MAP SHOWING POSITIONS OF STATIONS.

Scale 1 : 5,000,000.

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Observations from Stations underlined and from Upper Air Stations are published in the "Geophysical Journal."
Daily values are published in the following pages for all stations marked (d).

M.O. No. 227c.

METEOROLOGICAL OFFICE.

BRITISH METEOROLOGICAL AND MAGNETIC YEAR-BOOK, 1916.

PART III., SECTION I.

DAILY READINGS

AT

METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS

1916.

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

Stations.	Jan.	Feb.	Mar.	Apr.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Year.
Aberdeen . .	1	5	9	13	17	21	25	29	33	37	41	45	50
Armagh . .	4	8	12	16	20	24	28	32	36	40	44	48	56
Cambridge . .	3	7	11	15	19	23	27	31	35	39	43	47	—
Deerness . .	1	5	9	13	17	21	25	29	33	37	41	45	—
Douglas . .	2	6	10	14	18	22	26	30	34	38	42	46	—
Dublin . . .	4	8	12	16	20	24	28	32	36	40	44	48	—
Fort William .	2	6	10	14	18	22	26	30	34	38	42	46	—
Shrewsbury . .	3	7	11	15	19	23	27	31	35	39	43	47	—

ANNUAL SUPPLEMENT . . . . . pp. 49–56

METEOROLOGICAL OFFICE.

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

THE BRITISH METEOROLOGICAL AND MAGNETIC YEAR BOOK.

THE serial statistical publications of the Meteorological Office which have been grouped together under this title are as follows :—

Part I. *Weekly Weather Report*, with appendices. Issued on Friday of each week. Price 6d. per number. Annual subscription (which includes the Monthly Weather Report) 30s., postage paid.

Part II. *Monthly Weather Report*, with an annual summary. Issued 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. An annual supplement is also issued. Price 6d. each part. Annual volume, 5s.

(2) *Geophysical Journal* of the Observatories of the Meteorological Office. Issued in monthly parts, with an annual supplement. Price 1s. each part. Annual volume, 10s.

Part IV. *Hourly Values from Autographic Records.* Issued at the end of each year. Price 5s.

"DAILY READINGS" FOR THE YEAR 1916.

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 eight selected stations in the British Isles. The corresponding Daily Values for three Observatories, together with tables of Wind-Components for four anemograph-stations, will be found in the "Geophysical Journal" (Part III., Section 2 of the Year-Book). It may be noted that daily readings at 7 h. and 18 h. are given in the Daily Weather Report. The maps in that publication, as well as the descriptive summary in the Monthly Weather Report, may be regarded as complementary to the tables in the present volume. The issue of Section 2 of the Weekly Weather Report (Daily maps of the greater part of the northern Hemisphere) has been interrupted by the war.

On pp. 49–56 of this volume will be found the Annual Supplement, which shows at one opening the mean values or totals for each month, and for the whole year, of the various elements at eleven stations, together with the extreme temperatures and the maximum rainfall. For the annual values at stations not included in this Supplement reference should be made to the Annual Summary of the Monthly Weather Report. In the Annual Summary are also given in Tables VI., VII., and VIII. Monthly and Annual Frequencies of days of Sunshine of specified duration for sixteen stations; lowest day and the highest night temperature for each month, with the dates of their occurrence, for eighteen stations; and the frequency of specified daily rainfall

Wt. 43709/420—250—6/17. N. & Co., Ltd. Gp. XV.

totals for the year for eighteen stations. In the selection of stations for inclusion in the Annual Supplement, preference was given to those for which observations at an afternoon hour were available. The only change from the 1915 list is the substitution of Gorleston for Lowestoft.

To render the observations available for general use as early as possible the volume appears in 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.

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. Tables for conversion from British to Metric Units are given in the 1915 volume and in the "Computer's Handbook."

Hours of Observation.—The observations at Deerness, Aberdeen, and Fort William have been made at 9 h. and 21 h. by Greenwich Mean Time throughout the year, the adoption of "Summer Time" for the public clocks from May 21 to September 30 not affecting the use of Greenwich Time for meteorological purposes.

The hours of observation at Douglas, Shrewsbury, Dublin, and Armagh are reckoned by local time, approximately 20 minutes, 10 minutes, 25 minutes, and 25 minutes after Greenwich Mean Time. At the English stations the times of observation entered in the "remarks" column are referred to Greenwich Time throughout the year. At the Irish stations Dublin Time was used for this purpose until September 30. After that date the use of Dublin Time for civil purposes having been abolished by the Time (Ireland) Act, 1916, such entries are referred to Greenwich Time. With the introduction of Summer Time a permanent change was made in the hours of observation at Cambridge. Up to May 20 they were 9 h. and 21 h. From May 21 they have been 8 h. and 20 h.

Height of the Station.—The height of the station, denoted by the letter 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.

Pressure.—The values of pressure are given for Mean Sea Level, and the readings of the barometers 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 $= 0{\cdot}0295306$ inches or $0{\cdot}75008$ millimetres of mercury under standard conditions.

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 at or below 273 A. are printed in small type.

Hygrometry.—The Tables used in the computation of the vapour pressure and percentage humidity are based on Glaisher's formulæ, which represent the mean results of long series of comparisons between the readings of dry- and wet-bulb thermometers and dew point hygrometers. There may be considerable errors when the formulæ are applied to individual readings. In general the calculated humidities which are published here will be too low on windy days, too high in calm weather. The vapour pressure is expressed in millibars.

Wind.—At Deerness, Aberdeen, and Armagh, stations provided with Robinson 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 heights of the anemometers are as follows:—

	Above sea-level.	Above ground.
Deerness . . .	57 m.	5 m.
Aberdeen . . .	37 m.	22 m.
Armagh . . .	75 m.	15 m.

The observatory at Armagh is sheltered by trees, so that the recorded wind-velocity at this station does not represent the general flow of the air at the same level in the neighbourhood.

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. With the factor 2·2, winds below 8 m/s are probably under-estimated (see "Observer's Handbook," 1917, p. 79).

At the remaining stations the observations are estimated on the Beaufort Scale, 0 – 12. The following table may be used for a comparison between anemometer records and estimates on the Beaufort Scale. The table refers to the wind speed at 10 metres above ground in the open.

Beaufort Scale.		Calm. 0	Light Air. 1	Slight Breeze. 2	Gentle Breeze. 3	Modte. Breeze. 4	Fresh Breeze. 5	Strong Breeze. 6	High Wind. 7	Gale. 8	Strong Gale. 9	Whole Gale. 10	Storm. 11	Hurricane. 12
Mean wind speed at 10 metres.	mi/hr	Less than 1	1 to 3	4 to 7	8 to 12	13 to 18	19 to 24	25 to 31	32 to 38	39 to 46	47 to 54	55 to 63	64 to 75	Above 75
	m/s	Less than 0·3	0·3 to 1·5	1·6 to 3·3	3·4 to 5·4	5·5 to 7·9	8·0 to 10·7	10·8 to 13·8	13·9 to 17·1	17·2 to 20·7	20·8 to 24·4	24·5 to 28·4	28·5 to 33·5	Above 33·5

LIST OF STATIONS OF THE FIRST AND SECOND ORDERS.

Station.	Observer.	Daily Readings.	Monthly Summaries.	Collected Monthly Summaries.	Normals.
(*a*) Stations for which Daily Readings are published in this volume.					
Deerness	M. Spence	1886–	1886–	1886–1907	a. b. c.
Aberdeen	Prof. C. Niven, M.A., F.R.S.	*1911–	1876–	1886–1907, 1914–	a. c. e.
Fort William	W. T. Kilgour	*1911–	1890–	1890–1907	a. c.
Douglas	The Borough Surveyor	1878–	1884–	1878–1907, 1914–	a.
Shrewsbury	The Superintendent, Ordnance Survey Office.	1908–	1904–	—	—
Cambridge	R. I. Lynch, M.A. (for the Botanic Gardens Syndicate).	*1899–	1876–	1899–1907	a.
Armagh	J. L. E. Dreyer, PhD., and the Rev. Charles Faris.	*1884–	1884–	1884–1907, 1914–	a. c. d.
Dublin (Phœnix Park)	The Superintendent, Ordnance Survey Office.	1881–	1902–	1881–1907	a. c.
(*b*) Stations for which Daily Readings are published in the *Geophysical Journal*; summaries in this volume.					
Cahirciveen (Valencia Observatory).	L. H. G. Dines, M.A., Superintendent.	*1911–	1876–	1886–1907, 1914–	a. e.
Eskdalemuir	A. Crichton Mitchell, D.Sc., Superintendent.	1910–	1910–	1914–	—
Richmond (Kew Observatory).	C. Chree, Sc.D., F.R.S., Superintendent.	*1911–	1884–	1886–1907, 1914–	a. e.
(*c*) Stations for which Summaries only are published in this volume.					
Lerwick	Coastguard (for M.O.)	*—	1911–	1914–	a.
Castlebay	J. Smith (for M.O.)	*—	1908–	1914–	—
Huddersfield	J. Firth (for the Corporation)	—	1907–	1914–	—
Yarmouth (Gorleston)	Coastguard (for M.O.)	*—	1876–	1916–	a. c. d.
Falmouth	The Meteorological Office	*—	1869–	1886–1907, 1914–	a. e.
Southport	J. Baxendell	—	1902–	1914–	a
Reading (University College).	J. Duffield, Sc.D.	—	—	1914	—

* *See* Notes, p. vi.

The wind direction is *true, i.e.* geographical as distinguished from *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	•	Soft Hail	△	Hoar Frost	⌣	Thunder	T	Lunar Corona	Ⓤ
Snow	⁎	Ice Crystals	←	Dew	⌓	Lightning	<	Lunar Halo	Ⓓ
Snow lying	⊠	Fog	≡	Rime	V	Gale	⸝	Rainbow	⌒
Snow Drift	⸸	Wet Fog	≡⁝	Glazed Frost	~	Solar Corona	⦶	Aurora	⋔
Hail	▲	Mist	≡⁰	Thunderstorm	ⱪ	Solar Halo	⊕	Haze	∞

The intensities of the various phenomena are indicated by appending indices ^{0} or ^{2} to them, thus:—

•^{0} slight rain. •^{2} heavy rain.

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

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

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

NOTES ON THE LIST OF STATIONS.

A list of stations with the names of the Observers and references to previous observations is given on p. iv.

None of the stations for which daily values are given have appeared continuously in this publication since its commencement in 1873. The years during which each of the present stations has appeared are shown in the list as well as the years for which monthly summaries are published.

It may be noted that Daily Readings at the seven observatories in connection with the Meteorological Office—Aberdeen, Glasgow, Stonyhurst, Armagh, Valencia, Falmouth, and Kew—were not published as such when the publication of "Daily Readings at Stations of the Second Order" commenced in 1873. The weather at the observatories was recorded from 1869 to 1880 in the Quarterly Weather Report by means of reproductions of the traces of the autographic instruments. Hourly readings for all the observatories were published from 1874 to 1883. In 1884 the number of such observatories was reduced by the omission of Glasgow, Stonyhurst, and Armagh. It was not until the appearance of the "Geophysical Journal" in 1911 that the daily readings at the three observatories now under the direct control of the Office—Valencia Observatory, Cahirciveen, Kew Observatory, Richmond, and Eskdalemuir Observatory,

Dumfriesshire—were made accessible in the same form as those at the Stations of the Second Order given in this volume.

A card-catalogue showing the forms of publication of observations at the various stations is being prepared at the Office.

Deerness.—The following records for Orkney form an approximately homogeneous series: Stromness, 1827–1832; Sandwick, 1832–1885; Swanbister, 1886–1890; Stenness, 1890–1891; Deerness, since 1891. For data from 1827 to 1859, see "Meteorological Observations taken at Orkney, with remarks on the Climate," by the Reverend Ch. Clouston (1861). Observations have appeared in the *Journal of the Scottish Meteorological Society* from 1856.

Aberdeen.—Telegraphic reports from Aberdeen have been received since 1860. The Observatory dates from 1867. The telegraphic work was transferred to the Observatory in 1888.

Fort William.—This station was started in 1883 so that the observations might be available for comparison with those at the summit of Ben Nevis, where an observatory was in operation from 1883 to 1904. A first-class observatory was maintained at Fort William by the Meteorological Office from 1890 to 1904, and "Hourly Means" were published for those years.

Douglas.—The station was moved from Cronkbourne to the Cemetery in 1908.

Shrewsbury.—Observations from this station were first published in 1904.

Cambridge.—Daily observations appeared in the Daily Weather Report, 1872–1899. The meteorological station was transferred from the Observatory to the Botanic Gardens in January 1904.

Armagh.—Regular observations have been made at Armagh since 1833, and less systematic records are available from 1793. Armagh was one of the original seven observatories of the Meteorological Office, so that the observations have been published since 1869.

Dublin.—Observations have been made since 1853; publication by the Meteorological Office dates from 1881. For earlier years, from 1876, Dublin was only represented in official publications by Dr (now Sir) John Moore's station in the city.

Cahirciveen (Valencia Observatory).—The Observatory was established on Valencia Island in 1867, and moved to Cahirciveen in 1892. The telegraphic reports which were sent from Valencia from October 8, 1860, were not supplied by the Observatory until June 1876.

Eskdalemuir.—The Observatory was opened in 1908.

Richmond (Kew Observatory).—Systematic meteorological observations have been made since 1843. The Observatory was the model for the six observatories established by the Office in 1867.

Lerwick.—A telegraphic reporting station was established in the Shetland Islands in 1876 at Sumburgh Head. It was transferred to Lerwick in May 1911.

Castlebay.—Telegraphic station established in 1907.

Huddersfield.—Reports published from 1907.

Yarmouth.—One of the original telegraphic stations (1860). The position of the station was changed in 1872 and in 1907.

Falmouth.—One of the original observatories. Daily readings as such were not published until Falmouth became a telegraphic reporting station in 1914.

Southport.—For full particulars reference should be made to the summaries published locally.

Reading.—The observations published in the Monthly Weather Report refer to Leighton Park School.

NORMAL 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 IV. of "The Weekly Weather Report" for 1913. Monthly averages * of mean maximum, mean minimum, and mean temperature, and of rainfall for the thirty-five years 1876–1910, and (when available) of bright sunshine for the thirty years 1881–1910.

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 of the British Islands," Part I., 1866–1880; Part II., 1881–1890.

e. "Hourly Values from Autographic Records," *Geophysical Section*, 1912.

* Normal values of temperature, rainfall, and sunshine, for the thirty-five years 1881–1915, have been computed, and will be published as soon as possible.

NAPIER SHAW, *Director*.

METEOROLOGICAL OFFICE, LONDON, S.W.,
June 6th, 1917.

[*Price Sixpence.*]

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1916.

DEERNESS, ORKNEY, a.b.c.—JANUARY 1916.

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 = 0·30 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 9 h.	Air Pressure at Mean Sea Level. 21 h.	Air Temperature in Degrees Absolute. 9 h.	Air Temperature 21 h.	Air Temperature Max.	Air Temperature 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.		%	%	Dir. m/s.	Dir. m/s.	Tenths of Sky covered.		mm.	hr.	200+ °	
1	978·0	975·6	79·6	80·4	81	x80	0·2	0·4	9·5	9·7	98	95	14 16	20 5	10●	10●	7·6	—	No record.	● till 12 h. ● after 20½ h. [19 h.
2	997·9	982·7	80·1	80·6	81	78	0·7	1·7	9·1	8·1	91	79	22 10	20 17	2	10	x15·0	2·3		↙3 h. and 22 h.–24 h. ●² 17 h.–
3	994·9	1008·8	79·3	77·4	81	77	0·9	0·3	8·2	7·9	87	95	24 12	18 3	8●⁰	10●	7·9	2·3		↙1 h.–2 h. ● showers till 16 h.
4	992·2	985·1	79·4	79·3	80	77	0·2	0·9	9·3	8·3	97	87	18 5	20 13	10●	8●⁰	6·9	3·4		●⁰ 7 h.–9 h. ● showers *p*.
5	995·9	1010·1	79·7	79·6	81	79	1·8	1·2	7·4	8·1	75	83	24 18	24 11	2	3	9·4	0·5		● showers all day. ↙*a.* and *p*.
6	997·3	992·2	79·6	80·6	81	78	0·2	1·6	9·4	8·2	98	81	16 8	22 13	10●	2	8·6	—		● till 12 h. ● showers *p*.
7	980·7	998·3	80·0	78·0	81	77	1·1	1·1	8·5	7·3	85	84	24 17	28 14	6●⁰	8●⁰	3·6	—		● showers all day.
8	1014·9	1023·3	76·1	76·0	79	75	1·1	1·4	6·4	6·0	84	78	28 8	— 1	2	1	3·3	1·0		● showers and sleet *a*. Fine *p*.
9	1017·3	1011·8	78·9	82·2	x82	75	0·0	0·7	9·2	10·6	100	92	20 5	22 15	10●	10	3·8	—		● showers all day. ↙23 h.
10	1006·1	1007·1	79·1	76·1	x82	75	1·8	0·6	7·1	7·0	76	91	24 16	26 14	3	10	7·1	0·3		↙1 h.–5 h. and 11 h.–18 h. ● *p*.
11	1016·2	1024·0	75·9	75·4	n77	75	1·2	1·6	6·1	5·5	82	77	28 12	— 1	2●⁰	7	3·8	4·3		✲● (sleet) ▲ early. ⊍
12	1006·8	985·1	77·4	79·4	x82	76	0·1	0·6	8·3	8·8	99	92	16 12	24 11	10●	10●	7·1	—		● after 5 h. ↙22 h.–24 h.
13	995·9	1017·3	76·6	75·6	80	75	1·4	0·6	6·2	6·6	79	90	28 22	30 9	4●⁰	2	1·0	0·2		↙1 h.–14 h. ● showers.
14	1012·5	997·6	75·7	81·1	81	75	0·8	0·3	6·4	10·4	88	97	16 9	22 15	10●	10●⁰	5·8	—		● 7 h.–9 h. ●⁰ after 17 h.
15	993·9	1011·2	77·2	76·7	x82	75	2·2	1·2	5·7	6·5	n70	82	24 20	28 4	4	10	2·0	—		↙1 h.–14 h. ▲● showers.
16	1007·1	1006·4	78·4	79·4	81	76	0·1	0·6	8·8	8·8	99	92	18 7	22 7	10●⁰	10	3·0	0·5		d. all day.
17	1004·7	998·3	78·9	79·5	80	78	0·4	0·5	8·7	9·0	93	92	16 2	14 9	8	9	6·1	3·0		Fine; dull later.
18	997·9	996·9	78·3	79·4	80	78	0·6	1·1	8·2	8·1	93	85	18 4	16 13	1	10	—	3·2		Fine till 16 h., then overcast.
19	986·1	977·6	79·0	77·8	x82	78	0·9	1·1	8·1	7·2	87	85	14 16	18 14	10●	3	7·1	—		● 8½ h.–16 h. ↙10 h.
20	985·1	997·3	77·2	76·2	80	75	1·3	0·5	6·7	7·1	81	93	20 14	24 13	4	9	6·1	0·3		▲● showers all day. ⊼ 12 h.
21	986·8	995·2	81·1	77·4	x82	76	2·1	1·3	7·9	6·8	74	82	22 13	20 9	6	7	5·3	0·8		[▲² 15 h. ● showers *a*.
22	992·9	1011·5	77·3	75·0	79	n74	1·1	1·0	7·0	6·0	84	84	22 20	24 14	6●⁰	2	3·0	0·8		↙8 h.–11 h. and 16 h. ●▲
23	1013·9	994·6	78·3	80·6	81	n74	0·6	0·4	8·2	9·8	93	94	18 13	16 12	8	10	3·8	—		c. and o. ⊍ [showers. ⊼ *p*.
24	1001·3	999·0	76·8	80·6	81	76	1·3	0·0	6·5	10·4	83	100	20 12	20 9	3	10●⁰	7·1	2·4		Fair till 19 h., then ●⁰.
25	998·3	997·9	81·5	77·2	x82	77	0·6	0·6	10·3	7·5	93	92	20 10	22 15	10●	3	13·0	—		● till 19 h., then ● showers. <*n*.
26	1005·7	1012·8	78·8	75·6	80	76	1·4	0·6	7·4	6·6	81	91	22 11	22 2	8●⁰	1	2·8	0·6		< early. ● showers *a*.
27	1019·3	1021·7	75·7	76·7	78	75	0·3	0·7	7·1	7·1	96	91	22 3	18 5	1	0	—	6·2		Fine and bright all day.
28	1015·9	1011·8	77·3	79·0	80	76	1·2	0·6	6·9	8·6	83	92	16 12	18 7	6	1	0·5	—		Fine *a*. ● 12½ h.–14 h.
29	1011·5	1010·5	79·9	80·6	81	79	0·9	1·2	8·7	8·7	88	84	16 9	16 10	10	10	0·5	—		Dull.
30	1020·6	1025·7	77·6	78·4	81	77	1·5	1·0	6·6	7·6	79	87	26 7	16 7	2	2	—	5·8		↙4 h. Fine and bright.
31	1025·4	1026·4	75·4	79·4	80	75	0·6	0·4	6·6	9·0	92	93	20 2	16 3	2	10	—	5·0		Very fine all day.
Mean	1002·4	1003·7	78·3	78·4	80·6	76·4	0·9	0·8	7·8	8·0	87	88	11·1	9·5	6·1	6·7	151·2	1·38		
Mean Pressure at Station Level.	996·3	997·6																		

ABERDEEN, a.c.e.—JANUARY 1916.

