Tenths of Sky covered.		mm.	hr.	200 + °	
1	1018·9	1014·9	86·7	84·8	88	81	2·0	1·5	12·2	11·2	77	82	20 4	20 5	9	10	3·2	1·3	80	A few showers.
2	1012·8	1014·9	84·6	80·8	86	81	0·6	0·6	12·6	9·8	93	93	20 5	— 1	10	8	6·2	0·2	83	● noon–15 h.
3	1015·9	1016·2	85·0	81·9	86	79	3·8	1·3	8·5	9·5	61	84	— 1	— 1	9	10	—	2·1	75	Overcast.
4	1015·5	1014·9	84·3	81·1	86	80	2·4	1·1	9·5	9·2	72	86	10 2	— 1	10	10	—	4·1	77	Fine.
5	1012·5	1010·1	83·0	83·8	86	81	0·7	0·6	11·2	11·9	92	93	12 5	16 4	10	10●	3·9	0·1	80	Overcast. ● from 18 h.
6	1011·8	1011·1	85·9	84·3	88	83	2·4	0·8	10·9	11·9	73	90	18 3	16 3	10	8	3·3	—	81	Overcast. ● showers 16 h.–19 h.
7	1013·8	1016·9	86·9	85·6	89	84	0·8	0·9	14·2	12·9	90	89	18 3	— 0	10	10	0·3	0·1	83	Overcast.
8	1022·7	1022·7	87·7	86·3	91	85	1·4	0·8	13·9	13·9	84	90	18 3	20 2	10	10	1·4	0·3	83	Overcast. A few showers.
9	1024·7	1024·0	86·9	85·0	x 92	84	2·8	2·0	11·2	10·9	70	77	22 2	— 0	10	4	—	6·0	82	Fine.
10	1020·6	1011·5	84·5	84·8	90	79	1·1	1·9	11·5	10·9	87	78	— 1	— 1	10	10	—	2·2	76	Fine.
11	1003·0	1008·4	86·3	81·9	90	82	1·2	1·1	13·2	9·8	86	86	20 6	— 0	10	8	—	1·3	82	Fine.
12	1012·1	1019·6	85·4	76·8	87	77	3·1	1·8	9·5	6·1	66	75	— 1	— 1	7	0	—	10·7	75	Fine, but cold.
13	1022·0	1018·9	82·3	80·8	86	n 74	2·8	2·2	7·8	7·8	67	73	— 1	— 1	8	0	—	11·8	n 69	Fine, but cold.
14	1012·8	1006·1	85·8	83·9	90	77	3·0	2·2	10·2	9·8	69	75	16 3	18 2	3	3	0·6	9·2	71	Fine.
15	1002·0	1001·3	81·7	78·6	87	79	0·5	1·4	10·5	7·5	94	82	— 0	— 1	10●⁰	0	0·4	2·3	79	Drizzle early. Fine day.
16	1006·7	1014·2	83·4	80·5	88	76	2·8	1·6	8·5	8·2	68	79	— 1	— 1	8	3	—	11·0	72	Fine.
17	1015·5	1011·5	85·3	83·0	88	78	2·8	1·3	9·8	10·2	69	84	— 1	20 3	8	9●	1·5	4·0	76	A few showers.
18	1014·2	1015·5	83·6	82·2	88	79	2·1	2·6	9·5	8·2	76	69	— 1	— 0	10●	10	—	5·5	77	Fine.
19	1015·2	1013·2	86·3	82·4	89	80	2·7	1·0	10·9	10·2	70	87	— 0	— 1	10	1	2·3	1·2	79	Fine.
20	1009·1	1006·4	82·3	82·9	85	80	0·1	0·1	11·5	11·9	98	98	— 1	— 0	10●	10●	4·1	—	75	Rain or drizzle all day.
21	1007·8	1008·1	81·9	81·9	85	81	0·7	1·1	10·2	9·8	92	86	— 1	6 2	10	10	—	—	82	Overcast.
22	1007·4	1007·4	83·3	81·1	87	79	2·6	2·2	8·8	7·8	70	73	4 3	— 1	9	5	—	8·3	77	Fine.
23	1011·1	1018·3	83·0	79·1	87	77	2·9	1·0	8·2	8·2	67	85	6 2	— 0	10	0	—	8·2	72	Fine.
24	1024·7	1028·7	85·6	79·5	88	75	3·6	1·3	8·8	8·2	62	82	— 1	— 1	3	0	—	9·0	71	Fine.
25	1029·4	1028·1	86·1	80·1	89	75	3·5	1·1	9·8	8·5	64	86	— 1	— 1	7	0	—	13·7	70	Fine.
26	1025·0	1022·7	86·3	81·2	91	75	3·1	1·1	10·2	9·2	67	86	— 1	— 1	0	0	—	14·3	71	Fine.
27	1019·9	1017·9	87·0	84·5	90	78	3·0	1·3	10·9	11·5	68	85	— 1	— 1	10	10	—	3·8	73	Cloudy, but fine.
28	1016·6	1014·9	88·0	85·0	x 92	80	2·9	1·9	11·9	10·9	70	78	— 1	— 1	9	10	—	5·2	75	Cloudy, but fine.
29	1012·1	1010·5	85·2	83·0	89	82	1·8	1·5	11·2	9·8	79	82	— 1	— 1	9	9	0·4	3·5	80	A few slight showers.
30	1009·8	1009·8	86·2	84·1	89	77	2·8	1·7	10·5	10·5	70	80	— 1	— 1	8	10	2·6	6·8	74	A few slight showers.
31	1010·1	1008·8	84·0	83·5	85	83	1·0	0·5	11·5	11·9	88	94	8 2	— 1	10	10	5·3	—	81	Showery.
Mean	1014·7	1014·4	85·0	82·4	88·1	79·3	2·2	1·3	10·6	9·9	76	83	1·9	1·3	8·6	6·4	35·5	4·72	76·8	
Mean Barometer at Station Level.	1007·3	1006·9																		

MARKREE CASTLE, SLIGO, a.b.—MAY 1912.

Heights above Mean Sea Level:—Station, H = 37·2 m.; Barometer, H_b = 38·7 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 54° 11′ N. Long. 8° 27′ W. *Time*, Dublin mean time.

Day.	Barometer 9 h.	21 h.	Air Temp. 9 h.	21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vapour Pressure 9 h.	21 h.	Percentage 9 h.	21 h.	Wind 9 h.	Wind 21 h.	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
													†	†						
1	1018·9	1015·5	84·7	84·5	89	84	0·7	0·5	12·6	12·6	92	94	20 1	18 3	9	10	1·8	0·7	82	Fair a. Showery evening.
2	1013·5	1014·2	84·7	82·3	86	82	0·6	0·7	12·6	10·5	93	91	20 2	Calm 0	10●ᶜ	10	3·1	—	82	● a. Fine and mild p.
3	1015·9	1015·9	82·4	82·4	87	81	0·8	1·1	10·5	10·2	90	85	Calm 0	4 1	10	5	—	—	81	Dull.
4	1014·5	1013·8	82·9	83·0	88	80	1·3	1·2	10·2	10·5	85	85	12 3	12 2	10	10	—	1·8	77	Fair and mild.
5	1010·5	1009·1	85·8	85·1	89	82	1·7	0·4	11·9	13·2	81	94	12 3	12 2	10	10	6·6	0·6	80	● 15 h.–21 h.
6	1010·5	1011·1	85·7	85·7	88	84	1·6	0·8	11·9	13·2	82	91	20 3	20 1	9	10	5·3	0·3	81	Showery and mild.
7	1012·5	1017·9	86·3	85·4	89	85	0·5	0·6	14·2	13·2	93	92	12 2	Calm 0	10	8	—	0·6	84	Fair.
8	1021·0	1022·3	86·8	85·7	89	85	1·0	0·6	13·9	13·6	88	94	20 3	20 1	10●	8	2·3	—	84	Showery and mild.
9	1025·4	1025·0	86·9	81·3	x 91	81	2·2	0·5	11·9	10·2	75	93	Calm 0	Calm 0	7	0	—	8·0	80	Beautiful day. ⌓ n.
10	1021·0	1009·8	83·1	85·8	x 91	77	0·4	1·7	11·9	11·9	96	81	14 1	24 2	10	10	—	—	75	
11	1004·0	1010·8	86·9	81·1	87	81	1·7	1·1	12·9	9·2	81	86	Calm 0	Calm 0	10	4	—	2·1	83	Fine, but cool.
12	1014·2	1020·6	84·1	78·9	87	79	1·4	1·5	10·9	7·5	83	81	32 1	Calm 0	7	1	—	7·7	75	Beautiful day.
13	1022·7	1018·9	80·7	79·7	86	74	2·2	1·1	7·5	8·2	73	84	Calm 0	Calm 0	10	1	—	3·4	71	Fine, but cold. ⌴ n.
14	1013·5	1005·7	82·1	83·6	89	74	1·3	1·7	9·5	10·2	84	80	20 2	16 1	10	10	1·3	5·0	71	Fine and mild. ⌴ n.
15	1002·3	1003·0	84·1	78·3	87	78	2·0	1·1	9·8	7·5	76	85	Calm 0	Calm 0	9	7	4·8	4·0	81	Showery and cold. ▲ n.
16	1007·4	1016·2	82·6	80·8	85	77	1·8	1·8	9·2	8·2	77	78	28 3	32 1	7	4	8·1	9·0	74	▲² ●² showers early.
17	1015·9	1012·8	85·8	80·8	89	80	2·2	0·8	11·2	9·5	75	90	20 1	Calm 0	5	3	1·8	3·8	76	Fair generally. Showery evening.
18	1014·9	1016·2	84·1	81·9	86	77	2·8	1·1	9·2	9·8	69	86	28 1	Calm 0	7	10	0·8	4·5	74	Slight showers a.
19	1014·9	1012·8	85·8	83·9	88	78	3·2	0·9	9·8	11·5	67	89	12 1	Calm 0	10	9	2·8	0·1	75	Overcast, with ●⁰.
20	1008·8	1007·8	84·1	82·7	88	78	0·8	1·1	11·9	10·2	90	87	8 1	Calm 0	10●	7	1·3	—	80	Overcast, with ●⁰.
21	1008·8	1008·4	83·6	82·3	86	81	1·3	1·0	10·9	10·2	85	87	4 1	Calm 0	10	10	—	0·2	79	Fair, but cool.
22	1008·1	1008·1	82·3	80·5	89	80	1·9	1·5	9·2	8·5	77	81	8 2	Calm 0	10	1	—	4·0	80	Dull a. Bright p.
23	1011·8	1019·6	82·4	82·2	87	75	2·2	2·1	8·5	8·8	72	75	8 1	Calm 0	5	7	—	7·5	73	Fine, but cool. ⌴ n.
24	1025·4	1028·7	85·2	80·0	88	72	3·3	1·4	9·2	8·2	64	81	4 1	Calm 0	5	0	—	12·6	n 70	Beautiful day. ⌴ n.
25	1027·7	1027·4	85·0	81·9	90	n 71	3·7	1·7	8·5	8·8	61	79	4 1	Calm 0	0	0	—	14·0	n 70	Beautiful day. ⌴ n.
26	1025·0	1022·7	87·8	83·6	90	75	1·8	2·3	13·6	9·5	79	74	Calm 0	32 1	0	0	—	14·2	72	Beautiful day. ⌴ n.
27	1021·3	1018·6	85·8	82·9	x 91	75	2·8	1·3	10·2	10·2	70	85	Calm 0	Calm 0	5	5	—	7·7	72	Distant T. ⌴ n.
28	1017·6	1016·2	86·5	84·1	90	78	2·1	0·9	11·9	11·5	76	88	Calm 0	Calm 0	5	10	1·0	2·5	76	T a. ●⁰ during day. ⌴ n.
29	1013·5	1011·1	83·8	80·1	87	80	1·5	0·4	10·9	9·5	83	94	Calm 0	Calm 0	8	1	5·3	2·5	77	T●² showers in afternoon.
30	1009·8	1010·5	84·9	83·5	90	74	2·2	1·1	10·5	11·2	75	87	Calm 0	Calm 0	5	9	2·8	7·3	71	T▲● p.
31	1010·1	1008·4	84·3	84·1	91	82	0·8	0·9	11·9	11·5	90	88	4 1	28 1	10●	3	4·6	7·3	81	⬀ 3 h.–4 h. ●² 8 h.–9 h. 30 m.
Mean	1014·9	1014·8	84·6	82·5	88·4	78·7	1·7	1·1	10·9	10·3	80	86	1·1	0·5	7·8	5·9	53·7	4·24	77·0	
Mean Barometer at Station Level.	1010·1	1010·0																		

* Metres per second. † Beaufort Scale (0—12).

DUBLIN (PHŒNIX PARK), a.—MAY 1912.

Heights above Mean Sea Level:—Station, H = 47·3 m.; Barometer, H_b = 48·5 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0–12) or Velocity (metres per second). 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200+ °	
1	1021·0	1017·9	83·4	85·2	90	82	1·5	1·4	10·2	11·5	82	82	20	3	22	2	8	6	3·6	3·8	82	●² showers 11 h. 30 m.–16 h.
2	1015·2	1015·5	86·1	84·0	88	84	2·6	0·2	10·9	12·6	71	96	22	5	22	3	8	10●	2·9	0·4	83	● showers *p.* and *n.*
3	1016·2	1014·9	82·7	82·0	85	81	0·6	0·6	11·2	10·5	92	93	—	1	—	1	10	10	0·4	0·3	81	● *a.* Dull.
4	1015·9	1014·9	83·2	82·8	86	81	1·9	0·6	9·5	11·2	78	92	8	2	8	2	10	10	0·6	2·7	81	● showers *a.* Cloudy.
5	1012·8	1011·5	84·9	84·5	87	82	1·2	1·1	11·9	11·9	85	87	10	3	16	2	9	10	1·5	0·2	79	● showers all day.
6	1013·5	1013·5	86·0	86·3	90	82	2·2	1·2	11·2	13·2	75	87	18	3	—	1	10	6	0·6	1·2	81	Dull. ● 20 h.
7	1014·5	1018·3	87·3	87·6	89	85	2·2	1·1	12·6	14·6	77	87	—	1	24	2	10	4	1·5	0·7	84	Dull. ●⁰ 13 h.–17 h.
8	1024·0	1024·3	88·3	88·0	*x* 93	84	1·2	1·6	14·9	13·9	87	83	16	3	20	4	10	10	0·5	0·8	82	Dull. ●⁰ 11 h.–13 h.
9	1026·4	1024·3	87·8	82·5	*x* 93	82	2·3	0·5	12·6	10·9	76	93	24	3	—	0	7	3	—	8·6	85	Fine and bright.
10	1020·6	1010·8	83·4	85·1	87	77	0·2	1·6	12·2	11·2	97	81	6	2	10	2	10	10	0·4	0·7	76	Dull.
11	1005·4	1009·1	87·8	85·2	*x* 93	85	1·6	1·7	13·6	11·2	81	80	20	6	—	1	10	10	—	4·7	84	●² 5 h.–5.30 h. Cloudy.
12	1012·8	1019·3	84·8	79·6	88	79	2·6	1·5	9·8	7·8	71	79	*32*	*2*	32	2	6	0	—	8·3	80	Fine and bright.
13	1022·3	1020·3	81·8	77·5	86	*n* 72	2·5	0·3	7·8	8·2	70	96	—	1	—	0	2	0	—	12·7	*n* 70	Beautiful day.
14	1014·2	1007·1	86·7	85·4	91	77	3·5	2·5	10·2	10·5	65	73	14	2	—	1	3	1	—	11·7	72	Beautiful day.
15	1003·3	1001·0	84·5	79·6	87	75	1·6	0·9	11·2	8·5	81	87	22	3	24	3	10	7	—	6·3	73	Fine.
16	1005·4	1014·5	82·1	81·2	87	75	1·9	1·9	8·8	8·2	76	77	24	2	24	3	10	3	0·4	7·7	75	Fine.
17	1016·9	1013·8	85·7	84·5	90	77	2·8	1·3	10·2	11·5	71	84	24	3	20	3	8	10	0·5	5·2	76	Fine, but cloudy.
18	1015·2	1016·2	84·1	82·8	87	79	2·3	1·2	9·5	10·2	73	86	24	3	—	1	7	8	—	3·1	79	Fine, but cloudy.
19	1015·5	1013·5	86·8	82·8	88	80	0·9	0·3	13·9	11·5	89	96	—	1	—	1	8	10	12·2	1·3	80	Dull. ● 16 h.–17 h. 30 m.
20	1007·8	1006·4	83·1	79·4	86	79	0·3	0·3	11·9	9·2	97	95	—	1	—	0	10	4	3·6	0·3	82	●² early *a.* Overcast.
21	1007·4	1006·4	82·8	82·5	84	79	0·5	0·5	11·5	10·9	95	93	2	2	2	2	10●	10	0·1	—	77	Overcast. ●⁰ 9 h. and 18 h.
22	1006·4	1006·7	82·1	81·0	84	80	1·0	0·8	9·8	9·5	88	90	4	4	2	2	10	8	0·6	2·7	81	Fair, but cloudy.
23	1010·1	1018·3	82·4	80·1	85	80	1·5	0·7	9·5	9·2	81	91	32	4	—	0	10	7	—	2·8	79	Fair, but cloudy.
24	1024·7	1027·7	85·0	78·8	88	75	3·6	0·7	8·5	8·2	62	91	32	2	—	0	2	2	—	9·1	71	Fine and bright.
25	1029·4	1027·4	85·7	78·5	90	73	4·0	0·6	8·8	8·5	61	92	*28*	*2*	—	*0*	2	0	—	14·5	*n* 70	Beautiful day.
26	1025·0	1022·0	86·9	78·1	89	73	2·9	0·6	10·9	8·2	69	92	—	*0*	—	0	4	0	—	14·3	*n* 70	Beautiful day.
27	1020·3	1018·3	86·7	84·6	91	74	3·2	1·1	10·5	11·9	68	87	—	1	—	1	5	8	—	8·2	71	Fine.
28	1017·6	1014·9	87·2	83·4	92	80	2·6	0·6	11·5	11·9	72	94	24	2	—	1	5	5	—	10·2	79	Beautiful day.
29	1013·8	1011·5	85·4	83·4	90	81	2·1	1·8	10·9	9·8	75	79	22	2	—	1	7	5	—	3·3	79	Fine, but cloudy.
30	1010·1	1009·4	86·1	82·8	87	77	2·6	0·5	10·9	11·5	72	95	32	2	—	1	6	8	0·6	2·0	73	Dull.
31	1009·4	1008·4	86·3	83·4	89	80	1·8	0·6	12·2	11·5	80	93	6	3	—	1	6	8	—	11·1	77	Beautiful day.
Mean	1015·3	1014·8	85·1	82·6	88·4	79·1	2·0	1·0	10·9	10·6	78	88	2·4		1·4		7·5	6·2	30·0	5·13	77·8	
Mean Barometer at Station Level.	1009·4	1008·8																				

LIMERICK (MUNGRET COLLEGE).—MAY 1912.

Heights above Mean Sea Level:—Station, H = 14·3 m.; Barometer, H_b = 15·2 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 52° 38′ N. Long. 8° 41′ W. *Time*, Dublin mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. Wet 9 h.	Dep. Wet 21 h.	Vap. 9 h.	Vap. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Grass	Remarks
1	1021·3	1018·9	85·4	86·0	91	83	0·4	1·3	13·6	12·6	95	85	20	2	20	3	10	10	—	3·8	82	⊕ 7 h. Dull *a.*
2	1015·9	1016·2	86·6	84·3	89	84	1·8	0·1	12·2	13·2	79	98	20	4	24	3	7	10	—	2·3	82	
3	1015·5	1014·5	85·8	85·2	90	83	1·4	0·9	12·2	12·6	84	89	Calm	0	16	3	6	10	—	3·2	82	
4	1013·2	1012·1	85·0	84·5	90	81	0·9	0·7	12·6	12·2	89	92	12	2	8	2	10●	10	0·9	4·7	79	
5	1009·4	1011·5	86·3	84·8	87	84	0·5	0·2	14·2	13·6	93	98	12	2	16	2	10	10	2·8	0·6	82	
6	1011·8	1012·8	86·6	86·3	89	83	1·0	0·3	13·6	14·6	88	95	16	3	16	4	10	10	0·2	2·1	81	
7	1011·8	1018·6	87·1	86·4	91	85	1·2	0·2	13·6	14·9	86	99	12	3	20	2	10	7	4·4	3·3	84	
8	1022·3	1023·0	88·0	87·7	91	86	0·6	0·6	15·6	15·3	93	92	12	2	20	3	10	10	—	0·3	85	ꓘ 6 h. 30 m.
9	1026·4	1024·3	86·9	83·0	91	83	1·1	0·5	13·9	11·5	87	94	28	2	24	1	10	2	—	6·7	80	
10	1018·3	1009·4	88·6	86·9	*x* 92	81	1·8	0·7	14·2	14·6	81	91	8	2	16	5	10	10	—	3·9	79	
11	1006·7	1009·8	88·0	84·2	*x* 92	84	1·5	0·2	14·2	12·9	84	97	20	4	32	2	9	10	—	3·0	85	
12	1013·5	1018·9	84·8	82·2	89	81	2·8	1·8	9·5	9·2	69	78	4	3	4	3	8	0	—	6·1	79	
13	1022·7	1019·6	83·1	83·3	89	*n* 75	1·3	2·0	10·5	9·5	84	76	4	2	Calm	0	2	9	—	12·8	*n* 71	
14	1014·2	1007·4	86·3	82·3	90	77	2·2	1·0	11·5	10·2	75	87	12	2	Calm	0	8	1	—	7·4	74	Beautiful day.
15	1003·3	1004·4	83·8	80·0	87	78	2·0	1·2	9·8	8·2	77	82	12	2	28	4	10	2	2·9	5·5	75	⌒ 16 h.
16	1011·5	1018·6	83·0	82·4	86	76	1·3	1·5	10·2	9·5	84	80	12	2	28	3	8●	9	—	11·3	73	
17	1017·9	1014·9	85·8	83·3	88	82	2·2	0·5	11·2	11·9	75	94	24	3	20	3	7	10	0·1	5·0	80	
18	1015·9	1016·2	83·6	82·6	86	80	1·2	1·1	10·9	10·2	85	87	4	2	Calm	0	10●⁰	10	0·1	1·4	78	
19	1013·8	1011·1	84·7	83·6	87	79	0·5	0·2	12·9	12·6	94	98	20	2	12	3	10●⁰	10●⁰	12·3	0·4	78	
20	1006·1	1005·7	84·8	81·3	89	81	1·5	0·0	11·2	10·9	82	100	16	2	Calm	0	8	1⌓	—	10·4	77	Beautiful day.
21	1005·7	1006·1	85·3	83·2	90	76	1·0	0·4	12·6	11·9	88	95	4	2	8	4	8	10●	3·8	6·5	74	● in evening.
22	1005·4	1006·4	82·9	81·3	86	81	1·1	0·5	10·5	10·2	87	93	4	2	8	2	10	2	—	—	77	
23	1010·5	1018·3	*83·7*	82·5	86	76	*1·9*	1·2	*9·8*	9·8	*78*	84	4	3	Calm	0	8	9	—	4·8	72	
24	1025·0	1028·1	84·7	82·6	90	*n* 75	1·6	1·6	11·2	9·5	81	80	Calm	0	Calm	0	0	0	—	11·6	72	
25	1029·1	1026·7	86·4	84·4	*x* 92	*n* 75	2·4	2·0	11·2	10·2	73	77	Calm	0	24	4	3	1	—	13·2	*n* 71	Beautiful day.
26	1024·3	1021·3	88·3	84·7	*x* 92	77	2·3	1·9	13·2	10·9	75	78	4	1	4	1	2	1	—	11·3	76	Beautiful day.
27	1020·6	1019·3	86·6	83·6	*x* 92	76	0·9	0·7	13·9	11·9	89	92	16	2	24	2	4	10	—	11·8	74	Beautiful day.
28	1018·3	1017·2	87·4	84·3	91	79	1·7	0·6	13·2	12·2	81	92	28	2	24	3	6	7	—	11·4	77	
29	1014·9	1012·1	85·8	81·2	89	81	1·0	0·2	12·9	10·5	88	97	20	2	24	2	10	4	1·6	3·0	77	
30	1008·8	1008·4	85·8	81·3	89	76	2·3	0·1	10·9	10·9	74	99	Calm	0	4	2	5	5	—	9·9	75	T 13 h. and 15 h.
31	1007·8	1007·4	85·9	81·3	91	76	2·1	0·5	11·2	10·2	76	93	8	2	16	1	9	0	—	9·4	74	≡³ 7 h.
Mean	1014·9	1014·8	85·7	83·6	89·4	79·9	1·5	0·8	12·2	11·5	83	90	2·0		2·2		7·7	6·5	29·1	6·04	77·6	
Mean Barometer at Station Level.	1013·1	1013·0																				

* Metres per second. † Beaufort Scale (0–12).

METEOROLOGICAL OFFICE, LONDON,
28th June 1912.

[*Price One Shilling.*]

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1912.

DEERNESS, ORKNEY, a.b.—JUNE 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 49·7 m. Heights above Ground:—Therms., h_t = 1·2 m.;
Rain-gauge, h_r = 0·3 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0–12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	°	
1	1009·4	1007·8	81·5	81·7	83	80	2·5	0·6	7·8	10·5	69	93	10	5	12	7	10	10	—	—	—	Very fine. Hills blue *a.*
2	1007·4	1006·7	81·7	80·7	83	81	0·7	0·8	10·2	9·5	92	90	12	9	8	7	10	5∞	—	—	—	Breezy, cold, and hazy.
3	1004·4	1004·4	83·4	81·1	85	80	1·2	0·4	10·9	10·2	86	95	6	9	4	8	3∞	3	—	9·4	—	Bright, dry, and breezy.
4	1003·3	1006·1	82·0	80·6	85	80	0·9	0·2	10·2	10·2	89	99	4	12	4	11	10∞	10≡●⁰	1·3	—	—	≡ after 20 h.
5	1008·4	1010·5	82·1	81·7	84	81	0·3	0·2	11·2	11·2	96	99	6	7	4	7	10≡	10≡	1·0	0·2	—	≡ all day.
6	1010·1	1009·8	81·8	82·2	85	81	0·1	0·4	11·2	11·2	98	95	4	8	4	9	10●⁰	10≡⁰	3·1	1·7	—	●⁰ after 4 h. and after 19 h.
7	1010·5	1014·2	82·8	81·7	84	82	0·5	0·5	11·5	10·5	95	94	2	9	30	4	10≡⁰	10	—	—	—	Dull and misty.
8	1014·5	1013·8	82·8	82·2	84	81	0·6	0·5	11·2	10·9	93	94	32	5	32	3	10	10	—	—	—	Dull.
9	1013·8	1014·9	81·5	81·7	84	81	0·4	0·5	10·5	10·5	95	94	2	4	32	2	10●⁰	10	—	—	—	●⁰ showers *a.*
10	1014·9	1014·2	82·1	81·1	83	81	0·9	1·2	10·2	9·2	88	85	6	3	6	4	10	10	—	—	—	Dull *a.* Hills blue *p.*
11	1013·5	1015·5	82·0	81·7	84	81	1·4	0·8	9·5	9·8	83	90	6	7	6	4	10	10	—	—	—	Hills blue *a.* Red sunset.
12	1015·2	1011·8	82·8	82·8	85	81	0·6	0·7	11·2	10·9	93	91	8	4	12	5	10≡⁰	10	—	2·0	—	Fine *p.*
13	1009·1	1011·1	81·8	80·8	83	81	0·1	1·0	11·2	9·2	98	87	8	8	4	4	10●⁰	10	—	—	—	●⁰ after 8 h.
14	1010·5	1007·4	82·8	79·5	85	80	2·4	1·1	8·8	8·2	72	84	32	5	32	4	7	2	—	6·6	—	Bright *a.* Very dry.
15	1006·1	1005·0	84·0	80·6	85	79	2·7	1·4	9·2	8·5	70	82	32	7	2	6	4	6●	1·5	9·7	—	Bright and breezy. ●⁰ after 20 h.
16	1005·7	1010·5	82·4	79·7	85	79	3·1	1·6	7·8	7·8	64	78	30	10	28	6	4	7	0·5	8·3	—	Cold strong wind.
17	1012·8	1012·8	81·2	80·6	85	*n* 77	2·1	1·7	7·8	8·2	74	79	24	5	10	2	7	9	—	9·8	—	Fair.
18	1006·4	1004·7	82·0	84·6	86	80	0·3	1·2	10·9	11·5	96	85	12	10	24	12	10●	8	5·1	3·5	—	● 9 h.–16 h.
19	1007·8	1003·0	84·3	82·9	*x* 89	82	1·7	0·1	10·9	12·2	80	99	24	8	8	5	2	10≡²●	5·1	—	—	≡● from 20 h.
20	1000·3	1007·1	83·8	82·4	85	82	0·3	1·0	12·2	10·2	96	87	28	6	26	8	10≡	10	0·5	2·4	—	≡*a.*
21	1009·1	1008·8	84·8	83·6	86	82	1·3	0·2	11·5	12·2	84	97	18	3	10	4	10	9	1·4	—	—	
22	1006·1	1006·7	84·5	84·6	88	84	0·0	0·1	13·6	13·2	99	98	14	7	14	7	10≡⁰	6	2·3	5·3	—	● 4 h.–8 h.
23	1005·0	1004·0	83·8	83·5	87	84	0·1	0·1	12·9	12·6	99	99	14	6	10	2	10≡²	10≡²	—	1·6	—	≡² till noon and after 20 h.
24	1005·0	1005·7	86·1	83·9	87	81	1·1	0·4	13·2	12·2	87	95	16	5	14	2	0	4	—	12·6	—	Very fine all day.
25	1004·7	1002·0	86·2	83·9	87	84	1·1	0·0	13·2	12·9	87	100	14	5	10	11	2	10●	3·8	2·6	—	● after 16 h.
26	1007·4	1013·2	85·0	83·5	87	83	0·5	0·1	13·2	12·6	94	99	10	7	—	1	4	10≡²	—	5·4	—	Fine after 2 h. ≡² after 18 h.
27	1015·2	1014·5	83·1	83·9	86	82	0·2	0·0	12·2	12·9	98	100	10	3	10	6	10≡²	5≡	4·6	0·5	—	≡² *n.* and *a.*
28	1010·1	1006·7	84·3	84·5	85	84	0·0	0·0	13·2	13·6	99	99	10	7	12	7	10≡●	10≡●	1·8	—	—	≡ *n.* and *a.* ≡●⁰ all day.
29	1005·7	1005·7	85·4	83·8	87	83	0·5	0·6	13·6	11·9	94	93	14	4	12	2	4∞	6	—	8·4	—	Fine all day.
30	1005·4	1007·1	86·4	84·1	87	83	1·0	0·4	13·6	12·2	88	94	12	2	—	1	8	6	—	4·5	—	Fine.
Mean	1008·6	1008·9	83·3	82·3	85·2	81·3	1·0	0·6	11·2	10·9	89	92	6·3		5·4		7·8	8·2	32·0	3·15	—	
Mean Barometer at Station Level.	1002·6	1002·8																				

ABERDEEN, a.e.—JUNE 1912.

Heights above Mean Sea Level:—Station, H = 14·0 m.; Barometer, H_b = 26·8 m. Heights above Ground:—Therms., h_t = 12·5 m.;
Rain-gauge, h_r = 0·6 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. Wet 9 h.	Dep. Wet 21 h.	Vap. 9 h.	Vap. 21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 10 h.	Cloud 22 h.	Rain 10 h.	Sunshine	Min. Grass	Remarks
1	1009·8	1008·4	81·5	82·1	84	81	1·4	0·6	9·2	10·5	82	92	14	4	12	3	10	10	—	0·4	—	Dull.
2	1007·1	1005·0	82·0	81·7	83	81	0·9	0·9	10·2	9·8	89	89	10	4	6	3	10	10	2·8	—	—	●⁰ showers *a.* Dull.
3	1002·3	1001·7	82·4	83·7	86	81	0·7	2·0	10·5	9·8	90	77	4	3	2	4	8●	1·	—	3·5	—	● showers *a.* Cloudy to dull.
4	1000·0	1003·3	83·8	82·4	84	81	1·3	0·4	10·9	11·2	85	94	2	5	4	3	10≡⁰	10≡⁰	—	—	—	Dull. ●⁰ showers *n.*
5	1005·7	1006·1	82·9	83·2	84	82	0·6	0·7	11·2	11·5	93	92	4	6	2	7	10≡⁰	10≡⁰●⁰	0·8	0·4	—	≡¹ all day. Occasional ●⁰.
6	1006·4	1007·4	83·1	82·9	84	82	1·0	0·6	10·9	11·2	87	92	2	8	30	2	10	10●	6·1	0·1	—	Cloudy to dull. ● *n.*
7	1010·5	1014·5	83·7	83·5	86	82	1·0	1·1	11·5	10·9	89	87	26	5	30	3	10	10	—	0·8	—	Dull and cloudy.
8	1014·2	1013·8	82·4	83·0	85	82	1·0	1·3	10·2	10·2	88	84	28	4	28	2	10	9	0·3	—	—	Dull all day. ●⁰ *p.*
9	1014·5	1015·5	82·9	83·0	86	82	0·9	0·8	10·9	10·9	88	90	28	2	12	2	10	10	—	0·5	—	●⁰ showers early. Dull.
10	1014·2	1012·1	83·9	82·5	85	82	0·9	0·9	11·5	10·5	89	89	10	3	4	4	6	10●	6·9	8·0	—	Bright generally. ● after 19 h.
11	1011·1	1014·5	82·7	82·9	85	82	0·2	0·5	11·9	11·5	97	94	6	4	6	3	10●≡⁰	*10*≡⁰	0·5	—	—	● *a.* Intermittent ≡².
12	1015·5	1011·8	83·1	83·5	84	82	0·3	0·8	11·9	11·5	97	91	10	2	14	2	*10*≡⁰	10≡⁰	2·0	—	—	●⁰ *a.* Dull, with ≡².
13	1007·4	1008·8	83·4	82·2	85	82	0·5	0·3	11·9	11·2	95	96	—	1	6	5	10≡●	10●≡⁰	7·4	0·9	—	Extraordinary gloom 10 h. [●⁰≡².
14	1010·5	1007·8	82·5	82·1	85	81	1·9	1·9	9·2	8·8	76	77	26	4	—	1	10	10	—	0·1	—	Dull all day.
15	1006·7	1004·7	81·8	82·1	86	81	1·9	1·8	8·5	8·8	77	78	28	3	—	1	9	10	—	0·5	—	Very cloudy to dull.
16	1005·7	1012·1	82·0	80·9	85	80	2·3	2·1	8·2	7·8	72	75	30	4	30	2	8	8	—	7·6	—	Cloudy to fair.
17	1014·5	1012·5	83·1	82·3	86	*n* 77	3·6	2·2	7·5	8·5	62	73	26	4	14	4	7	10●	5·8	5·0	—	Fair to cloudy. ● *n.*
18	1007·4	1008·1	82·8	88·7	*x* 92	82	0·3	3·1	11·5	12·2	97	69	14	3	24	2	? 10≡⁰	4	0·5	4·4	—	≡¹● *a.* Cloudy to fair *p.*
19	1009·8	1003·7	85·0	85·3	88	84	0·8	0·5	12·6	13·2	90	93	10	2	—	1	10●	10●	2·0	0·3	—	≡⁰●⁰ showers.
20	1004·0	1009·4	88·8	86·4	90	84	4·3	2·3	10·5	11·5	59	74	22	5	—	1	9	8	2·3	3·3	—	Cloudy to dull. ●⁰ showers.
21	1010·5	1010·1	87·4	86·3	91	84	2·5	1·2	11·9	12·9	73	85	16	2	18	2	8	10	2·0	2·1	—	Cloudy to dull. ●⁰ showers 19 h.
22	1008·8	1008·8	86·7	85·0	91	85	1·4	0·7	12·9	12·9	84	91	16	4	—	1	8	8	0·5	2·5	—	Cloudy to dull. ●⁰ showers.
23	1007·1	1006·1	86·0	87·5	91	84	0·9	2·2	13·2	12·6	90	76	16	3	16	2	10≡⁰	1	—	5·7	—	≡⁰ to cloudy. Fine *p.* and *n.*
24	1006·7	1007·4	89·0	87·4	91	84	2·9	2·0	12·9	12·9	71	78	16	3	16	2	1	3	—	12·1	—	⌓ *a.* Fine and bright.
25	1005·7	1001·7	86·1	84·3	87	84	1·4	0·6	12·6	12·2	84	91	14	4	14	2	10	10●≡⁰	3·8	0·2	—	Dull and cold. ●≡⁰.
26	1007·1	1013·2	84·3	85·7	90	82	0·8	1·2	11·9	12·6	90	86	12	2	—	1	10●	1⌓	—	4·0	—	≡⁰●⁰ *a.*, then bright. T *p.*
27	1015·2	1013·5	87·0	85·4	90	82	2·2	1·1	11·9	12·6	75	87	30	2	14	2	5	10≡⁰	1·0	6·0	—	⌓ *a.* ≡⁰●⁰ *n.*
28	1009·8	1007·1	85·4	85·2	87	84	0·7	0·8	12·9	12·9	91	91	14	3	—	1	10≡⁰	2	0·3	—	—	≡⁰●⁰ *a.* and *p.*
29	1007·1	1006·4	88·1	85·7	89	82	2·8	1·4	12·2	12·2	71	83	16	2	—	0	3	2	—	8·3	—	⌓ *a.* T 15 h.–16 h. 30 m.
30	1006·4	1006·4	87·9	86·7	91	82	2·1	0·8	12·9	14·2	77	90	—	1	—	1	7	8	4·8	4·9	—	⌓ *a.* T● *p.* ● *n.*
Mean	1008·7	1008·7	84·4	84·1	86·9	82·1	1·5	1·2	11·2	11·3	84	85	3·4		2·3		8·6	7·8	49·8	2·72	—	
Mean Barometer at Station Level.	1005·4	1005·4																				

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.

* Metres per second.

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Fort William, Inverness-shire, a.—June 1912.

Heights above Mean Sea Level :—Station, H = 52·1 m. ; Barometer, H_b = 11·6 m. Heights above Ground :—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) *or Velocity* (*metres per second.*) 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	†	†	Tenths of Sky covered.		mm.	hr.	°	
1	1007·4	1005·0	83·9	85·3	90	81	1·8	2·4	10·2	10·5	79	74	Calm 0	Calm 0	10●^{0}	2∞	1·0	—	—	Fine and sunny. ∞
2	1004·4	1002·3	83·6	82·4	86	82	0·7	0·5	11·9	10·9	92	93	Calm 0	6 2	10∞	10●≡	7·9	—	—	Dull and showery.
3	999·6	998·9	84·1	87·9	90	81	1·7	4·5	10·5	9·5	80	55	4 5	4 6	10	7	—	—	—	Generally fine.
4	999·6	1002·0	84·1	82·6	88	81	2·7	1·1	9·2	10·2	70	86	4 7	4 7	2	10≡	—	—	—	Short sunny intervals.
5	1004·7	1007·8	86·3	83·9	87	82	2·9	1·5	10·5	10·9	69	83	4 6	4 5	7	10●^{0}	—	—	—	Short sunny intervals.
6	1008·1	1009·4	85·1	83·8	87	83	2·2	0·9	10·5	11·5	75	90	4 5	4 3	10≡	10≡	—	—	—	Short sunny intervals.
7	1012·1	1013·5	84·1	84·7	90	80	1·6	1·5	10·9	11·2	81	82	Calm 0	4 4	10≡	9∞	—	—	—	Clear and sunny.
8	1013·8	1013·8	88·1	84·8	90	80	3·8	1·9	10·9	10·9	62	78	Calm 0	4 1	5	10●	0·5	—	—	Alternate sun and clouds.
9	1013·5	1013·5	87·6	84·1	92	81	2·9	1·1	11·5	11·5	69	86	Calm 0	4 2	8	3	0·3	—	—	Mostly fine and sunny.
10	1011·8	1009·1	86·4	85·5	90	81	2·9	1·9	10·5	11·2	70	77	12 2	6 3	9∞	7∞	0·3	—	—	Fine and sunny. ∞
11	1010·5	1012·5	83·6	82·9	88	82	1·0	1·0	11·2	10·5	88	87	4 2	4 2	10●^{0}	7≡	5·1	—	—	Cloudy. ⚡ *p.*
12	1012·8	1009·4	87·4	84·1	*x* 93	80	2·7	0·6	11·5	12·2	71	93	Calm 0	Calm 0	3∞	10⚡●	22·4	—	—	Sunny till 16 h. ⚡ all evening.
13	1006·1	1009·1	84·2	83·7	90	82	0·2	0·7	12·9	11·9	97	92	20 2	6 3	10	10≡	6·1	—	—	Generally warm *a.* Passing ●^{0}.
14	1010·1	1006·1	86·8	83·0	89	82	2·6	0·4	11·5	11·9	72	96	Calm 0	20 1	6∞	10≡●	7·9	—	—	Intermittent sunshine.
15	1006·1	1003·0	82·5	81·8	85	81	0·6	0·5	10·9	10·5	92	94	8 1	6 3	10≡	10≡●	20·1	—	—	≡●
16	1007·4	1013·2	82·8	81·8	89	80	2·9	2·5	8·2	7·8	66	70	4 4	Calm 0	9	8	—	—	—	Intermittent sunshine.
17	1014·9	1010·8	84·7	82·4	88	*n* 77	3·8	0·6	8·2	10·9	60	92	20 2	20 1	9	10●≡^{0}	3·6	—	—	Intermittent sunshine.
18	1005·4	1009·8	83·6	84·9	90	81	0·2	0·7	12·6	12·6	98	91	20 1	20 2	10●^{0}	10●^{0}	1·3	—	—	≡●^{0}. Short sunny intervals.
19	1007·4	1005·0	84·7	84·7	87	83	0·6	0·5	12·6	12·9	93	94	Calm 0	Calm 0	10●^{0}≡^{0}	10≡	13·0	—	—	≡^{0}● nearly all day.
20	1005·7	1010·8	85·1	85·1	91	83	0·5	1·1	13·2	12·2	94	88	20 3	20 3	10●^{0}≡^{0}	10●^{0}	4·1	—	—	● showers. Mostly fair.
21	1009·4	1007·4	86·3	85·8	89	83	0·8	0·4	13·9	13·9	90	95	20 3	Calm 0	10≡	10≡^{0}●^{0}	8·4	—	—	Dull, with ≡^{0}●^{0}.
22	1005·7	1005·4	86·3	89·1	92	85	0·3	2·0	14·6	14·2	95	79	20 2	18 3	10●^{0}≡^{0}	10≡^{0}●^{0}	10·4	—	—	Dull and showery.
23	1004·4	1004·7	89·1	86·3	*x* 93	86	1·7	1·5	14·9	12·6	82	82	20 3	Calm 0	6	2	6·6	—	—	Fine and sunny.
24	1004·7	1007·1	87·1	85·2	90	85	0·9	0·3	14·2	13·6	89	95	20 1	20 3	10	10●≡^{0}	6·1	—	—	● showers. Short sunny inter-[vals.
25	1000·6	1000·0	85·2	85·1	89	84	1·9	1·9	10·9	10·9	77	78	16 1	12 2	10●≡^{0}	6	1·8	—	—	Alternate sun and ●^{0}.
26	1006·7	1013·8	88·2	86·9	92	81	2·4	1·7	12·9	12·9	74	81	20 1	Calm 0	9	8	—	—	—	Fine and sunny.
27	1013·8	1008·8	86·1	87·2	89	82	1·4	2·1	12·6	12·2	83	77	Calm 0	16 1	10	10●	1·3	—	—	Dull. ●^{0} in evening.
28	1006·1	1005·7	89·1	85·0	*x* 93	84	1·7	1·8	14·9	11·2	83	79	20 1	Calm 0	10∞	6	1·8	—	—	Sunny *a.* ●^{0} *p.*
29	1005·7	1006·7	88·8	84·9	90	82	2·6	0·7	13·2	12·6	74	91	20 3	Calm 0	7	10≡	5·6	—	—	Sunny a. ●^{0} *p.*
30	1006·4	1007·4	85·6	85·2	88	84	0·5	0·9	13·6	12·6	94	88	20 3	Calm 0	10●^{0}≡^{0}	10≡	5·6	—	—	Dull and cloudy. ●^{0}
Mean	1007·5	1007·8	85·7	84·7	89·6	82·1	1·7	1·3	11·8	11·6	81	85	1·9	1·9	8·7	8·5	141·2	—	—	
Mean Barometer at Station Level.	1006·1	1006·4																		

Dundee, Forfarshire, c.d.—June 1912.

Heights above Mean Sea Level :—Station, H = 48·8 m. ; Barometer, H_b = 50 m. Heights above Ground :—Therms., h_t = 1·16 m. ;
Rain-gauge, h_r = 0·3 m. Lat. 56° 28′ N. Long. 2° 56′ W. *Time*, Greenwich mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †	Wind 21 h. †	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Grass	Remarks
1	1009·4	1007·8	82·5	82·5	85	80	0·6	0·3	10·9	11·2	92	96	12 1	8 1	10	10	1·3	—	—	Dull and cloudy.
2	1006·4	1003·7	81·4	81·3	83	81	0·2	0·4	10·5	10·2	97	94	4 3	8 3	10	10	3·3	—	—	Dull. ●^{0} 6 h.–19 h. ≡^{0}
3	1001·0	1000·3	83·5	83·6	87	81	0·8	1·4	11·5	10·5	91	83	4 3	4 3	10	10	0·3	—	—	Dull except 12 h.–14 h.
4	998·3	1001·7	83·1	82·5	84	82	0·7	0·2	11·2	11·5	92	97	4 5	4 3	10●	10	3·6	—	—	● 18 h.–20 h.
5	1004·4	1005·7	83·6	83·6	86	82	0·6	0·6	11·9	11·9	93	93	4 3	4 1	10●	10	0·8	—	—	●^{0} till 11 h. Dull.
6	1005·7	1008·1	84·1	83·7	85	81	1·7	1·2	10·5	11·2	81	86	4 5	32 1	10	10	2·3	—	—	Dull. ●^{0} 14 h.–16 h.
7	1011·1	1014·5	88·0	84·1	89	82	2·2	1·2	12·9	11·2	76	85	28 1	8 1	10	10	0·8	—	—	Dull. ●^{0} 11 h.–15 h.
8	1014·2	1013·8	83·6	83·3	86	81	0·8	0·6	11·5	11·5	90	93	4 1	20 1	10	10	0·3	—	—	Dull and cloudy.
9	1013·5	1014·9	85·9	82·4	88	82	1·5	0·5	12·2	10·9	83	93	8 1	8 1	10	10	—	—	—	Dull and cloudy.
10	1013·5	1010·8	84·2	82·3	87	81	1·2	0·5	11·2	10·9	85	94	8 3	4 3	10	10	1·8	—	—	Dull. ● after 21 h.
11	1010·8	1013·8	84·3	82·7	86	81	0·4	0·3	12·6	11·5	95	95	8 1	8 1	10	10	—	—	—	Dull and cloudy.
12	1015·2	1010·1	83·9	83·3	86	82	0·4	0·3	12·2	11·9	95	96	8 1	8 1	10	10	3·8	—	—	Dull and cloudy.
13	1007·1	1008·1	84·2	83·7	87	82	0·3	0·4	12·6	12·2	96	96	12 1	4 1	10	10	4·6	—	—	● early and 19 h.–20 h.
14	1011·5	1007·4	81·9	81·3	86	81	0·5	0·4	10·5	10·2	94	94	12 1	8 1	10●	10	2·8	—	—	Dull. ●^{0} 8 h.–17 h.
15	1006·4	1004·7	81·3	80·9	82	80	0·3	0·4	10·5	10·2	95	96	12 1	8 1	10	10	7·9	—	—	Dull. ●^{0} from 18 h. 30 m.–21 h.
16	1006·1	1012·5	82·7	81·3	86	79	1·9	0·3	9·2	10·5	76	95	32 3	12 1	5	10●	5·3	—	—	● early, 16 h., and 19 h.–21 h.
17	1015·2	1011·5	84·7	82·2	88	*n* 77	2·8	0·9	9·5	10·2	69	89	24 3	8 3	5	10●	3·3	—	—	Dull from 16 h. ● from 21 h.
18	1007·4	1010·5	83·8	86·9	87	81	0·5	1·4	12·2	13·2	94	84	8 1	20 1	10●	5	0·3	—	—	● till 9 h. Fine from 11 h.
19	1010·1	1004·7	85·5	86·6	87	84	0·6	0·3	13·2	14·9	92	96	8 1	20 1	10	10	2·5	—	—	Dull. ●^{0} 12 h.–21 h.
20	1005·7	1011·1	87·4	85·5	89	83	2·2	1·8	12·6	11·2	76	78	20 5	20 5	10	5	1·5	—	—	Dull till 13 h. ●^{0} 10 h.–13 h.
21	1010·8	1010·5	86·8	85·8	89	83	1·5	0·8	13·2	13·2	83	90	20 3	20 1	10	10	4·1	—	—	Dull. ●^{0} 16 h. 30 m.–21 h.
22	1009·4	1008·4	86·6	87·4	89	85	0·7	0·2	14·2	15·9	91	97	16 1	8 1	10	10	8·4	—	—	● early and 13 h.–20 h. 30 m.
23	1006·1	1007·4	88·6	87·2	95	84	0·9	2·0	15·9	12·6	91	78	12 1	28 1	5	5	—	—	—	Fine from 10 h. T● 12 h. 30 m.–[13 h.
24	1006·4	1008·8	88·9	86·6	90	83	2·2	1·5	13·9	12·9	78	82	20 1	20 1	10	5	4·6	—	—	Dull till 11 h.
25	1004·7	1001·3	85·9	84·8	87	84	1·7	0·7	11·9	12·6	81	92	12 3	12 1	10	10	—	—	—	Dull and cloudy.
26	1006·7	1013·5	89·1	85·9	*x* 92	81	2·2	0·4	13·9	14·2	77	96	20 1	24 1	5	10	3·1	—	—	T 16 h.–18 h. ● 18 h.–19 h.
27	1016·2	1012·8	88·6	85·3	91	82	1·7	0·3	14·2	13·6	82	96	20 1	12 1	10	10●	9·4	—	—	● 17 h.–18 h. and from 21 h.
28	1009·1	1007·1	85·7	84·4	87	84	0·3	0·3	14·2	12·9	94	96	8 1	8 1	10	10	5·8	—	—	● 11 h.–14 h. 30 m.
29	1006·7	1006·7	88·7	85·3	86	82	2·1	0·9	13·9	12·6	78	89	12 1	20 1	5	10	0·3	—	—	Cloud and sunshine till 14 h.
30	1007·1	1007·1	87·6	86·7	90	82	1·8	1·6	13·2	12·6	79	81	20 3	24 1	5	10	—	—	—	Cloud and sunshine till 16 h.
Mean	1008·5	1008·6	85·2	84·1	87·4	81·8	1·2	0·7	12·2	12·0	87	91	2·0	1·5	9·0	9·3	82·2	—	—	
Mean Barometer at Station Level.	1002·6	1002·7																		

† Beaufort Scale (0—12).

Glasgow, Lanarkshire, a.—June 1912.

Heights above Mean Sea Level :—Station, H = 54·9 m. ; Barometer, H_b = 56·1 m. Heights above Ground :—Therms., h_t = 2·1 m.
Rain-gauge, h_r = 0·6 m. Lat. 55° 53′ N. Long. 4° 18′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) *or Velocity* (*metres per second.*) 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	*	*	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1007·1	1005·4	84·1	83·5	89	81	0·6	1·0	12·2	11·2	93	88	6 3	8 5	10	8	9·4	2·3	80	●^{2} showers 13 h. and 23 h.
2	1003·7	1001·0	82·3	81·7	84	82	0·5	0·3	10·9	10·9	93	96	6 4	6 5	10●	10●	14·1	—	81	● 6 h.–23 h.
3	998·9	997·6	83·2	83·9	86	81	0·6	1·1	11·5	11·2	92	87	6 5	4 5	10	10	2·0	—	81	● showers *a.* and noon.
4	996·9	1000·0	82·9	83·4	85	82	0·5	0·8	11·5	11·5	93	91	6 4	6 5	10●	10	0·5	—	81	● 6 h. 30 m.–10 h.
5	1002·7	1005·4	84·0	85·2	88	82	0·5	1·8	12·2	11·2	93	79	4 4	4 3	10●^{0}	10	—	0·6	80	● showers in evening.
6	1006·4	1008·4	86·3	85·9	89	84	3·2	2·9	10·2	10·2	66	69	2 2	— 1	10	10	—	0·7	82	Dull and overcast.
7	1010·8	1012·8	87·0	85·7	90	81	3·4	2·0	10·2	11·2	64	76	— 1	8 4	7	10	—	4·7	77	Dull. ● showers *p.*
8	1013·5	1013·8	85·0	84·2	86	83	2·0	1·1	10·9	11·5	77	86	8 2	8 2	10	10	0·9	—	82	∞ *a.*
9	1013·8	1012·5	84·6	85·6	90	83	0·5	1·7	12·9	11·5	94	79	— 1	6 4	10●	7	1·7	0·4	81	● *a.*
10	1011·1	1008·4	84·3	83·4	86	83	0·7	0·4	12·2	11·9	90	95	8 5	4 5	10●^{0}	10●	3·3	—	82	● *a.* ●^{2} in evening.
11	1009·1	1012·5	84·7	83·7	88	82	1·0	0·8	11·9	11·5	87	91	6 4	6 3	9	4∞	2·2	2·8	81	⚡ 15 h. Fine evening.
12	1013·2	1009·4	85·5	84·6	89	83	1·9	0·5	11·2	12·6	77	93	4 3	8 3	8∞	10T	9·2	4·4	81	Bright *a.* ⚡●^{2} 22 h.
13	1006·1	1008·1	86·8	84·6	89	84	2·5	1·5	11·5	11·2	72	82	22 4	26 3	8	10	7·3	5·4	83	●^{2} ▲^{2} 10 h. 45 m. T 14 h.
14	1010·1	1006·1	84·6	83·7	88	84	0·9	0·3	11·9	12·2	88	96	— 1	— 1	10∞	10●	7·7	—	82	● 8 h. and 19 h.–23 h. ●^{2} 23 h. [40 m.
15	1005·4	1003·0	87·1	83·2	88	83	3·0	0·8	10·9	11·2	69	90	24 3	22 3	8	10●	5·2	3·5	82	Fine intervals.
16	1006·4	1012·1	83·5	82·4	87	80	2·5	2·7	9·2	8·2	71	68	6 4	26 3	9	10	—	1·9	80	●^{0} showers *a.*
17	1014·9	1009·8	84·0	83·4	87	*n* 78	3·8	1·5	7·8	10·2	60	82	— 1	14 2	3	10●^{0}	6·5	5·4	*n* 73	● showers after 17 h.
18	1006·4	1010·8	84·1	86·2	92	82	0·0	1·6	13·2	12·6	99	82	— 0	26 2	10●^{0}∞	9	7·0	3·6	81	●∞ *a.*
19	1007·8	1005·4	87·9	85·4	89	85	0·5	0·7	15·9	12·9	94	91	20 2	24 3	10	10	7·5	—	82	● till 9 h. ● 14 h.–20 h.
20	1007·4	1012·5	85·0	85·1	89	84	0·9	1·6	12·6	11·2	89	81	22 6	24 6	10●	3	0·9	5·0	81	● showers *a.* ⋃ 22 h.
21	1010·8	1009·1	86·8	86·2	89	83	2·0	0·8	12·2	13·6	77	91	20 4	16 3	10	10●^{0}	3·0	0·5	79	●^{0} early *a.*, and after 14 h.
22	1008·1	1007·4	87·8	87·5	90	86	1·1	0·7	14·6	15·3	87	91	18 5	— 1	10	10●	10·5	—	85	●^{2} in evening.
23	1006·1	1005·7	88·5	87·3	*x* 93	86	2·3	2·2	13·2	12·6	76	77	20 3	16 3	8	8	0·7	5·7	85	Bright intervals.
24	1005·4	1008·8	87·8	85·6	90	85	2·4	1·1	12·6	12·6	74	87	18 4	20 2	10●	8	2·9	3·3	82	● showers *a.*
25	1001·0	1000·3	84·7	86·3	92	84	1·1	2·2	11·9	11·5	86	76	10 5	18 2	10●∞	8	—	3·8	82	● *a.*
26	1006·7	1014·2	86·7	86·5	92	83	2·3	1·8	11·9	12·2	75	79	18 2	26 2	7	3	0·3	9·4	78	Fine and bright.
27	1014·5	1009·8	86·2	85·8	88	85	1·3	0·6	12·9	13·6	84	92	16 3	8 4	10	10	6·3	0·1	81	● till 21 h.
28	1006·1	1006·1	88·6	84·9	89	85	3·5	0·8	11·5	12·6	65	90	14 4	14 2	8	9	13·5	2·4	85	●^{2} 17 h. ● 21 h. 15 m.
29	1006·4	1007·1	87·1	86·0	91	85	2·3	1·9	11·9	11·9	74	79	— 1	24 3	5	6	—	6·6	82	Fine.
30	1007·8	1007·8	86·3	85·2	89	84	1·5	1·1	12·6	12·2	83	86	22 4	24 3	10	6	—	0·6	80	Dull and cloudy.
Mean	1007·5	1007·7	85·6	84·9	88·7	83·1	1·6	1·3	11·9	11·8	81	85	3·1	3·1	9·0	8·6	122·6	2·44	81·1	
Mean Barometer at Station Level.	1000·7	1000·9																		

Cockle Park (near Morpeth), Northumberland.—June 1912.

Heights above Mean Sea Level :—Station, H = 98·7 m. ; Barometer, H_b = 100·8 m. Heights above Ground :—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 55° 13′ N. Long. 1° 41′ W. *Time*, Local mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †	Wind 21 h. †	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Grass	Remarks
1	1008·8	1006·4	82·0	81·9	86	80	0·3	0·1	10·9	11·2	96	99	8 1	8 1	10≡^{0}	10≡^{0}	2·8	1·7	82	● showers *n.* Fine but cloudy.
2	1003·3	*1001·0*	82·2	82·0	82	81	0·1	0·0	11·5	11·5	98	100	8 2	8 1	10≡^{0}	10≡^{0}	6·1	—	82	● showers nearly all day.
3	998·3	996·6	83·1	82·4	84	82	0·2	0·0	12·2	11·9	98	100	8 1	8 1	10≡^{0}	10≡^{0}	15·5	—	83	● *n.* and during day.
4	995·6	999·3	82·6	82·5	84	81	0·0	0·0	11·9	11·9	100	100	8 1	12 1	10≡^{0}	10≡^{0}	7·4	0·8	83	●^{0} *n.* ● showers in evening.
5	*1000·0*	1002·7	82·5	81·9	85	79	0·0	0·0	11·9	11·5	100	100	8 3	4 3	10≡^{0}	10≡^{0}	6·1	—	82	● showers.
6	1003·0	1007·4	82·4	82·5	85	81	0·0	0·8	11·9	10·5	100	90	32 3	32 2	8	6	1·8	0·6	81	● showers.
7	1010·8	1013·8	86·7	83·2	87	81	2·5	0·3	11·2	11·9	72	96	24 1	28 1	7	3	--	10·4	82	Fine and warm.
8	1013·2	1014·9	83·3	81·6	84	78	0·8	0·4	11·2	10·5	90	94	4 2	24 1	10	9	0·5	—	79	● showers.
9	1014·9	1014·2	84·9	83·0	87	*x* 77	0·9	0·1	12·2	12·2	89	99	24 1	8 1	10	10≡^{0}	2·3	3·9	79	Fine but close.
10	1011·8	1008·4	83·2	83·1	84	82	0·0	0·0	12·6	12·2	100	100	8 1	4 2	10≡^{0}	10≡^{0}	7·4	—	82	● showers.
11	1009·4	1013·2	83·7	82·4	85	78	0·5	0·0	12·2	11·9	95	100	8 1	4 1	10	4	0·3	6·0	81	●^{0} showers.
12	1014·9	1012·1	84·1	83·5	86	81	0·3	0·0	12·6	12·6	96	100	8 1	12 1	10	10≡^{0}	3·6	0·4	78	Distant T.
13	1007·4	1007·4	85·3	83·4	89	81	0·9	0·5	12·6	11·9	89	94	24 1	24 2	9	8	5·3	2·1	80	● showers.
14	1010·8	1007·4	83·5	81·7	85	81	1·0	0·3	11·2	10·9	88	97	28 2	12 1	9	10	4·1	—	81	●^{0} showers.
15	1006·7	1003·0	82·4	82·5	88	79	0·1	0·0	11·5	11·9	99	100	4 1	28 2	10	10	20·6	1·6	78	●^{2} 9 h.–13 h., then ● showers.
16	1005·0	1012·5	83·1	80·6	86	80	1·8	0·5	9·5	9·8	78	94	28 2	8 1	7	8	0·8	4·1	79	●^{0} showers *p.*
17	1015·5	1012·8	82·9	81·5	85	*x* 77	1·9	0·2	9·5	10·9	78	97	24 2	16 2	6	10	7·9	4·4	*n* 75	● showers *p.*
18	1007·8	1010·8	84·2	88·2	89	*80*	0·3	1·5	12·6	14·2	96	84	20 2	24 6	10	7	1·5	0·5	77	● showers.
19	1010·5	1005·7	90·3	85·4	*x* 96	*82*	2·4	0·6	14·9	13·2	75	92	16 1	28 2	4	2	—	3·8	85	
20	1008·1	1012·8	86·8	84·3	89	84	2·4	1·0	11·5	11·5	74	88	24 5	24 2	6	3	2·0	7·0	82	● showers in afternoon.
21	1014·2	1013·2	87·3	85·2	94	82	2·1	0·7	12·6	12·9	77	91	24 2	20 1	7	9	2·3	1·3	81	● showers in evening.
22	1011·1	1008·8	90·6	86·8	94	85	2·4	0·8	15·3	14·2	76	91	20 1	24 1	7	3	5·6	9·4	83	Fine and warm.
23	1007·1	1008·4	89·5	86·2	94	85	1·6	2·1	15·6	11·5	84	76	28 2	24 1	8	4	—	7·7	84	⚡ 3 h.–5 h.
24	1008·1	1010·5	88·2	85·6	92	83	2·7	1·4	12·2	12·2	72	84	20 3	24 1	7	3	0·3	7·0	81	Fine and dry.
25	1006·4	1002·7	85·0	82·1	93	82	1·1	0·3	11·9	11·2	86	97	16 2	Calm 0	10	6	18·8	1·6	81	●^{2} ⚡ 16 h. 30 m.–18 h.
26	1006·7	1013·8	86·7	86·0	90	81	2·6	0·7	11·2	13·6	71	92	Calm 0	24 2	8	7	8·9	3·6	79	●^{2} showers.
27	1016·9	1013·8	84·2	85·9	91	82	1·8	0·3	10·5	14·2	79	96	20 1	12 1	9	10≡^{0}	9·4	1·3	80	Distant T. ● showers *p.*
28	1009·4	1008·1	86·5	85·3	90	85	0·6	1·4	14·2	11·9	92	83	16 2	24 1	9	3	1·0	3·2	84	● showers. Distant T.
29	1007·4	1007·4	88·1	84·5	90	81	2·4	0·7	12·6	12·2	74	90	20 1	24 1	5	8	3·1	2·9	78	⚡ 11 h.–12 h. 30 m.
30	1008·8	1008·1	88·7	85·5	94	83	2·8	0·7	12·6	13·2	72	91	24 2	24 3	6	6	—	5·5	82	Fine.
Mean	1008·4	1008·6	85·1	83·7	88·2	81·1	1·2	0·5	12·1	12·0	86	94	1·7	1·5	8·4	7·3	145·4	3·03	80·8	
Mean Barometer at Station Level.	996·3	996·4																		

* Metres per second. † Beaufort Scale (0—12).

Douglas, Isle of Man, a.—June 1912.

Heights above Mean Sea Level:—Station, H = 84·5 m.; Barometer, H_b = 86·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·25 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second). 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200 + °	
1	1007·1	1003·7	84·1	86·5	89	82	0·4	1·9	12·6	12·2	94	78	12	2	6	2	10≡	10	1·8	8·2	81	Very fine from 10 h.
2	1000·6	998·9	83·6	83·0	86	83	0·0	0·0	12·6	12·2	100	100	4	3	30	3	10●	10●	2·9	—	82	● showers a. and after 18 h.
3	997·2	997·2	84·2	82·2	85	82	0·0	0·3	13·2	11·2	100	96	22	2	24	1	10≡●	10●	1·3	—	82	● showers.
4	994·5	997·6	85·7	81·9	87	82	1·6	0·6	11·9	10·5	81	93	8	3	14	1	6	10	0·5	2·8	80	Fine a. ●⁰ showers p.
5	1000·3	1004·4	86·3	84·1	88	79	1·6	0·4	12·6	12·6	81	94	2	5	6	2	7	9	—	8·1	n 76	Squally.
6	1005·7	1009·4	84·7	83·1	89	83	1·4	0·2	11·5	12·2	83	98	2	1	28	1	8	6	—	6·0	81	Dull and cloudy.
7	1011·8	1011·8	86·5	85·0	x 90	80	0·8	1·3	13·9	11·5	90	83	12	2	30	1	7	8⌓	0·5	13·6	77	Very fine. ⌓ a. and p. ●⁰ p.
8	1012·8	1014·2	84·1	84·0	87	84	0·3	0·2	12·6	12·6	96	96	8	2	14	1	10≡●	10≡●	2·1	—	82	● showers before 11 h.
9	1013·5	1012·5	85·9	85·3	89	83	0·7	0·2	13·6	13·9	92	98	12	2	8	1	6	10⌓	—	7·9	82	Very fine.
10	1009·8	1006·7	86·3	84·1	88	84	0·9	0·1	13·6	12·9	89	99	8	2	8	1	10∞	10	0·7	3·4	80	Cloudy.
11	1008·4	1011·5	86·9	83·6	x 90	82	2·1	2·2	12·2	9·5	76	75	10	2	30	1	4∞	0⌓	—	13·3	78	Very fine. Distant T.
12	1013·5	1011·5	85·4	84·8	x 90	81	0·9	1·1	12·6	11·9	88	86	8	2	24	1	10	8	1·6	9·4	81	Very fine after 10 h. ● 16 h.
13	1009·4	1011·1	85·2	83·0	88	83	2·2	0·8	10·5	10·9	74	90	24	4	28	2	8	3	—	6·4	82	Squally before 19 h. ● 16 h.-
14	1011·8	1009·1	86·7	84·1	89	82	0·5	2·0	14·6	9·8	94	76	24	2	24	5	7	3	1·0	9·4	80	Very fine before 15 h. [19 h.
15	1009·8	1006·1	85·4	84·3	89	82	2·1	2·3	10·9	9·8	76	73	24	6	24	5	7	8	3·4	9·5	81	Squally. ● 16 h.-18 h.
16	1006·4	1015·2	85·1	82·3	88	82	1·9	1·9	10·9	8·8	78	76	28	3	28	3	7	6	—	9·4	81	Very fine.
17	1015·9	1010·5	85·2	84·5	86	n 78	2·8	0·0	9·8	13·6	69	100	12	2	12	2	6	10≡●	22·3	2·4	77	Gloomy a. ● after 15 h. 30 m.
18	1010·1	1012·8	86·0	85·8	89	84	0·0	0·2	14·9	14·2	100	98	22	4	20	4	10●	10●	16·5	0·4	83	● showers a. ● after 20 h.
19	1010·1	1007·8	85·9	84·9	87	85	0·8	0·2	13·6	13·6	91	98	16	3	24	2	8	8	1·4	1·1	85	● showers 15 h.-19 h. ≡ 19 h.
20	1011·8	1015·2	86·3	85·2	x 90	84	1·6	1·0	12·6	12·2	81	87	24	5	22	2	8	6	1·0	8·4	83	● 17 h. and 20 h. 30 m.
21	1013·5	1011·8	85·8	85·2	87	84	0·6	0·1	13·6	13·9	93	99	18	4	18	6	10	10●	8·8	—	83	● showers after 16 h.
22	1010·8	1007·8	85·2	85·3	89	85	0·1	0·1	13·9	14·2	99	99	14	2	16	2	10●	10●	13·9	0·8	85	●² showers.
23	1008·1	1007·4	86·4	85·2	88	84	0·5	0·5	14·2	13·2	93	93	18	3	16	5	8	2	—	8·0	84	Dull till 11 h., then sunny.
24	1008·4	1011·1	86·3	85·4	x 90	84	1·3	0·5	12·9	13·6	85	94	20	3	20	1	9	8	7·9	6·5	84	Squally 10 h.-19 h.
25	1001·7	1001·0	85·2	84·8	88	84	0·3	0·5	13·6	12·9	95	95	16	4	18	1	10	10	0·5	6·4	84	Cloudy.
26	1008·1	1016·6	86·8	85·8	x 90	82	1·0	0·8	13·9	13·2	88	90	24	5	28	1	8	9	—	8·8	81	Squally before 19 h.
27	1015·5	1009·8	85·8	85·2	86	84	0·8	0·0	13·2	14·2	90	100	16	2	12	5	10	10≡●	13·4	—	84	● from 10 h. ≡ from 19 h.
28	1007·1	1007·4	86·2	85·0	87	84	0·5	0·5	14·2	13·2	94	94	12	2	18	3	10	10	1·6	7·2	84	● showers a. Fine afternoon.
29	1007·4	1009·1	85·8	85·0	x 90	85	0·6	0·6	13·6	12·9	93	93	12	2	26	2	10	7	0·3	4·8	84	● showers a. Fine afternoon.
30	1009·8	1010·8	87·5	85·0	x 90	84	1·7	0·3	13·2	13·6	80	96	24	2	26	2	8	6	1·7	4·7	84	Cloudy.
Mean	1008·4	1008·7	85·7	84·5	88·2	82·8	1·0	0·7	12·9	12·4	88	92	2·9		2·3		8·4	7·9	105·1	5·56	81·7	
Mean Barometer at Station Level.	998·0	998·2																				

Stonyhurst, Lancashire, a.—June 1912.

Heights above Mean Sea Level:—Station, H = 114·3 m.; Barometer, H_b = 110·6 m. Heights above Ground:—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 53° 51′ N. Long. 2° 28′ W. *Time*, Local mean time.

													*		*							
1	1007·1	1004·0	86·3	86·0	91	82	1·6	1·9	12·6	11·9	81	79	4	2	4	3	4≡⁰	10	2·5	5·0	79	Fine and sunny. T
2	999·6	998·3	83·8	84·4	86	82	1·2	0·8	11·2	11·9	86	89	4	3	4	2	10	10	2·4	—	81	● showers all day.
3	996·9	997·6	86·3	82·2	87	82	1·2	1·2	13·2	9·8	86	85	—	1	22	2	10	10●	8·9	—	80	● noon–22 h.
4	994·2	996·9	84·5	81·9	84	81	1·4	1·2	11·2	9·5	83	85	2	2	2	2	10≡⁰	5	12·5	0·7	79	⛈⁰ noon.
5	997·9	1002·3	84·7	84·6	89	81	1·1	1·4	11·9	11·2	86	83	4	2	—	1	10≡⁰	8	2·3	3·5	78	● showers. Sunny intervals. T
6	1005·4	1009·1	84·3	84·3	88	82	1·3	1·3	11·2	11·2	84	84	—	1	—	1	8	5	—	3·7	80	● showers, then sunny intervals.
7	1011·5	1011·8	85·8	86·8	92	81	1·1	2·7	12·9	11·2	87	71	—	1	—	1	4	10	1·0	5·7	77	● showers 14 h.
8	1012·8	1014·2	85·3	85·2	88	84	1·7	0·9	11·2	12·6	79	89	—	1	—	0	10≡⁰	10●⁰	1·5	0·1	81	Dull. T in afternoon.
9	1014·2	1012·8	88·9	85·7	91	86	2·6	1·4	13·2	12·2	74	84	12	2	—	1	7	10	0·3	5·6	80	Fine a. ⛈⁰ 16 h.-17 h. ⛈⁰ 15 h.
10	1009·8	1007·8	87·2	83·1	89	83	2·0	0·8	12·6	11·2	78	91	6	2	—	1	10	10≡⁰	5·1	1·8	79	Dark and gloomy.
11	1008·1	1011·5	87·4	86·3	90	81	2·6	2·2	11·9	11·5	72	75	—	1	32	2	10	10≡⁰	4·7	3·9	80	⛈⁰ 14 h. 40 m. and 19 h.
12	1014·2	1012·5	85·7	84·8	90	83	1·5	1·1	12·2	11·9	83	86	4	2	—	0	10	3	10·7	0·1	79	⛈⁰ 16 h. 20 m. and 17 h.-18 h.
13	1009·4	1010·1	86·3	84·6	88	86	2·0	1·4	11·9	11·2	77	83	24	4	24	4	10	7	—	4·5	77	Sunny intervals. T frequently.
14	1011·8	1008·4	87·4	84·3	89	81	2·7	0·7	11·5	12·2	71	90	24	5	24	3	8	10	9·1	7·5	77	Fine, then cloudy. T●² 19 h.-21 h.
15	1009·4	1006·1	85·2	85·1	89	83	2·2	1·0	10·5	12·2	74	87	24	7	22	5	9	10●	10·0	3·5	80	Cold and squally. ●² showers [18 h.-20 h.
16	1004·7	1013·8	83·3	84·3	87	82	2·0	1·1	9·5	11·5	77	86	26	4	22	2	8	8≡⁰	2·6	1·0	80	●² showers.
17	1016·9	1012·1	86·5	84·6	88	n 80	4·3	0·6	8·8	12·6	57	93	24	2	—	1	6	10●	42·4	5·0	n 76	Fine a. ●² from 18h.
18	1010·8	1013·8	87·2	87·4	90	84	0·4	0·5	15·3	15·3	96	93	20	5	20	3	10●²	10	1·4	—	77	Dull and cloudy.
19	1010·8	1008·4	90·8	87·4	95	84	2·5	0·8	15·3	14·9	75	90	12	2	22	3	7	10	0·5	4·1	81	Fine early. ●⁰ n.
20	1011·8	1015·9	86·9	86·3	89	85	2·2	1·1	11·9	13·2	75	87	22	7	22	3	10	10	1·5	1·1	82	Sunny intervals.
21	1015·2	1013·8	86·9	87·4	90	85	1·9	1·3	12·2	13·9	78	84	18	4	—	0	10	10	1·0	0·1	83	Dull and cloudy.
22	1012·1	1008·4	90·8	91·5	x 96	86	2·6	3·5	14·9	13·9	74	66	16	4	16	2	4	8≡⁰	—	7·6	84	Fine and warm.
23	1008·4	1009·4	90·5	86·9	92	86	2·5	0·7	14·9	14·6	74	91	22	2	—	0	8≡⁰	10	1·9	5·3	85	⛈ 2 h. ● 17 h.-18 h.
24	1009·4	1012·5	88·0	86·3	91	85	2·2	1·7	12·9	12·2	76	80	18	5	20	3	8	5	6·9	4·5	82	Sunny intervals.
25	1005·0	1002·3	84·7	84·7	91	83	0·8	0·9	12·2	12·2	90	88	14	9	—	1	10●	10	7·4	1·5	80	Sunny intervals. ⛈ 14 h. 30 m.
26	1008·8	1017·2	87·4	85·8	89	83	2·0	1·0	12·9	12·9	78	88	22	5	22	2	10	5	0·6	1·5	80	● showers. Sunny intervals.
27	1017·6	1013·5	86·3	86·5	90	83	1·6	1·4	12·6	12·9	81	83	16	3	—	1	9≡⁰	10●	11·2	0·2	82	Dull, with ● showers. ●² 15 h.
28	1008·1	1009·1	86·3	85·8	90	85	0·9	1·1	13·6	12·9	89	87	12	5	—	1	10●	10●²	4·7	2·4	84	● 6 h.-8 h. T 10 h.
29	1007·4	1008·8	86·5	85·8	90	85	1·8	1·4	12·2	12·2	79	84	12	2	24	2	10	5	0·8	2·3	82	●⁰ noon. T. Fine n.
30	1009·8	1009·8	89·1	86·0	91	82	2·4	1·2	13·6	12·9	75	86	24	2	22	2	8	5	4·3	3·0	81	Much cloud and mist. ● midt.
Mean	1008·6	1009·1	86·7	85·6	89·5	83·2	1·9	1·3	12·4	12·3	79	85	3·2		1·8		8·6	8·5	158·2	2·84	80·2	
Mean Barometer at Station Level.	995·4	995·9																				

* Metres per second. † Beaufort Scale (0—12).

Shrewsbury, Shropshire.—June 1912.

Heights above Mean Sea Level:—Station, H = 57·9 m.; Barometer, H_b = 64·7 m. Heights above Ground:—Therms., h_t = 1·2 ft.; Rain-gauge, h_r = 0·3 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200 + °	
1	1006·7	1002·7	83·6	85·2	89	78	0·6	0·5	11·9	13·2	93	93	12	1	12	2	8	10	2·0	—	78	≡⁰ a. ⛈ 16 h.-17 h. ● n.
2	998·9	997·9	84·7	85·2	86	82	0·6	0·5	12·6	13·2	93	93	12	1	12	1	10	10	7·6	—	84	Misty and rainy.
3	997·9	998·6	84·1	81·3	87	81	0·0	0·5	13·2	10·2	100	93	18	1	24	1	10	3	7·1	—	83	≡⁰ ● a. Clear evening.
4	995·2	996·2	81·3	82·4	90	81	0·5	1·6	10·2	9·5	93	79	24	2	28	2	8	8	0·3	—	n 76	Dull a. Bright afternoon.
5	998·9	1002·0	83·6	84·1	87	81	1·7	0·5	10·2	12·2	80	93	28	2	28	2	8	8	6·9	—	80	Dull a. Clear p.
6	1005·7	1009·4	86·9	84·1	91	81	2·2	1·1	11·9	11·2	75	86	24	2	24	1	7	6	—	—	80	Fine and sunny.
7	1010·8	1010·8	88·6	85·2	92	79	0·6	0·0	16·3	14·2	94	100	28	2	28	2	4	10	13·2	—	79	Dull, with ●². T⁰ 6 p.
8	1012·5	1013·5	85·2	85·2	88	84	0·5	0·5	13·2	13·2	93	93	24	2	24	1	8	8	8·4	—	83	●² at times. Distant T.
9	1013·8	1012·5	87·4	84·1	90	n 77	1·1	0·5	14·2	12·2	87	93	24	1	20	1	8	8	6·9	—	79	Very dull. T●. [18 h.
10	1009·4	1006·7	84·7	82·4	90	81	0·6	0·5	12·6	10·9	93	93	20	1	32	1	8	8	8·6	—	80	Distant T● a. ▲● 15 h. and
11	1007·8	1010·5	85·2	85·2	92	79	1·1	1·1	12·2	12·2	86	86	4	1	8	1	3	5	—	—	79	Bright.
12	1013·5	1012·1	85·8	85·9	92	80	0·6	1·9	13·6	11·5	93	79	8	1	20	1	8	3	—	—	80	Fine.
13	1010·5	1011·1	89·1	84·0	91	82	4·3	2·2	10·9	9·8	59	75	24	2	24	3	5	2	—	—	81	Bright a. Fine afternoon.
14	1012·5	1009·8	88·0	86·2	92	83	3·1	1·0	11·5	13·2	68	88	24	2	24	2	7	7	0·8	—	81	Dull.
15	1011·5	1008·4	87·7	85·9	90	82	3·6	1·7	10·5	11·9	63	81	24	2	28	3	5	5	7·4	—	80	Occasional ●.
16	1005·7	1015·2	83·7	84·1	89	81	1·2	1·1	11·2	11·2	86	86	24	2	28	2	7	3	2·0	—	81	Heavy ● showers.
17	1016·9	1012·1	86·0	88·0	89	80	2·4	0·6	10·9	15·9	73	94	24	2	18	2	7	10	1·0	—	79	Dull and cloudy.
18	1013·2	1015·5	89·0	87·4	94	86	1·0	0·3	15·9	15·6	89	96	24	3	24	3	8	7	—	—	85	Dull and gusty.
19	1010·5	1010·1	90·8	86·7	96	83	2·2	1·8	15·6	12·6	77	79	20	2	24	3	7	8	0·3	—	81	Fine. Gusty at times.
20	1014·5	1017·9	87·9	86·0	91	84	1·7	1·5	13·6	12·2	82	83	20	3	24	2	7	7	—	—	82	Occasional sun and ●⁰.
21	1016·6	1014·2	88·1	88·4	91	85	2·0	2·3	13·2	13·2	79	77	20	2	20	2	7	7	—	—	82	Dull.
22	1012·1	1008·8	90·6	91·9	x 97	85	3·2	3·3	13·9	14·6	69	68	18	3	16	2	3	8	—	—	82	Bright and sunny.
23	1009·1	1010·8	90·0	86·3	94	86	3·0	2·0	13·6	11·9	70	77	18	1	20	2	7	7	—	—	85	Dull.
24	1011·8	1013·8	89·1	85·8	92	84	3·0	2·0	12·6	11·2	70	77	20	3	24	1	7	3	1·0	—	82	Dull a. Clear evening.
25	1006·1	1002·3	85·8	85·0	93	83	0·8	0·5	13·2	12·9	91	93	16	2	20	2	8	8	1·3	—	81	● 19 h. 15m.-20 h. 45 m.
26	1009·8	1017·9	89·1	86·0	92	82	2·8	1·0	12·9	13·2	72	88	24	2	26	3	8	4	0·3	—	81	● shower a.
27	1017·6	1012·5	89·2	86·0	90	85	2·5	0·6	13·6	13·9	75	93	20	2	16	4	8	10	5·1	—	82	Dull and showery all day.
28	1008·1	1008·8	89·9	86·9	93	85	3·4	2·2	12·9	11·9	68	75	12	4	12	3	5	8	0·8	—	84	● shower a. Brighter p.
29	1006·7	1008·8	87·5	86·5	93	84	1·3	1·4	13·9	12·9	84	83	12	2	28	2	7	3	—	—	84	Dull a. ●⁰ shower p.
30	1009·4	1010·5	88·6	85·2	92	82	2·3	0·0	13·2	14·2	76	100	12	2	26	2	9	10	13·5	—	80	●² 16 h.-17 h. 30 m.
Mean	1009·1	1009·4	87·1	85·6	91·1	82·2	1·8	1·2	12·8	12·6	81	86	1·9		2·0		7·1	6·8	94·5	—	81·1	
Mean Barometer at Station Level.	1001·5	1001·7																				

Cambridge, a.—June 1912.

Heights above Mean Sea Level:—Station, H = 12·8 m.; Barometer, H_b = 13·1 m. Heights above Ground:—Therms., h_t = 1·2 m.; Rain-gauge, h_r = 0·3 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local mean time.

													†		†							
1	1006·4	1000·6	90·2	87·0	92	80	3·5	1·2	12·9	13·6	66	86	32	1	8	2	8	10	2·0	4·5	77	Overcast from 11 h. ⛈● 14 h.
2	996·9	998·6	87·5	83·8	91	84	0·9	0·8	14·9	11·5	89	90	4	2	Calm	0	10∞	2	—	3·0	83	●⁰ 11 a. Gloomy till 15 h.
3	997·6	999·6	87·0	83·6	90	n 79	2·4	1·5	11·9	10·5	74	82	20	2	16	2	8	10	5·8	1·0	n 76	● 15 h.-18 h. 30 m.
4	996·6	993·9	84·5	81·7	90	81	1·4	0·2	11·2	10·9	83	97	20	2	20	1	10	9≡	7·9	3·0	79	● 5 h. and 7 h.-9 h. ⛈●² 19 h.
5	997·9	1001·7	83·7	83·3	90	80	0·7	0·3	11·9	11·9	92	96	20	2	Calm	0	10	2≡	—	3·7	77	Sunny intervals.
6	1005·7	1009·1	86·9	85·2	93	81	1·7	0·2	12·9	13·6	81	97	20	3	12	1	9∞	9≡	8·1	8·5	77	Fine and sunny. ⛈● 18 h.
7	1010·5	1009·4	85·3	85·6	91	81	0·3	0·4	13·6	13·9	96	95	12	1	32	1	10≡⁰	10	15·0	—	79	Gloomy. ● 12 h.-18 h.
8	1011·1	1014·5	83·9	84·1	89	84	0·3	0·3	12·6	12·6	96	96	28	2	16	1	10●⁰	4	1·0	0·5	84	● n and till 10 h. and 19 h.
9	1015·2	1013·5	88·6	85·8	91	80	2·7	1·0	12·6	12·9	72	88	16	1	32	1	8	10	2·5	7·2	77	⛈● 13 h.-14 h. T 18 h.-21 h.
10	1010·5	1007·8	88·6	83·5	92	84	3·2	0·7	11·9	11·5	68	91	12	2	16	1	3	2	—	11·5	83	● 15 h. [● 20 h.
11	1007·4	1008·8	89·7	88·1	94	n 79	4·5	1·7	10·9	13·9	58	82	32	2	4	3-4	5	10	0·3	11·4	77	Beautiful day.
12	1011·1	1012·1	86·9	85·8	90	85	1·1	0·8	13·9	13·2	87	90	28	3	Calm	0	10●	10	0·3	0·2	85	● 9 h. and 17 h.-18 h.
13	1010·5	1010·1	89·2	83·6	91	82	3·3	1·1	12·2	11·2	67	87	20	3	24	1	4	5	0·8	8·4	80	● 17 h. T 19 h. 30 m.
14	1011·5	1009·8	89·1	87·3	93	82	3·4	1·2	11·9	13·9	66	86	24	4	20	2	6	4	2·0	11·0	80	Beautiful day.
15	1011·5	1009·4	87·5	86·6	92	83	3·5	1·8	10·5	12·2	65	79	24	4	20	5	8	10	5·1	11·0	81	● n. Fine and sunny.
16	1005·0	1014·9	84·7	83·6	89	82	1·4	0·6	11·5	11·9	83	93	22	2-3	Calm	0	9	10	2·5	7·0	83	● till 8 h. ⛈●▲ midday.
17	1016·9	1014·9	88·0	86·0	91	82	4·0	0·1	10·2	14·6	60	99	24	2	16	2	7	10●⁰	4·3	5·4	80	Sunny a. ● 19 h.-21 h.
18	1013·8	1016·2	91·4	88·9	95	86	2·3	1·0	16·3	15·9	77	89	20	4	20	1	9	0	—	6·8	86	Sunny from 11 h. 30 m.
19	1012·8	1009·4	94·7	90·8	x 100	85	4·5	2·2	15·6	15·6	61	77	12	3	20	3	0	7	0·3	7·9	82	Sunny and warm. T● 11 h.
20	1014·9	1017·9	89·5	87·3	93	84	3·4	1·8	12·2	12·9	66	80	24	5-6	20	3	9	8	—	8·0	82	Sunny till 15 h.
21	1017·9	1016·2	90·2	88·0	94	83	3·3	2·2	13·2	12·9	67	76	20	2	16	3	9	0	—	10·0	81	Fine and sunny.
22	1014·5	1010·8	93·3	93·0	x 100	83	4·1	3·1	14·9	16·3	63	70	12	3	10	2	0	7	—	14·8	81	Sunny and very warm.
23	1009·4	1012·1	92·5	89·2	96	89	2·9	3·3	16·3	12·2	72	67	20	4	16	3	6	3	—	13·0	87	Beautiful day.
24	1013·2	1015·2	90·2	87·9	94	84	3·3	2·2	13·2	12·9	67	76	20	3	20	2	8	3	—	11·9	82	Fine and sunny.
25	1011·8	1006·4	88·5	86·8	90	82	2·7	2·1	12·6	11·9	72	76	16	5	14	4	10	2	3·6	3·2	79	Sunny intervals from 15 h.
26	1010·1	1018·3	89·4	86·3	94	85	2·7	1·3	13·6	12·9	73	85	20	3	Calm	0	9	4	—	5·0	83	Sunny intervals from 10 h.
27	1019·9	1017·2	88·3	88·0	92	84	2·4	2·2	12·9	12·9	74	76	16	2	16	1	10	9	—	5·1	80	Overcast from 14 h. 30 m.
28	1011·8	1011·8	89·4	86·1	95	85	2·6	2·0	13·6	11·5	74	78	14	2	16	1	10	0	—	6·5	82	● 8 h. 30 m. Sunny p.
29	1009·1	1008·8	89·3	86·3	95	82	2·9	1·1	12·9	13·2	71	87	20	3	20	1	8	5	5·3	7·0	79	●² 13 h. ⛈●▲ 16 h.
30	1010·5	1009·8	89·7	85·9	91	81	3·3	1·1	12·9	12·9	68	87	20	1	22	1	8	10	0·5	4·3	78	Overcast from 10 h.
Mean	1009·8	1009·9	88·6	86·3	92·5	82·6	2·6	1·3	12·9	12·9	74	85	2·6		1·6		7·7	6·2	67·3	6·69	80·7	
Mean Barometer at Station Level.	1008·2	1008·3																				

† Beaufort Scale (0—12).

SOUTHAMPTON, HAMPSHIRE, a.—JUNE 1912.

Heights above Mean Sea Level:—Station, H = 19·5 m.; Barometer, H_b = 25·6 m. Heights above Ground:—Therms., h_t = 1·37 ft. Rain-gauge, h_r = 0·3 m. Lat. 50° 55′ N. Long. 1° 24′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	†	†	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1006·4	1000·0	88·0	85·8	90	81	3·8	0·5	10·5	13·9	62	94	8 2	28 1	8	10●	10·0	2·2	79	Cloudy. ● showers *p.*
2	998·3	999·6	85·2	84·2	89	84	0·4	1·2	13·2	11·2	94	85	20 2	20 2	10●	0	0·4	7·5	81	● 8 h.–11 h.
3	998·9	1002·0	85·8	83·8	87	*n* 80	1·3	1·3	12·6	10·9	85	85	20 2	20 2	10●	1	7·2	3·4	*n* 77	● showers 9 h.–13 h.
4	998·9	994·5	82·7	82·5	87	82	1·3	0·8	10·2	10·5	84	89	20 2	28 3	5	10	3·1	4·7	81	● 8 h. and 13 h.–15 h.
5	1001·3	1003·3	86·3	85·3	90	*n* 80	2·9	1·5	10·5	11·5	68	81	20 2	20 2	5	2	—	10·2	79	Fine generally.
6	*1008·4*	1010·5	87·9	85·8	91	81	2·6	0·9	12·2	13·2	73	89	20 2	20 2	5	0	—	14·0	78	Fine and bright.
7	1010·1	1010·8	85·2	85·6	91	81	0·4	0·5	13·2	13·6	94	94	32 2	4 2	10●⁰	10●	18·3	—	80	● showers.
8	1012·8	1015·9	85·2	86·1	90	84	0·4	0·2	13·2	14·6	94	97	20 1	20 1	10●	1	6·4	3·6	84	● *a.* and *p.*
9	1015·5	1013·5	88·3	86·7	91	84	1·9	1·3	13·6	13·2	80	85	20 2	20 1	7	5	16·4	7·7	81	● showers 8 h. ●² 22 h.–23 h.
10	1013·2	1007·8	86·8	85·8	90	84	2·0	1·6	12·2	11·9	77	82	20 2	12 2	4	0	—	10·8	82	●² 2 h.–6 h.
11	1005·7	1007·8	90·3	89·8	95	82	3·6	3·6	12·9	12·2	65	65	20 2	4 2	0	8	0·3	10·2	80	Fine and warm.
12	1012·5	1013·2	86·8	86·8	90	86	1·3	0·7	13·2	14·6	85	92	4 2	4 1	10●	5	10·2	1·0	86	● 4 h. 30 m.–6 h. and 9 h.–16 h.
13	1013·5	1013·5	88·3	86·3	92	82	2·2	3·1	13·2	10·2	76	67	28 2	28 2	4	2	—	9·4	79	≡² early. Fine and bright.
14	1016·2	1013·2	88·3	87·2	91	84	3·0	0·7	11·9	14·9	69	92	28 2	20 2	3	10	—	3·9	80	Fine to dull. [18 h.
15	1015·2	1013·5	88·0	86·3	89	84	3·5	0·5	10·9	14·2	65	93	24 2	20 2	8	10	15·6	2·7	82	● 14 h.–16 h. 30 m. and from
16	1012·1	1016·2	86·5	86·8	91	84	1·7	1·8	12·2	12·6	80	80	28 3	28 1	7	1	0·3	9·8	83	● till 6 h. ● showers *a.*
17	1018·9	1017·6	88·0	87·4	89	83	2·8	0·3	11·9	15·6	71	96	24 2	20 1	10	10	1·4	0·2	80	● showers *a.* Drizzle 14 h.–19 h.
18	1019·3	1018·6	89·6	86·6	93	86	1·8	0·7	15·3	14·2	81	91	20 2	20 1	10	0	—	4·6	87	Fine generally.
19	1012·8	1012·5	93·3	88·9	96	85	3·1	1·0	16·6	16·3	70	90	12 2	20 4	3	10	—	7·6	85	Fine and warm.
20	1018·3	1021·0	88·7	87·1	92	85	2·3	0·9	13·6	14·2	76	90	24 2	28 2	7	3	—	4·3	83	Fine *a.* ● showers from 15 h.
21	*1020·3*	1017·9	88·0	87·0	91	85	1·6	1·1	13·9	13·9	83	87	24 2	20 3	10	0	—	10·4	82	Fine and bright. < *n.*
22	1016·6	1008·8	91·9	93·0	*x* 97	84	2·4	3·1	16·3	16·3	76	70	12 2	12 2	0	3	—	13·9	81	Very fine and warm.
23	*1012·8*	1014·5	90·8	87·4	94	86	3·3	1·1	13·9	14·2	68	87	12 3	20 3	8	2	0·3	10·4	83	Cloudy intervals. ⩌ *p.*
24	1015·2	1017·6	89·6	88·4	92	86	2·7	1·7	13·6	14·2	72	82	20 3	20 3	7	2	—	9·8	85	Fine generally. ⩌ *p.* ●² 20 h.
25	1014·5	1007·8	87·5	86·2	90	85	1·6	0·8	13·2	13·9	81	91	20 5	20 5	10	5	14·0	3·3	83	● till noon. ⩌ *p.*
26	1012·8	1021·0	89·1	88·0	94	85	2·1	2·1	13·9	12·9	78	77	20 2	28 2	10	0	0·5	9·7	83	● 10 h. Fine *p.*
27	1023·0	1017·2	88·7	88·2	91	84	2·8	1·8	12·6	13·9	72	81	28 2	12 4	4	6	2·3	5·7	81	Fine generally.
28	1012·8	1013·8	88·6	86·4	91	86	1·7	1·2	14·2	13·2	82	86	20 3	20 1	6	0	3·8	9·8	86	● showers 3 h.–7 h.
29	1009·8	1010·8	87·4	87·0	91	86	0·5	0·5	15·3	14·9	93	94	20 5	20 2	10●	5	1·0	6·0	84	● showers *a.*
30	1012·1	1011·5	87·4	86·4	90	83	1·4	1·5	13·6	12·6	84	82	20 1	28 2	9	10	—	—	81	⌓ *a.* Dull.
Mean	1012·0	1011·5	87·9	86·8	91·1	83·8	2·1	1·3	13·1	13·5	78	86	2·3	2·1	7·0	4·4	111·5	6·56	81·9	
Mean Barometer at Station Level.	1008·8	1008·4																		

FALMOUTH, CORNWALL, a.e.—JUNE 1912.