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 = 0·61 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.	9 h.	21 h.	9 h.	21 h.		Remarks.
1	980·8	979·6	80·4	82·6	83	80	0·4	2·6	9·6	8·2	94	69	14 6	24 9	10●	8	1·7	0·8	No record.	q., with ● *a*. Fair from noon.
2	1003·9	993·7	79·3	80·7	82	79	2·0	2·5	7·1	7·2	74	69	20 5	20 5	0	0	3·5	—		Fine *a*. Dull, with ● *p*.
3	999·8	1013·3	79·3	77·8	82	78	2·3	1·5	6·7	6·8	70	79	22 4	18 2	2	10	—	4·6		q. Fair to fine. Dull *n*.
4	996·2	994·3	82·8	79·7	84	79	1·2	2·1	10·3	7·2	85	73	18 3	20 8	10	0	—	3·2		Dull to fine. q. most of day.
5	1005·0	1016·0	80·1	79·0	81	78	2·8	2·5	6·5	6·3	65	68	24 6	22 4	0	10	0·8	4·2		Fine, but q.
6	1002·9	998·8	79·7	81·7	x85	79	0·6	3·0	8·9	7·2	91	65	16 4	20 6	8	0	—	0·1		c. and mild.
7	989·5	1000·6	79·8	78·0	82	77	2·7	1·2	6·5	7·2	66	83	22 6	26 8	0	8●	2·7	2·8		Fine. Violently q.
8	1016·5	1025·5	76·4	75·1	n77	n74	1·5	1·1	6·0	5·8	77	82	26 7	26 2	6	0	0·9	1·1		Fair. q. ●⁰ showers.
9	1023·1	1019·0	77·5	82·7	84	n74	1·0	1·9	7·2	9·2	85	77	20 2	20 4	10●	1	—	—		Dull. ≡⁰●⁰ *a*. c. to fair. ⊍
10	1011·5	1012·2	84·3	79·9	x85	79	3·1	2·7	8·8	6·6	66	66	24 5	26 9	9	6	—	0·1		c. to fair, but q. ⋓⊍
11	1018·3	1026·7	76·8	75·0	80	75	2·3	1·1	5·4	5·8	68	82	26 6	26 3	6	6	—	3·6		Fair to fine. q. ⋓⊍ *n*.
12	1013·8	991·3	76·6	80·4	83	75	1·1	2·7	6·5	6·8	83	66	18 4	22 7	10●	7	2·1	—		●⁰≡⁰ *a*. Dull. c.
13	998·1	1017·4	76·7	75·8	78	n74	2·1	1·1	5·6	6·1	71	83	26 17	28 6	9	5	2·5	1·4		↙10 h. c. to fair. ✲⁰●△
14	1019·5	1005·2	75·3	79·6	82	n74	1·5	1·3	5·4	8·0	76	82	20 2	18 2	10≡⁰	7	0·4	—		≡⁰ *a*. c.
15	998·7	1014·2	80·7	76·9	x85	76	3·0	1·9	6·7	5·9	64	73	26 11	24 2	2	7	—	3·4		c. to fair *a*. Violent squalls.
16	1012·1	1009·8	78·3	76·1	81	n74	1·7	1·1	6·8	6·3	76	83	22 4	22 2	5	6	—	2·8		Fair to fine.
17	1006·0	1001·8	78·5	80·0	81	n74	0·5	0·5	8·4	9·3	93	93	18 2	14 5	3	9	x4·4	1·6		Dull to c., with ≡⁰.
18	1001·3	1003·1	79·7	79·4	81	79	1·1	1·4	8·3	7·7	85	81	20 6	18 4	0	0	—	4·5		●⁰ early *a*. Fine.
19	995·9	987·6	79·8	78·5	x85	78	1·6	2·1	7·7	6·5	78	72	16 6	20 8	10	1	2·2	—		Dull, g. and q., with ●⁰.
20	993·9	1004·6	76·2	75·9	79	76	1·6	1·7	5·8	5·6	76	74	20 6	20 3	1	8	—	5·0		Fine.
21	993·2	1001·7	82·1	79·6	x85	77	1·5	2·3	9·3	6·9	81	71	20 4	20 7	8	4	—	4·1		c. to fair.
22	1004·3	1019·1	77·8	76·0	79	75	2·9	2·0	5·4	5·4	n63	71	22 8	22 6	0	0	—	5·9		Fine, but q.
23	1020·4	1002·5	78·2	80·8	82	76	1·7	1·1	6·7	9·0	76	85	18 7	14 5	8	10	2·9	—		Dull and q. *a*. ●⁰ *p*.
24	1008·8	1007·1	75·4	80·1	81	75	1·2	1·5	5·9	8·1	81	80	18 3	18 8	0∞	1	—	5·4		q. ●⁰ early. Fine.
25	1005·4	1004·2	82·6	82·7	x85	x81	2·0	3·6	9·1	7·1	76	60	18 5	22 7	1	0	—	2·5		Fine.
26	1012·2	1014·8	79·0	78·3	81	77	2·6	1·4	6·2	7·1	67	80	20 5	— 1	1	10∞	0·2	0·7		Fine to c., then dull, with ∞⁰.
27	1021·7	1024·6	74·4	74·6	78	n74	1·1	0·8	5·4	5·8	80	86	22 2	— 1	0∞	0	—	3·1		Fine, with ∞⁰ *a*. c. ∞⁰ *p*.
28	1020·7	1016·1	75·6	79·4	81	n74	0·7	0·8	6·4	8·5	88	89	18 2	20 2	8∞	4≡⁰	—	—		⌙∞⁰ *a*. Dull. ≡⁰ *p*.
29	1015·7	1015·7	80·4	80·9	83	78	0·5	1·5	9·5	8·5	93	80	26 2	16 7	9≡⁰	10	—	0·7		≡⁰ *a*. Dull to c.
30	1025·1	1028·8	77·3	77·0	82	77	1·9	1·0	6·0	6·9	73	85	20 2	18 3	0∞	0	—	6·6		Very fine. [⌓ *n*.
31	1027·9	1029·0	75·5	75·6	82	75	1·1	0·5	6·0	6·7	83	91	20 2	20 2	0∞	0∞⌓	—	6·4		⌙ ∞⁰ *a*. Very fine, with ∞⁰.
Mean	1007·8	1009·0	78·6	78·7	81·8	76·4	1·7	1·7	7·1	7·1	78	77	5·0	4·8	4·7	4·5	24·3	2·42		
Mean Pressure at Station Level.	1004·5	1005·7																		

Corresponding Normal Values are referred to thus:—a. Appendix IV., "Weekly Weather Report," 1913; 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., 1881–1890; e. "Hourly Values," *Geophysical Section*, 1912.

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FORT WILLIAM, INVERNESS-SHIRE, a.c.—JANUARY 1916.

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 = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir. (0–12)	Dir. (0–12)	Tenths of Sky covered.		mm.	hrs.	200+ °	
1	974·2	987·5	83·6	80·8	84	80	1·1	1·6	10·9	8·4	86	80	20 5	24 4	10●	10●	17·0	No record.	No record.	● all day. q. at times.
2	1003·7	995·9	80·8	81·3	83	80	1·3	2·7	8·8	7·4	84	68	24 3	24 5	10●0	4	15·7			●2 showers.
3	1004·4	1011·2	79·7	80·2	82	78	1·6	1·7	7·7	7·9	78	78	20 3	24 3	10●0	10	32·8			Dull and c. ●
4	995·9	996·6	81·7	80·8	83	80	0·8	2·5	10·0	7·3	90	70	20 4	24 5	10●	10	20·8			●2 showers.
5	1010·1	1017·3	79·7	79·1	81	78	2·0	0·9	7·2	8·2	73	87	24 4	20 3	6●	10	21·6			●, q. at times.
6	1004·4	1001·7	82·4	81·3	84	79	0·1	1·3	11·6	9·0	99	83	20 4	20 5	10●≡	10●	20·6			≡ early; q. and ●2.
7	995·9	1007·1	79·8	79·7	82	79	1·3	2·9	8·1	6·3	82	64	24 4	4 2	10●	4	4·6			● and q.
8	1020·0	1025·4	76·2	77·4	80	76	1·6	1·2	6·0	6·9	77	82	Calm 0	20 1	4	10	0·3			Fine and sunny.
9	1025·4	1022·7	80·8	82·4	83	77	0·6	0·6	9·7	10·8	93	92	20 3	20 3	10≡ ● 0	10● 0	6·9			o., with ●≡ ≡ 0.
10	1016·6	1017·3	82·9	79·1	84	79	1·2	0·8	10·3	8·3	85	89	20 5	28 2	10●	10● 0 ≡	5·1			Dull and showery. ≡
11	1021·7	1026·7	77·3	76·2	79	75	2·7	1·4	5·4	6·1	64	79	8 2	20 1	5	6∞	3·0			Fair to fine; ∞ n.
12	1013·9	999·3	79·7	80·0	82	76	0·1	1·6	9·7	7·9	99	79	20 3	24 6	10●≡	10●	16·0			●≡ ≡ 0 and q.
13	1012·2	1021·7	76·2	75·8	80	76	2·4	1·7	5·0	5·6	66	75	32 6	Calm 0	9●	3	0·5			q. Snowing on hills. (21 h.
14	1018·3	1008·1	76·3	81·6	82	n 74	0·6	0·6	7·1	10·3	91	93	20 3	20 3	10●0≡	10● 0	17·8			≡, ≡ 0, and ●.
15	1006·8	1014·9	79·1	77·0	83	77	0·8	1·4	8·3	6·4	88	79	20 4	20 2	10●≡0	10	3·0			● early, then generally fair to
16	1013·5	1010·1	79·7	78·6	80	77	0·6	0·6	8·9	8·3	91	92	20 2	20 1	10●0	10●0 ≡	0·8			Dull and showery. ≡
17	1003·7	996·3	79·7	84·1	x 85	78	0·7	1·8	8·8	10·4	90	79	Calm 0	20 4	10	10●	10·4			Generally fair; ● n.
18	1000·0	1000·7	80·2	80·8	84	80	1·7	2·2	7·9	7·6	78	73	20 4	24 5	10	10	5·1			Fair, but dull; q. at times.
19	990·8	987·5	81·3	80·2	83	78	1·1	2·9	9·3	6·5	86	64	20 6	20 5	10●	5	37·3			●2 most of day. q. (n.
20	995·9	1005·4	77·8	78·6	80	76	2·8	1·7	5·5	7·0	63	78	24 5	20 4	5	10	17·0			●▲; q. Snowing on hills.
21	996·6	1001·0	81·3	80·2	83	76	1·1	1·9	9·3	7·5	86	75	24 4	24 4	10●	7	4·8			● showers; q. Snowing on hills.
22	1006·1	1021·3	75·8	79·3	80	75	0·6	3·1	6·8	6·0	91	n 62	20 5	24 5	9●0	5	3·3			●▲K 14 h. q. Snowing on (hills.
23	1016·6	996·9	80·1	82·3	84	78	2·6	1·2	6·7	10·0	67	85	20 5	20 5	10	10	6·6			q. and showery.
24	1008·8	1009·1	77·8	81·3	83	76	1·5	0·6	6·8	10·1	79	93	20 4	20 5	6	10●2	x 55·4			Dull. ●2 and q. from 15 h.
25	1007·4	1007·4	81·9	81·8	82	x 81	0·6	2·8	10·5	7·5	93	67	20 6	24 5	10●2	6<	35·1			●2 and q. till 17 h. <n.
26	1012·8	1015·9	79·5	76·7	82	76	2·1	0·4	7·1	7·4	73	95	20 3	20 1	10	9●0	5·1			Dull and showery.
27	1022·0	1023·0	74·7	76·3	n 77	n 74	0·2	0·6	6·7	7·1	97	91	Calm 0	Calm 0	8	9∞	—			Fair to fine. ∞ n.
28	1015·6	1014·5	77·9	80·6	82	76	1·6	1·1	6·7	9·0	78	87	4 1	20 2	10●0	10●0	11·2			Dull and showery.
29	1013·2	1011·2	82·8	81·3	83	80	1·9	1·0	9·2	9·5	76	87	20 3	20 3	10	10●	8·1			Dull and showery. ●2 n.
30	1025·0	1027·4	77·3	78·0	82	76	0·7	1·7	7·4	6·6	91	77	20 1	20 2	2	1	—			Fine and sunny.
31	1028·1	1028·4	80·1	80·7	82	77	1·4	1·0	8·1	9·0	82	87	20 1	20 1	10	10	—			Fine, mild, and sunny.
Mean	1009·0	1010·0	79·5	79·8	82·1	77·4	1·3	1·5	8·1	7·9	83	80	3·3	3·1	8·8	8·4	385·9			
Mean Pressure at Station Level.	1007·5	1008·5																		

DOUGLAS, ISLE OF MAN, a.—JANUARY 1916.

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 = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time.

1	982·7	998·3	83·0	81·2	84	77	0·6	1·5	11·2	8·8	93	81	16 8	24 10	10	2	1·3	—	79	o. ●/ showers.
2	1008·4	1006·1	81·9	81·5	84	80	0·0	0·7	11·5	9·8	100	91	16 3	24 5	10●	8	7·9	—	77	o., with ● 9 h.–15 h.
3	1012·5	1017·3	80·2	81·6	82	80	1·1	0·3	8·5	10·8	85	96	24 6	20 4	3	10	—	4·7	78	Fine, but q.
4	1006·1	1009·8	83·0	79·9	84	80	0·0	1·3	12·2	8·1	100	81	20 8	22 6	10	2	1·5	—	79	/. o., with ● 10 h.–noon.
5	1020·0	1022·0	79·6	80·2	81	79	0·6	0·4	8·8	9·5	92	94	24 4	20 2	10	10●	1·0	3·2	78	c. Bright intervals.
6	1015·9	1010·5	84·1	82·6	x 85	80	0·3	0·4	12·9	11·2	97	96	22 4	24 4	10	10●	6·4	—	76	o., q., with ● showers.
7	1005·4	1010·8	80·2	78·7	83	78	0·6	1·3	9·1	7·4	91	83	26 6	26 8	10	2	7·9	3·0	79	c. /
8	1022·3	1028·1	78·6	79·7	n 80	77	0·6	0·5	8·5	9·1	92	94	24 3	24 1	8	10	0·5	0·2	77	Dull and o., with ● showers.
9	1031·1	1029·8	80·5	81·9	82	80	0·6	0·3	9·5	10·8	93	97	26 2	26 3	10	4	1·3	0·4	77	o. ● showers from 13 h. /
10	1026·7	1024·4	82·1	82·4	84	x 81	0·4	0·8	10·8	10·5	95	90	24 4	24 8	10	10	1·0	2·2	79	● showers a. c. and q. /
11	1022·3	1029·1	82·4	78·0	83	77	0·0	0·9	11·9	7·4	100	86	26 6	Calm 0	10●	8	2·5	—	81	● showers a. Dull and o.
12	1022·7	1009·1	81·3	81·3	83	77	0·4	1·5	10·2	8·8	94	80	24 3	26 10	8	10	2·5	—	77	o. and q. / p.
13	1013·2	1023·7	78·1	78·0	81	77	1·7	1·7	6·8	6·8	77	77	28 10	28 3	7	4	—	4·8	75	/▲ showers.
14	1024·4	1017·9	77·4	80·9	81	n 76	1·1	0·2	7·1	10·2	84	98	24 1	22 4	8	10	1·3	0·1	n 74	Dull and o. ● after noon.
15	1013·9	1018·9	81·6	81·3	83	80	0·8	0·4	9·8	10·2	89	94	24 6	24 4	4	10●	—	5·4	76	q. ● showers 21 h.
16	1018·9	1013·9	79·7	81·3	82	79	1·5	0·2	7·8	10·5	79	97	20 2	18 3	10	10●	1·3	0·1	79	Dull and o., with ● showers.
17	1007·1	1001·7	80·8	81·9	82	80	0·0	0·0	10·5	11·5	100	100	16 2	18 3	10●	10≡●	4·6	—	79	o. ●≡2 17 h.–23 h.
18	1006·8	1008·1	79·7	80·8	82	79	0·6	1·0	9·1	9·1	92	88	22 2	20 4	0	6	2·0	6·0	76	≡2 a. Very fine. q.
19	1003·4	1002·0	81·9	80·8	84	80	0·3	2·2	10·8	7·8	97	73	20 6	22 6	10●	8	6·4	—	78	o., with ●.
20	1007·4	1015·9	76·9	80·2	81	n 76	1·1	1·5	6·8	8·1	84	79	24 6	22 5	8	10	6·9	4·2	75	q. o. after 18 h.
21	1007·4	1009·5	83·0	81·9	84	79	0·2	0·5	11·9	10·5	98	94	22 4	22 3	10●	10	x 8·9	—	76	o. Continuous ● afternoon.
22	1017·6	1029·8	79·1	78·8	82	79	2·3	0·8	6·4	8·1	n 70	88	24 6	22 2	3	4	—	5·1	77	Fine, but q.
23	1025·4	1009·1	79·7	81·6	82	79	0·6	0·6	9·1	10·2	92	92	16 4	18 8	10	10	3·1	—	76	o. and q. ● after 13 h. /
24	1019·3	1021·3	78·2	80·8	82	77	1·3	1·4	7·1	8·8	82	83	22 3	22 6	2	10	—	6·8	75	Fine, but q.
25	1020·0	1016·9	81·3	81·3	82	x 81	1·1	0·4	9·5	10·2	86	94	20 5	20 4	10	10●	—	—	77	o. and q. ● 21 h.
26	1019·3	1016·2	80·9	78·6	82	79	0·1	0·4	10·5	8·5	99	95	24 2	28 3	10●	10●	2·3	—	80	o., with ● showers.
27	1023·7	1025·4	77·3	79·1	n 80	n 76	0·7	0·8	7·4	8·5	90	88	30 1	14 2	8	8	0·3	1·2	n 74	⌣ early. c.
28	1021·0	1020·6	80·8	81·4	82	79	0·0	0·1	10·5	10·8	100	99	16 3	20 4	10●	10	2·5	—	77	q., with ● showers.
29	1020·6	1021·0	81·7	81·9	82	x 81	0·9	1·3	9·8	9·5	88	84	18 4	16 5	8	8	1·5	—	80	o. and q., with ● showers.
30	1027·4	1031·1	78·0	81·3	82	77	0·4	0·0	8·1	10·8	94	100	28 1	20 2	8	10≡●	1·0	0·2	n 74	o. ● showers after 13 h. ≡ 21 h.
31	1032·5	1031·1	81·1	80·8	82	x 81	0·9	0·5	9·5	9·8	89	94	18 3	20 2	10	10	—	0·4	77	c.
Mean	1016·3	1017·1	80·4	80·7	82·3	78·7	0·7	0·8	9·5	9·4	91	90	4·1	4·3	8·2	8·2	75·9	1·55	77·2	
Mean Pressure at Station Level.	1005·6	1006·4																		

x denotes the maximum and *n* the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

SHREWSBURY, SHROPSHIRE.—JANUARY 1916.

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 = 0·30 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir. (0–12)	Dir. (0–12)	Tenths of Sky covered.		mm.	hr.	200+ °	
1	992·2	1004·7	84·2	82·4	86	80	0·5	2·4	12·2	8·5	93	n 71	16 4	16 10	10●	7	2·1	No record.	77	● a. / from 10 h. 30 m.
2	1013·9	1009·5	80·9	84·2	86	79	0·2	0·3	10·2	12·5	98	96	22 3	16 6	10●	10●	x 4·6		74	Dull, with ● showers. [Fine n.
3	1016·6	1021·3	81·4	81·3	85	80	1·7	1·6	8·5	8·5	78	79	24 4	20 3	5	10	—		76	Fine. [19 h.
4	1013·5	1012·5	84·7	81·7	x 87	80	1·4	2·0	11·5	8·5	84	75	16 6	24 4	10	0	—		76	Dull a. ●showers 14 h. 30 m.–
5	1022·3	1026·1	79·6	79·7	83	77	1·4	1·3	7·8	8·1	81	83	26 3	24 2	10	7	—		74	Dull a. Fine and bright.
6	1018·9	1015·9	84·6	84·1	85	79	1·0	0·5	11·9	12·2	87	93	24 7	22 7	10	10●	2·3		76	Dull a. ● from 19 h. 30 m.
7	1007·8	1012·5	81·7	78·8	85	78	1·7	1·9	8·8	6·8	79	75	20 3	26 4	7	5	1·2		79	●0 a. Dull, with ● showers.
8	1021·7	1027·7	79·2	80·1	n 81	78	0·9	1·5	8·5	8·1	88	79	24 4	24 4	7	10	1·1		74	Fine a. ● shower 16 h.
9	1032·2	1032·5	81·2	81·3	82	79	0·4	1·1	10·2	9·5	94	86	26 3	22 5	7	10	—		77	Fine.
10	1030·5	1027·4	81·6	82·9	85	x 81	0·9	1·3	9·8	10·2	89	84	22 2	24 5	5	5	—		77	Fine. ⌒ 12 h. 30 m.
11	1023·7	1029·8	83·3	79·8	85	80	1·4	0·9	10·2	8·8	82	88	24 5	24 2	7	10	—		77	Fine.
12	1026·4	1011·5	81·2	83·0	84	79	1·0	0·4	9·5	11·5	87	94	22 3	20 7	10	10●	—		75	Dull and o. Wild wet n.
13	1014·5	1022·7	78·2	76·9	85	77	1·2	1·7	7·4	6·1	84	77	26 4	26 2	5●	0	0·8		74	● showers.
14	1026·1	1021·3	75·9	81·7	82	74	0·9	1·6	6·4	9·1	86	81	22 2	22 4	10	10	—		n 70	Dull and o. till 11 h., then fine.
15	1018·3	1020·6	81·3	80·8	84	80	1·3	1·1	9·1	9·1	83	86	26 4	24 2	5	5	—		77	Fine.
16	1021·3	1016·9	79·2	80·8	82	79	1·1	0·9	8·1	9·1	85	89	24 2	20 3	5	10	—		75	Fine.
17	1010·5	1005·1	79·7	83·1	84	79	0·6	0·7	9·1	11·2	92	92	16 4	20 5	5	7	0·9		75	Fine a. ● 19 h.–21 h.
18	1010·1	1012·5	79·7	78·0	84	77	1·1	0·6	8·1	8·1	84	92	16 3	16 4	5	0	0·9		74	Fine a. ● showers from 14 h.
19	1010·8	1007·1	82·7	82·6	86	76	1·0	1·8	10·5	9·1	87	78	18 6	20 5	8	4	1·2		72	[n.
20	1011·5	1020·6	78·3	79·7	84	78	0·6	1·7	8·1	7·4	91	77	20 6	18 6	10●	10	1·4		75	● early. Fine from 10 h. Dull
21	1012·8	1014·2	84·9	84·2	86	79	0·8	0·6	12·5	12·2	90	92	16 6	20 6	10	5	—		75	● early. q.
22	1021·0	1032·5	79·9	77·4	85	77	0·5	0·5	9·1	7·8	92	92	20 6	20 2	5	0	—		76	Bright.
23	1029·8	1017·6	75·9	82·0	83	75	0·4	1·2	7·1	9·5	94	85	16 1	16 2	2	8	—		n 70	Fine.
24	1022·7	1026·1	77·0	78·8	82	76	1·1	1·4	6·8	7·4	84	81	24 2	20 1	0	0	—		76	Fine.
25	1024·7	1021·7	81·1	81·1	83	79	2·0	1·4	8·1	8·8	75	82	18 4	18 3	5	8	—		74	Fine.
26	1021·3	1019·3	82·4	81·3	85	x 81	1·3	1·4	9·8	8·8	83	83	20 3	22 3	5	0	1·4		76	Fine.
27	1022·7	1025·7	78·8	79·4	84	78	0·2	0·6	8·8	8·8	96	92	28 1	18 1	10●0	10	—		76	o. ●0.
28	1023·0	1024·4	79·7	81·9	85	80	0·1	1·7	9·5	8·8	98	79	24 1	20 3	5	8	—		77	Fine.
29	1025·0	1025·4	79·1	79·4	84	79	0·5	0·3	8·8	9·1	92	96	16 3	18 1	5	0	—		74	Fine.
30	1029·1	1032·5	80·5	79·9	85	80	0·9	0·8	9·1	8·8	88	88	16 2	16 1	7	3	—		74	Fine.
31	1034·5	1032·8	73·0	79·7	82	n 72	0·3	1·1	5·8	8·1	93	84	16 1	Calm 0	5	10	—		n 70	Fair. Fine cold n.
Mean	1019·7	1020·3	80·3	80·9	84·1	78·2	0·9	1·2	9·1	9·0	88	85	3·5	3·6	6·8	6·2	16·8		74·9	
Mean Pressure at Station Level.	1011·8	1012·4																		

CAMBRIDGE, a.—JANUARY 1916.

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 = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local mean time.

1	1001·2	1005·0	84·5	83·6	x 87	x 80	1·1	3·1	11·5	8·5	87	n 66	18 7	20 10	10●	5	0·8	1·1	77	● early. c. /
2	1017·7	1010·9	81·8	85·5	86	79	0·9	0·7	9·8	13·2	88	91	20 3	20 3	10	10	x 6·6	—	75	Dull. ● from 10 h.
3	1015·9	1025·4	81·9	79·7	86	79	1·7	0·6	8·8	8·8	78	91	24 5	24 2	0	2	—	5·4	78	Beautiful day.
4	1018·5	1011·7	83·3	84·1	86	x 80	1·0	0·3	10·8	12·9	87	97	20 5	20 5	9	10●	x 6·6	—	75	Bright a., then dull. ●2 p.
5	1023·0	1027·3	78·1	78·0	84	77	1·0	0·9	7·4	7·4	86	87	20 3	24 1	5	0	—	1·0	74	c.
6	1021·0	1016·7	84·1	84·2	86	77	0·6	1·0	12·2	11·5	92	87	24 3	24 6	10	10	—	0·1	74	Dull.
7	1006·6	1009·7	84·3	79·1	85	79	1·3	1·7	11·2	7·4	84	79	20 6	24 6	10	1	3·0	0·5	81	● 10 h.–noon. c.
8	1019·4	1026·1	78·0	76·2	80	76	1·1	0·9	7·4	6·8	84	87	26 3	28 2	3	0	—	2·3	73	c. Sunny intervals 9 h.–15 h.
9	1032·2	1031·8	74·2	78·5	80	n 71	0·1	0·6	6·4	8·5	98	93	28 1	28 2	10	2	0·3	—	n 68	Dull.
10	1029·9	1026·4	79·4	81·3	84	76	0·4	1·1	9·1	9·5	94	87	20 4	24 3	5	3	—	2·5	74	● early. Sunny 10 h.–noon.
11	1021·5	1029·5	83·0	79·7	84	77	1·7	0·7	9·8	8·8	80	90	26 5	28 1	10	3	1·3	—	77	o. ● 14 h.–15 h. 30 m.
12	1026·9	1012·0	77·5	81·4	82	72	0·3	1·1	8·1	9·5	95	86	16 2	24 6	10	10	0·3	0·6	70	Dull.
13	1010·8	1017·8	78·3	75·8	82	75	2·1	1·6	6·4	5·8	74	76	28 5	28 6	3	0	—	4·9	74	Fine.
14	1024·9	1022·4	74·1	76·4	n 79	73	1·1	0·6	5·4	7·1	79	90	28 1	28 1	1	8	—	5·3	69	⌣ early. Fine.
15	1017·0	1020·1	81·0	79·1	84	76	1·9	1·1	8·1	7·8	76	84	24 5	24 3	8	5	—	0·3	74	c.
16	1022·0	1019·6	78·4	80·2	81	76	1·0	0·8	7·8	9·1	87	89	20 3	24 2	0	10	—	2·0	73	Fine till 11 h., then o.
17	1014·0	1010·5	79·1	82·7	83	78	1·0	0·3	8·1	11·5	86	96	16 3	18 3	10	10●	0·8	—	75	o. ● n.
18	1011·3	1014·7	81·3	79·7	84	x 80	0·1	0·3	10·8	9·5	99	96	20 1	18 3	6	10	—	0·1	76	o.
19	1016·8	1008·6	80·1	84·8	85	76	0·7	0·2	9·1	13·2	90	98	18 5	20 8	5	10●	0·5	1·0	72	Sunny a., then o. Dull n. /
20	1014·3	1022·4	78·8	78·0	85	77	0·4	1·5	8·8	6·8	94	79	22 4	20 6	2	10	3·3	4·0	74	● 10 h.–11 h. Fine.
21	1016·7	1017·8	84·1	85·3	86	78	1·4	1·7	10·8	11·2	85	79	20 8	20 7	10	10	—	—	74	o. /
22	1021·1	1032·9	83·8	75·8	85	76	1·7	0·7	10·2	6·8	80	89	24 5	Calm 0	7	0	—	4·3	80	Sunny intervals. ⌣ n.
23	1033·4	1022·2	73·8	80·8	81	n 71	0·1	0·9	6·4	9·5	97	90	14 1	20 5	3	10	—	4·5	69	Sunny till 14 h. ⌣
24	1021·8	1028·4	79·7	75·8	83	76	1·1	0·6	8·1	6·8	84	90	24 2	18 1	9	0	—	6·2	77	●0 7 h. 30 m. Fine.
25	1025·9	1024·2	77·2	79·9	82	75	0·9	1·9	7·1	7·4	88	74	20 4	24 4	6	8	—	3·7	72	⌣ early. Sunny till 2 h.
26	1023·8	1021·4	79·3	80·2	84	79	0·7	0·6	8·5	9·1	89	91	20 2	20 3	5	0	—	1·3	74	Sunny a. c.
27	1023·5	1026·6	80·8	79·1	81	79	0·5	0·0	9·8	9·5	93	99	20 2	Calm 0	10

ARMAGH, a.c.d.—JANUARY 1916.

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 = 0·30 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir. m/s.	Dir. m/s.	Tenths of Sky covered.		mm.	hr.	200+ °	
1	973·2	1001·0	82·4	78·8	x 85	79	1·2	1·0	9·9	7·9	85	86	16 7	22 5	10●	8	4·8	—	78	● showers.
2	1001·3	1004·4	81·8	79·7	x 85	78	0·5	1·7	10·6	7·5	94	77	14 7	20 5	10	9	8·8	—	76	● showers a. o.
3	1014·2	1011·5	79·2	80·4	83	79	1·2	1·1	7·9	8·8	83	86	20 5	16 7	3	10	1·8	3·8	77	Fine.
4	1003·4	1008·8	81·7	77·8	x 85	78	0·9	1·5	9·9	6·8	90	79	20 6	20 4	10	7	—	1·8	79	c.
5	1020·6	1019·3	78·6	78·9	81	77	1·2	1·0	7·5	8·0	84	87	20 4	16 5	3	10●	1·2	3·0	76	Fine.
6	1012·5	1009·5	84·4	82·1	x 85	79	0·8	1·0	12·1	9·9	90	88	20 9	20 5	10	10●	2·2	—	77	o., with drizzling ●.
7	1007·1	1015·2	78·6	76·9	x 85	77	1·3	0·7	7·4	7·2	83	90	24 3	26 4	8	9	1·0	2·8	77	Fine.
8	1025·0	1028·8	78·1	80·8	81	76	0·8	0·1	7·6	10·4	89	99	24 2	— 1	5	10	0·7	0·1	74	o.
9	1031·1	1030·5	80·5	81·4	82	80	0·3	0·3	9·9	10·5	96	96	20 3	20 3	10	10	1·8	—	77	o.
10	1027·7	1025·4	81·8	82·8	84	x 81	0·5	0·9	10·5	10·6	93	89	22 3	24 4	10	10	0·7	0·2	81	o.
11	1025·4	1028·4	82·8	80·8	84	79	0·4	0·1	11·4	10·4	95	99	24 4	— 1	10●	10	4·2	—	81	Drizzling ● most of day.
12	1019·6	1011·8	81·7	79·5	84	80	0·6	0·4	10·4	9·1	93	94	20 4	24 5	10	4	0·7	—	80	o.
13	1020·0	1026·1	77·8	76·9	n 80	76	1·5	2·1	6·8	5·7	79	n 72	28 4	28 2	7	8	—	2·7	74	Fine.
14	1022·7	1017·6	77·7	80·5	82	75	0·5	0·8	7·8	9·2	92	90	20 4	20 4	10	10	0·1	0·2	74	o.
15	1015·2	1018·3	81·7	80·0	84	80	1·3	1·0	9·2	8·6	83	86	22 4	20 2	9	10	—	1·5	78	c.
16	1016·6	1009·8	78·4	81·2	81	79	0·4	0·6	8·3	9·8	94	91	20 3	16 4	10	10	—	—	78	o.
17	1002·0	998·6	81·9	81·7	x 85	x 81	0·6	0·8	10·5	10·0	93	90	16 4	20 5	10	9	0·6	0·2	79	o.
18	1003·7	1005·1	78·8	78·4	83	77	1·3	1·0	7·5	7·6	83	86	18 5	18 5	0	0	2·9	6·1	76	Fine.
19	996·9	1000·3	83·7	78·3	x 85	77	0·5	1·5	12·0	7·0	94	80	18 9	20 7	10	3	11·7	—	76	o. and q.
20	1008·4	1011·2	75·6	78·6	81	75	0·6	1·7	6·6	7·0	91	78	22 4	18 5	7	10	3·1	2·0	73	o., with a few ● showers.
21	1004·4	1008·1	84·1	78·1	x 85	78	0·7	2·0	12·1	6·4	92	74	20 7	— 1	9	0	4·6	0·1	75	o., with ● showers.
22	1017·3	1027·4	77·5	78·0	82	76	1·7	1·2	6·4	7·2	76	83	20 6	18 4	0	9	—	6·1	75	Fine.
23	1017·6	1002·4	80·4	82·7	84	75	0·6	1·4	9·4	9·9	92	83	16 8	18 10	10	10●	4·6	—	76	o.
24	1017·9	1018·3	76·9	80·7	83	75	1·1	1·3	6·7	8·7	84	84	20 5	20 8	0	10	—	5·3	74	Fine till 14 h.
25	1015·9	1013·9	81·6	82·3	84	80	0·9	1·5	9·8	9·4	89	81	20 6	20 7	10	10	1·2	—	76	o.
26	1017·3	1017·3	80·4	77·6	82	77	0·2	0·1	9·9	8·3	97	99	18 3	— 0	10	10	x 15·5	—	80	● 9 h.–20 h.
27	1023·3	1023·7	76·2	76·9	81	n 74	0·1	1·0	7·4	7·0	98	86	— 1	18 2	9	10	1·0	4·4	n 71	Fine.
28	1015·2	1016·2	81·9	81·5	84	75	0·7	1·4	10·3	9·1	92	83	16 6	18 3	10	5	—	3·0	n 71	Fine.
29	1015·2	1016·2	82·4	81·7	83	x 81	1·6	1·5	9·3	9·0	79	81	18 5	18 8	10	10	2·0	—	78	o.
30	1027·4	1028·8	75·7	80·6	82	n 74	0·6	0·3	6·6	10·0	91	96	— 1	16 3	0	10	—	6·5	n 71	◡ early. Fine.
31	1029·8	1029·4	81·7	79·2	82	79	1·1	0·2	9·6	9·2	86	97	16 4	18 2	10	5	0·3	—	74	o.
Mean	1014·4	1015·6	80·2	79·8	83·1	77·6	0·8	1·0	9·1	8·6	89	87	4·7	4·2	7·7	8·3	75·5	1·61	76·2	
Mean Pressure at Station Level.	1007·0	1008·0																		

DUBLIN (PHŒNIX PARK), a.c.—JANUARY 1916.

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 = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin mean time.

Day.													Dir. (0–12)		Dir. (0–12)							
1	977·3	1005·7	83·8	80·1	86	77	0·9	1·8	11·5	7·8	90	77	20	8	24	8	10●	4	4·8	0·2	79	⅂ a. ●2 a. and p. c.
2	1004·4	1007·4	80·0	80·7	84	79	0·8	1·1	8·8	9·1	89	86	20	2	24	2	7	0	—	—	76	c.
3	1016·6	1015·9	79·4	82·4	83	79	1·2	1·6	8·1	9·6	83	79	24	2	20	7	1	10	0·7	2·7	77	● showers a. c.
4	1005·7	1012·5	85·1	79·5	86	79	1·0	1·6	12·2	7·8	87	78	20	7	24	6	10●	7●	2·9	—	81	c. ●2 showers p.
5	1023·0	1022·0	78·5	81·2	82	77	1·1	1·4	7·8	8·8	86	82	24	2	24	3	8	7	1·1	4·6	75	Fine. ●2 showers p.
6	1016·9	1012·8	85·2	84·4	x 87	77	1·1	0·7	12·2	12·2	85	91	24	5	20	5	7	7	8·7	0·3	80	o. ●2 p.
7	1009·1	1017·3	79·4	76·4	85	75	0·8	0·8	8·5	6·8	87	88	24	3	28	5	3	0	2·8	3·3	77	Fine.
8	1025·7	1030·1	77·2	81·8	82	76	0·9	0·5	7·1	10·5	88	93	24	2	28	3	6	7	0·2	0·6	75	● till 2 h. 30 m. c. ●2 p.
9	1032·8	1032·8	80·4	81·7	82	80	0·7	0·5	9·1	10·5	90	94	24	2	20	3	9	8	0·3	0·5	79	c.
10	1030·1	1029·1	82·4	82·8	84	x 81	0·7	1·1	10·8	10·5	92	87	20	3	24	4	8	10	0·2	0·2	81	o.
11	1027·1	1029·8	82·8	82·3	84	x 81	1·1	0·9	10·5	10·5	87	89	24	3	28	3	10	7	0·2	—	80	o.
12	1024·0	1014·5	81·6	81·5	84	x 81	0·8	2·1	9·8	8·1	90	n 74	20	3	28	5	8	1	0·3	—	80	o.
13	1020·6	1027·7	77·7	75·6	82	75	1·4	1·1	6·8	6·1	80	83	28	2	24	1	1	5	—	3·0	76	Fine.
14	1025·4	1020·0	77·9	80·6	n 81	75	1·2	0·5	7·1	9·8	84	94	20	1	24	3	7	8	—	—	n 71	o.
15	1018·6	1020·3	81·5	80·6	84	80	1·3	0·7	9·1	9·5	83	92	24	3	24	2	10	7	—	0·6	79	c.
16	1018·3	1011·5	79·7	82·1	84	78	1·1	1·5	8·1	9·1	83	81	24	1	16	3	9	7	—	0·2	76	c.
17	1004·0	1001·5	82·3	83·9	86	79	1·0	1·0	10·2	11·5	87	88	16	1	20	1	4	8	—	0·3	77	c.
18	1005·7	1007·4	79·8	79·1	84	79	1·4	1·2	8·1	7·8	81	83	16	3	16	3	1	2	0·7	6·5	76	Beautiful day. ● shower 14 h. [30 m.
19	1001·7	1005·1	83·3	79·4	86	79	0·6	1·6	11·5	7·4	93	78	20	6	24	6	10●	6	5·9	0·2	76	● a and p. c.
20	1011·8	1014·9	75·6	80·3	n 81	75	0·7	1·7	6·4	7·8	90	78	16	6	16	5	5	6	2·1	3·5	74	Fine. ●0 p.
21	1007·4	1011·2	85·6	83·3	x 87	79	1·0	1·2	12·5	10·5	88	86	16	6	16	3	9●	7	x 9·3	1·8	79	●0 till 8 h. c. ⌒ 10 h. ●0
22	1020·0	1030·5	77·9	77·9	84	77	1·1	1·1	7·4	7·4	85	85	20	2	20	1	0	6	—	6·3	75	Beautiful day.
23	1022·3	1006·4	82·4	83·0	85	77	2·1	1·1	8·8	10·5	75	86	20	1	20	9	8	7	3·7	0·1	74	c. ●2 p.
24	1021·0	1021·0	76·6	79·4	84	75	1·1	1·3	6·4	7·8	84	81	20	1	20	7	1	8	—	6·9	72	Beautiful day.
25	1019·6	1018·3	81·6	82·4	84	79	1·4	1·6	9·1	9·5	82	81	24	6	20	4	9	6	0·8	0·1	79	o.
26	1018·9	1017·9	82·0	79·1	85	79	0·6	0·3	10·5	9·1	93	96	20	1	Calm	0	7	10●	2·5	0·2	80	●0 3 h.–7 h. c. ●2 showers p.
27	1024·0	1025·4	77·4	73·8	82	74	0·0	0·4	8·5	6·1	99	91	Calm	0	Calm	0	8	6	—	1·1	72	c. ⌒2.
28	1019·3	1019·3	82·4	82·8	85	n 72	1·2	1·0	10·2	10·5	86	88	20	4	20	1	8	7	0·2	1·1	n 71	c. ●0 p.
29	1019·3	1019·3	82·6	82·4	84	79	2·0	1·7	9·1	9·1	75	78	12	3	12	4	9	8	0·8	—	79	c. ●2 showers.
30	1027·4	1030·1	78·4	82·4	84	75	0·3	0·5	8·5	10·5	95	88	Calm	0	20	2	7	8	—	—	72	c.
31	1031·5	1030·8	82·4	81·2	84	x 81	2·1	1·0	8·8	9·5	75	86	20	2	Calm	0	9	7	—	—	81	c.
Mean	1017·1	1018·4	80·7	80·8	83·9	77·7	1·1	1·1	9·1	9·1	86	85	2·9		3·5		6·7	6·4	48·2	1·42	76·7	
Mean Pressure at Station Level.	1011·1	1012·4																				

x denotes the maximum and n the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
March 9th, 1916.

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1916.

DEERNESS, ORKNEY, a.b.c.—FEBRUARY 1916.

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 = 0·30 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Depression 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.		%	%	Dir. m/s.	Dir. m/s.	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1021·7	1012·2	79·7	79·7	x 81	x 79	0·7	0·8	8·8	8·7	90	89	16 8	16 12	8	10	2·0	—		Dull, but fair. ●0 showers n.
2	1005·4	1003·0	77·8	76·3	80	76	0·6	1·2	7·9	6·3	92	81	24 6	18 5	8	1	—	3·2		Fine all day.
3	987·1	973·9	78·0	77·2	80	76	0·9	1·2	7·5	6·8	87	82	14 16	14 15	10	10	—	—		Dull. ↙ 15 h.
4	974·2	980·3	78·3	79·7	80	77	1·1	0·8	7·5	8·7	85	88	16 9	18 4	7	3	—	—		↙ 1 h.–5 h. Fair. ⅄
5	991·2	988·5	77·8	78·0	80	78	1·4	1·2	6·9	7·1	81	83	18 11	16 14	3	10●	1·3	4·7		Fair a.; ●0 later.
6	986·4	983·4	76·7	76·7	80	76	1·2	0·4	6·5	7·4	82	94	20 10	20 13	2	10●	3·3	2·9		Bright a. ● after 20 h.
7	987·1	988·8	75·6	74·5	77	74	0·5	0·6	6·7	6·1	92	90	20 11	20 12	10●0	5●0	x 14·2	0·3		●2 showers after 8 h. ▲ p.
8	986·8	981·0	73·3	75·1	n 76	n 73	0·6	0·2	5·5	6·9	88	97	20 9	20 8	10✻	10	9·4	1·6		✻ showers all day. ⊠ 50 mm.
9	985·4	999·6	75·4	76·7	77	75	0·7	1·1	6·5	6·6	90	84	24 4	28 9	9●	7	1·8	0·5		✻● (sleet) showers a. ●0 after
10	1006·4	1001·7	75·1	76·7	78	75	0·5	1·1	6·6	6·6	93	84	— 1	16 6	3	5	4·1	3·5		Fine. ⊕⊞. ●n. [17 h.
11	995·2	1004·7	76·1	75·3	79	75	0·2	0·9	7·3	6·2	97	86	24 4	22 4	10●	0	1·3	4·8		● 8 h.–10 h.; fine later.
12	1005·4	991·5	77·2	78·9	80	74	1·1	1·1	7·0	7·9	85	86	16 11	20 11	10	1	4·8	—		Dull. ●▲ showers n.
13	996·6	1002·4	76·7	75·2	80	74	1·2	0·7	6·6	6·4	84	89	18 10	20 8	3	1	—	3·4		●▲ showers a. ⅂ 18 h.
14	986·8	982·4	76·7	74·7	77	74	0·9	0·3	6·9	6·6	87	95	16 13	22 16	8	10✻	4·1	0·5		✻▲ showers after 18 h. ↙ 23 h.
15	985·4	979·3	74·4	74·9	n 76	74	0·4	0·4	6·3	6·5	93	93	22 5	24 9	5	4	9·9	0·5		✻▲ a. ✻2 10 h.–15 h., then
16	968·1	979·0	75·1	74·6	n 76	74	1·2	0·7	5·8	6·1	81	89	32 12	28 7	9	5	1·5	3·4		✻▲ showers p. [✻0. ⊠ 50 mm.
17	986·8	994·6	76·1	75·6	78	75	1·2	0·6	6·2	6·6	81	91	26 9	26 9	5	7	3·3	2·1		▲ showers a. ●0 p.
18	997·6	997·9	75·6	75·4	79	74	1·1	1·0	6·1	6·2	83	84	— 1	6 5	5	3	—	0·4		Dull, but fair.
19	1010·5	1016·6	74·7	75·0	78	74	0·3	0·9	6·6	6·1	95	85	28 2	18 2	3	0	1·5	8·3		Very fine and bright.
20	1017·6	1018·6	75·6	76·3	79	75	0·6	0·8	6·6	6·8	91	88	22 2	24 3	6●0	7	3·0	4·5		●0 showers all day.
21	1023·3	1025·7	76·3	74·2	77	74	1·3	0·8	6·3	5·6	81	84	28 11	28 9	6	10✻	—	0·6		✻▲ showers after 15 h.
22	1027·4	1033·2	75·4	75·7	77	74	1·6	1·2	5·5	6·1	77	83	32 10	2 7	4	5	—	4·7		Bright and fine.
23	1035·5	1035·5	77·6	74·4	79	75	1·4	1·1	6·8	5·4	81	80	2 6	— 1	6	1	—	4·9		Very fine all day. ⅄
24	1029·8	1023·3	75·8	77·4	78	74	1·2	0·2	6·1	8·1	81	98	2 6	4 6	10	10●0	1·5	1·2		Fair. d. after 18 h.
25	1021·7	1021·7	76·6	75·2	79	75	1·2	1·2	6·4	5·9	83	83	8 2	— 1	3	1	—	8·5		Very fine all day. [18 h. △
26	1018·6	1014·2	75·7	75·0	77	75	1·1	1·2	6·2	5·7	84	80	4 2	8 5	9	0	1·8	—		Very fine a. Sleet showers 17 h.–
27	1012·2	1008·8	76·2	77·2	77	75	1·8	1·3	5·7	6·6	74	81	8 6	10 8	10	5	1·3	0·2		✻● showers till 19 h.
28	1011·8	1008·4	76·2	75·2	77	75	1·2	0·8	6·3	6·3	82	87	8 5	6 5	10	10	2·0	—		Dull all day. ● 16 h.–19 h.
29	1008·8	1007·1	76·9	75·6	79	75	1·5	0·6	6·3	6·7	79	91	6 7	4 3	3	10	1·3	8·5		Bright and fine.
Mean	1002·4	1002·0	76·3	76·1	78·3	75·0	1·0	0·8	6·6	6·7	85	87	7·2	7·5	6·7	5·6	73·4	2·52		
Mean Pressure at Station Level.	996·2	995·9																		

ABERDEEN, a.c.e.—FEBRUARY 1916.