Heights above Mean Sea Level:—Station, H = 50·9 m.; Barometer, H_b = 55·8 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·6 m. Lat. 50° 9′ N. Long 5° 4′ W. *Time*, Greenwich mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. *	Wind 21 h. *	Cloud 10 h.	Cloud 22 h.	Rain 10 h.	Sunshine	Min. Grass	Remarks
1	1003·7	1002·7	87·9	83·2	89	82	2·4	0·6	12·6	11·5	74	94	14 2	32 2	4	10●	17·3	3·1	—	Bright early. ● from 14 h.
2	998·6	1001·7	84·6	84·1	85	82	0·5	0·7	12·9	11·9	94	91	30 5	28 4	10●	10	10·2	—	—	Dull and wet throughout.
3	1002·7	997·2	85·4	82·9	88	81	2·8	0·5	10·2	11·5	70	94	22 5	22 2	7	10	9·9	7·2	—	Fine.
4	993·5	999·6	82·4	81·3	85	*n* 79	1·1	1·2	10·2	9·2	86	84	6 3	24 3	10●	0	1·8	5·0	—	Bright early, then ●.
5	1000·6	1004·7	85·2	84·6	89	*n* 79	1·5	0·8	11·5	12·2	81	89	20 2	— 1	9	8	—	1·8	—	Close and cloudy.
6	1008·1	1010·1	87·4	85·7	90	82	2·1	1·5	12·6	11·9	77	83	— 1	— 1	7	0≡⁰	—	7·1	—	Intermittent sunshine. [21 h.
7	1009·8	1012·1	86·8	85·5	89	84	1·6	0·8	12·9	12·9	82	90	— 1	— 1	9	2	5·3	2·4	—	●² 12 h. 20 m.–12 h. 50 m. ● 20 h.–
8	1013·8	1015·2	88·6	85·9	91	84	1·7	0·7	14·2	13·6	82	92	20 2	— 1	4	10●	3·1	8·9	—	Cloud and sunshine. ● 20 h.–
9	1013·2	1013·2	86·5	83·9	90	82	1·4	0·8	12·9	11·9	83	90	18 4	— 1	8	2	4·1	8·0	—	Cloud and sunshine. [21 h.
10	1009·8	1005·4	85·8	84·7	90	81	1·1	0·6	12·9	12·6	87	93	— 1	— 1	7	2	1·0	6·5	—	Intermittent sunshine.
11	1005·0	1009·8	88·6	86·4	91	84	3·5	1·5	11·5	12·6	65	82	4 4	32 4	3	1	1·3	12·2	—	Air close. T 14 h. 45 m.
12	1013·5	1015·9	89·1	85·9	91	84	3·3	1·1	12·2	12·9	67	87	32 4	26 3	0	0	—	14·6	—	Bright, fresh, and sunny.
13	1015·5	1016·6	88·0	85·9	89	84	3·3	1·6	11·2	12·2	66	82	26 5	24 5	10	10	0·5	0·2	—	Fair.
14	1015·5	1016·6	86·4	85·8	90	85	0·3	1·2	14·9	12·6	96	86	— 1	24 6	10≡⁰	0	—	2·2	—	Dull. Bright evening.
15	1018·3	1014·9	88·1	86·2	90	84	2·5	0·2	12·6	14·6	74	97	22 5	22 8	5	10	11·2	2·9	—	Fair *a.* Dull and damp *p.*
16	1012·8	1019·6	87·0	85·6	90	85	2·9	0·9	11·2	12·9	69	89	26 6	24 3	6	0	3·1	9·6	—	Bright and fresh.
17	1019·3	1018·6	85·8	87·0	88	85	0·3	0·2	14·2	15·6	97	98	18 4	20 8	10●	10●⁰≡⁰	0·5	—	—	Dull and damp.
18	1018·6	1017·2	87·4	85·8	90	85	0·5	0·6	15·3	13·6	93	93	20 5	— 1	10	0	—	3·7	—	Dull *a.* Fair *p.*
19	1011·8	1016·6	89·5	85·8	91	85	1·4	0·8	15·9	13·2	85	91	14 2	22 4	10	1	0·3	3·3	—	Sunny intervals.
20	1020·3	1022·3	89·1	85·8	91	85	2·7	0·5	13·2	13·9	73	94	22 5	22 2	4	3	—	7·3	—	Fine.
21	1018·6	1015·9	88·6	86·9	91	85	1·7	0·7	14·2	14·6	82	91	18 4	18 3	9	1	—	7·5	—	Bright and fresh.
22	1012·1	1010·1	87·5	86·9	*x* 92	85	0·6	0·4	15·3	15·3	92	96	16 2	20 3	9	9	5·1	4·5	—	Fine *p.* Dull evening.
23	1011·1	1013·2	87·4	86·8	91	86	1·1	1·0	14·2	13·9	87	88	18 7	20 6	4	1	0·5	11·1	—	Much passing cloud.
24	1015·9	1017·9	88·9	86·2	91	85	2·0	1·0	14·2	13·2	79	88	22 7	20 2	8	2	8·6	8·3	—	Fresh and breezy.
25	1007·8	1007·1	88·8	85·7	90	85	0·9	0·7	16·3	13·2	92	92	18 8	22 6	1	9	4·1	7·3	—	Cloud and sunshine.
26	1016·9	1022·3	88·8	85·2	90	85	2·4	0·7	13·2	12·9	76	91	26 5	22 2	4	10	—	9·0	—	Fine, then fair to overcast.
27	1018·3	1012·8	88·0	86·9	89	85	1·7	0·3	13·6	15·3	81	97	16 3	18 6	10	10●	9·7	—	—	Overcast *a.* Dull and wet *p.*
28	1010·5	1010·1	88·6	85·7	90	85	2·2	0·5	13·6	13·6	77	94	18 7	20 3	8	9●	2·8	10·9	—	● showers in evening.
29	1008·1	1013·5	87·4	85·3	90	85	1·1	0·7	14·2	12·9	87	91	24 4	24 2	6	1	4·8	9·4	—	Fair to fine.
30	1012·8	1014·5	85·8	86·1	89	84	0·6	1·0	13·6	12·9	93	82	30 3	26 3	9	1	2·3	4·9	—	● 5 h.–7 h. Sunny *p.*
Mean	1011·2	1012·2	87·3	85·4	89·6	83·7	1·7	0·8	13·3	13·0	82	90	3·9	3·2	7·0	4·7	107·5	5·96	—	
Mean Barometer at Station Level.	1004·6	1005·5																		

* Metres per second. † Beaufort Scale (0—12).

ARMAGH, a.—JUNE 1912.

Heights above Mean Sea Level:—Station, H = 59·8 m.; Barometer, H_b = 61·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	*	*	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1005·0	1004·0	86·7	84·0	91	81	2·8	1·0	10·9	11·5	69	88	— 0	— 0	7	1	—	9·9	77	Very fine.
2	1001·7	1001·3	83·4	82·4	86	*n* 79	0·4	1·1	11·9	10·2	96	86	— 0	— 0	10	10	3·8	—	*n* 74	Overcast. Drizzle *p.*
3	998·3	995·2	83·9	83·9	87	80	1·3	1·7	11·2	10·5	85	80	— 0	12 2	10	10	1·3	0·3	81	Fair, but cloudy.
4	994·9	997·2	83·1	84·0	85	82	0·4	0·6	11·9	12·2	96	92	— 1	— 1	10●	10	1·9	—	81	Overcast.
5	1002·0	1005·7	85·5	84·8	89	82	1·9	1·2	11·2	11·5	77	85	4 2	— 1	10	9	0·4	4·9	81	Fine.
6	1007·4	1009·8	87·4	83·4	90	81	2·3	0·9	12·2	11·2	75	90	— 1	— 0	10	0	—	5·5	77	Fine.
7	1012·1	1012·1	84·8	82·4	89	81	1·4	0·4	11·5	11·2	83	94	— 1	— 1	10	3	—	3·9	76	Overcast *a.* Fine *p.*
8	1012·1	1012·8	85·6	83·5	86	80	1·1	2·7	12·6	8·8	87	69	— 1	— 1	10	10●	8·3	—	75	Overcast. ● from 4 *p.*
9	1011·8	1011·5	86·9	85·0	91	82	0·8	1·6	14·2	11·2	91	80	— 1	14 2	10	8	—	9·2	82	Very fine.
10	1008·4	1005·7	87·9	83·0	90	82	2·5	0·3	12·6	11·9	73	97	— 1	— 0	9	10	12·8	3·9	77	☈ 15 h.–16 h. Rainy day.
11	1007·8	1011·5	86·3	83·1	90	82	2·2	0·8	11·5	11·2	75	91	— 1	— 1	10	9	2·9	4·2	77	●² shower 16 h.
12	1012·1	1009·1	89·6	84·7	92	80	2·8	1·7	13·6	10·9	72	80	— 1	— 0	9	10	7·4	7·6	76	● showers. T 16 h.
13	1008·4	1011·1	84·9	82·7	90	82	1·7	1·4	11·2	9·8	80	83	20 3	— 1	10	0	2·6	5·5	81	● showers.
14	1011·1	1009·4	86·9	82·7	90	81	2·1	2·1	11·9	9·2	76	74	22 2	— 1	10	0	2·8	6·1	77	● shower 16 h.
15	1008·8	1005·4	86·6	82·5	90	82	3·3	2·1	10·2	8·8	66	74	22 3	— 1	2	10	7·0	9·3	80	Fine *a.* ● showers *p.*
16	1007·8	1015·5	86·2	83·0	90	80	3·0	2·8	10·2	8·5	68	68	— 1	— 0	10	9	—	9·7	79	Fine.
17	1013·8	1007·1	85·6	87·2	87	*n* 79	3·3	0·3	9·5	15·6	65	96	12 3	16 2	10	10●⁰	10·4	0·2	75	● from 13 h.
18	1007·1	1010·5	88·2	88·5	*x* 94	86	0·2	2·1	17·0	13·6	98	78	20 3	20 2	10●	10	7·3	2·7	85	● showers.
19	1006·7	1007·4	87·9	83·9	91	84	0·7	0·6	15·6	11·9	93	93	16 5	— 1	10	10	5·9	1·1	84	● showers.
20	1010·5	1014·2	87·3	86·0	90	83	2·8	1·6	11·5	12·2	71	82	22 3	20 2	7	10	2·9	6·5	82	● showers.
21	1009·1	1006·4	87·7	87·0	89	84	2·0	0·7	12·9	14·6	77	92	16 4	18 4	10	10	4·5	—	84	Overcast and showery.
22	1005·0	1003·7	88·9	86·7	90	87	1·6	0·6	14·9	14·6	83	93	14 5	14 4	10	10	2·3	0·2	86	Overcast. Some drizzle.
23	1004·0	1003·7	88·5	85·1	91	84	2·5	1·1	12·9	12·2	74	87	16 4	18 2	4	10●	6·5	6·0	82	● showers.
24	1006·4	1008·8	88·6	85·5	90	84	1·5	1·1	14·9	12·6	84	87	20 4	20 2	8	9	9·1	3·5	82	● showers.
25	997·9	999·6	88·1	84·0	90	84	0·2	0·6	16·6	12·2	98	93	18 3	— 0	7	0	2·5	5·0	82	Fine.
26	1008·8	1016·2	87·9	85·3	92	82	2·1	1·8	12·9	11·2	77	78	24 2	— 1	10	10	0·5	4·0	79	Fine.
27	1010·5	1005·0	86·1	85·2	92	84	0·9	0·1	13·6	13·9	89	98	14 5	— 0	10	10	9·1	—	84	● nearly all day.
28	1004·7	1005·7	85·9	83·4	91	83	1·1	0·6	12·9	11·5	87	92	— 1	— 1	10●	0	3·1	2·8	81	☈● shower 16 h. 30 m.
29	1007·4	1008·4	87·4	84·9	92	81	2·0	1·3	12·9	11·5	78	84	— 1	— 0	8	9	0·5	4·6	78	Fine.
30	1009·8	1011·5	87·2	84·9	90	84	2·0	0·9	12·6	12·6	78	90	— 1	— 1	10	10	5·8	2·0	82	Very showery.
Mean	1007·0	1007·6	86·7	84·4	89·9	82·2	1·8	1·2	12·6	11·6	81	86	2·1	1·1	9·0	7·6	121·6	3·95	79·9	
Mean Barometer at Station Level.	999·7	1000·2																		

MARKREE CASTLE, SLIGO, a.b.—JUNE 1912.

Heights above Mean Sea Level:—Station, H = 37·2 m.; Barometer, H_b = 38·7 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 54° 11′ N. Long. 8° 27′ W. *Time*, Dublin mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †	Wind 21 h. †	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Grass	Remarks
1	1005·4	1004·7	84·6	83·9	90	80	1·1	0·7	11·5	11·9	87	92	16 1	Calm 0	10	9●	—	3·6	78	Dull *a.* Fair *p.* T at times.
2	1003·3	1003·3	84·9	87·2	87	81	3·1	1·1	9·2	13·9	66	87	32 2	Calm 0	5	7	—	11·0	80	Beautiful day.
3	998·9	994·5	85·2	82·9	89	78	2·8	1·5	9·8	9·8	69	82	Calm 0	Calm 0	4	7	0·5	8·3	77	Fine and warm.
4	995·2	999·3	84·4	84·7	87	81	1·4	0·9	11·2	12·2	83	88	Calm 0	Calm 0	10	10	1·3	0·1	79	Dull and cool.
5	1002·7	1007·1	85·8	85·4	91	83	1·7	2·1	11·9	10·9	81	76	4 1	Calm 0	8	9	—	4·8	81	Fine and warm.
6	1008·8	1011·1	86·9	83·3	89	82	2·3	1·0	11·9	10·9	74	89	32 2	Calm 0	5	3	—	7·0	79	Dull *a.*
7	1012·1	1013·2	85·5	82·4	90	79	1·7	0·8	11·5	10·5	79	90	4 1	Calm 0	8	0	—	4·3	75	Fine and warm.
8	1012·5	1011·8	86·9	83·5	91	78	2·8	0·2	11·2	12·2	70	98	Calm 0	Calm 0	7	10	10·4	5·6	*n* 74	Fine till 14 h. ☈● 14 h.–17 h.
9	1011·1	1011·1	86·1	83·8	90	83	0·7	0·3	13·9	12·6	92	96	Calm 0	Calm 0	9	5	14·2	1·6	82	▲ *a.* ☈●² 11 h.–17 h.
10	1007·8	1006·1	87·7	83·3	91	*n* 77	2·7	0·4	11·9	11·9	71	95	12 1	Calm 0	5	9	3·1	5·4	75	▲● showers. T all *p.*
11	1007·8	1011·1	86·6	83·0	89	82	1·6	0·3	12·6	11·9	81	97	Calm 0	Calm 0	10	1	1·0	2·0	81	T during day. ≡ *n.*
12	1012·1	1009·4	87·2	84·6	92	*n* 77	1·4	1·0	13·6	11·9	84	87	Calm 0	Calm 0	7	10	2·5	4·0	75	≡ *a.* T● showers 16 h.–17 h.
13	1009·4	1012·1	85·8	84·7	89	81	2·0	1·1	11·5	11·9	77	86	24 2	Calm 0	7	10	3·1	7·0	75	● *a.*
14	1011·1	1011·1	87·4	86·3	90	79	2·4	1·6	12·2	12·6	74	81	16 1	32 2	9	5	—	6·8	75	Fair, but cool.
15	1009·8	1006·1	87·4	82·4	89	82	3·3	0·6	10·9	10·9	66	92	20 1	Calm 0	9	5	3·1	5·8	76	Fair *a.* ● showers *p.*
16	1010·5	1016·6	86·1	81·6	88	*n* 77	1·7	1·1	12·2	9·5	81	86	28 2	Calm 0	7	7	1·3	11·6	76	Fine, but cool.
17	1013·5	1007·1	83·5	87·2	89	79	1·2	0·3	10·9	15·6	87	96	16 2	16 1	10	10●	12·7	—	76	Fine *a.* ● from noon.
18	1006·7	1009·4	88·2	87·2	92	86	0·4	0·4	16·6	15·3	96	96	Calm 0	Calm 0	10●	10●	7·1	5·0	86	● till noon and from 19 h.
19	1006·1	1007·8	86·9	84·1	92	84	0·4	0·6	14·9	12·2	95	92	Calm 0	20 1	10●⁰	10	6·4	2·8	86	●² showers during day.
20	1011·1	1013·5	86·8	85·3	91	82	2·1	0·4	11·9	13·6	76	95	28 3	16 2	8	10●	2·8	5·0	79	● late evening.
21	1007·4	1004·0	86·2	87·9	89	84	1·0	0·7	13·2	15·3	88	92	12 3	20 2	10	10●	9·9	—	84	Rainy and cool.
22	1002·7	1002·7	88·8	86·2	*x* 93	86	0·8	0·4	16·3	14·2	92	94	16 3	Calm 0	9	9	7·6	3·8	87	● *a.* ●² showers 18 h.–23 h.
23	1002·7	1003·3	89·1	84·1	91	84	3·1	0·3	12·6	12·6	69	95	16 2	Calm 0	8	7	6·9	5·3	82	● *a.* T● showers *p.*
24	1006·4	1007·1	86·9	84·7	90	84	1·1	0·6	13·9	12·6	87	93	20 1	12 2	10	10	11·4	2·3	82	T● showers from 18 h.
25	997·6	1001·7	86·5	87·3	90	82	1·9	0·5	12·2	15·3	78	94	16 2	Calm 0	5	7	15·5	7·0	82	☈ 13 h.–14 h. ●² showers.
26	1010·1	1015·5	87·7	84·6	89	84	2·5	0·8	12·2	12·2	73	89	28 3	Calm 0	5	10	3·8	4·0	82	●⁰ showers.
27	1008·4	1005·7	85·7	83·2	89	83	0·7	0·2	13·2	12·2	92	98	16 3	Calm 0	10●	1	3·8	—	83	● showers.
28	1005·0	1006·4	88·5	83·1	90	81	3·8	0·2	10·9	11·9	62	98	Calm 0	Calm 0	9	4	5·8	4·1	77	Rainy day. ☈ 15 h.–16 h.
29	1008·8	1009·1	86·9	84·7	89	79	1·9	0·8	12·2	12·2	78	90	28 2	Calm 0	5	10●⁰	2·0	5·3	76	Fine generally.
30	1011·1	1014·2	85·8	85·8	89	83	0·6	1·1	13·6	12·9	92	87	32 2	30 3	10	10	3·8	1·3	83	● showers.
Mean	1007·2	1007·9	86·5	84·6	89·9	81·3	1·8	0·7	12·4	12·5	80	91	1·3	0·4	8·0	7·5	140·0	4·49	79·4	
Mean Barometer at Station Level.	1002·6	1003·2																		

* Metres per second. † Beaufort Scale (0—12).

DUBLIN (PHŒNIX PARK), a.—JUNE 1912.

Heights above Mean Sea Level:—Station, H = 47·3 m.; Barometer, H_b = 48·5 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity (Latitude 45°.) 9 h. (millibar.)	21 h.	Air Temperature in Degrees Absolute. 9 h. (200 +)	21 h. (200 +)	Max. (200 +)	Min. (200 +)	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h. (millibar.)	21 h.	Percentage. 9 h. (%)	21 h. (%)	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second). 9 h. *		21 h. *		Cloud Amount and Weather. 9 h. (Tenths of Sky covered.)	21 h.	Rain 24 hours beginning 9 h. (mm.)	Sunshine. (hr.)	Min. Temp. on Grass. (200 +)	Remarks.
1	1005·0	1004·0	87·2	84·1	89	78	1·9	0·8	12·9	11·9	79	90	6	2	—	0	5	7	0·5	11·9	n 74	Fine and bright.
2	1001·3	1001·3	84·1	82·8	85	80	0·6	0·5	12·2	11·5	92	95	30	3	—	1	10●	10●	6·6	—	78	● showers. ●0 from 21 h.
3	998·9	995·6	84·7	82·5	88	80	2·4	0·6	9·8	10·9	73	92	22	3	12	2	5	3	5·6	6·2	80	●0 till 3 h. Fine.
4	994·9	997·2	81·2	82·9	84	81	0·8	0·2	9·8	11·9	90	98	—	1	—	1	10	10	3·9	—	80	●0 early. ●2 10 h.–16 h.
5	1001·3	1005·4	85·5	85·2	88	82	1·5	1·0	11·9	12·2	81	88	4	3	2	2	7	10	—	4·2	81	Fine.
6	1007·8	1010·1	88·1	82·3	90	82	2·8	0·3	12·2	11·2	71	95	28	2	—	0	7	7	—	4·8	81	Fine.
7	1011·5	1012·5	87·0	82·3	89	78	1·8	0·5	12·6	10·9	79	94	—	1	—	0	8	10	—	6·4	n 74	Fine.
8	1012·1	1012·5	88·4	83 7	89	78	2·0	0·2	13·6	12·6	79	98	—	1	—	0	7	10	5·8	2·0	76	Dull. ●2 17 h.–20 h. 30 m. and
9	1011·8	1011·5	86·9	84·0	90	80	1·7	0·7	12·9	11·9	81	92	—	1	8	2	10	4	9·1	7·5	79	●2 9 h. 10 m.–9 h. 30 m. and [10 h.–12 h.
10	1008·4	1005·7	87·8	84·3	89	80	2·7	0·5	12·2	12·6	72	93	8	3	8	2	3	10	—	6·8	76	Fine.
11	1007·4	1011·5	86·8	82·8	90	n 76	2·2	0·5	11·9	11·2	75	94	10	2	—	0	5	6	—	8·7	n 74	Fine.
12	1012·8	1011·1	90·0	84·6	x 93	n 76	3·0	0·5	13·6	12·6	70	93	—	0	—	0	5	7	3·8	8·8	n 74	●2 after 19 h.
13	1010·5	1012·5	85·7	84·1	89	81	1·6	0·6	11·9	12·2	82	93	24	3	22	2	10	10	4·8	7·0	79	●2 showers 12 h.–20 h. Clear n.
14	1012·1	1011·1	88·3	84·3	90	81	3·3	1·8	11·5	10·5	67	79	24	2	24	4	8	0	4·4	7·7	79	●2 14 h. 15 m.–15 h.
15	1011·1	1007·4	87·4	84·6	90	81	3·5	2·5	10·5	9·8	64	72	22	5	22	4	7	5	3·1	8·2	79	Fine. ● 20 h.
16	1008·4	1016·2	87·0	81·8	90	81	3·1	1·6	10·9	9·2	68	80	24	3	26	2	6	2	0·5	9·1	80	Sunny intervals. ●2 noon.
17	1014·9	1009·8	85·5	88·9	90	78	2·1	0·8	10·9	16·3	76	92	—	0	20	3	10	10	5·2	—	n 74	Overcast. ● *p.*
18	1008·8	1012·5	90·5	88·7	92	87	1·4	1·1	17·0	15·6	85	89	20	6	20	3	10	10	2·6	—	87	Overcast. ● *p.*
19	1007·4	1009·4	87·7	85·3	91	85	1·5	1·0	13·9	12·6	82	88	20	4	22	3	10	10	2·8	2·3	85	● showers *a.* and *p.*
20	1012·8	1015·9	87·9	85·8	91	83	2·3	1·3	12·9	12·6	76	85	22	5	22	3	8	10	3·1	5·1	81	● showers *a.* and *p.*
21	1011·8	1008·8	88·2	88·4	89	85	2·5	1·9	12·6	13·9	74	80	18	6	16	5	8	10	1·8	0·1	84	● showers *a.* and *p.*
22	1007·4	1005·4	87·8	86·8	90	86	1·1	0·4	14·6	14·9	88	95	14	3	—	1	10	10●	1·5	0·5	86	● showers *a.* and *p.*
23	1005·0	1005·4	89·2	85·4	92	83	3·3	1·3	12·2	12·2	67	84	18	2	20	2	8	5	—	7·1	80	Fine.
24	1008·4	1010·5	89·0	85·6	92	84	2·2	1·0	13·9	12·9	78	89	20	5	—	0	7	10	3·3	7·3	82	●2 9 h. 15 m.–9 h. 30 m. and
25	999·6	1001·0	88·5	83·6	91	83	1·0	0·6	15·6	11·9	90	93	18	5	—	1	6	3	4·6	6·1	83	●2 11 h. 30 m.–14 h. 30 m. and [19 h.
26	1010·8	1017·2	88·6	87·6	91	82	1·9	1·6	14·2	13·6	80	81	24	3	22	2	10	10	3·6	4·5	80	●0 showers *a.* and *p.*
27	1011·8	1006·4	86·1	86·9	89	84	0·9	0·7	13·6	14·6	89	92	12	3	20	3	5●	7	8·4	0·2	84	●2 9 h.–12 h. and 13 h.–16 h.
28	1005·0	1006·4	87·3	83·3	90	82	2·2	0·8	12·2	11·2	76	90	20	2	—	0	7	3	0·5	1·8	79	● showers *a.* Clear *n.*
29	1008·1	1009·4	88·7	83·8	92	78	2·9	0·9	12·6	11·5	70	90	24	2	—	0	6	3	—	4·7	76	Fine.
30	1010·5	1012·8	87·4	85·0	90	81	1·7	1·0	13·2	12·2	81	88	28	2	24	2	8	3	0·6	1·3	79	●2 15 h. 45 m.–16 h. 45 m.
Mean	1007·9	1008·6	87·3	84·8	89·8	81·3	2·1	0·9	12·7	12·3	78	89	2·8		1·7		7·5	7·2	86·1	4·68	79·5	
Mean Barometer at Station Level.	1002·2	1002·7																				

LIMERICK (MUNGRET COLLEGE).—JUNE 1912.

Heights above Mean Sea Level:—Station, H = 14·3 m.; Barometer, H_b = 15·2 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 52° 38′ N. Long. 8° 41′ W. *Time*, Dublin mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. Wet 9 h.	Dep. Wet 21 h.	Vap. Pr. 9 h.	Vap. Pr. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1004·7	1004·0	87·7	82·1	89	n 74	2·6	0·0	12·2	11·5	72	100	4	1	24	2	3	9	0·5	9·5	n 71	T 15 h.
2	1003·0	1003·7	85·2	82·2	89	81	2·4	1·8	10·2	9·2	73	78	24	4	28	3	9	2	—	11·9	78	
3	997·6	994·2	85·8	78·4	89	75	3·0	0·1	10·2	8·8	69	99	12	3	20	2	7	9	7·2	5·3	72	
4	994·9	997·6	83·0	84·8	86	76	1·1	0·5	10·5	12·9	86	94	28	1	28	2	9	10	—	0·4	75	
5	1001·0	1005·0	86·2	85·4	90	84	0·8	1·1	13·6	12·2	90	86	4	2	Calm	0	10	7	0·8	3·6	81	
6	1009·1	1010·5	88·1	84·0	x 92	84	1·9	0·4	13·6	12·2	80	94	28	1	24	2	9	10	—	4·5	80	
7	1011·5	1011·8	87·4	84·7	91	83	1·3	0·1	13·9	13·6	84	99	4	2	Calm	0	8	9●0	7·1	4·1	82	⚡ 17 h. 30 m.
8	1011·5	1011·5	86·2	82·9	91	82	0·5	0·0	14·2	12·2	94	100	8	2	Calm	0	9	3	3·9	2·9	80	⚡ throughout the day.
9	1011·1	1010·8	87·7	82·9	91	80	1·7	0·1	13·6	11·9	80	99	12	1	28	2	7	2	12·3	4·7	78	⚡ 13 h. 30 m.–16 h.
10	1007·1	1004·4	86·2	85·2	90	81	1·4	0·7	12·6	12·9	83	91	12	1	4	1	9	9	5·3	6·9	79	T throughout the day.
11	1007·1	1011·1	86·6	83·9	91	79	1·4	0·3	12·9	12·6	83	96	32	1	24	2	8	0	5·9	6·2	76	
12	1012·8	1008·1	87·9	85·7	91	77	1·5	0·4	13·9	13·9	84	95	Calm	0	20	2	10	10	3·3	8·5	76	
13	1012·1	1013·2	84·4	84·4	89	82	0·4	0·6	12·9	12·6	95	92	20	3	20	2	5	7	2·5	2·3	80	
14	1012·8	1013·8	86·3	84·6	89	84	0·6	0·9	14·2	11·9	94	88	16	2	20	3	10	3	0·9	1·5	82	
15	1011·8	1009·1	86·3	84·7	90	82	1·1	1·0	13·2	11·9	86	87	20	3	20	5	10●0	10	3·3	6·0	79	
16	1009·4	1017·6	87·3	82·9	90	82	1·7	0·5	13·2	11·2	81	93	32	3	Calm	0	8	10	9·5	9·5	80	
17	1011·5	1010·5	85·1	87·7	90	82	0·4	0·0	13·2	16·6	94	100	16	2	20	3	10●	10●	24·6	—	81	Very wet day.
18	1010·5	1011·5	88·7	87·5	91	87	0·3	0·2	17·3	15·9	97	98	20	3	16	4	10●0	10●	8·2	—	87	
19	1007·8	1010·1	86·9	84·2	91	84	0·5	0·1	14·9	12·9	94	98	24	2	20	4	10●0	10	5·6	4·0	82	
20	1014·2	1015·9	86·1	86·2	89	82	0·9	1·4	13·2	12·6	88	84	24	2	20	4	9	10	2·6	2·7	80	
21	1009·1	1005·7	87·4	88·2	89	85	0·6	0·4	15·3	16·3	92	96	16	6	16	5	10●	10	2·9	—	84	
22	1002·7	1003·7	88·7	85·1	x 92	85	0·2	0·2	17·3	13·6	98	96	20	7	16	4	10	1	—	5·3	83	
23	1002·7	1005·0	89·2	84·7	90	84	2·1	0·2	14·2	13·2	78	97	20	6	16	4	10	9	3·2	4·4	81	
24	1009·8	1008·1	87·5	85·2	90	83	1·1	1·4	14·2	11·9	87	84	20	4	16	5	8	10	6·5	5·3	81	⌒2 17 h.
25	997·2	1002·0	87·1	85·1	90	84	1·2	0·1	13·6	13·9	86	98	20	4	24	2	9	10	4·3	7·9	81	
26	1013·8	1016·2	88·1	85·2	89	84	2·4	0·6	12·9	13·2	75	93	24	4	16	4	8	10	1·1	2·3	81	
27	1007·4	1006·4	87·7	85·3	89	85	0·4	0·3	15·9	13·6	96	96	24	7	20	2	10	10	3·3	0·2	84	
28	1004·7	1005·7	87·2	84·6	91	81	2·0	0·2	12·6	13·2	78	98	20	2	16	2	9	7	0·9	3·3	77	
29	1009·4	1009·8	88·9	85·4	91	80	2·1	0·0	13·9	14·2	79	100	20	2	20	3	9	10●0	2·1	7·7	79	
30	1012·5	1016·2	86·6	85·7	90	85	0·9	0·5	13·9	13·6	89	94	28	2	28	6	10	10	1·3	2·4	84	
Mean	1007·7	1008·4	86·9	84·6	90·0	81·9	1·3	0·5	13·6	12·9	86	94	2·8		2·7		8·8	7·9	129·1	4·44	79·8	
Mean Barometer at Station Level.	1005·9	1006·6																				

* Metres per second. † Beaufort Scale (0—12).

METEOROLOGICAL OFFICE, LONDON,
3rd August 1912.

DEERNESS, ORKNEY, a.b.—JULY 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 49·7 m. Heights above Ground:—Therms., h_t = 1·2 m.;
Rain-gauge, h_r = 0·3 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity (Latitude 45°.) 9 h. (millibar.)	21 h.	Air Temperature in Degrees Absolute. 9 h. (200 +)	21 h. (200 +)	Max. (200 +)	Min. (200 +)	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h. (millibar.)	21 h.	Percentage. 9 h. (%)	21 h. (%)	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h. *		21 h. *		Cloud Amount and Weather. 9 h. (Tenths of Sky covered.)	21 h.	Rain 24 hours beginning 9 h. (mm.)	Sunshine. (hr.)	Min. Temp. on Grass.	Remarks.
1	1010·5	1014·2	83·2	83·1	85	82	0·4	0·7	11·9	11·2	94	91	32	6	30	10	10≡0	10	—	—	—	≡0 till noon.
2	1016·2	1019·3	82·8	82·8	85	82	1·0	1·1	10·5	10·5	88	86	30	13	30	6	10	10	—	0·4	—	
3	1021·3	1024·3	82·6	82·5	86	82	0·4	0·7	11·2	10·9	94	91	32	6	28	3	10	10	—	0·3	—	Overcast all day.
4	1025·4	1027·1	84·9	85·6	x 90	n 81	1·5	0·4	11·5	13·9	82	95	24	2	26	4	4	10≡	—	8·8	—	Very fine. ≡ after 20 h.
5	1027·4	1025·0	83·8	82·3	86	82	1·6	0·6	10·5	10·9	82	91	30	2	10	3	10	10	—	0·1	—	Fine.
6	1020·3	1015·9	85·0	83·8	86	82	0·4	0·5	13·2	12·2	95	95	12	3	12	3	3	4≡0	—	3·3	—	Very fine *a.*
7	1012·1	1010·1	84·5	83·8	87	84	0·7	0·4	12·2	12·2	92	94	—	1	10	3	8	6∞	—	3·1	—	≡ till 8 h. and 13 h.–20 h.
8	1005·4	1010·8	84·6	83·5	87	84	1·5	0·7	11·2	11·5	82	91	18	6	14	2	10	6	—	3·5	—	Fine all day.
9	1013·2	1012·5	85·8	84·0	88	82	1·5	0·8	12·2	11·9	83	91	18	6	16	4	8	6	—	4·1	—	Very fine.
10	1005·0	1004·4	86·1	83·2	87	83	1·1	0·4	13·2	11·9	87	94	14	11	22	3	8	10●2	5·1	0·8	—	● after 15 h. ●2 after 20 h.
11	1009·8	1013·5	86·5	84·5	88	n 81	1·5	1·0	12·9	11·9	83	88	16	6	12	7	1	7	5·3	9·8	—	Fine and bright.
12	1010·8	1010·8	87·1	85·0	88	84	0·6	0·1	14·9	13·6	94	98	14	5	14	4	9	10●2	3·8	0·7	—	● *n.* and after 19 h.
13	1018·6	1022·7	85·2	83·8	89	84	0·7	0·6	12·9	11·9	91	93	28	5	6	2	10	2	—	3·7	—	Very fine.
14	1020·6	1021·3	83·9	84·5	89	83	0·1	1·0	12·6	11·9	98	88	14	4	—	1	10≡	6	—	5·3	—	≡2 all *a.* Fine after 16 h.
15	1025·0	1027·4	87·2	85·4	x 90	84	2·2	1·1	12·2	12·6	77	87	24	4	—	1	4	10	—	4·7	—	Very fine.
16	1027·4	1028·1	85·6	82·9	86	83	1·1	0·3	12·6	11·5	86	96	—	1	32	3	10	2∞	2·3	—	—	●0 11 h.–16 h.
17	1025·4	1018·3	84·9	83·7	86	n 81	1·7	1·5	11·2	10·5	80	83	22	2	26	6	9	10	—	0·6	—	Fair.
18	1017·6	1019·6	84·5	83·2	87	82	1·6	1·0	11·2	10·9	81	88	30	9	30	8	10	2	—	7·5	—	
19	1018·6	1021·3	85·7	83·5	87	82	1·9	0·4	11·5	12·2	78	95	32	10	30	5	0	2	—	12·3	—	Fine.
20	1021·0	1021·0	86·2	82·0	88	82	1·3	0·8	12·9	10·2	85	90	30	5	—	1	2	8	—	12·8	—	Very fine.
21	1021·0	1022·3	84·9	83·4	87	82	1·5	1·4	11·5	10·5	82	83	2	4	32	4	8	10	—	1·6	—	≡0 *a.*
22	1021·3	1019·3	83·5	82·9	87	82	1·2	0·7	10·9	11·2	87	91	2	5	2	5	10∞	8∞	—	6·3	—	
23	1018·6	1018·6	85·6	83·5	87	82	3·8	1·2	8·8	10·9	62	86	4	7	4	2	9	10	—	1·8	—	Fine and dry, but cold.
24	1019·3	1018·3	85·0	84·6	86	82	2·8	0·5	9·5	12·6	69	93	12	4	10	4	10	9	1·5	0·3	—	∞ all day.
25	1015·9	1013·8	85·6	86·2	87	85	0·0	0·0	14·6	14·9	99	100	10	6	10	7	10≡	10≡	0·8	—	—	≡2 *a.*
26	1010·5	1009·1	86·7	86·7	88	85	0·2	0·6	15·3	14·6	98	93	14	2	22	2	10≡	10≡	5·8	—	—	● 12 h.–15 h.
27	1010·5	1008·8	87·7	84·5	88	84	0·6	0·2	15·6	13·2	93	99	18	3	6	6	8	10≡	1·0	6·4	—	Fine till 18 h., then ≡●0.
28	1002·0	988·8	85·6	85·6	86	85	0·0	0·0	14·6	14·6	100	100	6	8	10	6	10≡	10≡	11·9	—	—	≡2 *a.* ●2 13 h.–19 h.
29	984·7	988·4	85·2	83·8	87	83	0·7	0·9	12·9	11·5	90	90	14	8	16	5	10	10●2	4·6	2·0	—	Rough sea *a.* ●0 *p.*
30	990·8	995·9	84·7	84·5	88	84	0·2	1·3	13·2	11·5	97	84	18	3	22	4	10	9	—	0·5	—	Fair after 9 h.
31	995·9	995·6	84·3	83·4	86	n 81	1·5	0·6	10·9	11·5	82	92	18	6	—	1	8	10	—	2·6	—	Fine. ⌂2 after 19 h.
Mean	1014·3	1014·4	85·1	84·0	87·3	82·8	1·1	0·7	12·3	12·0	87	91	5·3		4·0		8·0	8·0	42·1	3·33	—	
Mean Barometer at Station Level.	1008·2	1008·3																				

ABERDEEN, a.e.—JULY 1912.

Heights above Mean Sea Level:—Station, H = 14·0 m.; Barometer, H_b = 26·8 m. Heights above Ground:—Therms., h_t = 12·5 m.;
Rain-gauge, h_r = 0·6 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. Wet 9 h.	Dep. Wet 21 h.	Vap. Pr. 9 h.	Vap. Pr. 21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 10 h.	Cloud 22 h.	Rain 10 h.	Sunshine	Min. Temp. on Grass	Remarks
1	1009·8	1013·5	84·6	84·4	86	84	1·0	1·3	11·9	11·2	87	84	30	4	28	7	10	10	0·5	0·5	—	Dull, with ●0 showers.
2	1014·9	1018·6	83·7	83·0	85	82	0·8	1·2	11·5	10·2	91	85	30	8	30	4	10●0	10	0·8	—	—	Dull, with drizzling showers.
3	1021·0	1025·4	84·9	83·9	87	82	1·8	1·4	10·9	10·9	79	84	28	5	32	3	9	10	—	2·4	—	Dull to cloudy.
4	1026·4	1028·1	85·6	84·1	86	83	1·4	0·6	12·2	12·2	84	92	32	2	—	0	8	8	—	0·8	—	Cloudy to dull.
5	1028·1	1025·4	85·7	84·1	87	n 81	1·7	1·3	11·9	11·2	80	86	10	2	14	2	8	3	—	2·8	—	⌂≡0 *a.* Bright intervals *p.*
6	1021·3	1016·6	86·3	84·7	89	82	2·1	1·1	11·9	11·9	77	86	14	3	14	4	10	10	—	8·1	—	Dull *a.*
7	1013·8	1011·5	86·2	85·9	90	85	0·9	1·2	13·6	12·6	90	86	14	2	16	2	10≡0	6≡0	—	5·8	—	Dull *a.*
8	1007·1	1013·5	89·2	85·9	90	83	2·3	2·7	13·9	10·5	76	71	18	4	—	1	10	4	0·8	3·6	—	Occasional ●0 showers *a.*
9	1015·9	1014·9	88·4	86·4	91	n 81	3·6	2·1	11·2	11·9	65	76	20	4	18	2	4	3	—	8·8	—	Fine all day. ⊕ 10 h.
10	1008·4	1005·7	86·5	87·6	89	85	1·4	1·2	12·9	14·2	84	86	14	6	16	4	10≡0	10≡0●	0·3	0·2	—	≡0 all day.
11	1011·8	1014·5	88·1	85·3	90	85	3·9	0·8	10·5	12·9	61	90	—	1	—	1	4	10	7·6	7·1	—	⊕ *a.* and *p.* ● after 23 h.
12	1021·1	1012·1	89·6	88·2	91	86	1·5	1·1	15·6	14·9	84	88	14	3	—	1	8	10●	1·8	7·1	—	● early. T 21 h. ● showers [later.
13	1019·6	1023·0	86·8	86·5	90	84	1·4	1·3	13·2	12·9	84	84	28	4	32	2	10	1	—	3·1	—	Dull *a.* Cloudy *p.*
14	1022·0	1021·0	85·2	88·0	x 94	82	0·8	1·3	12·6	14·2	90	86	8	3	24	2	1	4	—	11·5	—	Fine and bright all day.
15	1025·7	1027·7	91·0	87·0	91	86	4·1	1·6	12·6	13·2	61	82	2	3	—	1	1	8	—	10·6	—	Fine and bright.
16	1026·4	1027·7	88·1	85·8	88	85	1·7	1·0	13·9	12·9	82	88	32	3	2	3	10	10	—	—	—	Dull.
17	1026·0	1019·9	85·8	85·2	87	85	2·2	1·4	11·2	11·5	75	83	4	3	16	2	10	8	—	1·3	—	Dull to cloudy.
18	1016·9	1017·9	86·1	84·0	87	84	2·8	1·7	10·5	10·5	70	80	30	6	30	7	8	3	—	6·1	—	Cloudy *a.* Fair *p.*
19	1017·2	1019·9	84·2	84·0	87	84	1·4	1·0	11·2	11·5	83	88	30	6	30	6	10	10	—	0·6	—	Cloudy to dull.
20	1019·9	1020·6	85·9	85·1	90	83	1·8	1·9	11·9	10·9	80	77	28	7	32	2	3	4	—	7·6	—	Bright to fair.
21	1021·0	1022·0	85·7	83·9	87	82	2·0	1·4	11·2	10·9	76	84	2	4	2	3	8	10	—	1·5	—	Cloudy to dull.
22	1021·0	1018·9	84·5	83·0	87	82	2·1	1·3	10·2	10·2	75	84	32	3	28	2	10	2	—	2·3	—	Dull to cloudy.
23	1018·3	1018·9	85·4	84·6	87	n 81	2·6	2·8	10·2	9·5	71	69	32	3	8	2	8	10	—	4·1	—	Fair to cloudy.
24	1018·6	1017·6	85·5	85·9	87	84	1·8	0·5	11·2	13·9	78	94	8	4	—	1	10	10●	5·8	—	—	Dull. ●0 showers *p.* ● *n.*
25	1013·8	1012·1	87·1	86·5	87	86	0·4	0·2	15·3	14·9	96	97	8	2	—	1	10	? 10●≡0	11·4	—	—	≡2 *a.* T● 11 h.–13 h. <● *n.*
26	1010·5	1010·5	87·4	88·4	90	86	0·2	1·4	15·9	14·6	97	85	—	1	—	1	10≡0	1⌂≡0	—	1·4	—	≡2● *a.*
27	1010·8	1007·4	89·3	86·3	90	83	2·4	0·4	13·9	14·2	75	94	14	2	10	2	0	10	—	3·5	—	⌂≡0 *a.* ●0 showers after 22 h.
28	998·6	989·5	86·7	85·8	88	85	0·2	1·2	15·3	12·6	98	86	8	3	16	6	10≡	10●	10·4	—	—	≡2 *a.* ● *a.* and *n.*
29	990·1	990·1	86·4	84·9	88	84	2·7	1·8	10·9	10·9	70	79	18	6	18	2	7	8	1·0	4·9	—	● early *a.* Cloudy.
30	993·2	999·3	88·1	84·3	90	82	2·6	2·7	12·6	9·2	73	70	—	1	22	3	10	1	4·3	0·3	—	Dull to cloudy. T0 15 h.
31	998·9	996·6	86·3	84·9	90	n 81	3·1	1·3	10·2	11·5	67	84	18	5	16	3	8	1	—	7·2	—	Cloudy to fine.
Mean	1014·8	1014·9	86·6	85·4	88·7	83·5	1·9	1·4	12·3	12·1	79	84	3·6		2·6		7·9	6·9	44·7	3·65	—	
Mean Barometer at Station Level.	1011·5	1011·5																				

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.

* Metres per second.

Wt. 39026—250—9/12.—N. & Co., Ltd. Gp. XV.

Fort William, Inverness-shire, a.—July 1912.

Heights above Mean Sea Level:—Station, H = 52·1 m.; Barometer, H_b = 11·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or *Velocity* (*metres per second.*) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	°	
1	1011·1	1015·5	85·2	86·0	87	84	0·6	1·9	13·2	11·9	92	79	Calm	0	8	2	10≡⁰●	10	1·3	—	—	Dull and cloudy.
2	1017·6	1019·6	86·7	85·2	92	84	2·6	2·1	11·2	10·5	72	75	4	3	4	4	10	10≡	—	—	—	Generally fine and sunny.
3	1021·0	1023·7	85·8	87·4	95	82	2·9	1·7	10·2	13·2	70	81	4	4	Calm	0	7	7	—	—	—	Generally fine and sunny.
4	1026·0	1026·7	89·1	87·6	94	82	2·0	1·3	14·2	14·2	79	85	20	2	Calm	0	0	2	—	—	—	Continuous sunshine.
5	1025·7	1023·0	90·9	87·8	x 96	84	2·8	1·1	14·6	14·6	72	88	Calm	0	Calm	0	1	10∞	—	—	—	Sunny till 13 h.
6	1019·9	1015·2	89·9	88·6	95	85	2·5	1·6	14·2	14·6	75	83	20	2	Calm	0	9∞	10∞	—	—	—	∞² to fine and sunny.
7	1012·8	1009·4	90·0	87·6	94	84	2·6	0·6	14·2	15·3	74	92	Calm	0	Calm	0	10∞	10∞●	10·7	—	—	Sunny *a.*
8	1008·8	1013·8	86·3	84·3	89	84	1·7	1·3	12·2	11·2	80	84	20	1	20	3	9	10●⁰	2·3	—	—	Sunshine and shower.
9	1014·9	1012·1	86·8	84·7	90	83	2·0	1·8	12·2	10·9	77	79	20	4	16	2	10	2	—	—	—	Fair to fine and sunny.
10	1003·3	1006·1	90·2	83·9	91	83	3·4	0·5	12·9	12·2	67	93	20	4	20	3	7	9≡	12·7	—	—	≡⁰● most of day.
11	1010·8	1012·1	87·6	85·9	91	82	2·5	2·9	12·2	10·2	73	69	20	3	Calm	0	3	10	7·6	—	—	Fine and sunny.
12	1008·8	1011·8	86·2	86·4	90	84	0·4	0·2	14·2	14·9	94	98	Calm	0	Calm	0	10≡●	10≡●	16·0	—	—	≡⁰● all day.
13	1019·3	1021·6	87·3	87·8	91	85	2·0	1·1	12·6	14·6	78	87	Calm	0	8	1	10≡	10	—	—	—	Fair to fine.
14	1021·0	1022·7	91·1	86·1	95	85	2·6	1·8	15·3	11·9	74	79	20	1	Calm	0	2∞	2	—	—	—	Fine and sunny throughout.
15	1025·7	1026·4	88·3	87·5	x 96	84	2·0	1·2	13·6	14·2	78	86	Calm	0	Calm	0	10	0	—	—	—	Very fine and sunny.
16	1025·7	1025·7	88·7	86·9	x 96	84	1·8	1·8	14·2	12·6	81	80	4	2	4	5	10	10	—	—	—	Very fine.
17	1025·0	1021·6	89·1	85·7	93	85	3·8	2·9	11·5	10·2	63	70	4	2	26	3	6	0	—	—	—	Very fine.
18	1018·9	1019·9	87·4	85·8	91	82	4·1	3·6	9·8	9·2	59	63	4	3	6	3	4	3	—	—	—	Fine and sunny.
19	1019·9	1020·3	86·3	87·4	92	n 80	3·9	2·8	9·2	11·5	60	70	4	4	4	3	2	1	—	—	—	Fine and sunny.
20	1019·9	1018·6	88·5	87·9	95	82	3·7	2·3	10·9	12·6	63	75	4	4	4	3	0	10●⁰	—	—	—	Fine and sunny.
21	1019·3	1019·6	88·5	86·1	95	85	3·3	1·8	11·9	11·9	67	79	4	4	4	4	10	0	—	—	—	Generally fine and sunny.
22	1020·3	1018·3	86·7	84·9	91	82	2·6	2·0	11·2	10·9	72	77	4	4	4	4	0	1	—	—	—	Fine and sunny.
23	1016·9	1015·9	87·4	84·8	92	81	3·3	1·8	10·9	10·9	66	79	4	4	4	3	0	3	—	—	—	Fine and sunny.
24	1015·9	1014·9	85·2	89·0	91	83	1·7	2·7	11·2	13·2	79	73	Calm	0	Calm	0	10	10	—	—	—	Generally fine and sunny.
25	1010·8	1009·4	90·2	90·2	93	84	2·3	2·2	14·9	14·9	76	77	6	2	Calm	0	9	9	3·3	—	—	Showery *a.* Fair to fine *p.*
26	1010·5	1010·8	88·5	86·3	93	85	1·1	1·1	15·6	13·2	89	88	Calm	0	16	2	10∞●	3	3·6	—	—	Showery *a.* Fair to fine *p.*
27	1009·8	1005·0	88·9	88·0	94	81	2·1	1·2	13·9	14·6	79	87	Calm	0	Calm	0	2	10●⁰	1·0	—	—	Fine *a.* Showery after 14 h.
28	995·2	985·1	89·1	86·4	91	86	1·7	1·2	14·9	13·2	82	86	32	2	Calm	0	10●	9	16·5	—	—	Dull and showery.
29	988·1	989·5	84·5	85·2	87	84	1·3	0·9	11·5	12·6	85	88	20	5	20	3	10≡●⁰	10	2·0	—	—	Squally with T●² early *a.*
30	994·9	1000·0	85·8	82·4	89	82	1·3	0·5	12·6	10·9	85	93	20	3	20	3	10≡●⁰	10●⁰≡	5·1	—	—	Unsettled and showery.
31	997·2	996·6	84·0	83·6	85	81	1·2	0·3	11·2	12·2	85	97	20	5	20	2	10≡●	10≡	6·4	—	—	Showery and misty.
Mean	1014·0	1013·9	87·7	86·4	92·0	83·3	2·3	1·6	12·6	12·6	76	82		2·2		1·7	6·8	6·8	88·5	—	—	
Mean Barometer at Station Level.	1012·6	1012·5																				

Dundee, Forfarshire, c.d.—July 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 50 m. Heights above Ground:—Therms., h_t = 1·16 m.; Rain-gauge, h_r = 0·3 m. Lat. 56° 28′ N. Long. 2° 56′ W. *Time*, Greenwich mean time.

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1	1009·4	1013·5	88·6	85·5	89	82	2·2	1·4	13·6	11·9	77	83	4	1	28	3	5	10	—	—	—	Cloud and sunshine till 17 h.
2	1015·5	1017·6	85·8	84·3	86	84	1·8	1·4	11·5	11·2	79	83	28	5	28	1	10	10	—	—	—	Dull and cloudy.
3	1020·6	1025·7	87·4	84·6	89	82	2·1	0·8	12·6	12·2	77	89	12	1	8	1	10	10	—	—	—	Dull *a.*, and from 15 h.
4	1026·7	1027·7	85·2	84·5	87	84	1·0	0·5	12·6	12·6	87	94	12	3	8	1	10	10	—	—	—	Dull till 10 h. and from 14 h.
5	1027·7	1026·0	88·6	83·4	90	83	2·2	0·7	13·6	11·5	77	92	8	1	4	1	5	10	—	—	—	Fine till 14 h.
6	1021·0	1016·6	85·4	85·2	91	83	1·2	0·4	12·2	13·2	85	94	4	1	8	1	10	10	—	—	—	Fine 10 h.-20 h.
7	1014·2	1011·1	86·2	86·3	92	84	0·5	1·0	14·2	13·6	95	88	12	1	4	1	10	10	0·8	—	—	Dull till 11 h. and from 17 h. ≡⁰
8	1008·8	1014·5	87·2	86·0	91	85	1·3	2·2	13·6	11·2	84	75	20	3	20	1	10	10	0·5	—	—	●⁰ 5 h. and 9 h.-9 h. 30 m.
9	1017·2	1015·2	89·1	86·3	92	82	2·8	1·9	12·9	11·9	72	78	20	3	16	1	5	10	—	—	—	Fine till 19 h., then ≡⁰.
10	1008·1	1006·4	89·7	89·1	92	85	2·5	1·1	13·9	15·9	75	88	16	3	20	4	10	10	0·3	—	—	Dull and cloudy.
11	1012·1	1013·5	89·6	86·4	93	84	2·7	0·6	13·6	14·2	73	92	12	1	8	3	5	10	7·4	—	—	● from 21 h.
12	1011·8	1011·5	89·4	89·1	91	86	0·7	0·4	17·0	17·3	92	95	12	1	20	1	10	10	0·5	—	—	●⁰ 17 h. 30 m.-19 h.
13	1018·6	1023·3	87·4	85·9	90	86	0·6	0·4	15·3	14·2	92	96	8	1	12	1	10	10	0·8	—	—	●⁰ 10 h. 30 m.-11 h. 30 m.
14	1018·6	1017·9	91·4	90·2	x 95	84	2·2	1·1	16·3	17·3	78	88	16	1	32	1	0	10	—	—	—	Fine till 20 h.
15	1022·7	1023·3	90·2	86·4	92	86	2·7	0·6	14·2	14·2	73	92	12	1	8	1	10	10	—	—	—	Cloud and sunshine till 16 h.
16	1023·0	1023·0	88·0	86·8	90	86	1·1	1·6	14·9	12·9	88	82	12	1	4	3	10	10	—	—	—	Dull till 12 h. and after 16 h.
17	1022·3	1020·6	85·9	85·6	90	85	1·3	0·9	12·6	12·9	85	89	4	1	4	1	10	10	—	—	—	Dull till 12 h. and after 16 h.
18	1017·6	1019·3	86·8	84·0	89	83	3·2	1·6	10·5	10·5	65	81	4	5	32	1	5	5	—	—	—	Cloud and sunshine till 18 h.
19	1016·2	1018·9	86·9	86·6	92	82	2·8	2·2	11·2	11·9	70	75	32	8	24	3	10	10	—	—	—	/ till 12 h. Dull from 18 h.
20	1018·6	1019·3	90·2	87·4	x 95	84	2·8	2·6	14·2	11·9	72	72	20	1	4	3	5	10	—	—	—	Fine till 19 h.
21	1019·6	1021·3	89·1	84·1	92	82	2·8	1·1	12·2	11·5	67	86	4	3	8	1	5	10	—	—	—	Fine till 19 h.
22	1021·0	1019·3	85·2	84·7	88	82	1·3	0·8	11·9	12·2	83	90	8	1	8	1	10	10	—	—	—	Dull and cloudy.
23	1017·6	1017·6	87·4	84·7	89	n 79	2·2	2·3	12·6	10·2	76	74	8	1	8	3	5	10	0·8	—	—	Fine till 16 h. ●⁰ 16 h.-19 h.
24	1017·6	1015·9	85·5	86·6	87	83	1·1	0·3	12·6	14·9	87	96	4	3	4	3	10	10	1·3	—	—	● 6 h. 30 m.-7 h. 30 m.
25	1015·5	1011·5	87·2	87·5	89	86	0·3	0·3	15·6	15·6	96	96	8	1	4	3	10	10	16·3	—	—	T●⁰ 6 h.-8 h. and 10 h.-12 h.
26	1011·1	1011·5	87·7	87·4	93	86	0·3	0·5	15·9	15·3	97	93	12	1	20	1	10	10	11·9	—	—	T●△ 14 h.-15 h.
27	1010·1	1007·4	89·7	87·4	92	83	1·1	0·5	16·6	15·3	88	93	12	1	12	1	10	10	3·8	—	—	T 15 h.-16 h. ● 15 h.-21 h.
28	996·9	989·1	87·2	85·8	89	86	0·2	0·8	15·6	13·2	97	90	4	3	12	3	10	10	15·0	—	—	● 9 h.-11 h. T● 15 h.-16 h.
29	991·2	990·1	85·8	84·4	88	84	1·7	0·5	11·9	12·6	81	93	20	5	20	1	10	10	3·1	—	—	● 10 h. 30 m.-13 h. 30 m.
30	994·5	1000·3	87·2	83·9	91	81	1·4	1·9	13·6	10·2	84	77	16	1	20	5	5	10	—	—	—	Cloud and sunshine till 17 h.
31	1000·3	996·9	86·6	85·1	90	82	2·5	1·8	11·2	11·2	72	79	20	3	28	1	5	10	—	—	—	Cloud and sunshine till 18 h.
Mean	1014·4	1014·4	87·6	86·0	90·4	83·7	1·7	1·1	13·5	13·0	81	87		2·1		1·8	8·1	9·8	62·5	—	—	
Mean Barometer at Station Level.	1008·4	1008·4																				

† Beaufort Scale (0—12).

Glasgow, Lanarkshire, a.—July 1912.

Heights above Mean Sea Level:—Station, H = 54·9 m.; Barometer, H_b = 56·1 m. Heights above Ground:—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 55° 53′ N. Long. 4° 18′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or *Velocity* (*metres per second.*) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200+ °	
1	1009·8	1014·2	88·0	87·0	89	84	3·0	2·6	11·5	11·5	69	72	28	3	32	3	10	6	1·4	1·0	79	● showers 11 h. and 14 h.
2	1015·5	1016·9	87·3	86·6	90	83	2·7	2·3	11·5	11·5	72	74	—	1	—	1	10	10	—	1·6	77	Dull *a.*
3	1019·6	1024·3	87·3	86·3	91	84	2·5	1·7	11·9	12·2	73	80	8	2	8	2	6	0	—	7·2	83	Fine.
4	1026·0	1026·0	89·1	88·4	93	85	2·6	1·9	13·6	13·9	74	80	—	0	6	2	4∞	9∞	—	3·2	80	Fine *a.*
5	1026·4	1023·7	87·9	85·4	93	84	2·2	2·0	12·9	10·9	76	76	6	3	8	3	4∞	4∞	—	10·3	84	Fine.
6	1021·0	1015·2	84·9	87·5	92	82	0·9	1·4	12·2	13·9	90	83	—	1	—	1	10∞	4∞	—	3·6	79	Bright *a.* Cloudy *p.*
7	1013·2	1009·8	90·0	88·9	94	84	2·9	1·5	13·6	14·9	71	84	—	1	20	2	5∞	10	1·7	4·3	79	Bright intervals.
8	1009·8	1015·5	86·4	84·8	89	85	2·9	0·9	10·5	12·2	68	89	24	5	22	3	5	10	0·5	5·5	85	Bright, but cloudy. Showery *p.*
9	1016·6	1013·5	86·5	86·6	91	82	2·8	3·1	10·9	10·5	69	67	20	5	16	3	7	3	—	9·8	79	Cloudy *a.* Bright *p.*
10	1006·7	1007·8	89·5	83·8	91	84	3·7	1·1	11·9	11·2	63	88	16	6	24	4	9	10●⁰	5·8	0·5	81	Drizzle, then ● *p.*
11	1011·8	1012·1	87·9	86·4	91	83	3·8	1·7	10·5	12·2	61	80	22	3	10	2	4	10●	6·7	8·3	79	Fine and bright till 16 h. ● *p.*
12	1009·1	1011·5	91·2	87·6	91	85	2·1	0·2	16·3	16·3	79	98	14	4	—	1	10	10●	6·1	—	85	Dull *a* ● *p.*
13	1018·6	1021·6	89·8	87·1	91	86	2·3	1·3	14·6	13·6	77	85	—	1	6	3	9	6	—	4·1	85	Cloudy *a.* Fine *p.*
14	1021·0	1021·6	90·7	88·9	x 96	86	2·2	3·1	15·6	12·2	78	69	—	1	26	2	3∞	5	—	9·8	84	Fine.
15	1024·7	1025·7	90·9	88·5	x 96	85	3·5	1·4	13·6	14·6	66	85	—	1	8	4	3∞	7	—	12·2	81	Fine and clear till 21 h.
16	1025·0	1025·0	89·1	87·9	93	86	1·7	1·2	14·9	14·6	82	86	8	3	8	4	6∞	10	—	9·4	86	Fine and bright.
17	1024·7	1020·3	86·3	86·3	91	86	1·2	2·0	13·2	11·9	87	78	6	3	24	2	10	8	—	1·2	85	Dull and cloudy.
18	1017·6	1018·6	87·9	86·1	92	82	4·2	3·7	9·8	9·2	58	63	32	2	2	3	4	0	—	9·4	79	Fine.
19	1016·9	1018·3	87·8	89·1	93	n 81	4·7	3·0	9·2	12·6	54	70	—	1	2	2	5	8	—	7·2	n 75	Cloudy *a.* Fine *p.*
20	1017·9	1018·6	90·7	87·4	95	85	3·8	3·1	12·9	11·2	63	68	—	1	8	4	10	8	—	2·1	79	Dull and cloudy.
21	1018·6	1020·3	88·9	85·4	91	84	5·4	1·5	9·2	11·9	51	82	4	4	8	5	5	10	—	7·8	82	Bright, but cloudy *a.* Fine *p.*
22	1019·9	1018·3	84·3	84·6	90	84	1·4	1·4	11·2	11·2	83	84	6	4	8	2	10	7	—	4·9	83	Dull *a.* Cloudy *p.*
23	1016·2	1016·6	86·1	85·1	90	83	3·2	2·2	10·2	10·5	67	75	8	5	6	5	5	10	2·1	6·3	80	Fine, but cloudy *a.* Dull *p.*
24	1015·2	1013·8	85·8	87·4	90	84	1·1	0·6	12·9	15·3	87	94	6	4	6	4	10	10	7·1	0·5	82	● 4 h.-7 h. Dull.
25	1011·5	1009·4	87·4	88·1	92	87	0·1	1·1	16·3	14·9	99	88	8	3	8	3	10●	9	0·2	0·5	86	● 8 h.-10 h. Cloudy.
26	1010·5	1011·1	88·1	87·2	92	86	0·7	1·1	15·9	14·2	93	88	—	1	—	1	8	6	—	1·5	85	Dull and cloudy.
27	1008·8	1004·0	89·9	87·3	92	84	3·0	0·4	13·2	15·6	70	95	6	3	6	4	6∞	10	12·3	0·9	79	T 13 h.-14 h. ●² 14 h.-16 h.
28	993·2	985·4	87·5	85·2	90	85	0·2	0·3	15·9	13·6	98	96	6	6	18	10	10●	10●	13·1	0·1	85	● 9 h. ●² 13 h. and 20 h.-24 h.
29	990·5	990·1	85·7	86·1	90	84	2·1	1·0	11·2	13·2	76	89	20	5	18	2	6	10●	0·3	5·6	83	Cloudy. Showery evening.
30	996·6	1002·0	86·3	83·2	89	83	2·5	1·5	10·9	10·2	72	82	22	7	22	3	9	6	0·2	2·5	82	● showers 3 h. and 22 h.
31	1000·0	996·2	86·0	84·6	89	82	2·5	1·1	10·9	11·9	72	87	22	6	—	1	6	8	0·7	6·1	80	Fine *a.* Dull *p.*
Mean	1013·9	1013·8	87·9	86·6	91·5	84·1	2·5	1·6	12·6	12·7	74	82		3·1		2·9	7·1	7·5	58·2	4·75	81·6	
Mean Barometer at Station Level.	1007·2	1007·0																				

Cockle Park (near Morpeth), Northumberland.—July 1912.

Heights above Mean Sea Level:—Station, H = 98·7 m.; Barometer, H_b = 100·8 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 55° 13′ N. Long. 1° 41′ W. *Time*, Local mean time.

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1	1009·1	1013·2	87·8	83·9	91	82	2·6	0·6	12·2	11·9	73	93	4	1	4	4	6	9	3·1	4·5	80	●⁰ showers.
2	1012·1	1015·9	84·0	82·8	86	82	0·0	0·7	13·2	10·9	100	90	4	5	4	7	10	10	3·8	—	81	Overcast, with drizzle.
3	1018·9	1024·3	83·7	82·8	86	82	0·2	0·5	12·6	11·2	98	94	4	5	4	3	10	10	0·3	0·4	82	Overcast, with drizzle.
4	1026·7	1028·1	83·8	83·0	86	82	0·8	0·5	11·5	11·5	91	94	4	3	Calm	0	9	10	—	0·1	81	Dull.
5	1028·4	1025·0	83·9	82·6	86	82	1·1	0·3	11·2	11·5	87	97	12	1	12	1	10	4	—	0·8	81	
6	1022·0	1016·2	83·7	84·1	89	n 80	1·7	0·7	10·2	11·9	80	91	12	3	12	1	10	5	—	7·5	n 77	Fine.
7	1014·5	1011·8	89·6	86·3	92	82	3·5	0·4	12·2	14·2	65	95	12	1	20	1	4	8	0·5	9·8	81	Fine and warm. Showery evening.
8	1009·4	1017·2	88·9	83·4	90	83	1·5	1·4	14·9	10·5	84	83	20	5	28	1	8	2	—	8·5	84	
9	1018·6	1016·6	87·6	84·1	93	n 80	3·0	0·4	11·5	12·2	69	94	20	2	Calm	0	7	5	—	7·1	80	Fine.
10	1011·1	1008·8	89·9	90·5	94	83	2·7	2·4	13·9	14·9	73	75	16	4	20	3	7	8	—	1·8	81	
11	1012·5	1013·5	87·2	87·8	94	86	1·0	0·6	14·2	15·6	88	93	4	1	4	1	10	10	0·5	4·0	86	Distant T. ●⁰ showers *p.*
12	1012·8	1012·5	93·4	89·3	94	82	2·7	0·2	17·6	18·0	73	98	16	3	24	1	6	9	15·0	3·2	84	☈●² 17 h.-20 h. 30 m.
13	1017·9	1022·0	91·4	87·8	93	85	1·5	1·3	17·6	14·2	84	85	Calm	0	4	2	9	9	—	5·9	84	Fine.
14	1021·6	1022·0	90·2	87·0	x 95	85	1·7	0·3	15·9	15·3	81	96	4	3	4	1	4	7	—	8·7	84	Fine. ≡ in evening.
15	1024·0	1026·4	92·6	85·9	x 95	86	2·4	0·0	17·3	14·9	76	100	4	2	4	2	1	10≡⁰	—	10·8	84	Fine and sunny.
16	1025·7	1024·7	87·9	86·3	94	85	0·8	0·4	15·3	14·6	90	95	12	1	4	3	10	10≡⁰	0·5	5·1	85	Fine.
17	1024·3	1021·0	86·1	85·2	88	85	0·3	0·6	14·6	12·9	96	93	4	2	Calm	0	10	5	—	—	83	Overcast.
18	1016·2	1016·6	85·7	82·8	88	82	2·2	1·3	11·2	10·2	75	84	4	4	4	5	9	3	5·3	3·3	81	Showery evening.
19	1010·1	1014·9	82·9	84·6	87	82	0·4	0·4	11·5	12·9	95	95	4	5	4	6	10	10	0·5	0·2	80	●⁰ showers.
20	1016·2	1016·9	84·8	84·8	88	83	0·7	0·5	12·6	12·9	92	94	4	6	4	4	10	7	5·6	0·7	82	Dull. Showery evening.
21	1017·9	1019·9	87·9	84·0	89	84	2·3	0·6	12·6	12·2	74	92	4	4	4	2	4	7	—	4·1	82	Fine.
22	1019·9	1019·3	84·5	83·2	86	83	1·4	1·2	11·2	10·5	83	85	4	2	4	1	8	10	—	—	82	Dull.
23	1016·9	1017·2	85·6	83·7	87	82	2·7	0·6	10·2	11·9	71	93	20	1	Calm	0	10	8	1·3	0·5	82	Dull.
24	1016·9	1014·9	85·6	87·0	87	83	0·5	0·0	13·6	15·9	95	100	12	2	12	1	10	10≡⁰	8·9	—	81	≡⁰● showers *p.*
25	1011·5	1010·8	87·1	86·5	91	86	0·0	0·1	15·9	15·3	100	99	12	2	12	1	10	6	3·6	0·4	85	☈ 17 h. 30 m.-19 h. 30 m.
26	1010·8	1012·5	91·0	87·3	94	85	1·8	0·9	16·6	14·6	82	89	28	3	4	1	4	7	—	8·2	84	Fine.
27	1009·8	1004·4	90·2	87·0	94	86	1·4	0·0	16·3	15·9	84	100	12	2	12	2	7	10≡⁰	10·7	1·1	81	Distant T. ● showers.
28	994·5	993·5	89·2	85·9	90	85	0·4	1·1	17·3	12·9	95	87	20	2	16	3	10	9	5·6	0·1	85	☈ 11 h.-12 h. 30 m.
29	993·5	993·5	86·1	83·8	88	83	2·1	0·9	11·5	11·5	76	90	20	4	20	2	7	6	1·0	3·8	81	Distant T. ● showers.
30	995·9	1003·7	88·1	82·6	90	82	1·9	1·0	13·6	10·5	80	88	24	4	24	3	7	2	—	3·6	81	
31	1004·0	995·9	86·0	86·2	88	n 80	2·1	2·4	11·5	11·2	76	73	20	2	12	1	9	9	4·1	0·4	78	Dull. ●⁰ in evening.
Mean	1014·3	1014·6	87·3	85·2	90·3	83·2	1·5	0·7	13·6	13·1	83	91		2·7		2·0	7·9	7·6	70·3	3·37	82·0	
Mean Barometer at Station Level.	1002·3	1002·5																				

* Metres per second. † Beaufort Scale (0—12).

DOUGLAS, ISLE OF MAN, a.—JULY 1912.

Heights above Mean Sea Level:—Station, H = 84·5 m.; Barometer, H_b = 86·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·25 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second). 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200 + °	
1	1011·8	1014·2	84·2	85·1	87	84	0·7	0·5	12·2	13·2	91	93	28	6	30	4	10	9	—	6·0	83	Squally.
2	1015·9	1016·9	86·4	85·8	89	84	1·5	1·5	12·6	12·2	82	83	28	3	2	1	8	10	—	3·7	82	Cloudy and squally.
3	1018·6	1023·3	85·8	85·3	89	84	1·6	0·7	11·9	12·9	82	91	4	4	4	2	8	0⌓	—	9·5	83	Fine from 10 h.
4	1025·7	1027·1	86·3	85·2	90	83	1·6	0·3	12·6	13·6	81	96	4	2	24	1	8	8⌓	—	8·7	82	Very fine.
5	1026·4	1023·3	86·5	86·3	90	84	1·2	1·5	13·2	12·6	86	82	10	2	6	2	10≡	0⌓	—	5·9	82	Very fine from 11 h.
6	1020·3	1015·9	87·4	88·0	91	85	1·4	1·6	13·6	13·9	83	83	8	3	8	2	4	3⌓	—	9·7	84	≡ before 7 h. Very fine.
7	1014·2	1013·2	88·6	86·1	91	84	1·7	0·3	14·2	14·6	82	96	12	2	22	1	0∞	10	2·5	9·0	82	Very fine. ● from 22 h.
8	1013·5	1017·6	85·8	84·4	89	84	2·2	0·7	11·2	12·2	75	90	24	4	20	2	3	2	—	9·8	84	Squally. ⌓ p.
9	1018·6	1015·2	86·4	84·7	89	82	2·4	0·0	11·2	13·6	73	100	16	3	10	2	7	10	1·0	11·3	n 80	⌓ a. Very fine. ● 20 h.
10	1009·8	1009·8	86·9	85·3	87	84	0·1	0·1	15·6	14·2	99	99	16	5	26	2	10≡	10	2·5	—	85	Squally. ≡ till 21 h. ● showers [p.
11	1013·2	1011·8	87·9	86·9	90	84	2·1	0·0	12·9	15·9	77	100	12	1	10	3	7	10●	8·1	6·2	84	● showers after 16 h.
12	1010·8	1013·2	87·1	85·5	89	85	0·2	0·3	15·6	13·9	97	96	14	2	26	3	10≡●	10	5·2	—	85	● showers p.
13	1018·9	1021·3	86·6	86·0	90	84	1·4	0·9	12·9	13·2	84	90	26	4	26	2	7	8⌓	—	7·8	83	Very fine.
14	1020·3	1021·3	91·3	89·6	95	84	2·2	3·8	16·3	11·9	78	63	12	2	30	5	0∞	2	—	12·0	84	Distant T. Very fine.
15	1023·0	1023·7	91·3	89·0	x 97	87	2·2	1·0	16·3	15·9	78	89	24	1	24	2	0∞	2	—	10·8	86	Very fine.
16	1023·3	1022·0	92·4	90·7	x 97	86	2·0	1·6	18·0	17·0	80	84	24	1	28	2	0∞	4	—	11·2	85	Very fine.
17	1022·0	1021·0	89·3	86·3	91	86	1·5	0·5	15·6	14·2	84	93	4	3	32	1	3	7	—	6·8	87	Very fine, but squally.
18	1017·9	1018·3	86·0	85·0	88	83	1·7	0·8	11·9	12·6	81	90	28	2	30	3	8	4	—	6·8	82	Squally.
19	1017·2	1016·6	86·3	86·9	90	n 81	2·1	0·9	11·9	13·9	76	89	30	4	28	3	2	7	—	9·9	n 80	Squally. Very fine from 15 h.
20	1015·9	1016·2	91·8	88·8	94	n 81	3·1	1·8	14·9	14·2	70	81	30	3	4	6	6	7	0·9	6·5	85	Very fine before 13 h.
21	1016·2	1016·9	88·6	86·6	92	86	2·3	1·8	13·6	12·2	76	79	4	5	4	4	10	8	—	0·6	86	Dull and squally.
22	1017·6	1016·6	87·5	86·3	90	85	2·1	0·5	12·6	14·2	77	93	6	3	6	2	7	10	—	0·5	84	Dull.
23	1015·2	1014·2	85·3	86·5	87	85	0·8	0·2	12·9	14·9	90	98	10	3	10	6	10●	10●	5·3	—	84	Squally. ● showers after 21 h.
24	1013·8	1012·5	87·3	87·9	91	85	0·4	0·9	15·3	14·9	94	90	10	4	8	2	10	10	1·2	2·8	84	ꓘ 7 h.–9h. ●^{0} showers.
25	1009·4	1010·5	89·1	87·3	92	87	0·5	1·1	17·0	14·2	94	87	8	3	18	1	10	7⌓	0·3	5·7	85	Very fine.
26	1011·5	1011·5	88·1	85·2	90	85	1·0	1·1	14·9	12·2	89	86	14	2	Calm	0	8	1⌓	2·9	5·2	84	Very fine.
27	1007·4	1003·3	87·4	88·0	91	85	0·0	0·5	16·3	15·9	100	95	6	2	6	1	10●	10	15·5	0·4	82	Dull.
28	994·2	993·5	86·9	85·2	89	85	0·5	0·0	14·9	14·2	94	100	20	4	20	3	10	10	5·9	0·6	86	● showers.
29	993·5	992·2	85·8	84·7	87	84	1·3	0·0	12·6	13·6	85	100	20	5	20	7	8	10●	11·6	3·3	82	● showers.
30	1000·6	1006·1	85·2	83·9	88	84	1·1	1·4	12·2	10·9	86	84	24	5	24	3	9	8	0·9	6·0	84	Squally.
31	1002·7	996·2	85·2	82·5	87	82	1·0	0·1	12·2	11·9	88	99	18	2	32	3	8	10●	19·6	0·5	81	Dull a. ● p.
Mean	1014·2	1014·0	87·4	86·3	90·2	84·2	1·4	0·9	13·8	13·7	84	90	3·1		2·6		6·8	7·0	83·4	5·72	83·5	
Mean Barometer at Station Level.	1003·8	1003·7																				

STONYHURST, LANCASHIRE, a.—JULY 1912.

Heights above Mean Sea Level:—Station, H = 114·3 m.; Barometer, H_b = 110·6 m. Heights above Ground:—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 53° 51′ N. Long. 2° 28′ W. *Time*, Local mean time.

Day	Bar. 9 h.	21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. 9 h.	21 h.	V.P. 9 h.	21 h.	% 9 h.	21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 9 h.	21 h.	Rain	Sunshine	Min. Grass	Remarks
1	1009·8	1012·8	86·9	85·8	89	84	1·7	1·4	12·9	12·2	81	84	24	5	32	2	10	10	5·1	0·4	81	Showers all day. Frequent T.
2	1013·8	1014·5	86·3	85·1	87	84	2·0	2·2	11·9	10·5	77	75	26	3	2	3	10●	10	3·9	0·1	80	● showers. Frequent T.
3	1016·9	1023·0	86·3	85·0	89	84	1·6	1·4	12·6	11·5	81	82	4	4	4	3	10	8	—	3·1	82	Sunny intervals.
4	1026·0	1027·7	86·4	85·2	90	83	2·4	1·6	11·2	11·2	73	80	6	2	—	0	9≡^{0}	0≡^{0}	—	3·1	81	Fair, but very cloudy.
5	1027·4	1024·3	85·8	86·9	90	84	1·9	2·0	11·5	12·2	78	77	10	2	—	1	9≡^{0}	10	—	2·0	80	Fair.
6	1020·6	1016·2	87·4	86·7	92	84	2·2	1·5	12·6	12·9	76	83	2	2	—	1	7≡^{0}	5	—	8·2	81	Fine.
7	1013·8	1013·8	90·0	89·0	95	83	2·9	1·8	13·6	14·6	71	81	—	1	22	2	0≡^{0}	10	4·4	11·2	n 79	Fine and warm.
8	1013·5	1018·6	86·9	85·2	89	85	1·7	1·3	12·9	11·9	81	83	22	4	—	1	10●	1	—	8·0	82	● showers a. Fine p.
9	1019·6	1016·6	88·6	89·1	92	n 82	2·6	3·3	12·9	12·2	73	67	16	2	16	2	7	8	—	8·1	n 79	Fine and warm.
10	1012·1	1010·8	89·1	90·2	94	87	2·2	1·9	13·9	15·6	77	80	16	6	18	4	9≡^{0}	10≡^{0}	1·1	0·7	86	Fair.
11	1013·2	1013·8	88·6	90·2	94	89	0·7	1·0	16·3	17·3	93	89	22	3	—	1	10●	10	1·1	1·5	86	8 h.–10 h. T in evening.
12	1011·8	1012·5	92·2	90·1	97	89	2·5	1·5	16·6	16·3	75	83	10	3	—	1	4≡^{0}	10	—	1·4	87	Distant T. ꓘ 22 h. 30 m.
13	1017·6	1020·6	89·4	88·6	94	88	1·7	1·0	15·3	15·6	82	90	26	3	—	0	7≡^{0}	0≡^{0}	—	5·0	85	Cloudy till noon.
14	1019·3	1020·3	94·4	93·9	100	86	2·5	1·7	19·3	20·3	75	83	—	1	—	1	0	0≡^{0}	—	12·4	84	Very fine.
15	1022·3	1024·0	96·1	94·1	x101	89	3·5	3·0	19·3	18·0	69	71	2	2	—	1	0	0≡^{0}	—	10·5	*84*	Fine.
16	1023·3	1021·6	95·2	93·2	100	88	2·0	2·1	21·4	18·6	81	79	2	2	2	2	0	0	—	11·2	85	Fine.
17	1022·0	1019·9	91·5	88·0	94	86	2·4	1·7	15·9	13·9	76	82	4	3	4	2	0≡^{0}	10≡^{0}	—	4·8	86	Fine, but much cloud.
18	1015·9	1016·9	89·0	85·7	91	86	2·7	3·3	13·2	9·5	73	65	24	3	2	2	5≡^{0}	5≡^{0}	0·3	5·3	85	Sunny through mist.
19	1015·2	1013·2	84·1	86·7	89	n 82	2·2	2·0	9·8	12·2	74	77	30	3	32	6	10●	8	—	0·8	80	Sunny intervals. ●^{0} showers.
20	1014·2	1014·9	88·3	88·8	94	86	1·9	1·5	13·9	14·9	80	85	2	4	4	2	9	6	—	1·5	81	Dull a.
21	1015·9	1016·2	87·8	86·9	90	86	2·2	1·7	12·9	12·9	76	81	2	3	6	4	10	10	—	0·9	85	Fair, but much cloud.
22	1017·6	1017·2	85·8	84·7	89	84	1·6	1·5	11·9	11·2	82	82	4	3	6	3	10	10	1·3	0·3	83	Dull and cloudy.
23	1016·2	1015·2	84·4	85·9	89	83	0·8	0·8	11·9	13·2	89	90	4	2	6	3	10	10●	9·2	0·1	82	●^{0} 6 h.–8 h.
24	1014·5	1013·2	88·0	88·6	92	85	0·9	1·1	15·3	15·6	90	89	4	2	—	1	8	5	1·3	0·3	84	Misty. Frequent distant T.
25	1010·1	1010·8	90·2	88·0	95	88	1·3	1·6	16·6	13·9	85	83	—	1	—	0	10	5	—	0·7	86	Fair, but very cloudy. Dis[tant T.
26	1012·1	1011·8	90·0	89·0	94	86	2·9	1·7	13·6	14·9	71	83	18	3	—	0	7	4	6·1	3·1	82	Fine. T
27	1008·1	1003·7	87·4	89·0	90	85	0·5	1·1	15·3	15·9	93	89	2	2	2	2	10	6	19·0	0·8	84	ꓘ^{2}●^{2} 15 h. 30 m.
28	995·6	995·6	87·2	86·7	90	85	0·9	1·7	14·6	12·6	90	81	20	4	16	7	10●^{2}	10●	19·3	0·8	85	●^{2} 4 h.–5 h. and 10 h.–12 h. Sunny intervals.
29	995·6	995·6	85·4	85·8	89	n 82	1·8	2·2	11·2	11·2	78	75	16	7	18	6	10	10	24·7	1·0	81	ꓘ▲^{2}● 11 h.
30	999·3	1006·7	85·8	84·5	87	84	0·6	1·5	13·6	11·2	93	82	24	5	18	2	10	5	0·6	1·7	80	●^{2} a.
31	1004·4	994·2	86·3	84·7	87	n 82	2·2	0·6	11·5	12·6	75	93	16	5	—	1	10	10●	23·5	—	80	Slight passing drizzle.
Mean	1014·1	1014·1	88·4	87·8	92·0	85·1	1·9	1·7	14·0	13·7	80	81	3·1		2·1		7·5	6·6	120·9	3·52	82·8	
Mean Barometer at Station Level.	1000·9	1000·9																				

* Metres per second. † Beaufort Scale (0—12).

SHREWSBURY, SHROPSHIRE.—JULY 1912.

Heights above Mean Sea Level:—Station, H = 57·9 m.; Barometer, H_b = 64·7 m. Heights above Ground:—Therms., h_t = 1·2 m.; Rain-gauge, h_r = 0·3 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200 + °	
1	1010·8	1012·5	87·7	85·9	89	85	2·4	1·7	12·6	11·9	74	81	28	4	28	4	10	10	1·0	—	83	●^{0} shower a. Dull all day.
2	1014·2	1013·2	87·0	84·7	89	84	1·8	0·6	12·9	12·6	80	93	28	2	32	3	10	10	1·0	—	82	Dull, with ● showers.
3	1014·5	1020·6	85·9	86·3	90	84	0·7	1·1	13·6	13·2	92	87	30	2	2	1	10	10	—	—	82	Dull.
4	1024·3	1026·0	86·9	85·8	91	85	1·6	0·8	12·9	13·2	82	90	2	1	4	1	10	10	—	—	82	Beautiful day.
5	1025·7	1023·0	87·0	86·3	91	84	1·8	0·5	12·9	14·2	80	93	4	1	6	1	10	10	—	—	82	Cloudy.
6	1019·6	1014·5	87·5	88·0	94	85	1·2	1·1	14·2	14·9	86	88	4	2	4	2	10	6	—	—	84	Beautiful day.
7	1013·5	1015·2	91·3	87·4	97	83	2·4	1·6	15·6	13·2	76	81	24	2	24	2	0	10	1·3	—	80	Beautiful day.
8	1014·2	1019·3	88·6	85·0	92	85	0·6	2·0	16·6	10·9	94	77	24	3	24	2	10	2	—	—	84	
9	1019·6	1016·9	88·9	88·7	93	n 79	3·0	1·3	12·6	15·3	70	87	20	2	20	3	3	10	—	—	n 77	
10	1012·5	1011·8	89·8	90·9	96	87	2·0	1·9	14·9	16·3	80	80	20	4	20	4	10	10	—	—	85	Very close. Dull evening.
11	1013·8	1014·2	91·3	91·2	91	89	1·2	1·3	18·3	18·0	87	85	18	1	20	2	8	8	—	—	87	Dull.
12	1011·5	1012·8	92·5	90·7	96	88	1·8	1·3	18·3	17·3	81	87	20	1	20	1	7	7	—	—	86	Dull and warm.
13	1017·6	1021·0	88·7	87·0	93	87	1·4	0·7	14·9	14·6	86	92	28	1	28	2	8	8	—	—	84	Dull and warm.
14	1019·3	1020·3	92·5	90·2	99	86	2·3	0·8	17·3	17·6	77	91	28	2	30	1	5	5	—	—	83	Bright.
15	1022·0	1023·7	93·5	93·7	x104	85	2·4	1·5	18·3	20·3	77	85	30	1	4	1	5	5	—	—	84	Bright and warm.
16	1022·3	1019·9	95·2	94·2	102	82	3·9	2·4	17·3	19·3	65	76	4	1	8	1	0	0	—	—	*84*	Bright and warm.
17	1021·6	1016·2	91·8	91·3	99	84	2·7	1·3	15·9	18·0	74	86	12	2	12	1	1	5	0·3	—	*85*	Bright and warm.
18	1016·9	1015·5	87·6	87·4	91	87	1·5	1·5	13·9	13·6	83	82	30	2	28	1	5	8	—	—	87	Bright a.
19	1014·5	1013·5	87·9	87·3	89	81	3·8	1·4	10·5	13·6	62	83	30	3	28	2	7	10	2·5	—	80	●^{0} showers to ●.
20	1013·5	1013·5	87·2	90·1	94	85	0·3	1·0	15·6	17·3	96	89	32	1	28	1	10	10	2·5	—	84	Dull p.
21	1014·2	1014·5	87·4	88·7	91	87	0·1	0·2	16·3	17·3	99	98	2	1	4	1	10	10	—	—	86	Fair, but dull p.
22	1015·9	1015·5	88·6	86·2	90	85	0·7	1·1	16·3	14·6	93	96	4	2	4	1	10	10	4·6	—	86	Dull. ●^{0} p.
23	1014·5	1013·5	85·8	87·0	90	84	0·2	0·1	14·2	15·6	98	99	4	1	4	1	10	10●	7·9	—	84	Dull a. ● p.
24	1013·5	1011·8	90·0	88·6	94	85	1·1	0·1	17·0	17·3	88	99	12	1	8	1	8	1	—	—	82	Dull, with ●^{0} showers.
25	1010·1	1010·8	90·9	88·7	94	85	1·8	1·2	16·6	15·6	81	88	12	1	12	1	2	3	—	—	84	Fine.
26	1012·5	1011·5	89·7	89·2	94	84	1·8	1·2	15·3	15·9	81	87	18	1	16	1	8	9	2·5	—	81	Dull a.
27	1006·7	1002·3	89·1	90·3	95	86	0·2	0·5	17·6	18·3	97	94	20	1	16	1	10	9	11·7	—	85	Bright intervals.
28	998·3	997·9	87·7	86·7	91	86	1·1	0·9	14·9	13·9	90	89	20	2	16	4	9	10●	7·6	—	85	● showers.
29	998·3	998·3	85·2	85·5	90	84	0·6	0·8	12·9	12·9	92	90	12	3	16	4	10●	9	3·6	—	82	● showers.
30	1002·3	1009·1	88·1	85·2	90	85	1·7	0·8	13·9	12·6	82	90	24	3	24	2	7	3	—	—	83	
31	1005·7	993·5	85·2	86·1	87	84	0·3	0·2	13·6	14·6	96	97	12	2	12	1	10●	9●	6·4	—	82	
Mean	1014·0	1013·6	89·0	88·2	93·1	84·8	1·6	1·1	15·1	15·3	84	88	1·8		1·7		7·5	7·6	52·9	—	83·4	
Mean Barometer at Station Level.	1006·3	1005·9																				

CAMBRIDGE, a.—JULY 1912.

Heights above Mean Sea Level:—Station, H = 12·8 m.; Barometer, H_b = 13·1 m. Heights above Ground:—Therms., h_t = 1·2 m.; Rain-gauge, h_r = 0·3 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local mean time.

Day	Bar. 9 h.	21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. 9 h.	21 h.	V.P. 9 h.	21 h.	% 9 h.	21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	21 h.	Rain	Sunshine	Min. Grass	Remarks
1	1010·1	1010·5	88·0	86·5	92	84	1·7	1·3	13·9	13·2	82	85	24	1	20	2	10	10	2·0	2·0	82	●^{0} 11 h. Overcast and gloomy.
2	1011·8	1010·1	86·8	84·4	88	84	1·8	0·2	12·6	13·2	80	97	24	2	24	3	10	10●^{0}	8·1	—	84	● early and most of day.
3	1011·8	1018·6	87·5	86·9	91	84	1·2	0·8	14·2	14·2	86	90	12	2	32	2	10∞	10	—	2·5	84	Sunny intervals from 13 h.
4	1023·0	1025·4	86·9	86·2	91	86	1·1	0·7	13·9	13·9	87	92	32	3	32	2	10	7	—	6·5	84	Sunny from 11 h. 30 m.
5	1025·4	1022·0	88·0	87·4	92	84	1·7	0·8	13·9	14·9	82	90	32	3	2	3	10	0	—	3·4	82	Sunny from 14 h. 30 m.
6	1017·6	1012·8	90·7	90·2	96	87	2·7	1·5	14·6	16·3	73	83	4	4	32	4-5	9	9	15·2	9·0	85	Fine and sunny.
7	1011·8	1014·2	86·5	89·7	94	86	0·2	1·7	14·9	15·6	98	82	24	2	16	2	10●^{2}	10	2·5	3·0	86	●^{2} early and 8 h. 30 m.–9 h. 15 m.
8	1016·2	1018·3	91·3	88·0	94	85	3·1	2·2	14·6	12·9	70	76	20	4-5	22	2	9	8	—	4·0	84	Sunny intervals.
9	1020·3	1018·3	89·7	88·7	95	n 80	3·9	1·2	11·9	15·6	62	88	4	2	Calm	0	0	10	—	10·5	78	Beautiful day.
10	1015·2	1014·2	92·5	90·2	99	87	2·3	2·8	17·3	13·9	77	72	12	4	16	2	8	8	—	4·0	87	Fine most of day.
11	1016·2	1016·2	92·0	89·6	97	88	2·3	0·5	16·6	17·6	77	94	20	3	Calm	0	9	0	—	3·9	86	Sunny intervals.
12	1013·5	1011·5	97·9	96·4	x104	86	4·4	2·8	19·7	21·0	62	73	16	2	16	3	0	4	—	12·0	84	Beautiful day.
13	1015·2	1016·9	95·7	92·2	99	89	3·6	1·4	18·6	19·0	68	85	32	1	32	2	6∞	5	0·5	10·0	86	T 11 h.–14h. ꓘ 14h.–14h. 30m.
14	1017·6	1018·6	90·2	93·1	99	88	1·1	0·9	17·3	21·4	89	91	32	2	32	1	10∞	0	—	8·5	88	Sunny from 10 h.
15	1021·0	1021·6	95·8	93·6	103	87	3·4	3·4	19·3	16·6	70	68	2	2	32	2	0∞	0	—	12·1	85	Beautiful day.
16	1021·0	1019·6	95·9	93·8	102	87	3·5	4·5	19·0	14·9	70	61	32	2	4	1	0∞	0	—	12·5	85	Beautiful day.
17	1019·6	1017·6	89·7	88·6	98	87	1·8	1·5	15·3	14·6	81	84	32	4	32	1	9	0	—	9·5	86	Fine and sunny.
18	1014·5	1013·5	89·2	84·4	92	85	1·8	1·9	14·9	10·5	81	78	30	2	32	2	10∞	0	—	0·6	83	Gloomy most of day.
19	1011·1	1010·5	85·1	85·0	87	81	2·1	0·9	10·5	12·6	75	89	28	3-4	32	2	10	10	5·3	—	80	●^{0} at intervals.
20	1011·5	1012·1	87·4	86·3	91	84	1·4	0·6	13·6	14·2	83	92	2	1	Calm	0	10	10	0·3	0·2	82	Overcast most of day.
21	1012·8	1014·5	91·8	88·1	95	86	4·3	1·2	13·2	14·6	62	87	Calm	0	Calm	0	4	10	—	4·5	85	Fine and sunny a.
22	1014·9	1014·5	90·2	87·6	94	84	1·7	0·6	15·9	15·3	82	92	24	1	Calm	0	10	0	0·3	—	81	Gloomy. ●^{0} a. and p.
23	1014·2	1013·8	91·3	89·3	96	85	2·4	1·2	15·6	15·9	76	87	12	1	12	2	10	10●^{0}	0·3	1·0	82	Overcast most of day.
24	1013·2	1012·8	92·5	91·3	99	87	2·0	2·6	18·0	15·3	80	74	14	1	Calm	0	4	6	1·5	5·0	85	●^{0} early. Fine and sunny.
25	1010·5	1011·8	90·9	88·6	97	88	0·8	1·6	18·6	14·6	92	83	Calm	0	20	1	10	0	0·3	4·2	86	Overcast from 14 h.
26	1014·5	1012·5	90·4	90·2	96	84	2·2	2·7	15·3	14·2	77	73	20	1	Calm	0	3	10	3·6	3·0	80	Sunny intervals.
27	1007·8	1004·4	92·2	89·1	97	89	2·1	1·6	17·6	15·3	79	83	12	1	Calm	0	10	0	0·5	4·0	86	Sunny from 9 h.
28	1001·3	1002·7	90·5	87·2	94	87	3·1	2·0	13·9	12·6	70	78	16	5	16	6	9●	0	0·5	4·7	84	Sunny intervals.
29	1002·3	1002·3	88·9	86·1	90	86	2·8	1·4	12·9	12·6	72	84	16	5	20	5	10	10	4·1	—	83	Overcast.
30	1003·0	1009·1	89·7	85·5	90	84	2·9	2·5	13·2	10·5	71	72	20	4	Calm	0	7	0	—	5·8	n 76	Overcast 12 h.–16 h. [30 m.
31	1008·1	996·6	86·7	88·3	89	n 80	1·8	0·9	12·6	15·6	79	91	16	2	16	3	10●^{0}	5	3·8	—	n 76	Gloomy. ● 14 h. 30 m.–16 h.
Mean	1013·8	1013·5	90·4	88·8	94·9	85·4	2·3	1·6	15·3	14·9	77	83	2·3		1·7		7·6	5·2	48·8	4·72	83·4	
Mean Barometer at Station Level.	1012·2	1011·9																				

† Beaufort Scale (0—12).

SOUTHAMPTON, HAMPSHIRE, a.—JULY 1912.

Heights above Mean Sea Level :—Station, H = 19·5 m. ; Barometer, H_b = 25·6 m. Heights above Ground :—Therms., h_t = 1·37 m.
Rain-gauge, h_r = 0·3 m. Lat. 50° 55′ N. Long. 1° 24′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or *Velocity* (*metres per second.*) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200+ °	
1	1012·1	1013·2	87·4	86·5	92	85	1·3	1·4	13·9	12·9	85	84	28	1	28	2	10	8	9·5	3·1	84	▲² shower 11 h. ● showers
2	1013·8	1013·2	86·9	86·0	91	84	1·6	0·3	12·9	14·2	82	97	28	2	28	2	10	10●	6·6	1·0	83	● from 15 h. 30 m. [17 h.–19 h.
3	1012·1	1017·6	86·3	87·7	91	85	1·0	1·0	13·6	14·6	89	88	28	2	4	2	10	10	—	0·9	85	● early *a*. Dull.
4	1022·7	1025·0	89·1	88·0	92	85	2·1	1·6	13·9	13·9	78	83	4	2	4	1	10	2	—	5·6	84	Fine.
5	1023·7	1019·6	89·7	90·4	95	84	2·3	2·5	14·6	14·6	77	74	4	2	4	2	8	1	—	6·3	82	Fine.
6	1015·9	1013·2	92·4	89·0	96	86	3·5	1·0	14·9	15·9	67	89	4	4	12	1	5∞⁰	10	13·3	3·7	85	K● *p*. ▲² 14 h.
7	1014·9	1017·2	89·8	90·0	96	86	1·7	1·6	15·6	15·9	82	83	28	2	28	1	10	10	1·3	5·0	84	Bright intervals. ● *p*.
8	1018·9	1020·3	90·0	88·6	91	86	2·5	1·0	14·2	15·9	75	90	20	2	20	1	8	8	—	1·8	85	Fine to cloudy and threatening.
9	1021·6	1019·3	89·7	88·7	93	84	4·1	1·3	11·5	15·3	60	86	4	1	12	1	2	7	0·4	7·8	82	Fine and warm. ●⁰ 17 h.
10	1015·2	1016·9	92·5	89·1	95	88	2·2	1·0	17·6	15·9	78	89	20	1	20	1	3∞⁰	4	—	4·8	87	● showers till 6 h.
11	*1015·9*	1016·6	89·1	89·8	93	87	0·8	1·1	16·6	16·6	91	88	20	1	20	1	10	0	—	2·5	87	Dull and close. ⌓ *p*.
12	1012·8	1013·2	95·2	91·4	97	87	3·2	1·5	19·0	17·6	70	84	12	1	20	1	4	8	1·4	8·0	86	Fine and warm.
13	1016·2	1016·6	91·3	92·8	95	87	1·5	1·4	17·3	19·7	84	85	12	1	28	1	8	8	3·3	2·3	87	● 4 h.–6 h. and 10 h.–12 h.
14	1018·9	1018·3	93·6	96·6	101	90	2·2	2·1	19·0	23·4	79	80	4	2	32	2	8∞⁰	8∞⁰	—	8·8	89	Very fine and warm.
15	*1018·3*	1019·9	98·5	95·9	*x*104	91	4·4	2·8	20·3	20·7	63	75	4	1	4	2	0∞⁰	0∞⁰	—	13·0	89	Very fine and warm.
16	1018·9	1017·9	97·4	95·3	103	90	4·6	4·7	18·6	15·9	61	58	4	2	4	3	0∞⁰	0∞⁰	—	12·3	88	Very fine and warm.
17	1018·3	1016·2	93·5	93·6	100	90	3·7	2·6	15·6	18·0	65	75	4	3–4	4	4	0∞⁰	0∞⁰	—	12·3	88	Very fine and warm.
18	1014·5	1013·8	90·2	88·1	95	87	2·8	2·8	13·9	12·2	72	71	4	2	32	5	0∞⁰	8	—	4·8	85	Bright intervals.
19	1015·9	1012·1	88·0	86·9	91	*n* 82	3·8	1·7	10·5	12·6	62	80	4	3	28	4	3	10	1·4	6·3	*n* 79	Fine *a*. ● 14 h.–15 h.
20	1012·1	1012·5	88·0	88·1	94	84	2·1	1·0	13·2	14·9	77	89	28	2	28	2	5	10●	0·4	5·9	81	● till 2 h. Fine *a*.
21	1013·2	1014·9	91·9	89·3	94	87	3·2	2·8	14·9	13·2	69	72	20	2	12	1	8	5	—	7·2	86	Fine.
22	1015·5	1014·2	90·2	88·7	92	85	2·7	1·3	14·2	15·3	73	86	12	1	12	1	10	8	0·3	0·1	83	Cloudy.
23	1013·5	1013·5	91·1	89·2	92	86	2·4	1·7	15·6	14·9	76	82	12	2	20	1	10	10	2·0	0·5	84	● till 1 h. Cloudy and close.
24	*1012·1*	1012·8	92·4	91·3	96	87	2·4	1·7	17·0	17·3	76	83	12	2	12	1	10	8	—	4·7	86	Fine.
25	1011·1	1013·5	91·9	88·7	94	88	3·5	1·1	14·2	15·6	66	89	20	1	20	2	6∞	0∞	—	8·2	86	Fine.
26	1015·5	1011·1	91·4	89·6	94	86	2·7	1·6	15·3	15·6	73	83	20	1	8	1	7∞	10	9·4	5·7	85	K⁰ 23 h. ● from 22 h. 30 m.
27	1008·8	1001·7	91·4	89·9	94	89	1·5	1·2	17·6	16·6	84	87	20	1	4	4	10	10	7·0	5·4	87	● till 3 h. 30 m. and from 22 h.
28	1005·7	1003·7	89·7	87·5	91	87	2·7	1·0	13·6	14·6	73	88	20	3	20	4	10	10●	5·3	6·1	86	● till 3 h. ● showers.
29	1004·7	1004·7	87·2	86·4	90	85	0·8	0·9	14·6	13·6	91	89	20	4	20	4	10●	10	9·1	0·1	85	Dull and cool. ● showers. [20 h.
30	1005·4	1012·1	89·1	85·8	92	85	5·2	1·7	9·5	11·9	52	80	20	3	24	2	4	0	3·1	6·0	84	● *p*.
31	1009·8	998·9	87·4	88·6	90	*n* 82	1·0	0·7	14·2	16·3	88	93	20	2	20	6	10●	10●	7·9	0·5	80	● 10 h.–15 h. ● showers from
Mean	1014·5	1014·0	90·7	89·6	94·3	86·3	2·6	1·6	15·1	15·7	75	83	1·9		2·1		6·7	6·5	81·7	5·18	84·9	
Mean Barometer at Station Level.	1011·4	1010·9																				

FALMOUTH, CORNWALL, a.e.—JULY 1912.

Heights above Mean Sea Level :—Station, H = 50·9 m. ; Barometer, H_b = 55·8 m. Heights above Ground :—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·6 m Lat. 50° 9′ N. Long 5° 4′ W. *Time*, Greenwich mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. 9 h.	21 h.	Vap. 9 h.	21 h.	% 9 h.	21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 10 h.	Cloud 22 h.	Rain 10 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
1	1016·6	1017·2	86·5	86·4	89	85	1·3	1·0	12·9	13·6	84	88	28	6	28	5	9	9	5·3	8·4	—	Bright. ●⁰ in evening.
2	1016·9	1016·9	86·3	86·5	89	85	1·0	1·5	13·6	12·6	89	82	32	4	30	3	9	10●	—	8·8	—	Frequent ● showers early.
3	1014·5	1016·2	87·2	87·4	89	85	1·4	1·1	13·6	14·2	84	88	30	5	6	3	10	10	—	1·0	—	Overcast most of day.
4	1022·3	1024·3	88·9	87·9	91	86	2·5	1·6	13·6	13·9	75	83	4	3	—	1	10	0	—	8·3	—	Generally sunny.
5	1023·3	1018·9	88·0	89·4	91	85	1·8	2·0	13·6	14·6	81	79	6	3	—	1	5	0	11·4	9·1	—	Bright and warm.
6	1015·2	1014·5	87·9	87·5	91	87	1·0	0·6	14·9	15·3	88	92	4	3	30	3	10	10	3·6	0·2	—	Overcast and close, with ●.
7	1016·9	1018·9	89·1	87·4	90	86	1·7	1·1	14·9	14·2	83	88	26	5	20	4	2	10	2·3	7·5	—	Sunny *a*. Cloudy *p*.
8	1018·6	1021·6	85·8	85·6	90	84	0·4	2·0	13·9	11·2	95	77	30	3	—	1	10	0	0·5	5·3	—	●⁰ early *a*. Bright *p*.
9	1020·3	1017·2	86·3	87·1	89	*n* 82	0·5	0·2	14·2	15·6	93	97	10	3	16	2	10	10●⁰	8·1	—	—	Dull *a*. ● *p*.
10	1013·5	1014·2	88·4	88·4	91	87	0·4	0·4	16·6	16·6	96	96	16	3	18	5	10	10	6·4	0·4	—	Dull with ≡⁰ and drizzle.
11	1014·9	1014·5	88·8	88·4	91	88	0·1	1·0	17·6	15·6	99	90	18	4	18	2	10●⁰	5●	1·0	1·4	—	● early. Dull and close.
12	1010·8	1015·5	88·2	86·3	90	85	0·6	0·7	15·9	13·9	94	91	16	2	—	1	10●⁰	5	5·6	—	—	Dull and damp *a*. ● *p*.
13	1018·6	1020·3	88·1	86·7	90	86	2·0	1·3	13·6	13·2	79	85	30	4	32	4	7	5	—	4·9	—	Sunny early. Cloudy from 11 h.
14	1017·9	1018·9	90·6	89·3	*94*	87	1·6	0·7	16·6	17·0	82	92	32	3	30	3	6	0	—	7·7	—	Fine and sunny.
15	1019·3	1019·6	95·8	94·3	*x* 97	89	2·2	3·5	21·7	17·0	79	68	—	1	—	1	0∞	1	—	11·9	—	Very bright, hot, and close.
16	1017·9	1017·2	96·1	94·1	*x* 97	92	5·1	4·0	16·3	15·9	58	64	4	3	—	1	0	0	—	12·4	—	Very bright and warm.
17	1016·2	1016·2	94·2	91·5	*x* 97	90	3·2	1·9	17·6	17·0	71	80	—	1	30	2	0	0	—	9·1	—	Fine and warm.
18	1016·2	1016·2	89·1	86·8	90	86	1·1	2·6	15·9	11·2	89	72	32	6	32	5	6	0	—	7·4	—	Fair *a*. Bright *p*.
19	1017·6	1016·6	88·0	85·8	89	85	2·8	2·1	11·9	11·2	71	76	32	4	32	3	7	0	1·3	9·4	—	Cloud and sunshine.
20	1013·5	1014·5	86·9	87·3	91	86	0·6	0·7	14·6	14·9	92	92	32	5	30	3	10	0	—	5·1	—	● early. Fair *a*. Fine *p*.
21	1012·8	1013·2	88·6	89·1	93	86	0·7	0·9	16·3	16·3	93	91	32	4	8	2	10	10	14·7	0·9	—	Generally overcast.
22	1013·2	1013·5	88·5	88·5	90	88	0·5	1·0	16·6	15·6	95	90	10	3	8	2	10	10	8·1	—	—	●² 5 h.–9 h. Overcast.
23	1011·8	1010·5	88·7	88·1	91	87	1·2	0·7	15·6	15·6	88	93	20	3	14	4	10	10	3·1	1·8	—	Sunny midday. ● *n*.
24	1009·8	1009·4	90·4	88·6	92	87	1·3	1·2	17·0	15·3	86	88	14	3	16	3	10	5	3·8	6·9	—	Fair to bright.
25	1008·1	1011·5	89·7	88·0	92	87	1·2	0·6	16·3	15·6	87	93	18	3	20	3	7	5	—	7·0	—	Much passing cloud.
26	1011·5	1009·8	90·8	88·0	92	87	1·7	0·5	16·6	15·9	82	95	16	2	—	1	7	7	1·0	3·5	—	Bright early.
27	1005·0	1003·0	88·9	86·9	91	86	0·5	0·4	17·0	14·9	94	95	—	1	—	1	10	10●	9·9	—	—	Gloomy. ● *n*.
28	1002·7	1004·0	88·3	85·7	90	85	1·1	0·8	15·3	13·2	88	91	20	6	22	4	8	9	5·1	6·6	—	Frequent ●² showers.
29	1003·7	1004·0	86·4	86·4	88	85	0·6	1·2	14·2	13·2	92	86	20	8	22	6	10	0	3·8	—	—	Dull and showery.
30	1007·4	1012·8	87·9	85·9	90	85	1·6	1·3	13·9	12·6	83	85	28	3	22	2	10●	1	11·7	7·1	—	Fair *a*. Bright *p*.
31	1001·7	1001·3	86·8	85·4	90	85	0·3	0·7	15·3	12·9	97	91	14	3	28	4	10●	10	2·5	2·6	—	Wet and stormy.
Mean	1013·8	1014·3	88·9	87·9	91·2	86·3	1·4	1·3	15·4	14·5	86	86	3·5		2·7		7·8	5·2	109·2	4·99	—	
Mean Barometer at Station Level.	1007·2	1007·6																				

* Metres per second. † Beaufort Scale (0—12).

ARMAGH, a.—JULY 1912.

Heights above Mean Sea Level :—Station, H = 59·8 m. ; Barometer, H_b = 61·6 m. Heights above Ground :—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or *Velocity* (*metres per second.*) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200+ °	
1	1014·2	1017·2	87·2	84·7	90	84	1·9	1·1	12·6	11·9	79	86	—	1	—	1	10	10	1·5	1·7	83	● showers *a*. Cloudy.
2	1018·3	1019·3	86·1	83·7	87	84	1·8	1·4	11·9	10·9	80	83	—	1	32	2	10	10	—	0·2	84	Overcast.
3	1019·3	1023·7	86·9	84·1	91	80	1·9	0·6	12·6	12·2	79	93	—	1	—	1	10	0	—	3·8	77	Fine.
4	1026·7	1027·4	88·6	84·7	94	80	2·4	0·6	13·2	12·6	75	92	—	1	—	1	0	2	—	12·5	77	Fine.
5	1025·7	1022·3	87·4	86·2	92	81	1·2	0·6	14·2	14·2	86	94	—	1	—	0	10	0	—	1·9	79	Fine.
6	1018·9	1014·5	89·1	87·4	92	*n* 79	2·3	1·1	13·9	14·2	77	87	—	1	—	1	0	0	—	8·0	77	Fine.
7	1013·2	1010·1	87·4	86·6	90	82	1·1	0·5	14·2	14·6	88	94	—	1	18	2	10	10	2·0	—	79	Overcast. ● shower 19 h.
8	1012·8	1016·2	86·3	83·9	90	81	3·2	1·4	10·2	10·9	66	84	20	3	—	1	9	3	0·9	7·5	80	A few light showers.
9	1016·6	1011·5	87·0	86·2	91	82	3·3	1·5	10·5	12·6	65	82	18	3	14	4	8	10	—	6·6	80	Fine.
10	1003·7	1007·8	88·6	85·2	91	85	1·7	0·7	14·2	12·9	82	90	16	7	—	1	10	10	1·7	—	85	Very showery.
11	1011·8	1010·5	88·0	84·7	91	82	3·1	0·6	11·5	12·6	68	93	20	2	12	2	7	10	13·3	7·3	80	Fine till 17 h. 30 m., then ●.
12	1006·7	1013·5	86·7	85·1	89	84	0·2	0·8	15·3	12·6	98	90	20	2	—	0	10●	10	1·8	—	84	● *a*.
13	1020·3	1022·0	87·4	84·5	92	81	2·8	0·9	11·5	11·9	70	88	—	1	—	1	8	0	—	8·2	78	Fine.
14	1021·6	1022·7	90·2	87·2	*x* 96	80	3·5	1·5	12·9	13·2	66	83	—	0	—	0	7	0	—	13·0	78	Very fine and warm.
15	1025·4	1026·0	89·2	85·1	95	81	1·7	1·0	14·9	12·2	82	88	—	1	—	1	9	0	—	10·3	79	Very fine and warm.
16	1024·7	1024·3	88·9	85·2	93	82	2·0	1·1	14·2	12·2	79	87	4	2	—	1	9	1	—	10·6	79	Very fine and warm.
17	1023·7	1023·3	89·0	83·6	93	83	1·7	1·0	14·9	11·2	82	88	—	1	—	1	10	10	—	2·0	80	Cloudy, but dry.
18	1019·9	1019·9	87·9	82·5	91	80	3·0	1·3	11·5	9·8	69	84	30	2	—	1	8	0	—	11·4	77	Fine.
19	1019·3	1019·6	86·1	83·5	91	*n* 79	2·7	1·2	10·5	10·9	71	87	32	2	—	0	10	3	—	7·3	*n* 75	Fine.
20	*1018·3*	1018·3	88·9	85·1	94	80	2·2	1·3	13·9	11·9	78	83	—	1	—	1	10	10	—	3·4	77	Fine.
21	1017·2	1016·2	89·7	87·4	91	84	2·6	1·2	13·9	13·9	74	85	4	2	4	2	8	10	—	1·0	83	Overcast.
22	1017·2	1016·2	86·3	86·2	91	84	1·6	1·3	12·6	12·9	81	85	4	2	—	1	10	8	—	1·6	83	Fine.
23	1014·2	1012·5	85·6	85·7	89	85	1·1	0·8	12·6	13·2	87	90	8	2	—	1	10	10	12·2	—	83	Occasional slight drizzle.
24	1011·5	1011·1	86·7	85·8	91	85	0·2	0·6	15·3	13·6	99	92	12	2	10	2	10	10	1·5	2·5	85	● showers. Occasional T.
25	1007·4	1007·8	90·7	86·5	92	82	2·7	1·1	14·6	13·6	73	87	10	2	14	4	9	7	0·1	7·8	80	Fine.
26	1008·8	1009·1	89·1	87·3	91	84	2·3	1·1	13·9	14·2	76	87	16	3	14	2	10	10	0·6	3·4	81	A few showers.
27	1006·4	1002·7	89·3	88·0	90	84	1·7	0·9	14·9	15·3	82	90	4	2	12	2	10	10	18·0	0·7	82	A few showers.
28	991·8	991·5	86·2	84·6	89	85	0·5	1·1	14·2	11·9	95	87	22	2	22	4	10●	10	12·8	—	82	● most of day.
29	990·1	990·5	85·5	86·1	87	82	2·8	0·6	10·2	13·9	70	94	20	4	—	1	9	10	1·3	2·0	81	Occasional drizzle.
30	1001·0	1005·4	85·2	83·0	89	83	2·1	1·7	10·5	9·8	75	80	—	1	22	2	10	0	2·7	4·6	84	● showers till 13 h.
31	1001·0	997·2	85·8	83·4	87	81	2·4	0·8	10·9	11·2	74	90	20	2	—	0	10	10	0·5	—	80	Occasional drizzle.
Mean	1013·8	1013·9	87·6	85·2	91·0	82·3	2·1	1·0	13·0	12·5	78	88	1·9		1·4		8·7	6·3	70·9	4·49	80·4	
Mean Barometer at Station Level.	1006·4	1006·4																				

MARKREE CASTLE, SLIGO, a.b.—JULY 1912.

Heights above Mean Sea Level :—Station, H = 37·2 m. ; Barometer, H_b = 38·7 m. Heights above Ground :—Therms., h_t = 1·2 m
Rain-gauge, h_r = 0·3 m. Lat. 54° 11′ N. Long. 8° 27′ W. *Time*, Dublin mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. 9 h.	21 h.	Vap. 9 h.	21 h.	% 9 h.	21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine.	Min. Temp. on Grass.	Remarks.
1	1016·6	1019·9	86·2	84·6	87	84	1·2	0·6	12·9	12·6	85	93	24	3	32	3	10	10●	6·4	0·1	83	Cool and showery.
2	1021·0	1021·6	85·1	84·4	87	84	1·0	1·4	12·2	11·2	87	83	32	2	32	2	9	10	—	0·7	83	Overcast and cool.
3	1020·6	1024·0	85·8	84·3	90	84	1·9	0·7	11·5	12·2	78	90	2	2	Calm	0	10	0	—	2·8	82	Fair, but dull.
4	1026·7	1027·4	89·3	84·6	91	79	2·0	0·7	14·6	12·2	79	91	Calm	0	Calm	0	0	2	—	13·5	75	≡² early. Beautiful day.
5	1026·0	1022·3	86·2	86·9	92	79	0·8	1·1	13·9	13·9	91	87	Calm	0	Calm	0	*10*≡	9	—	4·3	76	≡² *a*. Fine.
6	1018·9	1014·9	90·2	86·3	94	82	2·8	0·5	13·9	14·2	72	93	Calm	0	32	1	0	2	—	10·3	79	Fine and warm.
7	1013·5	1010·1	88·9	85·8	90	85	3·1	0·1	12·2	14·6	69	99	24	3	16	1	9	10●	6·4	0·8	83	Fair to 14 h., then ●.
8	1013·2	1017·2	86·3	84·1	90	79	1·7	1·3	12·2	11·2	80	84	20	2	Calm	0	7	9	0·3	9·8	75	Fine generally.
9	1016·2	1010·5	87·4	85·7	90	82	1·7	1·4	13·2	12·2	81	83	12	2	20	1	9	9	2·0	3·3	80	●⁰ showers *a*. Fine and warm *p*.
10	1002·7	1008·4	87·3	83·0	89	82	0·7	1·1	14·9	10·5	92	86	16	3	Calm	0	10	2	4·1	2·6	82	● 9 h.–13 h.
11	1011·1	1009·1	86·9	86·0	91	78	2·8	1·3	11·2	12·6	70	85	20	2	Calm	0	9	9	12·7	5·2	*n* 74	Fine. ●² *n*.
12	1008·1	1016·2	83·6	81·9	86	81	0·6	0·4	11·9	10·9	93	95	28	2	Calm	0	10●⁰	5	0·8	—	82	●⁰ *a*. Fair, but very cold *p*.
13	1021·0	1022·0	86·6	83·0	91	78	1·9	0·6	12·2	11·2	78	93	28	1	Calm	0	7	1	—	11·3	*n* 74	Beautiful day.
14	1021·3	1023·0	90·2	85·2	95	*n* 77	3·3	0·5	13·2	13·2	67	93	20	1	Calm	0	1	1	—	13·0	75	Beautiful day.
15	1025·0	1026·0	90·2	88·2	92	81	2·2	1·1	14·9	14·9	77	88	32	1	32	1	10	10	—	6·3	79	Dull *a*. Bright *p*
16	1025·4	1024·7	89·7	85·8	*x* 96	82	2·3	1·4	14·6	12·2	77	84	Calm	0	Calm	0	0	1	—	14·0	79	Fine and warm.
17	1024·7	1024·3	88·6	84·1	91	81	2·1	1·7	13·9	10·5	78	80	4	1	32	1	9	5	—	4·3	79	Fine.
18	1021·6	1021·6	87·4	84·4	90	82	2·4	2·0	12·2	10·2	74	77	32	3	32	2	9	1	—	11·0	79	
19	1020·6	1021·3	86·9	83·6	89	81	3·3	1·5	10·2	10·5	65	82	2	3	32	1	5	0	—	13·0	76	
20	1020·3	1019·3	87·2	84·4	90	81	2·5	0·8	11·9	11·9	73	89	32	1	32	1	3	7	5·8	11·0	76	Fine, but cool.
21	1017·6	1016·2	86·2	86·2	90	84	0·4	0·4	14·2	14·2	94	94	Calm	0	Calm	0	10●	10	2·0	—	82	● *a*.
22	1016·6	1015·5	87·3	86·3	91	84	1·6	0·5	13·2	14·2	82	93	8	1	Calm	0	10	10	—	0·3	84	Fine and warm.
23	1014·2	1011·8	87·4	87·2	89	85	1·2	1·4	14·2	13·6	86	84	8	1	8	1	10	10	2·0	—	82	● showers.
24	1010·5	1010·1	88·8	86·3	93	85	1·7	0·5	14·6	14·2	82	93	Calm	0	Calm	0	9	9	7·1	1·3	79	K●² showers 13 h.–19 h.
25	1006·4	1006·7	89·1	85·8	92	84	2·0	0·7	14·2	13·6	79	92	8	1	Calm	0	9	1	3·3	4·0	81	● showers.
26	1008·1	1008·8	88·6	84·7	90	83	1·7	0·2	14·2	13·2	82	97	16	1	Calm	0	9	2	8·4	0·8	81	●² showers all day. T noon.
27	1007·1	1002·7	88·2	86·3	90	82	1·3	0·5	14·6	14·2	86	93	4	1	Calm	0	10	9	11·9	—	80	Rainy.
28	994·2	993·2	87·1	83·6	87	83	0·4	1·2	15·3	10·9	95	86	28	1	Calm	0	10●	5	6·9	—	80	Cool. ● all day.
29	990·8	995·2	85·7	85·1	89	81	2·1	1·0	11·2	12·2	76	87	16	3	30	3	5	10	3·1	4·0	77	Squally and showery.
30	1002·7	1006·1	86·0	81·1	88	80	2·4	0·9	10·9	9·5	73	89	28	2	Calm	0	7	3	3·1	5·0	80	Cool and showery.
31	1001·7	1000·3	86·8	84·1	87	*n* 77	0·8	1·2	14·2	11·2	90	85	Calm	0	30	2	10	9	10·2	1·0	76	Fair, but cool.
Mean	1014·3	1014·5	87·4	85·0	90·3	81·6	1·8	0·9	13·2	12·4	80	89	1·4		0·7		7·6	5·8	96·5	4·96	79·1	
Mean Barometer at Station Level.	1009·6	1009·8																				

* Metres per second. † Beaufort Scale (0—12).

DUBLIN (PHŒNIX PARK), a.—JULY 1912.

Heights above Mean Sea Level:—Station, H = 47·3 m.; Barometer, H_b = 48·5 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or *Velocity* (*metres per second*). 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.	millibar.	200 + °	200 + °	200 + °	200 + °	°	°	millibar.	millibar.	%	%	*		*		Tenths of Sky covered.		mm.	hr.	200 + °	
1	1014·2	1015·5	87·4	85·1	90	84	2·4	1·0	12·2	12·2	74	88	26	4	26	2	10	10	7·5	1·7	82	● showers *a.* and *p.*
2	1016·6	1016·9	86·7	84·7	89	84	2·5	1·9	11·5	10·5	73	78	30	5	28	3	10	10	—	1·7	84	Dull.
3	1017·6	1022·3	85·9	83·4	89	83	1·7	0·6	11·9	11·9	81	93	32	3	—	0	10	7	—	4·5	83	Fine, but cloudy.
4	1024·7	1025·4	87·0	82·9	91	79	1·3	0·5	13·6	11·2	85	93	4	2	—	0	10	8	—	7·6	*n* 76	Fine, but cloudy.
5	1026·0	1022·3	87·8	82·4	91	79	1·1	0·6	14·6	10·9	88	93	8	2	—	0	10	7	—	5·0	77	Fine.
6	1018·6	1014·5	89·5	83·0	92	80	2·0	0·6	14·9	11·2	80	92	2	2	—	0	8	8	—	8·2	77	Fine.
7	1013·8	1012·1	89·4	85·7	92	80	2·0	0·7	14·6	13·2	79	92	22	3	18	3	7	5	1·5	1·3	78	Dull, with ● showers.
8	1014·9	1016·2	87·2	82·9	90	83	3·3	1·4	10·5	10·2	66	84	22	3	—	0	8	7	0·1	7·8	83	Fine. ●² shower noon.
9	1017·6	1011·8	88·9	85·6	92	*n* 77	4·7	0·7	10·2	13·2	57	92	20	3	12	3	7	10	—	7·4	*n* 76	
10	1006·4	1008·8	90·0	85·8	92	85	2·1	0·6	15·3	13·6	79	92	16	5	22	2	10	10	0·8	—	83	●² showers *p.*
11	1011·8	1009·4	88·5	85·9	91	82	3·9	0·2	10·9	14·6	64	98	—	1	—	1	5	10●	8·0	5·8	81	●² showers *p.*
12	1006·7	1013·8	87·5	85·7	89	86	0·4	0·5	15·6	13·9	95	94	—	1	24	2	10●	10	2·0	—	86	Dull, with ●⁰ showers.
13	1019·9	1021·0	88·0	85·6	92	83	2·8	0·8	11·9	13·2	71	90	28	2	—	0	7	5	—	7·2	81	Fine.
14	1021·3	1021·6	91·1	87·9	95	80	4·0	1·1	12·9	14·9	63	88	—	1	—	0	5	2	—	12·6	79	Fine.
15	1024·0	1024·0	92·2	88·7	*x* 96	81	3·5	0·6	14·6	16·6	67	94	—	1	—	0	0	3	—	13·3	80	Fine.
16	1023·7	1022·7	90·0	87·7	95	83	2·1	0·7	15·3	15·3	79	91	4	3	—	0	6	3	—	8·8	82	Fine.
17	1022·7	1021·6	88·9	86·2	92	84	1·4	0·9	15·3	13·6	85	89	4	3	32	3	10	7	—	—	82	Dull.
18	1019·9	1019·3	86·8	84·0	92	80	2·2	1·9	11·9	10·2	76	77	28	2	30	2	10	8	—	8·0	79	Fine.
19	1019·3	1019·3	86·1	85·0	92	79	2·4	1·5	10·9	11·5	73	81	30	4	—	1	8	2	—	8·7	78	Fine.
20	1017·9	1017·2	86·0	87·9	95	81	1·4	2·2	12·6	12·9	84	77	—	1	30	2	10	10	—	3·1	82	Bright intervals.
21	1016·6	1015·5	88·1	86·3	90	85	2·2	0·2	12·9	14·9	76	97	2	3	—	0	10	10	5·3	0·8	84	● showers *a.* and *p.*
22	1016·2	1015·2	86·9	87·1	90	86	0·6	0·8	14·6	14·6	92	90	6	3	—	1	10	10	3·6	—	87	● showers *p.*
23	1013·5	1012·5	86·1	86·7	89	86	0·2	0·4	14·6	14·9	97	95	6	4	—	0	10●	10●	18·5	—	86	●² showers. ꓘ from 11 h. 30 m.
24	1009·4	1011·1	87·1	85·7	92	85	0·4	0·1	15·3	14·2	95	98	8	2	—	1	10●	5●	1·8	1·5	85	ꓘ till 1 h. ●² till 3 h.
25	1007·4	1008·8	89·6	85·7	92	84	1·8	0·9	15·3	12·9	82	89	10	5	—	1	8	4	3·3	4·4	82	●² 10 h.–10 h. 45 m.
26	1008·8	1009·8	90·5	87·3	92	82	2·3	1·6	15·3	13·2	76	82	12	2	16	2	7	7	2·8	3·7	80	●² showers *a.*
27	1005·7	1002·3	88·4	86·9	91	86	1·1	0·2	15·3	15·3	89	97	8	2	—	0	10	10	8·4	0·2	85	●² 1 h.–3 h. 30 m.
28	994·9	995·2	86·4	85·1	89	85	0·5	0·9	14·2	12·6	93	88	20	4	22	5	10●	10	7·9	—	85	● 9 h.–18 h. 30 m.
29	993·2	993·2	86·4	85·8	90	83	2·6	0·2	10·9	14·2	71	98	20	6	22	5	8	10●	1·8	0·8	81	● showers *a.* and *p.*
30	1002·7	1007·8	86·2	83·1	92	84	2·2	1·6	11·5	9·8	75	81	24	4	—	1	5	10	—	5·9	84	Bright intervals.
31	1002·0	998·3	85·9	81·8	86	82	1·6	0·3	12·2	10·9	82	97	—	1	—	1	10	10●	9·9	—	80	●² *a.* and *p.*
Mean	1013·8	1013·7	87·9	85·4	91·3	82·5	2·0	0·8	13·3	13·0	79	90	2·8		1·3		8·4	7·7	83·2	4·19	81·5	
Mean Barometer at Station Level.	1008·0	1007·9																				

LIMERICK (MUNGRET COLLEGE).—JULY 1912.

Heights above Mean Sea Level:—Station, H = 14·3 m.; Barometer, H_b = 15·2 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 52° 38′ N. Long. 8° 41′ W. *Time*, Dublin mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Grass	Remarks
1	1017·9	1020·3	87·8	85·2	89	85	1·3	0·6	14·2	13·2	85	92	28	5	32	4	10●	10●⁰	2·2	2·2	83	● showers.
2	1020·6	1021·0	85·8	85·3	89	84	0·4	1·0	13·9	12·6	95	88	32	4	32	4	10	10	—	0·5	84	
3	1019·9	1022·3	85·9	86·9	90	84	1·2	1·0	12·6	13·9	86	88	32	4	32	2	10	1	—	2·2	84	
4	1025·7	1025·7	88·7	88·9	94	82	1·3	1·0	15·3	15·9	86	89	4	2	Calm	0	0	4	—	12·6	79	Very fine.
5	1024·3	1021·3	90·5	88·3	95	84	1·7	1·0	16·3	15·3	81	90	4	2	12	4	0	7	—	8·5	82	Very fine.
6	1018·3	1016·2	90·0	87·2	94	82	2·8	0·9	13·9	14·6	72	89	12	1	24	1	0	10	—	9·4	80	Fine.
7	1015·5	1014·2	88·3	86·9	90	83	2·6	0·9	12·6	14·2	73	89	20	2	20	3	6	10	4·6	0·4	79	● showers *p.*
8	1013·5	1016·9	86·3	83·1	90	82	2·6	0·8	10·9	11·2	71	91	20	4	Calm	0	5	3	—	—	79	
9	1016·6	1012·5	*87·0*	84·1	91	79	*0·3*	1·2	15·6	11·2	97	85	Calm	0	Calm	0	4	4	2·5	—	83	
10	1006·1	1008·8	89·7	83·6	91	83	0·9	1·2	17·0	10·9	90	86	16	4	16	1	10	2	—	—	*n* 77	
11	1011·8	1008·4	87·3	86·3	92	79	2·5	1·4	11·9	12·9	73	83	Calm	0	Calm	0	4	10	6·4	—	*n* 77	
12	1008·8	1015·2	85·2	86·0	89	82	0·6	0·8	13·2	13·6	92	90	Calm	0	Calm	0	5	10	1·5	—	83	
13	1021·3	1023·3	87·4	86·0	92	81	2·2	1·5	12·6	12·2	76	83	28	1	Calm	0	5	0	—	—	79	
14	1022·3	1023·3	87·7	86·7	94	*n* 77	2·3	1·4	12·6	12·9	75	84	Calm	0	24	4	1	1	—	12·8	*n* 77	Very fine.
15	1024·7	1024·0	90·5	91·0	*x* 96	80	2·6	1·7	14·6	17·0	73	83	Calm	0	28	3	0	0	—	12·3	79	Very fine.
16	1023·7	1022·0	90·0	92·3	95	85	2·1	1·6	14·9	18·6	78	83	4	4	4	4	0	0	—	11·2	84	Very fine.
17	1022·7	1022·0	89·7	89·1	94	85	1·5	1·2	15·9	15·6	84	87	32	4	32	4	8	10	—	4·5	84	
18	1022·0	*1021·0*	89·1	*85·8*	*92*	*83*	2·6	*1·7*	13·2	11·9	74	81	28	5	*32*	*6*	6	*0*	—	13·8	*80*	Fine.
19	1021·3	1021·3	87·0	84·7	91	82	2·5	1·2	11·5	11·9	72	85	28	5	32	2	8	1	—	11·1	79	Fine.
20	1019·6	1018·6	87·4	88·3	93	81	0·9	1·4	14·6	14·6	89	85	32	3	Calm	0	1	10	1·5	10·8	84	Very fine.
21	1016·6	1013·8	86·9	86·6	*89*	80	0·9	0·3	14·2	14·9	89	96	Calm	0	Calm	0	10	10●	29·0	—	84	● *p.*
22	1012·8	1013·5	89·0	88·6	92	86	0·8	0·7	16·3	16·3	91	93	8	2	4	2	10	10	4·7	0·7	87	
23	1011·1	1009·4	86·7	86·3	89	86	0·0	0·1	15·6	14·9	100	99	4	4	4	2	10	10	14·1	—	85	
24	1007·4	1007·1	90·9	86·9	92	85	2·2	0·2	15·6	15·3	77	97	8	4	8	3	4	10●	9·0	6·6	84	
25	1003·0	1006·1	87·7	85·1	91	85	1·0	0·6	14·9	12·9	88	93	12	4	12	3	9	1	4·8	2·6	83	● showers.
26	1006·7	1007·8	89·6	86·2	90	83	1·7	0·2	15·3	14·6	83	96	12	2	16	3	10	10●	18·0	0·5	80	● showers.
27	1004·0	1002·0	86·7	85·2	92	85	0·0	0·0	15·6	14·2	99	99	4	2	Calm	0	10●	2	1·7	2·3	82	● showers.
28	996·9	996·9	88·3	84·0	89	82	1·4	0·9	14·6	11·5	85	88	24	3	20	5	10	9	6·8	—	81	● showers.
29	*994·9*	997·9	*87·4*	85·7	89	81	*1·1*	1·1	14·2	11·5	87	88	20	7	28	4	10	10	2·6	0·8	81	● showers.
30	1005·4	1007·8	87·1	84·0	89	84	2·3	0·8	11·9	11·9	75	91	24	5	20	2	4	10	6·9	7·5	83	
31	1000·0	1001·3	84·1	83·3	86	82	0·0	0·9	13·2	11·2	99	89	4	4	28	2	10●	0	10·0	0·3	80	
Mean	1014·0	1014·3	87·9	86·3	91·2	82·6	1·5	0·9	14·1	13·7	84	89	2·7		2·2		6·1	6·0	126·3	4·31	81·5	
Mean Barometer at Station Level.	1012·2	1012·4																				

* Metres per second. † Beaufort Scale (0—12).

METEOROLOGICAL OFFICE, LONDON,
2nd September 1912.

[Price One Shilling.]

DEERNESS, ORKNEY, a.b.—AUGUST 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 49·7 m. Heights above Ground:—Therms., h_t = 1·2 m.; Rain-gauge, h_r = 0·3 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or *Velocity* (*metres per second.*) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.	millibar.	200 + °	200 + °	200 + °	200 + °	°	°	millibar.	millibar.	%	%	*		*		Tenths of Sky covered.		mm.	hr.	°	
1	995·9	999·3	84·5	81·1	86	81	1·1	1·8	11·5	8·5	86	78	30	8	30	12	9	10	1·0	1·9	—	Cold. ● showers *p.*
2	1006·1	1012·1	82·8	81·1	86	*n* 79	2·9	1·1	8·2	9·2	66	86	24	4	22	3	8	10	—	6·0	—	Milder *a.*
3	1013·5	1014·5	83·9	82·8	86	80	2·8	1·0	8·8	10·5	70	88	14	6	14	4	6	2	—	6·5	—	ꓘ 9 h.–13 h. Fine.
4	1014·5	1010·8	86·1	83·8	*x* 87	83	1·9	0·7	11·9	11·9	78	91	14	5	6	9	3	10●	9·9	6·5	—	Fine *a.* ● after 19 h.
5	998·3	995·2	84·9	84·3	86	84	0·3	0·3	13·2	12·6	96	95	8	11	10	4	10●	10≡⁰	0·8	—	—	● all *n.* Drizzle till 13 h.
6	1002·3	1003·7	85·1	85·0	*x* 87	84	1·2	0·1	11·9	13·9	86	99	14	8	12	5	4	3	—	8·8	—	Fine.
7	1004·0	1004·0	84·3	84·5	86	83	0·0	0·3	13·2	13·2	99	97	8	4	2	4	10≡²	10≡⁰	—	—	—	≡² all *a.*, lifted at noon.
8	1004·0	1003·7	86·1	84·5	86	85	0·4	0·7	14·2	12·2	95	91	6	4	4	5	10≡⁰	9ꓘ	2·8	—	—	≡⁰ *a.* T 18 h. < 20 h.
9	1001·3	1005·0	84·9	82·1	*x* 87	82	0·9	0·4	12·2	10·9	89	94	28	4	30	2	10	2	—	0·5	—	ꓘ till 3 h. Drizzling ● *p.*
10	1008·1	1013·8	84·1	83·4	86	81	1·3	1·0	11·2	11·2	86	88	6	2	8	2	10	9	—	0·1	—	Fine.
11	1016·9	1018·3	85·2	82·3	*x* 87	82	2·7	1·1	9·8	10·2	70	86	8	3	4	2	3	8	—	6·5	—	Very fine.
12	1016·9	1013·2	84·5	82·2	86	80	2·3	1·2	9·8	9·8	74	85	30	6	30	7	3	9	12·7	8·3	—	Fair *a.* Breezy *p.*
13	1004·4	996·6	81·2	83·9	84	81	0·0	0·0	10·9	12·9	100	100	28	13	30	5	10●	10≡²	4·8	—	—	● till 11 h.
14	997·6	998·3	84·5	84·5	*x* 87	84	0·0	0·0	13·6	13·6	100	100	—	1	28	3	10≡	10≡	0·8	—	—	≡ all *n.* Fair.
15	1000·3	1000·3	85·1	84·6	*x* 87	84	0·5	0·3	13·2	13·2	94	97	28	2	—	1	10	10	—	—	—	Dull and mild.
16	1007·8	1012·1	85·0	84·3	86	84	0·2	0·3	13·6	12·9	97	96	26	3	—	1	10	8	—	—	—	Dull and damp *a.*
17	1011·5	1007·1	86·1	85·0	86	83	0·7	0·1	13·9	13·9	92	99	10	6	10	5	5	10∞	2·0	2·9	—	Bright *a.* Mild, with ∞ *p.*
18	999·6	995·2	85·6	84·2	86	84	0·1	0·3	14·6	12·9	100	96	22	2	—	1	10●	10	6·4	—	—	● 2h.–15 h.
19	998·9	1002·7	82·3	81·5	85	81	0·2	0·9	11·5	9·8	97	88	26	7	—	1	10●	8	—	—	—	● showers *a.*
20	998·9	996·9	85·0	84·0	*x* 87	81	0·5	0·1	12·9	12·9	93	99	6	4	8	2	8	9	6·1	0·7	—	Dull and mild.
21	999·3	1004·0	85·1	83·5	*x* 87	84	0·1	0·1	13·9	12·6	99	98	22	3	22	7	10	10●	5·4	1·0	—	● after 19 h.
22	1008·4	1011·5	83·5	82·6	86	82	0·7	0·9	11·5	10·5	91	88	26	9	26	5	10	8	—	0·6	—	● till 8 h. ● showers *p.*
23	1007·4	1005·7	84·0	81·2	86	80	1·8	1·2	10·2	9·2	79	84	—	1	—	0	7	2	0·5	2·9	—	Very fine.
24	1005·7	1006·4	84·3	81·2	86	80	1·9	1·3	10·2	8·8	77	83	—	1	—	1	8	0	—	1·8	—	Heavy cum. *a.* Fine.
25	1006·1	1005·7	84·1	83·4	86	80	1·9	0·6	10·2	11·5	78	93	26	4	4	7	8	10	—	0·4	—	Fine *a.* Drizzle *p.*
26	1004·4	1003·7	84·0	82·6	86	82	2·2	1·4	9·8	9·8	75	82	2	8	2	8	2	10	—	7·8	—	Cold and breezy.
27	1004·0	1006·4	84·3	80·4	86	80	2·5	1·1	9·5	8·8	72	86	32	6	30	3	9	2	—	4·1	—	Heavy cum. *a.* Fine.
28	1007·8	1006·7	84·0	81·8	86	*n* 79	2·3	1·4	9·5	9·2	74	83	—	1	10	3	3	6	0·3	8·2	—	Very fine and bright.
29	1001·3	991·2	83·4	82·9	84	82	0·3	0·1	12·2	11·9	97	98	8	9	4	12	10	10●	15·5	—	—	● 8 h.–9 h. ●² 13 h.–21 h.
30	994·2	1007·4	82·6	82·2	84	82	0·2	1·2	11·5	9·8	97	85	2	12	28	10	10●	8	0·8	—	—	≡² 3 h.–5 h. ●⁰ *a.*
31	1013·5	1011·1	83·4	82·3	85	80	2·4	1·2	9·2	9·8	72	84	26	6	12	6	2	8	5·8	8·2	—	Fine day. Fresh breeze.
Mean	1004·9	1005·2	84·3	83·0	86·0	81·9	1·2	0·7	11·5	11·2	86	91	5·3		4·5		7·7	7·8	75·6	2·70	—	
Mean Barometer at Station Level.	998·9	999·4																				

ABERDEEN, a.e.—AUGUST 1912.

Heights above Mean Sea Level:—Station, H = 14·0 m.; Barometer, H_b = 26·8 m. Heights above Ground:—Therms., h_t = 12·5 m.; Rain-gauge, h_r = 0·6 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 10 h.	Cloud 22 h.	Rain 10 h.	Sunshine	Min. Grass	Remarks
1	994·2	998·9	85·9	82·1	88	80	2·0	1·1	11·5	9·8	78	86	28	5	28	7	8	4	3·1	0·9	—	Cloudy to dull. Visibility.
2	1008·1	1013·2	82·8	81·0	84	77	2·6	2·0	8·5	8·2	70	76	28	3	—	1	7	3	—	2·4	—	Clear to bright. Visibility.
3	1014·9	1015·5	84·3	83·3	86	76	2·7	1·1	9·2	10·9	70	87	14	2	—	1	3	4	—	8·5	—	Clear to bright.
4	1013·5	1003·7	85·7	84·5	86	80	2·0	0·3	11·2	12·9	77	96	8	7	6	12	10	10	22·6	—	—	● showers. ●² *p.* and *n.*
5	995·6	998·3	86·0	85·3	86	84	1·0	1·8	13·2	11·2	89	78	12	3	16	5	10	4	—	0·2	—	≡● showers.
6	1003·3	1002·7	86·3	85·6	88	82	1·4	0·6	12·6	13·6	83	93	14	5	8	4	9●⁰	8	0·3	1·2	—	Overcast, with drizzle, then [clear.
7	1002·0	1002·0	85·3	85·1	86	85	0·5	0·5	13·2	13·2	93	93	4	6	32	4	10	10●	21·1	—	—	● showers. ●² *n.*
8	1002·0	1003·3	85·2	85·3	87	84	0·7	1·1	12·9	12·2	92	86	26	6	26	3	10●	10	2·0	—	—	●², then ● showers.
9	1002·3	1005·4	85·8	85·1	87	84	2·3	0·9	10·9	12·6	75	89	24	4	—	0	10	10	24·1	—	—	● showers. ≡⁰
10	1007·4	1013·2	83·5	83·8	85	82	0·4	1·0	11·9	11·2	95	88	32	3	32	2	10●	10	2·8	—	—	●² to drizzle.
11	1016·6	1018·6	85·3	82·0	86	80	2·8	1·0	9·8	9·8	69	88	4	4	4	2	8	4	—	8·2	—	Cloudy to clear. Visibility.
12	1016·9	1013·5	84·5	83·1	87	79	1·9	1·2	10·5	10·5	78	85	30	3	30	2	8	6	—	4·4	—	⌓ *a.* Visibility.
13	1006·4	999·6	83·5	82·0	84	81	2·3	1·3	9·2	9·5	73	84	28	7	24	5	10●⁰	10	0·8	—	—	Squally, then ● showers.
14	997·6	998·9	84·8	85·8	86	82	1·1	0·6	11·9	13·6	86	93	28	5	—	1	10	10	4·3	—	—	Overcast, then ●⁰.
15	1001·0	1004·7	84·8	86·3	87	84	1·0	1·1	11·9	13·2	87	87	28	2	—	1	10●	10	0·3	—	—	Overcast, with ●⁰.
16	1009·1	1012·1	87·1	85·7	*x* 89	84	2·2	1·2	12·2	12·6	75	86	—	1	—	1	10	4	—	1·2	—	⌓ *a.*
17	1010·8	1006·4	85·3	85·8	88	82	0·4	0·5	13·2	13·9	94	94	12	3	—	1	10	10	11·7	0·5	—	⌓² *a.* ≡²● showers *n.*
18	999·6	999·3	86·2	85·2	*x* 89	84	0·9	0·7	13·6	12·9	90	90	—	1	—	1	10●	10	2·8	1·7	—	●² *a.* ● showers *n.*
19	1001·7	1001·3	84·4	84·2	85	84	1·2	0·8	11·5	11·9	86	90	26	2	6	6	10	10●	5·6	—	—	● showers. ꓘ● 23 h.
20	996·6	996·6	84·8	84·5	86	84	0·6	0·8	12·9	11·9	93	89	10	4	22	2	10●	10	1·3	—	—	≡⁰●
21	1002·0	1009·1	84·7	83·5	87	82	1·6	2·4	11·2	9·2	81	72	26	7	22	2	9	10	0·8	—	—	● showers *a.* Dull.
22	1010·8	1013·2	85·9	83·0	87	80	3·4	1·9	9·5	9·5	65	78	24	8	28	2	7	8	—	1·8	—	● showers early.
23	1008·1	1005·4	83·9	83·7	85	77	2·6	1·8	9·2	10·2	71	79	30	2	—	1	4	10	—	5·0	—	Bright *a.* Visibility. ⌓²
24	1006·1	1007·4	84·5	81·2	85	79	2·4	1·1	9·8	9·2	73	86	4	3	8	2	3	*1*	—	5·3	—	⌓⁰ *a.*
25	1007·4	1005·4	82·6	82·4	87	*n* 75	1·4	1·9	9·8	9·2	82	76	—	1	—	1	1	0	—	9·4	—	⌓ *a.* Bright.
26	1002·3	1000·6	85·3	82·9	86	79	1·9	1·4	11·2	10·2	77	84	6	7	30	6	3	10	—	4·7	—	●⁰ showers *a.* and *n.*
27	1003·0	1006·7	84·3	82·3	86	80	3·0	1·3	8·8	9·8	67	82	30	5	30	2	9	6	—	0·2	—	Dull to cloudy.
28	1008·8	1005·7	83·8	84·1	86	79	2·4	1·4	9·5	10·9	73	85	—	1	14	3	8	10●	5·3	2·4	—	⌓ *a.* Fair to cloudy. ●⁰ *n.*
29	995·6	992·2	84·8	84·8	88	84	0·5	1·4	12·9	11·5	95	83	10	7	18	3	10●	6	5·8	1·0	—	● *a.* Fair *p.*
30	995·2	1009·4	85·6	82·1	86	81	1·9	1·5	11·2	9·5	77	82	26	6	26	3	10	3	0·5	0·5	—	●⁰ showers.
31	1016·2	1013·2	83·7	83·7	87	79	3·5	1·3	7·8	10·9	62	85	26	4	18	3	3	10●	7·4	7·6	—	Fair. ● *n.*
Mean	1005·0	1005·6	84·9	83·9	86·5	81·1	1·8	1·2	11·1	11·2	80	85	4·1		2·9		8·1	7·5	122·6	2·16	—	
Mean Barometer at Station Level.	1001·7	1002·3																				

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.

* Metres per second.

Wt. 39026—250—9/12.—N. & Co., Ltd. Gp. XV.

Fort William, Inverness-shire, a.—August 1912.

Heights above Mean Sea Level:—Station, H = 52·1 m.; Barometer, H_b = 11·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	°	
1	996·9	1002·7	86·2	82·9	88	82	1·9	2·4	11·9	8·8	79	71	Calm	0	24	2	10●⁰	10●⁰	3·1	—	—	Fair to fine intervals.
2	1008·1	1012·5	83·5	80·2	88	77	3·3	0·9	8·2	8·8	64	87	4	2	6	3	7	10≡⁰●	5·8	—	—	Fine. ●≡⁰ after 20 h.
3	1013·8	1013·5	82·9	81·3	89	n 76	1·4	1·2	9·8	9·2	83	84	Calm	0	Calm	0	1	0	—	—	—	⌴. Sunny. ⊠ on hills.
4	1011·1	1001·3	85·6	84·1	86	79	2·6	0·7	10·2	11·9	71	91	4	3	4	5	8	10≡⁰●	24·9	—	—	● showers.
5	992·2	995·9	90·6	84·5	x 92	84	2·6	0·9	14·9	11·9	73	88	8	3	20	3	4	10≡●	1·0	—	—	●² early. Fine till 17 h.
6	1000·3	1001·3	89·7	85·8	91	82	3·9	2·0	11·9	11·2	62	77	Calm	0	Calm	0	7	7	1·3	—	—	Fine. ●⁰ p.
7	1001·0	1003·3	86·3	85·2	90	83	1·1	1·1	13·2	12·2	86	85	4	4	6	3	10≡	4	—	—	—	Fair to fine.
8	1004·4	1005·4	86·3	85·6	91	80	2·1	2·0	11·5	11·2	76	77	Calm	0	28	3	2	8	—	—	—	Fair to fine.
9	1004·4	1006·1	86·4	83·7	88	82	2·2	0·7	11·5	11·9	75	92	20	1	Calm	0	7	10≡⁰●⁰	2·3	—	—	Dull. Sunny intervals.
10	1007·8	1012·8	84·9	84·0	87	82	0·8	0·1	12·6	12·9	90	98	20	2	Calm	0	10∞	10≡⁰●⁰	3·6	—	—	Dull, with ● p.
11	1016·2	1018·6	86·8	83·8	90	81	2·1	0·5	11·9	12·2	76	95	Calm	0	Calm	0	3≡	10≡	1·8	—	—	Dull, with ●⁰. Fog on hills.
12	1017·6	1015·2	86·3	83·6	89	83	1·7	1·7	12·2	10·2	81	80	Calm	0	Calm	0	6	2	3·1	—	—	● showers.
13	1010·5	1003·7	84·6	82·5	87	79	2·3	1·4	10·2	9·8	74	82	20	1	24	3	10	10	0·3	—	—	●⁰ showers.
14	999·3	1000·3	84·8	86·0	89	82	1·1	0·8	11·9	13·6	86	90	20	1	Calm	0	10≡	10	—	—	—	Dull. Fog on hills. ●⁰ p.
15	1002·0	1006·1	86·7	85·0	88	85	2·0	0·9	12·2	12·6	77	89	20	1	20	1	10≡	10≡	0·3	—	—	Dull. Fog on hills. ●⁰.
16	1009·4	1010·1	85·8	86·3	90	84	1·3	1·1	12·6	13·2	85	87	20	5	Calm	0	9≡	10	0·5	—	—	Dull. Fog on hills. ●⁰.
17	1006·1	1005·0	87·4	86·3	91	85	1·6	0·7	13·2	13·9	81	93	Calm	0	Calm	0	10≡	10≡	—	—	—	Dull. Fog on hills.
18	1001·7	999·3	85·3	85·3	91	82	0·6	1·3	13·2	11·9	92	84	Calm	0	Calm	0	10≡	9	0·8	—	—	Dull. Fog on hills.
19	1000·6	1000·0	83·9	83·5	88	80	1·0	0·6	11·5	11·9	89	93	4	4	4	3	10≡●⁰	10●⁰	4·1	—	—	Dull and cloudy. ●≡⁰ p.
20	996·6	998·9	83·7	83·1	86	82	0·2	0·8	12·6	11·2	98	91	4	1	24	3	10≡⁰●⁰	10≡⁰●	5·6	—	—	●≡⁰ all day.
21	1006·1	1011·1	83·0	82·3	88	82	1·7	1·0	9·8	10·2	80	87	20	1	20	2	10●⁰	10●⁰	0·5	—	—	Fair to fine. ●⁰ 17 h.
22	1014·5	1013·8	84·7	81·0	89	81	2·6	0·9	9·8	9·5	71	90	20	2	20	2	10	1	—	—	—	Fine.
23	1006·4	1004·4	82·5	84·1	88	77	1·3	1·7	9·8	10·5	84	79	8	1	4	3	8	10	—	—	—	Fine.
24	1004·7	1005·7	85·2	84·9	90	80	2·1	1·2	10·9	11·9	75	85	Calm	0	Calm	0	0	10	0·3	—	—	Fine and sunny.
25	1006·1	1004·0	86·3	85·3	91	82	2·2	2·3	11·5	10·5	75	73	Calm	0	4	2	4	10	—	—	—	Fine and sunny.
26	1001·3	1003·3	85·2	80·2	89	79	3·0	1·4	9·5	8·2	67	80	4	5	4	3	7	1	—	—	—	Fair.
27	1005·7	1007·1	83·5	81·4	87	79	2·5	1·3	9·2	9·2	71	83	4	3	8	2	10	2	—	—	—	Fine and sunny.
28	1007·8	1002·3	83·0	85·2	87	78	1·7	2·8	9·8	9·8	80	69	Calm	0	16	2	10	10	1·0	—	—	Fair to fine.
29	991·2	987·4	84·4	84·1	86	84	0·8	0·7	11·9	11·9	89	90	4	4	20	2	10≡⁰●	10	3·3	—	—	≡⁰●.
30	999·6	1012·5	85·5	81·4	87	81	2·1	1·5	10·9	8·8	76	80	20	3	12	1	10●⁰	2	—	—	—	Dull *a*. Fine *p*.
31	1017·2	1010·8	83·4	82·5	87	n 76	1·9	0·2	9·8	11·5	78	97	20	1	Calm	0	3	10≡⁰●	12·4	—	—	Fine till 14 h. ● *p*.
Mean	1005·2	1005·6	85·3	83·8	88·8	81·0	1·9	1·2	11·3	11·0	79	85	1·5		1·5		7·6	7·9	76·0	—	—	
Mean Barometer at Station Level.	1003·8	1004·2																				

Dundee, Forfarshire, c.d.—August 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 50 m. Heights above Ground:—Therms., h_t = 1·16 m.; Rain-gauge, h_r = 0·3 m. Lat. 56° 28′ N. Long. 2° 56′ W. *Time*, Greenwich mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	995·2	1001·0	88·0	82·4	89	81	1·9	1·3	13·2	9·8	79	83	32	1	28	1	10	10	0·8	—	—	Dull and cloudy.
2	1008·1	1012·8	81·1	81·9	85	80	0·9	1·0	9·5	9·8	89	87	20	1	16	1	10	10	2·3	—	—	● 7 h. 30 m.–10 h. 30 m. Dull.
3	1014·9	1015·2	85·3	81·3	88	80	1·6	1·1	11·5	9·5	79	86	8	1	8	1	5	10	—	—	—	Fine till 18 h., then dull.
4	1011·8	1000·6	85·8	85·5	86	81	1·4	0·3	12·2	13·9	84	96	4	5	8	8	10≡●	10●	24·1	—	—	● from 9 h. ϟ from noon.
5	993·9	998·6	85·5	85·2	86	85	0·5	1·3	13·6	11·9	94	85	8	3	20	5	10	10	2·5	—	—	Dull and cloudy. ● 15 h.
6	1002·7	1001·7	85·2	85·8	90	81	0·8	0·6	12·6	13·6	90	93	12	1	8	3	10	10	3·3	—	—	Cloud and sunshine.
7	1001·0	1001·7	85·8	84·7	88	85	0·6	0·8	13·6	12·2	93	90	4	3	4	1	10●	10	1·0	—	—	● 8 h.–10 h. ●⁰ 12 h.–16 h.
8	1002·7	1004·7	87·9	85·8	90	83	2·0	1·6	13·2	11·9	78	82	28	1	20	1	5	10	2·5	—	—	Dull and cloudy from 11 h. ● 19 h.
9	1003·7	1005·7	85·5	84·2	90	81	1·9	0·6	11·2	12·2	77	92	20	3	24	1	10	10	1·5	—	—	Dull. Fine 11 h.–15 h.
10	1007·8	1013·5	84·8	82·8	87	81	1·1	0·4	11·9	11·5	86	95	28	1	4	1	10	10	5·1	—	—	Dull. ●⁰ noon–22 h.
11	1017·2	1018·3	83·9	83·6	89	82	1·2	0·6	11·2	11·9	87	93	12	1	8	1	10	10	—	—	—	Dull. Fine noon–17 h.
12	1017·6	1014·2	85·2	83·8	89	79	1·1	0·5	12·2	12·2	86	95	20	1	28	1	5	10	7·4	—	—	Dull. ● noon–17 h.
13	1008·4	1003·0	84·3	82·3	86	80	1·8	1·2	10·5	9·8	79	85	24	3	24	1	10	10	0·3	—	—	Dull and cloudy.
14	998·6	998·9	84·8	85·7	89	81	1·4	0·2	11·5	14·2	83	98	20	1	24	1	10	10	0·8	—	—	Dull and cloudy. ● 19 h.
15	1001·0	1005·0	86·3	85·9	87	85	0·5	0·7	14·2	13·6	93	92	20	1	24	3	10	10	1·3	—	—	●⁰ 8 h. Dull and cloudy.
16	1009·8	1011·1	87·4	85·8	x 93	84	1·5	0·6	13·6	13·6	83	92	20	3	4	1	3	10	—	—	—	Cloud and sunshine.
17	1010·1	1006·4	87·0	87·0	90	84	0·9	0·2	14·2	15·6	89	98	12	1	8	1	10	10	4·8	—	—	Dull. ● 15 h. and 20 h.
18	1001·0	999·3	86·3	86·1	x 93	85	0·3	1·3	14·6	12·9	96	85	24	3	20	1	10●	10	—	—	—	● till 9 h. Dull after 17 h.
19	1001·3	1000·0	84·8	84·6	87	82	0·9	0·5	12·2	12·9	89	94	8	1	4	3	10	10	4·1	—	—	Dull and cloudy. ●⁰ 12 h.
20	995·9	998·3	84·4	83·3	86	83	0·4	0·3	12·9	11·9	95	96	8	1	24	3	10●	10	16·8	—	—	● 8 h.–20 h.
21	1005·0	1009·8	84·1	81·9	88	n 77	1·2	1·4	11·2	9·2	85	83	20	5	20	1	10	3	0·3	—	—	Dull till 10 h., then fine.
22	1013·5	1013·5	85·8	82·9	89	81	1·7	1·6	11·9	9·8	81	81	24	5	24	1	5	5	—	—	—	Fine.
23	1007·8	1005·4	84·1	82·5	86	79	1·2	0·7	11·2	10·9	85	91	8	5	4	1	10	10	1·0	—	—	Dull and cloudy. ● 13 h.–15 h.
24	1005·7	1007·1	84·6	83·0	87	81	1·6	0·6	10·9	11·2	81	93	8	1	8	1	5	10	—	—	—	Cloud and sunshine till 16 h.
25	1006·7	1005·7	85·7	81·2	90	81	2·2	0·5	10·9	11·9	76	96	4	1	4	1	3	0	—	—	—	Fine.
26	1001·3	1001·3	84·6	82·4	87	79	1·7	1·3	10·9	9·8	80	94	4	3	32	5	10	10	—	—	—	Cloudy.
27	1003·7	1007·4	84·1	81·4	87	81	1·9	1·2	10·2	9·2	77	85	4	1	24	1	10	10	—	—	—	Cloudy.
28	1008·8	1005·0	83·4	83·5	87	80	1·2	0·5	10·9	11·9	86	94	12	1	8	1	10	10	5·6	—	—	Fine 10 h.–15 h. ●⁰ 16 h.–20 h.
29	993·2	992·8	84·7	84·7	89	83	0·3	0·6	13·2	12·6	97	93	8	5	20	1	10●	10	6·9	—	—	● 7 h.–11 h. Fine 12 h.–15 h.
30	996·6	1011·5	86·3	82·4	89	82	1·3	1·6	12·9	9·5	84	80	28	3	28	1	10	5	—	—	—	Fine after 11 h.
31	1017·2	1014·2	83·6	84·4	89	79	2·5	1·3	9·2	11·2	71	84	28	1	24	1	7	10	7·1	—	—	Fine till 13 h., then dull.
Mean	1005·2	1005·9	85·2	83·8	88·2	81·5	1·3	0·9	12·0	11·7	85	90	2·2		1·7		8·6	9·1	99·5	—	—	
Mean Barometer at Station Level.	999·3	999·9																				

† Beaufort Scale (0—12).

Glasgow, Lanarkshire, a.—August 1912.

Heights above Mean Sea Level:—Station, H = 54·9 m.; Barometer, H_b = 56·1 m. Heights above Ground:—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 55° 53′ N. Long. 4° 18′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200 + °	
1	995·6	1001·3	86·5	83·6	89	82	2·4	1·1	11·5	11·2	73	87	22	2	32	2	10●	10●⁰	11·5	0·1	79	Dull, with ● showers.
2	1008·1	1012·5	80·8	81·3	84	80	0·5	0·6	9·8	10·2	94	93	4	2	—	1	10●	10	2·2	0·1	80	● till 10 h. Dull.
3	1014·2	1013·5	82·4	84·0	89	n 77	1·0	1·7	10·2	10·5	87	79	—	1	10	3	9	10	2·9	4·6	74	Dull *a*. Fine, then cloudy.
4	1008·8	996·9	84·1	86·0	86	82	0·5	0·3	12·2	14·2	93	97	6	4	6	8	10●	10	26·7	—	80	● 8 h.–19 h. 30 m.
5	991·8	998·9	86·8	84·8	87	85	0·4	1·3	14·9	11·5	95	84	6	3	18	5	10	3	9·6	—	85	● 5 h. and 10 h.–15 h.
6	1000·6	999·3	84·9	86·0	90	82	1·2	0·8	11·9	13·6	85	90	6	3	4	5	10●	7	2·8	0·6	79	● showers *a*. Drizzle *p*.
7	998·9	1002·3	86·8	84·3	87	84	2·0	1·1	12·2	11·5	77	86	4	4	2	2	8	7	0·1	0·1	82	Drizzle *a*. Dull.
8	1004·0	1005·7	86·8	83·8	90	82	2·5	0·9	11·5	11·5	72	90	26	4	24	3	7	4	—	4·6	79	Fine.
9	1004·4	1006·7	86·3	83·5	88	82	2·6	1·2	10·9	10·9	71	86	24	4	24	3	7	5	—	1·2	77	Cloudy.
10	1008·1	1012·5	85·6	85·5	89	81	2·6	1·4	10·2	11·9	71	82	24	3	—	1	6	10	—	5·5	76	Bright *a*. Cloudy *p*.
11	1016·6	1017·6	85·9	85·2	88	84	2·2	1·3	11·2	11·9	75	85	—	1	—	1	8∞	10	—	0·6	82	Dull.
12	1016·6	1013·8	86·8	84·7	89	84	2·6	1·1	11·2	11·9	72	86	—	1	—	1	5	10	0·9	0·6	81	Dull, with ● showers.
13	1009·8	1003·7	85·1	82·9	89	80	2·6	1·6	9·8	13·2	71	81	26	3	28	5	3	10	—	2·3	74	Bright *a*. Dull *p*.
14	998·6	999·6	86·2	86·5	90	82	3·1	1·3	10·2	13·2	67	85	24	2	24	3	8	10	—	2·2	79	Dull *a*. Overcast evening.
15	1001·7	1007·1	86·9	85·2	88	85	2·1	1·5	11·9	11·5	76	82	24	5	24	3	7	10	—	0·6	82	Dull and overcast.
16	1010·5	1010·5	86·3	87·8	x 91	84	1·7	1·4	12·2	14·2	81	85	22	3	—	1	10	10	4·8	0·1	83	Dull and overcast.
17	1007·4	1005·4	86·8	86·3	x 91	86	0·7	0·5	14·6	14·2	92	94	10	4	—	1	10●⁰	7	0·9	—	84	●² *a*. Drizzle till noon.
18	1001·3	999·3	86·8	85·6	90	85	1·5	1·4	12·9	12·2	83	84	—	1	—	1	4⌓∞	9	0·1	2·8	79	Bright *a*., then dull.
19	1000·0	998·3	85·2	85·0	88	83	1·1	0·4	12·2	13·2	87	95	—	0	6	4	10⌓∞	10	7·4	—	77	Dull *a*. ☈ ●² 15 h. 30 m.–17 h.
20	995·6	1000·0	85·9	83·5	86	84	1·0	0·9	12·9	11·5	88	90	—	1	22	5	10	10	0·5	—	83	Dull, with ● showers.
21	1007·4	1012·1	84·7	82·4	87	82	3·2	1·6	9·2	9·5	66	80	24	7	24	3	5	8	—	3·7	80	Dull *a*. Fine *p*.
22	1015·2	1014·2	85·2	83·1	88	81	2·7	1·0	9·8	10·9	70	87	26	5	—	1	6	10	0·6	4·6	79	Dull *a*. Overcast evening.
23	1005·0	1003·7	84·0	82·8	85	82	1·0	0·6	11·5	11·2	87	93	6	5	4	4	10●⁰	10	5·6	—	79	Drizzle, till 14 h.
24	1005·0	1006·1	83·3	83·7	86	82	0·9	1·1	11·2	11·2	89	87	6	2	6	3	10	10	—	—	81	Dull and overcast.
25	1006·1	1003·3	85·2	83·8	88	82	1·5	1·0	11·5	11·2	82	88	6	3	6	3	8	10	1·5	0·4	81	Dull.
26	1000·0	1001·3	83·5	83·0	88	81	1·4	2·7	10·5	8·5	83	69	6	5	2	5	10	4	—	2·5	81	Bright *a*., then cloudy.
27	1004·0	1007·1	84·1	82·2	87	79	3·2	1·3	8·5	9·5	65	83	32	2	—	1	8	9∞	—	1·0	75	Dull *a*.
28	1008·4	1002·7	81·8	83·1	88	79	1·0	0·7	9·8	11·2	87	91	—	0	10	4	8∞	10	18·0	1·0	74	Cloudy. Drizzle evening.
29	989·1	992·5	84·2	85·4	89	82	0·1	0·7	13·2	12·9	99	91	6	4	18	2	10●⁰	10	0·8	1·7	82	●² *a*., then drizzle.
30	998·6	1012·1	85·5	83·3	89	84	1·6	2·2	11·5	9·2	80	75	26	4	26	4	9	5	—	4·0	82	Cloudy *a*. Bright *p*. ⩌ 22 h.
31	1017·6	1012·1	84·0	83·7	87	79	2·8	0·6	9·2	11·9	70	93	26	3	18	4	6	10●	8·1	3·1	n 73	Bright *a*. ●² 20 h.–Midnight.
Mean	1004·8	1005·5	85·1	84·2	88·1	82·2	1·7	1·1	11·3	11·7	80	86	3·1		3·0		8·1	8·6	105·0	1·55	79·4	
Mean Barometer at Station Level.	998·1	998·8																				

Cockle Park (near Morpeth), Northumberland.—August 1912.

Heights above Mean Sea Level:—Station, H = 98·7 m.; Barometer, H_b = 100·8 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 55° 13′ N. Long. 1° 41′ W. *Time*, Local mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	993·9	1000·3	83·7	82·6	88	82	0·6	0·4	11·9	11·2	93	94	28	2	28	1	8	9	14·5	—	82	● past *n*. and during day. T
2	1007·1	1012·5	82·7	79·8	83	80	0·4	0·5	11·2	9·2	94	93	28	2	28	1	9	3	6·4	0·1	80	● *a*. ●⁰ afternoon. T
3	1015·2	1013·2	86·4	83·3	88	n 76	2·5	1·2	11·2	10·5	72	86	12	1	12	1	3	10	10·7	8·2	n 74	Fine.
4	1007·8	996·9	84·5	85·9	86	81	0·0	0·2	13·6	14·6	100	98	8	5	12	2	10	10	18·3	—	79	● *a*. ϟ most of day.
5	993·9	1002·3	85·6	83·9	88	84	1·0	1·9	12·6	10·2	88	78	12	3	20	3	10	4	—	1·1	82	ϟ at times.
6	1001·7	998·6	86·7	84·6	89	80	0·8	0·5	13·9	12·6	90	93	12	2	4	3	9	4	0·8	2·7	77	Cloudy.
7	996·6	999·3	87·9	84·9	89	84	1·4	0·1	14·2	13·6	85	99	4	3	4	2	9	7	16·3	1·3	81	Dull *a*., then ● showers.
8	1003·0	1005·7	85·1	83·6	x 91	83	1·4	0·7	11·5	11·9	83	92	28	2	28	2	8	3	—	2·8	82	● past *n*. Fine.
9	1005·4	1007·4	86·3	82·5	89	81	1·9	0·5	11·9	10·9	78	93	28	3	28	3	4	4	1·3	4·1	79	● showers.
10	1008·1	1012·8	86·3	82·5	87	81	2·9	0·7	10·5	10·9	69	91	24	1	24	1	5	6	8·1	2·5	80	●² at times. T
11	1016·2	1018·3	86·4	81·8	87	80	1·9	0·4	12·2	10·5	78	95	28	1	28	1	8	8	3·6	2·0	79	●² showers.
12	1017·2	1013·2	84·4	83·1	88	81	1·5	0·8	11·2	11·2	82	90	28	2	28	1	8	6	—	3·9	76	Fine.
13	1009·1	1002·3	84·1	82·5	87	80	1·9	1·3	10·2	9·8	79	84	28	2	28	3	4	9	0·8	0·3	79	● showers.
14	999·3	999·3	84·4	85·3	87	81	1·9	0·7	10·5	12·9	78	91	28	2	28	2	7	7	3·3	0·2	80	● showers.
15	1001·7	1006·1	87·1	85·3	89	84	1·2	0·8	13·6	12·9	86	89	28	3	28	3	8	7	—	0·4	84	Dull.
16	1010·8	1012·5	85·8	86·5	x 91	84	1·9	0·2	11·5	14·9	79	98	28	4	20	1	7	9	0·3	6·1	82	Fine. ●⁰ *n*.
17	1010·5	1006·1	86·8	87·4	x 91	82	0·6	0·3	14·6	15·9	94	97	20	3	12	2	10≡⁰	9	8·1	0·1	81	Cloudy. ●⁰
18	1002·3	1001·3	87·9	83·3	90	83	2·3	0·7	12·6	11·5	75	92	24	2	24	1	5	4	—	4·0	83	Fine.
19	1001·0	1000·0	86·4	84·2	89	82	2·2	0·5	11·5	12·6	75	93	16	1	20	1	6	7	4·1	0·7	79	● showers. ☈ noon.
20	995·9	1001·3	87·2	83·2	88	83	2·0	1·0	12·6	10·9	78	88	20	1	24	4	7	4	7·4	0·6	82	☈ noon–13 h. ●² 13 h. ☈ 15 h.
21	1006·1	1009·4	82·5	82·0	88	80	1·2	1·1	10·2	9·8	84	86	24	5	28	3	6	5	—	2·7	78	Cloudy.
22	1013·8	1015·5	85·0	82·4	89	79	3·1	0·4	9·2	11·2	66	94	28	4	28	3	7	4	0·5	5·9	77	Fine.
23	1006·7	1002·3	84·1	83·9	85	82	0·1	0·0	12·9	12·9	98	100	16	1	4	3	10≡⁰	10	28·2	—	79	● all day.
24	1004·4	1006·4	84·3	83·9	87	83	0·3	0·4	12·9	12·2	96	95	4	3	28	1	8	8	1·0	—	82	Dull.
25	1006·7	1003·0	83·8	83·7	85	82	0·2	0·2	12·6	12·6	97	98	28	1	Calm	0	7	9	1·8	—	81	● showers.
26	998·9	997·2	83·4	83·3	85	82	1·0	1·2	11·2	10·5	88	86	4	4	4	4	8	7	1·5	—	81	● showers.
27	1001·0	1007·4	84·2	82·4	86	82	1·4	1·2	11·2	9·8	83	85	32	3	28	1	9	6	—	0·8	80	Cloudy.
28	1009·4	1006·7	85·2	84·9	89	80	2·0	2·0	10·9	10·9	77	77	24	1	12	2	1	10	10·2	4·6	78	Fine.
29	993·5	996·2	85·0	85·4	90	83	0·1	1·1	13·9	12·2	98	86	12	2	20	1	10	7	4·8	4·4	82	Overcast *a*, then fine.
30	997·9	1011·5	85·9	83·7	89	82	1·0	2·1	12·9	9·8	88	76	20	3	28	2	8	8	0·8	0·6	82	● showers.
31	1017·6	1014·5	84·1	82·3	87	n 76	2·7	0·6	9·2	10·9	70	91	28	1	20	2	2	8	4·6	5·3	77	Fine.
Mean	1004·9	1005·8	85·2	83·7	87·9	81·4	1·4	0·8	11·9	11·7	84	91	2·4		1·9		7·1	6·8	157·4	2·10	79·9	
Mean Barometer at Station Level.	992·9	993·6																				

* Metres per second. † Beaufort Scale (0—12).

DOUGLAS, ISLE OF MAN, a.—AUGUST 1912.

Heights above Mean Sea Level:—Station, H = 84·5 m.; Barometer, H_b = 86·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·25 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second). 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200 + °	
1	997·6	1002·7	85·2	83·6	87	82	1·2	1·2	12·2	10·9	85	85	26	3	28	6	8	8	0·3	8·0	81	Fine. Squally after 11 h.
2	1008·4	1013·5	83·0	81·2	86	81	2·1	0·9	9·2	9·5	75	88	26	3	28	1	6	0⌓	—	9·8	82	Very fine. ⌓.
3	1014·2	1012·1	86·3	85·2	87	n 79	2·0	1·3	11·9	11·9	77	83	12	2	4	3	3	10	4·5	8·2	n 76	⌓² a. Fine till 14 h.
4	1003·3	993·9	83·6	86·5	87	82	0·0	0·2	12·6	14·9	100	98	6	5	6	2	10●	10●	36·7	—	82	● all day. K 20 h.
5	996·9	1001·0	83·2	85·2	87	83	0·4	1·2	11·9	12·2	96	87	22	7	18	3	10●	2	—	4·8	83	● till 9 h. Squally after 20 h.
6	997·6	996·2	85·8	86·2	x 89	85	0·7	1·0	13·6	13·2	92	88	6	3	4	2	10	10	0·3	0·2	82	●⁰ 7 h.–8 h. Dull. ●⁰ 15 h.–16 h.
7	997·6	1002·3	87·4	85·5	x 89	85	2·2	0·9	12·6	12·9	76	89	32	3	32	1	8	10	0·4	1·1	84	Gloomy.
8	1006·7	1008·8	85·6	83·6	x 89	83	0·9	0·0	12·9	12·6	89	100	26	3	24	1	10	10	1·4	4·2	81	Fine. < 19 h. 30 m.
9	1008·4	1008·8	84·6	83·0	87	81	1·6	0·6	11·2	11·2	81	93	24	3	28	1	8	8	1·0	4·5	79	Cloudy and squally.
10	1008·8	1014·5	85·8	83·6	87	80	2·7	0·6	10·5	11·9	71	93	30	1	26	1	8	8	—	3·6	79	Gloomy. ⌓ p.
11	1018·3	1019·3	85·1	84·0	88	82	1·5	1·0	11·5	11·5	81	87	24	3	28	2	4	4	1·1	8·5	81	⌓ a. Very fine.
12	1015·9	1014·5	87·0	85·1	x 89	83	1·7	0·9	12·9	12·6	81	88	6	3	32	3	8	8	3·4	5·2	81	Cloudy till 11 h. Fine.
13	1011·8	1008·1	85·6	84·1	87	83	2·0	1·3	11·2	11·2	76	84	26	5	28	4	4	8	1·8	8·8	82	Fine till 16 h.
14	1002·0	1002·3	83·6	84·2	85	82	0·6	0·0	11·9	13·2	93	100	26	5	26	2	10●	10●	3·8	—	81	Squally, with ● showers. < p.
15	1004·7	1010·5	84·7	84·1	86	84	0·5	0·6	12·9	12·2	94	92	26	5	26	3	10●	10	1·8	—	84	● showers a. ●⁰ 20 h. <.
16	1010·5	1011·1	86·5	85·9	88	83	0·9	0·2	13·9	14·6	89	98	16	2	22	1	8	10	7·6	1·3	82	Cloudy to overcast. ≡ 13 h.–15 h.
17	1007·8	1006·7	86·9	85·2	87	85	0·0	0·0	15·9	14·2	100	100	16	4	22	1	10≡●	10	1·3	0·5	85	≡●. Squally. Fine p.
18	1002·7	1000·6	86·8	85·2	88	84	1·0	0·2	13·9	13·6	88	97	18	2	12	2	8	4⌓	—	4·6	82	Fine. ●⁰ noon. ⌓ p.
19	1000·0	997·2	86·7	84·7	88	85	0·8	0·3	13·9	13·2	90	97	16	2	6	1	8	10	7·0	1·7	84	⌓ a. Gloomy. K midt.
20	997·6	1005·7	84·7	82·1	86	82	0·4	0·8	13·2	10·5	96	91	26	5	26	5	10	3	1·9	3·6	83	● noon. ▲● 16 h.
21	1011·5	1014·9	84·5	81·8	87	81	1·6	0·5	11·2	10·5	81	94	24	6	26	1	4	4	3·3	7·5	80	● showers 16 h.–19 h. 30 m.
22	1018·3	1014·9	84·6	84·4	88	80	1·6	0·2	11·2	13·2	81	97	24	5	22	1	3	10⌓	19·1	8·2	79	Dull after 15 h. ⌓.
23	1002·3	1001·7	87·0	85·8	x 89	84	0·0	0·5	15·9	13·9	100	94	22	2	4	1	10≡●	10≡	2·1	—	84	≡● till 13 h., then ● showers.
24	1002·7	1004·7	85·1	85·4	x 89	84	0·8	0·6	12·6	13·2	90	92	4	4	8	2	10	10●	1·3	—	84	Dull. ● showers after 20 h.
25	1004·4	1001·7	84·7	85·6	87	84	0·1	0·4	13·6	13·9	99	95	8	2	12	1	10	10	—	0·2	84	Dull. ≡ after 20 h.
26	996·2	1000·3	84·7	83·0	86	83	1·1	2·0	11·9	9·2	86	76	4	5	2	1	10	3	—	—	84	Dull.
27	1004·0	1008·1	84·7	81·0	87	n 79	3·4	1·3	8·8	8·8	64	84	2	2	30	1	4	0⌓	0·3	7·8	77	⌓ a. Very fine.
28	1009·1	1002·0	84·8	85·5	86	n 79	1·0	0·3	11·9	13·9	87	96	16	3	16	5	10	10●	22·6	—	n 76	Dull a. ● after 13 h.
29	994·2	995·2	85·7	86·1	x 89	84	1·0	0·3	12·9	14·6	88	96	22	6	20	4	8	10	4·3	3·6	83	● a. ● showers after 15 h.
30	1002·7	1015·5	85·8	83·6	87	84	0·7	1·2	13·5	10·9	92	86	26	5	24	3	6	3	—	6·8	84	
31	1019·3	1015·2	84·3	84·7	87	82	1·3	0·3	11·2	13·2	84	97	24	2	20	4	8	10●	4·8	4·0	80	⌓ a. Cloudy.
Mean	1005·6	1006·6	85·3	84·3	87·4	82·5	1·2	0·7	12·4	12·4	87	92	3·6		2·2		7·9	7·2	132·1	3·76	81·6	
Mean Barometer at Station Level.	995·3	996·2																				

STONYHURST, LANCASHIRE, a.—AUGUST 1912.

Heights above Mean Sea Level:—Station, H = 114·3 m.; Barometer, H_b = 110·6 m. Heights above Ground:—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 53° 51′ N. Long. 2° 28′ W. *Time*, Local mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	Dep. of Wet 21 h.	Vap. Pr. 9 h.	Vap. Pr. 21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	996·6	1001·3	84·5	84·7	87	84	0·9	1·1	11·9	11·9	89	86	26	5	24	3	10	5	1·6	1·1	82	K 1 h. and 5 h. ● showers.
2	1007·4	1013·5	85·0	81·9	86	82	3·7	2·1	8·5	8·5	61	74	22	4	—	1	7	4	—	6·4	80	Fine.
3	1015·2	1012·8	85·2	85·1	88	81	2·2	2·9	10·5	9·5	74	68	—	1	10	4	6	10	8·9	4·2	76	Fine a. Cloudy p.
4	1002·7	995·2	86·0	86·9	x 91	82	1·0	0·6	13·2	14·6	88	93	8	5	—	1	10●²	10●	30·7	0·6	79	●² 3 h.–10 h. K 19 h.–20 h. 30 m.
5	998·3	1003·3	83·6	84·5	88	83	0·7	1·3	11·5	11·5	92	85	20	8	—	1	10●	5	1·0	5·3	81	●².
6	997·6	994·5	86·9	85·2	89	84	1·9	0·8	12·6	12·6	79	90	8	4	4	2	10	8	10·4	1·6	80	T●²▲² showers 17 h.–18 h.
7	994·9	1000·6	85·8	85·2	88	84	1·7	1·1	11·9	12·2	81	86	—	1	—	1	10●	10	0·8	0·1	82	T● showers.
8	1005·7	1008·4	87·4	85·2	90	82	2·2	1·1	12·6	12·2	76	86	24	3	—	1	7	10	1·5	5·3	81	Fine.
9	1008·1	1009·8	86·3	83·3	87	82	2·7	1·6	10·9	10·2	70	81	26	5	—	1	8≡⁰	10	0·5	2·9	80	●⁰. Dull and overcast.
10	1008·8	1013·8	85·6	85·0	89	81	2·0	2·3	11·2	10·5	77	74	—	1	28	2	10	8	0·8	1·1	79	Dull and cloudy.
11	1017·9	1019·3	85·8	83·6	88	81	1·7	1·5	11·9	10·5	81	82	24	2	—	1	9≡⁰	5	—	3·5	78	● showers.
12	1016·6	1013·5	84·7	83·6	89	80	1·0	2·1	11·9	9·5	87	76	—	1	—	1	8≡⁰	0	—	5·9	76	Fine.
13	1009·8	1006·4	86·3	84·1	88	81	2·7	1·5	10·9	10·9	70	82	28	3	24	4	7	8	12·0	7·3	79	Fine. ● showers n.
14	1001·7	1002·0	84·4	84·7	86	82	1·8	0·6	10·5	12·6	79	93	24	5	24	2	10●	10	6·5	0·1	81	●² 2 h.–6 h. ● showers.
15	1003·7	1009·1	85·5	85·0	87	85	0·8	0·6	12·9	12·9	90	93	24	4	24	5	10●	10●	2·3	—	83	● all day.
16	1013·2	1013·8	86·3	85·8	89	84	1·6	1·7	12·6	11·9	81	81	22	2	22	2	10≡⁰	6	4·1	0·9	82	● showers.
17	1010·8	1007·4	88·0	87·4	90	84	0·9	0·7	15·3	14·9	90	91	16	5	16	4	10●	10●	9·5	—	81	● early a., and 17 h.–midt. < n.
18	1003·7	1001·7	86·6	84·4	90	83	1·4	0·8	12·9	11·9	84	89	22	2	—	0	8	8	4·4	2·0	82	Fine a ●² 16 h.–17 h.
19	1001·3	998·3	86·3	85·2	89	83	1·6	1·1	12·6	12·2	81	86	16	4	—	1	10	10	3·6	—	81	≡⁰●⁰T. ● 16 h.
20	996·6	1005·4	85·8	82·4	87	82	1·5	0·9	12·2	10·5	83	88	24	3	24	4	10	5	2·1	0·5	81	● showers.
21	1011·5	1014·5	84·7	83·1	86	81	1·1	0·8	11·9	11·2	86	91	24	6	—	1	9	10	4·4	5·1	79	Fine.
22	1017·6	1017·2	84·1	84·3	87	80	1·1	0·7	11·5	12·2	86	91	28	3	24	2	10●	10	19·8	4·5	77	● 9 h.–10 h. Sunny intervals.
23	1004·7	1000·6	84·9	87·4	88	84	0·6	0·3	12·9	15·6	93	96	—	1	24	3	10●	10●	25·4	—	82	●² 2 h.–midt.
24	1001·7	1005·0	86·3	84·7	88	84	0·8	0·8	13·9	12·2	90	90	6	3	4	2	10	10	3·6	—	83	Dull.
25	1005·4	1001·7	85·2	85·0	87	83	0·6	0·7	12·9	12·9	92	92	—	1	4	2	10	10≡⁰	0·4	—	82	Dark and overcast.
26	994·5	997·6	84·9	83·6	85	83	1·3	2·3	11·5	9·5	84	74	4	3	30	2	10	8	5·8	—	83	● 11 h.–15 h.
27	1002·7	1007·4	83·9	83·6	87	81	2·0	2·0	9·8	9·8	77	77	30	2	—	1	9	10	—	1·5	79	Dull and cloudy.
28	1010·5	1005·0	85·0	85·2	88	n 79	2·0	1·6	10·9	11·2	77	80	—	1	14	3	8	10	10·3	2·8	n 75	Fine a. ● 15 h.–18 h.
29	995·6	997·6	86·9	85·8	90	85	2·2	0·9	11·9	12·9	75	89	22	6	20	3	8	10	4·4	6·8	82	Fine. ● 19 h.–20 h.
30	1002·0	1013·2	85·5	84·1	87	84	0·8	1·9	12·9	10·2	90	77	24	5	28	2	10	2	—	2·0	84	Cloudy.
31	1019·3	1017·9	85·4	83·0	87	80	3·0	1·9	9·8	10·5	67	86	26	3	—	1	7	8	11·9	2·6	n 75	Cloudy. ● 23 h.
Mean	1005·6	1006·7	85·6	84·6	88·0	82·3	1·6	1·3	11·9	11·6	82	85	3·3		2·0		9·1	8·1	186·7	2·39	80·2	
Mean Barometer at Station Level.	992·5	993·5																				

* Metres per second.