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 = 0·61 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

Day.																				
1	1026·3	1018·5	78·9	79·0	81	x 77	0·8	1·0	8·1	8·0	88	86	18 3	14 5	2∞	4	0·2	2·0		⌓∞0 a. Fair to fine. ∞0 p.
2	1008·0	1005·9	78·5	74·4	80	74	0·6	1·1	8·2	5·4	91	80	18 3	— 1	10≡0●	0	1·2	1·1		≡0 ● a. Dull. Fair to fine.
3	997·1	978·0	78·5	80·0	80	74	0·4	1·1	8·5	8·5	94	85	14 6	14 5	10≡0●	10	1·3	—		Dull, with ∞0. q. ●0 showers.
4	974·2	983·7	78·3	76·7	80	76	1·6	1·3	6·9	6·5	78	81	16 6	18 3	9≡0	0	—	0·1		≡0 a. and p. Dull to cloudy.
5	991·2	988·5	75·8	78·3	80	75	1·2	1·9	6·0	6·6	81	74	24 2	16 6	1	10●	0·2	5·7		◡ a. Fine a. and p. ●0✻0 q. n.
6	992·8	991·0	79·5	76·2	x 82	76	3·1	1·7	6·0	5·7	n 62	75	20 6	20 9	8	1	0·8	3·6		Dull and q. a. Fine, but q. p.
7	992·7	995·2	75·4	74·7	78	74	1·6	1·4	5·4	5·3	75	77	20 6	20 6	5	1	—	4·3		✻0 showers early. Fair, but q.
8	992·9	985·6	73·7	74·9	n 76	73	0·9	1·5	5·3	5·3	83	76	20 6	18 5	1	7	—	5·3		Fair to fine.
9	989·4	1000·6	75·3	75·6	79	75	1·4	0·9	5·6	6·2	78	85	20 2	26 7	2	1	0·7	3·3		∞0 a. Fair to fine, then ●0 q.
10	1008·6	1003·7	75·3	75·2	78	75	1·5	1·6	5·4	5·4	76	75	26 3	18 2	1	6	1·1	4·9		Fair to fine, then c. to dull. ⊕. [⊞ n.
11	998·1	1007·1	75·7	75·0	78	74	0·5	1·3	6·8	5·6	91	79	20 2	26 4	10≡0●	0	0·1	—		≡0●0 a. Dull. ⊕ p.
12	1011·6	998·8	74·5	80·9	81	73	1·3	1·4	5·4	8·6	79	81	18 3	18 8	8∞	7	—	—		∞0 ◡ a. Dull p.
13	1005·3	1007·9	74·8	75·0	79	75	0·8	1·1	5·9	5·8	86	82	— 1	18 5	0∞	0	0·4	7·0		Fine and bright.
14	991·2	991·8	76·9	74·1	77	74	0·8	1·3	7·1	5·0	88	77	16 6	22 7	8	0	0·7	1·7		●0 a. Dull to fair.
15	989·1	984·1	74·6	74·8	78	73	1·7	1·1	5·0	5·7	73	82	24 5	18 5	4	1	x 11·1	6·3		✻0 a. Fair to fine.
16	964·0	980·6	73·8	74·7	n 76	73	0·4	1·7	5·9	5·0	92	73	30 4	26 10	10✻	2	1·3	2·1		● early. ✻ 7 h.–11 h. q. Fair p.
17	990·5	998·4	76·1	75·2	78	74	1·9	1·4	5·4	5·6	72	78	24 8	24 8	4	1	—	7·0		Fair. q. ✻0 midday.
18	999·3	995·9	75·2	75·5	77	74	1·8	0·6	5·2	6·6	72	90	20 2	8 6	9	10●	9·3	—		∞0 a. Dull. ●✻0 p.
19	1009·8	1019·5	73·9	72·7	77	71	0·5	0·9	5·9	4·8	90	80	28 3	— 1	5	0	—	7·4		Fine.
20	1020·9	1022·3	72·3	74·4	79	n 69	1·0	1·4	4·3	5·1	74	76	— 1	26 2	8	1	—	2·5		◡ a. Fine to c.
21	1024·5	1026·8	75·0	74·0	78	74	0·9	0·7	6·0	5·7	85	87	28 4	28 5	7	8✻	1·3	4·4		c. to fair. ✻0 showers n.
22	1026·2	1031·4	74·5	75·7	78	74	2·0	0·7	4·7	6·5	69	88	30 3	30 5	4	8	0·7	6·1		Fair to c. ✻0 ●0 showers.
23	1033·4	1035·1	75·9	75·1	77	75	1·0	1·8	6·3	5·1	84	72	32 3	6 5	7●	10	0·9	2·1		●0 ▲0 showers a. c. to dull.
24	1028·6	1021·2	75·2	76·4	78	74	1·6	0·3	5·4	7·4	75	95	32 3	4 5	7	8	1·5	1·4		c. ●0/△0 showers p.
25	1019·9	1019·6	76·9	76·7	78	76	1·4	2·7	6·4	5·1	79	64	8 6	6 8	9	5	—	1·4		●0/△0 showers early a. c.
26	1017·1	1011·7	76·2	75·9	77	74	2·7	2·7	4·9	4·8	63	63	6 6

FORT WILLIAM, INVERNESS-SHIRE, a.c.—FEBRUARY 1916.

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 = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Depression 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.		%	%	Dir. (0–12)	Dir. (0–12)	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1023·7	1013·9	80·9	81·3	x 83	x 80	1·3	2·1	8·8	8·1	84	75	20 4	20 5	10	10	12·2			Dull.
2	1008·4	1004·7	77·4	76·9	81	75	1·1	1·1	7·0	6·7	84	84	20 1	20 2	7	10	1·3			Alternate sunshine and showers.
3	984·7	970·5	78·7	80·2	82	76	1·4	0·4	7·4	9·6	82	94	20 4	Calm 0	10●	10●	x 43·9			Dull, with ● all day.
4	974·2	983·7	76·3	76·6	81	75	1·1	0·8	6·5	6·9	84	87	20 3	24 3	7●0	4	16·3			●▲. Snowing on hills.
5	996·3	992·2	75·8	78·7	79	75	0·6	0·7	6·8	8·2	91	90	24 3	20 5	9●0	10●	27·4			q. and ●0 n.
6	991·9	993·5	76·9	77·0	81	76	1·1	1·3	6·7	6·6	84	81	20 4	24 4	10●	10▲R	11·9			●▲. R.
7	994·6	996·6	76·9	75·2	78	74	2·1	1·5	5·6	5·5	71	76	20 4	20 4	9	4	5·1			●▲. < evening. ⊠
8	993·2	989·1	75·1	75·3	77	74	1·6	0·7	5·4	6·4	75	89	20 4	20 3	10	10✻	28·7			●✻ and sleet. ⊠
9	992·9	1006·1	75·8	75·2	79	74	0·6	0·6	6·8	6·5	91	91	20 1	20 2	9●0	10✻	4·1			Showers of ● and sleet.
10	1010·1	1000·7	74·1	76·3	77	73	1·1	1·0	5·3	6·5	79	85	20 1	24 1	3	10●0	0·8			Fair generally. ●0 n.
11	999·0	1009·1	76·3	74·7	79	74	1·1	0·6	6·4	6·2	83	90	20 1	20 2	10	6	1·0			Fine, clear, and sunny.
12	1009·1	1000·3	78·1	79·7	81	74	0·8	1·7	7·7	7·5	89	77	20 4	20 3	10●0	10●	29·0			Dull. ● all day.
13	1005·7	1006·8	75·8	75·2	80	75	1·0	0·6	6·3	6·5	85	91	20 3	20 3	8●0	7●0	12·4			Showery, with sunny intervals.
14	991·9	993·9	75·9	75·2	77	74	1·2	1·7	6·1	5·4	81	74	20 3	20 4	10●0	10	25·1			●▲✻. ⊠ 25 mm. 21 h.
15	991·2	984·1	74·1	75·3	77	73	1·1	0·7	5·3	6·4	79	89	20 4	20 2	7	10●	19·3			⊠ 75 mm. ●. sleet, and ✻.
16	973·2	985·4	73·0	73·9	77	73	0·6	0·6	5·3	5·8	87	88	4 3	24 3	10✻	10✻	4·3			⊠ 100 mm. ✻ showers during day.
17	995·2	1002·7	76·2	76·3	79	74	1·3	1·7	6·2	5·9	80	75	24 3	20 1	10✻	2	9·4			⊠ 75 mm. ●▲✻ showers.
18	997·3	994·2	73·6	74·7	77	73	0·3	0·6	6·0	6·2	93	90	Calm 0	Calm 0	10✻	10	12·2			⊠ 75 mm. ●▲✻ showers.
19	1010·8	1010·6	74·9	70·2	79	70	1·1	1·0	5·9	3·1	83	64	8 2	Calm 0	6	0	—			⊠. Fine, crisp, and sunny.
20	1022·0	1023·7	70·1	74·1	77	n 68	0·9	0·6	3·3	6·0	67	89	Calm 0	Calm 0	9	6	0·3			⊠. Sharp frost early: thaw [10 h.
21	1026·4	1029·4	73·3	72·9	78	72	0·3	1·6	5·9	4·1	93	66	8 2	Calm 0	10●0	2	—			⊠. Fine and sunny.
22	1028·8	1033·5	73·8	73·5	77	73	0·8	1·7	5·5	4·3	85	68	4 2	32 2	10✻	0	—			⊠. ✻ 9 h. Fine generally.
23	1034·5	1033·8	74·8	71·3	77	71	1·8	1·6	4·9	3·0	70	56	Calm 0	Calm 0	9	0	—			⊠. Fine, crisp, and sunny.
24	1029·1	1021·0	71·9	75·2	n 76	69	0·9	0·6	4·3	6·5	75	91	4 2	4 2	2	10	—			⊠. Fair to fine.
25	1018·6	1018·6	73·8	75·5	77	73	1·3	1·7	4·8	5·5	75	75	Calm 0	4 2	5	10	—			⊠. Fair to fine.
26	1016·2	1011·8	74·1	72·4	n 76	72	1·7	1·7	4·7	3·6	71	62	4 3	4 2	1	0	—			⊠. Fair to fine.
27	1004·0	1004·4	73·7	75·7	n 76	71	0·7	1·6	5·5	5·6	86	76	4 3	4 1	10✻	8	0·3			⊠. Dull, with ✻0 showers.
28	1007·1	1005·7	76·3	74·7	77	74	2·2	0·7	5·3	6·1	68	88	4 3	4 3	9●	10✻	0·3			⊠. Dull, with ✻0 showers.
29	1005·4	1003·7	75·2	75·6	78	74	1·7	1·7	5·4	5·5	74	75	4 2	4 4	8	4	—			⊠. Dull.
Mean	1004·7	1004·6	75·3	75·5	78·4	73·4	1·1	1·1	5·9	6·0	81	81	2·4	2·2	8·2	7·0	265·3			
Mean Pressure at Station Level.	1003·3	1003·1																		

DOUGLAS, ISLE OF MAN, a.—FEBRUARY 1916.

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 = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time.

1	1029·1	1020·3	80·8	80·1	81	x 80	0·6	1·0	9·8	8·8	93	86	18 2	18 4	10	10	4·6	—	80	o. ● 11 h.
2	1011·5	1008·1	79·3	77·2	81	76	0·7	0·9	8·5	7·1	90	88	26 4	18 1	10	2	0·8	4·0	78	c.morning. Very fine afternoon.
3	991·9	974·6	80·2	80·8	82	76	0·8	0·9	8·8	9·5	89	90	18 6	16 6	10●	10	3·3	—	72	o. q. Continuous ● 8 h.–13 h.
4	978·0	989·1	76·9	76·9	81	76	1·1	0·8	6·8	7·1	84	88	28 1	24 1	10	2	—	2·1	75	o., then fine. ▲ 20 h. 30 m.
5	1002·0	1004·0	77·3	80·8	81	76	1·0	0·6	7·1	9·8	86	93	26 2	18 6	0	10●	7·1	7·4	72	⌣ early. Very fine.
6	1001·3	1005·4	79·1	77·9	82	76	0·8	1·0	8·5	7·4	88	86	20 5	24 5	10	4	2·0	2·4	76	q. o., then c. ●▲ 18 h.
7	1005·7	1007·4	76·9	76·2	79	75	1·1	1·4	6·8	6·1	84	79	24 6	24 5	4	2	0·5	6·0	74	c. q. ●▲✻ p.
8	1004·4	999·3	75·8	74·7	n 77	75	1·1	1·0	6·1	5·8	83	82	24 6	24 4	4	0	0·5	5·3	74	●▲ showers a. q. ▲ p.
9	997·9	1007·8	75·8	77·4	80	74	1·0	0·7	6·4	7·4	85	90	24 2	28 6	8	3	1·0	3·4	72	⌣∼ a. ▲ showers. q.
10	1012·5	1004·4	76·3	77·4	79	76	0·5	0·0	7·1	8·5	91	100	14 2	14 3	8	10●	x 15·8	—	73	⌣ early. Dull. ● from 11 h.
11	999·6	1011·2	76·9	76·9	80	76	0·6	0·7	7·4	7·1	92	90	2 2	28 3	10●	6	0·5	3·8	76	Dull a. c. Bright intervals.
12	1016·9	1009·8	78·6	81·3	81	75	0·9	0·5	8·1	10·2	89	93	20 2	20 7	8	10●	4·1	—	71	⌣∼ early. Dull. ● 13 h.
13	1014·2	1012·5	78·0	78·0	81	77	1·1	1·1	7·4	7·4	84	84	24 4	22 2	8	8	1·3	0·8	76	Dull and c.
14	999·0	1004·0	78·0	75·8	80	n 72	1·0	1·2	7·4	6·1	86	81	22 5	22 5	8	7	4·3	2·2	74	Dull and q. ✻▲ showers.
15	998·6	985·4	76·9	82·4	83	76	1·5	0·3	6·4	11·2	79	95	24 4	24 6	8	10	8·1	2·2	72	▲ a. c. q. ● after 15 h. ✻▲
16	980·3	991·5	76·9	76·3	83	75	2·8	1·0	5·1	6·4	n 63	85	24 10	24 10	8	8	1·8	—	75	↗ (hurricane at times). [showers.
17	1002·0	1007·4	77·4	76·9	80	75	1·1	1·1	6·8	8·4	84	86	26 8	26 2	8	7	5·8	6·8	73	✻▲⌣. ↗.
18	1000·0	993·9	76·3	81·3	x 84	76	0·0	1·1	7·8	9·5	100	86	14 3	30 10	10●	6	6·9	0·5	74	Continuous ● till 11 h.
19	1010·5	1020·0	77·6	75·2	81	74	0·7	0·8	10·4	6·1	90	87	32 2	4 1	10	3	—	3·8	76	▲ early. o. Fine afternoon.
20	1021·3	1023·3	76·9	75·2	79	74	0·6	0·5	7·4	6·4	92	91	10 3	6 1	10	3	—	0·3	71	⌣ a. o. ⌣ p.
21	1024·7	1028·4	76·3	74·9	79	73	1·1	1·3	6·4	5·4	83	77	Calm 0	2 1	10	0⌣	—	4·6	n 70	⌣∼ a. c. to fine.
22	1026·7	1029·1	75·2	74·7	78	73	1·2	0·9	5·8	5·8	80	85	30 2	2 3	0	0∼	—	9·2	n 70	⌣∼ a. Very fine.
23	1029·4	1025·4	75·8	74·9	79	74	1·1	1·3	6·1	5·4	83	77	4 3	6 6	7	0⌣	—	8·2	71	⌣∼ a. Fine, but q.
24	1022·0	1014·5	75·2	74·7	79	75	1·6	1·1	5·4	5·4	74	80	6 6	4 4	7	0∼	—	7·5	72	Fine, but q. ∼ p.
25	1012·8	1013·9	75·4	74·9	n 77	74	1·8	1·2	5·4	5·4	72	79	6 4	6 4	10	8∼	—	0·4	72	∼ a. q. o.
26	1010·8	1006·4	74·7	74·1	n 77	74	0·9	0·5	5·8	6·1	85	89	8 4	6 4	8✻	4∼	—	3·0	72	✻ a. c., with ✻ showers.
27	1000·0	999·3	75·2	75·8	n 77	74	0·5	0·5	6·4	6·8	91	93	4 2	4 3	8✻	0∼	3·1	3·2	71	✻∼ a. c., with ✻ showers.
28	1001·0	1001·3	76·3	74·9	n 77	75	0·5	0·5	7·1	6·4	91	92	4 2	4 3	10	3∼	—	2·0	72	✻∼ a. c., with ✻. q.
29	997·3	996·6	75·2	75·8	n 77	74	0·5	1·0	6·4	6·4	91	85	4 4	8 2	10✻	10	11·7	—	72	✻⌣a.q., with ✻ 9 h.–13 h.
Mean	1006·9	1006·7	76·9	77·0	79·8	75·0	1·0	0·9	7·0	7·2	86	87	3·7	4·1	8·0	5·0	83·2	3·07	73·3	
Mean Pressure at Station Level.	996·4	996·0																		

x denotes the maximum and n the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

SHREWSBURY, SHROPSHIRE.—FEBRUARY 1916.

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 = 0·30 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Air Pressure at Mean Sea Level. 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Depression 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.		%	%	Dir. (0–12)	Dir. (0–12)	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1030·5	1024·7	77·7	78·1	81	77	0·4	0·7	8·1	7·8	95	91	12 2	16 4	5	10	—		75	Fine.
2	1015·9	1010·8	78·2	79·1	81	76	0·6	0·2	8·1	9·1	91	97	16 4	20 3	10●	10●	1·1		72	● at intervals all day.
3	999·0	981·4	79·7	81·0	82	x 79	1·4	0·8	8·1	9·5	81	90	12 2	20 7	5	10●	x 12·7		75	c., with ● showers. [Fine n.
4	979·0	990·8	76·3	74·8	81	74	0·3	0·1	7·4	6·8	95	98	18 2	32 2	10●	0	9·0		74	● a. ✻ 9 h.–11 h. ● to 13 h.
5	1003·4	1011·2	75·2	78·4	82	74	0·3	1·2	6·8	7·4	95	84	20 2	14 3	0	10	—		70	⌣ a. Fine.
6	1004·4	1010·8	84·6	76·0	x 85	76	1·7	1·1	10·8	6·8	80	84	16 7	18 2	5	0	6·0		75	Fine a. ● showers from 10 h.
7	1010·1	1011·5	77·2	75·8	81	75	1·9	1·1	6·1	6·1	73	83	24 6	24 4	0	3	—		72	Fine, with cold winds.
8	1005·7	1002·4	75·8	73·4	80	73	1·1	0·6	6·1	5·4	83	86	18 2	24 3	5●✻	3	—		70	⌣ a. ✻● (sleet) o h., then fine.
9	998·3	1007·8	73·0	77·4	79	71	0·4	1·6	5·4	6·4	89	76	24 2	24 4	5	0	0·5		n 67	⌣ a. ✻ 9 h.–11 h. Fine cold n.
10	1013·2	1007·4	76·0	76·4	80	74	1·1	0·6	6·4	7·1	83	90	22 2	Calm 0	7	10●	10·5		70	⌣ a. Fine a. ● from 18 h.
11	997·3	1008·4	74·8	77·8	79	74	0·1	1·4	6·8	7·1	98	82	16 3	32 4	10●	5	2·4		72	✻● (sleet) early. ● 9 h. Fine
12	1020·3	1016·6	75·3	80·4	82	74	0·9	1·0	6·1	8·8	86	87	18 2	16 4	5	7	1·9		69	⌣ a. Fine. ● showers n. [15 h.
13	1017·9	1015·9	79·8	80·8	84	77	1·7	1·0	7·8	9·1	77	87	24 3	Calm 0	7	10●	2·6		74	Fine a. ● from 20 h. 45 m.
14	1004·4	1010·8	80·8	75·2	82	75	1·2	1·4	8·8	5·8	85	77	22 8	24 3	5●	7	4·2		73	◠ a. ◠ 8 h. ▲ 10 h. ✻ n.
15	1001·3	993·5	75·4	83·0	84	73	0·2	0·7	7·1	11·2	96	92	22 2	24 8	7	10●	10·9		71	⊠ a. Fine. ● from 14 h. 30 m.
16	988·1	995·2	78·6	75·8	84	75	1·8	0·8	6·8	6·4	77	88	24 8	24 6	10●	7	1·5		76	↗●✻● (sleet) a. ● showers.
17	1003·4	1009·1	78·0	76·3	81	75	1·9	1·1	6·4	6·4	74	83	20 4	24 3	5	5	3·3		72	Fine.
18	1002·7	997·3	76·4	83·1	x 85	75	1·2	1·7	6·4	9·8	82	80	16 3	16 4	10●	10●	1·8		71	● showers all day.
19	1006·1	1019·6	81·0	74·6	84	74	1·9	0·3	8·1	6·4	77	96	24 6	Calm 0	7	7	—		75	Fine and milder.
20	1021·7	1022·0	73·8	75·8	78	71	0·2	1·1	6·1	6·1	96	83	2 3	8 2	10	10	—		69	Fine.
21	1023·0	1025·4	73·6	74·8	80	72	0·6	0·7	5·8	6·1	89	88	32 2	32 2	7	7	—		69	Fine.
22	1024·4	1025·4	74·8	74·1	80	72	1·8	1·1	5·1	5·4	n 71	79	32 4	32 3	5	7	—		69	⌣ a. ✻ 16 h. Fine n.
23	1025·4	1020·3	74·2	74·0	79	72	1·1	0·6	5·4	5·8	80	89	32 3	32 4	3	10✻	—		69	⌣ a. ✻
24	1015·6	1010·5	74·7	73·2	80	73	1·7	0·2	5·1	6·1	72	96	4 6	8 3	7	10✻	2·6		70	⊠ a. ✻ 14 h.
25	1010·1	1008·8	71·9	74·1	80	n 70	0·1	0·5	5·4	6·1	97	89	Calm 0	32 2	10✻	10✻	2·1		71	⊠ a. ✻ most of day.
26	1004·7	1002·4	73·2	73·8	76	73	0·5	0·6	5·4	5·8	88	89	32 2	Calm 0	10✻	10	0·9		71	✻ early till 16 h. 30 m.
27	998·3	996·9	74·1	74·1	77	72	1·1	0·1	5·1	6·4	79	98	32 3	32 2	7	10	1·1		70	⌣ a. ●, ✻● (sleet) showers.
28	1000·7	998·3	71·0	74·1	n 75	71	0·1	0·8	5·4	5·8	97	85	Calm 0	32 2	10≡	10	6·1		69	⌣ a. ≡. Dull.
29	991·2	994·2	73·8	73·6	76	73	0·1	0·2	6·4	6·1	98	97	30 2	Calm 0	10	10	5·6		71	⊠. Dull a. Fine. ✻. ● n.
Mean	1007·4	1007·9	76·2	76·6	80·6	73·8	0·9	0·8	6·6	7·0	86	88	3·3	2·9	6·8	7·5	86·8		71·4	
Mean Pressure at Station Level.	999·5	999·8																		

CAMBRIDGE, a.—FEBRUARY 1916.

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 = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local mean time.

1	1031·9	1029·4	76·9	74·6	78	75	0·0	0·5	8·1	6·4	100	92	12 1	12 3	10≡	10⌣	—	—	73	≡ early. o. Dull n. ⌣
2	1019·3	1014·7	75·1	79·1	80	71	0·4	0·8	6·8	8·5	93	89	20 2	16 3	10⌣	7	—	0·3	70	⌣ early. Dull.
3	1004·6	990·4	81·1	81·1	83	76	0·6	1·4	9·8	8·8	93	82	16 5	18 9	10●0	10●0	3·3	—	74	o., with ●0 showers. ↗
4	981·8	992·3	81·1	79·9	84	x 77	1·2	0·4	9·1	9·5	86	95	16 5	Calm 0	9●	0	2·0	4·8	79	● early. Sunny 10 h. 30 m.–16 h.
5	1002·8	1015·3	77·4	75·8	83	76	0·2	0·6	8·1	6·8	96	91	24 3	18 1	10●0	0	0·3	5·1	73	● early. Sunny 11 h.–16h. [●n.
6	1010·2	1012·9	84·1	79·1	84	75	1·4	1·2	10·8	7·8	83	83	20 5	20 2	10	0	2·3	0·3	72	o. most of day. ● mid-day.
8	1010·8	1013·0	79·1	75·6	81	75	1·4	0·7	7·8	6·8	83	91	20 5	24 4	5	0⌣	—	6·9	72	Beautiful day. [⌣ n.
9	1009·0	1002·7	75·3	73·0	79	73	0·6	0·1	6·4	6·1	89	97	20 3	Calm 0	4⌣	0⌣	—	1·9	71	⌣ early. Fine. ⌣ 18 h. 30 m.
10	999·8	1005·0	72·5	74·2	79	n 70	0·7	0·5	5·1	6·1	83	89	22 2	26 2	0⌣	8⌣	—	6·7	69	⌣ early. Fine. ⌣ n.
11	1011·2	1009·6	75·7	75·2	78	73	1·0	0·5	6·1	6·4	84	91	28 2	20 1	1⌣	10⌣	0·8	6·8	69	Sunny 8 h.–15 h., then o.
12	996·8	1003·3	76·9	75·5	77	75	0·2	0·3	7·8	7·1	97	95	12 3	32 6	10●	10●0	6·6	—	72	● most of day.
13	1018·4	1020·5	75·2	76·8	82	75	0·8	1·0	6·1	6·8	87	85	30 3	20 1	1	6	0·5	6·9	72	Sunny till 15 h.
14	1019·0	1018·3	82·4	79·3	x 85	76	2·1	0·7	8·8	8·5	n 75	90	24 4	24 1	4	10●0	8·4	6·1	71	Fine till 15 h., then o.
15	1009·3	1012·2	79·1	73·6	82	74	0·4	0·0	8·8	6·4	94	99	20 5	28 4	7	5	11·9	3·9	74	Fine a. o. 10 h.–noon. ▲ 15 h.
16	1002·1	995·6	73·6	81·4	82	73	0·0	0·1	6·4	10·8	100	99	20 2	22 6	10⊠	10●0	4·1	4·6	70	✻ n. Fine till 15 h., then dull.
17	986·9	995·6	81·2	75·8	x 85	76	1·1	1·4	9·1	5·8	86	79	24 6	24 8	9▲●	0	3·6	4·1	72	▲●2 a. ↗ mid-day. Sunny
18	1001·5	1008·4	76·8	75·3	82	75	1·5	0·7	6·4	6·4	80	88	24 6	24 1	3	0	0·5	6·7	72	● n. Fine. ⌓ p. [11 h.–16 h.
19	1006·2	996·4	75·3	83·2	84	74	0·1	1·0	7·1	10·8	99	88	16 2	24 5	10●0	10	2·8	—	71	● most of day. Mild n.
20	1003·8	1019·9	80·0	75·2	84	75	1·2	0·3	8·5	6·8	84	96	26 3	Calm 0	10	0	—	—	73	o.
	1023·2	1023·0	72·2	74·0	80	n 70	0·1	0·4	5·4	6·1	96	91	Calm 0	Calm 0	10≡⌣	3⌣≡	—	1·4	n 68	≡2 early. c.
21	1022·4	1023·0	74·6	74·2	78	72	1·0	0·6	5·8	5·8	82	87	4 2	32 2	10⌣	7⌣	—	—	69	⌣ early. o. ≡ 16 h. Fine n.
22	1020·4	1020·2	74·6	74·0	76	73	1·1	0·4	5·4	6·1	81	92	32 5	32 3	9	6	2·5	—	70	o., with ✻△ showers.
23	1020·7	1016·5	74·0	72·6	75	72	0·3	0·0	6·1	6·1	93	100	32 4	32 5	10⊠✻	10⊠✻	x 15·2	—	71	✻ n. o. ✻ p. [✻ n.
24	1010·7	1009·5	73·1	72·0	75	72	0·0	0·0	6·1	5·8	100	100	4 5	4 2	10⊠✻	10⊠✻	3·0	2·4	72	✻2 n. and a. Sunny intervals.
25	1008·9	1004·4	71·3	74·3	n 74	71	0·2	0·0	5·1	6·8	91	100	4 2	4 5	9⊠	10⊠✻0	3·6	—	71	o., with ✻0. ✻●0 n.
26	1001·0	1000·9	73·3	73·9	75	73	0·0	0·9	6·4	5·4	100	82	4 5	4 3	10⊠✻	10⊠	2·8	0·2	72	✻ n. and a. c.
27	994·3	995·2	74·1	73·3	76	73	0·0	0·0	6·8	6·4	100	100	4 3	28 1	10⊠✻	10⊠✻	7·1	0·1	71	✻ early.

ARMAGH, a.c.d.—FEBRUARY 1916.

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 = 0·30 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Air Pressure at Mean Sea Level. 9 h.	21 h.	Air Temperature in Degrees Absolute. 9 h.	21 h.	Max.	Min.	Humidity. Depression 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.				%	%	Dir.	m/s.	Dir.	m/s.	Tenths of Sky covered.		mm.	hr.	°	
1	1026·1	1015·9	80·3	80·8	° 82	x° 79	°·9	°·7	9·0	9·6	88	91	18	4	16	7	10	10	3·5	0·8	78	c.
2	1012·5	1005·4	77·8	76·1	81	76	0·5	1·3	7·9	6·2	93	80	—	1	18	4	5	10	3·9	6·6	74	Very fine.
3	983·4	967·5	79·9	80·3	82	76	0·7	0·8	8·9	9·0	90	89	16	10	16	8	10●	10●	x 11·4	—	75	o.
4	977·3	987·8	74·8	74·4	81	74	0·7	0·6	6·1	6·0	88	88	18	2	20	2	5	0	—	6·7	72	Fine.
5	1001·3	997·3	74·7	81·2	81	73	0·8	0·5	6·0	10·2	85	94	20	3	18	9	0	10●	3·9	6·0	72	⌣. Fine. ● 20 h.
6	999·6	1003·4	77·9	75·7	x 84	75	1·2	0·7	7·2	6·5	84	89	20	4	20	5	3	10	2·7	3·4	76	Fine.
7	1006·4	1006·1	74·1	73·9	77	74	0·4	0·6	6·1	5·7	92	87	20	6	20	7	4	3	3·1	3·7	73	✳ 8 h. ● shower.
8	1001·0	998·6	73·1	71·8	n 75	72	0·2	0·4	6·0	4·9	96	88	20	5	20	5	10	0	7·0	1·7	72	⊠. ✳● showers.
9	999·6	1011·5	73·6	74·6	80	71	0·7	0·4	5·5	6·4	87	93	22	2	24	2	10	5	1·7	4·5	71	Fine.
10	1012·5	1002·0	74·8	77·0	77	72	0·6	0·3	6·2	7·8	89	96	20	2	18	2	10	10	1·4	—	70	o.
11	1002·7	1013·5	75·1	73·6	80	74	0·6	0·7	6·5	5·5	91	87	—	1	—	1	8	0	—	5·5	71	Very fine.
12	1014·2	1009·1	76·4	79·7	82	73	0·1	1·1	7·6	8·2	98	83	18	5	22	4	10	5	1·3	—	71	o.
13	1014·5	1010·1	77·1	74·9	80	75	1·5	0·5	6·4	6·4	79	92	20	3	18	3	0	7	2·3	2·2	74	c.
14	1000·7	1001·3	72·8	73·9	78	73	0·0	0·7	6·1	5·7	100	87	20	4	20	6	10	10	8·6	1·5	73	✳ shower a. c.
15	998·6	983·7	74·4	82·6	83	71	0·3	0·3	6·3	11·4	94	97	20	5	20	6	10	10	8·1	0·9	72	o.
16	984·4	992·9	75·0	74·9	83	72	0·6	0·5	6·4	6·4	91	92	22	6	22	4	5	10	6·3	2·4	73	✳° shower a. c. ✳ shower.
17	1004·4	1007·8	75·8	75·6	80	75	0·9	0·8	6·4	6·4	86	87	22	3	22	3	5	8	4·5	5·2	72	o. [15 h. 30 m.
18	996·3	997·6	81·7	80·7	x 84	75	0·3	1·0	10·8	9·1	97	88	20	5	24	3	10●	10	1·0	1·2	74	c.
19	1012·5	1019·3	78·1	74·9	x 84	75	1·1	0·4	7·3	6·5	85	94	28	2	—	0	5	7	—	6·0	74	Very fine.
20	1020·3	1024·7	74·5	73·0	79	73	0·2	0·2	6·5	5·9	96	94	—	1	—	1	10	0	—	—	71	o.
21	1026·1	1030·1	73·8	74·6	81	n 70	1·1	0·5	5·2	6·2	80	91	—	1	—	0	0	7	—	7·8	67	⌣ a. Very fine.
22	1028·8	1031·1	75·9	71·3	81	71	0·8	1·1	6·5	3·6	87	67	—	1	—	1	10	0	—	4·2	68	Fine.
23	1031·5	1028·8	75·4	74·2	79	n 70	0·7	1·6	6·4	4·7	88	72	4	2	4	2	3	8	—	4·2	n 66	⌣ a. Fine.
24	1023·3	1016·6	75·2	73·8	78	73	1·6	1·4	5·4	4·8	74	75	4	4	4	4	8	8	—	5·5	70	Fine.
25	1013·9	1014·5	75·6	73·1	78	73	1·4	1·2	5·8	4·6	78	74	4	3	6	2	7	0	—	3·4	70	Fine.
26	1011·5	1007·4	75·4	74·1	77	73	2·4	1·5	4·7	4·8	n 64	73	4	3	4	2	2	10	2·7	1·2	69	c.
27	1001·0	1000·7	74·1	71·9	76	72	0·4	0·1	6·2	5·4	92	96	—	1	—	0	10	9	2·6	—	70	⊠. ✳ showers a. o. p.
28	1002·0	1003·0	73·9	73·7	77	n 70	0·3	0·4	6·1	6·0	92	92	2	2	4	2	10	10	2·0	0·2	67	✳ showers a. o. p.
29	1000·0	998·3	74·7	74·7	79	72	0·6	0·6	6·2	6·2	90	90	4	3	2	4	10	10	8·4	1·7	68	c.
Mean	1007·1	1006·4	75·7	75·6	80·0	73·2	0·7	0·7	6·6	6·5	88	87	3·2		3·4		6·9	6·8	86·4	3·00	71·5	
Mean Pressure at Station Level.	999·5	998·7																				

DUBLIN (PHŒNIX PARK), a.c.—FEBRUARY 1916.

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 = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin 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.	Dir. (0–12)	m/s.	Dir. (0–12)	m/s.	9 h.	21 h.	mm.	hr.	°	
1	1027·7	1019·3	81·0	81·2	83	x 81	2·2	1·5	7·8	8·8	n 74	81	20	2	16	4	9	8	3·7	—	80	o. ●° p.
2	1013·5	1007·8	78·7	72·9	82	n 71	0·2	0·1	8·8	6·1	97	98	20	1	Calm	0	9	6	0·8	5·0	77	●° till 7 h. 30 m. Fine.
3	987·5	970·9	81·0	80·1	84	73	1·4	1·6	8·8	8·1	83	79	12	5	16	3	10●	7	3·2	—	69	● till 8 h. o.
4	978·0	989·8	74·1	75·1	83	72	0·6	0·6	6·1	6·4	89	91	20	1	20	3	4	0	—	5·1	69	Beautiful day.
5	1003·0	1001·0	76·1	82·2	83	74	1·1	1·0	6·4	10·2	83	87	20	2	20	7	0	6	9·3	6·2	70	Beautiful day.
6	1001·7	1007·4	80·1	76·4	x 85	75	1·5	0·9	8·1	6·8	81	86	20	5	18	4	6	1	4·6	2·5	78	●° 3 h. 30 m.–7 h. 30 m. c. ▲
7	1009·5	1009·5	75·2	74·6	79	74	0·7	0·7	6·4	6·1	88	90	20	3	22	1	3	0	1·0	5·9	72	✳● (sleet) 2 h.–4 h. Fine. ✳ p.
8	1005·4	1001·7	74·0	73·0	77	72	0·4	0·4	6·1	5·4	91	89	20	2	24	3	9✳	1	—	2·4	71	✳° 5 h. c. ✳° p.
9	1001·0	1011·8	73·4	75·0	80	72	0·6	0·6	5·8	6·4	88	91	20	1	20	2	9	3	0·4	3·2	70	✳ a. c.
10	1014·2	1003·0	74·7	80·2	80	72	0·4	0·5	6·4	9·5	94	93	20	1	20	2	8	8	3·2	—	70	●² a. and p. o.
11	1002·7	1013·9	75·6	74·0	80	74	0·6	0·4	6·8	6·1	91	91	20	1	20	2	0	0	0·3	6·8	72	●° 3 h. Beautiful day. △ p.
12	1017·3	1011·5	78·8	81·8	83	72	0·8	0·6	8·1	10·5	88	93	20	3	24	5	8	6	2·0	0·6	70	c. ●² showers p.
13	1016·9	1012·5	78·1	77·4	82	77	1·2	0·7	7·4	7·4	84	89	20	1	20	1	3	8	2·2	3·4	75	c.
14	1002·4	1005·1	75·2	74·7	80	74	0·4	0·7	6·8	6·1	94	88	20	4	20	2	9●	7	2·6	2·9	75	●✳▲ a. and p. c.
15	1001·3	988·8	76·2	83·8	x 85	74	0·4	0·9	7·1	11·5	95	89	16	1	20	6	9●	10●	6·7	1·0	72	●² a. and p. c.
16	987·8	997·3	76·0	75·6	x 85	75	1·1	0·6	6·4	6·8	83	91	24	8	26	5	9	9	3·2	3·0	74	✳● a. and p. c.
17	1006·8	1010·5	75·2	76·2	81	74	0·4	0·6	6·8	6·8	93	90	24	2	24	3	5	6	8·2	6·2	72	Beautiful day.
18	999·3	1000·3	82·7	81·7	x 85	76	0·3	1·5	11·5	9·1	96	81	20	4	24	3	10●	7	1·5	—	74	●² till 9 h. o.
19	1012·8	1019·3	77·4	73·4	84	73	0·5	0·1	7·8	6·4	92	99	24	1	Calm	0	5	7	3·6	6·1	75	Beautiful day.
20	1019·3	1022·0	77·2	77·2	79	73	0·3	0·5	7·8	7·4	95	92	16	1	32	1	10	10	0·4	—	72	●° 5 h.–9 h. o.
21	1025·0	1028·8	75·6	76·0	80	72	0·8	0·8	6·4	6·4	88	87	32	1	Calm	0	8	4	—	4·8	69	Fine.
22	1028·8	1029·4	75·2	74·6	80	73	0·6	1·1	6·4	5·4	92	81	Calm	0	Calm	0	5	2	—	7·0	69	Beautiful day.
23	1029·8	1026·4	77·9	76·0	79	74	1·9	1·3	6·4	6·1	n 74	81	4	1	4	6	7✳	7	1·9	4·2	70	✳ a. and p. Fine.
24	1021·3	1015·2	76·2	76·2	77	75	1·5	1·5	6·1	6·1	77	78	4	6	4	6	9	4	1·1	0·7	73	✳ a. and p. c.
25	1011·5	1012·8	73·6	75·7	77	74	0·0	1·1	6·4	6·1	99	84	4	6	4	6	10✳	9	5·0	—	72	✳ 4 h.–6 h. o. ✳ p.
26	1009·8	1005·4	73·5	73·4	77	72	0·5	0·2	5·8	6·1	90	97	4	6	4	2	9✳	10✳	4·0	2·5	72	✳ a. and p. c.
27	1000·3	1000·0	73·5	73·7	x 75	73	0·1	0·1	6·1	6·4	98	98	4	1	Calm	0	10✳	10	6·5	0·5	72	✳°. c. ✳ p.
28	1000·0	1000·3	72·9	75·2	77	n 71	0·2	0·1	5·8	7·1	95	97	Calm	0	Calm	0	10	10	4·7	1·6	n 67	✳ a. c. ✳● (sleet). ●² p.
29	997·9	995·9	74·6	75·4	77	74	0·5	0·2	6·1	7·1	91	96	Calm	0	32	2	9	10●	x 12·6	—	72	✳● (sleet) a. o.
Mean	1008·0	1007·5	76·3	76·7	80·7	73·7	0·7	0·7	7·0	7·2	89	89	2·4		2·8		7·3	6·1	92·7	2·83	72·2	
Mean Pressure at Station Level.	1002·0	1001·5																				

x denotes the maximum and n the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
April 25th, 1916.

[*Price Sixpence.*]

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1916.

DEERNESS, ORKNEY, a.b.c.—MARCH 1916.