† Beaufort Scale (0—12).

SHREWSBURY, SHROPSHIRE.—AUGUST 1912.

Heights above Mean Sea Level:—Station, H = 57·9 m.; Barometer, H_b = 64·7 m. Heights above Ground:—Therms., h_t = 1·2 m.; Rain-gauge, h_r = 0·3 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200 + °	
1	998·6	1003·3	86·9	84·1	91	82	1·7	0·4	12·9	12·6	81	94	28	4	20	1	4	7	0·1	—	80	
2	1008·8	1013·8	85·2	81·3	88	81	2·2	0·2	10·5	10·5	74	97	24	2	28	1	5	1	—	—	80	Bright, but cool.
3	1015·2	1011·5	84·8	83·2	90	n 75	2·1	0·0	10·5	12·2	76	99	4	1	12	1	3	10●	16·5	—	n 74	∞ a. Dull from noon.
4	1000·6	996·6	86·2	85·6	91	82	0·2	0·5	14·6	13·6	97	95	12	1	20	5	10●	10	14·2	—	82	● a. T● showers 16 h.
5	1002·3	1003·3	86·9	84·1	90	83	2·8	0·5	11·2	12·2	70	93	20	7	12	5	4	3	3·3	—	81	
6	995·2	993·5	86·5	84·6	91	82	1·4	0·5	12·9	12·9	84	94	12	2	28	1	7	10	26·2	—	81	T● showers 14 h.–16 h.
7	995·9	1002·3	85·7	86·3	90	82	0·5	0·7	13·9	13·9	94	91	24	2	28	2	10●	10	—	—	81	Gloomy.
8	1006·7	1009·1	88·1	85·2	89	84	1·9	0·9	13·6	12·6	80	89	28	1	28	1	6	9	1·5	—	81	
9	1009·8	1010·8	86·6	84·5	89	81	2·5	1·5	11·2	11·2	72	82	20	2	24	1	5	10●	6·6	—	80	Bright, but cool. ● n.
10	1008·1	1014·2	86·1	83·4	87	82	1·0	1·0	13·2	11·2	88	89	20	1	28	1	9	1	3·8	—	82	Dull a, then fine.
11	1018·9	1019·6	86·7	83·0	90	80	2·0	0·9	12·2	10·9	77	89	28	2	24	1	8●	3	0·2	—	79	Dull.
12	1015·9	1012·5	85·2	82·5	90	76	1·3	0·4	11·9	11·2	83	95	26	1	32	1	4	0	—	—	76	Clear and cold.
13	1011·1	1009·1	84·0	82·4	89	79	0·5	0·2	12·2	11·5	93	97	26	1	28	1	9●	1	—	—	77	Cloudy.
14	1005·0	1003·3	84·7	84·7	87	81	0·9	0·6	12·2	12·6	89	93	20	1	20	1	10	10	—	—	79	Dull.
15	1005·7	1011·8	86·3	84·7	88	84	0·4	0·5	14·6	12·9	94	94	20	1	20	2	10●	4	—	—	82	Dull.
16	1014·2	1013·8	88·1	85·1	90	82	1·8	0·4	13·9	13·2	81	95	20	1	12	1	10	6	1·8	—	80	● showers 15 h.
17	1011·8	1007·8	87·5	87·4	91	85	1·5	0·4	13·6	15·6	82	94	20	3	20	1	9	10●	6·6	—	82	Dull. ● 16 h.
18	1004·7	1001·7	86·6	85·3	91	82	1·5	1·1	12·9	12·2	83	86	20	1	20	1	4	10	—	—	80	Bright at times.
19	1001·3	997·6	87·0	84·1	87	83	1·4	0·3	13·6	12·6	84	95	16	3	16	1	10	3	7·1	—	81	Dull, with ● showers.
20	998·6	1007·8	86·3	81·9	90	81	1·1	1·1	13·2	9·8	87	86	20	3	24	2	8	7	1·0	—	81	Dull and cloudy.
21	1013·8	1014·9	85·4	83·1	89	79	3·4	0·1	9·2	12·2	64	99	24	5	20	1	5	10●	4·3	—	77	Fine. ● from 19 h. 30 m.
22	1019·6	1018·6	85·9	84·7	89	80	3·0	1·0	10·2	11·9	68	87	28	3	20	1	4	8	6·9	—	79	Bright at times.
23	1005·7	1002·3	88·1	88·6	90	83	0·1	0·6	17·0	16·6	99	94	20	3	20	3	10●	10●	2·5	—	82	Dull and gloomy.
24	1001·3	1003·7	88·2	86·9	89	87	0·4	0·3	16·3	15·3	96	97	20	1	20	1	10●	9≡	1·8	—	85	Frequent ●⁰.
25	1004·7	1000·6	88·2	85·2	x 92	85	2·0	0·5	13·6	13·2	79	93	20	2	20	1	7	0	8·6	—	84	∞ a. Bright.
26	993·5	997·9	85·2	83·0	86	83	0·0	0·1	14·2	12·2	100	99	28	1	28	3	10●	9	12·4	—	81	Drizzling ● most of day.
27	1003·7	1007·8	85·1	81·5	89	81	2·4	1·0	10·2	9·5	73	87	32	3	32	1	7	0	—	—	79	Cloudy.
28	1011·8	1005·7	84·6	86·3	89	n 75	1·7	1·1	10·9	13·2	80	87	12	1	12	3	1	9	7·4	—	75	Dull and overcast.
29	997·6	999·3	88·3	85·6	91	85	2·5	0·9	12·6	12·9	73	89	20	3	20	1	7	3	1·3	—	84	Dull.
30	1003·7	1014·2	87·1	84·7	89	83	0·8	1·7	14·6	10·9	91	80	24	3	28	1	9	1	—	—	80	Dull. ● shower 14 h.
31	1019·9	1018·6	86·3	82·3	90	80	2·2	1·0	11·5	10·2	75	88	24	2	28	1	5	9	1·3	—	76	Dull.
Mean	1006·6	1007·3	86·4	84·4	89·5	81·5	1·5	0·7	12·7	12·4	83	92	2·2		1·5		7·1	6·2	135·4	—	80·0	
Mean Barometer at Station Level.	998·9	999·6																				

CAMBRIDGE, a.—AUGUST 1912.

Heights above Mean Sea Level:—Station, H = 12·8 m.; Barometer, H_b = 13·1 m. Heights above Ground:—Therms., h_t = 1·2 m.; Rain-gauge, h_r = 0·3 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	Dep. of Wet 21 h.	Vap. Pr. 9 h.	Vap. Pr. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	997·9	1002·7	86·9	84·4	89	84	2·0	1·1	12·2	11·5	77	87	16	6	Calm	0	7	0	—	5·7	82	Squally a. Fine.
2	1006·1	1012·5	86·0	83·0	91	79	0·8	0·6	13·6	11·2	91	93	24	1	32	2	5	0	—	5·0	75	Sunny most of day.
3	1014·9	1011·5	86·3	86·9	91	n 76	0·5	1·7	14·2	12·9	93	81	32	2	12	2	0	10●⁰	5·8	3·4	n 73	Fine till 13 h. ● 20 h. 30 m.
4	1002·3	1000·6	88·6	86·9	x 95	86	0·6	2·4	16·6	11·5	94	73	12	3	20	4	10●⁰	3	1·0	3·8	85	Gloomy till noon.
5	1005·7	1006·7	88·0	85·9	92	84	3·6	1·7	10·9	11·9	64	81	20	5	12	2	5	8	2·5	9·0	81	Fine.
6	996·9	993·9	86·6	85·9	90	84	0·4	1·1	14·9	12·9	96	87	12	3	14	4-5	9	10	6·1	1·5	83	● a. ●² 15 h. ●² 18 h. 30 m.
7	995·6	1001·0	86·9	85·2	91	84	1·5	1·1	13·2	12·2	83	86	20	3	20	2	10	10	2·0	2·7	82	● a. Overcast, then sunny.
8	1006·1	1008·1	87·9	85·2	92	83	1·6	0·5	13·9	13·2	81	93	20	2	24	2	8	10	1·3	1·0	80	Overcast. ● 15 h. T 15 h.–16 h.
9	1009·1	1010·5	88·0	85·9	92	84	2·7	2·2	12·2	11·2	72	75	24	1	24	1	5	9	—	4·0	83	Fine till 15 h., then overcast.
10	1009·1	1011·5	87·5	84·7	90	83	2·5	0·5	11·9	12·9	73	94	14	2	20	2	10	10<	2·0	1·0	82	● 9 h. 30 m.–11 h. K 14 h.
11	1017·6	1018·6	87·4	84·7	90	82	2·2	1·1	12·6	11·9	76	86	24	2	Calm	0	0	10	1·0	3·5	80	Fine a. ●⁰ 16 h.
12	1015·2	1009·8	86·9	84·1	91	77	2·2	1·5	11·9	10·9	75	82	32	1	32	3	5	10	2·8	4·0	76	Fine. ●⁰ 17 h. 30 m.–18 h. 30 m.
13	1007·8	1007·4	86·0	82·1	89	80	2·7	0·6	10·5	10·9	71	93	30	4	20	1	8	0	—	4·0	79	Fine a, then overcast. ∞
14	1005·0	1004·4	86·3	84·1	88	79	2·2	1·0	11·5	11·5	76	87	20	2	16	3	9	2	1·0	1·1	75	Gloomy.
15	1005·4	1010·1	86·9	87·0	89	84	1·7	1·1	12·9	13·9	81	87	20	3	24	3	10●⁰	10	1·5	—	82	●⁰ a. and p. Gloomy.
16	1015·2	1015·9	87·9	88·0	92	82	2·0	1·1	13·2	14·9	78	88	20	2	14	3	10	10	1·3	1·5	79	Sunny 10 h.–14 h.
17	1014·5	1010·8	89·2	88·9	92	86	1·2	1·5	15·9	15·3	87	85	20	5	12	2	9	10	1·8	0·2	83	Overcast.
18	1004·4	1004·0	88·7	85·1	92	85	0·7	0·8	16·3	12·6	93	90	16	3	16	2	10●⁰	0	5·6	1·3	86	● a. K 15 h.–16 h. ●² 16 h.
19	1004·0	1001·0	88·0	89·2	92	84	1·6	0·7	13·9	16·6	83	92	20	3	20	3	10●⁰	10K●	13·2	2·2	82	K●² 14 h. K 15 h.–16 h. ●² 16 h.
20	1000·0	1006·7	88·1	84·7	92	84	2·1	0·5	13·2	12·9	77	94	20	3-4	16	3	10	10●⁰	11·2	3·6	82	T 1 h.–15 h. ●²△ 16 h. K 16 h. 30 m.
21	1014·2	1014·9	85·8	85·7	90	80	2·8	1·0	10·2	12·9	70	88	20	4-5	20	2	2	10●⁰	21·8	6·7	79	Sunny most of day.
22	1017·2	1018·6	86·3	84·7	90	81	2·4	2·3	11·2	10·2	73	74	24	5	24	3	5	8	4·3	5·5	80	Fine.
23	1009·1	1003·0	86·3	89·6	90	83	0·1	1·0	14·9	16·6	99	89	14	2	20	5	10●⁰	10	16·8	—	81	● n, and till 15 h. ● p.
24	1001·7	1003·0	88·4	88·6	90	88	0·4	0·3	16·6	17·0	96	97	20	2	20	1	10●⁰	10	4·3	—	86	● a. T 11 h. ●² 19 h.
25	1004·7	1001·0	88·0	88·0	93	86	1·0	1·1	14·9	14·9	89	88	16	1	Calm	0	9	10	17·5	3·5	87	Sunny.
26	990·1	992·2	86·2	83·0	89	82	0·2	0·3	14·6	11·9	97	97	24	1	24	3-4	10●²	10●²	43·9	—	84	● n, and till 21 h.
27	1000·3	1005·7	85·8	84·1	90	83	2·0	0·4	11·2	12·6	77	94	24	3	24	1	9	9	—	3·0	81	Sunny.
28	1011·1	1008·4	85·9	87·0	91	82	2·1	1·8	11·2	12·6	76	80	32	1	12	3	4	9	0·3	4·4	79	Sunny.
29	998·9	1001·7	89·2	87·2	93	86	1·1	1·9	15·9	12·9	88	79	14	4-5	16	3	10	7	8·9	5·2	85	● a. Sunny p.
30	1003·7	1011·8	89·7	84·5	93	85	2·2	1·3	14·6	11·5	78	85	20	3	28	1	8	0	—	4·0	82	Fine.
31	1018·3	1018·6	86·3	83·0	91	82	2·4	0·1	11·2	12·2	73	99	26	1	Calm	0	3	2⌓²	5·3	7·6	79	Sunny.
Mean	1006·5	1007·3	87·3	85·7	91·0	82·9	1·7	1·1	13·3	12·8	82	87	2·7		2·2		7·4	7·3	183·2	3·17	81·1	
Mean Barometer at Station Level.	1005·1	1005·8																				

† Beaufort Scale (0—12).

SOUTHAMPTON, HAMPSHIRE, a.—AUGUST 1912.

Heights above Mean Sea Level:—Station, H = 19·5 m.; Barometer, H_b = 25·6 m. Heights above Ground:—Therms., h_t = 1·37 m.
Rain-gauge, h_r = 0·3 m. Lat. 50° 55′ N. Long. 1° 24′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or *Velocity (metres per second.)* 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 +	200 +	200 +	200 +	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200 + °	
1	1002·3	1005·0	88·1	85·9	x 92	84	4·0	1·8	10·5	11·9	61	80	20	2	28	2	5	8	—	7·3	82	Fine.
2	1009·8	1013·8	88·0	85·7	91	81	2·8	0·9	11·9	12·9	71	89	28	1	4	1	3	4	2·8	6·7	79	● 14 h. 20 m.–15 h.
3	1016·6	1009·4	85·8	86·6	90	80	1·5	0·5	12·2	14·6	83	94	4	1	12	3	10	10●	15·5	0·6	77	● showers after 17 h.
4	1000·6	1004·7	90·9	86·3	x 92	86	1·1	2·2	18·0	11·5	88	76	12	3	24	5	10	10	2·3	1·5	86	● showers 11 h.–17 h.
5	*1009·1*	1005·4	87·4	87·7	90	85	2·4	1·4	12·2	13·9	74	84	24	3	20	4	5	10	11·9	7·5	83	●⁰ showers *p.*
6	991·5	996·9	85·8	86·4	89	85	1·0	1·3	12·9	12·9	88	84	12	5	20	2	10	10	2·4	0·8	82	● till 3 h. 30 m. ● showers *a.*
7	998·6	1005·0	86·9	87·6	x 92	85	0·6	1·1	14·6	14·6	92	87	20	2	20	2	5	10	1·8	5·0	84	● at times *a.*
8	*1009·1*	1011·1	87·9	86·1	91	85	2·0	1·1	13·2	13·2	78	88	20	2	24	3	7	10	4·8	2·7	84	● showers
9	1011·8	1012·5	87·4	85·3	91	81	2·1	1·3	12·6	11·9	77	84	24	1	20	2	2∞	1	3·1	5·7	79	Fine.
10	1011·8	1014·5	86·6	85·3	89	83	0·5	1·0	14·6	12·6	94	87	20	2	28	3	3	5	7·0	2·4	82	K 10 h. ● *a.* and *p.*
11	1023·0	1021·0	88·6	84·5	91	81	3·3	0·7	11·9	12·2	67	92	24	1	20	1	3	10●⁰	1·4	3·1	78	Bright intervals.
12	1015·5	1007·4	84·7	84·6	87	84	0·5	0·8	12·9	12·2	94	90	4	1	4	4	10	10●	4·6	—	84	Dull and cold. ● from 17 h.
13	1010·1	1010·8	85·2	83·9	90	81	2·1	1·1	10·5	11·2	75	87	4	2	28	2	2	0	3·3	4·4	81	● 15 h. 30 m.–16 h.
14	1009·8	1008·1	86·1	84·7	90	81	1·6	1·3	12·2	11·5	82	84	20	2	20	2	3	10	0·8	3·7	79	Fine *a.* Dull with ● *p.*
15	1008·8	1014·2	86·9	85·8	88	84	1·9	1·6	12·6	11·9	79	82	20	3	20	1	10	2	—	—	84	● early *a.* Dull.
16	1019·6	1017·9	88·0	87·5	91	84	2·0	0·2	13·2	15·9	78	97	20	2	20	3	10	10●	4·6	1·7	80	● from 14 h. 30 m.
17	1016·6	1012·1	88·6	88·0	90	87	1·1	0·5	15·6	15·9	89	95	20	3	20	2	10	10●	12·7	—	87	Dull, with ●.
18	1008·8	1005·4	88·0	87·0	89	86	2·1	1·0	12·9	13·9	77	88	20	3	20	2	10	2	5·3	2·3	86	● *a.* and *p.* Bright intervals.
19	1003·3	1000·3	88·0	86·6	91	86	1·0	0·7	14·9	14·2	89	91	20	2	12	4	8	10●²	7·1	3·6	83	● showers. < *p.*
20	1003·0	1006·7	87·7	84·7	90	85	1·4	1·1	13·9	11·9	84	86	20	3	28	3	10	2	4·6	4·7	84	● showers. K 20 h.
21	1017·6	1016·9	86·9	86·3	89	81	2·2	0·5	11·9	14·2	75	93	24	2	20	3	5	10●	2·0	2·4	77	Dull. ● *p.*
22	1021·0	1022·0	86·3	86·3	91	82	2·2	1·1	11·5	13·2	75	87	28	3	28	2	2	10●	4·3	8·3	80	Bright till 19 h.
23	1012·5	1009·8	87·5	88·3	91	85	0·2	0·3	15·9	16·6	98	97	20	3	28	3–4	10	10●⁰	9·4	0·2	85	Fair 11 h.–15 h.
24	1006·4	1004·7	87·4	89·7	91	85	0·2	0·6	15·9	17·6	98	94	20	2	24	1	10●	4	7·1	0·9	84	● till 14 h. 30 m.
25	1007·1	1003·0	88·0	86·9	91	85	2·2	0·8	12·9	14·2	76	90	20	1	12	1	9	10	14·5	0·4	82	Fair.
26	995·6	995·9	85·5	85·0	91	85	0·3	0·6	13·9	12·9	96	93	20	2	28	2	10	10●	5·9	3·1	85	Fine till 14 h.
27	1003·7	1007·1	85·2	83·9	89	83	1·6	1·0	11·2	11·5	80	89	28	2	28	2	8	0	—	1·1	81	Fair.
28	1009·4	1008·8	85·3	88·0	90	n 79	1·6	1·7	11·5	13·9	80	82	4	2	20	2	0	10	10·4	3·8	n 76	Cloudy from 11 h.
29	1000·3	1005·7	86·9	88·0	x 92	87	0·3	1·2	15·3	14·6	97	87	24	2	20	3	10	10	1·3	5·9	86	● early *a.* Fine.
30	1005·7	1016·2	88·7	86·9	90	86	1·3	1·2	15·3	13·6	87	86	20	2	28	1	4	0	3·8	3·9	85	Fine from 11 h.
31	1023·0	1023·0	88·6	86·1	90	82	2·8	2·2	12·6	11·2	71	75	28	1	28	1	2	5	2·3	6·3	81	Fine *a.* Dull *p.*
Mean	1009·1	1009·5	87·2	86·3	90·2	83·7	1·6	1·1	13·3	13·4	82	88	2·1		2·3		6·6	7·2	157·0	3·23	82·1	
Mean Barometer at Station Level.	1005·9	1006·4																				

FALMOUTH, CORNWALL, a.e.—AUGUST 1912.

Heights above Mean Sea Level:—Station, H = 50·9 m.; Barometer, H_b = 55·8 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·6 m Lat. 50° 9′ N. Long 5° 4′ W. *Time*, Greenwich mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	Vap. 9 h.	Vap. 21 h.	% 9 h.	% 21 h.	Wind 9 h.		Wind 21 h.		Cloud 10 h.	Cloud 22 h.	Rain 10 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
													*		*							
1	1005·4	1007·4	87·3	84·1	89	84	2·7	1·0	11·5	11·5	71	87	28	4	24	2	7	1	1·0	9·3	—	Bright and fresh.
2	1011·1	1014·9	86·0	83·6	88	82	2·3	1·8	11·2	10·2	74	79	30	3	—	1	7	0	3·3	9·6	—	Bright and fresh.
3	1012·5	1002·3	84·8	85·4	87	n 81	0·9	0·2	12·2	13·9	89	98	6	2	10	5	10●	10●	48·5	—	—	Very wet and cold.
4	997·6	1007·8	86·1	84·7	88	84	0·8	1·4	13·6	11·5	91	83	26	7	22	6	10	0	2·8	0·8	—	●² 0 h. 20 m. and 5 h. 20 m. ● from 17 h.
5	1008·1	998·3	86·8	85·2	89	82	1·4	0·5	13·2	13·2	84	94	20	5	14	5	7	10●	29·5	3·5	—	Intermittent sunshine.
6	995·6	1000·3	84·7	85·1	89	84	0·8	1·0	12·2	12·2	90	87	26	5	22	5	10	6	3·6	5·0	—	●² till 9 h.
7	1002·0	1008·8	86·9	85·6	88	85	1·4	1·5	13·2	11·9	84	82	28	4	24	5	8	2	3·6	2·6	—	Intermittent sunshine.
8	1012·1	1013·2	86·0	83·1	89	82	1·2	0·9	12·9	10·9	86	89	26	5	24	2	9	1	—	3·6	—	Cloudy to fair.
9	1013·2	1012·1	86·9	85·3	89	n 81	2·4	0·5	11·5	13·2	73	93	22	3	20	2	5	10	4·1	8·5	—	Fine and bright.
10	1007·4	1019·3	86·9	84·4	88	84	1·0	1·4	13·9	11·2	88	83	20	3	26	3	9	0	—	3·5	—	●⁰ showers.
11	1023·0	1020·6	86·8	83·6	89	83	2·2	0·9	11·9	11·5	75	90	24	2	12	2	10	10●	20·3	0·8	—	Sunny midday.
12	1011·1	1008·4	84·2	84·6	85	83	0·3	1·6	12·6	10·9	96	81	6	5	2	5	10●	10	19·8	—	—	Dull. ●² *p.*
13	1015·2	1013·5	85·2	83·5	87	83	1·1	1·0	12·2	11·2	86	88	30	5	24	2	5	1	3·1	7·7	—	Much passing cloud.
14	1010·1	1010·5	85·3	84·2	87	83	1·2	0·9	12·2	11·9	85	89	26	4	24	4	6	0	1·0	3·0	—	● early. Intermittent sunshine *a.*
15	1011·8	1016·9	86·0	84·3	89	84	1·5	0·3	12·2	12·9	83	96	26	4	22	3	10	9	1·8	1·2	—	Fair, but overcast.
16	1017·2	1015·9	86·5	87·3	89	85	0·2	0·0	14·9	16·3	97	99	20	7	20	6	10●⁰	10●⁰	8·6	—	—	Dull and damp.
17	1012·5	1009·4	87·5	85·1	88	84	0·1	0·3	16·3	13·6	99	95	18	6	—	0	10●	10	13·2	—	—	Very dull and wet throughout.
18	1005·4	1002·7	86·7	85·6	89	84	0·5	0·4	14·6	13·9	94	95	18	3	20	4	8	8	31·5	3·3	—	●² showers.
19	998·9	998·9	85·5	84·8	88	84	0·3	0·4	13·9	13·2	96	96	18	3	22	6	8●	9	13·0	1·3	—	●² showers early *a.* and 22 h.
20	1004·7	1013·8	87·1	84·0	88	83	1·1	1·5	13·9	10·9	87	82	22	6	24	3	7	3	1·5	7·2	—	Very fine.
21	1018·6	1017·6	86·4	86·1	89	82	1·2	0·8	13·2	13·6	85	91	22	7	22	5	10●⁰	10●⁰	0·5	0·6	—	Overcast, with drizzle.
22	1024·7	1021·6	86·8	86·4	89	84	2·7	0·1	11·2	15·3	70	99	28	3	22	6	9	10	6·9	2·2	—	Bright early. ● in evening.
23	1013·8	1009·1	87·4	87·3	88	86	0·1	0·2	16·3	15·6	99	96	22	11	22	9	10●⁰	10●⁰	26·4	—	—	Dull. Very wet evening.
24	1001·7	1006·7	88·0	86·5	x 90	86	0·5	0·4	15·9	14·6	95	95	28	5	22	2	7	10	0·5	2·0	—	●² till 6 h.
25	1005·7	1000·0	86·9	85·9	89	85	0·5	0·5	14·9	13·9	94	95	—	1	—	0	10●⁰	10●⁰	3·8	—	—	Overcast and damp.
26	995·6	1001·7	86·8	85·2	89	84	0·8	0·5	14·2	13·2	90	93	22	4	26	3	9	2	1·0	5·5	—	Fair to sunny.
27	1004·4	1009·4	86·2	84·7	x 90	84	0·8	0·5	13·6	12·9	91	94	22	3	—	1	10	0	0·3	3·7	—	Fair to sunny *p.*
28	1010·1	1002·7	86·9	87·3	89	82	0·5	0·2	14·9	15·9	94	97	14	2	18	5	9	10	17·3	0·5	—	Fair. Damp evening.
29	1001·0	1001·7	87·3	87·3	89	85	1·0	0·6	14·2	15·3	88	93	20	7	20	6	5	9	0·3	4·8	—	●² till 2 h. 30 m. Sunny *a.*
30	1007·8	1018·9	87·7	85·7	89	85	1·4	1·4	13·9	12·2	84	84	30	4	26	3	7	2	—	10·3	—	Fine and bright.
31	1023·0	1022·3	86·9	85·7	89	84	2·1	0·7	12·2	13·6	76	92	28	3	22	2	2	1	0·3	3·5	—	Sunny intervals.
Mean	1009·1	1009·9	86·4	85·2	88·5	83·6	1·1	0·8	13·4	13·0	87	91	4·4		3·6		8·2	5·9	267·5	3·35	—	
Mean Barometer at Station Level.	1002·4	1003·2																				

* Metres per second. † Beaufort Scale (0—12).

ARMAGH, a.—AUGUST 1912.

Heights above Mean Sea Level:—Station, H = 59·8 m.; Barometer, H_b = 61·6 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or *Velocity (metres per second.)* 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 +	200 +	200 +	200 +	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200 + °	
1	999·3	1005·4	86·5	80·2	88	80	1·5	0·9	12·9	8·8	83	88	—	1	—	1	9	0	2·1	2·5	81	Showery till 14 h.
2	1009·4	1012·5	83·6	82·1	88	77	2·2	1·3	9·5	9·5	75	83	—	1	—	1	8	10	—	5·9	n 74	Fine, but cool.
3	1013·2	1011·8	85·0	83·0	89	77	1·9	1·2	10·9	10·2	78	85	—	1	—	1	9	7	2·5	5·4	n 74	Fine, but cool.
4	1005·4	996·6	82·2	83·2	84	80	0·4	0·2	10·9	12·2	95	98	4	2	30	2	10●	10●	41·0	—	77	● all day from 8 h.
5	995·9	997·2	85·1	83·6	89	83	1·9	2·0	10·9	9·8	78	77	22	4	18	3	10	2	—	3·1	82	● till 4 h. Fine.
6	997·6	997·9	85·4	84·9	87	79	0·9	0·6	12·9	12·9	89	93	—	1	—	0	10	10	1·4	—	75	Overcast.
7	999·6	1004·0	88·9	85·0	x 91	84	2·6	0·8	13·2	12·6	74	90	—	1	—	0	10	10	3·2	0·7	82	Overcast. Violent shower 16 h.
8	1007·8	1009·4	85·2	81·3	89	81	1·0	1·4	12·2	8·8	87	81	—	1	—	1	10	0	0·5	1·2	84	A few showers. Fine from 13 h.
9	1007·8	1008·1	84·9	82·8	87	80	2·3	1·6	10·2	9·8	74	82	20	2	—	0	10	9	2·1	1·9	78	● showers till 13 h.
10	1009·4	1014·5	86·1	82·6	89	80	3·1	1·4	10·2	9·8	67	82	—	1	—	1	10	0	0·3	4·7	77	Fine.
11	1018·9	1020·3	86·3	81·9	90	80	2·4	0·6	11·2	10·5	73	93	—	1	—	0	10	3	1·4	2·8	78	● showers 16 h.
12	1016·9	1016·6	86·2	80·9	89	77	1·9	0·7	11·9	9·8	78	92	—	1	—	0	10	2	0·1	1·7	77	Fine.
13	1013·2	1009·4	85·8	82·8	88	78	2·7	1·4	10·5	10·2	71	83	—	1	—	1	10	10	9·2	3·6	n 74	●² showers 12 h.–16 h. ▲ 15 h.
14	1002·7	1003·0	83·8	84·2	86	81	0·4	0·2	12·2	12·9	96	98	—	1	—	1	10●	10	3·6	—	81	Drizzle most of day.
15	1006·1	1010·1	86·4	82·6	87	82	1·1	1·3	13·2	9·8	87	84	—	1	—	1	10	10	0·8	—	84	Overcast.
16	1009·8	1009·4	87·0	84·9	x 91	82	1·4	1·2	13·6	11·9	84	85	16	3	—	0	10	7	3·1	1·2	81	Dry, but cloudy.
17	1003·3	1004·7	87·8	86·5	x 91	85	2·1	1·9	12·9	12·2	77	78	16	4	—	0	10	9	—	4·2	81	Fine.
18	1001·3	998·6	87·3	85·1	90	79	2·2	1·0	12·2	12·2	76	88	—	0	—	0	2	9	0·4	4·4	76	Fine.
19	998·6	997·6	87·1	84·4	89	83	1·1	0·4	13·9	12·9	87	95	—	0	—	0	10	10	23·4	0·1	82	●² 17 h. 30 m.–18 h. 30 m.
20	1000·0	1006·4	84·9	80·8	88	81	2·1	1·1	10·5	9·2	76	86	—	1	—	1	10	7	—	3·3	82	Fine, but cool.
21	1012·1	1015·5	84·7	80·8	88	79	2·5	1·5	9·8	8·5	72	82	20	2	—	0	9	3	—	4·6	77	Fine, but cool.
22	1018·6	1013·8	85·6	83·2	89	79	2·8	1·1	10·2	10·9	71	87	20	2	—	1	2	10●	23·0	4·0	77	Fine *a.* Showery *p.*
23	1000·3	1002·7	87·7	84·9	89	83	0·3	0·3	15·9	13·2	97	97	—	1	—	1	10●	10	1·9	—	83	Showery.
24	1004·0	1004·7	84·7	84·6	88	83	0·9	1·0	12·2	11·9	88	87	—	1	—	0	10	10	—	0·2	82	Overcast.
25	1004·0	1000·3	85·6	85·2	89	83	0·7	0·5	13·2	13·2	91	93	—	1	—	1	10	10	—	1·1	82	Fine *a.* Overcast *p.*
26	997·2	1001·7	84·1	81·5	86	81	1·5	0·6	10·9	10·2	82	92	4	2	—	0	10	4	—	—	83	Overcast till 20 h.
27	1004·4	1008·1	86·0	79·3	89	79	2·5	1·4	10·9	7·8	72	80	—	1	—	0	3	0	—	7·7	79	Very fine.
28	1005·4	996·6	86·3	85·1	87	n 76	1·7	0·7	12·2	12·9	81	91	—	0	14	4	10	10	28·7	—	n 74	● 11 h. 30 m.–17 h.
29	991·8	994·9	86·5	84·5	90	84	1·6	0·5	12·6	12·6	81	94	20	4	20	2	10	9	1·8	2·8	84	A few showers.
30	1005·7	1015·5	86·2	82·3	90	82	1·7	1·1	12·2	10·2	80	86	—	1	—	0	10	1	—	3·5	83	Fine.
31	1019·6	1013·2	84·7	84·8	88	79	1·6	0·6	11·2	12·9	81	93	22	2	20	3	8	10	2·4	1·5	77	Fine *a.* Drizzle after 16 h.
Mean	1005·8	1006·5	85·7	83·2	88·5	80·6	1·7	1·0	11·8	10·9	81	88	1·5		0·8		9·0	6·8	152·9	2·33	79·4	
Mean Barometer at Station Level.	998·4	999·0																				

MARKREE CASTLE, SLIGO, a.b.—AUGUST 1912.

Heights above Mean Sea Level:—Station, H = 37·2 m.; Barometer, H_b = 38·7 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 54° 11′ N. Long. 8° 27′ W. *Time*, Dublin mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	Vap. 9 h.	Vap. 21 h.	% 9 h.	% 21 h.	Wind 9 h.		Wind 21 h.		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine.	Min. Temp. on Grass.	Remarks.
													†		†							
1	1003·0	1007·8	85·4	85·8	87	79	1·6	0·8	11·5	13·2	80	91	32	3	Calm	0	9	5	3·1	2·8	81	● showers.
2	1009·8	1012·8	84·3	79·6	87	77	2·4	0·2	9·5	9·5	72	98	Calm	0	Calm	0	4	7	5·1	5·0	75	Fair *a.* ● showers *p.* ⌴ *n.*
3	1012·5	1011·1	86·3	82·4	90	n 74	2·2	0·5	11·5	10·9	75	93	Calm	0	Calm	0	8	10●	6·6	5·0	n 71	≡ *n.* Fine. ● *n.*
4	1008·1	1000·6	83·0	83·6	86	75	0·6	2·3	11·2	9·5	93	74	16	2	28	2	10	10●	7·6	—	73	● *a.* and *p.*
5	997·9	996·2	84·7	82·4	89	76	1·7	0·9	10·9	10·5	80	89	28	3	16	2	9	0	—	4·8	74	● early. Fine.
6	997·2	999·6	85·2	85·5	x 92	80	1·2	0·6	12·2	13·2	85	93	12	1	28	1	4	10	2·3	8·5	79	●⁰ in evening.
7	1001·3	1005·4	85·3	85·2	90	85	0·4	1·1	13·6	12·2	95	86	32	1	32	2	10●	9	1·0	3·2	84	● *a.* T
8	1008·4	1010·5	85·2	81·1	88	80	1·3	0·9	11·9	9·5	83	89	30	2	Calm	0	8	3	0·8	5·0	82	Fine, but cool.
9	1009·1	1008·4	86·3	82·4	86	78	2·3	0·5	11·5	10·9	74	94	24	1	Calm	0	7	9	1·0	1·3	75	●⁰ showers. Very cold.
10	1010·5	1016·9	84·7	83·6	87	78	1·4	0·7	11·5	11·9	83	92	Calm	0	30	1	10●	5	10·2	3·3	75	● showers.
11	1020·6	1020·6	84·3	80·2	88	80	1·6	0·5	10·9	9·5	81	92	30	1	Calm	0	7	0	—	6·0	77	Fair, but cool.
12	1018·9	1017·9	83·9	81·9	89	n 74	1·2	0·9	11·2	10·2	87	89	Calm	0	Calm	0	0	1	4·3	8·8	72	⌴≡ *n.* Fine.
13	1015·5	1010·8	83·0	83·4	88	80	0·6	1·0	11·2	11·2	93	89	Calm	0	Calm	0	10●	10	10·2	5·5	76	Showery and cool.
14	1006·4	1005·7	83·2	84·4	85	80	0·8	0·3	11·2	12·9	90	96	28	3	30	2	10●	10●	11·4	—	76	● *a.* Very cold.
15	1008·1	1010·8	84·1	84·7	88	83	0·5	0·6	12·2	12·6	93	93	28	2	Calm	0	10	10	1·0	1·3	84	Fair, but cool *p.*
16	1008·4	1008·8	85·5	84·7	90	84	0·3	0·9	13·9	12·2	96	88	20	1	Calm	0	10	10●	9·4	0·5	77	Fair, but overcast.
17	1003·0	1004·4	86·9	82·4	90	82	2·2	0·5	11·9	10·9	75	93	20	2	Calm	0	5	0	—	6·8	83	Fine and bright.
18	1001·0	999·6	86·3	83·8	90	81	1·1	0·6	13·2	11·9	87	93	12	1	Calm	0	9	9	1·3	2·5	78	●⁰ showers.
19	999·6	1000·0	87·4	83·6	88	81	1·3	0·8	13·9	11·5	84	90	Calm	0	Calm	0	10	7	18·3	0·1	79	Cool, with ●² showers.
20	1002·7	1008·4	84·1	80·2	86	80	1·8	0·2	10·5	9·8	80	97	28	2	Calm	0	9	1	5·1	4·0	80	Cool, with ● showers. ▲
21	1012·5	1016·9	86·3	80·8	88	80	3·0	0·6	10·5	9·8	68	93	32	1	Calm	0	6	5	1·0	4·2	77	●⁰ showers *p.*
22	1018·3	1012·1	87·8	83·9	89	76	2·3	0·3	12·6	12·6	76	96	24	2	12	1	5	10●	25·4	1·5	72	●² from 18 h.
23	1001·3	1004·0	87·7	84·9	89	84	0·3	1·0	15·9	12·2	97	88	20	1	Calm	0	10●	10	1·5	0·3	84	●² early *a.* Fair.
24	1005·0	*1005·4*	85·1	84·7	89	80	1·0	0·6	12·2	12·6	87	93	Calm	0	Calm	0	4	10	—	1·5	76	Fair, but cloudy.
25	1004·0	1000·3	87·7	86·1	91	82	1·6	0·9	13·6	13·6	81	90	8	1	8	1	8	10	2·3	3·5	80	● from 17 h.
26	998·3	1003·7	85·8	81·5	87	81	0·6	0·3	13·6	10·5	93	97	Calm	0	Calm	0	10●	1	—	—	82	Fair, but cool.
27	1004·7	1008·1	84·0	81·1	90	77	1·0	1·4	11·5	8·8	87	82	Calm	0	32	1	0	4	—	8·2	75	Very fine.
28	1004·7	994·9	82·8	85·8	87	77	0·6	0·6	11·2	13·6	93	93	12	3	Calm	0	10	10●	13·7	—	74	Rainy and cool.
29	992·8	997·2	86·0	85·2	91	85	0·5	0·6	13·9	12·9	95	92	20	2	28	1	10	10●	6·1	3·8	81	Mild, with ● showers.
30	1007·1	1018·3	86·0	82·2	88	82	0·8	0·9	13·6	10·2	91	89	32	1	Calm	0	8	5	—	4·3	84	Fair, but cool.
31	1019·9	1015·2	85·8	85·2	88	78	1·2	0·5	12·6	13·2	86	93	16	1	28	2	6	10	2·0	1·0	75	Fair *a.* ● showers *p.*
Mean	1006·8	1007·5	85·3	83·3	88·5	79·6	1·3	0·7	12·1	11·4	85	91	1·2		0·5		7·6	6·8	150·7	3·31	77·8	
Mean Barometer at Station Level.	1002·1	1002·8																				

* Metres per second. † Beaufort Scale (0—12).

DUBLIN (PHŒNIX PARK), a.—AUGUST 1912.

Heights above Mean Sea Level:—Station, H = 47·3 m.; Barometer, H_b = 48·5 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second). 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 +	200 +	200 +	200 +	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200 +	
1	1000·6	1006·7	86·5	82·2	89	81	2·1	1·0	11·9	10·2	76	88	26	4	—	1	7	8	2·0	3·6	81	● at intervals a. and p.
2	1010·1	1013·5	84·6	82·2	88	77	2·1	3·2	10·5	7·5	76	63	22	3	—	0	7	3	2·0	6·2	75	Bright intervals. ● 18 h.-20 h.
3	1013·8	1010·8	86·4	84·5	89	75	2·7	1·6	10·9	11·2	70	81	—	0	—	0	2	10	14·3	4·3	73	Fine, but cloudy.
4	1002·0	998·3	83·4	82·3	85	82	0·2	0·5	12·2	10·9	98	94	32	8	24	5	10●	10●	35·3	—	82	●^{2} 2 h. 30 m.-9 h.
5	999·6	999·3	85·9	83·9	90	81	2·4	1·5	10·9	10·5	74	81	*20*	*7*	—	*0*	8	2	—	7·6	80	Fine and bright.
6	996·2	997·2	86·9	85·1	88	77	1·3	0·3	13·6	13·6	85	95	*6*	*3*	—	1	8	10●	1·9	0·3	74	● a. and p. Dull.
7	999·6	1004·4	86·7	84·9	90	84	1·0	0·4	13·9	13·2	88	95	26	3	22	2	10	10	6·1	—	84	●^{2} at intervals p.
8	1008·4	1010·5	86·5	83·9	89	84	1·7	0·8	12·2	11·5	80	90	26	2	—	1	8	7	—	2·3	83	Fine, but cloudy.
9	1009·8	1009·1	84·6	83·3	87	79	1·7	0·9	10·9	11·2	80	89	22	3	—	0	7	10	—	2·5	77	Fine, but cloudy.
10	1009·4	1016·2	86·1	82·1	89	81	2·0	0·4	11·5	10·9	77	96	30	2	22	2	6	3	0·3	2·7	80	Cloudy. ●^{2} 18 h.-19 h.
11	1020·6	1019·9	85·2	78·5	89	78	1·8	0·3	11·2	8·5	78	96	22	2	—	0	10	2	0·8	3·6	77	Cloudy. ●^{2} 13 h.
12	1016·6	1015·9	85·6	84·0	88	*n* 74	1·8	1·2	11·5	11·2	79	87	30	3	32	3	7	5	—	3·4	*n* 72	Fine, but cloudy
13	1014·2	1010·1	85·4	82·0	88	78	2·0	0·6	10·9	10·5	76	93	26	3	22	2	8	3	3·3	4·0	75	● at intervals p.
14	1005·4	1004·7	83·4	83·9	85	81	0·5	0·2	11·9	12·6	95	97	24	3	22	3	10	10●	8·1	—	80	Overcast.
15	1007·1	1011·8	85·2	85·0	88	84	0·6	1·1	12·9	12·2	93	86	22	3	22	2	10	10	0·5	0·8	84	Dull.
16	1010·5	1010·1	86·8	85·9	*x* 92	81	0·5	0·8	14·6	13·2	94	90	—	0	—	0	10	10	1·3	1·3	79	● 7 h.-8 h. 30 m.
17	1005·4	1005·4	90·3	85·7	91	85	1·6	1·1	16·3	12·6	82	88	18	5	18	3	8	3	0·3	1·2	85	● 9 h.-10 h. Dull.
18	1001·3	998·9	87·7	84·6	89	81	2·5	0·3	12·2	13·2	73	96	—	1	—	0	10	5	3·8	0·4	77	●^{2} at intervals 13 h.-21 h. ≡ n.
19	998·6	997·2	86·3	84·6	87	78	1·0	0·2	13·2	13·2	88	98	6	2	—	1	10	10	2·1	—	77	●^{2} at intervals a.
20	1001·7	1008·8	84·8	80·7	87	80	1·7	0·6	11·2	9·5	80	93	26	3	22	3	10	3	1·0	3·7	82	●^{2} 1 h.-3 h. ● showers.
21	1013·5	1016·2	84·5	82·7	89	79	1·6	0·3	10·9	11·5	81	95	22	3	—	0	6	8	0·5	2·8	76	● showers 15 h.-19 h.
22	1020·3	1015·5	85·4	84·0	89	79	1·5	0·3	11·5	12·6	81	95	22	3	—	1	3	10●	15·5	4·2	77	Bright intervals. ●^{2} 17 h.-21 h.
23	1002·3	1001·7	88·7	87·9	91	84	0·2	0·2	17·3	16·6	98	98	22	4	24	2	10●	10	5·1	—	84	Overcast, with drizzle.
24	1002·7	1004·4	85·7	82·9	89	82	0·7	0·1	13·2	11·9	92	99	32	2	—	0	10	6	—	0·3	84	Very dull.
25	1003·7	1000·3	88·4	83·4	89	81	1·7	0·2	14·2	12·2	82	98	6	2	—	1	10	5	10·4	0·5	79	●^{2} a. and p.
26	995·2	1002·0	85·7	82·9	86	81	0·2	0·4	14·2	11·5	98	95	4	3	—	0	10●	6	5·9	—	81	K●^{2} a.
27	1004·0	1008·1	86·1	81·5	87	77	1·7	0·3	12·2	10·5	81	97	—	0	—	0	8	2	—	1·6	75	Bright intervals 9 h.-11 h.
28	1006·4	997·6	86·4	86·3	88	78	1·1	0·6	13·2	14·2	87	92	8	2	10	2	10	10●	8·5	—	75	●^{2} showers a. and p.
29	994·2	996·2	86·7	84·1	89	84	1·4	0·2	12·9	12·9	84	97	20	4	22	2	8	3	9·4	1·7	82	●^{2} showers a. and p.
30	1006·1	1016·6	86·6	82·6	90	82	0·9	0·6	13·9	10·9	89	91	22	3	—	0	10	8	0·4	4·5	81	●^{2} 14 h.
31	1021·0	1014·2	85·3	86·1	89	79	1·8	1·5	11·2	12·6	79	82	22	2	20	4	2	10●	0·3	3·7	76	Cloudy.
Mean	1006·5	1007·1	86·1	83·7	88·5	80·2	1·5	0·7	12·6	11·8	84	91	2·8		1·3		8·2	6·8	139·1	2·17	78·9	
Mean Barometer at Station Level.	1000·6	1001·2																				

LIMERICK (MUNGRET COLLEGE).—AUGUST 1912.

Heights above Mean Sea Level:—Station, H = 14·3 m.; Barometer, H_b = 15·2 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 52° 38′ N. Long. 8° 41′ W. *Time*, Dublin mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Pr. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1004·0	1008·1	86·6	81·8	89	81	2·0	0·1	12·2	11·2	77	99	28	3	24	2	7	3	1·3	6·6	77	
2	1010·8	1013·2	84·7	80·7	89	*n* 75	2·3	0·2	10·2	10·2	74	98	Calm	0	Calm	0	6	0	—	9·7	*n* 74	Fine.
3	1012·5	1009·4	86·3	81·7	90	*n* 75	1·7	0·6	12·2	10·2	80	92	Calm	0	Calm	0	1	0	—	7·9	*n* 74	Fine.
4	1005·7	1004·7	84·7	83·5	87	79	1·6	0·6	11·2	11·9	81	93	28	4	24	3	1	1	0·6	0·9	75	Dull.
5	1002·0	998·9	86·2	81·7	89	80	2·1	0·3	11·5	10·9	76	96	20	3	16	3	8	1	—	8·8	76	Fine.
6	996·9	998·9	85·8	85·2	89	80	1·5	0·1	12·2	13·9	83	98	24	3	28	2	9	3	—	0·2	78	Dull.
7	1002·7	1006·1	86·3	85·1	90	84	1·2	0·1	12·9	13·9	85	98	28	3	24	3	9	10●^{0}	4·6	2·3	81	● from 18 h.
8	1010·1	1011·5	86·1	81·3	89	81	1·9	0·5	11·9	10·2	79	93	28	3	24	2	9	0	—	9·7	77	Fine.
9	1010·5	1007·4	84·7	82·9	86	76	1·3	0·0	11·5	12·2	84	100	12	3	12	1	9	10●^{0}	1·8	—	*n* 74	
10	1011·1	1017·9	85·9	84·1	89	81	2·3	0·6	10·9	12·2	74	92	28	2	28	3	7	4	0·4	5·6	80	
11	1021·0	1019·6	86·1	82·3	90	79	1·6	0·5	12·2	10·9	82	93	24	3	4	2	2	0	0·4	6·0	76	Fine.
12	1016·9	1015·9	85·2	83·5	89	79	1·4	1·1	11·5	10·9	82	87	4	4	32	3	1	0	—	8·0	75	Fine.
13	1015·9	1012·8	86·3	81·5	89	79	2·0	0·1	11·9	10·9	78	99	28	2	28	3	9	0	2·5	3·7	75	
14	1008·8	1008·1	84·1	83·5	87	81	0·6	0·4	12·2	11·9	92	95	28	2	28	6	10●	10●^{0}	4·1	—	77	
15	1010·1	1011·5	85·9	84·9	88	84	2·1	0·3	11·2	13·6	76	97	28	2	20	2	9	9	2·5	0·1	82	
16	1009·8	1007·4	86·8	85·9	90	83	0·8	0·1	14·2	14·6	91	99	24	3	12	2	9	10●^{0}	2·3	1·8	81	
17	1004·0	1004·7	87·4	83·0	*x* 91	83	1·8	0·6	12·9	11·2	79	92	20	4	Calm	0	7	0	0·6	7·1	80	Fine.
18	998·9	997·2	87·4	83·7	89	82	1·2	0·2	14·2	12·6	87	98	16	3	Calm	0	8	0	0·9	1·1	80	Wreaths of mist in hollows.
19	997·2	998·6	86·6	85·5	*x* 91	79	0·9	0·7	13·9	13·2	89	91	4	2	28	3	7	10	0·4	1·1	76	Dull, but fair.
20	1003·7	1010·1	85·2	81·0	87	81	2·3	0·2	10·5	10·5	73	98	28	2	20	3	4	2	1·3	7·0	79	Fine.
21	1013·5	1017·2	85·8	82·5	87	79	1·6	0·3	11·9	11·2	82	96	Calm	0	28	2	5	0	1·4	0·4	76	
22	1020·6	1012·8	85·5	85·4	88	77	0·3	0·1	13·9	14·2	96	99	20	1	16	4	9	10●	33·8	—	*n* 74	Dull a. ● p.
23	1003·7	1002·7	89·0	86·4	89	85	0·1	0·1	18·0	15·3	99	98	20	1	24	3	10●	10●^{0}	3·1	—	85	●^{0} all day.
24	1003·3	1003·7	85·3	86·3	89	85	0·7	0·4	12·9	14·6	91	95	4	2	Calm	0	10	10	0·6	—	84	
25	1002·7	997·9	87·5	84·1	90	84	0·7	0·3	15·3	12·6	91	96	Calm	0	Calm	0	8	4	9·8	2·0	81	
26	995·6	1002·0	85·7	85·4	89	83	0·6	0·8	13·6	12·9	93	90	Calm	0	4	3	3	10	—	—	81	
27	1003·3	1006·7	85·8	83·2	90	82	1·0	0·0	12·9	12·6	88	100	8	1	Calm	0	9	4	0·3	1·1	80	
28	1003·0	993·5	85·8	87·5	88	81	0·4	0·2	14·2	15·9	96	98	12	4	16	4	5●^{0}	10●^{0}	3·8	—	79	Drizzle all day.
29	993·2	997·2	87·5	84·6	90	81	1·2	0·1	14·2	13·6	85	99	20	4	20	1	6	5	2·5	1·5	79	Fine a. ● showers p.
30	1008·8	1018·6	87·4	83·7	90	81	1·4	1·2	13·6	11·2	84	86	24	4	Calm	0	7	9	—	8·9	79	Fine.
31	1021·0	1016·9	86·9	86·5	89	80	1·6	0·2	12·9	14·9	82	97	20	3	24	3	10	10	0·9	0·7	78	
Mean	1007·1	1007·5	86·2	83·9	88·9	80·7	1·4	0·4	12·7	12·5	84	96	2·3		2·0		6·9	5·0	79·9	3·30	78·2	
Mean Barometer at Station Level.	1005·3	1005·6																				

* Metres per second. † Beaufort Scale (0—12).

METEOROLOGICAL OFFICE, LONDON, *25th September* 1912.

DEERNESS, ORKNEY, a.b.—SEPTEMBER 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 49·7 m. Heights above Ground:—Therms., h_t = 1·2 m.; Rain-gauge, h_r = 0·3 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 +	200 +	200 +	200 +	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	°	
1	1005·4	1006·1	83·9	81·1	85	81	0·1	0·7	12·9	9·8	99	91	22	4	24	2	9	4	1·8	3·0	—	● n. and a. Very fine p.
2	1011·1	1019·6	82·8	79·1	86	79	0·6	1·0	11·2	8·2	93	87	32	4	2	3	10●	1	—	6·3	—	Fair a. Stars scintillating.
3	1015·5	997·9	82·8	83·5	84	*n* 78	2·5	0·1	8·5	12·6	71	98	12	6	16	8	10	4	3·4	—	—	Dull a. ● 13 h.-20 h.
4	990·5	992·5	84·3	82·6	85	81	0·8	0·8	11·9	10·5	90	90	18	7	24	11	9	1	9·1	—	—	Dull.
5	993·9	998·6	83·1	81·5	84	81	0·9	0·4	10·9	10·5	89	94	26	10	26	12	8	8●	1·4	0·8	—	● showers a. and p.
6	1004·4	1012·5	82·0	81·1	83	81	0·3	0·9	10·9	9·5	96	88	28	12	28	11	10●	8●	1·1	—	—	Drizzling ●.
7	1016·6	1017·9	80·6	79·9	82	79	0·6	1·4	9·5	8·2	93	81	26	7	30	2	10	8	—	0·1	—	Drizzling ● a. Cold.
8	1019·3	1022·3	80·6	79·3	82	*n* 78	2·1	1·7	7·8	7·5	74	78	30	6	30	8	7	8●	1·3	3·3	—	Fair, dry, and cold.
9	1023·0	1023·7	81·2	81·1	83	79	1·2	1·1	9·2	9·2	85	86	30	10	30	10	6	10●^{0}	0·5	2·9	—	Drizzling ● p.
10	1024·0	1023·0	80·6	80·6	82	80	1·4	1·0	8·5	9·2	82	87	30	10	30	10	10	10	—	—	—	Cold, dry, and breezy.
11	1024·0	1028·4	82·2	80·6	84	80	1·6	0·3	9·2	9·8	80	96	32	10	30	3	9	1	—	0·8	—	Breezy a. Fine p.
12	1029·4	1027·7	81·7	81·7	84	79	0·2	0·5	10·9	10·5	98	94	28	4	24	2	9	5	—	2·6	—	Misty a. Fine.
13	1024·0	1021·3	83·8	82·8	*x* 87	81	0·6	0·0	11·9	12·2	93	100	22	6	28	7	10	8	—	0·2	—	Dull. Drizzling ● after 15 h.
14	1022·7	1020·6	83·4	82·9	85	81	1·2	0·3	10·9	11·9	86	97	26	6	26	7	8	10●	2·3	0·5	—	⌓ a. Fine. T 20 h.
15	1020·3	1021·0	83·8	83·4	85	82	0·3	0·0	12·6	12·6	97	99	28	5	26	4	10●^{0}	10	0·3	0·3	—	Drizzling ● all day.
16	1019·3	1018·9	84·3	84·5	86	84	0·1	0·3	13·2	12·9	98	97	24	9	26	10	10	10	—	2·9	—	Drizzling ● a. Fair.
17	1021·3	1026·4	83·1	80·0	85	80	1·1	0·7	10·5	9·2	86	90	28	8	30	3	9	1	—	0·4	—	Fair a. Stars scintillating.
18	1030·4	1033·2	82·8	80·6	86	79	1·3	0·0	10·2	10·5	85	99	30	2	28	2	9	0	—	1·5	—	Very fine.
19	1033·5	1033·2	83·4	82·3	86	80	0·6	0·2	11·5	11·5	92	97	—	1	16	3	9	2	—	5·7	—	⌓. Very fine.
20	1032·5	1032·5	83·8	82·9	86	82	0·1	0·0	12·6	12·2	98	100	—	1	—	1	10≡^{0}	7≡^{0}	—	—	—	⌓≡^{0} a. Fine and mild.
21	1031·5	1031·1	83·9	82·8	85	82	1·7	0·6	10·5	11·2	80	92	14	5	—	1	5	0	—	6·6	—	⌓. Very fine.
22	1031·5	1030·8	84·5	82·8	86	81	0·6	0·5	12·6	11·2	93	93	16	3	16	3	0	0	—	9·0	—	Rime in valleys n. Fine.
23	1032·5	1031·8	84·5	82·8	86	81	0·6	0·5	12·6	11·2	93	93	16	3	14	6	0	0	—	8·6	—	⌓^{2}. Fine and bright.
24	1031·5	1028·7	83·9	82·5	85	81	1·1	0·8	11·2	10·5	86	89	16	3	14	6	1	0	—	7·8	—	⌓^{2}. Fine and bright.
25	1026·7	1025·0	83·2	82·3	85	82	1·0	1·4	10·9	9·5	88	82	16	7	14	7	6	2	—	6·8	—	⌓^{2}. Fine, bright, and breezy.
26	1023·7	1022·3	83·2	82·9	85	81	2·6	1·2	8·5	10·2	70	85	14	6	14	8	1	10	—	7·1	—	≡ a. Fine, bright, and breezy.
27	1022·7	1023·7	83·7	82·8	85	82	2·0	1·1	9·8	10·5	77	87	14	8	12	9	1	0	—	8·0	—	Fine and breezy.
28	1025·7	1026·0	83·4	83·2	84	82	1·6	1·7	10·2	9·8	81	80	10	8	10	7	8	10	—	2·3	—	Strong breeze and rough sea.
29	1024·0	1018·9	83·2	83·0	84	83	1·5	1·2	10·2	10·5	82	85	10	10	10	9	8	10	—	0·8	—	Strong breeze and rough sea.
30	1010·8	1004·4	83·4	82·8	84	83	0·9	0·2	11·2	11·9	90	99	8	10	6	11	10	10	—	—	—	Strong breeze all day.
Mean	1020·7	1020·7	83·0	82·0	84·6	80·8	1·0	0·7	10·7	10·5	88	91	6·4		6·2		7·4	5·3	21·2	2·94	—	
Mean Barometer at Station Level.	1014·6	1014·6																				

ABERDEEN, a.e.—SEPTEMBER 1912.

Heights above Mean Sea Level:—Station, H = 14·0 m.; Barometer, H_b = 26·8 m. Heights above Ground:—Therms., h_t = 12·5 m.; Rain-gauge, h_r = 0·6 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Pr. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 10 h.	Cloud 22 h.	Rain 10 h.	Sunshine	Min. Temp. on Grass	Remarks
1	1008·1	1008·1	85·7	82·5	89	80	2·5	1·3	10·5	9·8	72	84	24	3	28	2	4	2	0·3	4·1	—	Fair to cloudy. ●^{0} showers p.
2	1011·1	1018·9	83·2	80·4	86	77	2·0	1·0	9·5	8·8	77	87	26	4	32	3	6	1	—	4·8	—	Fair.
3	1017·6	1002·3	82·6	84·6	86	*n* 75	1·5	0·5	9·8	12·9	81	94	16	3	18	3	10	10●	10·4	—	—	≡^{0} a. ● from 11 h.
4	997·2	1000·0	85·0	84·2	89	82	1·6	2·8	11·2	9·2	80	69	16	4	22	5	10●	2	—	3·0	—	●^{0} showers.
5	998·6	1003·3	84·9	82·3	86	81	3·3	1·9	8·8	8·8	65	76	24	7	24	6	9	8	0·8	3·6	—	●^{0} showers.
6	1005·7	1013·8	84·1	81·5	85	81	2·2	1·7	9·8	8·5	74	78	26	10	28	7	9	7	0·3	3·1	—	Squally; ●^{0} showers.
7	1018·6	1018·6	82·2	80·9	85	80	2·1	0·8	8·5	9·5	74	90	26	7	—	0	9	10●^{0}	3·1	—	—	Dull generally. Drizzle p.
8	1019·6	1023·3	82·2	78·5	83	77	2·4	1·3	8·2	7·5	70	83	30	3	28	4	8	4	0·3	2·4	—	●^{0} showers a. and n.
9	1024·0	1023·3	81·0	80·4	84	77	1·5	0·9	8·8	8·8	82	87	26	7	28	6	10●	9●	1·3	3·0	—	Cloudy and squally; ●^{0} showers.
10	1023·3	1022·3	80·9	80·5	82	80	1·3	1·9	8·8	7·8	84	75	30	7	28	6	10●	10●^{0}	—	—	—	Dull and squally, with ●^{0}.
11	1023·0	1028·7	82·5	82·5	84	80	2·2	1·6	8·8	9·5	73	79	30	6	30	3	10	10	—	0·1	—	Dull all day.
12	1030·8	1029·1	82·8	82·6	86	79	2·0	1·0	9·2	10·5	75	88	28	4	18	2	1	1	—	9·9	—	Bright all day.
13	1027·4	1024·0	83·0	87·0	87	77	1·7	2·9	9·5	11·2	79	69	—	1	22	3	1	2	0·5	4·3	—	⌓ a. Bright to cloudy.
14	1025·0	1023·3	84·5	82·5	87	82	1·9	1·6	10·5	9·5	78	79	26	3	26	3	6	10	0·3	2·1	—	Fair to cloudy.
15	1022·3	1023·0	85·1	85·2	87	83	2·0	1·4	10·9	11·9	76	84	26	6	—	1	8	8	—	0·5	—	●^{0} shower early a. Dull.
16	1021·6	1022·3	88·4	85·1	*x* 91	83	2·2	2·8	13·2	9·8	76	69	26	2	22	2	5	4	—	6·0	—	⌓≡^{0} a. Fair.
17	1022·7	1027·4	86·7	83·3	87	82	2·6	0·9	11·2	11·2	72	89	26	4	—	1	9	10●	5·6	—	—	Cloudy to dull, with ●.
18	1031·8	1034·5	83·4	80·4	86	80	2·0	0·8	9·8	9·2	77	89	28	2	—	1	9	4≡^{0}	—	3·6	—	● a. Clear p. ≡^{0} n.
19	1034·5	1033·8	84·2	84·3	87	81	1·4	1·2	10·9	11·5	83	85	—	1	16	2	8≡^{0}	8	—	2·2	—	≡^{0} a. Cloudy.
20	1033·8	1033·8	84·3	82·5	86	82	1·8	1·1	10·5	10·2	79	86	16	2	18	2	10	8	—	2·6	—	Cloudy to fair.
21	1033·2	1033·2	84·3	83·7	86	81	2·0	1·2	10·2	11·2	77	86	18	3	18	2	1	6	—	7·2	—	⌓ a. Bright to fair.
22	1033·5	1034·2	83·9	83·0	86	81	1·6	0·7	10·5	11·2	81	91	16	3	—	1	2	0	—	9·2	—	⌓ a. Fine and clear.
23	1034·5	1034·2	83·7	83·5	86	81	1·3	1·0	10·9	11·2	85	88	16	2	16	2	4	7	—	8·3	—	⌓ a. Fine and bright.
24	1033·8	1031·1	84·4	82·8	85	81	2·2	1·0	9·8	10·5	74	88	14	4	14	2	10	7	—	0·4	—	Fair, but cloudy.
25	1028·1	1025·4	83·8	83·1	85	81	1·5	2·4	10·5	8·8	82	72	12	4	12	6	9	7	—	3·0	—	Cloudy to fair.
26	1024·3	1023·3	83·7	83·8	84	82	3·5	3·1	7·8	8·5	62	67	12	5	14	4	10	1	—	—	—	Dull. Clear after 20 h.
27	1024·3	1024·3	84·0	83·5	85	82	2·6	1·4	9·2	10·5	71	83	14	5	12	6	10	1	—	2·3	—	Cloudy to fair.
28	1025·0	1024·7	84·0	83·8	85	84	2·1	1·9	9·8	10·2	75	78	12	7	10	8	10	3	0·3	0·4	—	Dull to cloudy.
29	1021·3	1015·2	84·3	84·2	85	84	1·8	1·4	10·5	11·2	79	83	10	9	8	8	8	10●	1·5	—	—	Occasional ●^{0} showers.
30	1007·1	997·2	84·1	83·4	84	84	0·9	0·4	11·9	11·9	89	95	8	9	6	11	10●^{0}≡^{0}	10●	20·6	—	—	≡^{0} a. ● all day after 10 h.
Mean	1022·1	1021·9	83·9	82·9	85·8	80·8	2·0	1·5	10·0	10·0	77	82	4·6		3·7		7·5	6·0	45·3	2·87	—	
Mean Barometer at Station Level.	1018·6	1018·5																				

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. * Metres per second.

Wt. 39026—250—10/12.—N. & Co., Ltd. Gp. XV.

Fort William, Inverness-shire, a.—September 1912.

Heights above Mean Sea Level:—Station, H = 52·1 m.; Barometer, H_b = 11·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity (Latitude 45°) 9 h.	Barometer 21 h.	Air Temperature in Degrees Absolute 9 h.	Air Temp. 21 h.	Max.	Min.	Humidity: Dep. of Wet 9 h.	Dep. of Wet 21 h.	Vapour Pressure 9 h.	Vapour Pressure 21 h.	Percentage 9 h.	Percentage 21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second) 9 h.	Wind 21 h.	Cloud Amount and Weather 9 h.	Cloud 21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†	†	Tenths of Sky covered.		mm.	hr.	°	
1	1009·1	1009·1	85·2	81·4	90	81	1·6	1·2	11·2	9·2	80	84	22 3	20 2	10●≡⁰	2	5·1	—	—	Alternate sun and showers.
2	1011·1	1017·9	84·2	83·4	89	79	1·7	2·0	10·5	9·8	80	77	Calm 0	6 2	5	1	4·8	—	—	Fine and sunny.
3	1012·5	1001·3	83·0	86·3	86	81	1·2	0·3	10·5	14·6	85	96	20 4	20 4	10●≡⁰	10●≡⁰	53·8	—	—	●²≡⁰ all day.
4	998·9	1004·0	82·9	82·8	86	82	0·6	1·5	11·2	9·8	93	82	20 5	28 4	10●≡⁰	9	20·6	—	—	Boisterous. ●² at times.
5	1004·7	1009·1	83·6	82·9	85	81	2·3	2·2	9·5	8·8	74	73	26 6	26 5	10●≡⁰	10●	8·6	—	—	Squally, with ●² showers.
6	1012·1	1018·9	84·0	82·4	86	81	2·7	2·2	9·2	8·5	70	72	28 4	28 4	10	3	—	—	—	Fair to fine.
7	1021·0	1016·6	83·6	82·1	86	82	2·3	0·2	9·2	11·2	73	97	20 2	4 1	9	10●≡⁰	11·7	—	—	Fair till 12 h., then ●≡⁰.
8	1018·9	1024·3	82·3	79·1	86	79	1·1	1·7	10·2	7·5	87	78	4 4	8 3	10	1	—	—	—	Sunny intervals.
9	1027·1	1026·7	80·2	81·4	85	n 75	1·6	1·8	7·8	8·5	78	77	Calm 0	8 2	2	8	—	—	—	Fine and dry.
10	1026·4	1025·4	82·8	80·8	86	80	3·0	2·6	7·8	7·1	66	69	4 3	8 3	2	4	—	—	—	Fine, dry, and sunny.
11	1025·4	1029·1	83·0	81·7	88	78	3·3	1·5	7·8	9·2	63	81	4 5	6 3	2	0	—	—	—	Visibility; sunny.
12	1031·5	1030·1	81·9	82·9	89	n 75	2·2	0·6	8·2	11·2	73	92	Calm 0	Calm 0	0	4	—	—	—	Visibility; sunny.
13	1029·1	1026·4	83·2	84·7	86	80	0·3	0·6	11·9	12·6	96	93	20 3	20 2	10●⁰≡⁰	10●⁰≡⁰	0·5	—	—	●⁰≡⁰ all day.
14	1025·0	1024·7	86·3	82·2	89	81	0·5	1·4	14·2	9·5	94	82	20 2	20 2	10●⁰≡⁰	0	—	—	—	●⁰≡⁰ *a.* Sunny after 11 h.
15	1024·3	1024·0	84·1	84·1	86	80	0·6	0·6	12·2	12·2	92	92	Calm 0	Calm 0	10≡	10≡	—	—	—	Low ≡ all day.
16	1023·7	1024·3	85·8	84·9	89	84	0·6	2·0	13·6	10·5	92	77	22 3	28 3	10≡	9	—	—	—	Sunny after 11 h.
17	1025·7	1028·7	85·7	84·0	87	82	1·4	1·5	12·2	10·9	83	83	Calm 0	Calm 0	10	2	—	—	—	Mostly fine and sunny.
18	1032·1	1032·8	82·4	82·0	x 91	77	1·1	1·0	10·2	9·8	85	88	Calm 0	Calm 0	1	0∞	—	—	—	Very fine.
19	1033·5	1031·5	83·6	81·9	90	79	0·9	0·6	11·5	10·5	90	93	Calm 0	Calm 0	10∞	0∞	—	—	—	Sunny.
20	1033·2	1031·1	81·4	84·6	89	79	0·5	1·1	10·2	11·5	93	87	Calm 0	Calm 0	10∞	10∞	—	—	—	Sunny.
21	1031·5	1030·4	83·6	80·6	89	80	1·6	0·9	10·2	9·2	81	88	Calm 0	Calm 0	10∞	0∞	—	—	—	Sunny.
22	1031·1	1030·1	83·5	81·9	89	77	1·4	1·7	10·5	8·8	83	78	Calm 0	Calm 0	0∞	0∞	—	—	—	Sunny and cloudless.
23	1032·8	1032·5	81·5	80·2	90	77	1·2	1·1	9·2	8·5	84	85	Calm 0	Calm 0	0∞	0∞	—	—	—	Sunny and cloudless.
24	1031·8	1028·4	82·3	83·6	89	77	1·5	2·8	9·5	8·8	81	68	Calm 0	10 1	6∞	0∞	—	—	—	Fine and sunny.
25	1026·0	1023·0	82·9	80·8	88	79	2·7	2·2	8·5	7·8	69	73	Calm 0	16 3	0	2	—	—	—	Fine and sunny.
26	1021·3	1020·6	82·4	81·0	86	80	2·5	2·5	8·2	7·5	69	70	4 3	12 2	9∞	2	—	—	—	Dull; mostly cloudy.
27	1020·6	1019·3	83·0	84·2	87	78	3·4	3·5	7·5	8·2	62	62	12 3	12 3	2∞	1∞	—	—	—	Fine and sunny.
28	1021·3	1019·9	84·0	84·7	86	81	3·3	4·5	8·5	7·5	65	55	12 2	12 5	10	6	—	—	—	Dull.
29	1015·9	1011·1	85·9	84·3	87	84	4·0	1·9	8·8	10·5	60	78	12 7	12 5	10	10	—	—	—	Dull. / 10 h.-16 h.
30	1003·0	996·6	86·0	84·2	87	84	3·3	1·8	9·8	10·5	66	79	4 5	6 4	6	9	—	—	—	Dull and squally.
Mean	1022·0	1021·6	83·5	82·6	87·5	79·8	1·8	1·7	10·0	9·7	79	80	2·1	2·1	6·8	4·4	105·1	—	—	
Mean Barometer at Station Level.	1020·6	1020·2																		

Glasgow, Lanarkshire, a.—September 1912.

Heights above Mean Sea Level:—Station, H = 54·9 m.; Barometer, H_b = 56·1 m. Heights above Ground:—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 55° 53′ N. Long. 4° 18′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity (Latitude 45°) 9 h.	Barometer 21 h.	Air Temperature in Degrees Absolute 9 h.	Air Temp. 21 h.	Max.	Min.	Humidity: Dep. of Wet 9 h.	Dep. of Wet 21 h.	Vapour Pressure 9 h.	Vapour Pressure 21 h.	Percentage 9 h.	Percentage 21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second) 9 h.	Wind 21 h.	Cloud Amount and Weather 9 h.	Cloud 21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	*	*	Tenths of Sky covered.		mm.	hr.	200 + °	
1	1010·5	1009·4	85·2	82·3	87	82	1·3	1·0	11·9	10·2	85	87	24 4	24 2	6	5	0·4	3·2	81	Bright *a.* ● showers. Cloudy.
2	1010·8	1018·6	84·6	84·5	89	80	2·2	2·1	10·2	10·2	75	76	26 3	8 2	7	7	9·1	5·5	75	Fine. Dull at times. ∞ *p.*
3	1015·9	1003·7	82·3	87·5	89	82	0·5	0·2	10·9	15·9	93	98	10 3	22 6	10●	10●	38·1	—	80	∞ *a.* ● all day.
4	1002·7	1006·1	85·2	82·5	88	82	1·6	1·3	11·2	9·8	80	84	22 10	24 9	7●	7	3·8	0·4	82	Dull and cloudy.
5	1005·7	1008·8	83·9	82·3	86	81	2·2	1·3	9·8	9·8	75	82	26 6	24 6	9	4	2·7	0·7	79	Dull and cloudy.
6	1010·8	1017·9	85·2	82·4	87	82	2·3	1·7	10·5	9·2	74	80	26 6	26 3	6	2	—	7·4	79	Fine.
7	1021·3	1016·6	83·1	85·7	86	81	2·3	0·4	8·8	13·9	73	95	28 4	22 4	10	10●	11·1	—	78	Dull *a.* ● 14 h.-midnight.
8	1017·9	1023·7	82·4	80·9	86	81	0·3	0·7	11·2	9·8	97	92	6 3	— 0	10	4	0·2	0·3	82	● till 6 h. ●⁰ 10 h.-noon.
9	1027·1	1025·4	80·6	81·2	85	n 76	2·5	2·4	7·1	7·5	69	71	— 1	32 2	2	8	—	5·7	n 70	Bright till 14 h., then dull.
10	1024·7	1024·0	82·3	80·6	86	79	3·0	2·2	7·8	7·5	65	72	— 1	2 2	4	2	—	7·5	73	Fine.
11	1024·3	1028·7	82·4	82·3	89	n 76	2·5	1·5	8·2	9·5	69	80	— 1	8 2	5	3	—	9·3	n 70	Bright till 17 h. ∞ *p.*
12	1031·5	1030·8	80·1	82·2	87	77	0·8	0·7	8·8	10·5	89	92	— 0	— 1	2⌓	0	—	6·9	72	∞ *a.* Bright.
13	1029·8	1027·4	84·2	84·7	86	81	2·1	0·7	9·8	12·6	75	92	24 4	22 4	9	10	0·2	1·0	76	Fine *a.*, then dull.
14	1025·0	1024·3	86·1	83·5	89	84	0·4	1·3	14·2	10·5	96	85	22 2	26 3	10	1	0·3	1·4	84	●⁰ *a.* Dull. ● 14 h.-15 h.
15	1024·0	1023·7	85·1	84·6	88	81	1·7	1·1	11·2	11·9	79	87	26 3	26 3	10	10	—	2·5	77	Dull till noon. Fine till 16 h.
16	1023·0	1024·3	86·8	84·1	x 90	82	1·4	1·8	13·2	10·2	84	78	24 3	24 2	9	2	—	7·1	77	Fine *a.*, then dull. Fine *p.*
17	1025·7	1028·1	85·7	83·9	89	81	2·2	1·4	11·2	10·9	75	84	24 3	— 1	4	7	—	9·0	75	Fine.
18	1032·1	1033·8	80·6	83·5	87	78	0·5	1·0	9·8	11·2	94	88	— 1	6 2	6⌓	10	—	—	73	∞ till 14 h.
19	1034·2	1032·8	82·0	84·2	87	80	0·7	0·7	10·5	12·2	91	91	— 0	— 1	6≡⁰⌓	6	—	0·2	75	∞ all day.
20	1033·2	1032·5	83·1	83·2	85	82	0·8	1·5	11·2	10·2	91	82	— 0	8 3	10	10	—	—	76	Dull and overcast.
21	1032·5	1031·5	84·1	84·6	88	82	2·2	2·2	9·8	10·2	74	75	8 2	12 2	8	0	—	6·8	81	Fine.
22	1032·5	1031·8	82·2	83·5	89	79	1·4	1·6	9·5	10·2	82	81	10 2	12 2	4	2	—	6·1	74	∞ *a.* Fine.
23	1033·2	1032·8	80·1	81·3	86	n 76	0·3	0·5	9·5	10·2	96	93	— 1	— 1	4⌓	7	—	1·8	71	Bright *a.*, then cloudy. ∞
24	1032·5	1029·1	81·3	82·7	86	80	0·5	1·4	10·2	9·8	94	82	— 1	10 2	10	5	—	0·8	75	Dull, with ∞.
25	1025·7	1023·0	80·8	83·0	86	79	0·6	2·7	9·8	8·5	92	69	8 2	14 3	6⌓	10	—	2·4	75	∞⁰. Cloudy.
26	1022·0	1021·3	82·5	81·9	84	81	3·4	2·5	7·5	7·8	62	70	10 4	20 4	10	8	—	—	80	Dull.
27	1021·6	1019·9	80·7	82·5	87	78	1·5	1·9	8·5	9·2	81	76	8 3	10 5	5	5	—	6·7	74	∞⁰ *a.* and *p.* Fine.
28	1020·6	1018·9	82·9	82·9	85	80	1·8	2·1	9·5	9·2	78	74	8 5	6 7	8	9	—	0·4	75	Dull.
29	1013·2	1008·8	84·2	83·6	85	82	1·7	0·5	10·5	11·9	80	94	6 7	6 6	10	10	2·9	—	81	● *a.* Overcast.
30	999·3	993·2	84·2	83·6	85	83	0·5	1·1	12·2	11·2	93	87	6 8	2 4	10●⁰	10	3·5	—	81	● *a.* Dull.
Mean	1022·1	1021·7	83·1	83·2	86·8	80·3	1·5	1·4	10·1	10·4	82	83	3·1	3·1	7·2	6·1	72·3	3·10	76·7	
Mean Barometer at Station Level.	1015·2	1014·8																		

Dundee, Forfarshire, c.d.—September 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 50 m. Heights above Ground:—Therms., h_t = 1·16 m.; Rain-gauge, h_r = 0·3 m. Lat. 56° 28′ N. Long. 2° 56′ W. *Time*, Greenwich mean time.

Day.	Barometer 9 h.	Barometer 21 h.	Air Temp. 9 h.	Air Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	Dep. of Wet 21 h.	Vapour Pressure 9 h.	Vapour Pressure 21 h.	Percentage 9 h.	Percentage 21 h.	Wind 9 h. †	Wind 21 h. †	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine.	Min. Temp. on Grass.	Remarks.
1	1009·1	1008·4	85·8	82·0	89	81	1·4	1·5	12·2	9·2	84	82	24 1	28 1	5	7	1·0	—	—	Fine generally.
2	1010·8	1019·3	83·1	81·6	89	78	1·4	0·5	10·2	10·2	83	93	28 1	4 1	10	5	—	—	—	Fine from 10 h.
3	1018·3	1003·3	82·2	84·7	85	78	0·6	0·3	10·9	13·2	93	97	16 1	28 1	10	10	8·4	—	—	● from 10 h. 30 m.
4	999·3	1003·0	85·8	83·5	89	82	1·9	1·6	11·5	10·2	78	81	24 5	24 8	5	5	—	—	—	/ from 10 h.
5	1001·7	1005·7	85·2	82·4	87	81	1·9	2·1	10·9	8·8	77	74	24 8	24 5	5	7	0·3	—	—	/ till 15 h. ● 12 h. 30 m.
6	1008·4	1016·2	84·6	82·4	86	80	2·4	2·2	9·8	8·8	74	74	24 8	24 8	10	5	—	—	—	/ till *n.*
7	1020·3	1018·3	82·0	82·4	85	81	1·2	0·2	9·5	11·5	85	97	24 3	16 1	10	10●	5·3	—	—	Dull and cloudy. ● from 19 h.
8	1019·3	1023·3	80·9	77·4	84	77	0·6	0·8	9·8	7·5	93	88	8 4	28 1	10	0	—	—	—	Dull and cloudy till 18 h.
9	1025·4	1024·7	80·8	80·4	86	n 75	1·7	0·7	8·2	9·2	79	90	28 3	32 5	5	10	—	—	—	Fine till 19 h., then cloudy.
10	1024·3	1023·3	81·4	79·1	85	79	1·2	1·4	9·2	7·8	84	81	28 5	28 1	5	10	—	—	—	Cloud and sunshine till 18 h.
11	1023·7	1028·7	83·1	81·6	87	77	2·3	1·1	8·8	9·5	73	86	32 3	32 1	5	5	—	—	—	Fine.
12	1031·1	1029·4	81·4	81·1	89	77	0·9	0·3	9·8	10·2	89	96	20 1	32 1	3	0	—	—	—	Fine.
13	1028·4	1025·7	82·8	84·1	89	80	1·5	0·8	9·8	11·9	82	90	28 1	24 3	5	10	—	—	—	Fine till 15 h., then dull.
14	1026·0	1023·7	84·2	83·6	87	82	0·3	0·5	12·6	11·9	96	94	8 1	8 1	10	10	—	—	—	Dull and cloudy.
15	1023·3	1023·3	85·1	85·0	89	82	1·8	0·8	11·2	12·6	78	90	24 1	8 1	10	5	—	—	—	Dull till 10 h., then fine.
16	1022·7	1023·0	85·8	84·1	x 94	81	0·8	1·4	13·2	10·9	90	83	20 1	12 1	3	0	—	—	—	Dull till 8 h., then fine.
17	1024·7	1026·7	86·3	84·1	91	81	1·6	1·4	12·6	10·9	82	85	24 3	4 1	3	10	—	—	—	Fine till 14 h., then dull.
18	1032·1	1034·2	83·9	83·3	86	82	0·9	0·4	11·5	11·9	89	95	20 1	8 1	10	10	—	—	—	Dull and cloudy.
19	1034·5	1033·5	83·9	84·2	90	81	0·9	0·8	11·5	11·9	89	89	16 1	8 1	7	10	—	—	—	Cloud and sunshine till 16 h.
20	1034·2	1033·5	83·6	83·0	87	82	0·6	0·8	11·9	10·9	93	90	8 1	8 1	10	10	—	—	—	Dull and cloudy.
21	1033·8	1032·5	84·4	82·3	90	81	1·4	0·4	11·2	11·2	83	95	20 1	8 1	5	5	—	—	—	Dull till 8 h., then fine.
22	1033·8	1033·2	82·1	81·9	89	77	0·7	0·3	10·5	10·9	91	97	12 1	4 1	5	0	—	—	—	Dull till 7 h., then fine.
23	1034·2	1033·5	82·2	81·4	86	77	0·3	0·3	11·2	10·5	96	96	8 1	4 1	5	0	—	—	—	Fine generally.
24	1033·5	1030·8	81·9	81·6	85	80	0·6	0·3	10·5	10·9	93	96	12 1	8 1	10≡⁰	5	0·3	—	—	≡⁰ till 12 h.
25	1027·4	1024·7	82·3	81·9	86	77	0·1	1·1	11·5	9·8	98	86	16 1	16 1	5	10	—	—	—	Cloud and sun. Dull after 17 h.
26	1024·0	1023·0	82·1	82·7	85	81	1·3	1·6	9·5	9·5	83	80	16 1	12 3	10	10	—	—	—	Dull and cloudy.
27	1023·7	1023·0	82·4	83·0	86	77	1·6	0·8	9·5	10·9	79	90	16 3	12 5	5	10	—	—	—	Fine till 18 h., then cloudy.
28	1023·7	1022·3	83·6	82·9	86	82	1·2	1·6	10·9	9·8	86	81	12 5	8 5	10	10	—	—	—	Dull and cloudy.
29	1018·9	1012·8	84·0	83·3	84	82	1·1	0·3	11·2	11·9	87	96	12 8	12 5	10	10●	14·7	—	—	/ till 13 h. ● from 11 h.
30	1004·4	994·9	83·7	83·1	84	82	0·2	0·4	12·6	11·9	98	96	8 5	8 5	10●	10●	35·0	—	—	● from 7 h.
Mean	1022·5	1021·9	83·4	82·4	87·1	79·9	1·1	0·9	10·8	10·5	86	89	2·7	2·4	7·2	7·0	65·0	—	—	
Mean Barometer at Station Level.	1016·4	1015·8																		

† Beaufort Scale (0—12).

Cockle Park (near Morpeth), Northumberland.—September 1912.

Heights above Mean Sea Level:—Station, H = 98·7 m.; Barometer, H_b = 100·8 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 55° 13′ N. Long. 1° 41′ W. *Time*, Local mean time.

Day.	Barometer 9 h.	Barometer 21 h.	Air Temp. 9 h.	Air Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	Dep. of Wet 21 h.	Vapour Pressure 9 h.	Vapour Pressure 21 h.	Percentage 9 h.	Percentage 21 h.	Wind 9 h. †	Wind 21 h. †	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine.	Min. Temp. on Grass.	Remarks.
1	1010·5	1009·1	85·7	82·9	90	81	1·5	1·1	12·2	10·5	83	87	28 4	28 2	2	3	—	5·8	80	● *n.* Fine day.
2	1010·8	1018·6	84·0	81·8	87	79	2·2	0·3	9·8	10·9	75	96	28 2	28 2	6	1	—	6·9	76	Fine.
3	1019·6	1006·4	82·2	82·5	89	78	0·8	0·1	10·5	11·5	90	98	20 1	20 2	8	10	8·4	—	75	● most of day.
4	1003·7	1006·7	86·2	82·5	89	82	2·4	1·4	11·2	9·8	73	82	28 7	24 6	5	2	—	4·2	81	/●
5	1006·1	1006·7	84·0	82·0	87	80	2·4	1·3	9·5	9·5	73	84	28 6	28 5	7	2	—	8·5	79	/●
6	1007·8	1013·2	82·8	83·1	88	80	2·1	1·6	9·2	9·8	74	81	28 6	28 2	9	3	—	2·2	77	/
7	1019·6	1018·6	82·5	82·5	86	79	1·6	0·2	9·5	11·5	79	97	28 2	28 1	8	10	10·4	1·2	76	Cloudy.
8	1018·3	1022·3	82·3	79·8	86	78	0·2	0·8	11·2	8·8	94	89	12 2	28 1	10	7	2·3	—	79	●⁰ at times.
9	1024·0	1023·0	79·5	80·4	84	n 77	2·1	1·3	7·1	8·5	73	82	28 3	28 2	8	6	2·0	1·5	75	●⁰ at times.
10	1022·0	1021·6	81·4	79·0	82	79	1·1	1·2	9·5	7·8	86	83	32 3	32 3	10	4	—	0·1	79	● *n.* Cloudy.
11	1020·6	1026·7	81·8	81·8	83	79	1·5	0·9	9·2	9·8	81	88	32 4	4 4	9	10	1·0	—	77	Overcast.
12	1030·8	1030·8	82·0	80·2	85	80	0·3	0·6	11·2	9·2	97	91	32 1	24 1	10	1	0·3	0·9	79	●⁰ *a.* Fine afternoon.
13	1028·4	1026·7	85·9	84·5	90	80	2·3	1·6	10·9	11·2	74	81	24 3	24 1	5	8	0·3	8·5	77	Fine and warmer.
14	1025·0	1022·7	87·2	83·7	88	83	1·5	1·4	13·6	10·9	83	84	24 1	24 1	9	1	0·8	—	81	● showers *n.* Cloudy.
15	1023·3	1023·0	84·5	85·4	89	81	1·2	1·1	11·5	12·2	86	86	28 2	Calm 0	10	10	—	2·0	79	Cloudy.
16	1023·0	1024·0	87·4	85·1	91	84	1·9	0·7	12·9	12·9	79	91	24 2	4 1	1	6	—	10·7	82	Fine and sunny.
17	1024·7	1028·1	86·5	84·2	x 94	82	2·7	0·3	10·9	12·9	70	96	24 1	Calm 0	1	9	—	7·5	80	Fine.
18	1030·8	1034·5	84·5	83·3	87	79	1·4	1·2	11·2	10·5	83	85	24 2	24 1	8	6	—	3·0	76	Fine.
19	1034·8	1034·2	86·0	82·9	87	78	2·7	0·7	10·5	11·2	71	91	16 1	28 1	2	8	—	5·5	75	Fine.
20	1033·8	1033·5	83·7	82·3	84	80	2·2	0·8	9·5	10·5	75	90	12 1	8 1	9	8	—	0·2	79	Dull.
21	1034·5	1033·8	82·7	81·4	86	n 77	0·2	0·7	11·9	9·8	97	91	4 1	20 1	8	1	—	5·8	74	≡⁰ *n.* Cloudy *a.* Fine.
22	1034·2	1034·2	85·1	82·0	86	78	1·3	0·3	11·9	11·2	83	97	16 3	16 1	4	1	0·3	6·5	75	Fine.
23	1034·5	1034·2	82·8	80·6	86	78	1·0	0·2	10·5	10·2	88	98	16 1	24 1	4	1	—	7·5	74	Fine. ≡⁰ in valleys.
24	1033·8	1030·4	84·0	81·0	85	79	1·5	0·6	10·9	9·8	83	93	12 1	8 1	6	4	—	2·3	77	Cloudy.
25	1027·1	1024·0	83·5	81·4	85	n 77	2·6	2·1	8·8	8·2	70	74	12 1	12 1	4	10	—	3·7	n 73	Fine.
26	1023·3	1023·0	82·0	79·2	84	79	2·0	1·0	8·5	8·2	75	85	12 1	12 2	10	6	—	—	79	Dull.
27	1024·0	1022·3	82·8	82·1	85	n 77	1·8	1·4	9·5	9·5	77	83	12 2	8 3	2	3	—	6·6	74	Fine.
28	1021·6	1018·3	83·5	83·1	85	81	2·4	0·8	9·2	11·2	73	90	8 4	12 4	8	5	—	1·1	79	/ most of day.
29	1014·9	1009·8	83·9	84·0	84	82	1·0	0·0	11·5	12·9	88	100	12 6	12 4	10	10	14·0	—	78	/●
30	999·6	989·8	83·9	83·5	85	83	0·1	0·0	12·9	12·6	99	100	12 4	4 2	10	10	22·1	—	82	Overcast, with ●.
Mean	1022·2	1021·7	83·8	82·3	86·5	79·7	1·6	0·9	10·6	10·5	81	89	2·6	1·9	6·8	5·5	61·9	3·41	77·6	
Mean Barometer at Station Level.	1009·9	1009·3																		

* Metres per second. † Beaufort Scale (0—12).

Douglas, Isle of Man, a.—September 1912.