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 = 0·30 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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.				%	%	Dir.	m/s.	Dir.	m/s.	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1005·1	1003·4	75·2	72·2	° 76	° 72	°·2	°·6	7·0	4·9	97	85	32	6	30	10	9●✳	10✳	—	0·2		✳● early: fair later. ✳ after
2	999·0	998·6	72·2	73·3	n 75	n 71	1·7	1·7	3·5	4·2	n 60	67	30	7	32	11	1	2	2·3	3·6		✳ showers all day. ⚢ [18 h.
3	1002·7	1007·8	74·4	74·0	76	73	1·0	1·0	5·6	5·4	82	81	32	10	32	11	7	7	—	3·2		✳ showers all day. ⚢
4	1010·8	1013·9	74·4	72·8	76	73	1·1	0·2	5·4	5·7	80	95	28	3	32	5	10	1	3·8	2·1		✳● showers 12 h.–18 h. ▲ n.
5	1016·6	1016·9	74·3	73·9	74·3	n 75	1·2	1·6	5·0	4·9	77	73	32	7	32	9	10▲	7	0·8	—		✳▲ showers till 13 h.
6	1019·3	1022·0	75·0	75·0	77	73	1·7	1·6	5·2	5·3	73	75	32	13	2	9	5✳	1	0·8	5·9		✳ showers a. ▲ showers till
7	1024·4	1024·7	75·6	74·7	77	75	2·1	1·0	5·1	5·7	69	82	4	7	8	2	8	10	—	2·0		Fine all day. [17 h. ♕
8	1024·7	1024·4	76·1	76·0	79	74	2·4	1·8	5·0	5·6	65	74	6	4	6	3	8	10	—	3·8		Fine all day.
9	1023·3	1022·3	75·6	75·9	79	75	0·7	1·8	6·5	5·5	90	74	—	1	2	5	6	10	1·0	2·6		Fine.
10	1017·3	1009·8	76·2	73·7	77	73	1·7	0·9	5·9	5·4	75	83	30	4	—	0	10	0	2·8	0·1		Dull a. ✳ showers n.
11	1012·2	1015·6	74·8	74·4	76	73	1·5	1·8	5·3	4·7	75	70	12	11	8	10	8	7	0·3	2·4		✳ showers a.; fair p. ▲ n.
12	1014·9	1014·9	74·1	74·4	76	74	1·7	1·7	4·6	4·8	70	72	10	7	6	6	10	10	—	1·0		▲ showers after 7 h.; fair p.
13	1013·5	1015·2	75·0	75·3	76	74	2·1	1·6	4·7	5·5	67	76	6	6	8	4	10	10	—	0·1		Dull: ✳ showers p.
14	1015·9	1016·9	75·9	75·6	77	75	2·2	1·7	5·2	5·5	68	75	8	2	10	3	10	10	—	—		Dull, but fair.
15	1015·6	1012·8	75·4	77·1	77	75	1·0	0·8	6·2	7·2	84	88	10	7	12	11	10	10	0·8	—		✳ early: ●° p.
16	1011·5	1011·5	76·9	77·8	78	76	1·2	0·4	6·6	8·0	83	93	10	13	12	11	10	10●°	3·3	—		Dull: ●° most of day. ≡° n.
17	1010·8	1013·5	77·9	77·2	79	77	0·1	0·3	8·5	7·9	99	96	12	7	18	2	10≡°●	8	4·3	—		≡°● 8 h.–14 h., then fine.
18	1016·2	1015·6	78·9	77·2	80	76	0·2	0·4	9·1	7·6	97	93	14	5	—	1	1	4	0·5	7·4		Very fine and bright. ⋃
19	1017·6	1021·7	78·2	78·3	80	76	0·2	0·5	8·6	8·2	97	94	6	4	8	6	10≡°	10	—	—		≡°≡ till 19 h.
20	1022·0	1017·3	77·8	76·7	80	77	1·0	0·6	7·3	7·3	86	92	6	8	2	4	10	8	2·3	3·4		Dull a.; fine p.: ● n.
21	1011·5	1012·8	77·8	75·7	79	75	1·8	0·6	6·4	6·7	75	92	4	10	4	12	7	8	2·8	3·4		Fair. ▲● showers after 18 h.
22	1015·9	1004·0	76·7	75·0	79	75	2·2	0·6	5·5	6·4	69	91	4	7	26	7	10	10●°	3·8	0·2		Dull. ● showers after 15 h.
23	997·3	994·6	73·1	74·3	76	73	0·7	0·7	5·2	6·0	83	87	26	9	32	6	10✳	4	7·6	2·1		▲✳² showers till 15 h. ▲ later.
24	996·6	994·9	75·9	72·5	77	73	2·2	0·6	5·2	5·3	69	86	32	7	26	3	8	10	2·5	5·5		✳² showers after 18 h. [20 h.
25	983·4	974·6	74·4	71·9	76	72	1·6	1·3	5·0	3·7	74	64	12	10	24	4	10	10	2·8	1·8		✳ 10 h.–14 h. ⊠ 25 mm. ✳ after
26	970·2	976·6	74·3	75·2	77	72	0·7	1·7	5·9	5·3	86	73	12	7	30	12	5	1	x 11·4	2·4		✳ showers early: ✳² 15 h.–19 h.
27	984·7	996·6	75·0	73·4	77	72	1·5	0·8	5·4	5·3	76	83	30	11	32	11	8	6	0·5	4·3		✳▲ showers; ⊠ 25 mm. [⊠
28	999·6	1001·7	72·7	75·1	n 75	n 71	0·8	2·2	4·8	4·7	81	66	26	13	30	16	6	3	2·0	2·0		▲a. ✳² 12 h.–14 h. ⸝ 16 h.–18 h.
29	1006·8	1001·0	75·0	76·6	77	73	1·8	0·6	5·0	7·2	71	92	—	1	16	10	4	10	2·0	7·0		Fine and bright. ●° after 20 h. [⚢
30	1001·7	1008·4	79·3	79·6	81	76	1·0	1·3	8·2	8·1	86	83	22	12	22	10	10	10●°	9·9	1·5		●° after 18 h.
31	1010·1	1016·2	80·6	80·6	x 82	x 78	0·5	0·1	9·7	10·3	94	99	20	7	20	8	10	10●°	9·7	—		● till 9 h. ●≡°≡ after 17 h.
Mean	1008·7	1009·1	75·8	75·4	77·5	74·0	1·3	1·0	6·0	6·1	79	82	7·3		7·2		8·1	7·3	78·0	2·19		
Mean Pressure at Station Level.	1002·5	1002·9																				

ABERDEEN, a.c.e.—MARCH 1916.

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 = 0·61 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.	Dir.	m/s.	Dir.	m/s.	9 h.	21 h.	mm.	hr.	°	
1	1002·4	1001·8	76·9	74·5	77	74	0·5	0·5	7·4	6·2	92	91	2	6	32	3	10●	10●	4·0	—		Dull, with steady ●. ✳ 23 h.
2	998·6	997·3	73·3	73·5	n 75	73	1·0	1·3	4·9	4·9	79	77	30	3	28	5	2	10✳●	1·5	6·2		Fair, q. ✳° showers.
3	1000·9	1000·6	72·8	73·2	76	n 71	0·5	0·6	5·3	5·4	88	87	28	5	28	4	0	5	1·4	7·4		⊠. Fair to fine. ✳° showers.
4	1011·9	1012·7	73·3	74·4	n 75	n 71	0·9	0·7	5·0	5·9	81	87	28	4	26	5	4	4	0·9	3·1		⊠. Fair a. ✳° showers. Dull.
5	1016·2	1016·9	74·3	73·0	76	73	1·3	1·4	5·1	4·3	77	71	28	4	28	5	10	4	0·4	—		⊠. Dull. ✳ 18 h. ♕
6	1017·2	1020·2	74·8	73·9	77	73	1·5	0·6	5·2	5·8	76	88	32	5	4	5	4	10✳	3·0	5·		Fair. ✳° showers. c. to dull. ✳ n.
7	1024·0	1022·9	73·5	75·0	76	73	0·7	1·5	5·4	5·3	86	76	28	2	6	6	9	6	1·6	4·		✳° showers a. c. to fair. q. △° ✳° n.
8	1022·2	1023·9	75·5	74·9	76	74	2·1	1·9	5·1	4·9	70	70	6	8	6	5	5	8	—	5·7		✳° △° showers early. Fair. q. all
9	1022·8	1021·8	75·1	75·0	77	75	1·8	0·8	5·1	6·1	72	87	2	2	32	3	10	10▲	0·8	4·4		c., with △° showers. [day.
10	1018·1	1010·9	75·6	75·0	78	74	1·7	1·1	5·4	5·8	74	82	28	3	—	1	10	10	1·5	—		Dull. ●° △° p.
11	1011·4	1011·3	74·5	74·6	76	74	1·5	1·1	5·2	5·6	76	82	10	8	6	12	8✳	10✳	3·6	0·5		[showers.
12	1011·4	1011·7	73·2	75·0	n 75	73	0·3	1·0	5·8	5·9	93	84	6	11	8	11	10✳	10	1·9	—		Dull, and q., with ✳● (sleet)
13	1012·0	1013·5	74·7	75·5	76	74	0·9	1·4	5·9	5·7	85	78	8	9	8	9	10	10	0·3	—		✳° a. Dull. q. all day.
14	1014·9	1015·5	76·1	75·9	77	75	2·2	0·7	5·2	6·6	69	88	8	5	8	7	10	10●	2·4	—		Dull, with ✳° showers.
15	1014·1	1012·1	76·4	76·8	77	76	0·3	1·0	7·4	6·8	95	85	10	5	10	8	10●	10	4·6	—		Dull. ●° after 18 h.
16	1010·3	1011·1	76·1	77·1	77	76	0·5	0·1	7·0	8·1	92	99	12	7	10	5	10●	10●°	6·5	—		Dull, with ≡° ●° all day.
17	1010·4	1015·2	77·3	76·8	80	75	0·2	0·4	8·0	7·4	97	93	—	1	—	1	10●≡°	8≡°	1·1	1·1		Dull to c., with ≡°.
18	1017·1	1015·5	75·8	77·4	78	74	0·3	0·4	7·1	7·8	95	94	—	0	—	1	† 10≡°	10	0·2	—		≡°. c. to dull.
19	1016·0	1018·8	78·0	77·4	78	77	0·1	0·2	8·6	8·0	99	97	6	2	6	6	10≡	10≡	1·2	—		≡ all day. ●° n.
20	1019·4	1016·0	77·4	77·5	78	77	0·5	0·7	7·6	7·5	92	89	6	6	2	3	10●≡°	10	1·9	—		≡°●° a. Dull.
21	1009·4	1011·1	77·3	76·0	78	74	2·1	1·0	5·9	6·3	71	84	4	7	8	6	3	10	0·2	3·7		●° ✳° showers. c.
22	1014·8	1007·6	75·5	75·5	77	74

FORT WILLIAM, INVERNESS-SHIRE, a.c.—MARCH 1916.

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 = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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.				%	%	Dir. (0–12)	Dir. (0–12)	Tenths of Sky covered.		mm.	hrs	200+	
1	1002·4	1002·7	75·9	75·2	76	75	1·2	1·8	6·1	5·2	81	72	4 4	4 4	10	10✳	0·5	No record.	No record.	Dull, with ✳ showers.
2	1000·0	1000·7	72·4	71·9	n75	71	1·3	0·7	4·0	4·6	68	80	4 2	4 3	8	1	0·3			Dull, with ✳ showers.
3	1004·4	1010·1	72·0	71·7	76	70	0·6	1·2	4·8	3·7	84	66	4 2	8 2	10✳	6	0·3			✳, ▣. Generally fine and sunny.
4	1014·2	1015·2	70·1	74·7	78	n67	0·7	0·7	3·6	6·1	74	87	4 1	Calm 0	6	1	—			Fine, clear, crisp, and sunny.
5	1018·6	1018·9	74·1	74·7	78	72	1·6	0·9	4·8	5·8	73	83	Calm 0	4 3	10	10●	0·5			c. all day.
6	1021·0	1021·7	74·1	74·1	78	72	1·1	1·5	5·3	4·8	79	74	4 3	4 4	7	1	0·7			Sunny intervals.
7	1024·0	1023·0	74·0	72·4	76	72	1·0	1·5	5·4	3·8	81	65	4 2	4 1	9	0	0·3			✳0, ▣. Sunny intervals.
8	1021·7	1022·3	73·6	75·2	77	70	0·7	2·2	5·4	4·8	85	66	4 4	4 3	4	7	0·3			Fair and sunny.
9	1022·3	1022·3	74·6	72·6	78	72	1·6	0·8	5·0	4·7	73	80	4 2	Calm 0	10✳	2	—			Fair to fine generally.
10	1019·3	1010·1	74·8	74·9	78	72	1·8	1·9	4·9	4·9	71	69	Calm 0	Calm 0	10	10	—			Dull but fair.
11	1007·8	1008·4	74·8	74·1	76	71	1·8	1·4	4·9	4·9	71	74	8 2	4 4	10✳	10	0·3			✳0 showers. Dull.
12	1008·8	1008·8	74·2	74·3	n75	74	1·2	1·3	5·2	5·2	78	77	4 5	4 5	10✳	10✳	0·2			Blustering, with ✳ showers.
13	1009·1	1001·1	74·7	76·3	79	74	1·6	2·1	5·1	5·5	74	70	8 4	8 2	10✳	8	—			✳ showers.
14	1010·8	1012·5	76·9	77·3	79	75	2·8	2·2	5·0	5·9	n63	70	8 3	4 4	9	9	—			Fair to fine.
15	1011·5	1007·1	78·6	77·2	84	76	2·2	1·5	6·4	6·5	72	78	Calm 0	24 1	7	8	0·5			Fine and sunny.
16	1005·7	1007·8	77·4	79·1	81	77	1·2	2·1	7·0	6·8	83	72	16 3	Calm 0	10●9	9	—			Dull, with occasional showers.
17	1010·8	1014·5	77·4	76·9	x85	76	0·8	1·5	7·4	6·3	89	79	Calm 0	Calm 0	10	10▣	—			Fine, mild and sunny. ∞, ▣.
18	1015·9	1014·2	74·4	77·3	84	73	0·8	1·7	5·8	6·3	84	76	4 1	Calm 0	8	10▣∞	—			Fine, mild and sunny. ∞, ▣.
19	1013·9	1015·2	77·6	78·0	82	74	1·1	0·6	7·1	7·9	85	91	4 3	4 5	10	8∞	—			Fine and dry; sunny intervals.
20	1015·6	1015·6	78·6	77·4	81	77	1·3	1·7	7·4	6·4	83	76	4 5	4 4	8	7	—			Fair.
21	1008·8	1009·8	76·8	75·8	80	75	1·8	1·8	6·0	5·5	76	74	4 4	8 4	9	3	—			Fair.
22	1014·9	1009·5	76·9	74·7	80	73	2·8	1·9	5·0	4·8	n63	69	4 2	Calm 0	3	10	0·7			Generally fine and sunny. ✳
23	1001·7	998·6	74·3	74·7	78	71	1·8	1·3	4·6	5·3	69	77	4 2	Calm 0	1	1	0·3			▣. Generally fine and sunny.
24	999·0	997·6	75·0	74·7	80	73	1·6	1·1	5·3	5·5	75	80	Calm 0	Calm 0	7	2	7·9			Fine generally; sunny intervals.
25	983·7	971·2	73·7	72·7	n75	72	0·2	0·8	6·1	4·8	95	80	20 3	20 5	10✳	10✳	7·6			✳ showers all day; ♨n.
26	976·6	982·0	75·8	74·7	77	71	1·2	0·8	6·1	6·0	81	86	20 4	28 3	10	5	5·8			✳2 showers. ▣ 100 mm.
27	993·2	997·9	76·3	72·4	80	72	2·2	1·1	5·3	4·3	68	72	28 3	Calm 0	6	0	—			▣. Fine, clear and sunny.
28	1004·4	1008·1	74·6	74·1	77	71	0·9	1·4	5·7	4·9	83	74	4 3	32 3	1	1	—			▣. Fine, clear and sunny.
29	1010·5	1005·4	72·4	77·7	79	69	0·6	0·3	5·0	8·1	85	95	Calm 0	24 3	4	10●	4·6			▣. ● afternoon.
30	1009·8	1015·6	79·2	80·0	81	77	0·7	0·8	8·6	8·9	90	90	20 3	20 3	10●	10●	x12·4			Dull and showery throughout.
31	1018·3	1022·7	80·7	81·3	82	x80	0·5	1·1	9·8	9·3	94	86	20 4	20 3	10●	10	11·2			"Muggy," with ● all day.
Mean	1009·0	1009·0	75·4	75·4	78·9	73·0	1·3	1·3	5·7	5·7	78	77	2·4	2·2	8·0	6·4	54·4			
Mean Pressure at Station Level.	1007·5	1007·5																		

DOUGLAS, ISLE OF MAN, a.—MARCH 1916.

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 = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local 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

ARMAGH, a.c.d.—MARCH 1916.

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 = 0·30 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Air Pressure at Mean Sea Level. 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.				%	%	Dir. m/s.	Dir. m/s.	Tenths of Sky covered.		mm.	hr.	°	
1	995·9	999·3	75·6	76·3	78	75	0·4	0·3	7·0	7·3	95	95	2 4	4 2	10●	10●	5·8	—	75	o. ● from 16 h.
2	997·6	999·3	74·4	72·6	77	72	0·2	0·2	6·5	5·8	97	97	— 1	2 2	10	7	—	0·2	73	c.
3	1004·4	1010·1	74·7	70·6	78	n 69	1·3	1·4	5·4	2·8	79	n55	2 2	— 0	0	0	—	10·0	n 65	Fine.
4	1014·9	1018·3	75·8	71·9	79	n 69	2·2	1·3	5·0	3·7	68	66	— 1	— 1	1	3	—	5·7	66	Fine.
5	1018·3	1020·3	76·2	75·1	81	72	1·1	1·3	6·4	5·7	83	81	— 1	— 1	10	10	—	1·6	68	c.
6	1020·6	1019·3	76·6	72·0	80	72	2·0	1·6	5·6	3·5	71	61	2 2	— 1	0	0	—	10·0	72	Very fine.
7	1021·0	1019·6	76·1	73·0	79	72	2·0	1·6	5·4	4·1	71	67	4 3	4 2	0	10	—	7·0	66	⌣ a. Fine but cold.
8	1016·2	1017·6	74·9	74·4	n 76	71	1·3	1·2	5·5	5·3	78	78	4 3	4 3	10	10	—	—	67	o.
9	1017·9	1019·3	75·6	75·1	77	73	1·8	1·7	5·4	5·3	73	73	4 4	6 2	9	10	—	1·1	70	c.
10	1016·9	1010·8	75·8	72·3	77	72	1·1	1·5	6·2	3·7	83	63	6 2	— 1	10	9	0·1	—	71	o.
11	1004·0	1002·0	74·7	73·3	n 76	72	0·9	0·4	5·8	5·8	83	92	8 2	6 3	8	10	1·1	3·4	69	c., with ✳ showers.
12	1000·3	1001·3	74·3	75·6	n 76	74	0·2	0·5	6·5	6·7	97	91	4 4	6 3	10●	10	1·4	—	72	o., with ● showers.
13	1003·4	1004·7	76·0	76·3	78	75	0·8	0·7	6·5	6·9	87	89	6 2	6 3	10	10	1·7	0·1	75	o.
14	1006·1	1007·1	76·8	77·7	80	75	0·4	0·6	7·5	7·7	96	91	8 4	6 4	10	10	1·3	—	75	o.
15	1007·1	1001·7	77·3	76·2	79	76	0·7	1·0	7·3	6·5	89	85	4 2	6 3	10	10●	3·2	0·4	76	o.
16	1000·3	1006·8	78·9	76·9	81	76	0·3	1·0	8·8	6·9	94	86	10 3	— 1	10	3	—	0·2	75	o.
17	1010·5	1013·5	79·9	77·4	84	77	0·9	0·7	8·7	7·4	87	89	14 2	— 1	10	0	—	2·6	70	c.
18	1012·8	1011·8	78·0	78·9	82	76	0·1	2·0	8·6	6·8	98	73	— 1	— 1	9	10●	0·6	0·3	75	o.
19	1009·1	1006·4	78·8	80·2	81	77	0·7	0·3	8·3	9·7	91	95	6 2	6 5	10	10	4·5	—	77	o., with ● showers.
20	1009·8	1010·1	78·3	77·8	81	78	0·6	0·4	8·1	8·1	92	94	6 4	4 2	10	10	2·0	—	78	o., with ● showers.
21	1005·1	1005·4	76·8	76·6	79	76	1·1	2·0	6·6	5·6	84	71	4 2	4 2	10	10	0·2	—	74	o.
22	1011·8	1010·1	76·2	72·6	78	72	1·6	1·8	5·9	3·6	75	61	6 5	— 1	10	0	—	1·3	75	Fine.
23	1002·0	1001·0	77·4	71·9	80	71	1·6	1·6	6·4	3·4	76	60	20 2	— 1	8	0	—	5·2	67	⌣ early a. Fine.
24	1000·0	1001·3	77·4	74·1	82	70	1·6	1·7	6·4	4·6	76	71	32 2	— 1	6	2	—	5·1	66	⌣ early a. Fine.
25	989·1	983·7	76·8	71·3	79	71	0·9	0·1	7·0	5·2	87	96	18 6	20 7	10	8	3·7	1·7	71	c., with ✳ showers.
26	989·8	988·5	74·9	73·4	78	71	0·9	0·4	6·0	5·9	86	92	22 3	20 8	10	10	x 7·4	4·5	70	⊠. ✳ showers. Fine interval.
27	996·3	994·6	77·2	73·6	80	73	1·3	2·0	6·7	4·0	81	64	— 1	4 2	0	8	—	9·0	70	⊠. Very fine.
28	1002·0	1010·5	75·9	72·5	79	71	2·5	1·8	4·9	3·5	66	60	4 3	— 1	2	2	—	10·7	68	Very fine.
29	1012·5	1011·5	75·8	78·1	83	71	1·7	1·2	5·6	7·2	75	83	20 4	20 4	3	10	1·2	3·6	67	Fine a. ● showers p.
30	1017·6	1022·3	80·8	80·1	84	78	1·2	2·2	8·8	7·2	85	72	20 4	20 5	10	10	—	0·4	77	c.
31	1024·7	1026·4	83·3	79·6	x 86	x 80	1·9	2·6	9·6	6·5	78	67	20 5	20 3	9	0	—	2·1	80	c.
Mean	1007·6	1008·2	76·8	75·1	79·7	73·4	1·1	1·2	6·7	5·7	83	78	2·8	2·5	7·6	6·8	34·2	2·77	71·6	
Mean Pressure at Station Level.	1000·1	1000·6																		

DUBLIN (PHŒNIX PARK), a.c.—MARCH 1916.