Heights above Mean Sea Level:—Station, H = 84·5 m.; Barometer, H_b = 86·6 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·25 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.)		Air Temperature in Degrees Absolute.				Humidity. Dep. of Wet.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second).				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.				
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200+ °	
1	1013·8	1011·5	85·8	84·1	88	84	1·1	0·4	12·9	12·6	87	94	24	5	24	2	10	8	1·9	1·4	83	Cloudy and squally. ● 16 h.-19 h.
2	1013·5	1018·9	84·6	84·0	86	82	2·1	1·0	10·2	11·5	76	87	28	3	30	2	7	2	4·9	4·6	80	Squally. ●⁰ noon.
3	1017·9	1010·1	83·9	88·0	x 89	82	0·3	0·6	12·6	15·9	96	94	16	5	22	5	10≡●	10●	15·4	—	81	Dull and overcast.
4	1011·1	1013·5	85·2	83·3	x 89	83	1·6	1·9	11·2	9·5	80	78	24	6	24	7	8	8	—	4·4	82	Cloudy and squally.
5	1012·8	1013·2	84·1	82·5	86	82	2·8	1·3	9·2	9·8	69	84	24	8	26	7	3	3	5·0	9·6	81	⁄. Fine.
6	1014·9	1020·3	82·7	83·9	86	81	1·0	2·8	10·5	8·8	87	69	26	7	26	4	10●	8	0·5	7·3	80	Frequent ● showers.
7	1023·7	1021·0	84·1	86·8	87	82	1·5	0·7	10·9	14·2	82	92	26	2	24	3	9	10	0·8	0·4	82	●⁰ 5 h. ● 14 h.-16 h. ●⁰ 18 h.
8	1019·6	1022·7	86·9	83·2	87	83	1·1	0·7	13·9	11·2	87	92	26	4	6	2	10	4	1·3	0·9	84	Overcast. ● 11 h.-15 h.
9	1026·7	1025·4	81·3	81·9	84	79	2·2	2·2	7·8	8·2	73	73	4	1	30	2	8	10	—	7·1	77	⌓ a. Fine. Cloudy from 17 h.
10	1024·7	1024·3	82·2	80·3	85	79	2·5	1·1	8·2	8·5	70	85	30	3	30	2	8	0⌓	—	8·0	77	⌓ a. Fine.
11	1024·3	1028·1	82·6	82·8	85	n 78	2·8	1·5	7·8	9·8	67	82	32	3	4	1	7	7⌓	—	9·6	n 76	⌓ a. Very fine.
12	1031·1	1032·5	83·9	81·9	86	81	2·1	1·0	9·8	9·8	76	87	8	2	30	1	8	8⌓	—	1·6	80	⌓ a. Dull and cloudy.
13	1031·5	1030·1	86·3	84·1	88	80	1·6	0·5	12·6	12·2	81	93	24	2	20	1	6	10⌓	—	10·0	79	⌓² a. Very fine.
14	1028·4	1025·0	84·7	84·3	88	84	0·1	0·6	13·6	12·2	99	91	26	3	30	5	10●	2	0·3	0·2	82	Dull, with ● showers.
15	1025·4	1025·0	85·9	84·3	87	83	1·8	1·1	11·9	11·5	80	87	30	6	28	2	6	2⌓	—	8·3	82	Fine, but squally.
16	1025·0	1026·0	86·4	84·5	87	83	0·5	0·7	14·2	12·2	93	92	28	2	24	2	9	2⌓	—	0·7	82	⌓≡⁰ a. Dull and gloomy.
17	1027·1	1028·7	85·9	84·2	88	82	2·3	1·1	10·9	11·5	74	86	30	2	32	2	4	0⌓	—	10·7	80	⌓ a. Very fine.
18	1031·8	1033·8	86·7	85·2	x 89	81	1·8	1·1	12·6	12·2	79	86	8	2	12	3	2	0⌓	—	9·8	79	⌓² a. Very fine.
19	1034·5	1033·2	83·3	84·8	86	82	1·5	2·2	10·2	10·2	82	75	10	2	10	4	10	10	—	5·2	80	⌓ a. Dull till noon.
20	1033·2	1031·5	84·4	84·9	85	84	2·0	1·5	10·2	11·2	77	82	10	2	10	3	10	10	—	—	82	Dull and overcast.
21	1032·1	1030·8	83·8	84·9	86	83	2·1	1·9	9·8	10·9	76	78	12	3	12	4	8	0	—	8·2	81	Very fine.
22	1031·5	1031·1	84·6	85·2	87	82	2·0	1·2	10·5	12·2	77	85	12	4	10	4	0	0	—	8·8	81	⌓ a. Very fine.
23	1032·8	1031·8	83·6	85·2	87	83	1·2	0·6	10·9	12·9	86	92	12	4	10	3	10	0	—	6·1	82	Very fine.
24	1031·8	1027·1	84·1	84·7	86	84	1·0	1·7	11·5	10·9	87	80	12	2	10	4	10	8	—	3·1	82	Dull a. Fine afternoon.
25	1024·3	1021·6	83·0	84·0	85	82	2·8	2·5	8·5	9·5	68	72	12	5	12	6	10	10	—	0·7	80	Dull and squally.
26	1020·6	1019·3	83·0	83·9	85	82	2·3	2·0	8·8	9·8	73	77	12	6	12	6	8	0	—	4·9	81	Cloudy and squally.
27	1019·9	1017·9	83·2	84·1	85	82	1·5	1·7	10·2	10·5	82	80	12	6	10	7	8	4	—	0·1	80	Dull and squally.
28	1016·9	1013·8	84·0	84·3	86	83	1·6	1·3	10·5	11·2	81	84	10	6	8	8	8	10	—	5·2	81	⁄
29	1008·1	1005·7	84·7	84·8	86	84	0·6	0·7	12·6	12·6	93	92	8	8	10	3	10	4	7·1	—	82	⁄ a. Dull. ● noon-13 h.
30	994·2	990·8	84·1	81·3	86	81	0·1	0·3	12·9	10·5	99	95	6	2	32	7	9	0⌓	0·3	2·7	82	Dull, with ● showers a. ⌓
Mean	1022·8	1022·1	84·3	84·1	86·5	82·1	1·6	1·3	10·9	11·1	81	85	3·9		3·7		7·9	5·0	37·5	4·65	80·7	
Mean Barometer at Station Level.	1012·2	1011·5																				

Stonyhurst, Lancashire, a.—September 1912.

Heights above Mean Sea Level:—Station, H = 114·3 m.; Barometer, H_b = 110·6 m. Heights above Ground:—Therms., h_t = 2·1 m.
Rain-gauge, h_r = 0·6 m. Lat. 53° 51′ N. Long. 2° 28′ W. *Time*, Local mean time.

													*		*							
1	1013·5	1011·1	86·6	84·7	88	82	1·6	0·6	12·6	12·6	81	93	24	4	26	2	7	10●	13·7	1·7	81	Fine. ●² 19 h.-20 h.
2	1012·1	1018·6	84·6	83·0	87	81	2·7	1·5	9·5	9·8	70	82	28	6	—	1	7	0≡⁰	4·9	5·8	78	Fine.
3	1021·0	1012·1	81·9	88·0	88	79	0·7	0·6	10·2	15·9	92	94	—	1	20	4	10●	10	19·3	—	75	Mist and ● all day.
4	1011·1	1012·1	86·8	84·7	88	84	2·4	2·0	11·5	10·5	74	77	24	9	24	7	8	6	—	2·9	81	Fine.
5	1012·1	1012·1	84·7	83·0	87	83	1·7	1·7	10·9	9·8	80	80	26	8	24	7	8	10●	6·4	4·7	80	Fine.
6	1012·8	1017·2	84·1	83·0	85	82	2·5	2·2	9·5	9·2	72	74	26	7	28	9	9	0	—	1·3	80	Cloudy.
7	1022·3	1020·6	84·1	86·2	87	80	2·4	0·4	9·5	14·2	73	95	28	7	24	6	8	10●²	14·8	1·8	76	Fine. ● 16 h. 30 m.-22 h.
8	1018·9	1021·3	86·3	82·4	87	82	0·5	1·1	14·2	10·2	93	86	24	6	4	2	10●²	10	3·2	—	81	Squally. ● all day.
9	1026·4	1024·3	80·8	80·8	85	n 75	2·6	1·9	7·1	8·2	69	76	30	2	—	1	6	3	—	7·2	n 71	Fine.
10	1022·7	1023·3	82·2	80·4	85	80	2·5	1·5	8·2	8·2	70	80	32	2	—	1	9	0	—	1·3	77	Fine, then clouds.
11	1022·3	1026·0	80·7	82·4	84	76	2·4	1·7	7·5	9·2	71	78	28	3	2	4	10	9	—	—	72	Dull and cold.
12	1030·8	1032·1	83·6	83·5	85	81	1·9	1·4	9·8	10·5	78	84	—	1	—	0	10	10	—	—	80	Overcast.
13	1031·5	1029·8	85·0	84·1	87	82	2·0	0·9	10·9	11·5	77	88	24	3	—	1	10	8	—	5·7	81	Fine. Light cir. from W.
14	1027·1	1024·3	86·3	85·8	87	82	1·2	0·8	13·2	13·2	86	90	26	2	28	4	10	3	—	0·5	81	Dull and threatening.
15	1024·3	1024·3	85·6	85·2	89	82	1·5	0·6	11·9	12·9	83	92	24	3	—	1	3	6	0·3	7·5	81	Bright and sunny.
16	1025·0	1025·0	84·9	85·4	87	84	0·4	0·5	13·2	13·6	94	94	—	1	24	2	10≡⁰	10≡⁰	—	—	83	Overcast, with mist.
17	1026·0	1027·7	85·0	83·0	89	82	2·0	0·6	10·9	11·2	77	93	—	1	—	1	6≡⁰	0≡⁰	—	7·2	81	Fine.
18	1031·5	1034·2	85·8	81·3	x 90	81	1·5	1·2	12·2	9·2	83	85	—	1	—	1	3	0≡⁰	—	5·7	79	Fine.
19	1034·8	1033·5	82·4	84·3	86	80	1·6	1·9	9·5	10·5	79	78	8	2	8	2	10	8	—	1·1	77	Cloudy and mild.
20	1033·2	1032·5	83·6	82·4	86	82	1·7	0·9	10·2	10·5	80	88	4	2	—	1	9	0≡⁰	—	—	81	Overcast.
21	1033·2	1032·8	82·6	82·4	87	81	1·3	1·7	9·8	9·2	84	78	2	2	8	2	6	0	—	8·1	79	Very fine.
22	1033·2	1032·8	83·6	83·2	88	78	1·5	1·5	10·5	10·2	82	82	4	2	8	2	4	1	—	9·1	75	Very fine.
23	1033·5	1033·2	83·6	83·1	87	79	1·7	1·1	10·2	10·5	80	86	4	2	4	2	5	0	—	6·0	77	Fine.
24	1032·5	1029·1	83·6	81·3	87	81	1·7	1·2	10·2	9·2	80	84	—	1	8	2	10	0≡⁰	—	1·1	79	Cloudy. Fine afternoon.
25	1025·7	1023·0	82·4	82·4	85	81	1·6	2·7	9·5	8·2	79	67	8	3	12	2	10	10	—	0·5	76	Dull and cloudy.
26	1022·7	1022·0	82·5	81·1	85	80	3·0	2·2	7·8	7·8	65	73	10	3	10	2	10	0≡⁰	—	0·5	80	Sunny through mist.
27	1022·7	1020·3	81·9	83·0	86	77	1·7	2·6	8·8	8·5	79	70	10	3	10	5	1	0	—	8·1	74	Very fine.
28	1017·9	1014·2	83·9	84·1	86	81	2·6	2·2	9·2	9·8	71	74	10	6	8	7	8	8	0·8	1·0	79	Cloudy.
29	1009·4	1007·1	84·6	84·7	86	84	1·1	1·6	11·9	11·2	87	81	8	6	8	4	10	5	6·6	0·4	82	●⁰ a. Cloudy.
30	993·5	990·8	85·1	80·8	87	81	1·0	0·7	12·2	9·5	87	92	16	2	—	0	10	0≡⁰	—	2·5	79	● 6 h.-7 h. Fine.
Mean	1022·8	1022·2	84·0	83·4	86·7	80·8	1·8	1·4	10·4	10·5	79	83	3·4		2·8		7·8	4·6	70·0	3·06	78·5	
Mean Barometer at Station Level.	1009·3	1008·7																				

* Metres per second.

† Beaufort Scale (0—12).

Shrewsbury, Shropshire.—September 1912.

Heights above Mean Sea Level:—Station, H = 57·9 m.; Barometer, H_b = 64·7 m. Heights above Ground:—Therms., h_t = 1·2 m.;
Rain-gauge, h_r = 0·3 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.)		Air Temperature in Degrees Absolute.				Humidity. Dep. of Wet.		Humidity. Vapour Pressure.		Humidity. Percentage.		Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.)				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.				
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200+ °	
1	1014·5	1012·5	87·5	85·3	89	82	2·5	0·7	11·9	12·9	73	91	28	2	20	1	9	10●	—	—	81	Dull.
2	1013·5	1018·6	85·7	82·4	88	82	2·8	0·9	10·2	10·2	70	88	28	4	28	1	5	0	—	—	81	Bright a. Dull from noon.
3	1021·6	1014·5	84·7	89·7	90	80	1·0	1·7	11·9	15·6	87	82	20	1	20	6	10	9	1·0	—	77	Dull and cloudy.
4	1014·5	1015·5	87·4	84·0	90	84	2·6	1·7	11·9	10·5	72	79	26	4	20	2	8	2	—	—	83	Dull and cloudy.
5	1015·9	1015·2	85·9	83·6	87	82	3·1	2·5	9·8	9·2	68	71	20	6	24	4	7	0	—	—	79	⁄. Occasional ● showers.
6	1014·9	1019·3	85·6	83·8	87	82	2·7	1·9	10·2	9·8	70	78	28	3	28	4	8	0	—	—	79	Bright and cold.
7	1023·7	1023·3	85·7	86·0	89	82	3·2	0·8	9·8	13·6	66	91	28	4	28	4	9	5	—	—	79	Cloudy day. Clear n.
8	1021·6	1021·0	87·5	87·1	89	86	1·2	0·6	14·2	14·9	86	93	20	4	26	4	10	10	—	—	84	Dull.
9	1025·7	1025·4	82·0	77·3	87	77	2·0	0·4	8·5	7·8	76	94	28	2	28	1	5	0	—	—	77	Cloudy and cold.
10	1023·0	1023·3	82·0	82·2	86	76	1·7	1·7	8·8	9·2	79	80	32	3	28	1	9	0	—	—	75	Cloudy. Sunny intervals.
11	1022·7	1025·7	81·4	83·0	84	79	2·2	1·6	7·8	9·8	73	81	28	2	28	2	9	10	—	—	77	Cloudy. Sunny intervals.
12	1030·1	*1031·5*	83·7	82·4	86	82	1·3	0·5	10·9	10·9	85	93	28	3	Calm	0	9	0	—	—	80	Dull and cloudy. ∞⁰ p.
13	1032·5	1030·1	81·9	81·0	89	76	0·6	0·1	10·5	10·5	93	99	28	1	28	1	10	0	—	—	74	∞ a. Fine a.
14	1028·1	1025·7	86·5	86·1	89	80	0·9	0·2	13·9	14·6	89	97	28	2	28	1	10	10	2·0	—	78	Dull. Drizzling ● from 14 h.
15	1025·4	1024·3	85·3	83·0	x 91	82	1·6	0·3	11·5	11·9	80	97	28	2	Calm	0	9	0	—	—	79	Dull a., then bright.
16	1025·7	1025·7	83·9	86·3	x 91	82	0·4	0·6	12·2	13·9	95	92	28	1	28	1	10	10	—	—	80	Dull a., then bright.
17	1026·7	1028·1	85·3	81·2	90	81	0·6	0·2	12·9	10·5	92	96	28	1	28	1	10	0	—	—	83	Dull a., then bright.
18	1030·8	1032·8	83·0	82·5	90	78	0·0	0·3	12·2	11·2	100	96	28	1	Calm	0	10	0	—	—	76	≡⁰ a. Bright intervals.
19	1034·2	1032·5	81·3	81·9	84	77	1·0	0·6	9·5	10·5	87	93	4	1	Calm	0	10	10	—	—	75	Dull.
20	1032·1	1030·4	84·1	83·6	86	81	1·1	0·8	11·2	11·5	86	90	4	2	4	2	10	5	—	—	81	Dull.
21	1031·8	1031·1	84·0	79·7	89	75	2·0	0·6	9·8	8·8	76	92	4	2	Calm	0	0	0	—	—	73	∞⁰ a. Bright and clear.
22	1031·8	1030·8	80·9	82·4	89	n 72	0·7	0·5	9·5	10·9	92	93	4	1	12	1	0	0	—	—	n 72	Bright.
23	1032·5	1032·1	82·4	79·2	89	76	0·1	0·c	11·5	9·5	99	99	12	1	4	1	10	0	—	—	74	≡ a. Bright afternoon.
24	1031·8	1027·7	83·6	80·9	88	76	1·2	0·2	10·9	10·5	86	98	4	1	8	1	9	5	—	—	75	≡⁰ a. Bright intervals.
25	1024·7	1022·0	79·1	81·3	85	74	0·1	0·8	9·2	9·8	98	90	8	1	8	1	10	10	—	—	n 72	≡⁰ a. Cloudy.
26	1021·6	1020·3	82·4	80·2	86	79	2·3	1·0	8·5	8·8	72	86	8	3	8	1	10	0	—	—	75	≡⁰ a. Cloudy.
27	1021·0	1018·6	81·8	81·3	87	76	1·5	1·2	9·2	9·2	81	85	8	1	8	2	5	9	—	—	n 72	∞⁰. Cloudy.
28	1015·5	1011·1	83·7	83·5	87	79	1·4	1·1	10·5	11·2	83	87	4	3	12	3	6	10	0·5	—	77	Dull. Fine intervals.
29	1007·1	1004·4	85·8	83·6	89	83	1·1	0·9	12·6	11·5	87	90	12	4	12	4	10●	10	10·7	—	80	Fine.
30	995·2	991·2	84·7	83·0	89	82	0·7	0·6	12·6	11·2	92	93	20	3	Calm	0	8	10	—	—	81	Fine.
Mean	1023·0	1022·1	84·0	82·9	88·1	79·5	1·5	0·8	10·8	11·0	83	90	2·3		1·7		8·2	4·5	14·2	—	77·6	
Mean Barometer at Station Level.	1015·1	1014·2																				

Cambridge, a.—September 1912.

Heights above Mean Sea Level:—Station, H = 12·8 m.; Barometer, H_b = 13·1 m. Heights above Ground:—Therms., h_t = 1·2 m.;
Rain-gauge, h_r = 0·3 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local mean time.

													†		†							
1	1013·8	1011·5	85·7	85·8	91	83	0·5	0·5	13·9	13·9	94	94	20	2	Calm	0	10	10	3·6	2·6	81	● a. Overcast from 14 h. ●⁰ p.
2	1010·1	1016·2	86·0	83·4	89	83	0·8	0·6	13·6	11·5	91	93	24	4	30	2	9	1	—	5·5	84	● n. Sunny till 16 h. 30 m.
3	1021·6	1017·6	86·8	86·6	89	78	2·1	1·4	11·9	12·9	76	84	24	2	20	4	8⌓²	10	0·3	2·4	76	Sunny a., then overcast.
4	1012·5	1014·9	90·9	84·0	x 92	84	1·9	1·7	16·3	10·5	80	80	24	4	20	3-4	8	0	—	7·6	86	Fine.
5	1014·9	1013·5	85·8	82·5	89	81	2·8	1·2	10·2	10·2	70	85	24	5-6	24	4-5	2	3	—	5·7	77	Sunny 9 h.-15 h. 30 m.
6	1011·8	1015·9	85·6	83·5	88	80	2·0	1·5	11·2	10·2	76	82	24	5	24	4-5	7	0	—	4·5	77	Bright till 16 h., then overcast.
7	1021·0	1022·7	84·7	84·7	89	80	3·0	1·0	9·2	11·9	68	87	26	4	20	1	2	10	—	8·0	76	Bright till 16 h., then overcast.
8	1018·9	1017·2	89·0	87·1	90	85	2·1	0·3	13·9	15·6	78	97	24	4	24	2	10	10●⁰	6·6	—	83	Gloomy. ● from 14 h. 30 m.
9	1022·3	1021·6	82·4	79·7	87	79	2·2	1·4	8·8	7·8	73	81	28	4	Calm	0	2	0	—	7·5	78	Sunny most of day.
10	1018·9	1019·9	82·9	80·6	89	79	1·6	0·5	9·8	9·8	81	94	28	5	28	4	10	0	2·3	0·1	75	Overcast. ● 15 h.-16 h.
11	1017·2	1020·3	81·3	83·1	83	80	1·7	0·1	8·5	12·2	78	99	28	5	28	4	10	10●⁰	2·0	—	77	Overcast. ●⁰ 15 h.
12	1026·4	1030·8	85·8	83·5	90	80	1·1	0·5	12·9	11·9	87	94	4	2	2	1	10	0	—	1·2	81	Cloudy.
13	1031·1	1027·7	82·7	80·7	89	81	0·3	0·1	11·5	10·2	96	98	Calm	0	Calm	0	10	0	—	2·8	80	Overcast a. Sunny intervals p.
14	1025·7	1023·3	85·9	86·9	89	79	0·7	0·6	13·6	14·6	92	93	28	1	32	1	3	10	—	1·0	75	Overcast most of day. ●⁰ 16 h.
15	1022·7	1023·3	86·4	85·8	89	84	1·1	1·2	13·2	12·6	87	86	28	2	32	1	10	10	—	—	81	Overcast.
16	1024·0	1024·0	86·3	85·6	91	84	1·1	0·3	13·2	14·2	87	97	4	1	26	1	10	9	—	—	84	Overcast.
17	1024·7	1026·4	86·1	81·1	88	81	0·9	0·0	13·6	10·9	89	100	24	1	16	1	10	0⌓²	—	—	80	Gloomy.
18	1029·8	1031·5	84·1	82·6	89	77	0·5	0·8	12·2	10·9	93	90	24	1	32	2	8⌓²≡	2	—	3·0	76	Fine 9 h.-noon, then overcast.
19	1032·1	1031·1	84·1	83·7	85	82	1·7	0·7	10·5	11·9	80	92	32	3	4	4	9∞	10	—	—	79	Gloomy.
20	1030·4	1030·1	85·3	82·7	89	83	1·2	1·0	12·2	10·5	84	87	4	3	4	4	10	2	—	2·2	82	Gloomy a. Sunny intervals p.
21	1031·1	1030·8	85·3	80·8	89	78	2·3	0·8	10·5	9·5	74	90	6	3	32	2	0⌓²	0	—	10·0	76	Sunshine 7 h.-17 h.
22	1031·1	1030·4	85·0	81·9	90	77	1·4	0·5	11·5	10·5	83	94	12	3	32	2	6	0⌓²	—	9·7	75	Sunshine 7 h. 30 m.-17 h.
23	1031·5	1030·8	83·2	82·4	90	79	0·0	0·3	12·6	11·2	100	96	32	1	32	1	0≡⌓²	0⌓²	0·3	3·7	76	≡ early a. Fine.
24	1028·7	1027·1	86·1	81·4	88	79	0·9	1·0	13·6	9·5	89	88	32	3	32	2	9∞	9	—	3·7	76	Fine.
25	1024·0	1022·3	81·7	82·4	85	79	1·2	1·1	9·5	10·2	86	86	32	1	8	1	10	9	—	0·4	74	Gloomy most of day.
26	1022·3	1021·6	83·9	79·5	87	80	2·4	0·4	9·5	9·2	73	94	12	3	4	1	9	0⌓	—	6·0	80	Bright from 11 h.
27	1022·3	1019·6	83·7	81·9	88	n 75	2·2	0·9	9·5	10·2	75	89	12	1	32	3	0⌓²	0	—	9·0	n 72	Sunshine 8 h.-17 h.
28	1015·2	1011·5	85·2	86·3	88	80	1·9	1·6	10·9	12·6	77	82	8	4	12	4	4	8	2·3	6·0	76	Fine.
29	1010·5	1008·1	86·3	84·9	89	84	1·1	0·8	13·2	12·6	87	91	12	3	10	4	10	10	14·7	3·0	82	Gloomy till 11 h. 30 m. ● 22 h.
30	996·9	989·5	85·2	85·7	90	85	0·1	0·2	13·9	14·2	98	98	12	3-4	16	1	10●⁰	10●≡⁰	13·2	0·5	81	● till 13 h. Overcast.
Mean	1021·5	1021·0	85·1	83·4	88·6	80·6	1·4	0·8	11·8	11·4	83	91	2·8		2·2		7·2	4·8	45·3	3·54	78·5	
Mean Barometer at Station Level.	1019·8	1019·4																				

† Beaufort Scale (0—12).

SOUTHAMPTON, HAMPSHIRE, a.—SEPTEMBER 1912.

Heights above Mean Sea Level:—Station, H = 19·5 m.; Barometer, H_b = 25·6 m. Heights above Ground:—Therms., h_t = 1·37 m. Rain-gauge, h_r = 0·3 m. Lat. 50° 55′ N. Long. 1° 24′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200+ °	
1	1015·9	1013·8	89·1	86·9	91	84	0·6	1·2	17·0	13·6	93	86	28	3	28	1	8	8	—	0·6	82	Cloudy.
2	1012·8	1019·9	86·4	84·4	91	85	1·1	1·9	13·2	10·5	87	78	28	1	28	1	2	0	—	5·7	84	●⁰ showers *a*. Fine day.
3	1023·7	1018·9	86·9	87·4	89	80	2·7	0·5	11·2	15·3	71	93	28	1	20	2	10∞	10	—	—	78	Overcast. Drizzling ● 19 h.
4	1018·6	1022·3	89·7	88·1	*x* 92	87	1·2	1·8	16·3	13·9	87	81	20	3	28	2	10	0	—	6·9	87	Fine. Strong breeze till 18 h.
5	1023·3	1017·6	86·3	85·2	89	82	2·7	2·2	10·9	10·5	70	74	28	3	28	3	6	6	—	5·8	80	Fine *a*. Dull and cool *p*.
6	1016·9	1019·9	85·8	85·2	89	81	2·9	2·3	10·2	10·5	70	73	28	4	28	3	5	8	—	5·6	78	Fine *a*.
7	1026·0	1026·4	86·8	85·3	91	81	3·1	1·3	10·5	11·9	67	84	28	2	28	1	3	0	—	8·1	76	Fine.
8	1023·3	1021·0	90·0	87·5	*x* 92	85	3·0	1·0	13·6	14·6	70	88	28	3	28	3	6	1	0·5	2·9	83	Fine.
9	1024·0	1024·0	84·1	81·5	88	81	2·7	2·0	9·2	8·2	70	75	4	2	4	2	0	0	—	8·9	82	Fine.
10	1023·3	1022·0	82·3	81·9	86	78	2·0	1·1	8·8	9·8	75	86	28	2	28	2	8	0≡⁰	—	1·3	76	Fine to cloudy. ≡⁰ *p*.
11	1021·0	1023·0	83·6	82·1	86	79	2·2	1·5	9·5	9·5	75	82	28	2	28	3	10	8	—	2·6	77	Fine to dull.
12	1026·7	1030·4	85·5	85·2	90	82	1·9	1·3	11·2	11·9	77	85	32	3	4	2	2	3	—	3·7	81	Fine.
13	*1030·4*	1030·1	86·3	84·4	90	82	1·5	0·6	12·6	12·6	82	92	4	1	28	1	2	0	—	4·8	79	Fine. ≡⁰ *n*.
14	1027·7	1027·1	83·5	88·0	90	82	0·5	0·8	11·9	15·3	94	91	28	1	28	1	5	10●⁰	—	0·3	77	≡⁰ *n*. Dull.
15	1026·4	1024·3	88·0	86·9	89	85	1·4	1·6	14·2	12·9	85	82	28	1	28	1	5	0	—	7·3	82	Fine.
16	1027·1	1025·7	87·2	87·8	91	83	1·4	0·6	13·6	15·6	84	93	28	1	20	1	0∞	8	—	—	80	Fine *a*. Overcast afternoon.
17	1026·4	1027·4	86·9	85·5	90	82	0·5	0·9	14·9	12·9	94	89	28	1	4	1	10	0∞⁰	—	0·2	81	Cloudy. ∞⁰ *n*.
18	1029·8	1031·5	84·7	83·7	91	81	0·5	1·2	12·9	11·2	94	86	4	1	4	2	0≡	0∞⁰	—	4·8	79	≡² *a*. Fine. ∞⌓ *p*.
19	*1030·1*	1030·1	83·6	84·1	86	81	1·9	1·7	9·8	10·5	78	79	4	2	4	2	10	10	—	0·1	78	Dull.
20	1029·1	1028·7	86·3	82·5	90	81	2·0	2·1	11·9	8·8	77	74	4	2	4	3	3	0	—	6·0	79	Fine.
21	1029·8	1028·7	85·2	83·1	89	79	5·3	2·2	6·8	9·2	48	74	4	2	4	4	0∞⁰	0	—	9·8	76	Fine, with cool breeze.
22	1029·4	1028·4	85·8	84·0	90	80	3·3	1·5	9·5	10·9	66	82	8	3	8	4	0	0	—	9·9	76	Fine.
23	1029·8	1030·1	85·2	83·9	91	80	2·1	1·3	10·5	10·9	75	85	4	2	4	2	0	0	—	8·9	78	Fine.
24	1030·8	1026·0	83·0	81·3	89	80	1·0	1·5	10·5	8·8	87	80	4	2	4	2	10	0	—	4·4	76	Fine.
25	1023·0	1021·0	81·8	81·0	86	*n* 77	2·0	1·7	8·5	8·5	75	80	4	2	4	3	5	5	—	6·3	*n* 73	Fine, but cold.
26	1021·0	1019·6	83·7	82·1	87	81	1·7	1·8	10·2	8·8	80	78	8	2	12	2	3	1	—	5·8	78	Fine, but cold.
27	1019·6	1016·2	85·2	84·2	87	79	3·2	2·0	9·2	10·2	65	76	12	4	12	2	0	2	—	7·1	75	Fine.
28	1009·1	1008·4	83·6	84·7	88	81	1·6	0·8	10·2	12·2	81	90	12	2	12	4	8	10●⁰	1·6	3·4	78	Fine. ● showers from 20 h.
29	1009·4	1005·0	85·3	85·1	89	84	0·5	0·6	13·2	12·9	93	91	12	3	12	4	10●	10●	36·6	2·4	84	● showers till 11 h., and from 19 h.
30	996·2	990·1	86·6	84·6	90	84	0·3	0·2	14·9	13·2	96	98	20	3	20	3	10●	10●	22·6	2·2	84	● *a*. Fine. ● from 17 h.
Mean	1022·7	1021·9	85·6	84·6	89·2	81·5	1·9	1·4	11·6	11·5	79	84		2·1		2·2	5·0	3·7	61·3	4·53	79·2	
Mean Barometer at Station Level.	1019·6	1018·8																				

FALMOUTH, CORNWALL, a.e.—SEPTEMBER 1912.

Heights above Mean Sea Level:—Station, H = 50·9 m.; Barometer, H_b = 55·8 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·6 m Lat. 50° 9′ N. Long 5° 4′ W. *Time*, Greenwich mean time.

Day	Bar. 9 h.	21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. 9 h.	21 h.	V.P. 9 h.	21 h.	% 9 h.	21 h.	Wind 9 h.		21 h.		Cloud 10 h.	22 h.	Rain 10 h.	Sunshine	Min. Grass	Remarks
													*		*							
1	1018·9	1013·8	87·5	84·9	89	85	1·2	0·2	14·2	13·6	86	97	28	3	—	0	9	10●⁰	4·6	0·1	—	Overcast. Wet afternoon.
2	1016·2	1021·3	87·1	85·2	89	84	1·1	1·0	13·9	12·2	87	87	32	3	—	0	9	2	—	4·2	—	Cloudy to sunny.
3	1023·7	1022·7	87·0	88·1	*x* 90	84	0·6	0·5	14·9	16·3	93	95	20	3	22	3	10	10	2·3	—	—	Overcast and damp.
4	1021·3	1022·7	87·4	85·8	89	85	1·1	1·6	14·2	11·9	86	82	28	5	24	4	7	0	—	2·8	—	Fine and bright.
5	1023·0	1022·0	86·2	85·7	88	84	2·8	2·0	10·5	11·2	70	77	28	4	28	3	9	5	—	3·1	—	Cloudy; intermittent sunshine.
6	1021·6	1023·7	85·6	84·8	87	84	3·1	1·6	9·5	11·2	67	81	30	5	30	4	10	0	—	6·7	—	Cloudy *a*. Bright *p*.
7	1027·4	1029·4	86·3	84·9	89	83	2·7	0·8	10·9	12·6	70	90	30	4	—	1	2	0	—	10·9	—	Fine and bright.
8	1027·7	1025·4	88·5	86·3	*x* 90	85	1·6	0·4	14·6	14·2	83	94	26	5	28	4	2	2	—	8·6	—	Fine and bright.
9	1024·7	1025·7	87·0	82·3	89	81	1·3	1·1	13·6	10·2	85	85	2	3	—	1	7	0	—	7·5	—	Fine and bright.
10	1024·0	1024·7	84·0	83·1	86	81	2·6	1·6	9·2	9·8	71	81	2	4	2	4	10	0	—	1·9	—	Fair, but with cold wind.
11	1024·0	1025·7	84·8	84·1	86	82	2·9	2·2	9·5	9·8	68	75	30	4	2	2	9	0	—	2·6	—	Sunny to cloudy *a*. Overcast *p*.
12	1028·4	1030·8	85·5	84·0	88	83	3·1	0·9	9·5	11·5	67	88	2	4	—	1	7	0	—	6·0	—	Cloudy to sunny.
13	1032·1	1031·5	84·5	84·6	89	82	0·9	0·5	11·9	12·9	88	94	—	1	32	2	9	0	—	6·1	—	Cloudy to bright.
14	1029·8	1027·4	86·3	85·2	89	84	0·9	0·7	13·6	12·9	89	90	32	4	32	4	5	3	—	7·5	—	Bright and fresh.
15	1026·4	1024·7	88·0	84·7	*x* 90	84	1·1	0·9	14·9	12·2	88	88	32	2	—	1	10	0	—	6·4	—	Cloudy to bright.
16	1025·4	1026·7	86·8	85·8	89	83	0·8	0·6	14·2	13·6	91	93	—	1	—	1	10	0	—	8·3	—	Bright and fresh.
17	1027·4	1027·1	85·9	85·2	*x* 90	82	0·6	1·0	13·6	12·6	93	88	—	1	2	2	0	10	—	8·3	—	Generally bright.
18	1028·7	1029·4	86·8	86·3	89	85	1·7	1·4	12·9	12·6	81	83	4	2	8	3	0	0	—	9·0	—	Bright and cloudless.
19	1029·4	1027·4	84·2	85·7	86	84	1·7	2·0	10·5	11·2	80	76	6	5	8	4	10	10	—	1·1	—	Cold and overcast.
20	1026·4	1026·0	86·2	85·8	87	85	1·9	2·3	11·9	10·9	78	75	8	4	10	5	10	1	—	6·8	—	Bright and fresh.
21	1026·4	1025·7	85·7	85·7	87	85	1·6	2·3	11·9	10·9	81	74	8	4	10	5	2	0	—	9·2	—	Fine and bright.
22	1025·7	1025·4	86·3	86·0	87	85	2·8	2·2	10·9	11·2	70	75	10	5	10	6	2	1	—	8·2	—	Bright and fresh.
23	1027·1	1028·1	85·9	85·8	88	85	1·1	1·7	12·9	11·9	87	80	6	4	10	4	4	0	—	7·8	—	Bright and fresh.
24	1028·1	1024·3	85·8	85·3	87	85	1·2	1·2	12·6	12·2	86	85	6	4	—	1	1	9	—	8·1	—	Bright and fresh.
25	1019·9	1017·9	85·7	84·5	87	84	2·1	2·4	11·2	9·8	75	72	12	5	10	5	9	1	—	4·1	—	Cloudy *a*. Bright *p*.
26	1015·9	1014·5	85·8	85·5	86	85	2·5	2·6	10·5	10·2	73	71	14	6	14	6	7	1	—	6·2	—	Cloudy to bright.
27	1014·2	1010·8	85·2	84·8	86	85	2·1	1·2	10·5	11·5	75	85	12	6	12	4	9	9	0·5	0·7	—	Overcast to cloudy.
28	1006·4	1001·0	85·8	86·1	86	85	2·2	0·4	11·2	14·2	75	96	10	6	10	5	9	10	8·9	0·1	—	Dull, with cold wind.
29	1004·0	1000·0	84·8	81·3	86	81	1·2	0·0	11·5	10·9	85	99	20	3	—	0	7	0	3·8	1·1	—	Cloudy to dull.
30	996·2	988·8	83·0	82·0	86	*n* 80	0·5	0·7	11·5	10·5	94	92	—	1	30	4	2	10	5·1	2·6	—	Dull and damp.
Mean	1022·3	1021·5	86·0	85·0	87·9	83·6	1·7	1·3	12·1	11·9	81	85		3·7		3·0	6·6	3·1	25·2	5·20	—	
Mean Barometer at Station Level.	1015·6	1014·7																				

* Metres per second. † Beaufort Scale (0—12).

ARMAGH, a.—SEPTEMBER 1912.

Heights above Mean Sea Level:—Station, H = 59·8 m.; Barometer, H_b = 61·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200+ °	
1	1013·2	1011·5	85·8	84·3	89	84	1·3	0·6	12·6	12·2	85	91	20	2	—	1	10	10	0·5	—	82	Overcast.
2	1014·5	1018·6	85·0	83·4	89	79	2·7	1·5	9·8	10·2	70	82	—	1	—	0	10	10	4·7	1·4	75	Cloudy.
3	1012·5	1006·7	86·3	87·7	*x* 92	82	0·1	0·1	14·9	16·3	98	99	18	5	20	5	10	10	5·9	—	82	Mild, with ● showers.
4	1009·8	1014·2	86·3	82·3	89	82	2·7	1·5	10·9	9·5	70	80	22	4	26	2	9	7	1·4	5·5	82	Fine. Few ● showers.
5	1014·5	1015·9	83·9	80·6	88	81	1·9	1·1	10·2	8·8	78	85	28	3	—	1	10	7	1·0	7·0	79	Fine. Few ● showers.
6	1018·3	1022·7	84·7	82·2	86	80	2·6	1·1	9·8	9·8	71	86	—	1	—	0	10	5	—	1·1	79	Cloudy.
7	1023·7	1021·3	84·5	86·6	89	80	0·9	0·6	11·9	14·2	89	93	22	2	24	2	10	10	0·3	0·4	76	Overcast.
8	1020·6	1023·7	87·4	83·0	90	83	0·5	1·7	15·3	9·8	94	80	22	2	—	1	10	7	0·1	0·4	85	Overcast.
9	1028·1	1027·1	83·5	80·7	86	77	2·9	0·8	8·5	9·2	68	89	32	2	—	1	4	10	—	4·8	*n* 72	Fine.
10	1026·4	1026·4	82·7	79·1	85	79	1·9	1·6	9·2	7·5	76	79	—	1	—	1	10	7	—	0·6	80	Cloudy.
11	1025·4	1029·1	83·9	79·5	87	79	2·5	0·4	9·2	9·2	72	94	32	2	—	0	8	2	—	5·5	75	Fine.
12	1031·8	1031·8	84·5	82·3	90	80	1·6	1·0	11·2	10·2	81	87	—	0	20	2	2	0	—	6·2	74	Very fine.
13	1031·8	1030·8	82·3	84·3	88	77	0·2	1·0	11·5	11·5	98	88	—	1	—	1	10	10	0·3	4·4	75	≡ early *a*. Very fine.
14	1028·4	1027·1	85·7	85·3	90	84	0·5	0·8	13·6	12·9	94	89	20	2	—	0	10	10	—	0·9	83	Cloudy.
15	1026·4	1025·4	86·8	84·2	91	82	2·5	0·3	11·5	12·6	72	96	—	0	—	0	5	5	—	9·9	80	Very fine.
16	1025·7	1026·4	86·0	84·8	87	83	0·7	0·8	13·6	12·6	92	91	—	0	—	1	10	10	—	—	79	Overcast.
17	1028·1	1029·8	85·9	82·4	90	82	2·2	1·2	11·2	9·8	75	85	—	0	—	1	6	7	—	6·2	80	Fine.
18	1032·1	1032·5	83·5	82·7	91	79	0·7	1·8	11·5	9·2	91	77	—	1	—	1	9	0	0·1	5·8	75	Fine.
19	1033·2	1031·8	86·2	80·1	89	76	1·9	1·0	11·9	8·8	79	86	—	0	—	0	2	0	—	8·2	74	Fine.
20	1031·8	1030·4	83·0	83·3	86	77	0·6	2·0	11·2	9·5	92	77	—	0	—	0	10	10	—	—	73	Overcast.
21	1030·1	1029·1	85·1	81·7	87	81	1·7	1·5	11·2	9·2	79	82	14	2	12	3	10	0	—	6·7	82	Fine.
22	1029·4	1029·1	84·5	81·8	87	80	1·8	1·1	10·9	9·5	79	86	—	1	—	1	2	0	—	9·5	75	Fine.
23	1030·8	1030·8	86·2	80·6	89	80	2·2	0·9	11·5	9·2	76	88	—	1	—	1	3	0	—	7·9	74	Fine.
24	1029·8	1025·4	81·1	80·1	87	*n* 74	0·1	1·1	10·5	8·5	98	86	—	0	—	1	2	0	0·6	3·1	*n* 72	≡⁰ early *a*. Fine.
25	1021·6	1018·9	82·2	81·6	85	79	0·5	1·6	10·9	8·8	93	80	12	3	10	2	10●⁰	5	—	1·7	74	● showers 9 h. Cloudy.
26	1016·9	1016·6	83·8	82·7	85	80	2·6	1·4	9·2	9·8	71	83	12	4	12	3	10	9	—	1·0	77	Cloudy.
27	1016·6	1014·9	84·1	81·5	85	81	2·3	1·9	9·5	8·5	73	76	14	3	—	1	10	9	—	0·8	79	Cloudy.
28	1013·2	1011·8	84·6	83·6	86	81	2·4	2·3	9·8	9·5	73	74	8	4	6	3	10	10	1·0	3·8	77	Fine.
29	1006·4	1004·7	84·3	80·3	86	80	0·7	1·1	12·2	8·8	91	85	8	4	—	1	10	0	7·0	—	81	● showers till 14 h.
30	995·9	991·2	83·4	83·4	86	80	0·4	0·6	11·9	11·5	96	93	—	1	—	0	10	10	—	0·2	75	Overcast.
Mean	1022·2	1021·8	84·6	82·5	87·8	80·2	1·5	1·1	11·2	10·3	82	86		1·7		1·2	8·1	6·0	22·9	3·43	77·5	
Mean Barometer at Station Level.	1014·7	1014·3																				

MARKREE CASTLE, SLIGO, a.b.—SEPTEMBER 1912.

Heights above Mean Sea Level:—Station, H = 37·2 m.; Barometer, H_b = 38·7 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 54° 11′ N. Long. 8° 27′ W. *Time*, Dublin mean time.

Day	Bar. 9 h.	21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. 9 h.	21 h.	V.P. 9 h.	21 h.	% 9 h.	21 h.	Wind 9 h.		21 h.		Cloud 9 h.	21 h.	Rain	Sunshine	Min. Grass	Remarks
													†		†							
1	1014·5	1014·2	87·4	83·6	88	84	1·9	0·6	12·9	11·9	79	93	20	1	32	1	10	10●	4·8	—	82	Fair *a*., then ●.
2	1016·9	1019·3	84·6	83·0	86	81	2·7	0·6	9·5	11·2	70	93	16	1	28	2	8	5	1·8	0·5	77	Dull till 14 h. ● at times.
3	1013·5	1010·1	87·7	85·8	*x* 91	82	0·3	0·7	15·9	13·6	97	92	20	1	32	1	5	10	11·4	—	82	Fair *a*. ●² 13 h. –21 h.
4	1013·2	1017·2	85·7	82·4	87	82	1·9	1·6	11·5	9·5	78	80	28	2	Calm	0	10	3	3·1	0·6	81	● showers.
5	1017·6	1018·6	82·5	82·4	87	81	0·7	1·6	10·9	9·5	91	79	16	2	32	2	6	7	2·0	3·8	79	●⁰ showers.
6	1020·3	1025·0	85·2	82·4	87	81	1·6	1·1	11·2	10·2	80	86	24	2	24	2	5	9●⁰	2·3	8·0	80	● showers *a*.
7	1025·0	1024·0	83·8	87·1	87	81	0·5	0·9	12·2	14·2	94	90	28	3	28	3	10●⁰	10	1·8	—	79	Drizzling ● all day.
8	1022·7	1025·0	87·9	84·7	88	84	1·0	0·3	14·9	13·2	88	97	32	3	Calm	0	9	10●⁰	2·5	—	86	Beautiful day.
9	1028·7	1028·7	81·9	81·9	86	76	2·2	2·2	8·2	8·2	73	73	Calm	0	32	2	3	10	—	7·0	*n* 72	Fine and cool.
10	1028·4	1027·7	83·0	81·3	86	80	2·8	1·6	8·5	8·5	68	79	28	2	32	1	9	1	—	7·2	80	Fine and cool.
11	1027·7	1030·4	84·7	79·4	87	79	3·4	0·8	8·8	8·5	64	88	32	1	32	1	4	0	—	10·1	76	Fine and warm.
12	1031·5	1031·8	83·3	77·4	90	*n* 75	1·0	0·5	10·9	7·8	89	92	32	1	30	2	0	0	—	10·2	*n* 72	Fine. Misty *n*.
13	1031·8	1031·8	80·4	83·6	89	*n* 75	0·2	0·7	10·2	11·5	98	92	28	2	Calm	0	10≡⁰	7	0·3	3·8	74	Drizzling ● most of day.
14	1029·4	1028·1	86·1	84·6	89	82	0·6	0·4	13·9	12·9	94	95	Calm	0	30	1	10	10●⁰	2·3	—	81	Overcast.
15	1027·4	1026·4	84·9	84·7	87	83	0·8	0·1	12·6	13·6	91	99	Calm	0	Calm	0	9	5	—	0·2	82	Cloudy.
16	1026·0	1026·7	86·8	85·1	90	83	0·5	0·7	14·9	12·9	94	91	Calm	0	Calm	0	9	10	—	0·2	82	Dull and warm. ⌴ *n*.
17	1028·1	1030·1	85·2	81·8	89	81	0·5	0·3	13·2	10·9	93	96	Calm	0	Calm	0	10	0	—	1·0	84	≡⁰ *a*. Cloudy.
18	1031·8	1032·1	83·0	81·1	*x* 91	76	0·6	0·4	11·2	10·2	93	95	Calm	0	Calm	0	1	0	—	9·4	75	≡⁰ *a*. Fine day.
19	1032·1	1030·8	83·8	81·6	90	77	0·5	1·1	12·2	9·5	95	86	Calm	0	16	1	0	0	—	5·5	74	Overcast.
20	1031·1	1029·4	84·0	83·5	87	81	1·7	1·3	10·5	10·5	80	85	12	1	Calm	0	10	10	—	0·4	78	≡⁰ *a*. Overcast.
21	1028·7	1027·7	85·1	81·1	89	81	2·1	0·9	10·5	9·5	75	89	12	2	12	1	0	0	—	7·8	82	Beautiful day.
22	1027·7	1028·1	83·9	80·8	88	78	1·8	1·1	10·2	9·2	79	86	16	2	12	1	0	0	—	9·2	75	Beautiful day.
23	1029·4	1030·1	82·4	80·8	88	77	1·1	0·6	10·2	9·8	86	93	16	2	16	1	0	2	—	7·0	73	≡ early *a*. Fine.
24	1028·7	1024·3	80·2	82·2	89	76	0·0	1·0	10·2	10·2	100	88	Calm	0	12	1	*10*≡	1	—	3·5	*n* 72	≡⌴ early *a*. Cloudy.
25	1019·9	1016·2	83·5	83·6	87	80	0·6	2·3	11·9	9·5	93	74	12	2	10	3	10	10	—	2·3	77	Cloudy.
26	1014·5	1014·9	82·2	83·0	88	81	1·4	1·7	9·5	9·8	82	80	12	1	12	2	6	9	0·5	5·3	80	Fine.
27	1013·8	1012·5	83·0	81·8	87	80	1·1	1·6	10·5	9·2	86	80	12	2	16	1	10	10	—	0·1	80	Drizzling ● *a*. Cloudy.
28	1011·5	1010·5	84·5	84·0	87	80	2·1	2·1	10·2	9·8	76	75	12	2	8	1	9	9	—	0·7	77	Cloudy and squally.
29	1004·0	1004·0	84·5	81·6	87	81	0·9	0·8	11·9	9·8	88	89	8	1	Calm	0	10	3	0·5	0·6	80	Overcast.
30	998·6	992·8	84·1	84·1	87	81	0·9	1·2	11·5	11·2	88	85	Calm	0	32	1	6	9	—	0·6	77	Overcast.
Mean	1022·5	1022·3	84·2	82·6	88·1	80·0	1·2	1·0	11·4	10·6	85	87		1·2		1·0	6·6	5·7	33·3	3·50	78·3	
Mean Barometer at Station Level.	1017·8	1017·6																				

* Metres per second. † Beaufort Scale (0—12).

Dublin (Phœnix Park), a.—September 1912.

Heights above Mean Sea Level:—Station, H = 47·3 m.; Barometer, H_b = 48·5 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second). 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200 + °	
1	1015·5	1013·2	86·5	85·6	89	84	1·4	1·0	12·9	12·9	83	89	22	2	22	2	10	7	—	—	82	Overcast.
2	1015·9	1019·9	85·0	82·3	87	79	2·1	0·5	10·5	10·9	76	93	24	2	—	0	8	10	0·8	1·9	75	Dull.
3	1015·5	1010·5	88·1	88·9	x 93	82	1·0	0·5	14·9	17·0	89	95	20	4	22	5	10	10●	2·3	0·2	81	● 10 h. Dull.
4	1013·5	1016·6	86·7	83·5	89	83	3·0	2·1	10·5	9·5	68	76	22	6	22	4	6	8	0·1	7·1	82	Fine. ●⁰ 17 h. 30 m.–19 h.
5	1016·9	1018·3	84·5	81·7	87	81	2·5	1·6	9·8	8·8	71	80	22	5	24	3	9	8	0·6	3·8	79	Cloudy.
6	1018·9	1023·7	85·0	81·0	89	80	2·1	1·2	10·5	8·8	76	84	24	3	—	1	6	0	—	9·2	77	Bright.
7	1025·4	1024·0	85·1	87·3	89	81	1·6	1·0	11·5	14·6	80	89	22	3	22	5	8	10	—	0·4	77	Dull.
8	1023·0	1023·7	87·4	86·3	91	86	1·4	0·5	13·6	14·2	84	94	22	4	24	2	10	10	—	0·1	85	Overcast.
9	1027·1	1028·1	82·9	81·4	86	77	1·4	1·9	10·2	8·2	84	76	30	2	—	0	8	10	—	5·3	74	Fine.
10	1026·7	1026·7	82·6	81·1	85	79	2·0	1·9	9·2	8·2	75	77	32	3	—	1	8	7	—	0·4	76	Dull.
11	1025·7	1028·7	82·5	80·9	86	80	1·9	0·6	9·2	9·8	76	93	30	3	—	0	10	4	—	1·2	79	Cloudy.
12	1031·5	1032·5	84·1	77·5	87	77	1·3	0·2	11·2	8·2	86	96	—	0	—	0	7	0	—	4·3	72	Fine.
13	1032·1	1031·8	85·9	83·9	90	76	1·7	0·8	11·9	11·5	81	90	24	2	26	2	1	0	—	10·5	72	Beautiful day.
14	1030·1	1027·4	84·6	86·9	89	82	0·7	0·8	12·2	14·2	91	91	24	3	—	1	10	8	—	—	81	Overcast.
15	1026·7	1025·7	85·6	82·0	91	81	2·1	0·2	11·2	11·2	77	98	—	1	—	0	5	0	—	8·1	82	Beautiful day.
16	1025·7	1026·7	84·5	85·5	88	80	0·3	0·9	12·9	12·9	97	89	—	1	—	0	10	10	—	—	76	Overcast.
17	1028·4	1029·8	84·6	80·2	87	80	0·3	0·1	13·2	9·8	96	99	—	1	—	0	10	0	—	—	84	Overcast.
18	1031·5	1032·5	85·3	79·4	89	78	1·3	0·4	11·9	9·2	83	94	4	2	—	0	8	0	—	6·3	74	Fine.
19	1033·2	1031·8	85·5	79·6	86	77	1·6	0·4	11·5	9·2	80	95	8	3	—	0	6	2	—	3·3	74	Cloudy.
20	1031·5	1030·4	85·0	84·7	86	77	2·5	2·2	10·2	10·2	72	75	8	2	—	0	10	10	—	0·1	72	Overcast.
21	1030·1	1029·4	85·6	77·0	87	77	2·7	0·3	10·2	7·8	72	97	10	3	—	0	5	0	—	12·0	73	Beautiful day.
22	1029·1	1029·1	85·7	76·8	87	75	2·6	0·1	10·5	7·8	72	99	12	3	—	0	5	0	—	8·3	n 71	Beautiful day.
23	1030·4	1030·8	85·7	75·8	88	75	2·0	0·2	11·2	7·1	77	96	10	3	—	0	6	0	—	6·8	72	Beautiful day.
24	1029·8	1026·4	86·1	76·5	89	n 74	1·3	0·1	12·6	7·8	85	98	12	2	—	0	1	0	—	3·9	n 71	Cloudy.
25	1021·6	1018·9	85·7	82·0	86	76	4·0	1·7	8·5	8·8	60	79	12	4	12	2	4	6	—	2·3	72	Cloudy.
26	1016·6	1016·6	84·7	84·0	87	81	1·9	2·7	10·9	9·2	78	70	12	3	12	3	8	6	—	1·3	77	Cloudy.
27	1016·2	1014·2	84·1	84·9	85	84	2·3	2·9	9·8	9·5	74	68	12	5	10	4	10	10	—	0·3	81	Dull.
28	1012·1	1009·8	84·5	84·3	87	84	3·1	1·5	8·8	10·9	67	82	10	5	8	6	10	0	4·8	3·5	82	Cloudy.
29	1002·7	1002·3	85·1	84·0	86	84	0·6	1·1	12·9	11·5	91	87	8	4	6	3	10	2	1·9	—	81	● 2 h.–6 h. Overcast.
30	995·2	991·8	84·4	83·8	87	81	0·6	0·7	12·6	11·9	92	91	32	2	—	0	10	10	0·3	0·1	77	● 6 h. 30 m. Overcast.
Mean	1022·6	1022·4	85·1	82·3	87·7	79·6	1·8	1·0	11·2	10·4	80	88	2·9		1·5		7·6	4·9	10·8	3·36	77·0	
Mean Barometer at Station Level.	1016·7	1016·4																				

Limerick (Mungret College).—September 1912.

Heights above Mean Sea Level:—Station, H = 14·3 m.; Barometer, H_b = 15·2 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 52° 38′ N. Long. 8° 41′ W. *Time*, Dublin mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Grass	Remarks
1	1016·6	1014·5	86·3	85·1	87	85	0·1	0·3	14·9	13·6	99	95	20	2	28	2	10	10	3·2	—	83	●⁰ showers.
2	*1017·6*	1018·9	86·3	85·6	89	82	1·2	0·6	13·2	13·6	86	93	Calm	0	Calm	0	9●⁰	10	2·9	2·9	81	Fine.
3	1016·9	1012·8	90·1	88·5	x 94	85	0·2	0·1	18·6	17·3	97	99	20	3	20	5	10	10●	2·8	1·0	85	Dull, close day.
4	1016·6	1019·9	86·4	83·4	89	83	2·1	0·6	11·9	11·9	76	93	24	6	28	4	7	3	0·4	3·5	81	/
5	1020·6	1021·0	85·0	84·0	86	83	1·5	0·4	11·5	12·2	82	94	28	2	28	3	9	10	—	0·1	80	Dull, cold day.
6	1022·3	1025·0	85·2	83·5	88	82	2·3	0·9	10·5	11·5	74	90	24	2	24	1	7	3	—	2·1	80	Dull and cold.
7	1026·4	1026·4	86·3	87·1	90	80	1·2	0·3	13·2	15·3	86	97	24	2	24	6	10	10	0·6	0·2	77	Drizzling ● a. Misty 16 h.–18 h.
8	1025·4	1025·4	87·7	86·9	89	86	0·6	0·2	15·3	15·6	92	98	20	4	24	3	10●⁰	10	—	0·6	86	Drizzling ● all day.
9	1027·4	1026·4	82·7	80·4	87	77	1·5	1·0	9·8	8·8	82	87	4	3	32	2	6	0	—	9·5	76	Very fine.
10	1028·1	1028·1	82·7	82·0	87	76	1·5	1·7	9·8	9·2	82	79	32	1	28	2	10	0	—	7·0	75	Dull till 10 h., then fine.
11	1027·7	1029·1	83·9	82·4	87	80	1·8	3·7	10·2	6·8	79	58	32	2	32	3	6	2	—	7·2	81	Fine.
12	1031·8	1032·5	80·1	81·4	90	74	0·4	0·0	9·5	10·9	94	99	Calm	0	Calm	0	0≡	0	—	8·3	74	≡ till noon.
13	1033·2	1032·8	78·6	84·7	88	75	0·0	1·0	9·2	11·9	100	87	Calm	0	24	1	0≡	10	—	1·3	75	≡ till 10 h.
14	1031·1	1028·4	85·7	86·4	88	84	0·9	0·0	12·9	15·3	89	100	24	3	24	1	10	10●⁰	0·1	—	84	Dull.
15	1027·1	1025·7	86·1	83·0	91	82	0·5	0·1	14·2	12·2	94	99	28	2	Calm	0	10	0	—	7·1	80	Beautiful day.
16	1025·7	1025·7	83·9	85·8	92	81	0·1	0·1	12·9	14·6	99	99	Calm	0	Calm	0	10≡	0	—	5·2	78	≡ a. Fine.
17	1027·7	1028·4	86·3	87·6	90	84	0·5	0·1	14·2	16·3	93	99	Calm	0	4	2	10≡	10	—	—	81	≡ a. Dull.
18	1030·4	1030·8	87·7	82·9	91	82	1·7	0·4	13·2	11·5	80	95	8	2	4	2	2	0	—	9·8	80	Very fine.
19	1030·8	1029·8	85·1	80·4	89	77	0·3	0·6	13·6	9·5	95	92	8	2	12	2	3	1	—	5·2	76	≡ early a. Fine.
20	1028·1	1028·1	84·1	83·1	87	78	1·8	1·0	10·5	10·9	79	88	4	3	8	3	9≡⁰	10	—	2·6	75	Dull.
21	1026·7	1026·7	84·9	81·1	88	79	1·2	0·3	11·9	10·2	85	96	8	4	8	3	2	0	—	5·3	78	Fine.
22	1026·0	1026·7	83·5	80·2	89	78	0·6	0·4	11·9	9·5	93	95	8	3	8	3	9	0⌓	—	7·5	75	Very fine.
23	1027·7	1029·1	84·9	79·7	89	77	0·9	0·3	12·2	9·5	89	96	8	2	32	1	2	0⌓	—	7·8	74	Very fine.
24	1027·7	1023·3	84·6	81·2	89	n 72	0·5	0·3	12·6	10·5	93	96	8	2	8	2	3	3	—	6·4	n 72	≡ early a. Fine.
25	1017·6	1013·2	84·1	85·2	87	80	1·2	1·4	11·2	11·5	85	82	12	4	12	6	9	10	—	2·5	79	Cloudy.
26	1010·8	1011·8	85·9	83·9	88	83	1·6	2·1	12·2	9·8	82	76	12	7	12	4	10	8	0·9	0·4	81	Dull.
27	1011·1	1009·8	84·7	84·1	86	83	0·6	2·0	12·6	10·2	92	76	8	3	12	4	10	10	1·1	0·3	81	Dull.
28	1007·4	1006·1	84·1	83·7	87	82	1·2	1·4	11·2	10·5	87	83	8	6	4	5	10●	10	—	1·3	81	Dull.
29	1000·0	1000·6	85·7	81·9	87	80	1·4	0·5	12·2	10·5	84	94	4	4	4	2	10	1	—	—	77	Dull.
30	996·2	992·8	81·9	84·2	88	79	0·1	0·8	11·2	11·9	99	90	Calm	0	Calm	0	10	10	—	3·1	75	Fine.
Mean	1022·1	1021·7	84·9	83·7	88·6	80·4	1·0	0·8	12·3	11·8	88	91	2·5		2·4		7·4	5·4	12·0	3·61	78·7	
Mean Barometer at Station Level.	1020·2	1019·7																				

* Metres per second. † Beaufort Scale (0—12).

Meteorological Office, London,
October 25th, 1912.

[*Price One Shilling.*]

Deerness, Orkney, a.b.—October 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 49·7 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	°	
1	1003·3	1006·1	81·7	78·8	84	79	2·1	1·7	8·2	7·1	74	78	2	11	2	10	7	2	1·3	4·2	—	Fine. ● after 16 h.
2	1010·8	1017·2	77·5	76·5	80	76	1·4	0·9	6·8	6·8	80	86	32	11	30	9	5	2	0·8	5·7	—	●▲ showers n. and a. Fine.
3	1024·0	1025·4	78·1	80·3	81	76	1·0	0·2	7·5	9·8	85	97	28	6	22	4	7	10	2·5	1·1	—	Fair a. ● from 19 h. 30 m.
4	1025·4	1025·0	80·7	82·3	84	77	0·4	0·3	9·8	11·2	95	95	22	7	22	8	7	10●	2·0	0·5	—	Overcast a. ● showers p.
5	1021·3	1014·9	81·7	81·8	84	78	1·1	0·6	9·5	10·5	86	93	18	9	18	11	7	10●	1·3	0·1	—	Cloudy. ● from 17 h.
6	1011·8	1004·4	82·8	82·2	x 86	81	1·7	0·5	9·5	10·9	80	93	18	10	18	14	1	10	2·0	6·7	—	Very fine a. ● from 19 h.
7	1009·1	1018·6	85·0	83·4	85	82	1·0	0·6	12·2	11·9	88	94	22	10	24	4	8	2	0·8	0·2	—	Fair a. ● showers 10 h.–16 h.
8	1019·6	1017·6	83·4	83·4	85	81	0·3	1·7	12·2	10·2	96	80	14	5	14	10	8	5	—	6·6	—	⌓. Very fine a.
9	1020·6	1023·0	83·4	81·7	84	82	1·1	0·2	10·9	10·9	87	97	16	7	18	2	6	0	—	0·1	—	⌓. Fine.
10	1021·3	1016·6	83·7	83·2	85	81	1·5	1·0	10·5	10·9	83	88	16	5	16	7	3	1	3·3	7·4	—	⌓. Very fine.
11	1015·5	1024·7	82·8	80·8	84	81	0·3	0·5	11·9	9·8	97	94	18	6	—	1	10●	2	—	2·0	—	● 3 h.–9 h., then fine.
12	1024·7	1018·9	82·8	82·8	84	79	1·0	0·6	10·5	11·2	88	93	14	3	14	10	1	10	5·3	4·7	—	⌓². Very fine a.
13	1013·2	1012·5	83·6	83·4	85	82	0·3	0·3	12·2	12·2	97	97	14	9	16	6	10≡⁰	3	6·9	0·5	—	● 4h.–7 h. ●⁰ 16 h.–18 h.
14	996·9	1015·9	84·5	83·1	85	80	0·5	1·0	12·9	10·9	95	88	16	11	24	7	9	3	1·5	0·4	—	● 4 h.–7 h. ☈ after 23 h.
15	1014·2	1004·7	81·5	82·8	83	80	1·1	0·4	9·5	11·5	86	94	18	10	18	11	10	10	3·2	—	—	● 10 h.–15 h. Dull.
16	1005·4	997·9	82·2	80·6	84	80	0·5	1·1	10·9	8·8	93	85	18	2	26	12	10	2	2·5	—	—	Dull. ● 11 h.–14 h.
17	1009·1	1019·3	81·1	78·8	82	79	0·9	0·4	9·5	8·8	89	95	26	8	26	2	3	2	1·0	5·6	—	● showers after 17 h.
18	1010·5	1006·1	81·7	80·6	84	78	1·7	0·6	8·8	9·5	79	93	14	11	24	9	10	3	6·6	—	—	Dull. ● 11 h.–15 h. and ● after 19 h.
19	1007·4	1002·7	81·1	80·1	82	80	1·1	0·6	9·2	9·2	86	91	18	7	18	6	5	6	2·0	2·8	—	Fine. ● showers after 17 h.
20	989·5	984·7	81·9	76·7	82	76	1·2	0·6	9·5	7·5	85	92	14	9	20	4	9	0	1·5	—	—	Overcast.
21	990·5	999·6	76·7	77·3	81	n 75	0·7	0·9	7·1	7·1	91	87	—	1	4	2	9	5	—	4·8	—	⌓. Fine a.
22	1005·0	1001·0	80·1	81·7	82	77	0·5	1·1	9·5	9·5	93	86	4	3	10	10	9	10	3·6	—	—	Overcast.
23	1000·3	998·3	80·6	82·5	83	80	0·3	0·3	9·8	11·5	97	96	12	10	10	9	10●	10●	11·7	—	—	● a. Constant ● p.
24	995·6	1001·0	81·7	82·2	83	81	0·6	1·1	10·5	9·8	93	86	10	13	10	11	10●	9	1·3	—	—	● most of day.
25	1002·3	1005·0	81·4	81·2	82	80	0·8	0·6	9·8	9·8	89	92	10	7	8	9	5	10	10·4	—	—	● 14 h.–17 h.
26	1008·4	1008·4	81·1	81·0	81	80	0·5	1·4	9·8	8·8	93	83	10	12	10	12	10●	9	6·2	—	—	● from 5 h. ● showers 10 h.–17 h.
27	1001·3	982·7	80·2	82·0	83	80	0·2	0·3	9·8	10·9	97	96	10	14	18	4	10●	3	6·6	—	—	● most of day. ☇ 16 h.
28	988·8	990·5	81·5	81·8	82	80	0·9	0·3	9·5	10·9	87	96	22	7	14	2	3	9	—	4·3	—	Fair a. Very fine p.
29	986·1	990·8	81·7	80·6	82	80	0·3	0·2	10·9	10·2	97	98	10	3	—	1	10	10●	10·4	—	—	⌓². Dull. ●⁰ after 16 h.
30	993·9	997·9	80·1	78·1	81	78	0·6	1·1	9·2	7·5	91	85	6	12	2	12	10●	4	1·0	—	—	● n. and a. ● showers p.
31	1006·4	1016·9	77·3	75·6	79	n 75	1·2	2·2	6·8	5·1	83	68	30	10	30	12	8●	8●	0·5	2·5	—	●▲ showers all p.
Mean	1007·5	1008·0	81·4	80·9	82·9	79·2	0·9	0·8	9·8	9·7	89	90	8·0		7·5		7·4	5·8	96·2	1·94	—	
Mean Barometer at Station Level.	1001·5	1002·0																				

Aberdeen, a.e.—October 1912.

Heights above Mean Sea Level:—Station, H = 14·0 m.; Barometer, H_b = 26·8 m. Heights above Ground:—Therms., h_t = 12·5 m. Rain-gauge, h_r = 0·6 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

Day	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 10 h.	Cloud 22 h.	Rain 10 h.	Sunshine	Min. Grass	Remarks
1	998·9	1003·7	82·4	79·0	84	79	1·3	1·7	9·8	7·1	83	78	2	8	32	5	10●	3	3·1	0·9	—	●² a., then ●⁰ showers to fair.
2	1010·5	1017·2	77·4	75·6	80	75	1·5	0·8	6·5	6·5	77	87	32	5	28	5	8	5	3·8	5·9	—	Occasional ●⁰▲⁰ showers.
3	1025·0	1030·1	77·2	76·3	80	74	1·0	1·0	7·1	6·5	86	85	26	6	—	1	4	7	2·5	4·5	—	●⁰▲⁰ showers.
4	1032·8	1030·1	79·7	80·1	85	76	1·8	1·6	7·5	7·8	76	79	20	2	20	3	1	5	—	6·3	—	Fine; visibility.
5	1025·0	1017·9	79·3	82·8	84	77	1·5	2·4	7·8	8·8	80	72	18	3	16	4	6	10	—	0·7	—	≡⁰ a. Cloudy to dull.
6	1017·9	1013·2	83·5	83·9	87	81	2·3	2·4	9·2	9·5	74	73	24	2	18	7	1	4	—	8·1	—	Very fine.
7	1014·2	1021·3	85·2	84·0	x 90	82	1·4	1·6	11·5	10·5	82	80	18	3	20	2	9	1	—	0·8	—	∞⁰ a. and n. Cloudy to dull.
8	1023·0	1021·6	82·5	82·8	85	79	1·4	0·9	9·8	10·5	82	88	16	3	18	3	2	0≡⁰⌓	—	8·1	—	≡⁰⌓⁰ a. and n. Fine.
9	1025·0	1026·4	82·5	82·6	85	80	1·2	0·6	10·2	10·9	85	91	16	3	18	2	3 ?∞	1∞⌓	—	2·6	—	≡⁰⌓ a. ∞⁰ p. ⌓ n.
10	1025·0	1020·3	81·7	82·5	86	79	2·1	0·8	8·5	10·5	74	90	18	4	—	1	0∞	0∞	—	7·3	—	⌓ a. Fine. ∞ all day.
11	1018·6	1025·7	83·4	80·5	86	78	1·4	1·1	10·5	8·8	83	86	16	3	28	3	8∞	6	—	—	—	Dull. ●⁰ noon.
12	1026·7	1022·0	78·0	83·1	84	76	0·6	0·6	8·2	11·5	92	93	26	2	14	3	8	10	—	1·4	—	∞⁰ a. Cloudy to dull.
13	1017·6	1015·9	83·8	85·4	86	83	1·0	1·2	11·2	12·2	88	85	16	4	18	3	10∞	10	4·1	—	—	Dull. ∞⁰
14	1002·7	1021·3	86·1	79·3	88	79	0·9	2·0	13·6	7·1	89	74	18	5	22	4	10	0	1·3	3·6	—	● a. 3 waterspouts at sea. ☈ n.
15	1019·3	1011·8	81·5	83·2	84	78	2·2	1·7	8·2	9·8	73	80	20	4	16	4	10	10	4·3	—	—	Cloudy a. to dull.
16	1007·8	1003·7	83·5	80·9	84	80	0·8	2·0	11·5	7·8	91	76	18	3	22	4	10●	0	1·0	—	—	● a. Gloomy, with ●⁰ showers p.
17	1012·5	1021·6	81·5	78·1	84	77	2·5	1·8	7·8	6·5	69	75	22	4	24	3	1	0	—	5·7	—	Fair to fine. ●⁰ noon.
18	1015·9	1010·5	79·2	82·0	85	75	1·4	2·2	7·8	8·2	81	73	18	4	22	3	10	2	—	0·1	—	Dull to cloudy. ●⁰ 17 h.
19	1012·1	1006·7	81·3	81·0	85	79	2·6	1·8	7·5	8·2	69	78	22	4	20	3	1	10	0·3	5·4	—	Fine a. to cloudy p.
20	993·9	987·1	81·3	76·7	82	75	1·2	1·4	9·2	6·5	84	80	16	5	—	1	9	9	—	0·7	—	Dull, with ●⁰ showers.
21	990·8	998·3	73·0	76·0	80	n 71	0·6	1·0	5·4	6·5	86	84	26	2	26	3	1∞	7	—	5·1	—	⌴∞⁰ a. Clear all day.
22	1003·7	1002·0	77·5	80·8	82	75	0·7	1·3	7·5	8·8	90	83	26	4	14	5	4	9	1·8	0·8	—	●⁰ a. Cloudy to dull.
23	998·6	994·2	81·7	82·2	82	79	1·0	0·4	9·8	10·9	87	95	12	4	8	2	9	10	17·5	—	—	● a., p. and n. Dull all day.
24	990·1	998·9	82·1	81·3	84	80	1·5	1·2	9·5	9·2	82	85	8	11	12	5	9●	8	12·2	0·9	—	Squally a. ● showers.
25	999·6	1003·7	82·2	80·9	83	79	1·3	1·6	9·8	8·5	83	81	10	7	—	1	9	6	0·8	0·5	—	▲● showers.
26	1008·4	1005·7	76·2	82·4	82	76	0·3	1·3	7·1	9·8	95	84	24	2	12	8	8≡⁰	10	3·6	0·4	—	≡⁰ a. ●⁰ showers a., p. and n.
27	998·6	989·5	82·1	82·5	85	81	0·4	2·5	10·9	8·5	96	70	12	9	20	7	10●⁰≡⁰	1	0·5	—	—	Squally, with ● a. ≡ a.
28	992·2	991·2	80·1	82·8	84	78	1·4	0·6	8·2	11·2	80	92	18	3	16	2	0	10●	8·9	3·6	—	Bright a. ●⁰ showers n.
29	985·1	991·5	82·3	80·3	82	80	0·2	0·7	11·5	9·2	98	90	12	3	18	2	10●≡⁰	1	1·8	—	—	≡⁰●⁰ a. and p.
30	992·5	992·5	79·0	80·9	82	78	0·7	0·3	8·5	10·2	90	97	26	2	4	11	10≡⁰	10●	33·3	—	—	≡● a. ●≡⁰ p. ●² n.
31	1005·7	1017·9	78·0	74·6	80	74	1·8	0·7	6·5	6·1	76	88	32	5	28	5	6	4	2·5	3·9	—	● showers. ⌒. ✱⁰●⁰ (sleet) n.
Mean	1009·3	1010·1	80·8	80·8	83·9	77·8	1·3	1·3	9·0	8·8	83	83	4·2		3·7		6·4	5·5	103·3	2·49	—	
Mean Barometer at Station Level.	1004·8	1005·6																				

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.

* Metres per second.

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FORT WILLIAM, INVERNESS-SHIRE, a.—OCTOBER 1912.

Heights above Mean Sea Level:—Station, H = 52·1 m.; Barometer, H_b = 11·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h. †		21 h. †		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%					Tenths of Sky covered.		mm.	hr.	°	
1	999·6	1006·1	83·1	79·7	85	79	1·9	2·8	9·5	6·5	78	65	4	7	4	5	9	7	0·5	—	—	Squally a. ● showers p.
2	1013·2	1019·6	78·6	75·7	81	75	2·3	1·7	6·5	5·4	72	75	12	4	6	3	8	1	—	—	—	Fine. Snow on hills.
3	1027·4	1031·5	74·1	77·6	83	n 71	1·2	1·4	5·1	6·8	79	80	4	1	20	2	1⌴	9	0·3	—	—	Clear and sunny.
4	1033·2	1030·8	81·4	81·4	86	77	1·2	1·2	9·2	9·2	84	84	20	3	24	3	8●⁰	10	1·3	—	—	Frequent ● showers.
5	1022·7	1014·9	82·4	82·8	84	81	2·3	0·8	8·5	10·9	72	89	20	4	22	6	10●⁰	10●	7·6	—	—	Dull. ●≡⁰ p. Squally.
6	1017·6	1012·5	83·6	83·0	86	81	1·3	0·5	10·9	11·5	85	94	20	4	20	6	8●⁰	10●²	29·0	—	—	Dull. ●≡⁰ p. Squally.
7	1015·9	1021·0	85·3	84·1	86	83	0·6	0·4	13·2	12·6	92	95	20	4	20	1	10≡	10≡	0·5	—	—	●⁰≡⁰ at times.
8	1019·3	1018·9	84·9	83·4	x 90	80	3·0	3·3	9·2	8·2	67	63	16	3	24	3	3	3	—	—	—	Fine and sunny.
9	1022·3	1024·3	82·4	80·1	87	79	2·1	1·5	8·8	8·2	74	80	Calm	0	Calm	0	7∞	0∞	—	—	—	Fine and sunny. ∞² at times.
10	1023·3	1018·9	79·8	81·7	87	76	1·2	1·7	8·2	8·8	83	79	Calm	0	18	3	0∞	0∞	1·3	—	—	Fine and sunny. ∞² at times.
11	1018·3	1025·7	83·5	77·6	85	77	0·4	0·7	11·9	7·5	95	89	20	4	12	1	10≡⁰	1	0·3	—	—	●⁰ early. Fine after 11 h.
12	1023·7	1016·9	78·1	86·3	86	75	0·7	3·2	7·8	10·2	91	66	4	1	20	3	7≡	10	6·6	—	—	≡ early. Fine.
13	1013·8	1013·2	84·6	85·1	86	83	0·5	0·4	12·9	13·2	94	95	20	1	Calm	0	10≡	10	29·5	—	—	●⁰≡⁰.
14	1008·8	1021·6	81·7	80·1	86	79	1·6	1·0	8·8	8·8	81	86	24	5	22	3	10●⁰	4Ш	8·9	—	—	Squally, with ●. Snow on hills.
15	1017·6	1010·5	81·3	83·5	84	79	1·1	0·6	9·5	11·9	86	93	20	6	20	7	10●	10●²	43·4	—	—	●² all day.
16	1005·4	1006·4	83·0	80·3	85	80	0·6	1·0	11·2	8·8	92	86	20	5	20	2	10●	3●⁰	14·2	—	—	Unsettled. ●² at times.
17	1014·9	1022·3	81·2	77·3	84	77	1·0	1·4	9·5	6·8	87	80	20	3	12	2	7●⁰	0	0·8	—	—	●⁰ a. Fair to fine.
18	1014·5	1012·8	82·4	82·4	85	76	0·5	2·2	10·9	8·8	93	74	20	4	20	3	10≡	7●⁰	13·2	—	—	Dull. ≡⁰. ●
19	1012·8	1006·4	80·8	80·3	83	80	0·9	0·5	9·2	9·5	89	92	20	3	20	3	6●⁰	10●	22·1	—	—	● showers.
20	991·2	987·4	78·5	76·3	81	76	0·6	1·1	8·5	6·5	93	84	20	3	Calm	0	10●≡⁰	3●⁰	4·1	—	—	▲ at times. Snow on hills.
21	986·8	998·6	77·2	73·9	80	74	1·4	1·0	6·5	5·4	80	83	4	2	4	1	10●⁰≡	3	0·3	—	—	Fair to fine. Snow on hills.
22	1005·0	1000·3	74·6	74·9	78	n 71	1·6	0·6	5·1	6·5	73	90	8	1	Calm	0	1	0	—	—	—	Clear and sunny.
23	995·2	994·5	80·8	76·3	82	74	2·9	1·1	6·8	6·5	66	83	16	2	Calm	0	7	0	6·1	—	—	Cloudy.
24	989·8	996·2	76·2	80·0	81	73	0·4	1·5	7·1	8·2	93	80	Calm	0	Calm	0	10≡⁰	9●	1·3	—	—	Cloudy. ●≡⁰ at times.
25	999·3	1001·7	79·1	79·0	82	76	1·1	0·8	7·8	8·2	84	88	4	1	Calm	0	9∞	10∞	—	—	—	Sunny at times.
26	1005·4	995·9	77·9	82·8	83	76	1·4	3·5	7·1	7·5	81	61	8	1	18	9	7	10●⁰	2·3	—	—	Fair.
27	994·5	993·2	82·0	81·2	86	81	1·2	1·0	9·5	9·5	85	88	18	1	20	3	10≡⁰	6●⁰	12·7	—	—	Dull a. T● p.
28	991·2	988·8	79·1	81·4	84	78	0·5	0·4	8·8	10·5	93	95	Calm	0	Calm	0	8≡⁰	10●	3·6	—	—	Fair to fine. ● p.
29	983·7	991·5	80·8	81·9	82	79	1·0	1·3	9·2	9·5	87	84	Calm	0	20	5	10●⁰	7	6·6	—	—	●⁰≡⁰. Squally n.
30	989·5	994·2	80·3	80·2	82	79	0·6	1·1	9·2	8·5	91	86	4	3	4	5	10●≡⁰	10●≡⁰	9·4	—	—	●≡⁰. Overcast most of day.
31	1009·4	1020·6	78·0	75·2	80	74	2·1	1·4	6·1	5·4	71	76	4	3	Calm	0	7	6	—	—	—	Clear and fine.
Mean	1008·6	1009·6	80·6	80·2	83·9	77·4	1·3	1·3	8·8	8·5	84	83	2·5		2·5		7·8	6·1	225·9	—	—	
Mean Barometer at Station Level.	1007·2	1008·2																				

DUNDEE, FORFARSHIRE, c.d.—OCTOBER 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 50 m. Heights above Ground:—Therms., h_t = 1·16 m.; Rain-gauge, h_r = 0·3 m. Lat. 56° 28′ N. Long. 2° 56′ W. *Time*, Greenwich mean time.

Day.	Barometer 9 h.	21 h.	Air Temp. 9 h.	21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vapour Pressure 9 h.	21 h.	Percentage 9 h.	21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks.
1	997·9	1004·4	81·7	78·3	84	78	0·8	1·1	10·2	7·5	90	85	4	8	4	1	10●	3	0·3	—	—	● till 9 h. ⁄ till noon.
2	1010·5	1015·2	78·7	76·3	81	75	1·7	1·4	7·1	6·1	78	77	32	5	28	1	5	3	0·3	—	—	Fine till noon. ▲, then fine.
3	1025·4	1030·4	78·0	76·6	84	74	1·4	1·1	7·1	6·5	81	84	28	1	28	1	0	5	—	—	—	Fine.
4	1033·5	1032·5	78·5	79·7	85	74	1·2	0·8	7·5	8·8	85	88	24	1	24	1	0	0	—	—	—	Fine till 13 h. Cloudy till 17 h.
5	1025·7	1018·6	80·7	83·0	85	78	1·6	1·1	8·5	10·5	80	86	20	3	20	5	10	10	—	—	—	Dull and cloudy.
6	1019·6	1015·5	83·6	83·3	87	80	1·4	1·4	10·5	10·2	83	83	20	3	20	3	5	5	—	—	—	Fine.
7	1016·2	1022·3	85·1	83·8	x 88	83	0·8	0·6	12·6	11·9	89	93	20	5	20	1	10	10	—	—	—	Dull till 10 h. and from 16 h.
8	1023·3	1022·3	81·6	80·2	87	77	0·5	0·3	10·2	9·8	93	95	16	1	12	1	0	0	—	—	—	Fine.
9	1025·4	1027·1	78·6	79·4	85	77	0·4	0·7	8·5	8·5	94	90	16	1	4	1	10≡	0	0·3	—	—	≡ till 10 h., then fine.
10	1027·1	1021·0	76·3	79·1	85	74	0·2	0·2	7·5	9·2	96	96	20	1	32	1	10≡	10≡⁰	—	—	—	≡ till 11 h. Fine till 15 h. ≡⁰
11	1019·6	1025·4	83·5	82·2	86	77	1·0	0·6	11·2	10·9	88	93	20	3	12	1	10	10	—	—	—	Dull and cloudy.
12	1026·4	1020·6	82·4	82·4	84	80	0·5	0·2	10·9	11·5	93	97	4	1	12	1	10	10	—	—	—	Dull and cloudy.
13	1018·3	1016·6	82·4	85·2	86	80	0·2	0·6	11·5	12·9	97	92	12	1	20	1	10	10	5·3	—	—	Dull and cloudy. ≡⁰
14	1003·7	1022·3	86·9	79·5	87	79	0·8	1·2	14·2	8·2	90	83	20	5	20	1	10	0	—	—	—	Dull till 11 h., then fine. ● n.
15	1021·3	1013·8	81·0	83·0	84	79	1·0	0·8	9·2	10·9	87	90	28	3	20	5	10	10	2·3	—	—	Dull and cloudy.
16	1009·1	1006·7	82·8	81·1	85	80	0·6	1·4	11·2	8·8	93	82	20	3	20	5	10	10	0·8	—	—	● 6 h.–8 h. 30 m. Dull.
17	1014·2	1022·3	80·2	77·9	85	77	0·7	1·3	9·2	7·1	89	82	20	1	20	1	3	3	—	—	—	Fine.
18	1017·6	1012·5	80·7	81·1	85	75	0·6	0·9	9·8	9·5	93	89	20	1	20	1	10	0	1·3	—	—	Dull till 19 h. ● 15 h.–17 h.
19	1014·2	1007·8	80·9	80·2	85	77	1·1	0·5	9·2	9·5	86	92	20	1	20	1	3	10	0·3	—	—	Fine till 14 h., then dull.
20	993·5	988·1	81·1	76·8	82	76	0·6	0·6	9·8	7·5	93	92	20	5	20	1	10	10	2·3	—	—	●⁰ 10 h.–13 h. 30 m. Dull.
21	990·1	997·9	74·2	76·9	79	n 72	0·3	0·8	6·1	7·1	93	88	32	1	32	3	5	10	1·3	—	—	Fine till 16 h. ● 18 h.–19 h.
22	1004·0	1001·7	78·3	78·7	83	75	0·9	0·2	7·8	8·8	88	97	32	1	32	1	3	10	1·5	—	—	Fine till 15 h. ● 16 h.–17 h.
23	998·3	995·6	78·9	80·2	84	76	0·3	0·2	8·8	9·8	96	96	4	1	32	1	5	10	13·0	—	—	Fine till 16 h., then dull.
24	989·1	997·2	80·5	78·1	81	77	0·4	0·4	9·8	8·2	95	95	8	5	12	1	10	10	8·6	—	—	● till 8 h. 30 m. ●⁰ 11 h.–15 h.
25	998·3	1003·3	79·2	77·9	83	77	0·2	0·5	9·2	8·2	96	93	28	3	12	1	10	10	0·5	—	—	● n. ●⁰ showers 8 h.–noon.
26	1007·8	1005·4	74·8	80·8	81	74	0·0	0·1	7·1	10·5	100	99	20	1	12	3	10≡	10	9·4	—	—	≡ till 10 h. ▲ noon.
27	1002·7	1000·0	82·5	80·9	84	80	0·1	1·2	11·9	8·8	99	85	12	1	20	8	10	10	0·5	—	—	● n. ⁄ noon till n.
28	999·3	990·8	79·6	80·9	83	77	0·2	0·4	9·5	10·2	98	96	20	1	12	1	10	10	10·4	—	—	Dull and cloudy.
29	984·1	992·2	80·8	81·2	82	79	0·3	0·6	10·2	10·2	97	93	4	3	20	3	10●	10	1·8	—	—	● n. till noon. Dull.
30	990·8	991·5	80·7	79·8	82	77	0·3	0·3	10·2	9·5	94	97	8	1	32	3	10●	10●	25·4	—	—	● 8 h.–10 h. and from noon.
31	1006·1	1018·9	77·4	74·2	81	74	0·9	0·6	7·1	5·8	86	87	32	1	28	1	5	5	—	—	—	● n. Fine.
Mean	1010·1	1011·0	80·4	80·0	84·0	77·0	0·7	0·7	9·4	9·1	91	90	2·3		1·9		7·5	7·2	85·6	—	—	
Mean Barometer at Station Level.	1003·9	1004·8																				

† Beaufort Scale (0—12).

GLASGOW, LANARKSHIRE, a.—OCTOBER 1912.

Heights above Mean Sea Level:—Station, H = 54·9 m.; Barometer, H_b = 56·1 m. Heights above Ground:—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 55° 53′ N. Long. 4° 18′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h. *		21 h. *		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%					Tenths of Sky covered.		mm.	hr.	200+ °	
1	997·2	1004·0	83·2	79·4	85	79	2·3	2·3	9·2	6·8	73	70	4	5	2	3	10	3	—	1·1	81	Dull a. Bright at times.
2	1011·5	1019·3	79·7	77·5	82	77	3·3	2·4	6·1	5·8	60	67	2	5	2	2	3	2	—	6·4	70	Cloudy a., then fine.
3	1027·1	1032·1	77·4	76·4	82	74	1·7	1·3	6·5	6·5	75	80	—	1	—	1	3∞⌴	4	—	7·6	n 66	Fine and clear.
4	1034·8	1032·5	78·1	81·1	83	75	1·2	2·2	7·1	7·8	83	74	—	1	24	4	6∞⌴	10	—	0·6	68	Bright a., then overcast.
5	1025·7	1018·3	82·4	82·5	84	80	2·5	0·5	8·2	10·9	70	93	20	4	20	7	10	10●	0·8	0·6	76	Dull and overcast. ● n.
6	1019·9	1015·9	83·7	84·6	86	82	1·5	2·2	10·5	10·2	82	75	22	5	20	8	6	10	0·1	6·2	80	Fine. ●⁰ 21 h. 30 m.
7	1018·6	1022·3	85·8	84·6	86	84	1·5	1·0	12·2	11·9	83	87	22	7	18	2	10	9	—	—	82	Dull and overcast.
8	1022·0	1021·3	83·7	83·9	x 88	82	1·7	2·2	10·2	9·8	80	75	14	2	14	2	4	7	—	6·5	77	∞⁰ a. Fine.
9	1024·3	1025·7	80·9	80·3	87	80	1·6	1·1	8·5	8·5	81	85	14	2	—	1	6∞	7∞	—	3·0	76	Bright a. Cloudy p.
10	1025·0	1021·0	78·6	82·4	87	77	0·7	1·7	8·2	9·5	91	80	—	1	—	1	6∞⌴	5	0·2	1·8	72	Bright a. Cloudy p.
11	1019·6	1025·0	84·0	80·7	86	81	0·6	1·1	12·2	9·2	93	86	22	4	—	1	10	10	0·5	1·0	74	●⁰ 9 h. 30 m.–10 h. Cloudy.
12	1024·3	1019·6	82·4	84·6	86	79	0·5	1·7	10·9	10·9	94	80	26	2	12	2	10	10	0·2	—	74	●⁰ a. Dull and overcast.
13	1016·2	1014·2	84·8	86·1	x 88	84	1·2	1·0	11·9	13·2	85	87	16	3	14	4	10	10	10·4	0·2	81	●⁰ a. Dull. ● 22 h.–midt.
14	1008·1	1023·7	82·9	80·3	87	80	1·5	1·1	9·8	8·5	82	85	26	9	24	2	10	3	1·4	3·8	82	Dull a. ● showers p.
15	1021·0	1013·5	82·0	82·9	84	80	1·2	0·5	9·5	11·2	85	93	18	5	20	7	10	10●	12·7	—	75	Dull. ●⁰ 12 h. 30 m. to midt.
16	1007·8	1007·4	83·3	80·7	85	81	0·4	1·0	11·9	9·2	95	87	20	5	24	4	10●	6	3·1	—	81	● till 17 h. 30 m.
17	1015·5	1023·3	82·3	79·5	85	80	1·5	1·1	9·5	8·2	80	84	24	3	—	1	4	5	0·5	5·1	75	Bright a. ● showers.
18	1017·2	1014·2	82·5	82·1	85	78	0·5	1·4	11·2	9·5	93	83	20	3	24	5	10●⁰	4	3·8	—	71	●⁰ a. Dull till 14 h.
19	1014·5	1008·1	82·1	81·3	84	80	1·3	0·7	9·5	9·8	83	92	22	4	22	3	5	10	9·8	1·9	75	Bright a. Dull. ● 22 h.
20	993·2	988·4	81·3	75·7	82	76	0·5	0·4	10·2	6·8	93	93	20	7	—	1	10●⁰	7	3·1	0·2	79	Dull and squally. ▲
21	988·1	997·6	76·9	76·2	79	75	1·0	1·0	6·8	6·5	85	84	16	3	—	1	8∞	6	0·1	—	70	Dull.
22	1004·0	1000·3	75·2	77·5	81	n 7	0·5	0·8	6·5	7·5	92	89	—	1	8	2	6⌴	3∞	—	2·8	67	Misty a. Bright, then dull.
23	996·2	993·9	77·5	78·1	82	75	0·6	0·6	7·8	8·2	91	92	8	3	—	0	7	10∞	1·8	0·2	71	Dull and cloudy.
24	988·8	996·6	77·7	78·5	81	76	0·3	0·6	8·2	8·5	96	93	—	1	—	1	10●⁰	7	1·3	—	72	Gloomy a. ● afternoon.
25	998·3	1002·7	78·8	78·3	80	77	0·3	0·5	8·8	8·5	96	94	—	0	—	0	10●≡⁰	10∞	7·4	—	73	● till 10 h., and 13 h.–20 h.
26	1005·7	997·9	76·4	79·8	81	75	0·1	0·9	7·8	8·5	99	87	8	3	8	7	8∞⌴	10●	4·7	—	73	Dull a. Overcast, with ●⁰ p.
27	994·9	996·2	82·0	81·3	87	79	0·2	0·9	11·2	9·5	98	89	6	3	20	4	10	8	1·5	0·4	78	Dull and overcast.
28	991·8	989·8	81·4	82·8	85	79	0·5	1·0	10·2	10·5	93	88	—	1	16	3	8	6	11·9	—	73	Dull a. ● showers. Ш 22 h.
29	983·4	993·2	82·4	80·7	84	81	1·0	0·9	10·2	9·2	88	88	14	3	18	3	9	6Ш	12·9	0·1	78	● 3 h.–7 h. Cloudy.
30	988·4	991·5	80·8	80·3	82	80	0·2	0·8	10·2	9·2	98	89	6	3	2	2	10●	10	4·5	—	74	● 3 h.–13 h. and 20 h.–midt.
31	1007·8	1020·3	78·9	77·0	81	77	2·5	2·2	6·5	5·4	69	70	2	3	32	2	3	9	—	3·7	75	● showers 5 h. Fine a. Cloudy p.
Mean	1009·4	1010·6	81·0	80·6	84·1	78·5	1·1	1·2	9·3	8·9	86	84	3·3		2·8		7·8	7·3	92·7	1·72	74·8	
Mean Barometer at Station Level.	1002·6	1003·8																				

COCKLE PARK (NEAR MORPETH), NORTHUMBERLAND.—OCTOBER 1912.

Heights above Mean Sea Level:—Station, H = 98·7 m.; Barometer, H_b = 100·8 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 55° 13′ N. Long. 1° 41′ W. *Time*, Local mean time.

Day.	Barometer 9 h.	21 h.	Air Temp. 9 h.	21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vapour Pressure 9 h.	21 h.	Percentage 9 h.	21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks.
1	991·8	1001·0	82·0	79·5	84	79	0·0	0·8	11·5	8·5	100	89	4	4	4	3	10	6	9·7	0·2	81	● n. Cloudy. ● showers.
2	1007·8	1016·9	79·4	75·5	82	75	1·8	0·6	7·5	6·8	76	91	28	2	4	3	6	3	8·1	5·8	74	Fine. △ 11 h. 45 m.–12 h. ●
3	1023·3	1031·5	76·4	75·1	81	74	0·5	0·9	7·1	6·1	92	85	32	3	24	1	7	2	1·3	5·7	72	● showers during day. [showers.
4	1035·2	1034·5	79·1	78·7	84	n 72	1·9	1·6	7·1	7·1	76	79	24	2	28	2	4	3	—	6·5	71	Frosty n. Fine.
5	1029·4	1022·3	81·1	82·2	85	73	1·6	1·8	8·5	9·2	80	78	20	3	24	4	6	8	—	5·9	71	Frosty n. Fine.
6	1022·3	1019·3	84·0	82·3	85	80	1·6	1·9	10·5	9·2	80	77	20	4	24	4	2	8	—	8·2	77	Fine.
7	1019·9	1024·0	84·6	82·4	87	82	1·2	0·8	11·5	10·5	86	91	24	4	24	4	6	2	—	5·9	78	Fine.
8	1024·7	1024·7	80·7	79·9	87	77	0·8	0·7	9·2	8·8	89	91	24	2	24	1	2	2	—	7·5	74	Fine.
9	1027·4	1028·4	80·9	79 6	85	77	0·5	0·1	9·8	9·5	94	99	12	2	20	1	9	3	0·3	4·7	75	Fine. ≡⁰
10	1027·7	1023·7	79·1	79·2	86	75	0·0	0·3	9·5	9·2	100	96	20	1	20	1	10≡⁰	2	—	6·0	72	≡⁰ n. Fine.
11	1022·3	1025·4	79·9	83·4	87	76	0·4	0·3	9·5	12·2	96	96	20	1	Calm	0	3	10	1·8	2·2	74	Dull. ● showers n.
12	1025·7	1023·0	83·2	80·9	84	80	0·0	0·0	12·6	10·5	100	100	12	1	16	1	10≡⁰	10≡⁰	0·5	—	82	●⁰≡⁰ n. Misty all day.
13	1019·9	1017·6	80·3	84·3	87	78	0·2	0·1	9·8	13·2	97	98	20	2	20	2	5	10	2·5	—	77	≡⁰ n. Overcast. ●⁰ n.
14	1009·1	1025·0	87·5	78·9	x 88	78	1·1	1·1	14·6	7·8	87	85	24	3	24	4	8	1	1·0	2·8	80	● n. ● showers.
15	1024·7	1018·3	80·0	82·4	84	77	0·9	0·0	8·8	11·9	88	100	16	1	24	4	9	8	—	—	75	Overcast.
16	1012·8	1007·1	83·9	82·9	85	82	1·0	0·8	11·5	10·9	89	89	20	3	24	4	8	10	0·8	—	79	Dull day.
17	1014·9	1023·7	81·4	78·4	85	77	1·4	1·2	9·2	7·5	82	85	24	3	24	2	1	2	—	5·9	76	● n. Fine.
18	1022·0	1014·2	80·6	83·1	87	75	0·8	1·1	9·2	10·5	89	86	24	1	24	3	8	8	0·8	0·7	72	Cloudy. ● showers evening.
19	1016·6	1008·4	80·2	81·0	84	77	0·9	0·9	8·8	9·5	88	90	24	3	24	3	3	7	—	5·2	73	Fine.
20	998·9	990·1	82·2	76·6	84	76	1·3	0·6	9·8	7·1	83	90	24	2	24	3	6	2	2·5	0·5	73	● showers. Fine n.
21	991·2	995·9	76·4	76·1	81	n 72	0·7	0·7	6·8	6·8	89	91	24	1	24	1	2	3	2·3	3·6	n 69	Frosty n. Fine. ꓘ 16 h.
22	1001·7	1002·3	78·2	77·2	83	75	0·3	0·2	8·5	7·8	97	97	24	2	24	1	6	2	0·3	2·6	72	● showers.
23	997·2	993·5	77·3	77·8	83	75	0·3	1·0	7·8	7·5	96	86	24	2	24	1	7	7	19·0	0·4	71	Cloudy.
24	988·8	996·9	77·2	77·6	81	76	0·2	0·3	8·2	8·2	97	96	24	3	24	1	10	10	13·7	—	72	Overcast. ▲ 19 h.–20 h. ● n.
25	998·3	1004·0	79·1	76·5	82	76	0·6	0·1	8·5	7·8	91	98	20	2	32	1	4	2	0·3	6·4	74	≡⁰ n. Fine.
26	1007·4	1000·3	77·1	80·3	81	75	0·0	0·2	8·2	9·8	100	97	20	1	12	3	10≡	10	24·1	—	72	≡ most of day. ● p.
27	997·2	998·3	85·3	81·0	87	80	0·2	1·8	13·9	8·2	98	78	16	2	20	2	10	8	3·8	—	75	● n. and during day.
28	993·9	993·2	79·9	81·8	84	80	0·1	1·1	9·8	9·8	98	86	24	2	20	1	3	10	5·6	1·8	78	● n. Cloudy. ● p.
29	984·7	996·2	82·1	81·4	84	79	1·4	1·2	9·5	9·2	83	84	24	4	20	3	7	7	1·0	2·3	77	Fine.
30	991·5	990·8	81·1	79·8	85	79	0·2	0·6	10·5	9·2	97	93	12	1	24	1	10	8	11·4	3·2	76	● showers a. Fine. T 16 h.
31	1001·3	1017·9	78·4	75·1	81	75	1·0	1·3	7·8	5·8	87	79	4	5	28	4	8	3	0·8	1·6	77	● n. Cloudy.
Mean	1010·6	1011·9	80·6	79·7	84·3	76·9	0·7	0·8	9·5	8·9	90	90	2·3		2·2		6·5	5·7	111·6	3·08	74·8	
Mean Barometer at Station Level.	998·4	999·5																				

* Metres per second. † Beaufort Scale (0—12).

DOUGLAS, ISLE OF MAN, a.—OCTOBER 1912.

Heights above Mean Sea Level:—Station, H = 84·5 m.; Barometer, H_b = 86·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·25 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity (Latitude 45°) 9 h.	21 h.	Air Temperature in Degrees Absolute 9 h.	21 h.	Max.	Min.	Humidity: Dep. of Wet 9 h.	21 h.	Vapour Pressure 9 h.	21 h.	Percentage 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second) 9 h.	21 h.	Cloud Amount and Weather 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+	200+	200+	200+	°	°	millibar.		%	%	†	†	Tenths of Sky covered.		mm.	hr.	200+	
1	993·5	1000·6	85·2	81·3	86	81	2·2	1·7	10·5	8·5	75	80	2 2	4 6	9	1	—	5·1	77	⌓. Fine till 11 h. Squally.
2	1009·8	1017·6	80·2	78·3	86	78	2·8	2·3	6·8	6·1	66	70	4 5	4 2	3	1	—	7·9	77	Squally.
3	1026·4	1033·5	79·8	75·2	82	n75	2·9	1·2	6·5	5·8	64	80	4 3	30 1	2	0⊔	—	9·3	72	⊔ a. Very fine.
4	1036·5	1034·8	80·7	79·2	84	n75	2·4	1·6	7·5	7·5	71	79	26 1	26 1	9	2⊔	—	7·6	n71	⊔ a. Very fine.
5	1029·8	1023·3	83·8	84·1	85	79	3·4	1·8	8·2	10·5	63	79	20 3	20 6	4	10	1·9	1·9	74	Dull and squally after 11 h.
6	1024·0	1022·3	84·7	83·5	x87	81	1·7	1·1	10·9	11·2	80	87	22 2	22 2	3	0⌓	—	8·7	79	● early a. Very fine. ⌓^{2}
7	1023·0	1024·0	84·3	83·6	x87	83	0·8	1·2	11·9	10·9	90	86	20 2	20 1	10	0⌓	—	3·3	80	Cloudy and mild. ⌓^{2}
8	1022·7	1021·6	84·7	84·3	86	82	1·6	1·2	11·2	11·5	81	85	12 3	14 2	0⌓	0⌓	—	8·8	78	⌓^{2}. Very fine.
9	1024·7	1026·0	83·1	83·6	86	82	0·8	1·2	11·2	10·9	91	86	10 2	8 1	8≡^{0}	0⌓	—	5·0	80	≡^{0} a. Very fine.
10	1026·4	1023·0	81·6	84·1	86	81	0·3	0·6	10·9	12·2	96	92	10 2	18 2	10≡^{0}	0⌓	—	3·6	79	≡^{0} a. Afternoon fine. ⌓
11	1022·3	1025·4	85·2	83·3	86	83	0·7	0·9	12·9	11·2	91	89	22 2	30 1	10≡^{0}	10	—	—	79	≡^{0} a. Drizzling ● after 11 h.
12	1024·7	1023·3	84·5	85·4	x87	83	0·4	1·0	12·9	12·6	95	88	14 1	16 1	10	6	0·9	2·8	81	≡^{0}. Overcast. Fine afternoon.
13	1019·9	1016·6	85·2	84·7	86	84	0·1	0·0	13·9	13·6	99	100	18 3	16 4	10●≡	10≡	16·0	—	82	≡^{0}. Overcast. ≡●
14	1014·2	1027·4	83·0	79·0	86	79	0·8	0·9	10·9	8·2	90	88	28 7	26 1	10●	0⌓	0·3	4·0	82	↯≡. Overcast. Afternoon fine.
15	1025·0	1019·6	83·6	83·6	85	79	2·2	0·6	9·5	11·9	75	93	22 3	18 6	9	10●	9·4	1·1	75	⌓ a. Squally, with ●.
16	1013·2	1009·8	84·2	82·5	85	82	0·5	1·0	12·2	10·2	93	87	20 6	26 2	10●	8	8·9	—	82	Squally, with ●.
17	1019·6	1025·4	82·6	81·0	85	80	1·0	0·6	10·5	9·8	88	93	24 4	Calm 0	2	0	—	6·6	77	Fine a. Dull afternoon.
18	1022·7	1018·6	84·0	83·0	86	79	0·9	1·0	11·5	10·5	88	87	20 2	26 3	10●	1	2·3	0·1	75	Dull a. Squally, with ● till 20 h.
19	1019·3	1013·5	82·7	82·4	85	80	1·2	1·1	10·2	10·2	85	86	24 4	24 5	9	7●	1·0	2·8	78	Dull a. Fine afternoon.
20	1000·0	991·2	82·4	78·7	83	77	0·7	1·5	10·5	7·5	90	81	16 1	2 2	10●	3	6·1	—	80	●^{2} showers a. Gloomy till 18 h.
21	991·5	995·9	78·9	78·6	81	76	1·1	0·9	7·8	8·2	86	89	2 2	12 4	4	1	11·7	0·7	73	⌓. ● showers till 19 h. ≡^{0}
22	1002·0	999·6	79·1	81·5	82	77	1·3	1·8	7·8	8·5	82	77	2 2	12 4	1	1	3·3	7·6	75	Fine.
23	995·9	994·9	80·1	76·3	82	76	0·4	0·2	9·5	7·5	94	96	20 1	30 1	10●	0	0·3	0·6	74	Dull. ⊔ p.
24	991·2	995·9	79·7	77·9	83	76	0·6	0·6	8·8	7·8	91	91	24 1	2 1	8	2⊔	3·8	3·2	72	⌓. ● showers a., then fine.
25	998·6	1002·3	78·2	77·8	83	76	0·6	0·4	8·2	8·2	92	95	4 1	32 1	6	4	1·6	2·6	72	Fine a., then ● showers.
26	1004·0	994·2	80·7	85·2	85	77	0·7	0·0	9·5	14·2	91	100	10 5	22 1	10	10●	25·1	—	73	Dull. ●^{2} 13 h. 30 m.–21 h.
27	995·6	998·3	83·6	85·2	86	81	1·2	0·0	10·9	14·2	86	99	18 2	18 1	10≡	10	0·6	1·0	79	≡ till 11 h. 30 m. Cloudy.
28	993·5	991·2	83·8	84·1	85	82	1·1	0·9	11·2	11·5	88	89	20 1	16 1	9	9●	21·4	0·2	79	≡^{0}. ●^{2} showers noon–15 h. [K
29	988·1	994·9	82·9	84·0	85	82	1·4	1·1	10·2	11·2	83	87	22 4	16 2	4	7	2·6	5·2	80	Cloudy till 9 h. and after 16 h.
30	987·8	989·5	83·4	81·9	84	82	1·2	0·6	10·9	10·5	86	93	14 2	8 1	3	10	1·2	1·9	79	Dull, with ● showers.
31	1006·1	1019·6	78·8	77·4	82	77	1·4	1·3	7·5	6·8	83	80	32 4	30 2	10●	0	0·3	3·3	77	✱● (sleet) a. Fine afternoon.
Mean	1011·3	1012·1	82·4	81·6	84·8	79·5	1·2	1·0	10·1	10·0	85	87	2·7	2·2	7·2	4·0	118·7	3·38	77·1	
Mean Barometer at Station Level.	1000·8	1001·5																		

STONYHURST, LANCASHIRE, a.—OCTOBER 1912.

Heights above Mean Sea Level:—Station, H = 114·3 m.; Barometer, H_b = 110·6 m. Heights above Ground:—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 53° 51′ N. Long. 2° 28′ W. *Time*, Local mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Pr. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. *	Wind 21 h. *	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	991·5	998·9	84·7	80·8	86	77	1·1	2·2	11·9	7·8	86	73	24 3	4 3	7	0	—	1·1	74	Cloudy.
2	1007·8	1016·2	80·5	76·9	85	76	2·5	2·4	7·1	5·4	69	68	4 4	— 1	3	0	0·3	5·6	74	Fine. ●^{0} shower 15 h.
3	1025·0	1033·2	78·3	75·8	82	74	2·5	1·4	6·1	5·8	68	79	32 3	— 1	3	0≡^{0}	—	2·3	70	Frosty. Sunny through mist.
4	1037·6	1036·2	76·1	78·4	82	n72	1·4	1·5	6·1	7·1	79	80	— 0	— 1	10	8	—	7·0	n69	Fine.
5	1032·1	1026·0	80·5	82·4	85	76	2·3	2·7	7·5	8·2	71	67	20 3	20 3	0≡^{0}	10≡^{0}	0·3	7·6	72	Fine.
6	1025·4	1024·0	80·2	80·8	86	80	1·1	1·1	8·5	9·2	85	86	18 2	22 2	10≡^{0}	0	—	3·0	78	Thick mist till 11 h.
7	1024·0	1025·0	82·4	80·5	86	79	0·8	1·4	10·5	8·5	90	82	24 2	— 1	8≡^{0}	0	—	0·2	76	Misty. Cir. from N.W.
8	1024·7	1023·7	80·5	82·7	87	75	1·1	2·5	8·8	8·5	86	70	— 1	14 2	5≡^{0}	0	—	4·9	72	Bright and sunny.
9	1025·7	1027·4	81·3	82·4	86	78	1·9	1·0	8·2	10·2	76	87	— 1	2 2	3≡^{0}	0	—	4·8	74	Sunny through mist.
10	1027·4	1024·3	80·8	81·9	87	79	1·1	1·1	9·2	9·8	86	86	2 2	— 1	0≡^{0}	0≡^{0}	—	5·9	76	Fine.
11	1024·0	1025·7	81·3	82·2	87	78	0·5	0·9	10·2	10·2	93	89	— 0	— 0	0≡^{0}	0	—	1·6	75	Sunny through mist.
12	1025·7	1023·0	80·6	83·8	88	79	0·9	1·7	9·2	10·2	88	80	— 1	— 1	0	0	—	3·1	77	Fine.
13	1021·6	1020·3	82·4	85·2	87	80	1·6	0·9	9·5	12·6	79	88	16 2	16 2	0	10●	7·7	0·4	76	Cloudy. ● from 19 h. 30 m.
14	1014·2	1027·1	87·3	79·6	87	79	1·4	1·3	13·6	8·2	84	82	20 7	— 0	10●	0	—	1·0	77	●^{0} a. Cloudy.
15	1026·7	1021·6	81·9	82·6	85	78	1·7	1·8	8·8	9·2	79	77	20 3	20 3	8≡^{0}	10●	0·3	1·0	74	Fair a. ● showers p.
16	1015·2	1008·4	83·0	83·3	85	80	1·7	0·9	9·8	11·2	80	89	20 4	22 4	9≡^{0}	10●	7·4	0·3	79	Fair a. ● 14 h.–21 h.
17	1017·9	1025·4	82·8	80·5	84	80	1·5	0·8	9·8	9·2	82	89	24 4	— 1	7	5	0·5	4·7	77	Fine.
18	1024·0	1017·6	82·4	83·0	85	78	1·1	1·1	10·2	10·5	86	86	20 2	26 5	10	10	20·8	—	75	Cloudy. ●^{2} 16 h.–22 h.
19	1019·3	1013·2	83·2	81·9	86	79	1·6	1·0	9·8	9·8	81	87	24 4	22 3	5	10	9·9	2·5	79	● showers. Sunny intervals.
20	1002·7	992·2	83·2	78·8	84	78	1·5	1·4	10·2	7·5	82	82	20 7	24 3	10	8	10·9	0·3	77	Fair a. ●^{2} 14 h.–18 h. ✱▲●^{n}.
21	991·8	993·2	77·4	77·4	80	75	1·1	0·9	7·1	7·1	84	86	— 1	4 2	10	10	7·2	1·0	74	Fair. ✱▲● 17 h.
22	1000·3	1001·0	79·3	77·4	82	77	1·7	1·1	7·5	7·1	78	84	4 2	— 1	6	0	—	4·3	74	Fine. Cold n.
23	996·9	994·2	78·0	75·8	81	75	1·1	0·8	7·5	6·5	84	87	— 1	— 1	9	5	—	0·2	72	Cloudy and misty.
24	991·8	995·9	79·1	78·9	81	75	0·8	1·5	8·5	7·5	88	81	22 2	2 2	10	10	1·8	0·2	71	Gloomy. ● 10 h.–11 h.
25	998·9	1003·3	75·0	76·5	80	73	1·7	0·8	5·1	6·8	73	87	— 1	— 1	10●	0	0·3	0·5	71	Thick mist. Clear n.
26	1006·4	998·3	75·8	81·3	85	n72	1·1	0·5	6·1	10·2	83	93	2 3	10 3	10≡^{0}	10●^{2}	42·7	0·7	n69	⊔. ●^{2} 14 h.–midt.
27	998·3	1000·6	86·3	82·4	x89	81	0·5	1·4	14·2	9·8	93	82	16 8	— 1	10●	10	5·3	—	75	●, ✱, ✱● (sleet) ▲.
28	995·2	993·9	81·5	83·6	86	80	0·7	1·7	9·8	10·2	91	80	— 0	— 1	10	10	6·4	0·7	76	Cloudy. Misty n.
29	989·1	997·2	83·0	81·3	85	81	1·2	1·2	10·2	9·2	85	86	20 5	18 2	10●	0	0·8	2·1	80	● showers. Sunny intervals.
30	989·8	988·8	83·0	82·2	84	80	1·4	2·0	10·2	8·8	83	76	16 3	— 1	8	10≡^{0}	2·3	2·3	75	Fine and mild.
31	1001·7	1018·6	80·5	76·9	82	76	1·8	2·2	7·8	5·4	76	70	2 4	30 3	10≡^{0}	0	—	1·4	76	Fine.
Mean	1012·0	1012·7	81·1	80·6	84·8	77·5	1·4	1·4	9·0	8·6	82	82	2·7	1·8	6·8	4·7	124·9	2·28	74·6	
Mean Barometer at Station Level.	998·5	999·2																		

* Metres per second.

† Beaufort Scale (0—12).

SHREWSBURY, SHROPSHIRE.—OCTOBER 1912.

Heights above Mean Sea Level:—Station, H = 57·9 m.; Barometer, H_b = 64·7 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity (Latitude 45°) 9 h.	21 h.	Air Temperature in Degrees Absolute 9 h.	21 h.	Max.	Min.	Humidity: Dep. of Wet 9 h.	21 h.	Vapour Pressure 9 h.	21 h.	Percentage 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second) 9 h.	21 h.	Cloud Amount and Weather 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+	200+	200+	200+	°	°	millibar.		%	%	†	†	Tenths of Sky covered.		mm.	hr.	200+	
1	993·5	998·9	85·8	84·7	89	82	1·2	0·8	12·6	12·2	86	90	24 2	24 2	5	10	—	—	76	Cloudy.
2	1006·4	1014·9	79·7	76·1	89	75	1·1	0·3	8·2	7·1	84	95	4 1	4 1	2	0	—	—	76	Cloudy.
3	1024·7	1032·5	77·5	75·2	83	74	1·3	0·2	6·8	6·8	81	96	4 3	4 1	0	0	—	—	71	⊔. Bright sunshine.
4	1038·2	1037·2	75·8	73·6	85	70	0·1	0·1	7·5	6·1	98	97	4 1	4 1	0	0	—	—	n69	⊔. Bright sunshine.
5	1033·2	1028·1	76·9	81·3	87	n69	1·1	1·4	6·8	8·8	84	82	20 1	20 1	0	8	—	—	70	⊔. Bright a.
6	1026·7	1025·7	81·3	79·5	87	78	1·3	0·4	8·8	9·2	83	95	20 3	12 1	9	0	—	—	75	Dull and unsettled.
7	1025·4	1025·7	81·6	76·3	89	75	0·5	0·1	10·2	7·5	93	98	12 1	12 1	5	0	—	—	72	∞ a. Bright from 10 h.
8	1025·4	1023·7	74·9	75·9	88	71	1·6	0·3	5·1	7·1	74	96	Calm 0	Calm 0	10≡	0	—	—	71	≡ a.
9	1025·7	1026·7	78·6	75·9	88	75	0·0	0·1	9·2	7·5	100	98	12 1	Calm 0	10≡	0≡	—	—	72	≡^{2}
10	1027·4	1025·4	81·0	76·6	87	72	0·2	0·2	10·5	7·8	97	98	12 1	Calm 0	10	0≡^{0}	—	—	71	≡^{0} most of day.
11	1025·0	1025·4	75·8	79·0	x90	74	0·0	0·3	7·5	8·8	100	96	Calm 0	Calm 0	10≡	0≡	—	—	74	≡^{2} a. ≡^{0} all day.
12	1026·4	1023·3	79·8	77·5	x90	76	0·0	0·0	9·8	8·5	100	99	12 1	Calm 0	10≡	0	—	—	75	≡^{2} a. Fine from noon.
13	1023·0	1021·0	81·8	85·8	x90	75	0·5	0·7	10·5	13·6	94	92	12 2	16 2	8	10	1·8	—	73	Dull and cloudy.
14	1017·9	1028·4	88·6	79·0	89	79	1·7	0·8	14·2	8·5	82	89	20 3	28 1	9	0	—	—	81	Cloudy. Bright intervals.
15	1028·7	1023·7	78·6	80·2	88	72	0·5	0·8	8·5	8·8	94	89	Calm 0	12 2	5	0	—	—	71	Sunshine all day.
16	1015·5	1010·8	83·7	85·0	88	79	1·7	0·3	10·2	13·2	80	96	18 3	20 3	8	10	1·0	—	76	Fine till 11 h., then dull.
17	1019·9	1026·0	82·0	76·6	88	76	1·0	0·2	9·8	7·8	88	98	20 1	18 1	0	0	—	—	74	Clear and cold.
18	1025·7	1018·6	82·9	86·3	89	75	0·9	0·2	10·9	14·6	88	97	22 3	22 2	10	10	—	—	73	Dull and cloudy.
19	1021·3	1015·9	82·4	82·4	87	76	1·3	0·7	9·8	10·5	83	90	22 2	22 1	0	9	0·8	—	74	Dull.
20	1006·1	994·9	83·6	79·1	87	79	1·3	0·4	10·9	8·8	85	93	22 3	22 1	9	5	5·1	—	77	Cloudy.
21	993·2	989·8	76·8	77·2	81	74	0·4	0·0	7·5	8·2	96	100	24 2	20 1	9	10	6·9	—	72	Cold. ● from 14 h.
22	999·6	1001·0	78·0	73·0	82	73	0·6	0·0	7·8	6·1	92	100	28 2	Calm 0	10	10≡	—	—	75	Dull. ≡^{2} n.
23	997·2	994·9	77·3	78·2	82	72	0·0	0·2	8·2	8·5	100	97	4 1	4 1	10	9	—	—	72	Dull and mild.
24	993·5	995·9	77·9	75·0	85	75	0·3	0·0	8·5	7·1	97	100	20 1	20 1	7	0	0·8	—	74	Sunshine most of day.
25	1000·0	1003·0	72·3	73·6	85	70	0·5	0·0	5·1	6·5	85	100	4 1	Calm 0	0	0	—	—	70	Fine. ≡ n.
26	1005·0	998·9	76·0	87·0	87	71	0·0	0·7	7·5	14·6	100	92	12 1	20 5	10≡	10	18·8	—	71	≡^{2}. ● from 11 h.
27	1000·6	1000·6	87·7	82·7	x90	82	1·4	0·3	13·9	11·5	84	96	20 4	16 1	8	10●	15·2	—	82	↯● showers. ● from 19 h. 30 m.
28	996·2	993·9	83·5	84·7	88	82	0·0	1·1	12·6	11·9	100	86	18 1	16 2	9	10	2·5	—	79	Cloudy and mild. ● p.
29	993·2	998·3	84·3	81·3	88	80	2·0	0·5	10·2	10·2	77	93	20 8	16 2	4	5	0·5	—	79	↯
30	991·2	989·1	81·9	80·9	84	80	0·7	0·2	10·2	10·2	92	98	14 2	16 2	5	10	5·8	—	77	Cloudy.
31	1001·0	1018·6	80·8	75·8	82	75	0·1	0·6	10·5	6·8	99	91	28 1	Calm 0	10●	0	0·8	—	77	Dull and cold.
Mean	1013·1	1013·2	80·3	79·2	87·0	75·3	0·8	0·4	9·3	9·2	90	95	1·8	1·2	6·5	4·4	60·0	—	74·2	
Mean Barometer at Station Level.	1005·1	1005·3																		

CAMBRIDGE, a.—OCTOBER 1912.

Heights above Mean Sea Level:—Station, H = 12·8 m.; Barometer, H_b = 13·1 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Pr. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. †	Wind 21 h. †	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	993·2	995·9	83·6	83·6	90	81	1·2	0·6	10·9	11·9	86	93	20 4	32 2	5	10●^{0}	5·6	4·2	79	Sunny. ● 20 h. 30 m.
2	1003·3	1011·5	82·4	78·0	85	78	2·0	0·8	8·8	7·8	75	88	30 4	32 3	8∞	0	—	6·2	80	● n. Sunny. Chilly wind.
3	1020·3	1030·1	78·6	77·4	83	75	1·2	0·5	7·5	7·8	84	92	28 4	28 3	0∞	0	—	8·2	73	Sunny. Very cold.
4	1036·9	1036·5	78·7	74·3	86	72	1·3	0·0	7·5	6·8	84	100	28 1	Calm 0	0⌓^{2}≡^{0}	0⌓^{2}	—	8·0	71	Sunny 8 h.–16 h. 30 m.
5	1034·2	1029·1	77·0	76·8	86	n71	0·4	0·1	7·8	7·8	94	98	20 1	20 1	0⌓≡^{0}	0⌓^{2}	—	8·0	n70	Sunny 8 h. 30 m.–16 h. 30 m.
6	1027·7	1025·4	80·5	76·0	87	n71	1·4	0·1	8·5	7·5	82	99	16 1	Calm 0	8∞⌓^{2}	0⌓	—	6·2	n70	Sunny.
7	1024·7	1025·0	81·7	77·1	89	73	1·3	0·0	9·2	8·2	83	100	20 1	24 1	1∞⌓	0≡⌓^{2}	—	9·0	71	Beautiful day.
8	1025·4	1024·3	80·4	78·3	88	n71	0·7	0·8	9·2	7·8	90	90	Calm 0	Calm 0	0⌓^{2}∞	0≡⌓	—	8·5	71	Beautiful day. ≡^{3} 22 h. 30 m.
9	1025·4	1026·4	78·1	81·1	90	75	0·0	0·0	8·8	10·9	100	100	28 1	4 1	0≡^{2}	0⌓^{2}	—	6·5	72	Sunny 10 h.–16 h. 30 m.
10	1027·1	1025·4	78·0	77·4	90	75	0·0	0·0	8·8	8·5	100	100	Calm 0	Calm 0	10≡^{3}	0≡⌓^{2}	—	6·2	75	Sunny.
11	1024·7	1025·0	75·0	76·9	90	73	0·0	0·0	7·1	8·2	100	100	Calm 0	Calm 0	10≡^{3}	0⌓^{2}	—	6·1	71	Sunny 10 h. 30 m.–16 h. 30 m.
12	1025·7	1024·0	77·9	79·0	90	74	0·0	0·2	8·8	8·8	100	96	16 1	16 1	7⌓≡^{0}	0⌓^{2}	—	5·5	72	Sunny. ≡ n.
13	1024·0	1023·3	82·0	86·5	89	76	0·1	1·3	11·2	12·9	99	84	16 2	16 3	10∞	10	—	3·0	72	Overcast till noon.
14	1019·6	1027·4	87·4	82·0	x91	82	1·5	1·6	13·6	9·2	82	81	20 4	24 2	10	0⌓	0·3	—	81	Gloomy. ● 16 h. 20 m.
15	1028·7	1024·7	78·1	76·3	87	73	0·0	0·0	8·8	7·8	100	100	20 1	Calm 0	4⌓^{2}∞	0⌓	—	4·2	71	Sunny 9 h.–14 h.
16	1019·6	1012·5	81·8	84·3	87	74	1·4	0·5	9·2	12·6	83	93	14 2	20 2	2⌓^{2}	10●^{0}	0·8	4·7	n70	Sunny till 13 h. ● 17 h. and [20 h.
17	1019·3	1024·7	83·6	77·4	87	77	1·7	0·1	10·2	8·2	80	98	24 3	24 1	0	0⌓^{2}	—	7·7	77	Beautiful day.
18	1026·4	1018·9	79·7	85·2	87	74	0·4	1·2	9·2	8·8	95	87	20 2	20 5	8⌓	10	—	3·5	71	Sunny. Squally S.W. wind.
19	1019·6	1016·9	82·5	79·6	87	79	1·2	0·5	10·2	9·2	85	93	24 3	Calm 0	0⌓	8	—	6·7	74	Beautiful day.
20	1008·4	995·2	84·1	83·1	86	79	1·5	0·5	10·9	11·5	82	94	20 4–5	16 4	7	10●^{2}	8·1	—	75	Overcast. ●^{0} 17 h. ●^{2} 21 h.
21	992·8	991·8	79·3	77·2	83	77	0·7	0·3	8·5	7·8	89	96	12 2	8 1	0	10●^{0}	7·4	4·5	73	Sunny till 14 h. ●^{0} 20 h.
22	995·2	999·3	80·3	78·0	83	77	0·6	0·3	9·2	8·5	91	96	2 2	32 1	9∞	0≡	0·3	1·1	75	Gloomy most of day.
23	997·2	994·2	75·7	77·4	84	73	0·0	0·1	7·5	8·2	100	99	16 1	Calm 0	10≡^{2}	10≡	—	1·9	71	Overcast till noon.
24	993·9	995·6	79·4	74·0	85	74	0·5	0·0	8·8	6·5	93	100	16 1	Calm 0	9∞⌓	0≡^{3}	—	5·5	75	Sunny.
25	999·3	1003·3	74·5	72·4	84	72	0·0	0·0	6·8	5·8	100	100	24 1	32 1	10≡^{3}	0≡^{2}	—	2·7	71	≡ till 10 h. ≡^{0} till noon. ≡ [15 h.
26	1007·1	1003·7	74·7	83·6	84	n71	0·0	0·1	6·8	12·6	100	99	Calm 0	12 3	10≡^{3}	10●^{0}	9·7	—	n70	● from noon.
27	1005·4	1004·0	87·4	86·4	88	84	1·3	1·1	13·9	13·2	84	87	12 3	20 2	10	10	2·8	—	77	Gloomy. ● 18 h. 30 m.
28	997·9	998·3	86·3	84·2	89	84	0·5	0·1	14·2	13·2	94	99	16 3	16 2	10●^{0}	10●^{0}	6·1	—	84	● a. Overcast. ● 19 h. 30 m.
29	995·6	1002·0	86·0	83·7	89	83	2·4	0·8	10·9	11·9	73	91	20 6–7	16 2	4	5	4·8	6·9	82	Beautiful day.
30	994·2	992·5	81·3	81·5	86	81	0·0	0·8	10·9	9·8	99	89	12 1	20 3	10●^{0}	4	3·1	2·0	77	Squally, with ● showers.
31	997·6	1013·5	81·4	77·5	82	77	0·6	0·9	10·2	7·5	92	87	24 2	28 3	9∞	0	1·3	—	79	Gloomy. ● showers p.
Mean	1013·2	1013·6	80·6	79·6	86·7	76·0	0·8	0·4	9·5	9·2	90	94	2·0	1·5	5·8	3·8	50·3	4·42	74·2	
Mean Barometer at Station Level.	1011·7	1012·1																		

† Beaufort Scale (0—12).

SOUTHAMPTON, HAMPSHIRE, a.—OCTOBER 1912.

Heights above Mean Sea Level :—Station, H = 19·5 m. ; Barometer, H_b = 25·6 m. Heights above Ground :—Therms., h_t = 1·37 m. Rain-gauge, h_r = 0·3 m. Lat. 50° 55′ N. Long. 1° 24′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200+ °	
1	996·6	995·6	85·8	84·2	*x* 90	82	1·0	0·3	12·9	12·9	88	96	24	2	12	3	3	10●	19·8	4·2	80	Fine *a.* ● from 14 h. 30 m. T
2	1004·0	1011·5	81·4	81·3	85	81	0·3	2·1	10·5	8·2	96	74	4	3	4	5	10●⁰	0	—	0·1	81	Dull, with drizzling ●.
3	1021·3	1030·8	78·3	78·5	84	75	1·3	1·2	7·1	7·5	82	85	4	3	4	3	0	0∞	—	8·7	73	⌴ *a.* Fine. ⌂ *p.*
4	1037·9	1037·9	78·7	80·9	86	74	1·2	3·7	7·8	6·1	85	58	4	2	4	2	0∞	0≡⁰	—	8·6	71	Fine.
5	1035·2	1030·1	78·6	78·7	86	73	1·1	0·8	7·8	8·2	86	90	4	2	12	2	0≡¹	0≡¹	—	5·9	71	Fine. ∞ mid-day.
6	1028·1	1027·1	78·6	78·7	86	*n* 72	1·1	0·6	7·8	8·5	86	91	12	2	12	2	2≡⁰	0≡²	—	4·9	*n* 70	Fine.
7	1027·1	1026·0	78·1	80·1	89	73	0·6	0·6	8·2	9·2	92	91	12	2	20	1	0≡²	0≡²	—	6·7	71	Fine.
8	1027·1	1024·0	81·6	79·8	87	75	1·0	1·8	9·5	7·5	86	76	4	2	12	1	0≡²	0∞	—	8·7	72	Fine.
9	1024·3	1025·0	81·3	82·5	*x* 90	76	1·3	1·9	9·2	9·2	83	76	12	2	12	1	0≡²	0∞	—	8·1	72	Fine.
10	1026·0	1025·7	82·3	81·0	89	80	0·6	0·7	10·9	9·8	91	92	4	2	12	1	10≡¹	0≡¹	—	6·8	77	Dull to fine.
11	1027·4	1026·0	77·9	80·3	88	75	0·4	0·3	8·2	9·8	95	95	12	2	12	1	10≡³	0≡¹	—	5·0	72	≡³ till 11 h. ∞ till 15 h. ≡³ *n.*
12	1027·1	1026·4	77·5	83·6	89	73	0·1	0·6	8·2	11·9	98	93	12	2	12	1	2≡⁰	0≡³	—	5·5	71	Fine *a.* ∞ till 16 h.
13	1027·4	1024·7	83·7	85·4	*x* 90	80	0·0	0·5	12·6	13·6	100	94	12	2	12	2	10≡³	5∞	0·4	3·2	77	≡³ *n.* and *a.*
14	1023·3	1027·4	86·3	85·5	89	85	0·4	1·3	14·2	12·2	94	84	20	2	20	3	10	3●⁰	0·3	—	81	Dull and damp.
15	1029·8	1026·4	80·3	79·9	87	76	0·5	0·6	9·5	9·2	92	92	4	2	20	2	0∞	0∞	—	5·8	73	Fine, with ∞⁰.
16	1021·3	1015·5	78·9	84·7	87	75	0·2	0·5	8·8	12·9	97	94	12	1	20	2	5≡²	10	1·0	0·2	72	≡² *n.* and *a.* ● 15 h.–18 h.
17	1023·7	1027·4	83·0	81·4	87	80	1·0	0·8	10·5	9·8	87	90	28	2	28	1	0	0	—	6·7	75	Fine. ⌂
18	1030·8	1023·7	79·7	85·3	87	75	0·2	1·0	9·5	12·6	97	87	28	2	28	3	10≡³	10	0·4	1·3	72	Cloudy. Bright mid-day.
19	1022·7	1019·9	83·6	81·1	87	81	1·4	0·9	10·5	9·5	84	88	28	2	28	1	0	0∞	—	7·2	76	● showers *n.* Fine.
20	1013·2	997·9	85·2	85·3	87	79	1·5	1·5	11·5	11·5	81	81	20	3	20	6	4	10●	11·4	3·1	75	Cloudy. ● from 20 h.
21	993·9	991·5	79·7	78·3	85	76	1·0	0·5	8·5	8·2	85	93	20	2	20	4	5≡¹	10●	3·8	2·5	72	● till 4 h. and from 16 h.
22	996·9	999·6	78·9	79·7	82	78	0·8	0·6	8·2	8·8	89	91	28	3	4	2	10	4	0·5	0·1	75	Dull. ● 14 h.–16 h. ⩊ *p.*
23	997·6	994·2	78·6	79·6	82	76	0·2	0·3	8·8	9·2	97	95	4	2	28	2	10	4≡⁰	1·0	—	74	Dull, damp, and misty.
24	994·9	995·9	76·9	78·7	83	76	0·0	0·5	8·2	8·5	100	92	20	2	4	2	10≡³	2≡¹	—	1·7	73	≡³ till 11 h. ≡¹ evening.
25	1000·6	1004·7	74·1	78·3	85	*n* 72	0·0	0·2	6·8	8·5	100	97	4	2	20	1	0≡³	0≡⁰	1·8	3·1	*n* 70	≡³ till 10 h. ● 15 h.–16 h.
26	1007·4	1005·7	81·3	86·9	87	74	0·0	0·5	10·9	14·9	100	94	4	2	20	4	10●	10●	10·4	—	71	● 7 h.–16 h.
27	1007·8	1005·0	86·9	87·5	88	86	1·0	2·1	13·9	12·6	88	77	20	4	20	5	10	10	13·2	—	85	● showers 10 h. and 15 h.–17 h.
28	999·3	997·2	86·9	86·1	88	85	0·2	0·2	15·3	14·6	97	97	20	5	12	5	10●	10●	18·5	—	85	● 7 h.–10 h. and after 17 h.
29	999·6	1002·3	85·8	85·1	88	84	2·1	1·1	11·2	12·2	76	87	20	4	20	3	3	2	2·8	4·4	82	● till 5 h. Fine after 11. h [18 h.
30	996·6	993·2	85·3	83·1	86	82	1·1	0·6	12·2	11·5	86	93	20	3	20	3	10●	2	7·9	2·9	82	● 17 h.–19 h. <²T (terrific peal)
31	1002·0	1017·2	83·0	79·4	85	79	1·0	1·2	10·5	8·2	87	83	28	2	4	2	6	0	0·3	2·7	79	● early *a.* Fine *a.*, then dull.
Mean	1015·2	1014·7	81·2	82·0	86·8	77·6	0·7	1·0	10·0	10·2	90	88	2·4		2·5		5·2	3·3	93·5	3·81	75·2	
Mean Barometer at Station Level.	1012·0	1011·5																				

FALMOUTH, CORNWALL, a.e.—OCTOBER 1912.

Heights above Mean Sea Level :—Station, H = 50·9 m. ; Barometer, H_b = 55·8 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·6 m Lat. 50° 9′ N. Long 5° 4′ W. *Time*, Greenwich mean time.

													*		*		10 h.	22 h.	10 h.			
1	996·2	994·2	85·1	85·7	87	82	0·8	0·4	12·6	13·9	89	95	—	1	20	5	10	9	12·2	0·8	—	⟨K⟩●² showers 11 h. 40 m.
2	1000·3	1010·5	86·6	82·4	87	82	0·2	1·7	15·3	9·2	97	78	14	2	4	4	10	10	0·8	0·1	—	Cloudy to overcast.
3	1022·0	1031·5	79·5	79·6	83	*n* 77	2·1	2·2	7·1	7·1	73	72	4	5	2	2	0	0	—	9·4	—	Bright and cloudless.
4	1038·2	1037·2	79·8	79·6	83	*n* 77	1·7	1·7	7·8	7·5	77	77	2	2	—	1	1	0	—	9·4	—	Uninterrupted sunshine.
5	1033·2	1029·1	82·6	78·7	85	*n* 77	1·4	1·1	9·8	7·8	83	86	18	2	—	1	7	0	—	7·4	—	Sunny from 10 h. [bright.
6	1028·1	1027·1	80·2	81·3	85	*n* 77	1·4	1·1	8·2	9·5	81	87	—	1	—	1	1≡⁰	0	—	6·3	—	Low mist 10 h. Generally
7	1026·0	1024·7	81·3	83·0	85	79	1·1	1·0	9·5	10·5	86	87	—	1	12	3	0	0	—	8·9	—	Continuous sunshine.
8	1022·3	1020·6	84·2	83·9	86	83	1·7	1·9	10·5	10·2	80	77	14	3	12	3	0	0	—	8·9	—	Fine and bright.
9	1021·0	1023·7	85·2	83·8	87	82	1·4	0·8	11·5	11·5	82	90	12	3	—	1	1	0	—	7·6	—	Fine and bright.
10	1024·3	1024·0	83·5	84·0	87	81	0·6	0·2	11·9	12·6	93	96	—	1	—	1	10∞	9	—	2·6	—	Dull *a.* Fair *p.*
11	1024·0	1025·0	86·3	84·7	88	83	0·5	0·4	14·2	12·9	94	95	—	1	—	1	7	0	—	5·7	—	Fine and sunny from 10 h.
12	1025·0	1023·7	84·7	82·4	87	82	0·7	0·1	12·6	11·5	92	98	12	2	—	1	1	5≡⁰	—	7·8	—	Very fine and bright.
13	1023·0	1022·7	85·8	86·2	87	84	0·4	0·4	13·9	14·2	95	94	18	2	18	6	7	10	2·3	1·1	—	Cloudy and mild.
14	1023·0	1029·4	87·3	83·0	*x* 89	81	0·2	1·3	15·6	10·2	97	84	22	6	2	2	10●⁰	0	—	0·5	—	Damp early. Cloudy.
15	1030·1	1026·4	81·8	79·3	86	79	1·6	0·3	8·8	9·2	80	96	—	1	—	1	1	0	1·0	9·1	—	Continuous sunshine.
16	1019·3	1016·9	84·5	84·9	87	80	0·9	0·7	11·9	12·6	88	92	18	4	22	6	10●⁰	10●⁰	2·8	—	—	Dull and damp.
17	1024·7	1029·4	84·3	81·3	87	81	1·7	0·7	10·5	9·8	80	91	30	2	28	2	3	0	—	8·5	—	Fine and bright.
18	1029·8	1025·7	84·7	85·8	87	81	1·1	0·1	11·9	14·6	86	99	22	3	22	7	10	10●⁰	1·8	1·1	—	Cloudy, mild, and damp.
19	1025·0	1021·6	84·1	82·8	86	82	1·0	1·0	11·5	10·5	87	88	30	2	24	4	5	5	0·8	7·6	—	Cloudy to bright. Wet evening.
20	1013·2	999·6	84·1	81·5	86	81	1·0	0·5	11·5	10·2	88	92	22	6	26	5	8	10●	14·5	1·4	—	Fair to overcast.
21	997·2	998·6	80·9	82·3	84	78	2·3	3·5	7·5	7·1	72	60	30	5	28	10	8	9	15·2	4·8	—	●⁰ showers. Sunny intervals. ▲
22	1000·3	1000·6	81·0	80·6	83	80	0·8	1·3	9·5	8·8	90	84	32	4	—	1	8	10	2·3	4·9	—	●² early *a.* Fine and sunny.
23	996·6	997·2	82·4	80·2	84	80	1·8	1·2	9·2	8·5	77	83	28	6	24	3	6	7	2·0	6·5	—	●⁰ showers.
24	994·9	996·9	80·7	79·2	83	79	1·2	1·0	8·8	8·2	84	86	24	3	24	2	4	0	2·0	4·7	—	Intermittent sunshine.
25	1000·3	1003·3	80·6	80·5	84	79	0·8	0·7	9·2	9·5	89	91	24	4	—	1	5	10	11·2	2·8	—	Cloudy to bright. ●⁰ showers.
26	1000·0	1002·7	84·7	87·3	87	82	0·4	1·0	13·2	14·2	96	88	20	5	18	10	10	10	3·1	—	—	Dull, damp, and squally.
27	1003·7	997·9	87·0	86·3	87	85	0·7	0·5	14·6	14·2	92	94	18	8	18	10	10	10●	31·0	—	—	Dull and damp. ●² *n.*
28	998·3	992·8	86·0	85·2	87	85	0·9	0·7	13·2	12·9	90	92	20	8	18	7	7	10	5·6	—	—	Dull, damp, and squally.
29	998·6	996·6	85·2	85·3	87	84	1·8	1·2	11·2	12·2	79	85	22	9	18	8	4	10●	6·6	5·2	—	Sunny till 14 h.
30	993·9	995·9	83·1	83·0	85	82	1·8	1·7	9·5	9·8	78	80	22	8	24	8	10	9	4·6	2·4	—	Stormy and overcast.
31	1007·8	1021·0	84·3	81·5	85	80	1·9	1·3	10·5	9·2	78	83	28	7	—	1	7	3	1·8	3·5	—	Cloudy and windy.
Mean	1014·2	1014·4	83·7	82·7	85·9	80·9	1·2	1·0	11·1	10·6	86	87	3·8		3·8		5·8	5·4	121·6	4·48	—	
Mean Barometer at Station Level.	1007·0	1007·2																				

* Metres per second. † Beaufort Scale (0—12).

ARMAGH, a.—OCTOBER 1912.

Heights above Mean Sea Level :—Station, H = 59·8 m. ; Barometer, H_b = 61·6 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200+ °	
1	996·2	1002·3	83·6	80·9	84	81	1·3	1·2	10·9	8·8	84	85	2	2	—	1	10	10	—	—	77	Overcast.
2	1011·5	1018·6	82·3	75·0	84	75	3·1	1·4	7·5	5·4	64	77	—	1	—	0	5	0	—	7·1	71	Fine.
3	1028·1	1033·8	79·1	74·6	83	71	1·7	1·5	7·5	5·1	78	75	—	0	—	1	0	3	—	8·6	*n* 68	⌴ early *a.* Fine.
4	1036·9	1033·2	80·7	79·1	85	72	3·0	2·0	6·8	6·8	65	73	—	1	20	2	0	2	—	8·6	*n* 68	Fine.
5	1025·0	1019·9	82·2	83·7	85	77	2·3	2·5	8·2	9·2	71	72	16	6	18	4	10	10	0·2	—	74	Overcast.
6	1022·0	1019·9	84·2	83·6	87	82	2·0	2·5	10·2	9·2	76	71	20	3	18	3	0	10	—	8·1	80	Fine.
7	1021·3	1021·6	84·6	83·1	88	83	1·0	1·9	11·9	9·5	87	77	20	2	16	3	10	2	—	2·8	81	Cloudy *a.* Fine *p.*
8	1018·3	1018·3	85·2	82·0	87	80	2·4	1·2	10·2	9·5	72	85	16	5	12	3	0	0	—	6·1	77	Fine.
9	1022·3	1024·3	83·4	81·1	88	79	1·4	1·0	10·5	9·5	83	88	—	1	16	2	2	8	—	5·5	74	Fine.
10	1023·0	1019·6	84·7	83·3	*x* 89	72	2·2	1·7	10·2	9·8	75	80	16	2	16	5	0	10	0·9	7·8	70	Fine.
11	1021·6	1025·0	84·0	81·9	86	82	0·5	0·9	12·2	10·2	93	89	—	1	—	1	10	10	0·8	—	81	Overcast.
12	1021·6	1015·9	84·6	85·2	*x* 89	81	1·2	1·4	11·5	11·5	85	82	16	2	14	5	2	10	0·2	4·5	79	Fine.
13	1015·2	1010·5	87·1	85·9	*x* 89	84	0·9	0·6	14·2	13·9	90	93	16	4	14	4	10	10	1·0	—	83	Overcast.
14	1018·3	1026·7	82·3	78·7	87	79	1·2	1·6	9·8	7·1	84	79	28	2	—	1	10	0	—	5·0	81	Fine.
15	1021·6	1016·2	82·0	82·7	84	79	1·9	0·8	8·8	10·9	77	89	16	3	18	4	10	10	3·7	—	76	Overcast, with drizzle.
16	1008·1	1011·1	83·6	79·0	85	79	0·8	0·6	11·5	8·5	91	91	16	5	—	1	10●	3	0·7	—	76	● *a.* Cleared 18 h.
17	1019·6	1025·4	82·3	79·0	87	78	1·1	0·5	10·2	8·5	86	92	20	2	—	1	0	0	—	6·4	75	Very fine.
18	1018·3	1019·3	84·5	80·4	87	79	0·6	0·5	12·6	9·5	92	93	18	4	24	2	10	0	0·9	—	75	Showery 13 h.–16 h.
19	1018·6	1011·5	81·8	81·3	85	79	1·1	1·3	9·5	9·2	86	83	20	3	20	4	9	8	0·8	0·7	77	Cloudy and dry.
20	996·6	989·1	81·2	76·2	82	76	1·6	0·8	8·5	6·8	80	88	20	4	20	2	9	2	2·9	—	79	Showery.
21	988·8	997·6	80·3	77·2	83	74	0·6	1·0	9·2	7·1	91	86	20	5	—	1	10	10	1·7	0·7	71	Squally.
22	1003·3	997·6	77·2	80·8	82	74	0·6	1·6	7·5	8·5	92	80	—	0	12	2	0	10	2·0	6·6	70	Fine.
23	993·5	993·9	80·2	77·0	84	77	1·0	0·5	8·8	7·5	86	93	18	2	—	1	5	8	—	6·4	72	Fine.
24	991·2	995·2	75·3	73·6	82	74	0·1	0·5	7·1	5·8	99	91	—	1	—	1	10	0⩊	0·3	4·8	70	≡⁰ early *a.* Fine ⩊ 21 h.
25	998·9	1001·7	73·2	72·4	79	71	0·6	0·1	5·4	5·8	88	95	—	0	—	0	10	0	0·1	—	70	≡ till 19 h.
26	999·3	991·8	79·7	82·7	83	*n* 70	0·6	0·4	9·2	11·5	92	95	12	2	—	1	10	10	4·3	—	70	≡. ● showers 13 h.–17 h.
27	990·5	994·9	79·6	79·8	87	77	0·9	0·9	8·5	8·5	88	87	—	1	16	4	10	4	—	2·3	72	Fine.
28	990·1	987·4	82·1	80·2	85	78	1·1	1·1	9·8	8·5	86	86	16	4	16	2	10	5	3·7	1·8	76	Fine.
29	986·1	990·8	82·2	82·1	85	80	1·1	1·6	9·8	9·2	86	81	20	6	14	3	8	10	3·1	2·3	77	Fine.
30	984·4	991·2	79·7	78·9	84	78	0·1	0·3	9·8	8·8	99	96	10	2	—	0	10	8	1·5	2·6	73	● showers *a.* Fine *p.*
31	1009·8	1023·0	80·6	74·5	82	75	1·6	0·4	8·2	6·5	79	93	—	1	—	1	0	0	—	4·4	73	Fine.
Mean	1009·7	1010·6	81·7	79·9	85·1	77·3	1·3	1·1	9·5	8·6	84	85	2·5		2·1		6·5	5·6	28·8	3·33	74·7	
Mean Barometer at Station Level.	1002·3	1003·0																				

MARKREE CASTLE, SLIGO, a.b.—OCTOBER 1912.

Heights above Mean Sea Level :—Station, H = 37·2 m. ; Barometer, H_b = 38·7 m. Heights above Ground :—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 54° 11′ N. Long. 8° 27′ W. *Time*, Dublin mean time.

													†		†							
1	996·2	1002·0	84·6	82·4	87	80	1·6	1·6	10·9	9·5	81	79	32	1	2	2	10	10	—	0·1	79	Fine and mild. ⌴ *n.*
2	1010·8	1020·3	80·2	76·3	85	75	1·9	1·1	7·5	6·5	75	83	32	1	4	1	1	0	—	8·1	70	Fine, but cool. ⌴ *n.*
3	1027·7	1033·8	77·4	73·6	84	71	1·1	0·6	7·1	5·8	84	89	Calm	0	Calm	0	0	6	—	4·5	*n* 67	Fine, but cool. ⌴ *n.*
4	1036·5	1031·5	76·0	80·4	85	*n* 70	1·9	1·8	5·4	7·8	73	76	Calm	0	14	2	9	10	—	4·0	*n* 67	Fine, but cool. ⌴ *n.*
5	1024·0	1020·3	82·4	82·0	86	80	2·2	0·4	8·8	10·9	73	96	14	3	16	1	10	1	4·6	—	79	Fair till 15 h., then ● till 19 h.
6	1021·6	1020·3	85·1	85·2	*x* 89	77	1·2	2·0	11·9	10·9	85	77	20	1	16	2	1	10	—	7·7	74	Fine and mild.
7	1021·6	1020·3	84·6	80·4	*x* 89	80	1·0	1·0	11·9	8·8	87	87	Calm	0	12	1	6	0	—	6·0	81	Fine and mild.
8	1015·5	1016·9	81·8	83·0	*x* 89	79	1·6	1·7	9·2	9·5	80	79	12	3	12	2	5	10	—	6·8	76	Fine and mild.
9	1021·0	1024·0	83·8	80·7	88	80	1·6	0·8	10·5	9·2	81	89	16	2	Calm	0	10	0	—	1·8	81	Fair, but cool. ≡
10	1022·7	1016·6	79·7	83·9	87	76	0·3	1·5	9·5	10·9	96	83	12	1	16	2	*10*≡	10	3·1	1·5	71	≡ *a.* Fair.
11	1022·0	1024·7	82·9	77·1	86	77	0·7	0·3	11·2	7·8	91	96	Calm	0	Calm	0	5	3	—	1·0	79	● *n.* Fine day.
12	1020·6	1013·8	83·5	84·9	88	76	0·8	1·3	11·5	11·5	91	84	16	2	16	3	10	10	0·8	0·5	74	Overcast.
13	1015·2	1010·5	86·6	86·5	*x* 89	85	0·8	0·2	13·9	14·9	90	98	Calm	0	16	3	10	10●	7·9	0·2	84	Fine till 17 h. ● 17 h.–22 h.
14	1018·6	1027·4	82·4	76·1	88	76	1·6	0·4	9·5	7·1	79	94	4	2	Calm	0	10	0	—	5·8	80	Fine.
15	1019·6	1014·9	81·9	*84·7*	85	75	1·1	*1·1*	9·8	*11·9*	86	*86*	16	3	20	2	10	10●	8·6	—	72	⌴. Rainy day.
16	1007·4	1012·5	84·6	81·0	86	80	1·0	0·6	11·9	9·8	87	93	16	3	Calm	0	10	9	4·1	0·8	82	● till 15 h. Showery evening. ≡
17	1020·3	1024·7	81·1	80·4	87	76	0·6	0·2	9·8	10·2	93	98	Calm	0	Calm	0	2	0	0·5	6·6	74	Fine.
18	1018·9	1021·0	85·8	81·6	88	80	0·6	0·9	13·6	9·8	93	88	20	2	32	1	10●⁰	0	3·1	—	80	● showers *a.* Fair and mild *p.*
19	1020·3	1011·8	81·8	82·1	86	78	1·0	0·9	9·8	10·2	87	90	Calm	0	Calm	0	6	8	7·4	2·0	75	● showers. < *n.*
20	996·2	989·5	80·2	76·3	83	76	1·4	0·5	8·2	7·1	80	91	20	3	20	1	10	10●	14·0	0·6	79	● showers. ≡. < *n.*
21	994·2	998·9	81·8	82·9	84	76	2·1	1·6	8·5	9·8	74	81	28	5	28	4	9	9	13·2	2·2	74	⁄ till 15 h. ● showers.
22	1003·0	995·2	77·1	78·6	84	76	0·5	1·0	7·8	7·8	94	87	Calm	0	12	2	0	10●	2·8	5·5	75	Fine and mild.
23	993·9	993·9	76·2	73·9	85	74	0·2	0·3	7·5	6·1	96	94	Calm	0	Calm	0	4	0	—	3·8	72	Fair and mild.
24	992·5	995·2	71·5	76·3	82	71	0·2	0·0	5·1	7·8	93	99	Calm	0	Calm	0	*10*≡	*10*≡	1·0	4·2	*n* 67	≡ till noon. ⌴ *n.*
25	998·3	1001·0	72·7	72·9	80	71	0·5	0·3	5·1	5·8	87	94	Calm	0	Calm	0	*10*≡	0	0·3	1·0	68	≡ all day. ⌴
26	997·6	991·2	78·3	83·6	84	72	0·7	0·1	8·2	12·6	90	99	Calm	0	Calm	0	10	10●	9·9	—	69	Rainy and mild.
27	987·1	993·9	80·0	80·2	84	74	0·3	0·5	9·5	9·5	96	92	32	1	16	2	10●	6	15·5	1·1	72	●² showers during day.
28	989·1	985·1	80·2	80·1	84	79	0·2	0·5	9·8	9·2	96	92	16	1	12	1	10	10	7·1	0·3	77	● *a.* Fair and mild *p.*
29	985·1	987·8	79·6	81·5	86	79	0·6	0·5	8·8	10·2	92	94	Calm	0	12	2	3	10●	3·6	5·0	76	Fine and mild. ● *n.*
30	984·1	995·2	80·6	80·8	82	75	0·4	0·6	9·8	9·8	95	93	Calm	0	Calm	0	10	7	2·5	—	71	Fine. ⌴
31	1011·8	1025·0	79·9	74·1	82	74	2·5	0·1	6·8	6·5	69	98	32	3	Calm	0	5	1	0·3	4·5	75	Fine.
Mean	1009·5	1010·3	80·8	80·1	85·5	76·4	1·0	0·8	9·3	9·2	86	90	1·2		1·1		7·3	6·1	110·3	2·76	74·8	
Mean Barometer at Station Level.	1004·8	1005·6																				

* Metres per second. † Beaufort Scale (0—12).

DUBLIN (PHŒNIX PARK), a.—OCTOBER 1912.

Heights above Mean Sea Level:—Station, H = 47·3 m.; Barometer, H_b = 48·5 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second). 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200+ °	
1	994·9	1000·3	84·3	83·5	86	79	0·7	2·6	12·2	8·8	91	70	—	0	6	6	10	10	0·5	—	74	●⁰ at intervals *a.*
2	1009·4	1016·2	81·4	79·2	85	79	1·9	2·0	8·5	7·1	76	74	4	6	32	3	7	8	—	5·1	78	Fine. Cloudy intervals.
3	1027·4	1034·2	80·1	71·4	82	71	2·0	0·1	7·5	5·4	74	98	32	3	—	0	3	0	—	8·0	69	Beautiful day.
4	1037·6	1035·5	79·0	72·1	85	*n* 69	2·0	0·2	6·8	5·4	74	96	—	0	—	0	0	0	—	9·0	*n* 66	Beautiful day.
5	1028·7	1023·0	83·7	83·9	85	71	2·9	1·1	8·5	11·2	68	86	18	5	20	7	8	10	—	1·2	67	Fine, but cloudy.
6	1023·7	1023·3	85·7	81·4	88	80	2·2	1·1	11·2	9·5	76	86	22	3	22	2	1	0	—	8·8	76	Beautiful day.
7	1023·3	1023·0	84·2	76·2	89	76	1·4	0·3	11·2	7·1	83	95	20	3	—	0	5	0	—	7·2	72	Beautiful day.
8	1019·3	1018·9	85·6	85·6	89	76	2·5	5·4	10·5	7·1	73	49	14	4	16	5	2	0	—	5·4	71	Fine.
9	1022·0	1023·3	85·2	75·0	89	75	2·0	0·2	10·9	6·8	76	96	8	2	—	0	2	0	—	5·7	73	Fine.
10	1022·7	1021·6	81·7	78·8	89	71	0·6	0·1	10·5	9·2	93	99	—	0	—	1	0	0	—	5·7	69	Fine.
11	1020·6	1024·3	85·5	83·6	86	77	1·4	0·1	11·9	12·6	82	99	22	2	—	0	8	10	0·8	—	72	●⁰ 9 h. 45 m.–16 h.
12	1022·3	1018·3	83·1	86·0	*x* 90	76	0·3	1·9	11·9	11·9	97	79	—	0	16	3	0	4	—	6·1	74	Beautiful day.
13	1016·2	1012·8	88·2	87·8	*x* 90	84	1·5	0·8	14·2	15·3	84	90	20	5	18	4	10	7	1·8	—	80	●² showers 14 h.–21 h.
14	1016·9	1027·1	82·9	78·0	89	77	1·0	0·5	10·5	8·2	87	93	24	3	24	2	10	0	—	3·8	82	Fine, but cloudy.
15	1023·7	1018·6	83·1	84·4	86	74	1·9	1·5	9·5	11·2	78	82	20	5	20	5	6	10	—	—	71	Overcast.
16	1011·1	1010·8	85·4	79·9	87	80	1·5	0·4	11·5	9·5	81	96	18	7	24	3	8	0	3·1	—	82	●⁰ at intervals. ●² 23 h.
17	1020·3	1026·7	82·2	79·3	87	78	1·0	0·8	10·2	8·5	87	88	24	3	—	1	2	1	—	7·8	76	Beautiful day.
18	1020·6	1019·6	86·1	81·1	89	77	1·5	0·4	12·6	10·2	82	95	20	4	24	4	7	0	5·6	1·8	72	Dull. ●² at intervals 14 h.–18 h.
19	1019·6	1013·2	82·5	81·6	85	79	1·2	0·4	10·2	10·5	85	94	24	3	22	5	4	10	1·6	1·6	76	●² at intervals 18 h.–21 h.
20	1000·0	991·2	82·9	77·4	84	77	1·0	1·2	10·5	7·1	87	83	20	7	22	5	10	2	1·8	0·2	79	●² at intervals 9 h.–15 h.
21	994·5	998·3	77·0	78·0	84	75	0·3	1·0	7·8	7·5	97	86	24	4	28	3	10	10	4·6	0·7	72	●² at intervals 10 h.–16 h.
22	1001·0	998·3	77·2	76·6	83	72	0·8	0·2	7·5	7·8	90	97	—	1	—	0	3	10	1·5	6·2	70	Beautiful day.
23	994·2	994·9	81·3	76·3	85	76	1·3	0·2	9·2	7·5	84	96	—	1	—	1	2	2	0·5	5·5	73	Fine.
24	991·5	994·9	77·4	73·0	83	72	0·5	0·2	7·8	5·8	93	94	—	1	—	0	1	4	—	6·0		Beautiful day.
25	998·6	1000·0	74·6	74·5	84	*n* 69	0·1	0·2	6·8	6·5	98	96	—	0	—	0	1	6	—	5·4	*n* 66	Beautiful day.
26	999·3	992·8	82·1	85·7	86	71	0·9	0·9	10·2	12·9	89	89	10	4	18	2	10●	10	11·3	—	69	●² 9 h.–15 h.
27	992·5	996·2	87·3	83·1	88	76	3·0	2·2	11·2	9·2	69	74	8	3	16	2	4	9	—	2·2	76	Fine, but cloudy.
28	990·5	987·4	84·0	82·9	86	76	1·8	1·5	10·5	9·8	80	82	16	3	—	1	8	10	5·8	—	71	●² at intervals *a.*
29	986·8	990·8	82·8	84·4	86	81	1·9	2·7	9·2	9·2	76	69	22	6	14	4	1	8	1·8	—	78	Overcast.
30	984·4	989·1	82·0	80·6	85	77	1·8	0·7	8·8	9·5	78	90	10	2	26	3	4	7	—	2·7	72	●² 6 h.–7 h. Fine, but cloudy.
31	1007·8	1021·6	80·0	74·6	82	74	1·5	0·4	7·8	6·5	80	92	32	5	30	2	7	1	—	3·2	76	Fine, but cloudy.
Mean	1010·4	1011·2	82·5	79·9	86·1	75·7	1·4	1·0	9·9	8·9	83	88	3·1		2·4		5·0	4·8	40·7	3·53	73·2	
Mean Barometer at Station Level.	1004·5	1005·2																				

LIMERICK (MUNGRET COLLEGE).—OCTOBER 1912.

Heights above Mean Sea Level:—Station, H = 14·3 m.; Barometer, H_b = 15·2 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 52° 38′ N. Long. 8° 41′ W. *Time*, Dublin mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Pr. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain.	Sunshine.	Min. Temp. on Grass.	Remarks.
1	994·5	997·9	84·5	83·1	87	79	1·3	0·9	11·2	10·9	84	89	4	3	4	6	4	10	—	2·7	76	
2	1007·8	1017·9	80·5	76·4	85	76	1·9	0·9	7·8	6·8	75	86	32	4	4	3	3	0	—	8·4	72	Fine, but cold.
3	1027·1	1033·5	76·2	75·2	84	*n* 70	0·6	0·6	7·1	6·5	90	89	Calm	0	Calm	0	0	0⌴	—	9·1	*n* 66	⌴ 6 h. Very fine.
4	1037·2	1033·8	76·9	80·7	86	*n* 70	0·8	0·9	7·1	9·2	88	89	Calm	0	16	3	0	10	—	6·7	*n* 66	⌴ *a.* Very fine.
5	1026·4	1022·0	83·6	83·4	86	77	1·8	0·2	10·2	12·2	79	98	16	3	16	4	9	10	—	0·3	75	Dull.
6	1023·3	1023·3	82·9	79·3	89	75	0·6	0·2	11·2	9·2	92	98	16	2	20	3	0	0	—	8·5	72	Fine, but cold.
7	1023·0	1020·3	81·5	81·8	88	76	0·5	0·5	10·2	10·5	93	93	Calm	0	12	5	3	0	—	7·1	72	Very fine.
8	1015·2	1015·5	85·0	84·7	88	80	1·9	0·9	10·9	12·2	78	88	12	6	12	5	7	10	1·0	1·4	78	Fair.
9	1019·9	1023·7	84·4	84·1	89	79	0·6	0·0	12·2	13·2	91	99	Calm	0	Calm	0	10	0⌴²	—	5·3	72	Very fine.
10	1022·7	1019·9	84·1	83·8	88	77	0·5	0·5	12·2	12·2	93	94	20	2	12	3	5	6	4·2	3·8	72	≡² 7 h. Very fine.
11	1022·0	1023·0	84·7	83·6	86	84	0·4	0·0	13·2	12·6	96	100	32	1	4	2	10	10●⁰	1·8	—	82	≡⁰ early *a.* Dull.
12	1020·3	1014·9	84·8	86·3	87	82	1·3	1·1	11·5	13·2	84	87	12	2	16	7	4	10	—	3·4	82	
13	1015·9	1010·5	87·5	87·4	89	85	1·1	0·2	14·2	15·9	87	97	20	1	16	5	7	10●⁰	8·0	0·2	81	● *p.*
14	1020·6	1027·7	83·0	76·6	88	76	0·9	0·2	10·9	7·8	89	98	28	2	16	2	10	0	—	6·2	73	Dull. ⌒² 17 h.
15	1024·0	1018·6	82·7	84·2	87	76	0·9	0·7	10·5	12·2	89	91	16	5	16	4	7	10	1·3	0·8	72	Dull. ⌒ 17 h.
16	1010·8	1014·9	84·7	80·2	86	80	0·1	0·2	13·6	9·8	99	97	20	3	20	3	10●	0	4·2	0·9	76	● showers all day.
17	1022·0	1026·7	82·4	80·9	87	77	0·3	0·1	11·2	10·5	96	99	20	2	16	3	7	3	—	5·1	74	Fine.
18	1021·6	1023·0	85·5	81·1	*x* 90	81	0·3	0·1	13·9	10·5	96	99	20	3	20	2	10	3	3·8	—	76	Drizzle all day.
19	1022·3	1016·2	82·1	83·5	86	77	0·6	0·6	10·5	11·9	92	93	20	3	24	4	4	7	1·6	1·8	74	Mist over river 6 h. 30 m. ☈ 17 h. ╱ [22 h.
20	1002·7	992·8	84·6	79·7	86	76	0·5	1·7	12·9	7·5	94	77	24	5	24	7	10	6	4·3	0·8	74	●² showers all day.
21	998·6	1001·7	80·2	79·2	86	74	1·1	0·2	8·5	9·2	85	97	28	3	20	2	8	10●⁰	1·3	3·6	69	╱● showers.
22	1002·0	996·2	82·1	79·9	82	79	1·2	0·4	9·8	9·5	84	95	24	2	16	5	9	10●	5·7	0·4	79	Fair *a.* Dull *p.* ● *n.*
23	994·9	994·5	80·7	75·4	85	75	1·1	0·0	9·2	7·1	86	100	24	3	16	1	7	2	1·8	5·1	72	
24	992·2	994·5	75·5	74·1	83	72	0·0	0·0	7·5	6·8	100	100	8	1	Calm	0	5	0	0·3	3·6	70	Fog over river 9 h.
25	997·6	999·6	72·7	74·9	83	*n* 70	0·8	0·0	4·8	7·1	80	100	Calm	0	Calm	0	2⌴	0⋓≡⁴	6·4	4·4	67	
26	992·2	990·8	82·2	85·2	87	74	0·4	0·1	11·2	13·9	95	98	8	5	20	4	10●	10●⁰	5·6	—	71	☈ 8 h.
27	985·7	993·5	81·3	82·8	86	75	0·7	0·4	9·8	11·5	90	95	24	5	12	3	10●	10	3·2	2·0	71	╱ 11 h.
28	987·8	983·4	80·7	82·9	86	79	0·4	0·4	9·8	11·5	95	95	16	2	12	3	9●	10●	4·2	3·6	72	
29	989·1	986·1	81·9	80·8	86	80	0·8	0·7	10·2	9·5	90	92	20	3	16	2	3	10●	9·7	3·8	77	Clear *a.* Dull *p.*
30	981·3	994·5	80·2	80·4	83	78	1·1	0·5	8·5	9·5	85	92	16	3	28	2	8	1	2·0	0·4	74	Rainy day.
31	1011·5	1023·7	81·0	76·1	82	75	0·6	0·7	9·8	6·8	92	91	32	2	32	1	9	0	—	5·8	67	Fine.
Mean	1010·0	1010·8	82·0	80·9	86·1	76·9	0·8	0·4	10·4	10·3	89	94	2·5		3·0		6·5	5·4	70·4	3·39	73·4	
Mean Barometer at Station Level.	1008·2	1008·9																				

* Metres per second. † Beaufort Scale (0—12).

METEOROLOGICAL OFFICE, LONDON,
November 29th, 1912.

DEERNESS, ORKNEY, a.b.—NOVEMBER 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 49·7 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Pr. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 9 h.	Cloud 21 h.	Rain.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%					Tenths of Sky covered.		mm.	hr.	°	
1	1021·0	1022·0	75·4	74·9	78	74	1·1	1·0	6·1	5·8	83	84	26	9	30	10	7	3	0·6	0·7	—	✲▲ showers all *n.* and day.
2	1023·0	1024·7	75·8	76·8	77	75	1·3	2·6	6·1	5·1	80	65	30	8	30	9	3	10	—	2·9	—	✲▲ showers *a.* Very cold.
3	1025·0	1024·3	76·3	76·1	81	75	0·7	0·9	6·8	6·5	88	85	26	2	22	3	8	1	4·3	2·0	—	Fine.
4	1015·2	1008·1	79·1	81·4	82	75	0·2	0·1	9·2	10·9	98	99	18	5	—	1	10●	10≡●	7·6	—	—	● from 4 h. ≡ after 18 h.
5	1010·8	1013·5	81·7	81·9	83	81	0·2	0·1	11·2	11·2	99	99	—	0	16	5	10≡	10●	1·6	—	—	≡² *a.* Overcast.
6	1013·2	1016·9	82·0	80·8	82	80	0·2	0·3	11·2	10·2	98	97	20	6	22	5	10●⁰	10	0·5	—	—	●⁰ all *n.* and *a.*
7	1015·5	1013·2	81·7	82·2	83	81	0·2	0·0	10·9	11·5	98	100	16	4	26	4	10	10	3·8	—	—	≡⁰● 10 h.–19 h.
8	1018·9	1020·6	80·7	79·5	83	79	0·3	0·6	10·2	8·8	97	92	22	4	20	4	5	0	0·3	2·1	—	● showers *a.* Fine *p.*
9	1004·7	999·3	82·2	77·9	*x* 84	77	0·5	0·8	10·9	7·5	94	88	14	14	20	9	10	4	6·4	—	—	●⁰ 8 h. ● showers.
10	995·2	987·8	73·9	74·7	79	74	0·0	0·2	6·5	6·8	100	96	22	8	22	2	8✲	1	8·9	2·3	—	✲▲ showers *a.* ✲² 15 h.–17 [h. ⊠
11	992·2	996·9	76·7	77·8	79	75	0·8	1·5	7·1	6·8	88	80	26	9	32	12	6	3	4·3	1·6	—	● showers till 17 h.
12	1003·7	1006·4	76·5	78·9	79	76	0·9	1·8	6·8	7·1	86	76	30	17	32	12	6	7	0·6	0·5	—	╱ 3 h. and 11 h. ● showers.
13	1012·8	1014·5	79·2	77·8	80	78	1·3	1·1	7·8	7·1	82	85	32	13	30	9	2	2	—	1·0	—	Cloudy and cold.
14	1014·5	1014·2	78·5	81·1	81	77	0·7	0·1	8·2	10·5	91	99	30	5	26	6	10	10●⁰	0·3	—	—	Cloudy, with ● showers.
15	1016·9	1019·6	81·1	81·4	81	80	0·1	0·1	10·5	10·9	99	98	28	7	26	7	10●⁰	9●⁰	1·3	—	—	Drizzling ● *a.*, and all *p.*
16	1019·9	1014·5	80·0	78·9	82	79	0·0	0·7	10·2	8·5	100	90	24	3	18	5	9●⁰	10	1·3	—	—	Drizzling ● *a.* Mild *p.*
17	1010·1	1011·1	79·3	78·4	80	78	0·9	0·8	8·2	8·2	86	90	22	7	18	4	3	6	4·4	2·3	—	Bright *a.*
18	1012·8	1015·9	78·1	77·5	80	77	0·5	0·3	8·2	8·2	94	95	24	3	20	3	7	8	3·7	3·2	—	●² showers *a.* T 8 h. Fine *p.*
19	1002·0	998·9	78·9	78·8	80	77	1·1	1·0	7·8	7·8	85	86	24	9	26	13	3	9●	6·2	—	—	● showers all day.
20	1002·3	1009·8	77·4	78·2	80	77	0·9	1·1	7·5	7·5	87	85	28	13	26	12	10●	8●	1·9	—	—	● showers all *n.* and day.
21	1013·2	1013·2	79·5	82·9	83	78	0·6	1·1	8·8	10·5	92	87	18	6	20	8	10●⁰	9	1·0	—	—	Drizzling ● *a.* Red sunset.
22	1012·8	1012·8	82·8	81·2	*x* 84	81	0·5	0·6	11·2	10·2	94	93	20	6	22	6	9	1	—	—	—	Cloudy and mild.
23	1014·5	1004·0	80·0	80·7	82	80	1·1	0·6	8·5	9·8	85	93	18	6	14	8	2	10●	5·1	—	—	Cloudy. ● after. 19 h. 30 m.
24	1001·7	997·6	78·9	79·5	81	77	1·1	1·1	7·8	8·2	85	85	26	12	18	9	9●	10	7·6	—	—	● showers *n.* and *a.* ● 14 h.–17 h.
25	984·7	992·8	80·0	77·3	81	77	2·1	1·2	7·5	6·8	73	83	22	16	22	8	5	4	5·1	—	—	Overcast. ● showers *p.*
26	980·0	949·5	78·5	77·3	81	76	1·3	0·5	7·5	7·8	83	92	14	10	24	3	10●	4	9·4	—	—	●⁰ *a.* ●² 9 h.–14 h. ╱ 12 h.–13 h.
27	976·3	993·5	76·0	71·7	79	71	2·1	1·1	5·4	3·7	70	69	30	20	28	13	5	3	0·5	—	—	╱ 1 h.–12 h. ✲▲ showers from
28	1000·3	1000·3	71·1	69·0	74	69	1·1	1·8	3·4	1·7	66	39	28	8	26	4	4	1	4·6	—	—	⊠. ✲▲ showers *a.* ✲² *p.* [15 h.
29	998·6	998·9	69·0	70·6	71	*n* 67	0·5	0·6	3·4	4·1	75	80	—	1	22	5	3	5✲	1·3	1·5	—	⊠. ✲ *a.* Fine. ✲ after 20 h.
30	1000·0	1003·0	73·7	69·7	75	68	0·3	0·5	6·1	3·7	94	78	32	13	28	8	10✲	4	2·8	—	—	⊠. ✲ showers. Drifts of 18 ins.
Mean	1007·1	1006·6	78·1	77·8	80·2	76·3	0·8	0·8	8·0	7·8	88	86	8·1		6·9		7·1	6·1	95·4	0·67	—	
Mean Barometer at Station Level.	1000·9	1000·5																				

ABERDEEN, a.e.—NOVEMBER 1912.

Heights above Mean Sea Level:—Station, H = 14·0 m.; Barometer, H_b = 26·8 m. Heights above Ground:—Therms., h_t = 12·5 m.
Rain-gauge, h_r = 0·6 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Pr. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 10 h.	Cloud 10 h.	Rain 10 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
1	1024·7	1024·3	75·1	76·2	78	74	1·9	1·1	5·1	6·5	71	83	26	5	26	4	2	5	1·8	4·1	—	✲⁰ showers early *a.* ●⁰ *n.*
2	1024·7	1026·0	76·0	75·6	78	75	1·0	0·8	6·5	6·5	85	87	24	4	26	5	3	7	1·0	1·9	—	●⁰ showers *a.* ▲ midday.
3	1026·4	1025·4	76·1	73·5	79	72	1·4	1·3	6·1	4·8	78	76	26	4	—	1	8	0	3·1	0·5	—	Cloudy *a.* and *p.* Clear *n.*
4	1017·9	1009·8	76·1	80·6	81	72	0·5	0·3	7·1	9·8	92	97	—	1	—	1	10≡⁰●⁰	?10≡⁰●	9·4	—	—	≡¹ and intermittent ● all day.
5	1011·5	1015·9	81·8	82·5	83	80	0·0	0·2	11·2	11·5	100	97	—	1	16	3	10≡⁰●	10	0·5	—	—	≡¹●⁰ all day.
6	1016·9	1019·3	81·3	84·1	*x* 86	81	0·4	1·6	10·2	10·9	94	82	—	1	—	1	*10*≡	8	0·3	3·4	—	≡² *a.* Cloudy *p.* and *n.*
7	1018·3	1014·9	83·1	84·3	85	81	1·1	1·1	10·5	11·5	86	87	18	4	—	1	10●	10≡⁰	0·5	—	—	●⁰ showers *a.* ≡⁰ *n.*
8	1022·3	1024·0	82·2	80·7	85	79	2·0	1·8	8·8	8·2	76	77	—	1	20	2	3	5	0·8	1·0	—	Fair to cloudy.
9	1011·1	1004·7	82·9	78·0	84	78	0·4	1·6	11·5	6·8	95	78	16	6	22	2	10●	1	0·3	—	—	Squally, with ●⁰ *a.*
10	1000·6	987·8	76·1	75·9	79	75	1·4	1·2	6·1	6·1	79	82	22	3	26	9	6	8	4·3	0·1	—	⌴ *a.* ● *p.* and *n.* Squally *n.*
11	992·5	993·5	76·9	76·1	78	75	1·2	0·6	6·8	6·8	83	91	28	8	26	7	3	6	8·1	2·6	—	Squally, with ● showers.
12	1002·3	1003·7	76·5	77·4	79	76	0·9	0·7	6·8	7·5	86	90	28	10	28	7	6	7●	10·4	0·5	—	Squally, with ● showers.
13	1010·5	1013·5	78·4	78·5	80	77	1·1	1·8	7·8	6·8	86	77	32	8	28	6	7	8●	0·5	0·6	—	Squally, with ● showers.
14	1015·2	1016·6	78·9	81·4	82	77	2·2	1·3	6·8	9·2	72	83	28	5	26	5	10	10	—	—	—	Dull, with occasional ●⁰.
15	1018·6	1022·3	82·6	82·3	84	81	1·2	1·2	10·2	9·8	85	85	28	6	26	4	8	8	—	0·9	—	Cloudy.
16	1021·6	1016·6	80·3	80·5	82	79	1·1	0·4	8·5	9·8	85	95	26	2	—	1	9	10●⁰	0·5	—	—	∞⁰●⁰ *p.*
17	1014·2	1014·9	77·3	76·1	81	75	0·9	1·1	7·1	6·5	87	82	24	2	—	1	1	0∞	—	4·6	—	●⁰ shower early *a.* ∞⁰ *n.* [m.
18	1016·2	1018·6	75·7	76·3	80	74	1·1	0·9	6·1	6·8	84	88	24	2	24	2	4	0	—	3·0	—	⌴ *a.* Lovely afterglow 16 h. 15
19	1008·4	1005·0	77·6	79·2	81	75	1·1	2·1	7·1	6·8	85	72	20	2	24	7	4∞	1	—	2·4	—	∞⁰ *a.* Fair to bright. Squally *n.*
20	1007·8	1012·5	79·0	78·9	80	79	2·5	2·2	6·5	6·8	68	72	26	10	26	9	2	1	1·0	4·0	—	Bright, but squally.
21	1017·2	1018·9	78·6	82·5	84	78	0·5	1·3	8·5	9·8	93	84	22	2	20	4	10≡⁰●⁰	6	—	—	—	≡⁰●⁰ showers *a.* Fine sunset.
22	1017·9	1016·2	83·9	83·7	85	81	1·5	1·4	10·9	10·5	82	83	22	6	20	5	2	8	—	2·0	—	Fair to cloudy.
23	1017·6	1007·1	77·3	82·3	84	77	0·4	0·4	7·8	11·2	94	94	26	2	18	4	1≡⁰	10≡⁰	—	0·3	—	Fair to cloudy.
24	1007·1	1004·0	79·6	80·0	82	79	2·4	1·7	6·8	7·8	70	78	22	3	16	3	1	10	1·5	1·7	—	Fair *a.* Fine and clear *p.* ⋓ *n.*
25	992·5	998·3	79·0	77·3	83	76	1·6	1·9	7·5	6·1	78	73	20	3	20	3	4	0	8·6	3·5	—	Squally, with ● *a.*
26	981·0	960·3	77·6	79·2	82	76	0·8	2·7	7·5	6·5	87	66	14	10	20	14	10●	10	12·2	—	—	● *a.* ╱
27	980·3	996·9	77·3	72·9	79	71	2·0	1·0	6·1	4·8	72	77	26	11	26	11	10	1	0·5	0·1	—	Squally, with ● *a.* ✲⁰ *n.*
28	1004·0	1002·3	70·6	68·9	73	67	1·1	1·1	3·1	2·4	62	56	24	3	—	1	1	1	—	4·9	—	✲⁰ showers *a.*
29	999·3	1001·7	67·0	69·0	71	*n* 66	0·9	1·6	2·1	2·1	57	43	24	2	26	3	1	1	—	3·4	—	Bright, but very cold.
30	1001·7	1003·3	70·3	70·0	74	69	1·5	0·7	2·4	3·7	50	75	24	3	30	5	1	0	14·2	0·8	—	✲ 12 h.–18 h. ⊠ 8 ins. deep.
Mean	1019·8	1019·2	77·8	78·1	80·7	75·8	1·2	1·2	7·3	7·5	81	80	4·3		4·4		5·6	5·4	79·5	1·54	—	
Mean Barometer at Station Level.	1006·6	1005·8																				

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.
* Metres per second.

Wt. 39026—250—12/12.—N. & Co., Ltd. Gp. XV.

FORT WILLIAM, INVERNESS-SHIRE, a.—NOVEMBER 1912.

Heights above Mean Sea Level:—Station, H = 52·1 m.; Barometer, H_b = 11·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or *Velocity* (*metres per second.*) 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+	200+	200+	200+	°	°	millibar.		%	%	†	†	Tenths of Sky covered.		mm.	hr.	°	
1	1027·1	1026·7	75·8	78·0	80	73	1·4	1·2	5·8	7·1	79	83	Calm 0	28 4	6	10●	1·3	—	—	Fine and sunny *a.* ●⁰ *p.*
2	1025·4	1027·1	78·2	75·7	81	75	1·3	1·0	7·1	6·1	82	85	16 1	Calm 0	8●⁰	4	—	—	—	Fine. Snow showers on hills *p.*
3	1027·1	1023·3	73·4	75·6	78	72	1·4	1·4	4·8	5·8	73	78	Calm 0	Calm 0	1	10	1·3	—	—	Clear and sunny.
4	1017·6	1009·4	78·4	83·0	83	75	0·4	0·1	8·5	12·2	94	99	Calm 0	Calm 0	10≡⁰	10≡⁰	10·4	—	—	≡⁰●⁰ all day.
5	1012·1	1016·2	82·5	82·5	x 85	82	0·1	0·3	11·9	11·5	99	96	Calm 0	20 2	10≡	10≡	0·8	—	—	≡
6	1017·9	1019·9	82·4	82·8	84	82	0·4	0·5	11·2	11·2	94	94	20 4	20 3	10≡	10≡	5·6	—	—	≡ at times.
7	1017·2	1016·9	83·0	84·4	x 85	82	0·1	0·4	12·2	12·9	99	95	20 3	20 3	10≡⁰●	10≡●	21·6	—	—	●≡ all day.
8	1022·7	1022·7	81·7	80·7	x 85	81	1·1	0·9	9·5	9·2	85	88	20 2	20 2	10	10●⁰	6·4	—	—	Fair generally.
9	1009·1	1005·0	83·7	78·6	84	78	0·9	1·2	11·5	7·5	90	84	20 6	20 4	10●≡⁰	8●<	18·3	—	—	Squally with ●⁰≡⁰.
10	1000·6	992·2	76·8	75·8	79	75	0·7	0·8	7·1	6·5	90	88	20 4	24 3	10●≡⁰	6●⁰	15·2	—	—	●≡⁰ all day.
11	997·6	1001·7	76·3	76·3	79	75	1·1	0·7	6·5	6·8	82	88	Calm 0	24 3	9●⁰	10●	8·4	—	—	Showery throughout.
12	1009·4	1009·8	75·8	76·3	78	75	0·6	1·4	6·8	6·1	90	78	4 3	Calm 0	10●⁰	10●⁰	0·8	—	—	Fair generally. ✻⁰ *p.*
13	1015·9	1017·6	79·1	75·0	80	75	2·8	1·0	6·1	5·8	66	84	4 4	8 1	6	1	—	—	—	Sunny intervals.
14	1017·2	1019·6	74·7	81·3	81	73	0·6	1·3	6·1	9·2	90	83	4 2	Calm 0	2	10	—	—	—	Snny intervals.
15	1021·0	1023·3	82·6	81·8	x 85	81	1·3	0·8	9·8	10·2	84	89	Calm 0	4 1	10	10	—	—	—	Sunny.
16	1022·0	1016·9	78·7	79·7	82	78	0·3	0·6	8·8	9·2	96	92	Calm 0	20 2	10	10	2·8	—	—	Sunny.
17	1014·9	1014·9	78·6	76·9	80	77	1·1	0·6	7·8	7·5	86	92	22 2	20 2	7	4	3·1	—	—	● showers. Sunny intervals.
18	1016·2	1019·6	78·6	77·4	80	76	0·6	0·7	8·5	7·5	92	90	20 1	20 1	7≡	9	7·1	—	—	Fair but dull.
19	1010·8	1010·8	80·4	79·1	81	77	2·4	1·7	7·1	7·5	70	78	20 3	26 4	8●⁰	6●⁰	14·7	—	—	●△ showers.
20	1013·5	1016·6	80·1	80·4	81	78	2·7	2·4	6·8	7·1	67	70	24 4	24 4	9●⁰	3	2·3	—	—	Bleak and showery.
21	1017·9	1019·3	81·3	83·6	84	79	0·1	0·8	10·9	11·5	99	90	20 3	20 4	10≡⁰●⁰	10≡⁰●⁰	4·8	—	—	Muggy with ●⁰≡⁰.
22	1018·6	1016·9	83·5	83·5	84	82	0·7	0·5	11·5	11·9	91	94	20 5	20 3	10≡⁰●	10≡⁰●	8·4	—	—	Muggy with ●⁰≡⁰.
23	1017·6	1008·8	78·6	81·3	84	78	0·6	1·8	8·5	8·5	92	77	20 2	20 4	3	10●⁰	12·7	—	—	Fine *a.* ●⁰≡⁰ *p.*
24	1010·1	1003·3	78·6	82·9	83	79	0·7	1·5	8·2	9·8	91	82	20 4	26 5	10≡⁰●	10≡⁰●	33·8	—	—	●≡⁰ all day
25	994·5	999·3	79·1	78·0	83	77	1·7	1·1	7·5	7·5	79	84	24 4	20 3	10●⁰	10●⁰	19·0	—	—	Showery. Snow on hills.
26	969·5	972·2	79·1	76·8	84	77	1·6	1·1	7·5	6·8	79	85	16 6	26 6	10	10	26·7	—	—	/●²
27	987·4	1001·3	76·3	72·0	78	71	1·6	1·2	5·8	3·7	76	68	4 3	Calm 0	4	6	1·3	—	—	Fair to fine. ✻ in evening.
28	1005·0	1002·3	66·5	65·8	72	65	0·2	0·5	3·4	2·7	88	74	Calm 0	8 2	0	0	—	—	—	Clear and sunny.
29	1000·6	1003·3	64·1	63·8	67	*n* 62	0·4	0·2	2·4	2·7	73	90	4 1	Calm 0	3	0	1·3	—	—	Clear and sunny. ✻
30	1004·4	1006·7	67·8	70·1	74	*n* 62	0·4	1·0	3·4	3·1	80	65	Calm 0	8 2	10	0	—	—	—	Clear and frosty. ⊠
Mean	1011·4	1011·4	77·8	77·9	80·7	75·8	1·0	1·0	7·7	7·8	85	85	2·2	2·3	7·8	7·6	228·1	—	—	
Mean Barometer at Station Level.	1009·9	1010·0																		

DUNDEE, FORFARSHIRE, c.d.—NOVEMBER 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 50 m. Heights above Ground:—Therms., h_t = 1·16 m.; Rain-gauge, h_r = 0·3 m. Lat. 56° 28′ N. Long. 2° 56′ W. *Time*, Greenwich mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. Wet 9 h.	21 h.	Vap. Pr. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. †	Wind 21 h. †	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1026·7	1025·7	74·7	76·9	79	72	1·1	1·1	5·4	6·8	80	84	28 1	24 3	5	10	—	—	—	Cloud and sunshine till 16 h.
2	1025·4	1027·4	76·7	74·7	79	74	0·6	0·6	7·1	6·1	92	90	24 1	32 1	10	10	—	—	—	Dull till 10 h. and after 15 h.
3	1027·4	1025·4	74·4	73·2	80	72	0·7	0·3	5·8	5·8	86	93	20 1	24 1	10	3	2·0	—	—	Dull till 10 h., then fine.
4	1019·3	1010·5	76·8	81·6	82	72	0·2	0·2	7·8	10·9	97	97	20 1	20 1	10	10	1·0	—	—	● till 7 h. Dull. ≡⁰
5	1012·1	1015·9	81·3	82·0	84	80	0·2	0·2	10·5	11·2	97	98	24 1	12 1	10≡⁰	10≡⁰	—	—	—	● *n.* Dull with ≡⁰.
6	1017·9	1020·6	82·4	82·5	84	81	0·5	0·8	10·9	10·5	93	90	20 3	20 3	7	10	—	—	—	Cloud and sunshine till 15 h., [then dull.
7	1019·6	1016·9	83·1	85·0	x 86	80	0·5	0·8	11·5	12·6	94	90	20 3	20 5	10	10	—	—	—	Dull and cloudy.
8	1023·7	1025·4	76·3	77·4	x 86	77	1·1	0·1	6·5	8·2	83	98	24 1	24 1	10	10	0·5	—	—	Dull and cloudy till 11 h. and [after 16 h.
9	1012·5	1005·7	82·8	78·0	84	76	0·5	1·0	11·2	7·5	94	86	20 3	20 3	10●	10	3·1	—	—	● 8 h.–13 h.
10	1002·3	990·5	76·9	75·8	80	76	0·7	1·1	7·1	6·1	90	83	24 1	24 1	5	10	2·5	—	—	● 14 h. 30 m.–17 h.
11	994·9	996·6	75·8	76·3	79	74	1·0	1·2	6·5	6·5	85	82	28 1	28 3	5	5	4·1	—	—	Cloud and sunshine till 13 h., [then dull.
12	1003·7	1005·7	76·9	75·2	78	75	1·1	0·8	6·8	6·1	84	87	32 8	28 3	7	5	—	—	—	/ till 17 h. Cloud and sunshine.
13	1010·8	1014·9	78·0	77·7	79	75	1·0	2·2	7·5	6·1	86	70	32 8	28 2	10	5	—	—	—	/ till 11 h. Cloud and sunshine.
14	1015·2	1017·6	77·6	80·3	81	73	1·2	1·2	7·1	8·5	84	84	32 3	28 1	5	10	—	—	—	Cloud and sunshine.
15	1019·3	1021·6	81·3	79·4	85	79	0·8	0·5	9·8	8·8	90	92	20 1	12 1	10	10	0·5	—	—	Dull till 11 h. and after 15 h.
16	1021·6	1017·6	79·7	79·1	81	79	0·1	0·2	9·5	9·2	98	96	16 1	20 1	10●	10	0·5	—	—	● 8 h.–9 h. ≡⁰
17	1015·5	1015·5	77·9	75·9	81	76	0·4	0·2	8·2	7·1	96	96	24 1	24 1	5	7	—	—	—	Cloud and sunshine till 16 h.
18	1017·6	1019·9	73·8	75·0	80	72	0·0	0·4	6·5	6·8	100	95	24 1	28 1	5≡⁰	5	0·3	—	—	≡⁰, then sunshine.
19	1010·1	1008·1	79·0	78·1	81	72	1·0	1·2	8·2	7·1	86	83	28 1	20 1	10	10	—	—	—	Fine 10 h.–15 h.
20	1010·1	1014·5	78·3	78·2	80	77	1·4	1·3	7·1	7·1	81	82	24 5	28 3	3	10	—	—	—	Cloud and sunshine.
21	1018·3	1019·9	78·6	83·0	85	77	0·5	1·0	8·5	10·5	94	87	28 1	20 1	10	10	—	—	—	Dull till 10 h. and after 15 h.
22	1020·3	1018·3	82·4	82·9	85	82	0·5	0·9	10·9	10·9	93	88	20 5	24 3	10	10	—	—	—	Fine 12 h.–15 h.
23	1018·9	1009·1	82·0	80·1	84	81	0·6	0·8	10·5	8·8	93	88	24 1	12 1	5	10	0·3	—	—	Cloud and sunshine till 15 h.
24	1010·5	1006·1	78·9	80·3	82	78	1·5	0·9	7·5	8·8	80	88	20 3	20 5	5	10	23·1	—	—	Fine till 12 h. Dull.
25	995·2	1000·0	77·4	77·3	82	77	0·5	1·0	7·8	7·1	92	86	20 3	20 5	10	5	6·4	—	—	● *n.* and till 8 h.
26	979·6	973·6	77·5	77·5	82	77	0·1	1·4	8·5	6·8	98	79	12 5	20 8	10●	10	4·3	—	—	● 7 h.–12 h. / *p.*
27	984·7	1000·0	76·3	72·4	81	72	0·5	0·5	7·1	5·1	91	85	28 5	28 1	10	5	—	—	—	Cloud and sunshine 12 h.–16 h.
28	1005·7	1001·7	69·7	69·7	74	69	0·6	0·5	3·7	3·7	76	80	24 1	28 1	0	10	—	—	—	⌴. Mostly clear.
29	1000·3	1003·3	66·7	67·2	71	*n* 65	0·3	0·0	3·4	4·1	88	100	24 1	28 1	3≡⁰	5	—	—	—	⌴≡⁰ *a.* Sunny 10 h.–15 h.
30	1003·3	1005·4	67·7	70·2	74	66	0·2	0·2	3·7	4·4	92	91	24 1	28 1	5≡⁰	0	—	—	—	⌴≡⁰ *a.* Sunny.
Mean	1011·4	1011·1	77·4	77·4	80·9	75·2	0·6	0·8	7·7	7·7	90	88	2·4	2·1	7·5	8·2	48·6	—	—	
Mean Barometer at Station Level.	1005·2	1004·9																		

† Beaufort Scale (0—12).