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 = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin 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.	Dir. (0–12) 9 h.	21 h.	Dir. (0–12) 9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	Remarks.
1	992·5	997·6	77·8	77·6	79	74	0·3	0·7	8·1	7·4	95	90	32 3	4 4	10●	10●	17·9	—	74	o., with ●2 a. and p.
2	997·3	997·3	76·7	74·5	78	74	0·2	1·0	7·8	5·8	97	82	4 3	4 3	10✳	9✳	3·5	0·3	74	o., with ✳●.
3	1003·4	1009·5	72·9	71·9	77	70	0·4	0·2	5·4	5·4	90	90	Calm	0 Calm	0	0	0·3	8·1	69	✳● a. Fine.
4	1014·9	1018·6	72·7	73·6	79	n 67	0·6	0·7	5·1	5·4	84	87	Calm	0 Calm	2	3	0·3	6·5	n 64	Fine.
5	1017·9	1020·3	72·8	75·2	79	70	0·4	1·0	5·4	6·1	91	85	28 1	Calm	0 7	8	0·4	1·6	66	✳● (sleet) a. c.
6	1020·0	1017·9	75·0	73·9	79	74	0·5	1·1	6·4	5·1	92	79	28 1	32 3	4	2	0·8	7·8	73	●0 a. Beautiful day. c. n.
7	1019·3	1017·9	75·6	75·2	78	73	1·7	1·7	5·4	5·4	76	74	28 4	4 2	7	6	1·7	5·6	70	▲✳ a. Fine.
8	1012·8	1014·9	74·9	75·4	77	74	1·1	1·0	5·8	6·1	82	84	4 5	4 6	10	8	4·4	—	69	▲✳ a. o.
9	1015·9	1018·9	74·4	75·2	79	74	0·2	0·6	6·4	6·4	95	91	4 2	4 5	10●	10✳	3·2	2·6	72	● a. c., with ✳● showers.
10	1015·6	1009·5	74·4	75·9	77	73	0·5	1·8	6·1	5·4	92	74	4 4	4 2	6	4	0·7	2·6	72	✳● (sleet) ✳ a. c. to a.
11	1003·4	999·3	74·0	75·1	n 76	73	0·6	0·4	5·8	6·8	88	95	4 3	4 5	9✳	10✳●	7·3	1·7	71	✳ a. c., with ✳●.
12	997·3	999·0	75·8	76·6	78	75	0·1	0·4	7·4	7·4	98	95	4 3	8 4	10●	10●	2·1	—	73	o., with ●.
13	1001·0	1002·4	76·4	76·9	77	76	0·8	0·7	6·8	7·1	88	90	6 5	8 6	10	10	1·6	—	75	● early. o., with ●.
14	1004·7	1005·7	78·8	79·5	82	76	0·6	0·9	8·5	8·5	92	86	12 4	Calm 0	10	10	1·3	2·8	76	c. to o., with ●.
15	1005·4	1000·3	78·1	75·9	80	76	0·5	0·2	8·1	7·4	93	97	4 3	Calm 0	10●	10●	12·7	—	77	o., with ●.
16	1001·3	1007·4	78·5	77·3	82	75	0·6	0·4	8·5	7·8	93	95	Calm 0	Calm 0	7	10	—	0·3	75	●0 early. o.
17	1010·1	1013·9	79·7	77·9	84	75	0·1	0·0	9·8	8·5	98	99	Calm 0	Calm 0	6	8	—	0·7	69	o.
18	1011·8	1011·5	79·6	79·2	81	77	0·5	0·3	9·1	9·1	92	97	Calm 0	Calm 0	6	7	0·3	—	75	o.
19	1007·8	1004·4	79·3	79·8	81	x 78	0·4	0·9	9·1	8·8	96	89	8 3	8 2	10	10●	20·6	—	75	o., with ●.
20	1007·8	1008·8	79·3	78·2	81	77	0·2	0·7	9·1	7·8	97	91	4 2	4 2	10	10●	4·7	—	79	● till 2 h. o., with ●.
21	1004·0	1004·7	76·9	76·3	79	76	1·1	0·7	6·8	6·8	85	88	4 3	4 2	10	9	2·1	—	75	o.
22	1008·1	1009·1	76·0	75·6	79	74	0·8	1·2	6·4	6·1	87	82	4 4	Calm 0	8	7	1·2	1·6	74	● 2 h.–4 h. c. ▲p.
23	1003·0	1000·7	72·9	72·4	80	70	0·2	0·5	5·8	5·1	95	85	Calm 0	Calm 0	10✳	0	0·5	4·2	66	c., with ✳.
24	1000·7	1002·7	76·1	74·5	82	69	1·2	0·6	6·1	6·1	81	90	Calm 0	Calm 0	2	0	0·3	8·9	66	✳ a. Fine.
25	995·2	989·8	76·6	71·9	81	72	1·0	0·3	6·8	5·1	87	92	20 2	4 3	9	0	2·6	2·4	70	c. ✳ p.
26	993·2	993·5	73·9	72·9	78	72	0·3	0·3	6·1	5·4	93	91	20 2	20 2	10✳	0	1·1	3·7	70	✳ early. c., with ✳●.
27	997·3	992·5	76·3	76·8	80	73	1·1	1·4	6·4	6·4	83	80	Calm 0	4 2	9	0	—	3·8	71	c.
28	1000·0	1011·2	76·7	71·0	79	70	1·7	1·0	6·1	3·7	77	n71	4 4	Calm 0	9	1	—	7·4	74	Beautiful day.
29	1014·5	1014·2	77·2	78·3	79	70	1·9	0·5	6·1	8·1	73	93	12 1	24 3	5	10	—	3·8	65	c.
30	1019·3	1025·7	81·1	81·2	84	x 78	1·1	1·5	9·1	8·8	86	81	24 5	24 4	9	8	0·1	0·1	76	o.
31	1026·7	1030·1	83·3	78·7	x 87	x 78	2·2	0·6	9·1	8·5	74	91	20 3	Calm 0	8	0	—	3·7	77	●0 2 h.–3 h. c.
Mean	1007·2	1008·1	76·6	75·9	79·6	73·7	0·7	0·8	7·1	6·7	89	88	2·3	1·9	7·9	6·1	91·7	2·58	72·0	
Mean Pressure at Station Level.	1001·2	1002·0																		

x denotes the maximum and n the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
May 9th, 1916.

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1916.

DEERNESS, ORKNEY, a.b.c.—APRIL 1916.

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 = 0·30 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean Time.

Day.	Air Pressure at Mean Sea Level. 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.				%	%	Dir. m/s.	Dir. m/s.	Tenths of Sky covered.		mm.	hr.	200+	
1	1018·6	1020·6	81·8	80·1	83	x 80	0·2	1·1	10·9	8·6	97	86	20 9	18 4	8	10	—	0·8	No record.	●0 till 8 h. Fair p.
2	1019·6	1015·6	81·7	78·7	82	77	1·5	0·6	9·0	8·3	81	92	16 3	— 1	0	3	—	10·1		Very fine.
3	1011·8	1010·1	80·4	77·8	81	77	0·9	1·1	8·9	7·2	87	85	14 2	22 2	10≡0	1	—	1·5		≡0 till 14 h., then fine.
4	1004·4	1009·8	78·4	78·3	81	76	1·2	1·5	7·4	7·1	84	80	20 6	30 12	10	1	2·3	6·6		●0 after 9 h.; ● showers p.
5	1019·6	1023·3	77·6	74·4	79	75	1·1	1·1	7·2	5·4	85	80	30 12	— 1	3	5	—	1·5		Fair to fine.
6	1020·7	1017·0	77·8	77·0	79	n 74	2·3	1·0	5·9	7·0	n69	85	14 9	14 11	2	0	—	11·4		Very fine and bright.
7	1017·7	1014·2	78·5	77·2	80	77	1·2	1·1	7·5	6·9	85	84	14 13	14 3	4	10●	0·5	5·3		∞ till 8 h., then fine. ⊕p. ●0 n.
8	1015·2	1014·5	78·7	76·6	81	76	1·1	0·7	7·6	7·1	85	90	16 11	22 13	10●	3●0	3·0	3·3		● showers all day; sunny intervals.
9	1005·4	1004·7	77·6	75·6	80	n 74	1·2	1·3	7·0	5·9	83	81	26 16	28 8	3	8	1·3	7·1		2 h. ● showers a. ▲ showers
10	1006·8	1017·6	77·4	79·4	82	75	0·2	1·0	8·1	8·3	98	86	16 8	20 6	10●	10	4·1	0·5		● showers all day. [after 17 h.
11	996·6	996·9	76·7	77·4	81	77	0·6	1·3	7·3	6·8	92	81	22 10	24 8	5●0	7	3·6	7·4		● showers all day.
12	984·1	980·7	79·8	77·3	83	76	0·5	0·7	9·1	7·4	93	91	18 5	22 7	10●	0	2·8	1·4		●0 till 10 h. ● 16 h.–18 h.
13	979·0	985·8	78·4	75·6	79	75	0·4	0·5	8·4	6·7	94	92	26 10	26 14	10●	10●0	6·4	0·5		● early. ● showers p.
14	991·5	998·3	76·2	76·2	n 78	75	0·5	1·1	7·1	6·4	92	84	26 12	28 13	10●0	10●	3·6	—		● showers all day.
15	1008·4	1016·2	78·7	76·4	80	76	1·6	0·8	7·1	6·8	79	87	28 14	24 2	7	4	—	8·6		Fair to fine. ⊔
16	1009·1	991·9	78·3	78·9	80	76	1·2	0·0	7·4	9·2	83	100	14 11	14 11	10	10●	x 7·6	—		Fair a. ● 14 h.–21 h.
17	986·4	984·7	79·8	78·9	81	79	0·4	0·1	9·3	9·1	95	98	16 4	4 4	10	10	2·3	4·9		Fine and bright.
18	987·8	993·5	79·4	77·2	80	77	0·4	0·8	9·1	7·3	94	89	6 7	8 10	10●0	10●	1·5	—		d. a. ● showers p.
19	995·2	996·9	77·4	77·2	79	77	0·7	0·8	7·5	7·2	91	89	4 3	6 4	10●	10●	2·3	0·7		●0 till 10 h. ● after 20 h.
20	998·3	1000·7	78·9	77·8	80	77	1·6	0·6	7·2	7·9	79	92	4 7	2 6	10	8	—	1·0		Fair.
21	1001·0	1001·7	79·3	77·2	81	77	1·5	1·7	7·5	6·3	80	76	32 6	2 5	7	8	2·5	6·3		[14 h.–19 h.
22	999·6	996·6	79·0	77·2	81	75	1·9	0·6	6·9	7·5	74	92	6 2	14 7	8	6	2·5	1·5		Fine and bright a. ● showers
23	995·6	1003·4	78·9	78·9	81	75	1·7	2·1	7·2	6·8	78	73	18 10	18 7	5	4	3·3	7·5		● showers a. ● 13 h.–17 h.
24	996·9	1005·1	79·8	80·6	83	77	0·9	1·0	8·7	9·0	88	87	14 17	20 4	10●0	10	2·0	1·5		● showers 12 h.–18 h.
25	1012·8	1023·0	79·3	78·4	84	78	1·0	0·8	8·2	8·0	86	89	18 6	18 2	10	1	1·0	5·8		9 h., 10 h. and 11 h. ● showers.
26	1023·7	1021·0	79·1	80·6	81	77	0·8	0·7	8·3	9·4	89	91	8 9	10 5	10	6	0·3	3·7		Dull a. Fine p.
27	1016·9	1017·9	81·7	78·8	82	79	0·7	0·3	10·2	8·8	92	95	12 10	— 0	3	8≡	—	6·8		●0 7 h.–8 h. ≡ 12 h.–16 h.
28	1023·3	1027·4	82·8	81·1	x 86	79	1·7	0·8	9·6	9·7	80	90	22 4	— 1	2	6	—	4·0		≡2 15 h.–19 h.
29	1028·8	1026·7	81·8	79·9	83	x 80	1·9	0·4	8·6	9·2	76	94	— 1	16 2	10	10	—	2·4		Very fine all day.
30	1022·7	1020·6	81·6	78·4	84	79	1·4	0·7	9·1	8·1	83	91	16 3	24 4	10	6●0	—	4·7		Fine.
Mean	1006·4	1007·3	79·2	78·0	81·2	76·7	1·1	0·9	8·1	7·6	86	88	8·0	5·9	7·6	6·5	52·9	3·89		Fine. ●0 showers after 18 h.
Mean Pressure at Station Level.	1000·2	1001·1																		

ABERDEEN, a.c.e.—APRIL 1916.

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 = 0·61 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.	Dir. 9 h.	m/s. 21 h.	Dir. 9 h.	m/s. 21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	Remarks.
1	1022·5	1023·2	84·9	79·6	x 89	78	3·0	1·1	9·2	8·3	67	85	16	3	—	0	4∞	0∞	—	8·8	No record.		∞0 early. Very fine. Parhelia
2	1021·5	1017·4	80·3	80·6	88	n 74	2·6	2·2	6·8	7·5	67	72	—	1	18	2	0∞	0	—	10·9			⊔ ∞0 early. Fine. [18 h.
3	1013·6	1012·0	81·9	80·4	86	75	2·9	1·7	7·5	7·9	66	77	—	1	24	2	0∞	10	1·3	6·4			∞ early. Fine to dull. ●0 n.
4	1008·1	1010·4	79·8	78·8	83	77	2·8	1·3	6·4	7·5	65	82	18	2	26	4	0	8●	2·1	7·8			∞0 a. Fine. Dull to fair. ●0 n.
5	1019·9	1024·3	78·4	76·4	80	76	1·5	2·2	7·1	5·4	79	69	28	8	30	2	7	10<	1·0	5·1			c. and q. ●0 showers. < n.
6	1020·7	1017·0	77·8	77·5	80	n 74	3·0	1·7	5·3	6·4	62	76	16	3	14	4	7	9	—	5·3			c. with ∞0 a. Fair to fine. c. n.
7	1017·7	1015·4	78·1	76·3	79	76	1·5	0·8	6·9	6·7	79	87	14	4	28	2	9	10●	1·2	—			c. early, then dull. ●0 n.
8	1013·0	1010·9	78·3	79·8	83	75	1·7	2·8	6·8	6·4	76	65	16	5	22	4	7	0	0·9	7·6			Fair. q. ●0 showers p. Fine n.
9	1024·4	1020·6	80·2	76·6	82	76	3·6	1·9	5·9	5·7	58	73	26	11	24	4	1	0	1·0	8·6			Sudden q. with △0 ●0 13 h. Fine n.
10	1016·8	1004·3	78·3	82·5	86	75	1·2	2·6	7·4	8·2	83	69	18	2	18	2	10●	10	—	3·9			Dull with ∞a. Fair. ●0 showers. [showers.
11	1000·5	1001·9	80·8	78·9	83	78	3·8	2·8	6·0	6·0	n57	65	24	6	22	2	0	10	0·4	9·9			q. Fine to fair. Dull n. ●0
12	987·5	984·3	81·3	79·2	86	77	2·1	2·5	8·1	6·4	74	68	16	2	22	2	6	0	0·6	7·5			∞0 early. Fair. Occasional ●0.
13	983·0	991·1	80·9	77·0	83	76	3·0	2·8	6·8	5·1	64	63	24	7	26	7	10	5	0·3	6·0			c. ●0△0 showers. q.
14	995·7	1000·7	78·8	76·9	82	76	3·4	2·2	5·4	5·6	59	69	26	9	26	8	10	6	—	5·5			q. c. to fair.
15	1011·0	1018·6	79·3	76·3	82	75	2·7	1·5	6·3	5·9	66	77	28	11	—	1	0	1	—	11·8			q. a. and p. Fine. ⋃ n.
16	1013·0	995·7	78·8	79·6	81	75	2·1	0·3	6·6	9·2	72	95	14	4	16	4	10	10●	x 13·0	—			Dull a. ≡0● p.
17	987·8	982·8	81·3	80·0	84	78	1·4	0·9	8·9	8·8	82	88	—	1	—	1	10≡0●	8●	7·2	1·7			≡0● a. Dull to c. ●0 n.
18	985·3	989·0	78·0	78·1	80	77	0·6	0·4	7·9	8·3	91	94	28	4	4	6	10●	10●	7·5	0·3			● most of day.
19	992·7	993·9	76·7	77·0	n 78	76	0·7	0·9	7·1	7·0	89	87	4	7	4	6	10●	10●	10·0	—			Steady ● all day.
20	995·3	998·0	79·0	78·4	80	77	1·0	0·3	8·0	8·5	86	96	4	6	4	5	7	10●	6·5	0·4			c. a., then ●.
21	999·4	1000·8	77·7	77·9	79	77	0·5	1·2	7·8	7·1	92	82	32	2	32	2	10●	8●	2·1	0·2			Dull, with ● a. and p. ●0 n.
22	999·5	999·4	79·1	76·9	81	76	1·7	0·9	7·3	7·0	77	86	—	1	22	3	7	2	0·8	5·3			Fair. ●0 shower p. [Dull n.
23	1000·2	1007·5	79·5	80·7	83	75	1·6	1·4	7·5	8·5	78	81	18	6	18	4	8	7	3·6

FORT WILLIAM, INVERNESS-SHIRE, a.c.—APRIL 1916.

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 = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir. (0–12)	Dir. (0–12)	Tenths of Sky covered.		mm.	hrs.	200+ °	
1	1024·0	1024·4	79·5	79·1	84	79	0·4	1·4	9·1	7·6	94	81	20 2	20 1	10≡	2	—			≡ at first, then sunny.
2	1021·7	1016·6	81·8	79·4	87	74	2·7	1·9	7·6	7·1	68	75	20 1	16 2	0	1	0·3			Very fine, clear, and sunny.
3	1014·5	1013·5	79·6	77·9	83	77	1·0	1·1	8·3	7·2	86	84	20 1	20 1	10●⁰	9●⁰	3·0			Showery, with sunny intervals.
4	1009·5	1014·2	78·6	78·0	83	76	0·6	0·6	8·3	8·0	92	92	20 2	Calm 0	10●	7	1·5			Dull and showery.
5	1022·7	1024·4	80·2	75·7	82	75	2·9	1·6	6·5	5·6	65	76	4 2	8 1	9	0	—			Fair to fine.
6	1018·9	1013·5	76·4	78·0	83	n 71	1·3	2·7	6·3	5·6	80	65	20 1	20 2	8∞	2	—			Fair to fine.
7	1015·6	1016·6	79·5	76·8	84	76	2·6	1·2	6·4	6·6	67	84	Calm 0	20 1	10∞	5∞	1·0			∞² ●⁰ showers.
8	1012·2	1012·8	78·1	78·6	84	76	0·7	1·7	7·9	7·0	91	78	20 5	24 3	10●≡	4	3·6			≡● and q. at first, then fair.
9	1016·9	1023·0	80·1	78·1	83	77	3·8	1·9	5·6	6·5	56	75	24 3	24 3	7	5	0·5			Fair to fine generally; ●⁰ showers.
10	1017·9	1005·1	79·4	79·7	81	76	0·4	0·6	9·0	9·0	93	92	24 2	20 3	10●≡	10●⁰	16·5			Dull and showery; ≡.
11	1003·4	1002·7	78·9	77·4	83	76	2·2	1·1	6·7	7·0	72	84	20 2	20 3	8●⁰	10●⁰	12·2			Dull and showery. [rain.
12	989·5	986·1	80·8	79·1	85	76	0·7	1·8	9·5	7·1	91	76	20 2	20 2	10●⁰	9	10·2			●² showers at times; fair inter-
13	986·8	994·9	79·5	77·4	83	77	1·6	2·8	7·6	5·3	78	63	24 1	28 2	9●⁰	9	1·8			Showers and short sunny intervals.
14	998·6	1005·4	78·9	75·2	82	75	2·7	1·1	6·1	6·0	66	82	24 3	24 2	7	1	1·8			● and ✻ showers during day.
15	1015·6	1018·9	78·7	76·5	84	74	2·5	1·8	6·3	5·8	69	73	28 1	16 2	9	7	1·0			Generally fine. ✻⁰ on hills.
16	1008·8	995·9	78·6	81·3	82	76	0·6	0·9	8·3	9·6	92	88	20 3	20 3	10●⁰	10	x 24·6			Dull with ●.
17	987·8	982·4	79·7	79·1	85	79	0·6	0·6	9·0	8·7	92	92	20 3	Calm 0	10●	10	3·3			Showery and dull generally.
18	988·1	989·5	81·2	78·6	82	78	1·8	0·6	8·4	8·3	78	92	24 3	4 2	9	10	4·8			Showery and dull generally.
19	993·5	994·2	78·0	77·4	81	77	1·5	1·1	6·9	7·0	79	84	4 5	4 3	10	10	0·3			Fair generally.
20	995·6	998·6	77·7	78·6	n 80	76	0·9	1·7	7·3	7·0	86	78	4 5	4 4	10	9	0·5			Fair generally.
21	1000·0	1000·3	78·4	78·4	84	76	2·1	1·6	6·5	7·1	74	79	4 4	4 4	9	10	3·0			Fair generally.
22	999·6	998·3	76·2	77·4	83	74	0·4	0·6	7·1	7·5	93	91	20 1	20 2	10	10	6·9			Fair generally; ● after 18 h.
23	999·3	1005·4	80·8	79·7	81	75	2·5	1·7	7·3	7·5	70	77	20 4	20 2	7	7	23·3			Mostly dull and showery.
24	996·6	1007·8	83·0	80·2	86	79	1·1	0·6	10·5	9·3	86	92	20 5	20 2	10●	10●	15·7			"Muggy"; ● and ≡; fog hills.
25	1014·9	1020·0	77·8	82·0	85	76	0·9	2·3	7·4	8·1	86	72	4 1	4 1	10●	9	2·3			● at first; fair to fine generally.
26	1018·6	1016·2	88·0	87·9	x 94	81	4·7	3·8	9·3	10·5	n 55	62	12 3	16 2	6	4∞	—			Very fine. ∞ n.
27	1015·9	1019·3	83·0	81·9	89	x 82	1·7	0·4	9·7	10·6	80	94	20 3	20 3	1	10●⁰	0·8			Fair to fine; ●⁰ evening.
28	1025·7	1026·4	84·9	83·5	89	80	2·4	1·8	10·0	9·9	72	79	Calm 0	16 1	8	6	—			Fine and sunny.
29	1027·4	1024·0	83·6	84·7	91	77	1·7	2·2	10·1	10·1	80	74	4 1	4 3	4	10	—			Fine and sunny; evening dull.
30	1022·3	1019·3	85·2	82·1	91	80	2·8	1·8	9·8	8·8	69	77	Calm 0	4 3	0	1	—			Fine and sunny.
Mean	1008·7	1009·0	80·2	79·3	84·5	76·7	1·7	1·5	8·0	7·7	79	80	2·3	2·1	8·0	6·9	138·9			
Mean Pressure at Station Level.	1007·2	1007·5																		

DOUGLAS, ISLE OF MAN, a.—APRIL 1916.