GLASGOW, LANARKSHIRE, a.—NOVEMBER 1912.

Heights above Mean Sea Level:—Station, H = 54 9 m.; Barometer, H_b = 56·1 m. Heights above Ground:—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 55° 53′ N. Long. 4° 18′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or *Velocity* (*metres per second.*) 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+	200+	200+	200+	°	°	millibar.		%	%	*	*	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1028·1	1027·4	75·2	77·1	79	73	0·9	1·1	6·1	6·8	86	84	— 1	24 2	8⌴	5	—	2·8	66	Cloudy. Fine afternoon.
2	1026·4	1027·1	78·1	77·1	81	76	1·2	0·7	7·1	7·5	83	90	— 1	— 0	7	10●	—	1·1	71	Dull and cloudy.
3	1027·7	1025·0	76·8	77·1	79	76	1·7	1·4	6·1	6·5	76	81	— 1	— 1	10∞	10∞	—	—	74	Dull and overcast.
4	1018·6	1010·1	82·3	83·6	84	77	0·9	0·1	10·2	12·6	88	99	22 3	20 2	10∞	10●	5·3	—	76	Dull and overcast.
5	1011·5	1016·2	83·5	82·7	x 86	83	0·0	0·5	12·6	11·2	100	93	— 1	24 2	9	10	—	—	81	Dull and overcast.
6	1019·3	1021·6	83·0	83·2	85	82	0·6	0·8	11·2	11·2	92	91	22 5	22 3	7	10	—	0·6	81	Dull and overcast.
7	1020·3	1018·3	84·0	85·2	x 86	83	0·8	0·4	11·9	13·2	89	95	20 4	24 7	10	10●⁰	3·1	—	82	Dull and overcast. ● *p.*
8	1024·3	1024·0	82·6	82·2	85	82	1·2	0·9	10·2	10·2	85	89	26 2	— 1	10	10	6·1	0·1	80	Dull and overcast.
9	1013·5	1007·1	83·2	79·1	84	79	0·7	1·1	11·5	8·2	92	85	20 6	24 6	10●	3	9·6	—	79	● 5 h.–17 h.
10	1003·0	992·8	77·9	76·4	80	76	0·6	1·1	7·8	6·5	91	84	22 4	26 6	10●	10●	7·8	0·1	75	Overcast. ● 2 h.–18 h.
11	996·6	1000·3	77·0	76·3	79	75	1·7	1·1	6·1	6·5	77	82	28 4	26 4	9	2	—	—	74	Dull till 18 h.
12	1006·7	1008·4	77·4	75·5	79	76	2·2	1·5	5·8	5·8	69	77	30 2	30 3	8	1	—	—	73	Dull.
13	1011·5	1015·9	79·4	78·0	81	75	3·0	2·8	6·1	5·4	63	64	32 6	32 4	3	4	—	0·9	71	Cloudy.
14	1016·9	1018·9	75·2	81·0	81	75	0·7	1·0	6·5	9·2	88	88	— 1	28 3	6⌴	7	0·3	0·2	67	Cloudy.
15	1019·9	1022·0	82·4	81·2	85	81	0·9	0·5	10·5	10·2	88	94	26 2	— 1	10	10	0·2	0·8	79	Cloudy.
16	1022·0	1017·9	80·6	79·9	82	80	1·4	1·0	8·5	8·5	82	86	— 1	24 2	10	10	0·7	—	76	Dull and overcast.
17	1016·6	1015·9	79·6	77·7	81	78	0·9	0·7	8·5	7·5	86	90	24 2	— 1	6	5	0·5	0·5	73	Dull and cloudy.
18	1018·3	1020·3	77·0	76·6	81	76	0·2	0·6	8·2	7·1	98	91	— 1	— 1	7≡⁰⌴	4	0·7	2·2	71	Dull. Bright intervals.
19	1012·5	1011·1	80·2	79·2	81	76	1·5	1·6	8·2	7·5	79	79	24 6	22 9	10	6	3·8	0·5	71	Dull, with ● showers.
20	1013·5	1016·6	79·8	80·4	81	79	1·8	2·3	7·5	7·1	76	71	26 4	26 4	6	7	0·1	—	77	Overcast.
21	1018·9	1021·6	82·9	84·1	84	80	0·5	1·6	11·5	10·5	94	82	24 3	22 6	10	10	—	0·3	77	Dull and overcast.
22	1021·6	1018·6	83·5	82·9	84	82	1·1	0·5	11·2	11·5	87	94	20 5	20 6	10	10●	3·0	0·4	82	Overcast. Squally *p.*
23	1018·6	1010·8	81·8	81·2	84	81	0·5	0·9	10·5	9·5	94	89	— 1	22 6	9∞	10●	4·7	—	79	●⁰ early *a.* Overcast.
24	1013·2	1007·8	79·8	82·7	83	79	1·2	0·9	8·2	10·5	83	89	22 6	22 8	10●⁰	10	37·3	—	76	Dull. ● 10 h.–noon.
25	996·9	1001·7	78·7	78·4	83	78	0·6	1·4	8·5	7·1	92	81	22 5	22 5	10	6Ш	15·4	0·6	77	●² till 8 h. Overcast.
26	972·5	975·2	82·9	78·1	84	77	0·9	2·5	10·5	5·8	88	67	18 11	24 9	10	8Ш	3·8	—	75	● 5 h.–8 h. Overcast.
27	986·4	1001·0	76·0	73·6	78	74	0·6	1·2	6·8	5·1	92	78	24 2	28 2	8	6	—	0·7	74	Cloudy, with ● showers.
28	1005·7	1001·0	71·2	71·7	74	70	0·5	0·9	4·4	4·1	84	74	— 1	4 3	8≡⁰⌴	9≡⁰	—	—	63	Dull.
29	998·9	1002·7	69·1	68·3	72	69	0·4	0·0	3·4	4·4	77	100	— 1	— 1	9⌴∞	10⌴	—	0·2	62	Dull, with ∞. ≡ evening.
30	1004·4	1006·1	68·5	71·0	75	*n* 66	0·5	0·7	3·4	4·1	78	78	— 1	— 1	8⌴≡⁰	8⌴∞	—	0·3	*n* 61	Dull.
Mean	1012·1	1012·1	79·0	78·8	81·3	77·1	1·0	1·1	8·3	8·1	85	85	3·1	3·6	8·6	7·7	102·4	0·41	74·1	
Mean Barometer at Station Level.	1005·2	1005·2																		

COCKLE PARK (NEAR MORPETH), NORTHUMBERLAND.—NOVEMBER 1912.

Heights above Mean Sea Level:—Station, H = 98·7 m.; Barometer, H_b = 100·8 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 55° 13′ N. Long. 1° 41′ W. *Time*, Local mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	21 h.	Max.	Min.	Dep. Wet 9 h.	21 h.	Vap. Pr. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. †	Wind 21 h. †	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1026·4	1026·4	72·9	75·1	78	72	0·8	1·4	4·8	5·4	79	77	28 3	28 4	3	1	—	7·3	71	Fine and frosty.
2	1025·0	1026·4	76·2	76·1	80	75	1·2	1·9	6·5	5·4	82	73	28 3	28 2	7	7	—	1·6	71	Cloudy.
3	1027·1	1026·4	76·0	75·1	79	72	2·1	2·0	5·4	5·1	70	70	28 2	24 2	8	8	0·8	2·8	71	Fine.
4	1021·6	1012·5	78·3	82·9	84	74	1·1	0·4	7·5	11·5	86	95	24 2	24 2	8	10	4·3	—	69	Dull. ● evening.
5	1010·1	1017·6	81·6	81·8	84	80	0·3	0·1	10·5	11·2	95	99	28 1	Calm 0	9	10	0·5	—	77	Dull. ● *n.*
6	1019·3	1023·3	82·1	81·7	84	81	0·7	1·0	10·5	9·8	91	87	24 3	24 3	7	9	—	0·1	80	●⁰ *n.* Dull.
7	1023·0	1019·3	83·4	85·6	x 86	80	1·1	0·8	10·9	12·9	88	90	24 2	24 4	9	8	0·5	—	78	Dull. ● showers *p.*
8	1023·3	1025·7	84·3	82·3	x 86	82	0·9	0·6	11·9	10·9	88	91	24 2	24 1	7	8	0·8	—	82	Dull.
9	1016·9	1009·4	82·7	80·5	84	80	0·7	1·0	10·9	8·8	90	86	24 2	24 2	10	10	1·3	—	77	● showers *n.* and *a.* Dull.
10	1006·4	989·8	78·6	76·8	81	76	1·4	1·8	7·5	6·1	82	75	28 4	28 6	7	1	3·1	0·2	75	● showers.
11	991·2	996·6	76·6	75·7	79	75	1·8	1·9	5·8	5·4	73	71	32 5	24 5	6	1	8·4	1·7	73	Cloudy.
12	999·6	1003·0	75·3	75·6	77	74	0·0	1·0	7·1	6·1	99	84	32 5	28 6	10	8	14·0	—	72	Overcast.
13	1005·4	1011·1	77·4	78·2	82	75	0·6	0·8	7·5	7·8	91	89	4 5	32 6	6	8	5·8	0·5	74	●² showers.
14	1014·2	1018·3	77·0	79·0	82	76	1·3	1·2	6·8	7·8	82	84	32 4	24 2	7	10	0·5	0·2	74	●⁰ showers.
15	1019·3	1021·6	81·0	82·5	84	79	1·0	1·0	9·2	10·2	88	87	24 1	Calm 0	8	8	—	—	75	Dull and mild.
16	1022·3	1018·9	81·3	79·1	82	79	0·3	0·7	10·5	8·5	96	91	24 2	24 1	10	10	—	—	80	Overcast.
17	1017·2	1017·6	80·5	75·6	81	75	1·2	0·3	8·8	7·1	85	97	24 3	24 2	2	3	—	5·5	77	Fine.
18	1017·9	1016·9	75·1	74·5	80	73	0·2	0·5	6·8	6·1	97	92	24 3	24 1	1	1	0·3	3·1	71	Fine.
19	*1012·1*	1010·1	79·6	78·8	80	73	0·8	0·7	8·8	8·2	89	91	24 2	24 5	5	0	0·5	1·6	71	● showers.
20	1011·5	1016·9	78·5	77·5	80	76	1·0	1·0	7·8	7·1	88	86	24 5	24 4	4	2	0·5	0·8	75	Cloudy.
21	1019·6	1022·0	82·4	82·3	84	77	0·3	0·5	11·2	10·9	96	94	20 1	Calm 0	10	7	0·3	—	74	●⁰ showers.
22	1021·3	1021·6	82·1	82·2	84	80	0·8	1·1	10·2	9·8	90	86	24 4	24 3	3	7	—	3·3	78	Fine.
23	1020·3	1011·1	82·4	83·1	85	82	0·5	1·1	10·9	10·5	94	86	24 1	24 4	7	8	1·0	2·1	75	● showers afternoon.
24	1013·5	1010·1	79·1	82·6	84	77	1·0	1·2	8·2	10·2	86	85	24 5	24 4	3	8	1·3	0·5	76	Cloudy.
25	996·9	1003·7	82·0	77·2	83	76	0·7	0·8	10·5	7·5	92	89	24 6	24 2	10	3	2·3	0·6	77	Cloudy.
26	985·4	974·9	77·8	76·0	84	75	0·0	1·1	8·5	6·5	100	84	16 4	24 6	10	2	2·0	—	74	● showers.
27	985·4	1000·3	74·8	72·5	76	72	0·3	1·1	6·8	4·4	95	73	24 4	32 2	10	4	0·3	—	73	Cloudy.
28	1006·7	1000·3	69·9	72·0	73	68	0·9	0·5	3·4	5·1	68	86	28 2	28 2	4	10✻	5·8	—	66	✻ 14 h.
29	997·6	1000·3	69·3	67·5	72	67	0·6	0·9	3·4	2·4	74	58	28 1	28 2	4	2	—	4·3	68	⊠ *a.* ✻ past *n.* Fine.
30	1003·7	1002·3	67·7	72·0	72	*n* 64	0·9	0·6	2·4	4·8	57	83	28 2	32 3	3	5	—	1·4	*n* 61	Cloudy.
Mean	1012·0	1011·8	78·2	78·1	81·0	77·1	0·8	1·0	8·0	7·8	86	85	3·0	2·9	6·6	6·0	54·3	1·25	73·8	
Mean Barometer at Station Level.	999·6	999·4																		

* Metres per second.

† Beaufort Scale (0—12).

Douglas, Isle of Man, a.—November 1912.

Heights above Mean Sea Level:—Station, H = 84·5 m.; Barometer, H_b = 86·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·25 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or *Velocity* (*metres per second*). 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†	†	Tenths of Sky covered.		mm.	hr.	200 + °	
1	1028·4	1030·1	75·8	77·3	79	74	1·1	1·5	6·1	6·5	83	78	26 1	26 1	3	10	0·6	2·5	70	⌴. ~. Dull from 11 h. ✱●
2	1028·1	1027·4	78·9	75·2	81	75	2·0	1·1	6·8	6·1	74	82	26 2	30 1	4	0∞	—	7·4	73	⌴. Fine. [(sleet) after 16 h.
3	1026·7	1026·0	78·7	81·0	81	75	1·3	2·2	7·5	7·8	84	73	2 1	16 1	3	10	1·0	3·7	71	⌴. Fine.
4	1022·0	1013·5	83·1	83·1	84	81	0·1	0·1	12·2	12·2	99	99	20 3	20 6	10≡●	10●	34·2	—	75	≡ most of day. ●² after 16 h.
5	*1011·5*	1018·6	83·9	82·7	x85	82	0·2	0·4	12·6	11·5	97	95	28 2	28 1	4	10	0·3	1·1	82	≡. Cloudy.
6	1022·0	1024·7	83·0	82·1	83	82	0·4	0·7	11·5	10·5	95	91	26 1	26 1	10	10	0·4	—	80	Overcast.
7	1024·3	1025·0	84·3	84·9	x85	82	0·2	0·4	12·9	13·2	97	96	20 2	22 4	9	10	1·9	—	81	Overcast, with ≡.
8	1025·7	1025·4	84·3	83·6	x85	83	0·1	0·1	13·2	12·6	98	99	22 2	28 1	10	10≡●	7·6	—	83	Overcast, with ≡● showers.
9	1018·6	1012·5	83·1	80·6	84	80	0·7	1·5	11·2	8·5	92	81	20 4	24 3	8	4	6·5	0·1	81	Squally *a*. ≡ 11 h.-17 h. /
10	1009·1	998·3	80·4	78·4	83	78	1·3	1·5	8·5	7·1	83	80	22 5	26 10	10●	7	22·7	—	77	Overcast, with ● showers.
11	998·6	1002·0	77·4	78·4	80	76	0·8	2·2	7·5	6·5	88	73	26 7	28 10	10	1	0·9	—	74	▲ *a*. /
12	1006·4	1009·1	79·0	76·6	80	76	1·9	1·5	7·1	6·1	76	78	30 6	30 6	8	0	—	3·2	75	Cloudy, with ▲● showers.
13	1010·5	1015·9	79·7	78·9	81	76	2·6	2·0	6·5	6·8	67	74	32 6	32 3	2	0	—	3·0	74	Fine, but squally.
14	1017·6	1020·3	77·4	81·9	82	76	1·3	1·0	6·8	9·8	81	87	30 1	28 2	2	10	—	4·9	71	Fine. Cloudy from 18 h.
15	1020·6	1023·0	82·7	82·6	84	81	0·5	0·4	11·2	11·2	93	95	26 2	30 2	10	10	—	0·1	74	Dull and overcast.
16	1023·0	1020·3	81·3	80·2	83	79	0·5	1·0	10·2	8·8	93	86	28 2	24 1	8	10	0·3	0·2	76	Dull and mild.
17	1019·6	1017·9	79·7	79·9	82	79	0·8	0·3	8·8	9·5	89	97	24 2	26 1	1	6	2·1	5·8	76	Fine till 17 h. ●✱ showers.
18	1019·9	1021·6	78·7	79·3	82	77	0·3	0·2	8·8	9·2	95	97	28 1	26 2	4	3	3·6	4·0	72	⌴ *a*. ✱● (sleet) ▲.
19	1017·9	1016·2	81·3	80·8	82	77	1·5	1·5	8·8	8·5	80	81	26 5	26 7	8	8	0·8	2·7	75	✱● (sleet) ▲ showers.
20	1017·6	1019·9	80·3	80·9	82	79	1·5	0·9	8·2	9·5	79	89	26 7	20 1	7	8	0·3	0·2	77	▲ *a*. ●⁰ 17 h.
21	1022·0	1025·0	83·6	83·6	x85	81	0·1	0·6	12·6	11·9	99	93	24 3	24 3	10●≡⁰	4	0·5	0·1	79	● showers *a*. Dull.
22	1025·4	1023·7	83·6	83·4	x85	81	1·2	0·8	10·9	11·5	86	91	22 4	20 3	10	10	5·1	1·2	78	Squally and cloudy.
23	1021·3	1014·9	83·2	83·0	84	82	0·0	0·0	12·6	12·2	100	100	20 3	22 3	10≡●	10≡●	3·6	—	80	Overcast, with ≡.
24	1019·3	1015·5	79·7	83·2	84	80	1·0	0·5	8·5	11·5	86	94	24 5	22 6	3	10	3·1	2·6	77	Squally. ● 15 h.
25	1002·0	1007·4	79·7	78·7	84	79	0·4	1·1	9·2	7·8	95	86	24 6	22 2	10●▲	2	6·5	2·6	78	▲ showers before 11 h.
26	981·7	983·7	83·7	77·4	84	77	0·7	1·6	11·9	6·5	92	76	20 10	26 8	10	10	2·8	1·3	76	/●▲ showers.
27	989·1	1002·7	75·8	74·1	79	74	1·1	0·6	6·1	5·8	83	87	24 2	30 2	8	10✱	3·9	—	73	⌴. Dull and cold. ▲ *p*. ⊠
28	1006·4	998·3	73·6	75·0	76	72	0·0	0·3	6·5	6·8	100	95	28 1	4 2	10✱	10✱	5·6	—	69	⊠ ~. Dull, with ✱ showers.
29	997·2	1001·3	74·0	72·4	75	72	1·6	0·5	4·8	5·1	72	85	4 2	4 2	0~	0~	—	6·2	71	⊠. Cold and frosty.
30	1005·7	1006·4	71·9	73·9	77	*n* 70	0·6	0·9	4·8	5·4	83	83	30 2	32 2	6	2~	4·8	2·3	*n* 66	⊠. ✱▲ noon-18 h. ~
Mean	1014·6	1014·9	80·1	79·8	82·0	77·9	0·9	0·9	9·1	8·9	88	87	3·3	3·2	6·9	6·8	119·1	1·84	75·5	
Mean Barometer at Station Level.	1004·0	1004·2																		

Stonyhurst, Lancashire, a.—November 1912.

Heights above Mean Sea Level:—Station, H = 114·3 m.; Barometer, H_b = 110·6 m. Heights above Ground:—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 53° 51′ N. Long. 2° 28′ W. *Time*, Local mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	Dep. of Wet 21 h.	Vap. Pr. 9 h.	Vap. Pr. 21 h.	% 9 h.	% 21 h.	Wind 9 h.	Wind 21 h.	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
													*	*						
1	1028·7	1029·4	75·5	76·9	79	70	1·4	1·1	5·8	6·8	78	84	— 1	28 2	10	0	1·0	4·7	67	⌴. Fine day. Clear *n*.
2	1027·7	1027·1	77·4	79·1	80	73	1·1	1·1	7·1	7·8	84	84	26 5	26 2	10	8	0·3	0·1	69	▲● 7 h. Cloudy.
3	1027·7	1027·7	77·0	78·3	79	75	1·2	1·7	6·8	6·8	82	78	— 0	— 1	4	3	0·3	0·6	71	Cloudy.
4	1024·0	1016·2	78·6	81·3	82	74	1·2	0·7	7·8	9·8	85	91	— 1	20 3	10≡⁰	10≡⁰●²	25·9	—	70	⌴. ≡⁰ ● 14 h.-midt.
5	1010·5	1017·9	81·9	83·7	85	81	0·6	0·8	10·5	11·5	93	91	— 1	— 0	10≡⁰	10≡⁰	—	0·9	75	Overcast.
6	1022·0	1024·7	82·4	81·9	84	82	0·1	0·7	11·5	10·2	98	92	— 1	24 2	10≡⁰	10≡⁰●	0·8	—	81	Dull, with drizzling ●.
7	1026·4	1024·3	82·6	83·8	x88	81	0·7	0·8	10·9	11·5	90	91	— 1	22 3	10	10	4·4	0·3	80	Damp and misty.
8	1026·0	1026·7	84·1	83·4	84	83	0·5	0·4	12·2	11·9	93	95	22 4	— 1	10≡⁰●	10●	5·4	—	81	≡⁰ ● 10 h.-midt.
9	1020·3	1010·8	81·9	81·6	84	81	0·6	0·8	10·5	9·8	93	89	20 3	24 5	8≡⁰	10≡⁰●	3·1	0·2	80	Overcast. [▲ *n*.
10	1009·4	996·2	80·5	78·0	82	78	1·4	2·0	8·5	6·5	82	72	26 4	26 9	10	6	23·1	—	77	Squally, with ≡⁰ ● all day.
11	994·9	999·3	77·8	76·3	80	75	2·0	1·8	6·1	5·8	72	73	26 7	28 6	3	0	—	5·5	73	Fine.
12	1001·3	1005·7	77·4	76·1	78	75	2·1	2·5	6·1	5·1	70	64	30 5	30 7	8	8	—	—	71	Cloudy and cold.
13	1005·7	1012·1	78·5	78·3	80	75	2·7	2·1	6·1	6·5	67	74	30 8	28 6	10	2	0·3	2·4	72	●▲ showers.
14	1015·5	1020·3	77·2	78·0	80	76	2·5	1·7	5·4	6·8	66	77	30 4	— 1	5	10≡⁰	—	5·3	74	Fine. Cir. from N.
15	1021·0	1023·0	78·4	79·7	82	77	1·0	0·9	7·8	8·5	88	86	— 0	— 1	10≡⁰	10	—	0·4	75	Sunny through mist.
16	1023·3	1021·3	78·6	80·0	81	76	0·6	0·9	8·5	8·8	92	88	— 1	— 1	10≡⁰	10≡⁰	1·8	—	73	≡⁰. ≡² at noon.
17	1019·6	1019·3	80·2	79·1	82	79	0·6	0·6	9·2	8·5	91	90	24 2	22 2	5≡⁰	10●	6·4	3·0	77	Fine.
18	1019·6	1021·0	77·6	76·9	81	76	0·7	0·6	7·5	7·5	90	92	— 0	— 1	10≡⁰	3	4·8	1·9	74	Cloudy.
19	1016·9	1015·2	80·2	80·2	82	73	0·5	1·4	9·5	8·2	92	81	24 5	24 8	10	10●	10·9	0·9	71	●▲ showers. Sunny intervals
20	1017·6	1018·9	80·2	80·8	81	79	1·6	1·3	7·8	8·8	78	84	22 5	26 4	10●	10	0·3	—	76	● 7 h.-9 h, and 10 h.-noon. [⋓ *p*.
21	1022·0	1024·7	81·2	83·0	85	78	0·7	0·6	9·8	11·2	91	93	20 2	22 2	10≡⁰●⁰	10	0·4	—	77	Dull, with ≡⁰ ●.
22	1026·4	1025·4	82·4	82·1	83	80	1·2	1·7	9·8	9·2	85	79	22 3	22 3	10≡⁰●⁰	10≡⁰	3·1	—	79	Overcast.
23	1023·3	1016·2	82·2	83·5	84	82	0·7	1·1	10·5	11·2	91	87	20 2	20 4	10≡⁰●⁰	10	15·2	—	79	● all day.
24	1019·6	1016·6	79·7	81·9	84	79	1·1	0·8	8·2	10·2	84	90	24 4	22 7	8	10	10·2	1·6	76	Cloudy. ●⁰ 16 h.
25	1003·7	1007·4	81·9	78·4	82	78	0·9	1·5	10·2	7·1	89	80	20 9	24 3	10●	4	15·8	—	77	●² ▲. ⋓ *n*.
26	988·4	983·0	82·1	79·1	84	77	0·8	2·2	10·5	6·8	91	71	18 11	24 6	10●	8	3·6	0·3	74	● *a*. Cloudy. T 21 h. 30 m. ▲
27	989·5	1002·0	76·2	74·1	80	74	1·8	1·4	5·8	5·1	74	75	22 3	— 1	10	8	1·0	—	73	Cloudy and cold.
28	1008·1	999·3	73·0	74·7	75	70	1·1	0·7	4·8	6·1	75	87	— 0	18 2	10✱	10	2·8	—	67	✱ 9 h.-noon. Very cold.
29	994·2	1000·6	74·4	71·0	76	71	1·7	1·3	4·8	3·1	71	60	4 3	— 1	4	0	—	5·4	70	Fine and frosty.
30	1005·4	1005·7	68·0	71·3	74	*n* 66	1·6	0·5	1·7	4·4	39	82	— 1	— 1	0	0	—	4·2	*n* 61	⌴². Fine.
Mean	1014·6	1014·6	79·0	79·1	81·3	76·4	1·2	1·2	8·1	8·1	82	83	3·2	3·2	8·5	7·3	140·9	1·26	74·0	
Mean Barometer at Station Level.	1000·9	1001·0																		

* Metres per second. † Beaufort Scale (0—12).

Shrewsbury, Shropshire.—November 1912.

Heights above Mean Sea Level:—Station, H = 57·9 m.; Barometer, H_b = 64·7 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or *Velocity* (*metres per second.*) 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†	†	Tenths of Sky covered.		mm.	hr.	200 + °	
1	1029·1	1030·4	73·9	76·1	*80*	71	1·1	1·5	5·1	6·1	79	77	32 1	28 1	0	0	—	—	69	Sunny intervals *a*., then dull.
2	1029·1	1027·7	77·8	74·7	*82*	74	1·4	0·5	7·1	6·5	82	92	28 2	Calm 0	9	0	—	—	72	Sunny intervals.
3	1028·1	1027·7	72·9	77·4	*82*	69	1·0	0·5	4·8	7·8	77	92	16 1	16 1	6	0	—	—	69	Fine, but cold.
4	1025·7	1018·3	82·1	81·9	84	77	1·3	1·1	9·5	9·8	83	86	16 2	20 2	10	10●	2·8	—	76	Dull.
5	1010·5	1017·6	84·0	83·1	85	81	0·5	0·3	12·2	11·9	93	97	20 1	Calm 0	10●	10	—	—	79	Dull and gloomy.
6	1023·0	1025·4	83·2	83·1	86	82	0·2	0·8	12·2	11·2	97	91	20 1	20 2	10	10●	—	—	79	Dull, with ∞ *a*. ● *p*.
7	1027·7	1026·4	84·6	85·2	88	81	0·9	1·1	12·2	12·2	88	86	20 2	20 5	10	0	—	—	79	Sunny intervals.
8	1027·4	1027·7	85·8	84·1	x89	84	1·7	0·9	11·9	11·9	81	89	20 3	18 1	8	10	—	—	80	Cloudy and mild.
9	1022·7	1013·5	83·1	83·1	85	82	1·1	1·2	10·5	10·5	86	85	18 2	20 4	10	5	—	—	80	Cloudy.
10	1012·8	1000·3	80·8	80·8	84	79	1·1	1·4	9·2	8·8	86	83	20 3	20 4	7	5●	9·1	—	76	Cloudy *a*. ● afternoon.
11	998·3	1000·3	76·3	78·4	82	75	0·2	1·9	7·5	6·8	96	77	28 5	28 5	10●	0	3·1	—	73	✱²●² (sleet) showers.
12	1002·3	1005·7	78·3	76·8	*81*	76	2·0	1·8	6·5	6·1	74	75	28 6	28 4	4	0	—	—	74	/ *a*. Dull.
13	1006·4	1012·1	78·9	79·7	80	76	2·0	2·0	6·8	7·5	74	74	28 5	28 5	9	0	—	—	72	Dull, with / at times.
14	1016·2	1020·6	76·9	75·2	80	74	1·4	0·5	6·5	6·5	81	91	28 4	28 1	5	0	—	—	72	Dull and cloudy.
15	1021·3	1023·0	79·4	81·3	83	75	0·1	0·2	9·2	10·5	96	97	20 1	Calm 0	10●	0	—	—	74	Dull and gloomy.
16	1023·3	1022·0	81·3	80·8	84	80	0·2	0·0	10·5	10·5	97	100	20 1	20 1	10	10	—	—	77	Dull and gloomy.
17	1021·0	1020·6	81·2	77·0	84	77	0·4	0·2	10·2	7·8	94	96	20 2	20 1	8	5	5·1	—	75	Fine.
18	1019·9	1022·3	76·6	79·5	82	76	0·0	0·9	7·8	8·5	96	87	Calm 0	28 1	*10*≡	8	—	—	73	≡ till 11 h., then cloudy.
19	1019·9	1018·9	79·8	81·2	85	74	0·7	2·1	8·8	8·2	91	74	20 3	26 4	9	9	—	—	71	Cloudy.
20	1020·6	1019·6	80·8	82·5	83	80	1·9	1·2	8·2	10·2	76	85	20 3	26 3	8	8	—	—	76	Dull.
21	1023·0	1026·4	83·6	82·9	86	81	0·5	0·5	11·9	11·5	94	94	26 1	26 1	10	9	—	—	76	Dull and gloomy, with ≡⁰.
22	1028·1	1026·7	79·8	83·0	85	77	0·0	1·0	9·8	10·5	100	87	22 1	22 3	9	10	0·3	—	74	Dull *a*. Bright afternoon.
23	1025·4	1018·9	83·0	83·6	86	81	0·9	0·5	10·9	11·9	88	94	18 1	20 3	8	10●	3·1	—	78	Dull and mild.
24	1022·0	1021·3	80·6	82·8	84	78	1·9	0·8	7·8	10·9	75	90	28 3	22 3	4	6	—	—	75	Cloudy.
25	1009·8	1009·4	83·9	79·1	85	79	2·0	1·1	9·8	7·8	77	84	20 8	26 3	10	2	5·1	—	79	/●.
26	993·5	986·4	84·6	78·8	85	76	1·3	0·8	11·5	8·2	85	89	20 8	20 3	8	9●	3·6	—	74	/●.
27	992·8	1002·0	74·4	76·6	79	73	0·3	c·6	6·5	7·1	95	91	20 1	28 3	6	9	0·5	—	71	Fine.
28	1009·1	999·6	70·8	75·8	77	70	0·3	0·0	4·8	7·5	89	100	12 1	16 1	4	10	19·3	—	69	✱⊠ *a*. ● from 14 h. 30 m.
29	994·2	1000·3	73·9	70·0	76	70	0·0	0·0	6·5	4·8	100	100	32 3	Calm 0	10	0	—	—	71	⊠. ✱● (sleet) ●. Dull.
30	1005·4	1006·4	69·2	73·0	76	*n* 66	0·3	0·0	3·7	6·1	85	100	28 1	28 2	0	10✱	—	—	*n* 66	Cloudy. ✱ 19 h. 30 m.
Mean	1016·3	1015·9	79·4	79·6	82·9	76·5	0·9	0·8	8·7	8·9	87	89	2·5	2·2	7·7	5·5	52·0	—	74·3	
Mean Barometer at Station Level.	1008·3	1008·0																		

Cambridge, a.—November 1912.

Heights above Mean Sea Level:—Station, H = 12·8 m.; Barometer, H_b = 13·1 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	Dep. of Wet 21 h.	Vap. Pr. 9 h.	Vap. Pr. 21 h.	% 9 h.	% 21 h.	Wind 9 h.	Wind 21 h.	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
													†	†						
1	1026·0	1028·7	75·5	73·8	82	74	1·2	0·6	6·1	5·8	82	89	24 2	Calm 0	0	0	—	6·2	71	Beautiful day.
2	1027·7	1025·7	75·2	76·3	80	71	1·1	0·5	6·1	7·1	82	91	Calm 0	20 2	4	0	—	1·9	*n* 66	Sunny *a*., then overcast.
3	1027·1	1028·1	74·8	71·6	80	72	0·5	0·2	6·5	5·4	93	95	20 1	Calm 0	9∞	0	—	0·5	69	Overcast most of day.
4	1026·0	1019·6	78·2	81·6	84	71	0·7	1·4	7·8	9·2	90	82	16 1	16 5	9∞	4	6·4	—	67	Overcast and gloomy.
5	1010·5	1016·2	80·8	82·7	83	80	0·0	0·2	10·5	11·5	100	97	16 2	32 1	10●⁰	10	1·3	—	77	● *n*. Gloomy.
6	1022·3	1025·4	81·9	82·4	83	82	0·0	0·0	11·5	11·9	100	99	Calm 0	20 1	*10*≡²	10	0·3	—	80	≡ till 10 h. Gloomy.
7	1028·1	1026·4	83·0	84·0	86	82	0·5	0·4	11·5	12·6	94	95	20 1	16 2	9∞	0	—	—	81	Overcast most of day.
8	1027·1	1027·4	84·8	83·0	x87	83	0·6	0·0	12·6	12·2	93	100	20 1	20 1	8⌂	0⌂²	—	4·5	80	Sunny 9 h.-15 h., then overcast.
9	1023·7	1014·2	83·2	81·0	85	80	0·6	0·5	11·5	10·2	93	95	16 1	16 2	10⌂	0	—	—	76	Overcast.
10	1013·2	998·3	79·8	82·0	83	78	0·1	1·5	9·8	9·2	98	82	20 2	22 4	8⌂	1	3·3	0·5	72	Overcast. ●⁰ 17 h.
11	993·2	993·9	77·2	77·5	82	76	0·9	2·0	7·1	6·1	88	72	24 6	24 7	7	5	—	3·0	74	Sunny till 14 h. ● after 17 h.
12	996·2	998·9	76·9	76·9	79	75	0·8	0·9	7·1	7·1	88	86	28 7	30 6–7	9	10●⁰	1·8	0·2	72	△● *a*. and *p*. Overcast.
13	1000·6	1006·7	77·3	77·4	79	76	0·4	0·1	7·8	8·2	94	98	28 4	28 3	10●⁰	10●⁰	7·6	—	75	Overcast and gloomy.
14	1010·1	1017·9	78·2	78·6	80	77	0·8	1·3	7·8	7·5	89	84	28 6	28 2	10∞	6	0·3	0·2	74	Overcast and gloomy.
15	1019·6	1021·0	77·9	81·6	82	77	0·7	1·4	7·8	9·2	91	82	20 1	28 1	9∞	10	0·3	—	75	Overcast and gloomy.
16	1022·3	1021·3	81·9	81·3	83	81	0·6	0·3	10·5	10·5	93	95	28 1	Calm 0	10≡⁰	10	1·0	—	78	Overcast and gloomy.
17	1020·3	1020·3	80·8	78·0	83	78	0·1	0·3	10·5	8·5	99	96	20 1	Calm 0	10∞	5	—	—	80	Overcast and gloomy.
18	1018·6	1020·3	76·3	76·4	80	74	0·0	0·0	7·8	7·8	100	100	16 1	28 1	9∞	5	2·0	—	71	●⁰ *a*. and *p*. Gloomy.
19	1019·9	1016·9	75·9	79·3	81	71	0·0	1·1	7·5	8·2	100	83	20 1	24 3	9∞	6	0·5	1·0	69	Overcast most of day.
20	1017·9	1017·6	79·1	80·8	81	77	1·6	0·8	7·5	9·5	79	90	20 2	Calm 0	9∞	5	—	—	73	Overcast and gloomy.
21	1021·6	1024·7	78·5	81·3	81	76	0·3	0·0	8·5	10·9	95	99	24 1	Calm 0	10∞⌂²	10≡⁰	1·5	—	72	Gloomy, with ●⁰. ≡ 15 h.-16 h.
22	1027·7	1027·7	78·4	81·9	86	76	0·0	0·9	8·8	9·8	100	88	Calm 0	20 1	2≡⌂²	10	—	3·7	72	Sunny 10 h.-14 h., then overcast.
23	1026·7	1021·3	81·9	82·6	84	81	0·6	0·7	10·5	10·9	93	91	16 1	20 3	10	6	5·6	—	77	Overcast. ⋓ 21 h. 30 m.
24	1021·0	1021·0	78·7	79·7	83	77	0·8	1·0	8·2	8·5	90	85	22 2	22 3	0	10⋓	—	5·7	74	● 4 h. Sunny 9 h.-15 h.
25	1013·2	1011·1	83·2	77·2	84	77	2·3	0·2	9·2	8·2	73	97	16 6–7	Calm 0	10	0	4·3	—	76	Overcast. / 15 h. ● 14 h-17 h.
26	999·6	987·1	83·3	80·8	85	76	0·6	0·8	11·5	9·5	93	90	16 5	20 5	10	10	4·8	—	73	Overcast. / at times. ●² 17 h.
27	992·2	1000·3	75·4	73·6	81	71	0·5	0·6	6·8	5·8	91	89	20 1	Calm 0	3	5⌴	—	4·0	72	Sunny 9 h.-13 h., then overcast.
28	1009·1	1002·7	71·3	75·8	76	*n* 70	0·0	1·1	5·4	6·1	98	83	20 1	12 2	0⌴∞	10	2·8	2·0	*n* 66	≡ *a*. Sunny, then overcast.
29	987·8	995·9	78·1	73·6	79	74	0·6	0·7	8·2	5·4	92	86	12 3	24 2	9	0	2·8	—	69	●⁰ most of day.
30	1000·3	1004·0	72·3	70·8	77	*n* 70	0·0	0·0	5·8	5·1	99	100	28 2	28 1	10	0	—	0·5	70	Overcast most of day.
Mean	1015·0	1014·7	78·7	78·8	82·0	76·1	0·6	0·7	8·6	8·6	92	91	2·1	2·0	7·8	5·3	46·6	1·13	73·4	
Mean Barometer at Station Level.	1013·4	1013·1																		

† Beaufort Scale (0—12).

SOUTHAMPTON, HAMPSHIRE, a.—NOVEMBER 1912.

Heights above Mean Sea Level:—Station, H = 19·5 m.; Barometer, H_b = 25·6 m. Heights above Ground:—Therms., h_t = 1·37 m.
Rain-gauge, h_r = 0·3 m. Lat. 50° 55′ N. Long. 1° 24′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	200 + °	
1	1030·4	1031·5	75·8	76·1	81	73	1·0	1·0	6·1	6·5	84	84	4	1	4	2	0	2≡¹	—	7·5	71	Sunny day. ≡¹ n.
2	1030·1	1028·7	75·2	74·7	81	73	0·4	0·6	6·8	6·1	92	89	28	2	4	2	7∞	0≡⁰	—	2·7	71	⌴ a. and p. Cloudy. ≡⁰ n.
3	1028·4	1029·1	76·3	79·0	80	72	1·0	1·7	6·5	7·1	84	77	4	2	4	2	10≡⁰	10≡⁰	0·3	—	70	Dull and damp.
4	1028·7	1023·3	79·6	80·9	85	78	0·7	1·1	8·8	9·2	90	86	4	2	20	1	6≡²	1	0·5	0·5	76	≡² a. Dull.
5	1013·5	1016·9	83·1	84·1	86	81	0·0	1·5	12·2	10·9	100	84	20	2	4	3	10	10	0·3	—	77	Dull. < evening.
6	1023·0	1026·7	83·3	83·4	84	83	0·5	0·3	11·5	11·9	93	96	4	1	4	1	10≡¹	10≡¹	—	—	82	Dull.
7	1030·1	1030·4	83·0	84·5	x 87	82	0·5	0·7	11·5	12·2	94	90	28	1	20	1	8≡⁰	10	—	3·5	82	≡⁰ early a. Dull to fine.
8	1030·4	1029·8	84·1	84·0	85	84	0·4	0·9	12·2	11·5	94	88	20	1	20	1	10	10	—	—	84	Dull and mild.
9	1025·7	1017·6	84·7	81·4	x 87	81	1·0	0·5	11·9	10·2	87	93	20	1	20	2	8	0	—	1·7	83	Dull to fine. ⌓ p.
10	1018·9	1003·7	80·5	82·8	85	79	1·0	1·5	8·8	9·8	86	82	28	1	28	6	10	8	3·1	0·6	76	Dull. ● showers 17 h. ● 20 h.
11	1000·0	998·9	79·2	77·1	83	77	2·2	1·4	6·8	6·5	71	80	28	4	28	4	10	0	0·3	0·8	76	Dull and cool.
12	999·3	1002·7	77·4	77·1	80	76	0·7	1·9	7·5	6·1	89	73	28	4	28	5	10	0	—	—	74	Dull.
13	1004·0	1009·4	77·4	78·1	80	75	1·3	1·4	6·8	7·1	81	80	28	4	28	4	10	0	0·5	—	73	Dull. Drizzling ● noon-15 h.
14	1014·2	1020·3	78·6	78·8	81	77	1·9	1·7	6·8	7·1	76	78	28	2	28	3	8	9	—	1·5	72	Dull to fine.
15	1023·0	1023·3	78·0	80·2	82	76	1·0	0·7	7·5	9·2	85	91	28	2	28	3	10	10	—	—	75	Dull.
16	1023·7	1023·0	80·8	81·3	82	80	0·5	0·4	9·8	10·2	94	94	28	1	28	1	10≡¹	10≡¹	0·5	—	78	Dull, with ≡¹.
17	1024·3	1022·0	80·9	79·8	84	80	0·0	1·0	10·5	8·5	100	85	32	1	28	2	10≡²	0∞	—	0·9	79	≡² till 11 h. Dull, with ∞.
18	1020·3	1022·0	76·2	77·4	82	74	0·3	0·6	7·1	7·5	94	91	28	2	28	3	10≡²	0∞	0·3	1·6	72	Cloudy. ⌓ p.
19	1023·3	1021·6	75·2	81·0	82	73	0·4	1·7	6·8	8·5	93	79	28	2	28	2	8	10	—	—	70	⌴ a. Dull.
20	1023·3	1020·6	81·9	82·2	83	80	2·7	0·4	7·8	11·2	68	95	28	2	28	3	4	10●⁰	0·3	1·0	77	Cloudy. ●⁰ showers 15 h.
21	1024·0	1027·1	84·1	84·7	86	80	1·0	1·2	11·5	11·9	87	85	28	2	28	1	10	10	—	—	80	Dull and mild.
22	1029·8	1030·4	79·1	82·7	86	79	0·0	0·9	9·5	10·5	100	89	28	1	24	1	3≡²	10	—	2·2	74	≡² early, becoming fine and [mild.
23	1029·4	1027·4	82·7	83·0	85	82	1·0	0·6	10·5	11·2	87	93	20	1	28	2	10	10	6·1	0·1	80	Dull and mild.
24	1026·7	1025·4	81·6	79·5	84	78	0·5	1·3	10·5	8·2	93	82	28	2	24	2	0	1	—	6·6	74	● 1 h. 30 m.-4 h. Fine day.
25	1019·3	1013·8	83·6	80·3	85	79	2·5	0·4	9·2	9·5	72	93	20	5	20	2	8	10	7·4	0·1	75	Dull. ● 14 h.-19 h. ⩌ p.
26	1006·4	991·5	83·6	81·4	84	80	0·5	0·8	11·9	9·8	94	89	20	5	20	4	10	0	9·9	—	80	● till 10 h. 30 m., and 14 h.-[19 h.
27	994·2	1003·0	76·3	74·3	82	74	0·8	0·4	6·8	6·1	87	91	28	2	28	2	5	0∞	—	1·7	72	Cloudy.
28	1010·8	1002·3	72·4	79·2	79	n 71	0·4	0·8	5·1	8·5	86	88	28	2	12	4	10≡²	10	10·9	0·1	67	≡² early. Overcast.
29	987·8	997·9	78·6	73·9	81	74	0·2	0·9	8·8	5·4	97	84	28	2	28	2	10●⁰	0	0·3	—	77	● till 11 h. Dull. ⌴≡⁰ p.
30	1000·0	1007·4	74·7	71·3	75	n 71	1·0	0·1	5·8	5·1	81	97	4	3	28	2	10	0	—	—	70	Dull and cold.
Mean	1018·1	1017·6	79·6	79·8	82·9	77·4	0·8	0·9	8 8	8·8	88	87		2·1		2·4	8·2	5·4	40·7	1·10	75·6	
Mean Barometer at Station Level.	1014·9	1014·4																				

FALMOUTH, CORNWALL, a.e.—NOVEMBER 1912.

Heights above Mean Sea Level:—Station, H = 50·9 m.; Barometer, H_b = 55·8 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·6 m Lat. 50° 9′ N. Long 5° 4′ W. *Time*, Greenwich mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 10 h.	Cloud 10 h.	Rain 10 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
1	1030·1	1031·8	79·8	79·1	83	78	1·1	1·6	8·5	7·5	84	79	32	2	—	1	7	2	—	4·6	—	Fair to dull.
2	1029·1	1027·4	80·3	82·4	84	78	1·1	0·8	8·5	10·5	85	90	—	1	—	0	10	10	—	—	—	Overcast and gloomy.
3	1026·7	1028·4	82·4	79·8	85	79	1·1	0·7	10·2	8·8	86	91	—	1	20	2	9	0	—	3·0	—	Fair a. Bright p.
4	1027·7	1021·6	83·3	82·9	85	80	2·0	1·6	9·5	9·8	76	81	18	4	18	6	9	10	9·1	2·1	—	Intermittent sunshine.
5	1013·8	1019·3	84·8	85·2	86	83	0·5	1·5	13·2	11·5	95	81	28	6	32	5	10	10	—	—	—	Dull, overcast, and damp.
6	1024·7	1027·7	84·8	84·4	86	84	0·7	1·2	12·6	11·5	91	86	—	1	—	0	10	10	0·5	—	—	Dull, overcast, and mild.
7	1030·1	1031·1	85·1	84·7	86	83	0·4	0·4	13·2	13·2	95	96	20	2	—	1	10●⁰	10	1·0	0·1	—	Dull, overcast, and damp.
8	1031·8	1029·4	83·8	82·2	x 87	82	0·7	0·4	11·9	11·2	92	95	—	1	—	1	7	0	—	3·5	—	Fine and mild.
9	1024·0	1019·3	82·3	83·4	86	81	0·5	1·0	10·9	11·2	93	88	22	2	24	4	0	10●⁰	—	7·1	—	Fine and bright. ● p.
10	1019·9	1010·5	82·4	84·1	85	82	1·6	1·1	9·5	11·5	80	86	24	4	26	9	5	5	6·6	2·6	—	Intermittent sunshine 10 h.-14 [h.
11	1008·4	1006·4	81·1	79·8	83	78	2·9	2·4	7·1	6·8	65	70	30	8	30	8	6	7	6·9	3·1	—	Frequent ✻●(sleet) ▲ showers.
12	1007·1	1008·8	80·4	77·4	81	77	2·0	1·1	7·5	7·1	74	85	30	9	32	7	8	7	6·9	2·0	—	✻● (sleet) ● showers. Squally.
13	1009·8	1013·5	79·9	80·2	82	77	1·5	2·2	8·2	7·5	80	72	32	7	2	5	2	2	0·5	4·5	—	Bright a. Cloudy p.
14	1017·6	1022·0	79·7	77·9	82	77	1·1	0·9	8·2	7·5	84	86	—	0	—	1	7	0	—	3·1	—	Cloudy to bright.
15	1023·0	1024·3	80·1	82·5	83	77	1·0	0·4	8·8	11·2	86	95	—	0	—	1	9	10⌓	0·5	—	—	Overcast, mild, and damp.
16	1025·0	1024·3	83·0	82·9	84	82	0·5	0·6	11·5	11·2	94	92	—	1	—	1	10⌓	10⌓	0·8	—	—	Dull, damp, and mild.
17	1024·3	1023·0	82·9	80·9	84	81	1·0	1·0	10·5	9·2	87	87	30	3	—	1	5	10	4·1	2·2	—	Fair.
18	1021·0	1024·7	81·0	82·0	84	80	0·4	1·4	10·2	9·5	96	83	—	1	32	2	7	3	0·5	3·7	—	●² early a. Intermittent sun- [shine.
19	1025·0	1026·0	83·9	83·1	85	80	0·9	2·3	11·5	8·8	89	73	26	4	28	6	10	3	—	1·1	—	Generally overcast.
20	1027·4	1026·7	83·0	84·2	84	83	2·1	0·6	9·2	12·2	75	92	26	4	26	7	7	10	0·5	2·4	—	Cloudy to dull and overcast.
21	1028·1	1030·1	84·7	84·5	85	83	0·6	0·9	12·6	11·9	92	89	30	6	30	3	10	0	—	0·2	—	Fair and mild.
22	1031·5	1031·1	83·4	82·9	85	82	0·6	1·0	11·9	10·5	93	87	24	3	—	1	10	10	2·0	—	—	Overcast and damp.
23	1028·7	1024·0	83·1	83·8	85	82	0·2	0·4	11·9	12·2	98	94	20	5	20	8	10	10●	4·6	0·7	—	Dull, damp, and mild.
24	1028·4	1028·1	81·8	82·4	84	81	2·5	1·6	7·8	9·5	70	79	28	3	24	5	5	0	—	3·6	—	Intermittent sunshine.
25	1021·0	1015·5	84·1	82·3	85	82	1·7	0·4	10·5	11·2	80	94	20	8	—	1	10	10●⁰	10·9	—	—	Dull. Squally with ● p.
26	1003·0	994·2	84·1	79·8	85	78	0·7	1·3	11·9	8·2	90	82	20	14	24	6	10	7	16·5	—	—	Wet and stormy.
27	996·2	1006·1	76·3	77·8	79	75	1·1	1·4	6·5	6·8	83	81	22	4	30	2	6	2	5·1	0·4	—	● in afternoon.
28	1010·5	997·6	76·4	81·2	81	75	0·6	0·8	7·1	9·8	90	91	—	1	18	6	5	10●	10·2	—	—	Dull. Squally, with ● after 21 h.
29	998·9	990·8	79·0	80·2	81	77	2·0	1·5	6·8	8·2	73	79	28	5	6	7	2	10●	6·6	3·7	—	Bright a. Stormy, with ●
30	1002·7	1010·8	74·8	75·7	77	n 74	2·3	1·8	4·4	5·4	65	74	2	6	32	2	0	0	1·5	6·1	—	Squally, with ● early a.
Mean	1019·8	1019·2	81·7	81·7	83·8	79·8	1·2	1·1	9·7	9·7	85	85		3·9		3·6	7·2	6·3	95·3	1·99	—	
Mean Barometer at Station Level.	1013·0	1012·3																				

* Metres per second. † Beaufort Scale (0—12).

ARMAGH, a.—NOVEMBER 1912.

Heights above Mean Sea Level:—Station, H = 59·8 m.; Barometer, H_b = 61·6 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200 + °	
1	1030·4	1030·4	76·3	74·1	82	73	0·5	1·0	7·1	5·4	91	80	—	1	—	1	8	8	—	3·2	69	Fine.
2	1028·4	1027·1	75·2	73·3	81	72	1·1	2·2	5·8	3·7	81	59	—	0	—	0	0	3	—	4·9	69	⌴ a. Fine.
3	1026·0	1024·0	76·2	81·3	83	71	0·7	1·1	6·8	9·5	90	86	—	0	14	3	8	10	—	0·2	66	Mostly overcast.
4	1018·3	1010·5	83·0	83·5	85	81	0·2	0·4	11·9	12·2	98	95	18	4	18	4	10	10●	13·8	—	79	● from 13 h.
5	1014·2	1018·3	83·3	82·2	85	82	0·5	0·5	11·9	10·9	94	94	—	1	—	1	10	10	0·1	—	81	Overcast.
6	1022·3	1023·0	82·3	83·3	84	81	0·6	0·9	10·9	11·2	92	89	—	1	20	2	10	10	—	—	79	Overcast.
7	1021·6	1022·7	85·0	85·6	x 87	83	0·9	1·1	12·6	12·6	89	87	18	6	20	5	10	10●	10·1	—	82	Overcast and very mild.
8	1025·7	1023·7	83·6	83·8	86	84	0·1	0·1	12·6	12·6	99	98	20	2	18	2	10●	10●⁰	4·9	—	83	Drizzle most of day.
9	1014·5	1011·8	82·4	78·2	85	78	0·5	1·5	10·9	7·1	93	79	18	6	20	4	10●	9	0·9	—	82	Overcast.
10	1005·7	1001·3	80·1	75·9	83	76	1·1	0·9	8·5	6·5	85	85	18	5	26	4	10	4	3·9	—	76	Showers a. Stormy.
11	1003·3	1008·1	76·9	74·4	80	75	1·1	0·4	6·8	6·5	84	93	26	3	30	3	10	9	4·5	0·6	72	Showery.
12	1011·5	1013·5	78·2	75·0	80	75	1·9	0·9	6·8	6·1	75	86	32	3	30	2	3	10	1·1	1·9	72	Fine, but cold.
13	1015·2	1018·6	79·5	77·2	81	75	1·1	1·3	8·2	6·8	85	82	32	3	—	1	2	10	0·7	4·8	72	Fine.
14	1018·9	1022·3	80·8	79·7	82	77	0·3	0·7	10·2	8·8	97	90	—	1	28	2	10	10	—	—	72	Overcast.
15	1023·3	1024·7	81·4	81·2	84	80	0·1	0·6	10·9	10·2	99	93	—	1	—	1	10	10	—	—	76	Overcast.
16	1023·7	1018·9	79·6	80·5	82	79	1·3	0·7	8·2	9·5	82	91	—	0	18	4	10	10	—	—	75	Overcast.
17	1019·3	1017·6	78·1	78·7	81	76	0·8	0·2	7·8	8·8	89	96	18	4	—	1	0	10	—	2·7	75	Fine.
18	1021·3	1022·3	76·4	78·7	83	76	0·1	0·5	7·8	8·5	98	93	18	2	20	2	10	10	0·4	2·2	72	Fine.
19	1018·9	1018·9	80·9	80·6	84	79	1·7	1·9	8·5	7·8	79	76	26	4	24	3	7	10	—	1·2	78	Fine.
20	1020·3	1020·3	80·1	81·5	82	80	0·6	0·2	9·2	10·9	92	97	24	3	—	1	10	10	1·4	—	77	Overcast, with occasional drizzle.
21	1023·3	1024·3	83·5	81·0	85	81	0·6	0·6	11·9	9·8	93	93	24	3	20	4	10	8	—	—	80	Overcast.
22	1023·7	1020·3	83·4	83·2	86	81	0·6	0·8	11·5	11·2	92	91	18	5	18	6	10	10	2·3	1·3	80	Mostly cloudy.
23	1017·2	1015·5	84·1	79·2	85	79	0·1	0·9	12·9	8·2	98	87	18	3	24	3	10●	2	1·7	—	82	Overcast till 17 h.
24	1018·3	1013·2	79·7	82·2	83	78	1·3	1·6	8·2	9·2	81	79	20	5	22	6	9	5	6·9	0·1	77	Overcast till 16 h.
25	1002·3	1005·4	79·0	76·9	82	77	0·8	1·3	8·5	6·5	89	82	24	2	18	4	10	0	7·5	3·0	78	● before 9 h., then fine.
26	972·2	984·1	81·5	75·3	83	75	2·0	1·2	8·2	5·8	75	81	18	12	20	5	10	4	2·5	0·6	76	Very stormy till 14 h.
27	991·5	1005·0	73·0	72·6	78	72	0·4	0·5	5·8	5·1	92	86	20	4	—	1	9	0	2·0	0·5	72	✻ showers a.
28	1004·0	998·6	73·6	73·5	75	71	0·5	0·3	5·8	6·1	90	96	18	3	—	0	10	10	—	—	68	Overcast.
29	997·9	1002·0	70·8	70·2	75	70	0·2	0·5	4·8	3·7	93	79	—	0	—	1	0	2	—	3·1	67	⌴. Fine, but cold.
30	1008·1	1008·8	69·6	69·9	75	n 67	0·5	0·4	3·7	4·1	81	85	—	1	—	1	2	0	—	0·6	n 65	Fine and frosty.
Mean	1014·7	1015·2	79·2	78·4	82·2	76·8	0·7	0·8	8·8	8·2	89	87		2·9		2·6	7·9	7·5	64·7	1·03	75·1	
Mean Barometer at Station Level.	1007·1	1007·6																				

MARKREE CASTLE, SLIGO, a.b.—NOVEMBER 1912.

Heights above Mean Sea Level:—Station, H = 37·2 m.; Barometer, H_b = 38·7 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 54° 11′ N. Long. 8° 27′ W. *Time*, Dublin mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine.	Min. Temp. on Grass.	Remarks.
1	1030·8	1031·1	72·1	76·9	82	70	0·5	1·7	5·1	6·1	86	77	Calm	0	Calm	0	7	0	—	2·6	67	⌴. Fine and frosty.
2	1028·7	1026·0	71·1	76·8	80	69	0·3	1·1	4·8	6·8	91	84	Calm	0	12	1	7	10	—	2·5	66	⌴. Fine, but cool.
3	1025·4	1023·0	79·3	81·9	83	76	1·3	0·0	7·8	11·5	82	100	Calm	0	16	1	10	10	—	0·3	74	Fair and mild.
4	1018·6	1011·1	83·4	84·7	86	82	0·5	0·0	11·9	13·6	94	100	16	2	Calm	0	10	10●	16·3	—	81	Mild, with ● showers.
5	1015·9	1018·9	83·0	83·0	86	82	0·0	0·4	12·2	11·5	100	95	28	1	Calm	0	10●⁰	10	—	—	82	Fair and mild.
6	1022·0	1023·0	82·4	83·8	86	81	0·5	0·4	10·9	12·2	94	96	Calm	0	Calm	0	9	10	—	0·6	80	Overcast and mild.
7	1021·3	1022·7	84·7	85·2	x 87	82	0·6	0·1	12·6	13·9	93	99	16	3	20	1	9	10●	21·6	—	82	Fair. ●² from 18 h.
8	1025·4	1022·7	83·2	83·9	86	82	0·2	0·4	12·2	12·2	98	95	Calm	0	16	2	10●	10●	9·1	—	82	Rainy and mild.
9	1014·9	1013·5	83·6	79·9	85	79	0·0	1·4	12·6	8·2	100	81	20	3	24	1	10●	6	4·6	0·1	82	● a. ● showers p. Mild.
10	1004·7	1004·7	80·8	79·7	84	78	0·6	3·2	9·8	6·1	93	61	20	2	28	5	10●	5	10·4	0·3	76	●² showers. ⁄▲ n.
11	1007·1	1012·5	79·4	77·4	81	76	2·8	2·0	6·1	6·1	65	71	28	5	32	2	9	3	5·1	0·3	74	⁄▲✻● (sleet).
12	1015·9	1016·9	78·0	76·1	80	74	1·7	0·9	6·8	6·8	77	87	32	4	32	2	6	2	5·3	1·0	75	⁄✻▲✻● (sleet).
13	1019·6	1021·6	78·7	79·1	81	76	1·3	0·9	7·5	8·2	84	86	32	3	32	1	7	10●	1·0	3·3	74	⁄▲● showers.
14	1021·6	1024·7	81·9	81·5	83	79	0·6	0·5	10·5	10·2	93	92	32	2	Calm	0	9	10	0·5	1·0	77	Fair and mild.
15	1025·7	1026·4	81·5	81·3	83	80	0·2	0·2	10·9	10·5	98	97	Calm	0	Calm	0	10●⁰	10	—	0·2	80	Fair and mild.
16	1024·7	1019·9	79·6	81·3	82	80	0·7	0·5	8·8	10·2	90	93	Calm	0	Calm	0	10	10	—	—	79	Fair and mild.
17	1019·9	1018·6	78·5	79·1	82	76	0·6	0·1	8·5	9·2	92	98	Calm	0	Calm	0	7	10	2·3	0·7	72	●⁰ showers. Mild.
18	1022·0	1026·4	77·4	81·3	83	77	0·1	0·1	8·2	10·9	98	99	Calm	0	20	1	9	10	1·5	1·9	74	●⁰ showers. Mild.
19	1022·0	1022·3	81·3	81·8	84	81	1·6	2·7	8·5	7·8	79	68	28	1	26	2	7	9	0·3	0·8	79	Fair and mild.
20	1022·0	1021·6	81·1	83·6	85	80	0·9	0·4	9·5	12·2	89	95	Calm	0	Calm	0	10	10	2·0	—	79	Drizzle all day. Mild.
21	1024·3	1024·3	83·8	83·5	86	82	0·8	1·3	11·5	10·5	90	85	Calm	0	Calm	0	10	10	—	—	81	Fair.
22	1022·7	1020·3	83·9	84·1	86	83	1·5	0·5	10·9	12·2	83	93	16	2	20	3	10	10●	5·8	—	82	Fair till 15 h., then ●. Mild.
23	1017·9	1017·9	83·9	81·9	86	79	0·3	1·1	12·6	9·8	96	86	Calm	0	Calm	0	10	1	1·8	0·1	81	Fair and mild.
24	1018·9	1014·9	81·3	83·8	85	78	0·2	1·6	10·5	10·5	97	81	24	2	22	3	9	10	9·7	0·5	75	● showers a. Fair and mild p.
25	1005·4	1005·4	79·1	78·0	85	77	0·5	1·1	8·8	7·5	92	84	28	4	24	1	10	9	15·2	3·5	77	● early a. ●⁰ showers p. ● n.
26	973·2	986·1	83·8	75·2	x 87	74	1·2	1·1	11·2	6·1	86	82	20	8	20	2	5	10	6·1	0·3	75	Mild with ⁄ ●² showers.
27	991·5	1006·4	73·6	72·4	79	71	0·7	0·5	5·8	5·1	88	85	Calm	0	Calm	0	5	3	2·5	0·2	70	▲✻ showers early a. ▲⁰ p.
28	1004·4	998·9	73·6	74·1	76	72	1·0	0·5	5·4	6·1	82	89	Calm	0	Calm	0	10	0	1·3	—	69	Overcast and very cold. ≡
29	997·9	1003·0	73·6	71·3	76	70	0·1	0·8	6·5	4·1	99	75	16	1	Calm	0	10	0	—	1·7	69	Dull a. Fine, but cold p. ≡
30	1009·4	1009·8	67·4	69·7	76	n 65	0·0	0·0	4·1	4·8	100	100	Calm	0	Calm	0	9	10	3·8	1·8	n 64	✻● (sleet) ✻▲ showers p.
Mean	1015·8	1016·4	79·5	79·8	83·1	77·1	0·7	0·9	9·1	9·0	90	88		1·4		0·9	8·8	7·6	126·2	0·79	75·9	
Mean Barometer at Station Level.	1011·0	1011·6																				

* Metres per second. † Beaufort Scale (0—12).

DUBLIN (PHŒNIX PARK), a.—NOVEMBER 1912.

Heights above Mean Sea Level:—Station, H = 47·3 m.; Barometer, H_b = 48·5 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second). 9 h. *		21 h. *		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%					Tenths of Sky covered.		mm.	hr.	200 + °	
1	1030·4	1029·1	74·6	69·6	81	69	0·7	0·1	6·1	4·4	89	96	28	3	—	0	0	2	—	6·7	67	Beautiful day.
2	1028·4	1025·7	74·6	71·0	81	68	1·7	0·1	5·1	5·1	72	96	—	0	—	0	4	0	—	2·3	65	Fair, but cloudy.
3	1024·7	1024·7	81·7	80·2	83	70	1·1	0·1	9·5	9·8	87	98	4	2	—	0	10	10	—	—	66	Overcast.
4	1019·6	1011·5	84·8	83·9	86	80	1·1	0·5	11·9	12·2	86	93	20	6	20	5	10	10●	11·9	—	77	Overcast. ●² at intervals 13 h. [-21 h.
5	1011·8	1018·3	84·2	82·2	85	80	0·6	0·4	12·2	10·9	92	95	26	3	26	2	8	10	—	0·5	82	Dull.
6	1021·6	1024·0	82·8	84·3	85	82	0·5	0·6	11·2	12·2	94	91	24	3	—	0	10	10	—	0·2	80	Dull.
7	1023·3	1023·7	87·3	85·9	x 91	83	2·1	1·7	12·6	11·9	77	81	—	1	22	4	4	7	—	5·0	78	Fine and bright.
8	1025·4	1024·7	84·8	84·5	87	84	0·8	1·0	12·6	11·9	90	88	22	3	—	1	10	10	—	—	84	Overcast.
9	1017·6	1013·2	82·8	80·0	85	79	1·4	1·5	10·2	8·2	83	80	20	4	24	4	10	0	1·1	—	80	● at intervals 10 h. 30 m.-13 h.
10	1009·8	1003·7	80·6	77·7	84	76	0·5	1·5	9·8	6·8	94	79	22	5	24	7	10●	3	3·4	—	76	●⁰ at intervals 9 h.-19 h. 30 m.
11	1002·7	1006·7	77·2	75·7	79	75	1·6	1·0	6·5	6·1	77	85	26	5	28	5	2	0	0·4	4·0	73	Bright a. ●⁰ at intervals p.
12	1008·8	1010·8	77·8	74·5	79	74	1·7	0·8	6·5	5·8	76	85	30	5	26	3	2	8	—	3·0	72	Fair, but cloudy.
13	1012·5	1015·9	79·1	75·9	81	74	1·3	0·7	7·8	6·8	84	88	28	3	28	3	7	0	0·3	3·2	71	Fair, but cloudy.
14	1018·3	1022·0	80·0	81·3	83	75	0·4	1·1	9·5	9·2	95	86	26	2	28	3	10●	8	0·5	—	70	●⁰ 8 h.-11 h.
15	1022·7	1022·7	81·1	81·8	84	80	0·8	0·8	9·8	10·2	90	90	24	3	—	1	10	3	—	—	78	Overcast.
16	1024·0	1020·3	80·1	80·2	82	79	1·2	0·7	8·5	9·2	84	91	—	1	—	1	10	10	—	—	79	Overcast.
17	1020·3	1018·6	80·1	80·4	82	77	1·3	0·4	8·2	9·8	82	95	22	3	22	3	3	7	0·9	3·8	73	● at intervals 14 h.-19 h.
18	1021·3	1023·7	78·4	78·1	82	77	0·3	0·3	8·5	8·5	95	97	24	2	24	2	6	8	0·5	2·9	74	Fair, but cloudy.
19	1021·3	1020·3	81·7	80·3	84	78	1·8	1·1	8·5	8·8	77	85	24	4	24	5	9	4	—	1·0	76	●² 4 h. 15 m.-4 h. 50 m. Fair.
20	1021·6	1021·6	81·1	84·0	84	79	1·2	0·3	9·2	12·2	84	94	24	5	24	3	8	10	2·1	0·1	77	●⁰ 11 h.-18 h.
21	1024·0	1025·7	83·9	83·5	85	82	0·8	1·6	11·9	10·2	90	81	24	3	22	3	10	8	—	—	82	●⁰ at intervals a. Overcast.
22	1025·4	1022·7	84·0	83·7	85	83	1·7	1·6	10·5	10·5	80	81	20	4	20	5	8	7	0·8	0·9	81	Dull.
23	1019·6	1016·6	85·1	80·7	86	80	1·1	0·6	12·2	9·8	88	93	20	5	24	4	6	10	1·4	0·6	81	● 2 h. 20 m.-3 h. 20 m. Dull.
24	1019·9	1017·9	80·2	83·7	84	77	1·5	1·3	8·2	10·9	79	85	22	5	22	6	4	10	9·2	1·3	74	Cloudy. ●⁰ 13 h.-15 h.
25	1004·7	1007·1	80·2	78·1	84	77	0·6	1·0	9·5	7·5	93	85	24	7	20	3	10●	7	3·1	2·7	78	●² 5 h.-10 h. Dull.
26	980·7	985·1	84·6	75·1	85	74	1·2	0·9	11·5	6·1	86	85	18	14	24	5	10●	6	4·1	0·6	75	● at intervals 3 h.-11 h.
27	990·8	1003·7	72·4	74·8	76	71	0·4	0·2	5·4	6·8	90	97	24	3	26	3	1	2	—	1·3	69	Fine, but cloudy.
28	1005·0	997·6	73·3	74·6	77	70	0·4	0·1	5·8	6·8	91	98	—	1	22	2	7	10	3·6	—	65	●⁰ 13 h.-16 h. and 19 h.-21 h.
29	998·6	999·3	72·3	74·6	76	70	0·3	2·1	5·4	4·8	91	68	—	1	26	3	3	1	—	3·6	69	Fine, but cloudy.
30	1006·1	1008·1	68·4	69·3	76	n 67	0·2	0·3	3·7	4·1	89	85	26	2	24	3	3	0	0·1	5·2	n 63	Fine and bright.
Mean	1015·4	1015·5	80·0	79·0	82·8	76·4	1·0	0·8	8·9	8·6	86	88	3·6		3·0		6·8	6·0	43·4	1·63	74·5	
Mean Barometer at Station Level.	1009·4	1009·5																				

LIMERICK (MUNGRET COLLEGE).—NOVEMBER 1912.

Heights above Mean Sea Level:—Station, H = 14·3 m.; Barometer, H_b = 15·2 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 52° 38′ N. Long. 8° 41′ W. *Time*, Dublin mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Grass	Remarks.
1	1030·8	1030·4	71·0	73·4	81	69	0·5	0·3	4·4	5·8	83	93	Calm	0	32	1	0≡	0	—	4·7	66	∩≡³ 6 h. 30 m. Very fine.
2	1027·1	1025·0	76·9	78·5	83	72	0·8	0·5	7·1	8·5	88	94	Calm	0	8	2	7	5	—	1·1	69	Dull.
3	1023·7	1022·7	81·2	83·7	84	77	0·7	0·6	9·8	11·9	91	93	8	3	12	4	10	10	—	—	74	∩ 7 h. Dull, with drizzle.
4	1019·3	1012·8	85·8	85·0	86	84	0·8	0·1	13·2	13·9	90	99	16	4	20	3	10	10●⁰	6·5	—	82	Dull, with ●.
5	1015·9	1019·6	83·6	83·0	85	83	0·0	0·1	12·6	12·2	100	99	Calm	0	Calm	0	10	10	0·6	—	81	Dull.
6	1023·0	1024·7	82·2	84·1	85	82	0·1	0·0	11·5	13·2	99	99	16	1	Calm	0	10●⁰	10	—	—	81	Drizzle.
7	1024·3	1025·7	84·7	83·9	x 90	82	0·6	0·7	12·6	11·9	92	91	16	4	20	2	3	4	—	5·7	79	Beautiful day.
8	1027·1	1024·7	84·6	84·0	86	82	0·6	0·6	12·6	12·2	93	92	16	2	20	2	10	10	—	—	79	Dull.
9	1018·6	1016·6	82·4	81·1	85	80	0·7	1·4	10·9	8·8	91	82	16	4	20	3	10	6	2·8	—	75	Dull. ● p.
10	1012·5	1008·8	81·6	80·0	85	80	0·8	1·4	9·8	8·2	89	81	24	4	28	5	10	10	3·1	0·5	76	● a. ∕ noon. Cleared p.
11	1010·5	1013·5	78·5	75·8	80	76	1·3	1·0	7·5	6·1	83	84	28	3	28	2	5	0	—	5·1	70	∕ n. ●² showers. Bright in- [tervals.
12	1016·2	1017·6	77·9	74·7	80	74	1·0	0·5	7·5	6·5	85	91	28	4	28	3	2	1	—	4·8	70	
13	1018·9	1020·6	78·6	78·0	81	74	0·9	1·0	8·2	7·5	89	86	32	3	28	1	3	3	1·3	6·3	70	Fine, but cold.
14	1020·6	1024·0	81·9	81·1	82	77	0·2	0·5	11·2	9·8	98	93	32	3	28	1	9●	10	—	—	72	Dull.
15	1025·0	1025·7	80·8	81·3	82	77	0·6	0·8	9·8	9·8	93	90	28	2	32	1	8	10	—	—	78	Dull.
16	1024·7	1021·3	80·5	81·7	82	79	0·0	0·1	10·5	11·2	100	100	32	2	Calm	0	10≡²	10●	—	—	77	Dull and calm.
17	1022·0	1018·9	82·2	80·9	84	75	0·7	0·0	10·5	10·5	92	100	Calm	0	24	3	6⌒	10●⁰	2·5	0·2	72	Dull and calm.
18	1021·6	1025·0	80·5	81·9	83	77	0·1	0·2	10·2	11·2	99	98	20	2	20	1	10	10●⁰	—	0·5	75	Dull.
19	1024·3	1024·7	82·2	82·1	84	81	1·8	1·6	9·2	9·2	79	81	Calm	0	Calm	0	10	10	—	—	80	Dull.
20	1024·7	1023·7	82·2	84·3	85	81	0·4	0·1	11·2	13·2	95	98	28	3	24	3	10●⁰	10	1·4	—	77	Drizzle all day.
21	1026·7	1027·1	84·3	83·3	87	82	0·2	1·2	12·9	10·5	96	85	24	3	24	4	10≡²	10	—	0·7	79	
22	1026·0	1023·0	83·9	84·0	86	82	1·5	1·2	10·9	11·2	82	86	28	3	20	3	10	10	1·3	—	81	Dull.
23	1019·9	1020·3	85·0	82·2	86	80	0·9	3·1	12·2	7·5	89	64	16	3	16	4	10	3	1·8	1·4	76	Beautiful evening.
24	1024·0	1020·6	81·1	83·6	84	76	1·1	1·7	9·2	10·2	86	80	20	3	28	3	5	10	6·6	—	72	Dull.
25	1008·4	1008·1	81·9	78·5	84	77	0·4	0·6	10·9	8·5	96	92	20	3	20	4	10●	10∩	7·0	0·5	72	∕ in past n.
26	982·0	989·8	83·5	73·6	85	74	2·0	0·0	9·8	6·5	77	100	28	5	16	3	8	10✻	8·0	0·8	73	∕● showers.
27	992·8	1007·4	71·6	74·8	77	71	0·0	0·2	5·4	6·8	100	97	24	8	24	2	10	10●	—	1·6	71	⊠ all day.
28	1005·7	997·9	73·4	75·8	77	71	0·6	0·1	5·4	7·5	88	99	Calm	0	32	1	10	10●✻	7·6	0·1	70	⊠
29	997·6	998·3	71·9	72·5	76	70	0·0	0·1	5·8	5·8	100	96	Calm	0	32	2	10≡	1	—	0·7	67	≡⁴ 7 h. Cleared 13 h.
30	1009·1	1011·5	67·2	68·6	75	n 67	0·3	0·0	3·4	4·4	85	100	Calm	0	4	3	2⌴	1	1·5	2·7	n 62	⋓ 6 h. 30 m.
Mean	1017·4	1017·7	80·1	79·9	83·1	77·1	0·7	0·7	9·6	9·4	91	91	2·3		2·2		7·9	7·5	52·0	1·25	74·2	
Mean Barometer at Station Level.	1015·5	1015·8																				

* Metres per second. † Beaufort Scale (0—12).

METEOROLOGICAL OFFICE, LONDON,
30th December 1912.

[*Price One Shilling.*]

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1912.

DEERNESS, ORKNEY, a.b.—DECEMBER 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 49·7 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h. *		21 h. *		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%					Tenths of Sky covered.		mm.	hr.	°	
1	1000·3	999·3	72·8	72·8	74	n 70	0·6	0·6	5·4	5·4	86	86	28	8	26	5	10✻	3	1·8	0·4	—	✻ a. Freezing keenly p. ⊠
2	1005·7	1016·9	74·0	73·9	76	72	0·5	0·7	6·1	5·8	91	87	26	5	28	6	6✻	2	—	0·9	—	✻ showers a. ⊕ 11 h. ⊠
3	1019·9	1011·5	76·5	77·8	78	72	1·1	0·0	6·5	8·5	84	100	14	8	18	5	9	10●	5·6	0·2	—	Fair and milder. ● from 17 h.
4	1006·4	1007·1	80·7	80·1	81	75	0·1	0·1	10·2	9·8	99	98	18	8	20	3	10	9	4·6	—	—	● 10 h.-17 h. [⊠
5	1005·7	1002·3	80·7	79·3	81	79	0·1	0·8	10·2	8·5	98	88	18	4	16	7	10	2	—	—	—	Dull, damp, and mild.
6	997·9	1002·0	78·5	79·8	80	79	0·6	0·3	8·2	9·5	92	96	16	3	16	5	10	7	0·4	0·6	—	Dull and mild. ∞
7	1006·1	1003·3	78·9	80·6	81	77	0·5	0·4	8·5	9·8	93	95	14	10	16	9	3	8	2·0	—	—	Fair and mild. ●⁰ 16 h.-18 h.
8	1009·1	1011·1	80·1	77·3	81	77	0·5	0·4	9·5	7·8	93	94	18	7	20	4	2	0	—	—	—	Fine and clear. [clouds.
9	1002·0	1001·3	80·0	79·1	81	77	1·2	1·3	8·5	7·8	83	83	14	13	22	9	10●⁰	1	2·1	—	—	●⁰ till noon. Mammalated
10	1009·4	1004·4	76·7	78·9	80	76	0·9	1·1	6·8	7·8	87	85	20	8	18	10	3	7	10·4	—	—	Fine and breezy all day.
11	982·7	983·0	80·6	78·9	82	77	0·6	0·7	9·5	8·5	93	90	14	16	20	8	10	8	3·3	—	—	∕ 3 h.-8 h. ● 0·30 h.-4 h. <
12	987·8	989·5	77·1	75·9	80	74	0·6	0·5	7·5	7·1	92	94	20	7	20	8	9✻	10✻	5·6	—	—	< n. ✻▲ showers p.
13	984·7	979·6	78·8	78·9	82	75	0·9	0·2	8·2	8·8	88	96	16	14	18	9	10●	10●	9·4	—	—	● till noon and at 19 h.
14	981·7	991·8	77·2	77·6	x 83	76	0·8	0·7	7·1	7·5	88	89	26	10	22	10	8	3	4·3	—	—	● n. and a. ∕ 4 h.-7 h.
15	991·5	994·9	75·9	74·8	78	74	1·3	0·5	6·1	6·5	80	92	24	14	22	7	9●	10✻	6·7	—	—	ꓘ 3 h. and 15 h. ▲ a. ✻▲ p.
16	993·5	989·8	75·0	76·0	76	74	1·0	0·9	5·8	6·5	84	86	22	10	22	12	6	8●	5·2	—	—	✻▲ till 19 h., then ●. <
17	990·5	987·4	74·5	72·8	77	73	0·6	0·0	6·1	6·1	91	100	20	5	24	5	8●	9✻	6·4	—	—	ꓘ 8 h. ✻ showers a. and p. ⊠
18	987·1	992·2	73·5	73·9	75	73	0·6	0·4	5·8	6·1	89	91	22	4	24	5	6▲	9✻	5·1	0·2	—	✻▲ n. ✻ showers all day. ⊠
19	988·4	982·7	75·3	80·6	81	74	0·3	0·7	6·8	9·5	95	91	14	12	18	10	10●	9	4·4	—	—	⊠. ● 7 h.-15 h.
20	996·6	1002·7	80·0	80·3	81	79	1·0	0·5	8·8	9·5	87	92	18	7	18	5	3	4	1·4	1·0	—	Fine.
21	1002·3	997·9	79·7	79·1	81	79	0·7	0·7	8·8	8·5	90	90	18	6	18	10	10	3	0·8	—	—	A few ● showers.
22	1000·6	1004·7	78·4	76·7	80	76	1·6	0·6	7·1	7·1	79	91	22	8	—	1	5	8	—	0·3	—	Very fine.
23	1000·6	999·6	78·6	77·0	79	75	1·4	0·8	7·5	7·1	82	89	14	6	18	5	9	0	—	—	—	Fair and breezy all day.
24	998·3	974·9	77·8	79·5	80	77	0·6	0·5	7·8	8·8	91	93	18	7	14	7	2	8	7·6	—	—	● 13 h. 30 m.-19 h. 30 m.
25	998·4	993·2	78·4	76·7	80	76	0·6	0·5	8·2	7·5	93	92	26	16	20	2	8	10●⁰	—	0·5	—	●² showers n. and a.
26	996·2	997·6	75·2	77·8	79	75	0·3	1·1	6·8	7·1	95	86	20	2	16	4	1	8	—	—	—	Fair all day.
27	1001·7	987·8	76·8	79·0	79	75	0·5	0·4	7·5	8·8	93	94	18	4	14	16	4	10●	12·7	1·1	—	● after 18 h.
28	980·0	993·2	79·8	77·3	80	77	0·3	0·8	9·5	7·5	97	89	16	4	20	7	10∞●²	2	0·6	0·2	—	● till 11 h. Muggy.
29	994·2	996·9	77·8	78·4	79	77	1·4	0·6	6·8	8·2	81	93	14	9	30	7	2	10	2·5	—	—	● showers after 16 h.
30	1009·8	1003·3	77·3	79·6	80	76	0·3	0·4	7·8	9·2	96	96	22	5	16	10	8●	10●	6·1	—	—	● showers a. ● after 19 h.
31	992·5	997·2	80·4	78·4	81	78	0·3	1·1	9·8	7·5	96	86	18	5	22	12	9	4	1·1	1·4	—	● till 4 h., then fair.
Mean	997·1	996·7	77·6	77·6	79·6	75·7	0·7	0·6	7·7	7·9	90	91	7·9		7·2		7·1	6·5	110·1	0·22	—	
Mean Barometer at Station Level.	991·1	990·7																				

ABERDEEN, a.e.—DECEMBER 1912.

Heights above Mean Sea Level:—Station, H = 14·0 m.; Barometer, H_b = 26·8 m. Heights above Ground:—Therms., h_t = 12·5 m.
Rain-gauge, h_r = 0·6 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 10 h.	Cloud 22 h.	Rain 10 h.	Sunshine	Min. Grass	Remarks.
1	1003·3	1001·7	69·1	63·2	71	61	1·1	0·6	2·4	2·1	55	68	26	3	22	3	0	0∞	—	4·7	—	⊠ 7 ins. ∞ n.
2	1007·4	1018·6	63·5	73·4	74	n 60	0·8	1·2	1·7	4·8	60	75	26	4	26	4	1	0	—	4·7	—	⊠ 6 ins. Cloudless. Ш⁰ n.
3	1023·0	1014·9	72·6	76·4	80	70	1·1	0·4	4·4	7·5	74	94	20	2	18	5	10∞	10	2·0	—	—	⊠ 4 ins. Drizzle p. and n.
4	1011·8	1009·4	81·5	82·9	84	79	0·8	0·8	9·8	10·9	89	90	18	8	20	7	10≡⁰	10≡⁰	—	—	—	Occasional ●⁰ a. ≡⁰ all day.
5	1009·8	1005·0	81·2	78·8	84	78	0·8	1·3	9·8	14·2	91	84	16	3	16	3	10≡⁰	?5≡⁰	—	—	—	≡⁰ throughout.
6	1001·0	1004·4	77·7	80·1	81	77	1·9	1·2	6·1	8·5	73	84	18	5	16	4	2	10	—	—	—	≡⁰ early. Fair to cloudy.
7	1008·8	1007·4	79·8	80·9	81	77	0·8	0·5	8·8	10·2	89	95	16	3	16	3	9	5	1·3	—	—	Cloudy to dull. ●⁰ p. [p.
8	1012·5	1014·5	80·7	79·1	82	79	1·0	1·2	9·2	7·8	87	85	18	5	20	2	9	0	—	—	—	Cloudy to dull. Cleared rapidly
9	1007·4	1005·0	80·2	80·9	82	78	1·0	2·1	8·8	7·8	86	74	16	6	24	4	10	8	0·8	—	—	●⁰ showers a. and p.
10	1013·5	1009·8	77·1	77·0	79	76	1·7	0·8	6·1	7·1	77	88	20	2	16	4	1	10	2·0	0·8	—	Fair to clear, then cloudy.
11	989·8	988·8	80·6	79·8	84	79	0·4	2·1	9·8	7·1	95	73	16	6	20	4	10●	1	2·3	—	—	Squally, with ●⁰ a.
12	991·5	993·9	76·1	76·9	80	76	1·2	1·2	6·1	6·8	81	83	18	2	20	5	6	1	—	1·1	—	Fair to clear. ∞⁰ midday.
13	992·2	983·7	80·1	81·3	86	76	0·8	0·7	8·8	9·8	89	91	16	5	16	6	10	8	—	0·3	—	Squally, with ●⁰ showers a.
14	988·4	997·6	80·6	78·7	x 87	77	2·5	2·1	7·1	6·8	69	74	22	8	20	6	1	1	1·0	1·0	—	Fair, but squally a. [24 h.
15	1000·0	999·3	77·8	75·7	79	75	2·9	1·4	5·4	5·8	62	80	22	7	20	4	1	10	0·5	0·9	—	< early. ●⁰ 6 h. and 23 h.-
16	1000·0	996·9	75·2	74·8	77	74	1·7	1·8	5·4	5·1	73	71	22	6	22	5	1	1	—	3·1	—	Fine and bright. ⋓ n.
17	996·2	991·8	75·4	74·9	76	73	2·0	1·7	5·1	5·1	70	73	22	5	22	4	2	3	—	—	—	Clear a., then cloudy.
18	989·1	997·2	72·2	73·5	75	72	0·1	1·9	5·8	4·1	97	65	24	4	20	4	3	1	3·3	3·2	—	✻⁰ (½ in.) a. Fine. ⋓ n.
19	992·2	988·8	77·3	82·9	84	74	0·4	1·7	7·8	9·5	94	79	16	5	20	9	10	7	—	—	—	● a., then dull and squally.
20	999·6	1005·4	82·4	83·3	84	82	0·5	1·0	10·9	10·9	94	88	18	3	18	2	10●	8	3·1	—	—	Dull to cloudy. ●⁰ showers.
21	1006·4	1003·7	81·1	78·7	83	79	0·3	1·5	10·2	7·5	96	81	—	1	18	4	10	0	—	—	—	≡⁰● showers a.
22	1004·7	1006·4	78·2	77·0	80	75	2·0	1·1	6·5	6·8	73	85	20	3	—	1	1∞	3⌴	—	1·8	—	Bright a. ⌴ a. and n. ⋓ n.
23	1003·3	1003·3	76·0	77·4	80	73	0·6	0·6	7·1	7·5	93	91	—	1	18	2	8∞⁰	3∞⁰	—	0·3	—	⌴ a. Cloudy to clear.
24	1001·7	975·6	77·8	80·7	81	76	0·8	1·6	7·5	8·5	87	80	18	3	20	10	10	6	5·3	—	—	● a. and p. Squally n.
25	996·2	992·2	79·0	78·1	81	76	2·6	1·7	6·5	6·8	67	77	22	7	20	4	1	5	—	2·4	—	Squally a.
26	997·6	998·9	73·5	74·7	76	73	0·9	0·5	5·4	6·5	84	91	—	1	28	3	?10∞	6	—	—	—	Dull to cloudy. ∞ all day.
27	1003·7	988·4	74·9	79·2	80	72	1·0	0·3	5·8	9·2	84	95	22	2	14	6	1	10	6·9	—	—	⌴ ∩ a. Cloudy to dull p. ● n.
28	984·1	997·9	81·2	76·4	82	76	1·0	1·3	9·5	6·5	87	80	20	3	18	2	1	1	—	3·7	—	Clear throughout.
29	997·6	995·2	75·1	76·8	79	75	0·8	0·8	6·5	7·1	88	89	16	2	26	7	4	0	—	0·2	—	⌴ early.
30	1013·8	1009·4	76·4	79·8	81	76	1·8	0·8	5·8	8·8	73	89	20	2	18	5	5	10	1·8	—	—	Fair a. Dull p. ●⁰ n.
31	997·9	1003·7	82·9	79·6	84	79	1·6	2·7	9·8	6·5	81	66	20	9	22	6	7	0	—	2·8	—	Fair to bright. Squally all day.
Mean	1001·5	1000·3	77·3	77·8	80·4	74·9	1·2	1·2	7·3	7·5	81	82	4·1		4·5		5·6	4·6	30·3	1·00	—	
Mean Barometer at Station Level.	998·0	996·9																				

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.

* Metres per second.

Wt. 39026—250—1/13.—N. & Co., Ltd. Gp. XV.

Fort William, Inverness-shire, a.—December 1912.

Heights above Mean Sea Level:—Station, H = 52·1 m.; Barometer, H_b = 11·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or *Velocity* (*metres per second.*) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	†		†		Tenths of Sky covered.		mm.	hr.	°	
1	1005·7	999·6	65·0	70·3	70	n 64	0·3	0·7	2·7	3·7	84	72	4	1	4	2	7	10	—	—	—	Sunny intervals.
2	1008·1	1021·6	69·1	64·1	71	n 64	0·5	0·3	3·4	2·4	74	79	4	1	8	2	8	0	—	—	—	Sunny intervals.
3	1021·3	1013·2	71·8	81·7	82	n 64	0·6	0·4	4·8	10·5	83	95	Calm	0	20	3	10✻⁰	10≡⁰●	22·9	—	—	✻● (sleet). ≡⁰ at times.
4	1009·8	1007·8	82·4	82·9	83	81	0·4	0·4	11·2	11·5	95	95	20	4	20	2	10≡⁰●	10≡⁰●	42·9	—	—	≡⁰● all day. Muggy.
5	1006·4	1002·0	81·3	79·5	83	80	0·5	1·5	10·2	7·8	93	80	20	4	8	1	10≡⁰●⁰	3	0·3	—	—	Fair generally.
6	999·3	1002·3	78·0	80·3	81	78	0·6	0·5	8·2	9·5	92	93	Calm	0	18	2	10≡⁰●⁰	10≡⁰●	5·3	—	—	Fair intervals. ●≡⁰.
7	1003·3	1004·4	82·4	82·7	84	79	1·8	1·5	9·2	9·8	79	81	20	2	20	3	10≡⁰●	9	13·0	—	—	Dull and showery.
8	1010·5	1012·5	81·3	80·2	84	80	1·5	1·6	8·8	7·8	80	79	20	4	20	2	7	6	4·8	—	—	Dull and showery.
9	1001·3	1005·7	80·6	78·5	82	78	1·0	1·5	9·2	7·1	87	81	20	6	20	4	10●	7●	17·8	—	—	Showery. Squally at times.
10	1012·8	1005·7	77·3	79·7	80	76	1·1	2·8	6·8	6·5	84	65	20	3	20	5	4	10	13·2	—	—	Fair generally.
11	985·4	988·1	82·8	79·7	85	77	0·4	1·9	11·5	7·5	95	75	20	6	20	3	10●	8<●⁰	22·1	—	—	⁄●² a.
12	993·9	996·9	77·0	77·4	80	75	0·8	1·1	7·1	7·1	88	83	20	4	20	3	10●	10●	36·1	—	—	●² at times. < n. Snow on [hills.
13	988·8	984·7	81·0	85·1	85	76	0·8	1·0	9·5	12·2	90	88	20	8	22	7	10●	10●	37·6	—	—	⁄●² all day.
14	993·2	998·3	81·9	78·9	x 86	77	0·6	0·4	10·5	8·8	93	94	24	7	22	4	10●⁰	10	13·0	—	—	Squally a. < n. ✻ at [times.
15	1003·3	1000·3	76·8	75·1	81	75	2·1	0·5	5·8	6·5	71	92	24	5	20	3	8●⁰	10●⁰	6·1	—	—	Bleak and showery. T⊠
16	1002·0	998·6	76·0	76·3	77	75	1·4	1·7	6·1	5·8	80	75	20	4	22	4	7●⁰	6	12·2	—	—	✻● (sleet) △ showers.
17	997·2	993·2	75·2	74·2	76	74	0·6	0·5	6·5	6·1	89	89	20	3	20	2	10	4●⁰	16·5	—	—	K 12 h. ✻△● showers.
18	991·8	998·3	74·1	73·8	75	71	0·6	0·8	5·8	5·4	88	85	20	2	20	2	10	10	17·8	—	—	✻● (sleet) ✻ showers. ⊠ 2 ins.
19	989·5	989·1	78·7	81·5	82	72	0·2	0·4	8·8	10·5	97	95	20	4	20	4	10≡⁰●	10≡⁰●	63·5	—	—	●≡⁰ all day.
20	998·3	1003·0	80·3	82·5	83	80	0·1	0·3	10·2	11·2	98	96	20	2	20	2	10●	10●⁰	19·0	—	—	Muggy with ●≡⁰.
21	1004·7	1003·0	80·5	79·7	82	79	0·8	0·5	9·2	9·2	89	94	24	1	20	4	9●⁰	10≡⁰●⁰	13·0	—	—	Muggy with ●≡⁰.
22	1005·0	1005·7	78·1	78·6	80	77	0·6	0·6	8·2	8·5	93	92	20	4	20	2	6	10●⁰	1·5	—	—	● showers. Fine intervals.
23	998·6	1001·7	79·2	76·9	81	76	0·8	0·6	8·5	7·5	88	92	20	3	20	2	10≡⁰●	10●	12·7	—	—	Dull with sleety showers.
24	996·2	978·3	79·1	80·1	81	76	1·9	1·3	7·1	8·2	76	83	20	2	20	3	10●⁰	10●	32·0	—	—	Dull. ●² at times.
25	999·3	998·3	77·9	77·5	80	76	1·6	1·7	6·8	6·5	78	75	20	3	20	4	8●⁰	6	8·4	—	—	Dull, showery, and squally.
26	994·2	998·9	75·2	73·4	77	73	1·1	0·9	6·1	5·1	82	82	Calm	0	Calm	0	10	0	—	—	—	Sunny intervals. Snow on hills.
27	1000·6	986·4	71·8	77·4	80	70	1·0	0·6	4·1	7·5	72	91	16	1	8	2	7	10●⁰	22·4	—	—	Fair a. Sleety rain p.
28	984·1	996·9	81·2	77·1	83	76	0·5	0·9	10·2	7·1	94	88	20	4	20	4	10≡⁰●	9●⁰	2·8	—	—	Showery.
29	991·2	1001·3	76·9	79·3	79	76	1·1	2·4	6·8	6·5	84	69	20	6	26	4	10≡⁰●	4	11·9	—	—	Showery.
30	1014·2	1006·7	78·2	80·6	81	76	1·5	0·5	7·1	9·8	80	94	20	3	20	4	6	10≡⁰●	47·0	—	—	Showery.
31	998·9	1004·0	82·0	78·6	82	78	0·7	1·2	10·5	7·8	92	85	20	6	20	4	10≡⁰●	10●⁰	13·0	—	—	Showery. Squally at times.
Mean	1000·3	1000·2	77·8	78·2	80·6	75·1	0·9	1·0	7·7	7·8	86	85	3·3		3·0		8·9	8·1	528·8	—	—	
Mean Barometer at Station Level.	998·9	998·8																				

Dundee, Forfarshire, c.d.—December 1912.

Heights above Mean Sea Level:—Station, H = 48·8 m.; Barometer, H_b = 50 m. Heights above Ground:—Therms., h_t = 1·16 m.; Rain-gauge, h_r = 0·3 m. Lat. 56° 28′ N. Long. 2° 56′ W. *Time*, Greenwich mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1005·0	1001·3	68·3	69·8	71	n 67	0·2	0·1	4·1	4·8	92	96	28	1	28	1	5	10	—	—	—	⌴. Overcast from 17 h.
2	1008·1	1019·6	69·9	70·2	73	68	0·2	0·0	4·4	5·1	94	100	28	1	28	1	5	0	—	—	—	⌴
3	1024·7	1016·9	70·8	73·7	74	n 67	0·0	0·1	5·1	6·5	100	98	28	1	24	1	10	10	2·3	—	—	Dull. ✻● (sleet) showers 17 h.
4	1012·8	1009·8	80·8	82·0	83	74	0·6	0·6	9·8	10·5	93	93	20	3	20	5	10	10	2·0	—	—	● n. and 14 h.–16 h. 30 m.
5	1010·1	1004·7	80·5	74·7	84	74	0·8	0·2	9·2	6·8	89	96	16	3	4	1	10	10	—	—	—	Dull and cloudy.
6	1002·0	1005·7	74·6	79·1	81	73	0·2	0·5	6·8	8·8	97	92	20	1	20	1	10	10	0·3	—	—	Dull and cloudy. ● 14 h.–17 h.
7	1009·1	1008·1	77·3	80·0	81	75	0·1	0·2	8·2	9·8	98	98	16	1	16	3	10	10●	1·8	—	—	Dull and cloudy. ● 14 h.–15 h.
8	1012·8	1015·5	80·0	77·7	81	77	0·3	0·2	9·5	8·5	96	98	16	1	20	1	10	10	0·8	—	—	Dull and cloudy. ● 15 h.–16 h.
9	1008·8	1007·1	79·5	79·0	82	75	0·9	0·9	8·5	8·2	87	88	20	3	20	3	10	10	1·8	—	—	Dull and cloudy.
10	1013·5	1010·5	74·7	76·9	80	73	0·1	0·8	6·8	7·1	98	88	20	1	20	1	7	10	1·3	—	—	Dull and cloudy.
11	989·8	990·1	82·4	79·1	x 85	77	0·6	0·6	10·9	8·5	92	90	20	5	20	1	10≡	10	—	—	—	≡ early. Dull and cloudy.
12	993·9	996·9	76·3	77·4	80	76	0·5	0·6	7·1	7·5	92	90	24	3	20	5	7	10	1·5	—	—	≡ from 16 h. ● 18 h.–19 h.
13	994·2	986·8	80·8	83·3	84	76	0·7	0·3	9·5	11·9	92	96	20	5	20	5	10●	10	8·4	—	—	●⁰ 7 h.–12 h. ● from 18 h.
14	992·8	998·6	80·2	79·0	x 85	79	1·1	0·8	8·5	8·5	85	89	20	8	20	3	10	10	2·3	—	—	⁄ till 12 h. ●⁰ from 20 h.
15	1003·0	1001·3	77·0	75·8	80	75	1·1	0·6	6·8	6·8	84	91	20	5	20	1	5	10	1·3	—	—	Cloud and sunshine till 13 h.
16	1003·0	1000·0	74·2	74·7	76	74	0·5	0·6	6·1	6·1	89	90	24	3	24	1	7	10	1·5	—	—	✻⁰ 17 h. 30 m.
17	998·9	994·5	74·1	73·3	76	73	0·2	0·3	6·5	5·8	96	94	24	3	20	3	10●	10✻●	5·1	—	—	✻● (sleet) 9 h.–18 h.
18	991·5	997·9	73·6	73·0	75	72	0·6	0·6	5·8	5·4	89	87	24	3	24	1	10	7	2·5	—	—	Cloud and sunshine 9 h.–15 h.
19	993·2	991·2	77·4	81·6	82	72	0·0	0·8	8·5	9·8	99	89	20	3	20	5	10●⁰	10	2·3	—	—	●⁰ 7 h. till n.
20	1000·0	1005·4	82·4	83·3	x 85	81	0·8	0·9	10·5	11·2	91	89	20	3	20	3	10	10	0·3	—	—	Cloud and sunshine 11 h.–14 h.
21	1006·7	1005·0	82·3	78·5	x 85	77	0·7	0·6	10·5	8·5	92	92	16	3	20	1	10	10●	4·6	—	—	Dull and cloudy. ● from 12 h.
22	1006·1	1006·4	76·4	76·6	80	76	0·5	0·0	7·1	7·8	92	100	20	1	20	1	3	10	0·3	—	—	Fine till 14 h.
23	1003·3	1003·0	76·1	78·1	79	73	0·2	0·7	7·5	7·8	97	91	12	1	20	3	10	5	0·3	—	—	Dull and cloudy. ⁄ from 19 h.
24	1001·3	980·0	77·5	80·0	80	76	0·2	1·3	8·2	8·2	96	83	12	1	20	8	10	10	3·8	—	—	●⁰ from 14 h.
25	1000·3	996·6	77·9	78·0	80	77	1·5	1·7	6·8	6·8	80	77	20	3	20	8	7	5	—	—	—	⁄ 17 h. till n.
26	996·6	998·9	74·1	75·5	79	73	0·1	0·5	6·5	6·8	98	92	32	1	4	1	10	10	—	—	—	Dull and cloudy.
27	1004·0	987·4	71·9	77·7	79	71	0·0	0·0	5·8	8·5	100	100	16	1	12	3	10	10●	5·1	—	—	Dull and cloudy. ● 16 h.–21 h.
28	984·7	999·3	80·9	75·5	82	75	0·6	0·5	9·8	6·8	93	92	20	5	20	5	10≡	5	—	—	—	≡ till 11 h.
29	997·2	996·2	74·7	77·4	79	73	0·3	0·8	6·5	7·5	95	88	16	1	20	3	7.	10●	1·3	—	—	Fine till 11 h. ● 17 h.–18 h.
30	1014·9	1011·1	76·8	80·0	81	75	0·5	0·6	7·5	9·2	93	92	20	3	20	3	10	10	1·0	—	—	Dull and cloudy.
31	1002·3	1004·4	82·0	79·4	83	79	0·9	0·8	10·2	8·5	89	88	20	5	20	5	10	7	0·3	—	—	Dull till 12 h., then fine.
Mean	1002·7	1001·6	77·0	77·4	80·1	74·3	0·5	0·6	7·7	7·8	93	92	2·6		2·8		8·8	9·0	52·2	—	—	
Mean Barometer at Station Level.	996·6	995·5																				

† Beaufort Scale (0—12).

Glasgow, Lanarkshire, a.—December 1912.

Heights above Mean Sea Level:—Station, H = 54·9 m.; Barometer, H_b = 56·1 m. Heights above Ground:—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 55° 53′ N. Long. 4° 18′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or *Velocity* (*metres per second.*) 9 h.		21 h.		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	°	°	millibar.		%	%	*		*		Tenths of Sky covered.		mm.	hr.	200 + °	
1	1005·4	1000·0	69·3	71·3	72	n 68	0·3	0·1	3·7	5·4	83	98	—	0	6	3	7⌴∞	10✻	0·3	—	n 61	⌴≡∞ a. ✻⁰ p.
2	1007·8	1021·0	71·8	70·2	74	70	0·6	0·4	4·8	4·1	82	81	—	0	—	0	8∞	10∞	0·5	—	70	⊠∞⁰
3	1023·7	1015·9	72·3	82·4	82	68	0·4	0·2	5·1	11·5	89	98	—	1	20	4	10✻≡⁰	10	3·0	—	63	✻● (sleet) ✻ showers.
4	1013·2	1010·8	83·2	83·0	85	82	0·9	0·6	10·9	11·2	89	93	18	6	18	7	10	10●⁰	3·2	—	75	Dull. Drizzle 18 h. 30 m.
5	1009·1	1003·3	81·3	76·3	84	76	1·2	1·1	9·2	6·5	84	83	18	5	—	1	10	7	—	—	80	Drizzle early a. Dull.
6	1000·6	1005·4	79·1	80·4	81	76	1·1	0·8	8·2	9·2	85	89	16	2	20	5	10	10	1·6	—	71	● 16 h. 30 m.–18 h.
7	1006·1	1007·4	81·1	81·9	82	79	1·0	0·7	9·5	10·2	88	91	14	4	—	1	10●⁰	10	0·6	—	75	Dull, with drizzle.
8	1012·8	1014·9	81·3	79·2	82	79	0·6	0·7	10·2	8·5	92	89	18	2	18	3	8	5	2·4	—	78	Dull and cloudy.
9	1006·1	1008·8	80·7	79·6	83	79	0·9	1·6	9·2	7·8	89	78	18	8	24	4	10●	7	8·1	—	75	● 8 h. 40 m.–14 h. 30 m.
10	1014·9	1009·4	77·9	78·8	80	77	0·9	1·4	7·5	7·5	86	82	22	2	16	4	7	10	2·4	—	73	Dull and cloudy.
11	990·8	990·5	83·5	80·2	85	79	0·9	1·1	11·2	8·5	89	85	18	9	20	3	10	10	7·1	—	76	● till 7 h. ●² p. Squally.
12	995·9	998·9	76·8	77·9	80	76	0·5	0·9	7·5	7·5	93	87	26	4	26	4	7	5	13·5	0·2	75	●² a. ● 17 h.–20 h.
13	994·2	988·8	81·0	83·9	84	78	0·5	0·2	9·8	12·6	94	97	20	9	20	10	10●	10●	16·1	—	75	Squally. ● 4 h.–midt.
14	996·9	999·6	81·2	81·0	x 86	80	1·7	0·7	8·5	9·8	79	92	24	9	22	7	10	10	3·9	—	80	Dull and squally. ●⁰ showers.
15	1005·7	1000·6	79·3	76·9	81	76	2·5	0·4	6·5	7·8	68	95	24	10	18	4	10	10●	3·3	—	76	Squally and showery.
16	1005·4	1002·3	75·1	75·2	78	74	0·4	1·1	6·8	6·1	93	83	24	4	22	6	7	8	13·2	—	73	✻⁰ a. K 14 h. and 20 h. ▲ 14h.
17	1001·0	995·2	75·1	74·9	77	74	0·5	0·4	6·8	6·5	93	94	22	7	22	2	10	10	10·9	—	72	K▲ 1 h. ✻ a. and p. Ш 18 h.
18	993·5	1000·0	74·2	74·6	76	74	0·7	0·5	5·8	6·5	87	91	26	2	22	2	10	7	9·4	—	72	● 0 h.–2 h. ✻ a. Шp. [Ш 21 h.
19	993·2	992·5	80·3	82·8	83	74	0·3	1·4	9·8	9·8	95	83	18	7	20	9	10●	10●⁰	6·0	—	71	● 2 h.–10 h. Squally p.
20	1000·6	1005·0	82·6	83·8	85	82	0·6	0·9	10·9	11·5	92	90	18	5	18	6	10	10●	5·8	0·4	81	Dull and cloudy.
21	1007·4	1006·1	81·9	79·3	84	79	0·4	0·7	10·9	8·5	96	90	22	3	20	4	10	10	5·8	—	81	● 0 h.–2h. and 6 h.–9 h.
22	1007·4	1007·1	79·0	78·2	80	78	0·5	0·4	8·8	8·5	93	95	22	2	20	2	6	9	—	0·1	77	Dull and cloudy.
23	1001·3	1004·0	80·2	79·6	81	77	1·0	0·9	8·8	8·5	86	86	14	3	18	2	10	10	1·3	—	75	Cloudy. Ш 19 h. 30 m.
24	998·9	985·1	79·4	80·3	81	78	1·0	1·6	8·2	8·2	86	78	16	3	24	15	10	10	12·0	—	77	● 8 h.–10 h.
25	1002·0	1000·0	79·1	77·9	81	77	1·3	0·9	7·8	7·5	83	88	20	5	22	6	8	10●	2·3	—	77	● till 2 h. 30 m. Drizzle p.
26	993·5	999·3	75·7	76·8	78	75	0·5	1·1	6·8	6·8	92	85	6	4	—	1	10	3	—	—	73	Overcast a. Dull p.
27	1002·3	987·1	73·5	82·8	83	73	0·1	0·7	6·1	10·9	97	91	6	3	20	6	10⌴	9	9·6	—	69	⌴. Dull. ● p.
28	988·4	998·9	80·9	78·4	83	78	0·6	1·6	9·8	7·1	93	80	22	7	22	5	10●⁰	2	0·5	0·2	77	Showery a.
29	995·6	1001·0	77·4	79·2	80	76	1·3	1·8	6·8	7·1	80	77	18	8	28	7	10●⁰	3	4·3	—	73	Drizzle a. Squally, with ● p.
30	1016·6	1010·5	78·1	80·9	81	77	1·1	0·7	7·5	9·8	84	92	20	3	18	9	9	10●⁰	10·6	—	74	Dull a. Gloomy p.
31	1003·3	1006·1	82·4	80·1	82	80	0·9	0·9	10·5	8·8	88	88	20	9	22	6	10	5	0·2	0·8	79	Fair till 15 h.
Mean	1003·0	1002·4	78·6	79·0	81·2	76·4	0·8	0·9	8·2	8·4	88	88	4·7		4·8		9·3	8·4	157·9	0·05	74·3	
Mean Barometer at Station Level.	996·1	995·6																				

Cockle Park (near Morpeth), Northumberland.—December 1912.

Heights above Mean Sea Level:—Station, H = 98·7 m.; Barometer, H_b = 100·8 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 55° 13′ N. Long. 1° 41′ W, *Time*, Local mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. 9 h.	Dep. 21 h.	V.P. 9 h.	V.P. 21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1006·4	1000·3	68·2	70·9	72	n 65	0·7	0·5	2·7	4·4	67	85	24	3	24	1	7	10✻	2·0	—	n 64	✻⁰ from 18 h.
2	1007·1	1020·6	73·4	70·4	75	70	0·3	0·5	6·1	4·1	96	82	24	1	24	1	10✻	2	0·3	—	70	✻⁰ n. and a. Frosty n.
3	1025·7	*1020·3*	72·1	77·1	77	69	0·8	0·3	4·4	7·8	79	97	20	1	24	1	10	10	3·8	—	65	● during day. Fair n.
4	1017·6	1015·2	82·8	82·8	85	77	0·7	1·0	10·9	10·5	90	88	20	2	20	3	8	8	—	—	75	Fair, but dull.
5	1012·8	1005·7	77·0	74·3	83	74	0·2	0·4	7·8	6·1	96	93	20	2	20	1	4	4	—	—	75	Fair, but dull.
6	1004·0	1008·1	73·7	77·8	80	72	0·2	0·7	6·1	7·8	95	89	20	1	20	2	8	4	—	—	71	Fair, but dull.
7	1011·8	*1009·8*	76·4	79·9	81	75	0·3	0·4	7·5	9·5	95	95	20	3	20	2	8	3	1·8	—	71	Showery a. and afternoon.
8	1016·2	1018·3	80·6	79·1	82	77	0·5	0·7	9·8	8·5	94	91	20	1	20	3	5	7	0·5	—	74	Showery afternoon.
9	1012·1	1010·8	79·1	80·1	82	79	0·9	0·6	8·2	9·2	87	91	20	3	20	1	7	2	0·5	—	73	Showery a. and afternoon.
10	1016·6	1010·8	76·2	76·4	80	74	0·3	0·7	7·1	6·8	94	88	24	1	24	1	8	4	0·3	—	72	Fair, but dull.
11	995·9	993·5	82·2	80·7	85	75	1·2	0·9	9·8	9·2	84	89	24	6	20	2	6	8	1·3	—	71	Showery.
12	995·9	1000·0	77·4	79·3	81	76	0·8	0·5	7·5	8·8	89	93	24	4	24	5	4	8	1·5	—	74	Showery evening and n.
13	1000·6	990·8	81·7	85·0	x 86	79	1·0	0·4	9·8	13·2	87	95	20	5	24	7	8	6	4·3	—	74	Showery.
14	996·2	1002·0	82·3	79·9	x 86	79	1·3	0·2	9·8	9·5	83	97	24	6	24	4	4	4	3·8	—	79	Overcast. Showery n.
15	1008·8	1003·3	78·8	76·5	81	74	0·4	0·3	8·8	7·5	95	95	24	6	24	2	3	6	6·4	—	75	Showery.
16	1006·1	1003·7	75·2	75·3	81	74	0·6	0·9	6·5	6·1	91	86	24	4	24	5	2	1	0·3	5·2	72	Fine.
17	1002·7	996·9	74·8	75·6	77	74	0·6	0·7	6·1	6·5	89	90	24	4	24	4	4	3	0·8	2·3	72	✻⁰ in past n. Fair.
18	992·2	1001·0	74·6	73·7	76	73	0·5	0·5	6·1	5·8	92	91	24	4	24	3	2	1	—	4·7	71	Showery n. Fair.
19	998·3	995·9	78·5	82·4	83	73	0·4	1·2	8·5	9·8	94	85	24	3	24	4	8	7	—	—	71	Fair, but dull.
20	1004·4	1010·1	83·5	84·2	85	81	1·4	0·8	10·5	11·9	84	90	24	2	24	3	7	7	—	3·3	81	Fine.
21	1010·5	1008·4	82·1	78·1	84	77	0·9	0·2	10·2	8·5	88	97	24	3	24	3	4	10	1·3	0·2	79	Showery afternoon and evening.
22	1008·8	1008·4	78·8	77·0	80	76	0·4	0·3	8·8	7·8	96	96	24	2	24	1	2	3	0·3	5·0	73	Fine.
23	1006·1	1006·1	75·9	77·3	80	74	0·6	0·6	6·8	7·5	92	92	20	2	20	1	7	1	0·5	0·2	71	Showery.
24	1006·1	990·5	77·6	80·3	82	77	0·2	2·2	8·2	7·5	97	72	16	2	24	7	7	7	3·6	—	71	Wet afternoon.
25	1003·0	998·9	79·0	77·5	81	77	1·6	0·9	7·5	7·5	79	87	24	5	24	5	7	2	0·3	—	76	Showery afternoon.
26	997·2	996·6	75·3	79·4	80	74	0·3	0·8	6·8	8·5	95	88	12	1	12	1	10	10	10·2	—	72	Wet afternoon.
27	1005·0	991·8	75·4	78·9	80	74	0·1	0·1	7·1	9·2	98	97	12	1	16	2	3	10	6·9	—	70	Wet afternoon and n.
28	989·8	1001·7	81·0	77·0	81	77	0·9	0·8	9·5	7·1	89	88	24	4	24	1	2	4	—	3·9	77	Fine.
29	1001·0	996·9	75·4	78·9	79	74	0·5	0·5	6·8	8·5	92	94	20	1	24	6	3	10	0·8	2·2	71	Fine. ● n.
30	1017·9	1015·9	77·2	79·2	80	75	0·1	0·3	8·2	8·8	97	94	24	2	20	1	3	5	0·5	2·8	72	Fine. ● showers n.
31	1008·1	1009·8	82·1	79·0	83	79	0·6	0·2	10·9	9·2	94	97	24	2	24	1	10	1	1·0	1·3	77	Fine.
Mean	1006·0	1004·6	77·6	78·2	80·9	75·0	0·6	0·6	7·9	8·2	90	91	2·8		2·7		5·8	5·4	53·0	1·00	72·9	
Mean Barometer at Station Level.	993·6	992·2																				

* Metres per second. † Beaufort Scale (0—12).

DOUGLAS, ISLE OF MAN, a.—DECEMBER 1912.

Heights above Mean Sea Level:—Station, H = 84·5 m.; Barometer, H_b = 86·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·25 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second). 9 h. †		21 h. †		Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%					Tenths of Sky covered.		mm.	hr.	200+ °	
1	1006·1	997·6	72·7	75·9	77	n 71	1·1	0·1	4·4	7·5	74	98	26	1	24	2	10~	10●	15·2	—	n 68	✻~. ✻● (sleet) ✻ showers.
2	1006·7	1021·3	78·7	75·2	80	75	0·8	1·6	8·2	5·4	90	74	24	2	30	1	8	0⌴	1·8	1·4	71	● showers. ⌴ p.
3	1024·3	1021·3	79·9	82·9	83	74	0·2	0·0	9·5	12·2	98	100	14	3	20	3	10●≡^{0}	10≡	6·5	—	70	⌴~ early. ≡●. ≡^{2} after 16 h.
4	1018·3	1015·5	83·2	82·4	84	82	0·1	0·5	12·2	10·9	99	93	18	4	16	6	10≡^{0}	10●	0·8	—	79	Dull and squally. ● after 18 h.
5	1010·5	1003·7	80·5	80·2	83	79	1·0	1·6	8·8	7·8	86	78	14	3	16	2	8	10	24·9	—	79	Dull.
6	1001·0	1009·1	82·2	80·1	82	79	0·5	1·2	10·9	8·5	93	84	16	4	20	2	10	0	4·1	1·3	76	Showery a. Cloudy and squally.
7	1008·1	1009·8	82·2	83·0	83	80	0·9	0·6	10·2	11·2	89	93	16	4	18	3	10	10	1·1	—	76	Squally. ● showers till 16 h.
8	1015·2	1017·6	82·3	80·7	84	79	0·7	0·6	10·5	9·8	91	93	18	2	20	2	7	0	0·3	0·3	80	Occasional ●^{0}.
9	1011·1	1012·1	82·3	80·2	83	80	1·4	1·5	9·5	8·2	82	79	16	5	26	2	10●	8	8·6	—	75	Overcast, wet and squally.
10	1016·6	1013·2	76·3	80·4	81	76	0·8	1·0	6·8	8·8	87	87	28	1	16	3	4	7	1·4	1·2	73	⌴ early. Gloomy.
11	997·9	993·9	83·0	79·8	84	80	0·1	1·2	12·2	8·2	99	83	18	6	24	4	10	10●	1·4	—	74	Squally. ● showers p.
12	1001·0	1004·7	78·6	81·0	81	77	1·2	1·2	7·8	8·8	85	84	28	4	24	7	4	4	3·4	3·2	75	Squally.
13	1004·4	1000·3	81·9	84·2	x 85	78	1·0	0·3	9·8	12·6	87	96	20	6	22	6	10●	10●	5·9	—	77	Overcast, wet and squally.
14	1004·4	1005·0	83·3	81·4	x 85	81	2·0	0·2	9·5	10·9	77	98	24	7	24	4	8	10●	5·9	—	80	Dull and squally, with ●.
15	1012·8	1006·4	81·3	79·7	83	78	1·5	1·1	8·8	8·2	80	84	22	8	24	7	10	3	2·6	—	77	⁄▲●
16	1010·5	1008·4	76·9	76·7	81	76	1·7	1·5	6·1	6·5	77	79	24	4	24	6	7	3	—	4·5	74	▲●. Squally.
17	1007·1	999·3	76·2	78·2	80	76	1·2	1·3	6·5	7·1	82	82	24	5	24	3	3	10●	3·7	—	74	⌴. Dull and squally. ● p.
18	997·2	1003·0	76·3	75·5	79	75	1·6	1·0	5·8	6·1	75	83	26	5	24	2	4	10	5·7	3·2	74	▲●. Squally. ⌴ p.
19	999·3	998·9	82·0	83·0	83	76	0·7	1·5	10·5	10·2	92	82	20	6	20	8	6	10	0·3	—	73	⁄● showers.
20	1004·4	1009·8	83·0	83·3	84	82	0·6	0·5	11·2	11·5	93	93	18	6	16	5	10	10	0·3	—	80	Squally. ●^{0} showers.
21	1010·8	1009·8	82·2	79·1	84	78	0·3	0·2	11·2	9·2	96	96	20	4	20	2	10	10	5·3	—	81	Squally, with ●^{0} showers. [18 h.
22	1012·5	1008·4	79·3	79·5	81	79	0·3	0·4	9·2	9·2	96	94	20	1	26	1	10	8	1·8	1·9	76	Mild and cloudy.
23	1000·3	1006·7	82·0	80·6	82	78	0·0	0·4	11·5	9·8	100	95	20	5	24	2	10●	8	3·4	1·9	75	● till 10 h. ● showers from
24	999·3	1000·6	81·3	80·2	83	80	0·8	3·1	9·8	6·5	90	62	16	5	24	10	10●	4	4·3	—	76	⁄●. Hurricane 16 h. ▲● [13 h.
25	1005·7	1005·4	80·4	78·3	82	78	0·8	1·8	9·2	6·8	89	77	20	2	24	4	10	2	3·6	—	77	Squally, with ● showers.
26	988·1	999·6	78·1	77·2	80	77	0·0	0·8	8·8	7·5	100	90	10	8	28	1	10●	2	5·8	—	74	⁄ a. Overcast, wet and stormy.
27	1002·7	991·5	79·7	83·0	84	74	1·0	0·1	8·5	12·2	86	99	14	3	20	4	10	10	7·8	—	71	⌴ a. Squally, with ● showers. [⌴ p.
28	994·9	1001·7	81·1	77·5	83	77	1·4	0·8	8·8	7·5	82	89	24	4	24	2	7	0	—	2·7	77	●^{0} showers.
29	1001·3	1006·7	78·8	80·2	80	77	1·9	1·8	6·8	7·8	76	76	20	4	24	10	10●	2	1·1	—	73	● showers. ⁄ n.
30	1020·3	1016·9	78·5	81·2	81	78	0·8	0·4	8·2	10·2	90	94	24	3	20	6	6	10●	10·9	—	76	Squally. ● after 16 h.
31	1010·5	1010·8	81·9	81·3	83	81	0·6	0·6	10·5	9·8	93	92	20	7	20	3	10	8	0·3	0·8	76	Stormy and showery.
Mean	1006·6	1006·7	80·2	80·1	82·2	77·8	0·9	0·9	9·1	8·9	88	87	4·3		4·0		8·5	6·7	138·2	0·72	75·4	
Mean Barometer at Station Level.	996·0	996·2																				

STONYHURST, LANCASHIRE, a.—DECEMBER 1912.

Heights above Mean Sea Level:—Station, H = 114·3 m.; Barometer, H_b = 110·6 m. Heights above Ground:—Therms., h_t = 2·1 m. Rain-gauge, h_r = 0·6 m. Lat. 53° 51′ N. Long. 2° 28′ W. *Time*, Local mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Press. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. *		Wind 21 h. *		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1008·1	998·6	70·2	73·4	74	n 67	1·0	0·8	3·1	5·4	64	84	—	1	6	2	8	10✻	21·1	—	n 64	✻^{2} 17 h.–22 h.
2	1007·8	1020·6	76·5	75·1	77	74	0·9	1·1	6·8	6·1	87	84	28	2	—	1	10●^{0}	5	4·1	—	69	≡^{0}● all day.
3	1028·1	1023·7	74·7	79·7	80	71	1·9	0·6	4·8	9·2	70	92	—	1	18	2	10≡^{0}	10≡^{0}	6·1	—	68	Overcast, with ●^{0}≡^{0}.
4	1017·9	1018·3	83·1	82·3	84	78	0·9	1·5	10·9	9·5	88	80	18	3	18	6	10	10≡^{0}	—	0·5	72	Cloudy and misty.
5	1012·8	1005·7	79·1	76·9	82	75	3·1	1·5	5·8	6·5	61	79	12	3	14	2	8	10	—	0·2	74	Thin clouds and mist.
6	1004·4	1011·5	80·8	78·0	82	76	1·1	1·2	9·2	7·1	86	83	16	7	20	2	8	0	—	—	71	Fair, but misty.
7	1012·1	1012·1	78·8	81·9	83	75	0·8	0·8	8·2	10·2	90	90	16	4	—	1	10≡^{0}	0≡^{0}	0·3	—	71	Thin clouds and mist.
8	1017·2	1020·3	81·1	81·3	83	80	0·9	1·6	9·5	8·5	89	79	16	3	18	2	8≡^{0}	10	—	—	77	Fair, but overcast.
9	1015·5	1011·5	78·0	81·9	82	77	1·1	0·6	7·5	10·5	84	93	16	3	22	3	4≡^{0}	10	3·8	—	75	●^{0} showers, then fair.
10	1017·6	1015·2	76·3	76·1	82	75	0·5	0·9	7·1	6·8	91	87	—	0	—	0	10≡^{0}	10≡^{0}	0·3	—	71	⌴. Very misty.
11	1002·7	995·2	80·8	81·3	85	75	1·1	0·8	9·2	9·8	86	90	18	5	24	3	10≡^{0}	10≡^{0}●	12·4	—	72	Dull and dark. ● 16 h.-midt.
12	1000·6	1006·7	77·4	79·7	82	76	1·1	1·7	7·1	7·5	84	77	22	4	20	7	8	10≡^{0}●	5·1	1·0	74	▲● 6 h. ● showers n.
13	1007·8	1002·3	82·0	83·8	84	79	1·2	0·8	9·5	11·5	85	91	22	8	22	7	10●	10●	9·9	—	75	Squally, with ●^{2} showers.
14	1005·0	1005·7	84·1	83·6	x 86	82	0·8	0·6	11·9	11·9	90	93	22	10	20	7	10	10●	16·0	—	81	● 19 h.–21 h. and 23 h.-midt.
15	1015·2	1008·1	81·2	80·2	84	79	2·1	0·9	8·2	8·8	75	87	22	9	24	5	10	10●	1·6	—	77	Fair a. ●^{0} in evening.
16	1011·1	1009·1	77·4	77·0	80	76	1·9	1·8	6·1	6·1	73	75	24	5	24	5	7	5	1·3	2·3	74	▲ showers. Sunny intervals.
17	1008·1	1001·3	76·3	77·2	80	75	1·6	1·4	5·8	6·5	75	80	24	2	26	6	5	10●^{2}	16·0	1·7	72	Dull and dark. T▲●.
18	997·2	1004·4	77·1	75·2	79	75	2·0	1·1	5·8	6·1	72	82	24	5	24	2	7	4	5·2	1·0	73	Sunny intervals. ✻▲● n.
19	1003·0	1002·7	80·2	82·4	82	75	1·1	2·4	8·5	8·5	85	70	18	4	20	8	7	8	—	0·4	71	Overcast, calm, and mild.
20	1006·7	1012·5	83·6	83·9	85	82	1·5	1·3	10·5	10·9	82	85	18	4	16	8	9≡^{0}	10	1·0	—	79	Fair a. ● 16 h.–17 h.
21	1014·2	1011·1	80·2	80·1	84	79	1·1	1·0	8·5	8·8	85	86	16	3	24	2	0≡^{0}	10●	1·5	—	77	Overcast, calm, and very mild.
22	1010·5	1009·8	79·7	76·4	80	76	0·6	0·6	9·2	7·1	92	90	—	0	—	1	10	10≡c	0·6	—	75	Thick mist all day.
23	1007·4	1008·4	79·1	78·6	82	76	1·1	1·0	7·8	7·8	84	87	18	2	—	1	10●	0≡^{0}	0·3	—	73	● shower 10 h., then fair.
24	1006·1	1001·7	79·1	80·8	82	77	1·1	3·0	7·8	6·8	84	65	16	4	22	11	8	10	2·9	—	74	Fair a. ✻▲● noon–13 h.
25	1009·4	1006·1	78·6	78·9	81	77	1·7	1·9	7·1	7·1	78	75	20	2	22	4	10	8	5·6	—	75	Overcast, calm and mild.
26	992·2	995·9	78·0	78·1	79	76	1·3	1·6	7·1	6·8	82	79	8	6	30	2	10●	3	2·8	—	71	Dark and gloomy. ● 9 h.–14 h.
27	1005·0	994·2	77·4	83·0	83	76	1·1	0·6	7·1	11·2	84	93	—	0	16	7	10	10●	2·0	—	72	● from 14 h.
28	996·6	1003·3	81·4	76·9	84	75	0·6	1·1	10·2	6·8	92	84	22	6	—	1	9	0	0·9	0·1	75	●^{0} 10 h.–11 h. Dull.
29	1004·0	1006·7	75·9	80·1	80	75	1·1	1·8	6·1	7·8	83	77	22	2	24	10	10	10●	7·9	0·2	71	Frosty a. ● from 17 h. 30 m.
30	1021·6	1020·3	79·2	80·8	81	78	1·1	1·7	8·2	8·2	84	79	22	3	20	5	10	10	—	—	72	Very mild.
31	1013·8	1013·2	81·9	80·2	82	80	1·8	1·1	8·8	8·5	77	85	20	7	20	3	10	3	7·1	—	75	Squally, with ● showers a.
Mean	1009·0	1008·3	79·0	79·5	81·7	76·4	1·3	1·3	7·8	8·2	82	83	3·8		4·1		8·6	7·6	135·8	0·24	73·2	
Mean Barometer at Station Level.	995·3	994·6																				

* Metres per second. † Beaufort Scale (0—12).

SHREWSBURY, SHROPSHIRE.—DECEMBER 1912.

Heights above Mean Sea Level:—Station, H = 57·9 m.; Barometer, H_b = 64·7 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Bar. 9 h. (millibar)	Bar. 21 h.	Temp. 9 h. (200+)	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Press. 9 h. (millibar)	21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h. (Tenths of Sky covered)	Cloud 21 h.	Rain (mm.)	Sunshine (hr.)	Min. Temp. on Grass (200+)	Remarks
1	1008·4	999·6	73·0	77·2	79	n 71	0·0	0·3	6·1	7·8	100	96	18	1	20	3	10	10●	3·1	—	n 68	Dull and cold, with ✻●.
2	1009·4	1020·6	77·4	78·1	79	75	1·1	1·5	7·1	7·1	85	80	24	3	22	3	2	8	0·5	—	72	Fine and sunny a. ● p.
3	1028·1	1024·7	73·7	83·1	84	72	0·1	0·6	6·5	11·5	98	93	16	1	16	2	9	10	1·0	—	70	Dull and cold a. ● p.
4	1023·0	1019·9	83·2	82·1	86	82	0·5	1·3	11·5	9·5	95	83	16	2	16	2	10	10	—	—	77	Dull and very mild.
5	1013·5	1006·1	77·5	77·3	84	76	1·7	0·7	6·5	7·5	75	90	12	3	12	3	9	9	—	—	72	Dull and raw.
6	1005·4	1012·8	81·3	78·1	84	77	0·5	0·8	10·2	7·8	93	89	16	3	18	3	8	0	—	—	73	Dull most of day.
7	1012·8	1012·8	80·8	83·4	85	75	0·6	1·2	9·8	10·9	93	86	18	3	16	3	10	0	—	—	71	Dull, cloudy, and very mild.
8	1016·2	1021·3	81·3	80·9	85	80	0·3	1·2	10·5	8·8	96	85	Calm	0	20	1	6	0	—	—	73	∞^{0}. Sunny intervals.
9	1017·2	1013·2	78·6	83·1	84	76	0·8	0·7	8·2	11·2	89	92	18	3	20	3	5	10●	1·3	—	72	Dull, cold, and raw.
10	1017·6	1016·6	75·2	75·2	84	75	0·0	0·0	7·1	7·1	100	100	20	1	Calm	0	10	0	—	—	72	≡ a. Dull.
11	1005·4	996·9	83·1	82·7	86	74	1·2	0·3	10·5	11·5	85	96	20	8	20	2	10	10●	9·1	—	71	● from 17 h. ⁄
12	1002·7	1011·1	76·8	80·2	84	75	0·6	1·7	7·5	7·8	92	77	20	1	20	5	8	5●	2·8	—	72	Sunny 11 h. Dull and cold.
13	1012·5	1006·1	82·8	85·2	85	80	1·5	1·1	9·8	12·2	82	86	20	4	20	4	10	10●	0·8	—	76	Unsettled. ● showers p.
14	1007·8	1009·4	85·8	85·2	87	85	1·3	1·1	12·6	12·2	85	86	20	8	20	7	7	5●	0·3	—	81	⁄. Showery evening. [ing.
15	1018·3	1009·8	81·3	82·4	86	81	2·1	1·3	8·2	9·8	74	83	22	4	20	5	8	5	1·5	—	76	Sunny intervals. Showery even-
16	1013·5	1011·8	75·9	75·9	83	75	0·8	0·9	6·5	6·5	87	85	14	2	14	2	4	2	0·5	—	72	Bright a. and p. ●^{0} 19 h.
17	1009·8	1003·3	75·7	78·6	80	75	0·9	0·8	6·5	8·2	87	90	12	1	18	4	2	10●	9·4	—	71	Sunny a. and p. ●^{0} from 18 h.
18	999·3	1005·0	76·9	75·0	80	n 71	0·6	0·9	7·5	6·1	92	86	20	4	28	1	7	0	0·3	—	74	● early, then bright.
19	1005·0	1004·7	82·4	83·2	84	75	1·6	2·4	9·5	8·8	79	72	18	4	20	4	10	10	0·5	—	71	Dull and gusty.
20	1008·4	1013·8	83·6	83·1	x 88	80	0·5	0·4	11·9	11·9	94	96	20	3	18	1	10●	8	0·3	—	79	Dull all day.
21	1014·2	1012·1	79·8	79·7	84	79	0·7	0·7	8·8	8·8	91	90	18	4	18	3	5	3	—	—	76	Beautiful day.
22	1010·5	1009·4	82·0	80·2	82	79	0·8	0·0	10·2	10·2	91	100	18	3	20	1	10	6	0·8	—	76	Fair most of day.
23	1007·8	1010·1	80·8	77·7	84	76	0·6	0·4	9·8	8·2	93	94	18	2	20	1	10	3	0·3	—	72	● showers a. Sunny from 13 h.
24	1007·4	1006·1	80·2	81·3	84	76	1·0	2·7	8·8	7·1	86	67	18	3	20	6	10	1	5·8	—	72	●^{2} 11 h.–12 h. 30 m.
25	1010·1	1008·8	80·2	78·0	82	77	1·1	1·1	8·5	7·5	85	84	20	2	26	2	7	3	7·9	—	74	● showers a.
26	987·1	996·6	79·5	79·6	80	76	1·1	1·6	8·2	7·8	85	78	20	3	26	1	5	10	0·8	—	72	●^{2} early, then ● showers.
27	1004·4	996·2	77·4	85·5	86	76	0·5	1·4	7·8	11·9	92	83	20	2	20	7	10	8	4·6	—	73	Showery all day. Dull.
28	998·6	1003·0	82·5	76·3	86	76	1·2	0·0	10·2	7·8	85	100	20	4	20	1	5	0	—	—	78	Dull.
29	1006·1	1011·5	77·7	80·1	82	76	0·8	1·7	7·5	7·8	88	78	20	1	20	7	10	3	0·3	—	73	● showers.
30	1023·7	1022·7	77·7	81·3	82	77	0·8	1·8	7·5	8·5	88	77	20	2	20	4	5	10	—	—	73	Dull a. Brilliant sunset.
31	1016·9	1014·9	81·4	81·9	82	81	1·7	0·6	8·5	10·5	78	93	20	7	20	2	8	8	—	—	77	Cloudy a. Dull p.
Mean	1010·4	1010·0	79·6	80·4	83·5	76·7	0·9	1·0	8·7	9·0	88	87	3·0		3·0		7·7	5·7	51·9	—	73·5	
Mean Barometer at Station Level.	1002·5	1002·2																				

CAMBRIDGE, a.—DECEMBER 1912.

Heights above Mean Sea Level:—Station, H = 12·8 m.; Barometer, H_b = 13·1 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local mean time.

Day.	Bar. 9 h.	Bar. 21 h.	Temp. 9 h.	Temp. 21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vap. Press. 9 h.	21 h.	% 9 h.	% 21 h.	Wind 9 h. †		Wind 21 h. †		Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	1009·1	1000·3	70·1	78·0	78	n 69	0·0	0·4	5·1	8·2	100	95	20	1	20	2	9⌴	10	2·0	—	n 65	✻ 17 h., ● later.
2	1007·1	1018·3	76·8	78·6	79	76	0·7	0·6	7·1	8·5	90	92	20	2	24	2	9	10	0·3	—	70	Gloomy. ●^{0} at times.
3	1028·7	1027·4	73·0	80·0	80	72	0·0	0·6	6·1	9·2	100	92	24	1	20	3	5≡^{0}	10●^{0}	3·1	—	70	●^{0} 15 h. 30 m. and after 17 h.
4	1025·4	1022·7	83·0	79·1	84	79	0·4	0·2	11·9	9·2	96	96	16	2	12	2	9∞	0	—	—	70	● past n. Gloomy.
5	1015·9	1009·1	76·3	76·5	79	75	1·4	0·3	6·1	7·5	79	94	12	2	12	1	8⌓	10	—	0·5	72	Overcast most of day.
6	1009·4	1013·8	81·5	78·2	84	76	0·6	0·2	10·2	8·5	91	98	12	3	24	1	9≡^{0}	0	0·3	0·2	73	Gloomy. ●^{0} at times.
7	1016·9	1015·9	78·8	83·0	83	74	0·1	0·5	9·2	11·5	100	94	10	2	16	1	8≡^{0}⌓^{2}	10●^{0}	0·3	—	70	Very gloomy. ●^{0} at times.
8	1019·6	1022·7	83·5	81·4	84	81	0·5	0·3	11·9	10·5	94	96	16	1	20	2	10	0	0·8	—	80	Gloomy. ●^{0} at times.
9	1020·6	1016·9	82·0	83·0	85	78	0·2	0·8	11·2	10·9	98	90	16	1	20	4	9∞⌓^{2}	10●^{0}	4·6	2·0	72	Gloomy till 10 h., then sunny till [13 h.
10	1016·2	1016·9	81·3	78·5	83	76	0·2	0·0	10·5	9·2	97	100	32	1	Calm	0	9∞●^{0}	10≡^{2}	0·5	—	80	● a. and p. Gloomy.
11	1010·1	999·3	80·8	83·7	84	78	1·1	0·9	9·2	11·5	86	90	18	4-5	12	6	9	10	1·0	—	73	Gloomy. ≡
12	1003·7	1014·2	77·9	76·4	84	76	0·9	0·6	7·5	7·1	87	90	20	1	20	2	0	0	—	2·7	74	Beautiful day.
13	1015·5	1010·8	81·8	84·7	85	76	1·0	1·7	9·8	10·9	87	80	18	3	20	7-8	9●^{0}	8●^{0}	0·5	—	72	Gloomy. ● 18 h. ⁄ n.
14	1008·8	1012·8	85·8	85·2	87	85	1·6	0·7	11·9	12·9	82	90	20	7	20	7	9	10●	0·3	1·0	80	⁄ past n. Beautiful day.
15	1019·6	1012·1	81·3	82·1	86	81	2·2	0·2	7·8	11·2	74	97	20	2	20	3	8	10●^{0}	2·3	0·4	76	Sunny a. ● n.
16	1012·8	1012·1	78·6	74·6	84	75	1·1	0·8	7·8	5·8	86	85	24	2	20	2	9	0	—	3·5	76	Fine and sunny from noon.
17	1010·8	1006·1	74·8	78·2	79	74	0·7	1·2	6·1	7·5	88	84	20	2	20	4	6⌴	0	1·5	4·1	70	Beautiful day.
18	1000·0	1006·4	76·9	73·9	80	74	0·5	0·3	7·5	6·1	94	94	24	2	24	1	10●^{0}	0	3·8	1·0	72	● a. and p. ✻△ 16 h. 30 m.
19	1009·1	1008·8	80·3	83·0	84	74	1·0	2·3	8·8	8·8	87	73	16	3	20	4	9	9	—	—	69	Overcast and squally.
20	1012·5	1016·9	82·9	80·2	84	80	1·0	0·5	10·5	9·5	87	92	16	3	16	1	9∞	0	—	0·9	77	Overcast most of day.
21	1017·9	1014·2	79·7	79·2	81	76	0·6	0·5	9·2	8·8	92	92	20	1	20	2	10	0	—	—	72	Gloomy.
22	1013·2	1011·1	79·1	80·3	82	78	0·3	0·6	8·8	9·2	94	91	16	1	20	2	8∞	9	1·0	0·6	74	Sunny intervals a., then over-
23	1010·8	1011·1	82·5	80·8	86	80	0·2	0·4	11·5	9·8	98	95	20	2	12	1	9	10	2·5	3·0	74	Beautiful day. ●^{0} 20 h. [cast.
24	1012·8	1010·1	80·1	80·8	84	76	0·4	1·7	9·5	8·2	94	79	16	1	20	5	9	10	1·0	—	72	● 13 h. 30 m.–15 h. 30 m.
25	1013·2	1009·1	80·2	78·9	82	79	0·7	0·7	9·2	8·5	89	90	20	1	20	1	10	0	10·9	—	75	● 11 h.–14 h. 45 m.
26	992·8	995·9	80·4	80·6	81	76	0·2	1·0	10·2	9·2	98	87	20	3	20	1	10●	10	3·1	0·1	73	● n. ● at intervals a. and p.
27	1007·1	1001·7	76·4	85·2	x 88	76	0·1	0·5	7·8	13·2	98	93	Calm	0	20	4	10	10	4·6	—	72	Gloomy. ●^{0} at intervals.
28	1001·7	1004·4	85·5	82·4	86	79	1·7	0·2	11·5	11·5	79	97	20	1	12	1	7	10	7·1	0·1	75	Gloomy. ●^{2} 17 h.–18 h.
29	1006·7	1012·5	78·0	79·2	84	78	0·4	1·1	8·2	8·2	94	85	24	2	20	4-5	10∞	0	—	2·9	75	Fine and sunny.
30	1023·3	1025·7	78·0	77·5	81	77	1·1	0·5	7·5	7·8	84	92	20	3	12	1	0	0	—	5·1	74	Beautiful day.
31	1020·6	1017·9	80·8	80·7	83	77	1·7	1·0	8·2	9·2	79	87	20	3	16	3-4	7	10	0·8	2·5	72	Fine and sunny.
Mean	1012·6	1012·1	79·6	80·1	83·0	76·8	0·7	0·7	8·9	9·2	90	91	2·0		2·6		8·2	6·0	52·3	0·99	73·2	
Mean Barometer at Station Level.	1011·0	1010·5																				

† Beaufort Scale (0—12).

SOUTHAMPTON, HAMPSHIRE, a.—DECEMBER 1912.

Heights above Mean Sea Level:—Station, H = 19·5 m.; Barometer, H_b = 25·6 m. Heights above Ground:—Therms., h_t = 1·37 m. Rain-gauge, h_r = 0·3 m. Lat. 50° 55′ N. Long. 1° 24′ W. *Time*, Local mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.	millibar.	200 + °	200 + °	200 + °	200 + °	°	°	millibar.	millibar.	%	%	†	†	Tenths of Sky covered.		mm.	hr.	200 + °	
1	1012·1	1005·4	71·9	79·7	81	n 69	0·0	0·6	5·8	9·2	100	92	28 2	20 2	8≡¹	0	6·9	—	n 65	Dull and cold. ● 14 h.–19 h.
2	1012·1	1021·6	78·0	80·2	82	75	0·6	1·4	8·2	8·2	92	80	28 2	28 3	0	5	—	5·1	72	Fine.
3	1030·8	1029·8	73·6	82·7	83	72	0·0	0·5	6·5	11·2	100	93	28 2	20 2	10≡²	8	0·3	—	69	≡² early. Fair generally.
4	1027·7	1023·3	83·0	80·2	84	80	0·6	0·7	11·2	9·2	93	91	20 2	28 2	10	0	—	0·9	82	Dull to fair. ⌓ p.
5	1014·5	1009·1	78·9	80·9	81	78	1·4	1·0	7·5	9·2	82	88	28 2	20 3	3	10	1·3	0·3	76	∞⁰ a. Fair. ⌓ p.
6	1010·1	1016·2	83·6	78·7	84	79	0·8	0·3	11·5	8·8	90	95	20 4	20 2	10●	0	0·5	0·7	78	● showers till 11 h.
7	1016·9	1016·9	81·4	83·6	84	76	0·3	0·4	10·5	12·2	96	95	20 3	20 4	10	10●	3·1	—	72	● a. and p.
8	1021·0	1023·0	83·6	82·2	84	79	0·5	0·5	11·9	10·9	94	94	20 2	20 1	10	0	0·5	—	83	Drizzle a. Fair p.
9	1023·7	1018·3	83·0	83·7	84	82	0·5	1·1	11·5	11·2	94	88	20 1	20 4	5	8	6·1	0·1	77	Fair to dull. ● from 22 h.
10	1017·6	1016·9	83·0	83·0	84	82	0·5	0·4	11·5	11·9	94	96	28 1	4 2	10	10●⁰	9·1	—	81	● till 6 h. and 10 h.–19 h.
11	1013·8	1004·0	82·4	83·7	84	81	0·7	0·6	10·5	11·9	90	93	20 4	20 6	10	10	8·4	—	77	● 9 h. 30 m.–17 h. 30 m.
12	1007·1	1017·9	79·1	78·1	84	77	0·4	1·0	8·8	7·5	93	85	20 1	20 4	3	0	—	4·5	73	Fine. ⌓ p.
13	1019·9	1015·9	83·0	84·0	84	78	1·0	0·6	10·5	11·9	87	91	20 2	20 6	10	10●	2·0	—	75	Dull to ●.
14	1016·2	1018·9	85·0	84·9	x 86	84	1·4	0·7	11·5	12·6	83	91	20 4	20 5	10	10●	0·3	—	83	Dull. ● showers.
15	1025·0	1016·2	82·4	84·9	x 86	82	1·5	0·6	9·5	12·9	80	93	20 1	20 6	2	10	8·6	1·0	80	Fine a. ● 14 h.–20 h.
16	1016·2	1016·2	79·7	75·5	85	75	1·0	0·6	8·5	6·8	85	91	28 2	28 1	10	0	—	2·1	79	Fine. ⌴ p.
17	1014·5	1011·1	76·9	80·0	81	74	1·0	1·3	6·8	8·2	85	82	28 1	20 4	4	1	2·8	4·3	70	⌴ a. Fine. Ш p.
18	1001·3	1010·1	79·7	77·8	81	76	0·5	1·4	9·2	6·8	93	80	20 2	28 3	8	8	0·8	2·4	77	● 0 h.–6 h.
19	1013·8	1011·5	82·4	83·7	84	77	1·0	2·2	10·2	9·5	87	75	20 3	20 5	10	10	—	—	76	● 6 h.–9 h. Fair.
20	1014·2	1017·6	82·4	80·8	84	81	0·4	0·5	11·2	9·8	94	94	20 3	12 3	10	8	—	—	82	Dull to fair. Ш≡⁰ p.
21	1018·3	1016·2	81·3	81·4	82	80	0·4	1·1	10·2	9·5	94	86	20 2	20 1	8	10	—	—	78	Dull and misty.
22	1014·5	1013·5	81·9	82·5	83	81	1·0	1·1	9·8	10·2	87	86	12 1	20 4	10	10	1·5	—	76	Dull.
23	1013·5	1012·1	83·0	83·6	85	82	0·5	0·5	11·5	11·9	94	94	20 3	20 5	10	10	0·8	0·7	82	● showers early. ● 18 h.–21 h.
24	1017·2	1015·5	83·6	82·5	84	80	0·5	1·9	11·9	9·2	94	76	20 4	20 4	10	10	0·6	—	75	Dull. ● 13 h.–15 h.
25	1014·2	1013·8	82·4	79·7	85	80	1·1	0·7	10·2	8·8	85	90	20 2	20 1	10●	0	14·4	—	78	Dull and gloomy, with ●.
26	995·9	996·2	81·3	81·9	83	77	1·1	1·7	9·5	8·8	86	79	20 5	20 5	6	6	0·6	—	72	T 11 h. ↗●. Much damage.
27	1007·4	1004·7	80·8	85·0	85	79	0·5	0·3	9·8	13·6	94	96	12 2	20 4	10●	10●	15·0	—	75	≡ a. ● from 9 h.
28	1006·7	1005·0	84·7	83·8	85	84	0·5	0·4	12·9	12·2	94	95	20 4	20 4	10	10●	9·7	—	84	● till 4 h. ● showers.
29	1009·8	1018·9	78·6	80·1	84	79	0·5	1·3	8·5	8·2	93	81	28 2	28 4	10	0	—	5·0	77	Fine.
30	1027·1	1028·7	78·1	79·3	84	77	0·7	0·9	7·8	8·5	90	88	28 2	28 2	0∞	0	—	4·7	75	Fine. ⌓ p.
31	1024·3	1019·9	81·3	80·9	83	79	1·0	0·9	9·5	9·5	87	89	20 3	20 3	10●⁰	0	1·0	—	76	●⁰ showers 9 h. and 13 h.–14 h.
Mean	1015·4	1015·0	81·0	81·5	83·7	78·6	0·7	0·9	9·8	10·0	91	89	2·4	3·4	8·0	5·9	94·3	1·03	76·6	
Mean Barometer at Station Level.	1012·2	1011·7																		

FALMOUTH, CORNWALL, a.e.—DECEMBER 1912.

Heights above Mean Sea Level:—Station, H = 50·9 m.; Barometer, H_b = 55·8 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·6 m Lat. 50° 9′ N. Long 5° 4′ W. *Time*, Greenwich mean time.

Day.	Barometer 9 h.	21 h.	Air Temp. 9 h.	21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vapour Pressure 9 h.	21 h.	Percentage 9 h.	21 h.	Wind 9 h. *	Wind 21 h. *	Cloud 10 h.	Cloud 22 h.	Rain 10 h.	Sunshine	Min. Temp. on Grass	Remarks
1	1011·5	1008·8	75·8	81·0	83	n 74	1·1	1·9	6·1	8·2	83	77	22 2	24 6	10	0	6·4	—	—	Overcast and squally, with ●².
2	1017·2	1025·7	80·1	79·7	83	79	1·4	1·2	8·2	8·2	82	83	26 6	26 2	7	0	—	5·2	—	Squally, with ●⁰ early a.
3	1029·1	1028·4	81·9	84·2	85	79	0·6	0·2	10·5	12·9	92	98	20 2	20 5	10	10≡⁰	1·0	0·5	—	Thick wetting mist at night.
4	1024·7	1018·9	83·4	82·9	85	82	0·7	1·7	11·5	9·5	92	80	18 6	14 5	10	3	—	—	—	Dull and damp.
5	1009·8	1004·7	81·8	82·9	84	81	1·4	0·5	9·2	11·2	83	93	14 3	18 6	10	1	3·8	0·3	—	Dull and overcast. ● n.
6	1007·8	1014·5	81·9	79·7	84	80	1·1	0·7	9·8	8·8	86	90	22 4	20 4	7	0	—	5·2	—	Pleasant and sunny.
7	1010·8	1013·8	84·5	84·5	85	82	0·8	0·5	12·2	12·6	90	94	16 5	18 5	10	8	3·1	0·7	—	● 10 h. 30 m.–noon. Dull and [damp.
8	1018·9	1023·7	84·2	80·9	85	80	0·5	0·6	12·2	9·8	93	93	20 4	22 2	2	0	—	3·8	—	Very fair.
9	1019·9	1015·5	83·0	83·9	84	80	1·1	0·4	10·5	12·2	86	95	18 6	18 7	9	10●	22·9	—	—	Squally, with ● p.
10	1018·3	1018·9	81·8	80·9	83	80	0·7	0·7	10·2	9·8	91	92	— 1	24 2	10●	0	4·8	—	—	Dull and wet.
11	1011·8	1002·0	83·5	81·4	85	81	0·6	0·6	11·9	10·2	93	92	20 9	22 5	10●	10	12·4	—	—	●² at times.
12	1009·4	1020·3	81·8	80·8	82	80	2·7	1·6	7·8	8·5	68	80	28 9	22 6	1	0	1·3	4·6	—	Slight cold showers.
13	1020·6	1017·2	83·4	84·4	85	82	1·4	0·4	10·5	12·9	83	95	20 8	20 12	10	10●⁰	8·9	—	—	Dull and damp throughout.
14	1019·3	1021·3	84·9	84·7	85	84	0·4	0·4	13·2	12·9	95	95	22 10	22 13	10●⁰	10●⁰	3·8	—	—	Dull, wet, and squally.
15	1025·7	1018·3	83·6	84·6	85	82	0·7	0·4	11·9	12·9	92	95	20 4	22 11	10●⁰	10●⁰	18·5	—	—	Dull, wet, and squally.
16	1018·6	1018·6	80·6	77·6	84	77	1·8	0·8	7·8	7·5	76	88	28 3	26 4	7	9●	3·1	4·1	—	Thick drizzle early, then bright.
17	1016·9	1011·5	78·8	81·2	82	77	0·9	1·5	8·2	8·8	89	81	24 3	20 7	5	10	5·6	4·2	—	Passing showers.
18	1003·7	1011·5	79·1	80·2	82	79	1·0	1·7	8·2	7·8	86	77	28 3	24 4	3	9	1·0	5·4	—	Fine and bright.
19	1010·5	1008·1	82·4	84·3	85	82	0·9	0·7	10·5	12·2	88	91	20 8	18 7	10	10	0·5	0·4	—	Overcast.
20	1010·1	1014·2	84·6	82·9	85	83	0·8	0·6	12·2	11·2	90	92	18 7	18 4	9	5	—	1·0	—	A little sunshine early p.
21	1015·9	1014·5	83·0	83·0	83	82	1·1	0·6	10·5	11·2	86	93	14 4	18 3	10	5	—	—	—	Overcast generally. Very damp air.
22	1012·5	1011·8	82·5	82·4	85	82	0·6	0·2	10·9	11·5	92	97	20 5	22 2	4	10●⁰	4·1	0·3	—	● at intervals.
23	1010·8	1011·8	83·7	82·5	85	81	0·8	0·3	11·9	11·2	91	96	20 7	20 7	10	0	6·4	0·2	—	Dull, with ●.
24	1009·4	1016·9	84·1	82·9	85	82	1·1	1·7	11·5	9·5	86	79	18 11	20 9	10●	7	4·8	—	—	Overcast and squally.
25	1010·8	1014·5	82·1	79·9	84	79	0·3	0·8	11·2	8·8	96	89	16 3	24 2	10●	0	14·7	—	—	Dull and showery.
26	989·1	1005·7	81·3	81·8	83	79	1·1	1·5	9·5	9·2	86	81	20 16	24 7	10	10	22·1	—	—	↗ noon. ⚡²▲● 4 h. 45 m.
27	1005·0	1002·3	84·7	85·3	x 86	81	0·5	0·4	12·9	13·2	94	94	22 7	20 12	10●⁰	10	19·8	—	—	Stormy, with ●² at times.
28	1004·0	1003·7	84·6	81·7	85	80	0·8	0·4	12·2	10·5	89	95	20 8	2 2	10	10●	15·0	—	—	Overcast. ●² n.
29	1012·5	1022·7	79·8	80·4	82	79	1·9	1·3	7·5	8·5	75	83	24 7	24 4	1	0	2·0	3·1	—	Fresh and sunny.
30	1028·7	1028·1	80·4	81·9	83	79	1·7	2·4	8·2	8·2	77	71	24 5	20 7	2	10	—	4·8	—	Fresh and sunny.
31	1022·3	1017·9	82·5	82·0	84	82	1·8	0·3	9·2	11·2	77	97	20 7	20 6	7	10●⁰	7·1	0·9	—	Occasional sunny gleams.
Mean	1014·0	1015·0	82·2	82·2	84·0	80·3	1·0	0·9	10·3	10·4	87	89	5·9	5·7	7·9	6·0	193·1	1·44	—	
Mean Barometer at Station Level.	1007·3	1008·2																		

* Metres per second. † Beaufort Scale (0—12).

ARMAGH, a.—DECEMBER 1912.

Heights above Mean Sea Level:—Station, H = 59·8 m.; Barometer, H_b = 61·6 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) or Velocity (metres per second.) 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.	millibar.	200 + °	200 + °	200 + °	200 + °	°	°	millibar.	millibar.	%	%	*	*	Tenths of Sky covered.		mm.	hr.	200 + °	
1	1003·7	997·9	72·4	74·7	76	n 69	0·1	0·4	5·8	6·5	95	93	18 4	20 3	10	10	5·6	—	n 66	✻ showers till noon, then thaw.
2	1007·8	1021·6	78·0	73·1	79	73	0·6	0·6	7·8	5·4	91	88	20 4	28 2	9	2	2·1	2·3	72	Fine.
3	1019·3	1017·2	80·6	84·1	85	72	0·4	0·5	9·8	12·2	95	93	16 7	16 5	10	10	0·9	—	70	Very damp and warm.
4	1013·2	1010·5	84·3	83·6	x 86	83	1·3	0·5	11·2	11·9	84	94	18 6	18 6	10	10	—	—	80	Very damp and warm.
5	1005·4	1000·0	80·8	80·5	84	80	1·0	0·7	9·2	9·5	87	91	14 4	14 4	10	10	1·3	—	80	Overcast.
6	996·6	1006·1	80·2	77·7	82	78	1·0	1·0	8·8	7·5	86	86	16 4	16 5	9	2	1·5	0·3	79	Mostly overcast.
7	1001·7	1006·1	83·0	80·2	84	77	0·8	1·1	10·9	8·5	90	85	14 7	16 5	10	0	0·5	—	76	Mostly overcast.
8	1012·8	1014·5	80·2	77·6	82	77	0·5	0·8	9·5	7·5	92	88	16 3	16 5	9	3	4·3	1·9	79	Fine.
9	1003·3	1012·5	81·6	78·0	84	77	0·6	0·9	10·2	7·5	92	86	16 10	20 2	10●	10●	2·1	—	77	Overcast; some showers.
10	1016·6	1007·8	75·8	78·3	80	75	0·7	0·7	6·8	8·2	89	90	18 2	18 8	10	10	2·3	0·4	74	Mostly cloudy. ● after 21 h.
11	989·8	992·5	85·1	78·7	x 86	75	1·0	1·2	12·2	7·8	88	85	18 8	20 3	10	9	2·8	—	76	●² showers noon.
12	1002·0	1004·4	76·1	77·9	81	75	0·9	1·4	6·5	7·1	86	80	20 4	20 5	2	4	6·6	3·1	74	Fine till 16 h., then showers.
13	998·3	995·6	82·4	84·7	85	76	0·5	0·7	10·9	12·6	94	92	18 12	20 10	10	10	5·7	—	76	Stormy and overcast.
14	1005·0	1005·0	82·4	80·3	x 86	80	2·3	0·7	8·5	9·2	72	90	22 6	20 4	10	10	6·4	—	81	Overcast. ● after 16 h.
15	1012·1	1007·8	79·7	76·6	81	77	0·6	0·5	9·2	7·1	92	92	22 4	24 3	10	9	15·8	—	76	● most of day.
16	1010·8	1007·8	74·7	74·1	79	74	0·6	0·5	6·1	6·1	89	89	20 5	20 5	9	8	0·6	3·1	72	✻⁰ showers a.
17	1004·0	997·6	74·8	75·9	79	73	0·8	0·6	6·1	6·8	86	91	20 5	18 7	9	10	2·8	—	72	Overcast; some showers.
18	998·6	1002·0	73·3	74·7	76	73	0·3	0·5	6·1	6·5	95	92	— 1	20 3	10✻	10	4·3	1·5	72	✻ 9 h.–9 h. 30 m. ⊠ 1¼ in.
19	993·5	993·9	82·3	82·4	84	75	1·7	1·2	9·2	9·8	80	84	18 9	18 9	10	10	0·4	—	75	Overcast, stormy, and mild.
20	1000·0	1005·0	83·5	83·4	85	82	0·8	0·6	11·5	11·9	91	93	16 6	18 4	10	10	16·5	—	82	Damp and mild. Showers p.
21	1007·4	1008·1	80·8	78·4	84	79	1·1	0·6	9·2	8·2	86	92	18 3	18 4	10	8	4·2	—	80	● till 16 h.
22	1008·1	1006·7	78·7	78·6	82	77	0·3	0·4	8·8	8·5	97	94	18 2	18 2	10	10	0·4	—	77	Mostly overcast.
23	1002·3	1004·7	79·5	78·1	81	76	0·9	1·1	8·5	7·5	86	85	18 4	18 3	0	9	5·1	3·2	73	Fine till 16 h., then showers.
24	989·8	997·2	79·6	77·3	82	77	1·1	1·4	8·2	6·8	84	80	14 10	22 8	10●	9	3·3	—	76	●² showers. Stormy.
25	1000·3	1004·0	79·0	77·0	81	77	1·2	0·6	7·8	7·5	85	92	16 7	20 5	10	2	0·5	1·0	76	Fine.
26	985·1	1001·3	78·4	73·3	81	74	1·0	0·3	7·8	6·1	88	95	6 5	— 1	10	8	1·3	—	74	Some showers a.
27	996·9	986·8	79·1	82·4	84	72	0·5	0·5	8·8	10·9	92	93	14 6	18 8	10	4	5·0	0·1	69	Showery and warm.
28	993·9	1000·0	79·0	75·5	82	76	1·6	1·1	7·5	6·1	79	83	20 5	18 4	9	3	—	0·3	78	Mostly cloudy.
29	997·2	1010·5	77·8	77·8	80	74	0·7	0·6	7·8	7·8	89	92	18 8	24 5	10	10	3·8	—	74	● from noon.
30	1018·9	1010·5	77·9	80·6	81	76	0·9	0·6	7·5	9·5	88	93	18 4	18 9	10	10	5·2	—	76	● from noon.
31	1006·4	1009·1	81·3	79·0	83	78	1·6	1·4	8·5	7·5	79	82	18 8	20 3	0	5	0·4	3·0	78	Fine.
Mean	1003·2	1004·7	79·4	78·6	82·1	76·1	0·9	0·8	8·6	8·2	88	89	5·6	4·8	8·9	7·6	111·7	0·65	75·5	
Mean Barometer at Station Level.	995·8	997·1																		

MARKREE CASTLE, SLIGO, a.b.—DECEMBER 1912.

Heights above Mean Sea Level:—Station, H = 37·2 m.; Barometer, H_b = 38·7 m. Heights above Ground:—Therms., h_t = 1·2 m. Rain-gauge, h_r = 0·3 m. Lat. 54° 11′ N. Long. 8° 27′ W. *Time*, Dublin mean time.

Day.	Barometer 9 h.	21 h.	Air Temp. 9 h.	21 h.	Max.	Min.	Dep. of Wet 9 h.	21 h.	Vapour Pressure 9 h.	21 h.	Percentage 9 h.	21 h.	Wind 9 h. †	Wind 21 h. †	Cloud 9 h.	Cloud 21 h.	Rain	Sunshine	Min. Temp. on Grass	Remarks
1	999·6	999·6	72·7	75·8	77	n 69	0·1	0·6	5·8	6·8	98	91	12 3	20 1	10✻	3	5·8	—	n 66	✻ a. ● in evening.
2	1009·8	1021·0	80·4	74·1	81	73	1·5	0·5	8·2	6·1	80	89	28 2	Calm 0	10	10	3·6	2·7	72	Fine. ▲⁰
3	1018·6	1016·2	80·2	84·7	86	74	0·2	0·8	9·8	12·2	96	90	12 1	20 3	10	10	—	—	74	Fair, but overcast.
4	1011·8	1008·1	84·3	84·1	86	84	1·0	1·1	11·5	11·5	88	86	16 3	18 4	10	10	2·3	—	82	●⁰ showers.
5	1003·7	997·6	81·7	81·9	85	81	0·9	0·0	9·8	11·5	88	100	12 3	12 1	10●	10	11·7	—	80	Mild and rainy.
6	997·9	1003·3	79·3	78·7	83	77	0·2	0·7	9·2	8·2	98	90	Calm 0	12 3	10●	10	5·8	0·8	76	●⁰ showers.
7	998·3	1005·4	83·8	80·2	85	78	1·2	1·1	11·2	8·5	86	85	16 3	12 1	10	1	—	0·2	77	Fair and mild.
8	1013·2	1012·8	78·8	79·3	82	76	0·3	0·9	8·8	8·5	96	88	Calm 0	12 2	10	1	2·3	3·5	74	Fine and bright.
9	1002·3	1014·2	82·3	76·0	85	75	0·1	0·9	11·5	6·5	98	86	16 6	20 1	10	3	2·0	0·9	77	● a. Fair and mild p.
10	1016·9	1004·4	73·6	79·1	80	73	0·4	0·6	5·8	8·5	92	90	Calm 0	16 4	10●	0	1·0	—	70	Fine, but cold.
11	991·8	994·2	85·7	75·8	x 87	75	1·0	0·1	12·9	7·5	88	98	16 4	Calm 0	10	3	7·4	—	79	●² showers a. ▲● n.
12	1003·0	1004·4	76·2	80·1	81	73	1·1	1·5	6·5	8·2	83	79	28 1	20 1	5	3	13·2	2·7	71	< early. ●² showers. ▲
13	1000·3	996·6	82·6	86·1	x 87	79	0·3	1·0	11·5	13·2	95	88	20 3	22 5	10●	10●	10·4	—	76	●² a. ↗● showers.
14	1006·1	1008·4	82·4	81·1	x 87	80	2·2	1·4	8·8	8·8	74	82	20 1	28 4	9	1	10·2	—	80	● showers. < n.
15	1011·1	1009·4	80·2	76·9	82	76	0·5	1·7	9·5	6·1	92	77	Calm 0	30 2	10●	10	9·7	—	74	●² showers.
16	1011·1	1009·8	75·4	74·7	78	74	1·3	0·6	5·8	6·1	80	90	20 1	20 2	7	10●	4·8	1·7	72	∞✻● (sleet) showers. ⌴
17	1006·1	999·3	73·9	74·0	79	72	0·6	0·0	5·8	6·5	89	100	20 1	18 1	9	6	9·1	—	69	✻● (sleet showers). <⌴² n.
18	999·6	1001·3	76·3	76·3	77	74	2·2	0·5	5·4	7·1	68	91	24 1	20 1	5	10●⁰	5·1	2·2	72	✻▲ showers. < n.
19	993·2	992·8	82·3	83·6	84	76	1·0	0·8	10·2	11·5	87	91	18 3	18 4	10●⁰	10	7·6	—	76	▲ a. ● showers. <
20	997·6	1004·7	83·2	82·3	85	82	0·6	0·4	11·5	11·2	94	94	12 3	12 1	10●	10●	2·8	0·1	81	Showery and mild.
21	1006·4	1009·1	81·1	79·3	83	79	0·9	0·4	9·5	8·8	89	94	16 1	Calm 0	10	10	—	—	79	Fair.
22	1009·1	1006·1	78·9	75·8	81	76	0·3	0·1	8·8	7·5	96	99	20 1	10 1	10	5	2·0	1·1	72	Fair, but cool.
23	1001·7	1004·0	78·9	77·6	81	75	1·0	0·4	8·2	7·8	87	94	16 1	16 1	3	1	7·4	2·9	72	Fine. ● n.
24	988·4	1002·3	77·5	78·5	82	76	0·6	2·2	7·5	6·5	90	73	12 2	24 5	10●	10▲	8·9	—	72	●² a. ↗ noon–17 h. ⚡ n.
25	998·9	1004·4	79·6	74·1	81	74	1·0	0·5	8·5	6·1	86	89	20 3	12 1	10	3	7·6	2·0	71	● showers. ▲
26	985·7	1002·7	78·8	72·4	80	72	0·8	0·0	8·2	5·8	89	100	12 1	Calm 0	10●	9	3·1	0·1	71	⌴ a. Rainy a. Fair p.
27	994·5	985·4	77·3	83·5	85	71	0·4	1·1	7·8	11·2	94	87	12 3	18 4	10●	10	8·9	—	68	Showery and mild.
28	994·9	999·6	78·6	75·2	84	75	1·3	0·5	7·5	6·5	84	91	24 1	16 1	7	0	4·6	—	75	Showery and mild.
29	998·9	1013·2	78·9	78·0	81	75	0·9	1·3	8·2	7·1	88	82	20 2	28 1	8	1	2·0	—	72	⌴ a. ●⁰ showers. Mild.
30	1021·3	1010·1	78·9	82·1	84	76	1·0	0·2	8·2	11·2	87	98	16 2	20 5	10	10●	7·9	—	72	⌴. Rainy and squally.
31	1007·1	1009·8	81·0	76·2	85	76	1·6	0·5	8·5	7·1	81	92	20 2	Calm 0	3	0	2·0	2·8	78	Fair and mild.
Mean	1003·2	1004·8	79·5	78·7	82·8	75·7	0·9	0·7	8·7	8·4	88	90	1·9	1·9	8·9	6·1	169·2	0·76	74·2	
Mean Barometer at Station Level.	998·3	1000·0																		

* Metres per second. † Beaufort Scale (0—12).

DUBLIN (PHŒNIX PARK), a.—DECEMBER 1912.

Heights above Mean Sea Level:—Station, H = 47·3 m.; Barometer, H_b = 48·5 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin mean time.

Day.	Barometer at 32° F. Mean Sea Level and Standard Gravity. (Latitude 45°.) 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Dep. of Wet. 9 h.	21 h.	Vapour Pressure. 9 h.	21 h.	Percentage. 9 h.	21 h.	Wind Direction in Points (8=E, 16=S) and Force (0—12) *or Velocity (metres per second)*. 9 h.	21 h.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+ °	200+ °	200+ °	200+ °	°	°	millibar.		%	%	*	*	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1005·4	999·6	73·1	77·2	80	*n* 69	0·5	1·0	5·8	7·1	90	85	— 1	22 5	10✻	5	2·0	—	*n* 66	✻ 9 h.–10 h. ● showers *p*.
2	1009·8	1022·0	77·2	73·7	80	74	1·1	0·2	6·8	6·1	83	96	22 5	— 0	3	3	—	2·3	72	Fair, but cloudy.
3	1021·6	1019·3	83·8	84·9	86	72	1·4	1·3	10·9	11·5	84	84	18 5	20 6	8	0	—	—	68	Overcast.
4	1015·5	1012·5	85·1	83·7	86	84	1·3	1·7	11·9	10·2	84	80	18 7	18 8	10	10	—	0·2	81	Dull.
5	1007·4	1000·3	81·8	81·8	84	81	1·7	1·1	8·8	9·8	80	86	14 4	16 5	10	6	0·3	—	80	Overcast.
6	1000·6	1007·8	80·5	79·5	83	79	1·3	1·4	8·5	7·8	83	81	20 6	18 4	7	1	—	4·6	76	Drizzle 5 h.–6 h. Fine.
7	1003·7	1007·8	84·0	80·9	85	79	1·0	1·0	11·5	9·2	87	87	14 3	18 3	10●	2	0·3	—	75	Drizzle 9 h.–11 h. Overcast.
8	1013·5	1016·6	82·7	80·0	84	77	1·4	1·4	9·8	8·2	83	81	18 2	20 4	6	0	0·4	2·5	72	Fair, but cloudy.
9	1007·4	1012·5	82·7	78·7	84	78	1·4	0·6	9·8	8·5	83	92	18 10	24 2	10●	0	2·0	0·1	76	●⁰ 7 h.–14 h. Overcast.
10	1017·2	1011·1	73·5	81·1	81	73	0·1	1·8	6·1	8·2	98	78	— 0	18 7	7	0	—	1·2	70	Fair, but cloudy.
11	995·9	994·5	85·7	78·4	*x* 87	78	1·3	1·0	12·6	7·8	86	88	18 9	22 4	10	0	3·2	—	79	●⁰ 10 h.–15 h. ●² 21 h.
12	1002·7	1005·7	76·7	80·9	81	75	0·9	1·4	6·8	8·8	86	82	24 4	22 6	1	10	0·9	3·3	71	Fair, but cloudy.
13	1003·0	999·3	82·2	85·8	86	79	1·0	1·2	10·2	12·6	87	86	22 10	22 11	10	10	3·9	—	78	●⁰ *a.* and *p.* Overcast.
14	1005·0	1008·1	84·0	85·2	86	84	1·7	0·4	10·5	13·2	80	95	22 8	22 8	7	10	4·7	—	82	●² 1 h.–3 h. ●⁰ 15 h.–21 h.
15	1014·9	1008·8	81·2	79·8	86	79	1·7	1·4	8·5	8·2	79	81	22 7	24 6	10	10	1·0	2·0	77	●⁰ *a.* and *p.* Cloudy.
16	1013·2	1010·5	75·2	74·6	80	74	0·7	0·8	6·5	5·8	88	84	22 3	22 5	1	0	—	3·8	71	Fine.
17	1008·8	1000·0	75·4	76·7	80	73	0·9	0·4	6·1	7·5	85	95	22 5	20 5	2	10●	3·1	1·4	71	●⁰ 14 h.–15 h. and 18 h.–21 h.
18	1000·3	1004·7	74·3	76·7	79	74	0·5	0·7	6·1	7·1	88	90	24 4	22 2	3	10	1·4	1·7	71	● showers *a.* and *p.*
19	998·9	996·9	82·9	83·6	84	76	1·5	1·7	9·8	10·5	82	80	18 8	18 12	10	7	—	—	74	Overcast.
20	1001·7	1007·1	84·7	84·8	*x* 87	83	1·3	1·1	11·5	11·9	84	86	18 5	18 5	10	10	—	1·3	81	Fair, but cloudy.
21	1008·8	1010·1	84·2	79·2	85	78	1·2	1·3	11·2	7·8	85	82	18 5	— 1	10	8	10·4	—	82	● 10 h.–18 h.
22	1009·1	1008·1	78·7	73·4	81	72	0·9	0·2	8·2	6·1	88	97	20 2	— 0	4	1	—	2·7	69	Fair, but cloudy.
23	1004·4	1006·4	80·6	74·0	83	73	1·1	0·2	8·8	6·5	85	95	20 2	— 0	2	5	1·4	0·4	69	●⁰ *a.* and *p.* Dull.
24	993·9	1002·7	83·1	79·5	85	73	1·1	2·1	10·5	7·1	86	73	16 11	22 9	10●	4	3·8	—	71	●² 9 h.–11 h. ●⁰ from 22 h.
25	1003·1	1006·1	81·3	77·1	82	77	1·1	1·0	9·2	7·1	86	86	18 7	20 4	10	3	7·6	—	75	●⁰ showers *a.* and *p.*
26	981·0	1002·0	79·2	74·6	81	75	0·7	0·1	8·5	6·8	90	97	16 3	24 2	10	3	2·0	—	72	●² 6 h.–8 h. ●⁰ *a.* and *p.*
27	997·2	990·5	80·4	84·0	86	71	0·8	1·3	9·2	11·2	89	85	10 4	20 8	10	1	2·6	—	68	●² 8 h. ●⁰ *a.* and *p.*
28	995·9	1001·0	80·0	75·9	85	74	1·3	0·8	8·2	6·5	82	87	22 7	24 3	2	0	—	2·3	77	Fair, but cloudy.
29	1000·6	1013·2	78·1	78·7	81	75	1·3	1·4	7·1	7·5	82	82	20 6	24 6	7	8	—	0·6	71	Fair, but cloudy.
30	1022·0	1014·9	78·4	82·3	82	76	1·2	1·3	7·5	9·8	85	82	20 4	18 8	10	8	1·3	0·1	73	● showers 18 h.–21 h.
31	1008·8	1010·1	82·8	80·6	84	80	0·9	1·4	10·5	8·5	88	82	20 9	20 4	8	1	—	2·5	80	● showers 5 h.–7 h. Fine.
Mean	1005·5	1006·8	80·4	79·6	83·4	76·3	1·1	1·1	9·0	8·6	85	86	5·4	4·9	7·4	4·7	52·3	1·06	74·1	
Mean Barometer at Station Level.	999·6	1000·9																		

LIMERICK (MUNGRET COLLEGE).—DECEMBER 1912.

Heights above Mean Sea Level:—Station, H = 14·3 m.; Barometer, H_b = 15·2 m. Heights above Ground:—Therms., h_t = 1·2 m.
Rain-gauge, h_r = 0·3 m. Lat. 52° 38′ N. Long. 8° 41′ W. *Time*, Dublin mean time.

1	1000·6	1003·3	73·0	78·7	81	*n* 68	0·3	0·9	5·8	8·2	93	88	† 12 4	† 20 2	10	8	6·4	0·6	72	✻ 7 h. ▲² 22 h.
2	1013·8	1022·0	78·9	75·2	82	74	1·6	0·2	7·5	6·8	80	96	24 2	Calm 0	2	0⌣	—	4·6	70	Fine.
3	1019·6	1019·3	84·1	84·1	*x* 87	75	0·6	0·6	12·2	12·2	92	92	16 4	20 5	10	0	—	0·1	73	Fair from 10 h.
4	1012·5	1009·8	84·8	83·6	86	84	0·5	0·4	12·9	12·2	95	95	16 3	16 6	10	10●⁰	—	—	81	Drizzle all day.
5	1003·3	997·6	82·7	81·4	84	81	0·6	0·1	11·2	10·9	92	98	16 5	12 3	10●⁰	2●	7·9	—	79	Dull *a.* ●*p.* Fine evening.
6	1001·0	1004·0	78·5	81·9	82	78	0·8	0·8	8·2	10·2	90	90	20 3	16 5	5	10	1·5	5·4	74	Fine.
7	998·9	1006·1	84·1	80·6	85	80	0·6	0·5	12·2	9·8	92	94	16 5	16 3	10	0	1·0	2·8	77	Dull *a.*, then fine. < 20 h.
8	1012·5	1014·5	77·5	80·2	83	77	0·2	0·5	8·2	9·5	96	92	Calm 0	16 5	5	0	2·3	5·6	72	Beautiful day.
9	1004·4	1014·5	83·1	77·4	85	77	0·3	0·2	11·9	8·2	97	96	16 7	Calm 0	10●	0	3·7	—	72	
10	1017·2	1008·8	72·4	81·2	81	72	0·4	1·0	5·1	9·5	88	87	8 1	16 6	8	10	—	—	*n* 69	≡² 6 h. 30 m. ⌣
11	995·2	995·6	86·3	76·1	*x* 87	76	1·0	0·5	13·6	7·1	89	93	16 6	16 2	10	0	3·7	—	72	Dull.
12	1006·1	1009·8	77·4	82·7	83	75	1·1	1·0	7·1	10·5	84	88	24 3	24 4	3	0	4·2	3·7	72	Dull; passing showers.
13	1006·7	1004·7	83·2	86·0	86	82	0·8	1·0	11·2	13·2	90	88	20 7	24 7	10●	10	3·8	—	78	Dull, with drizzle. ╱ at times.
14	1010·5	1012·8	83·3	82·9	86	83	0·1	0·5	12·2	11·2	99	93	24 3	24 3	10●⁰	5	2·3	—	81	╱ 18 h. 30 m.
15	1016·9	1013·2	81·1	79·7	84	80	1·2	0·6	9·2	9·2	85	92	20 3	24 3	10	10	3·8	—	75	Dull, with passing showers.
16	1015·5	1013·2	72·7	74·8	80	72	0·5	0·2	5·4	6·8	87	98	20 3	20 3	4	1	5·6	2·6	71	Snow on mountains 9 h.
17	1010·1	1001·3	75·5	78·2	80	74	0·7	0·4	6·5	8·2	88	94	20 3	24 3	4	10	16·0	2·2	70	Dull, with ●² showers. ╱ 13 h.
18	1002·3	1003·7	76·3	78·3	79	76	0·6	0·3	7·1	8·5	90	96	28 3	20 3	9	10●	5·4	—	70	Snow on mountains 9 h.
19	996·2	995·2	83·0	83·9	84	78	1·2	1·0	10·5	11·5	85	89	20 3	16 6	10	9Ψ	—	—	77	╱ at times.
20	998·3	1004·4	84·7	84·1	85	83	1·2	1·2	11·9	11·2	85	87	20 6	16 5	8	8	10·7	—	82	Fair intervals. Ψ *n*.
21	1008·4	1010·1	81·1	78·0	84	78	0·3	0·2	10·2	8·5	96	97	24 3	20 3	10●	4Ψ	3·9	—	76	● *a.* Clearing 15 h.
22	1009·1	1005·7	77·7	78·1	81	76	0·3	0·2	8·2	8·5	96	98	20 2	16 2	8	7Ψ	—	2·5	71	Beautiful evening.
23	1003·3	1006·1	79·4	78·1	82	78	0·5	0·2	8·8	8·5	92	97	20 3	16 3	6	1	9·2	2·1	74	Dull *a.* Cleared 15 h.
24	991·2	1006·7	80·8	79·5	84	77	1·4	1·3	8·8	8·2	83	83	16 8	20 4	5	0	3·8	—	74	▲² 8 h. ╱ (force 12) 11 h. 30 m.
25	1002·7	1005·7	79·8	77·3	81	76	0·7	0·9	8·8	7·1	90	88	20 3	16 4	10	10	4·9	1·7	72	Dull *a.* Fine *p.*
26	978·3	1002·0	81·2	75·1	82	75	0·4	0·0	10·2	7·1	94	100	32 2	12 2	8	10	2·8	1·2	71	╱ 4 h.
27	993·5	988·8	82·2	83·4	86	74	0·4	0·5	11·2	11·9	95	95	12 6	16 3	10	3	1·4	1·0	72	Dull.
28	997·9	1002·0	78·9	75·3	84	75	0·8	0·4	8·2	6·8	90	92	20 3	16 3	4	0	—	1·6	72	Ψ 7 h. 30 m. Fine.
29	1003·3	1016·9	77·5	78·9	81	75	0·2	1·0	8·2	8·2	96	87	20 3	24 2	7	0	2·4	0·8	72	Short ●² showers. ⌒ 10 h.
30	1020·6	1014·5	78·5	83·3	84	76	0·6	1·1	8·5	10·9	93	87	20 5	20 6	10	10	1·9	—	72	Fair.
31	1010·5	1011·5	81·9	80·2	84	80	0·6	0·7	10·5	9·2	92	91	20 4	20 2	10●⁰	10	—	4·7	76	Fine. Double ⌒ 15 h.
Mean	1005·2	1007·2	80·1	80·0	83·4	77·0	0·7	0·6	9·4	9·3	91	92	3·7	3·5	7·9	5·1	108·6	1·39	73·8	
Mean Barometer at Station Level.	1003·3	1005·4																		

* Metres per second. † Beaufort Scale (0—12).

METEOROLOGICAL OFFICE, LONDON,
30*th January*, 1913.