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 = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local 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.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	Remarks.
1	1028·4	1026·1	81·3	78·8	84	77	1·1	1·2	9·5	7·4	86	82	20 1	28 1	6	0	—	8·4	73		⌣ early. Very fine.
2	1023·7	1018·9	78·0	79·7	85	n 71	0·8	1·7	7·8	7·4	88	77	12 1	28 1	0≡	4	—	11·6	n 68		⌣∼ early. ≡². Very fine.
3	1017·9	1015·9	80·8	78·6	83	77	0·8	0·7	9·5	8·1	90	91	18 1	28 2	3	10	1·5	3·6	72		⌣ early. c. to o. ●⁰ after 18 h.
4	1015·2	1015·9	79·1	77·7	82	76	1·1	1·8	7·8	6·4	84	75	26 4	24 2	3	4	0·8	8·6	74		●⁰ early. Fine. q. c. afternoon.
5	1022·0	1024·0	79·7	77·4	83	77	1·1	1·1	8·1	7·1	84	84	30 2	26 1	0	2	—	11·4	75		● early. Very fine. [17 h.
6	1021·0	1015·9	79·1	78·2	81	76	1·1	1·0	7·8	7·4	84	86	16 1	14 1	7	8	—	8·6	71		⌣ early. Very fine. c. after
7	1016·2	1020·0	78·6	77·4	n 80	76	1·7	1·1	7·1	7·1	78	84	10 2	28 1	8	8	—	7·1	76		Very fine till 14 h. ▲● 15 h.
8	1020·3	1018·6	79·9	79·7	81	75	1·8	1·0	7·4	8·5	75	86	20 3	22 1	7	6	—	3·8	71		⌣ early. c. ● 18 h. q. [⌣
9	1022·0	1025·7	80·8	78·6	83	77	2·2	1·2	7·8	7·8	73	85	28 3	28 2	4	3	—	8·9	75		Fine. c. and q. intervals.
10	1023·3	1011·5	80·4	80·3	83	74	1·6	0·1	8·1	10·2	80	99	22 2	22 4	8	10●	5·3	2·5	72		⌣ early. c. to o. ● after 15 h.
11	1009·1	1008·1	78·8	79·4	82	77	1·4	0·8	7·4	8·5	81	88	26 5	22 3	7	10	x 13·5	8·6	75		Fine. q. till 16 h. [16 h.
12	994·6	993·5	83·1	79·7	85	78	0·1	1·4	12·2	7·8	99	81	24 5	24 6	10	0	0·5	6·0	77		●² early. q. ● showers.
13	993·2	997·3	80·2	78·1	82	77	1·5	0·2	8·1	8·5	80	97	24 6	26 4	10	10	6·6	1·0	76		c. and q., with frequent ●.
14	1005·1	1010·8	78·1	77·4	81	75	0·9	1·2	7·4	6·8	87	82	28 6	26 6	8	8	3·6	10·4	74		⌒. ✻▲● showers. [showers.
15	1017·3	1022·0	78·8	76·3	81	75	1·1	1·1	7·8	6·4	85	83	28 6	28 1	4	4—	10·2	10·5	73		⌣▲●⌒ a. q. till 16 h. ⌣
16	1013·5	1002·4	79·7	81·3	84	76	0·0	0·0	9·8	10·8	100	100	20 1	24 3	10≡●	10≡	6·6	—	72		o., with ≡●.
17	994·9	988·1	81·3	79·7	83	79	0·9	0·6	9·5	9·1	88	92	22 8	24 6	10	10●	7·6	3·0	79		⌒● a. c. and q. ● showers.
18	991·5	989·8	79·7	78·6	n 80	79	0·2	0·6	9·5	8·5	98	92	26 6	26 6	10●	10	11·4	—	78		o. and q. ● showers. [●⁰.
19	991·5	990·5	79·7	77·2	81	77	1·4	0·8	7·8	7·4	81	90	32 2	2 2	8	8	0·3	1·3	76		●² early. c., with occasional ●
20	991·9	996·3	78·2	78·6	81	77	1·0	1·2	7·4	7·8	86	85	32 2	2 2	10	8	—	0·3	76		●⁰ a. o., with occasional ●.
21	997·9	999·0	80·1	78·3	83	77	2·0	0·9	7·4	7·8	74	88	4 2	4 2	8	2	0·3	7·5	74		●⁰ a. Very fine. c. intervals.
22	1000·7	1003·7	79·7	79·1	82	76	1·7	1·0	7·4	8·1	77	86	28 3	24 2	7	2	—	9·5	71		⌣ early. Very fine.
23	1007·1	1010·8	80·2	80·2	84	78	1·6	0·3	7·8	9·8	78	96	22 3	20 4	10	10	7·1	5·3	75		●⁰ a. o. morning, fine afternoon.
24	1007·1	1011·5	81·1	81·3	82	80	0·0	0·0	10·8	10·8	100	100	16 6	18 4	10●	10≡●	7·1	—	79		≡⁰● a. ≡² after 11 h. q.
25	1016·2	1020·6	81·3	80·8	82	x 81	0·4	0·4	10·2	9·8	94	95	20 4	8 1	10●	4	3·8	—	80		≡ till 8 h. o. q.
26	1019·6	1017·9	83·6	83·6	x 90	80	2·2	1·2	9·5	10·8	75	86	8 3	20 1	7	3	—	11·8	77		Very fine.
27	1019·6	1021·7	78·3	79·4	84	79	0·5	0·2	8·5	9·5	94	98	18 3	28 1	10	0	—	0·7	78		Dull and c., with ●².
28	1025·4	1024·7	82·4	84·7	88	79	1·1	1·7	10·2	10·8	86	80	32 3	4 2	7	0	—	7·0	77		⌣ a. c. to fine.
29	1024·0	1022·3	87·4	84·7	x 90	x 81	0·2	2·0	15·9	10·5	97	77	6 1	4 2	8	2	—	10·4	77		⌣ a. c. to very fine.
30	1021·0	1017·3	84·4	85·2	x 90	79	2·0	2·8	10·2	9·8	77	n 69	6 3	2 1	2	0	—	13·0	75		Very fine.
Mean	1011·7	1011·4	80·4	79·7	83·3	77·2	1·1	1·0	8·9	8·6	85	87	3·3	2·5	7·1	5·5	86·2	60·3	74·9		
Mean Pressure at Station Level.	1001·1	1000·8																			

x denotes the maximum and n the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

SHREWSBURY, SHROPSHIRE.—APRIL 1916.

Heights above Mean Sea Level:—Station H = 57·9 m; Barometer, H_b = 64·7 m. Heights above Ground:—Therms., h = 1·2 m.
Rain-gauge, h = 0·30 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir. (0–12)	Dir. (0–12)	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1029·0	1026·3	81·9	79·1	89	75	1·7	1·1	8·9	7·9	79	84	24 1	24 1	0	0	—		71	Fine. ≡ n.
2	1022·8	1019·1	84·9	80·5	90	72	3·6	0·8	8·6	9·1	61	89	Calm 0	Calm 0	0≡	0	—		70	≡ a. Fine.
3	1016·6	1015·9	83·0	79·9	90	72	2·2	1·3	9·0	8·1	74	81	16 1	20 1	0	0	—		71	Fine. o. p.
4	1016·4	1015·6	80·2	81·1	84	75	2·8	4·2	6·6	5·8	66	n 53	24 3	26 2	4	2	1·2		72	Fine, but chilly a. ● showers.
5	1019·5	1022·8	79·1	77·2	86	75	1·7	1·4	7·3	6·5	78	80	28 3	2 1	9●	3	—		72	o.
6	1020·5	1015·9	77·0	78·1	n 82	n 70	1·2	1·7	6·6	6·8	82	77	30 1	14 1	8	8	—		n 68	Fine.
7	1015·8	1019·6	78·1	76·1	84	74	1·5	0·8	6·9	6·7	79	89	6 1	Calm 0	5	0	—		71	∞⁰. Fine.
8	1021·8	1019·8	82·2	80·2	87	n 70	2·4	1·6	8·2	7·9	71	78	28 1	24 2	0	0	—		n 68	Very bright a. Fine.
9	1021·6	1024·4	81·6	79·1	85	76	2·8	1·7	7·4	7·3	67	78	24 2	26 2	7	0	—		72	Fine.
10	1024·5	1015·2	82·7	82·6	90	75	2·8	1·6	8·1	9·6	68	81	22 1	22 3	7	8	—		71	Fine.
11	1009·7	1011·6	81·3	78·0	84	78	3·9	1·1	6·1	7·3	56	84	26 6	26 2	5	5	0·8		75	Fine. ● showers evening.
12	998·6	997·4	84·8	80·8	89	74	1·8	1·0	10·8	9·1	79	87	24 6	24 2	8	3	—		75	Fine but q.
13	996·8	997·7	82·1	79·1	85	77	3·0	1·1	7·5	7·9	65	84	24 7	24 4	6	7	0·8		75	Fine a. ▲⁰ 11 h.
14	1007·1	1010·8	80·2	79·3	84	76	3·2	2·2	6·2	6·7	61	71	26 5	24 4	3	9	—		73	Fine a. ▲ showers.
15	1016·9	1021·9	79·7	77·4	83	77	2·7	1·5	6·4	6·5	66	78	26 4	Calm 0	8	2	4·4		73	Fine, but cold. ▲⁰● afternoon.
16	1017·2	1006·6	79·1	83·6	85	74	0·5	1·2	8·7	10·9	92	86	12 3	20 3	10●	6	3·0		71	● a.
17	999·7	992·5	82·7	80·8	85	79	1·3	1·1	10·1	9·0	85	86	24 3	24 2	7●	10●	4·6		77	Mild, with frequent ● showers.
18	992·1	993·2	81·9	79·1	n 82	79	2·2	1·0	8·2	8·1	73	86	26 3	28 3	8●	10	1·4		76	● showers.
19	990·8	990·6	81·1	78·6	84	77	2·3	0·6	7·6	8·3	72	92	26 4	28 2	8	10	x 6·9		75	Fair. Cold wind.
20	991·3	994·4	78·0	78·6	83	76	0·8	0·6	7·6	8·3	88	92	26 1	26 2	10	10	—		74	● showers.
21	996·9	997·3	81·4	77·8	84	77	2·0	0·7	8·1	7·6	75	90	26 1	28 1	7	0	5·5		76	Mild a. ▲²● 11 h.–11 h. 30 m.
22	999·5	1005·7	80·2	77·4	84	74	1·4	1·1	8·2	7·0	82	84	26 2	28 2	7	2	—		72	Fine.
23	1008·4	1014·3	83·6	81·3	89	76	2·8	1·6	8·7	8·6	68	79	22 3	22 4	7	5∞	0·6		72	Fine a. ∞
24	1012·4	1014·6	83·2	84·2	88	80	1·9	1·2	9·6	11·3	78	85	16 6	16 3	9	10	—		79	Fine.
25	1018·7	1020·2	85·2	84·3	90	x 82	3·1	2·6	9·3	9·3	66	70	16 3	16 1	9	1	—		79	Fine and mild.
26	1020·6	1017·2	88·1	87·6	x 95	77	3·9	2·4	10·5	12·3	61	75	16 1	14 1	3	0	—		74	Fine.
27	1018·8	1020·3	87·0	83·6	93	81	2·3	1·7	11·8	10·1	74	80	18 1	20 1	2	1	—		76	Fine.
28	1023·5	1022·5	82·6	82·4	89	80	0·7	1·1	10·8	10·1	92	86	26 2	2 1	10	4	—		77	Dull.
29	1022·8	1020·2	87·2	85·2	92	75	3·1	2·2	10·9	10·5	68	74	26 1	28 2	1	1	—		73	Fine.
30	1019·8	1015·6	83·8	84·7	92	77	2·2	1·6	9·6	11·0	74	81	4 1	10 2	0	2	—		75	Fine.
Mean	1012·4	1011·9	82·1	80·6	86·8	76·1	2·3	1·5	8·5	8·6	73	81	2·6	1·8	5·6	4·0	29·2		73·4	
Mean Pressure at Station Level.	1004·5	1004·1																		

CAMBRIDGE, a.—APRIL 1916.

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 = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local 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.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	Remarks.
1																					
2	1029·0	1026·4	81·6	79·9	87	74	1·7	1·3	8·8	8·1	80	82	30 1	Calm 0	0	0	—	9·7	72		Beautiful day.
3	1023·8	1020·6	84·1	80·6	90	72	3·2	0·9	8·5	9·1	65	88	12 3	Calm 0	0	0	—	10·8	72		Beautiful day. [▷
4	1018·1	1013·7	81·3	79·8	93	74	0·5	0·4	10·2	9·5	93	96	12 1	Calm 0	0	0	—	9·1	74		≡▷ early. Fine and warm.
5	1015·2	1014·8	79·8	75·2	85	75	1·5	0·1	7·8	7·1	80	97	32 5	30 1	5	2	—	4·7	75		o. morning. Fine noon–18 h.
6	1017·6	1021·9	79·1	77·2	n 82	73	1·4	0·9	7·8	7·1	81	87	32 3	32 3	2	3●	0·5	5·1	73		c., with sunny intervals.
7	1021·3	1017·2	78·6	79·6	n 82	75	1·2	1·9	7·4	7·4	84	75	4 3	4 2	7∞	10	5·8	3·5	75		c. ● showers. Dull with ● n.
8	1014·1	1018·8	76·9	76·0	n 82	75	0·8	0·2	7·1	7·4	88	96	32 3	32 1	10	0	—	2·5	76		✻ early, then ●. Fine 13 h.–
9	1022·0	1019·6	78·3	76·4	86	n 70	1·4	0·4	7·1	7·4	81	94	30 1	Calm 0	0∞	0	—	9·8	n 65		≡ ⌣ early. Fine. [17 h.
10	1020·6	1023·9	82·4	77·5	85	74	2·7	1·2	8·1	7·1	67	83	28 3	28 1	3	0	—	5·3	70		Fine a, then dull. Cool wind.
11	1024·6	1015·8	80·3	83·5	88	73	2·1	2·7	7·4	8·8	73	69	30 2	24 1	1	7	1·0	10·9	71		Fine and warm.
12	1006·9	1011·8	80·9	77·7	84	77	1·1	0·9	9·1	7·4	86	87	28 5	28 1	10	2	2·8	5·5	75		● early. Sunny intervals.
13	999·9	996·0	80·4	82·3	89	76	0·2	1·0	9·8	10·2	97	86	22 3	24 1	10●	8	—	3·0	75		● a. o. till 15 h.
14	996·7	998·0	81·6	79·1	86	77	1·9	1·4	8·5	7·4	77	80	24 4	24 3	10	8	2·0	7·7	73		Bright a. ▲⁰● noon.
15	1005·8	1010·6	80·7	76·4	84	76	2·7	0·7	7·1	6·8	68	89	28 6	26 2	3	3	0·8	6·9	75		Fine a. Dull from 14 h.
16	1014·2	1021·3	79·9	77·6	84	75	2·4	0·7	6·8	7·8	69	91	28 6	28 1	6	7	0·3	8·7	71		Fine.
17	1020·1	1010·0	81·6	79·9	84	72	2·5	0·1	7·8	9·8	70	98	22 2	20 3	8	10●⁰	4·8	0·1	71		o.
18	999·7	992·6	84·1	80·8	87	80	1·9	1·6	10·2	8·5	77	80	24 5	24 2	9	6	x 7·6	2·5	79		● most of day. ⊤ 16 h.
19	987·7	991·3	80·5	79·9	85	80	0·5	1·3	9·1	8·1	94	86	24 4	24 4	10●⁰	10●⁰	1·3	0·4	76		o. and q. [16 h.–18 h.
20	988·0	989·3	80·1	78·6	84	77	1·0	0·0	8·8	9·1	86	100	24 3	24 1	10●	10	5·8	0·8	76		● a. o. ⊤ 14 h. 30 m. ⊼
21	990·5	995·1	79·1	77·6	83	77	1·0	0·4	8·1	7·8	85	94	24 3	24 1	10	1	0·5	0·5	75		● a. o. most of day. ⊤ 13 h.
22	997·5	996·6	81·7	79·0	85	75	2·3	0·4	8·1	8·8	72	94	20 2	Calm 0	5	2	—	4·2	72		c., with sunny intervals.
23	996·9	1005·7	79·7	79·3	n 82	77	1·0	0·8	8·5	8·5	86	88	2 4	24 1	10	6▷	—	0·5	75		o. most of day.
24	1012·4	1018·0	83·3	79·1	87	73	2·8	0·8	8·5	8·5	68	89	24 4	Calm 0	5	0▷	—	8·3	71		Fine.
25	1018·5	1020·5	84·1	83·6	87	79	2·5	1·5	9·5	10·5	72	82	20 6	20 3	10	2▷	—	0·2	74		o. most of day. ▷ n.
26	1022·1	1023·6	88·2	83·3	93	81	3·4	1·9	11·2	9·5	66	78	20 4	Calm 0	5	0▷	—	7·9	77		Fine.
27	1021·8	1020·0	90·5	86·1	95	78	3·6	1·4	12·9	12·5	65	84	12 1	12 1	3	0▷	—	7·2	74		Fine and warm.
28	1019·2	1018·6	89·9	86·9	x 97	81

ARMAGH, a.c.d.—APRIL 1916.

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 = 0·30 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir.	m/s.	Dir.	m/s.	Tenths of Sky covered.		mm.	hr.	200+	
1	1027·1	1024·4	81·2	80·8	89	77	2·0	2·8	8·1	7·0	75	67	20	4	16	3	9	0	—	9·2	75	Fine.
2	1021·0	1017·6	83·0	79·6	87	73	3·9	1·3	7·0	8·0	n58	82	—	1	16	2	0	0	—	11·4	n 67	Fine.
3	1016·2	1016·6	80·3	77·6	82	77	0·3	1·8	9·7	6·4	96	76	18	3	—	1	10	9	1·6	—	75	o., with drizzling ●.
4	1016·2	1017·9	80·2	76·9	83	74	1·3	1·0	8·3	6·9	82	86	—	1	28	2	9	9	0·9	5·3	72	Fine.
5	1024·0	1025·0	81·2	74·7	85	75	2·1	1·5	7·9	5·2	73	75	32	2	—	1	7	0	—	10·6	71	Fine.
6	1018·9	1012·2	79·3	79·1	84	n 71	2·4	2·2	6·6	6·6	70	71	32	2	16	3	10	10	—	2·5	68	c.
7	1014·9	1019·6	78·4	76·1	82	76	1·1	1·2	7·5	6·3	85	83	—	0	—	1	10	0	—	0·8	75	Mostly o.
8	1017·6	1018·9	79·9	78·7	85	74	1·3	1·6	8·1	7·1	81	79	20	5	24	2	10	9	0·3	1·8	71	c.
9	1022·3	1026·4	81·9	77·8	87	76	2·4	2·0	8·0	6·2	71	72	26	3	—	1	4	0	—	9·9	75	Fine.
10	1021·0	1009·5	80·7	80·9	87	76	0·5	0·5	9·8	9·9	94	94	20	4	20	5	10	10	4·0	0·6	72	c. ● showers *p*.
11	1010·5	1006·4	80·8	79·4	84	75	1·9	1·9	8·1	7·2	77	75	24	3	20	4	2	10	5·7	5·5	74	Fine.
12	994·2	993·2	83·9	78·1	85	78	1·7	1·3	10·3	7·2	79	82	24	3	22	4	10	2	2·7	4·0	78	Fine. ● showers.
13	993·2	1001·0	81·2	76·5	82	76	1·9	0·6	8·2	7·1	77	92	22	3	26	4	8	9	5·0	1·9	76	● showers.
14	1006·4	1012·5	80·1	75·5	84	74	2·4	0·9	7·1	6·2	70	85	24	4	24	2	2	1	0·8	10·0	73	Fine.
15	1020·0	1020·3	81·9	78·7	85	75	2·9	1·7	7·4	7·1	66	78	28	2	—	1	8	9	8·4	6·5	72	Fine.
16	1010·1	1001·0	83·3	81·5	86	79	0·3	0·3	12·0	10·6	96	97	20	4	22	3	10●	10	6·1	—	75	o., with ● showers.
17	993·5	990·2	80·1	78·9	84	79	1·5	0·8	8·0	8·1	80	88	22	5	26	5	10	10●	4·7	1·5	79	Fine *a*. ● showers.
18	995·6	992·5	80·9	78·4	84	79	1·6	0·8	8·3	7·9	79	88	28	5	26	4	10	10	4·1	1·7	79	Fine *a*. ● showers.
19	991·9	992·5	80·9	76·3	83	76	0·8	1·0	9·4	6·5	90	84	—	1	—	1	10	5	1·7	1·0	78	● showers. Fine *p*.
20	994·2	997·6	79·2	78·4	n 81	74	1·3	0·7	7·8	8·0	82	90	2	2	—	1	9	10●	4·6	1·3	71	c.
21	999·0	1000·3	81·6	76·4	85	75	2·0	0·7	8·2	6·9	75	88	—	1	—	1	8	0	—	3·1	72	c.
22	1001·7	1002·7	81·1	78·3	84	75	2·5	0·5	7·4	8·2	70	93	30	2	20	2	8	7	2·0	9·0	72	Very fine *a*. ● showers.
23	1004·7	1006·4	81·4	80·8	85	77	1·7	2·1	8·5	7·8	78	75	20	4	18	4	9	10●	3·5	2·6	76	c., with ● showers.
24	999·6	1007·1	86·2	82·3	89	80	1·5	0·5	12·5	10·8	84	93	18	8	—	1	10	10●	x31·0	1·7	80	c. and very close. ● from 17 h.
25	1014·5	1017·3	78·4	82·1	84	77	0·1	0·0	8·9	11·5	99	99	2	2	—	1	10	10	4·9	—	78	o., with ● showers.
26	1015·9	1014·2	86·7	83·7	89	80	3·2	1·5	10·4	10·5	67	82	14	8	14	4	3	2	—	13·3	78	Very fine.
27	1016·2	1021·7	84·0	83·9	89	x81	1·1	1·1	11·3	11·2	87	86	18	4	—	1	10	10	—	1·7	80	c.
28	1026·4	1026·4	83·3	80·7	89	x81	1·9	0·9	9·6	9·2	78	89	—	1	—	1	10	0	—	7·6	81	Fine.
29	1025·4	1022·3	81·7	82·8	89	79	0·4	1·8	10·6	9·3	95	78	—	1	—	1	10	3	—	8·0	77	Fine.
30	1021·0	1018·9	83·6	79·4	x90	78	1·3	1·1	10·7	8·1	83	84	6	2	—	1	0	0	—	10·2	76	Very fine.
Mean	1011·1	1011·1	81·6	79·2	85·3	76·6	1·6	1·2	8·9	8·0	80	84		3·0		2·2	7·9	5·8	92·0	4·77	74·9	
Mean Pressure at Station Level.	1003·6	1003·6																				

DUBLIN (PHŒNIX PARK), a.c.—APRIL 1916.

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-guage, h_r = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin mean time.

													Dir. (0–12)		Dir. (0–12)							
1	1028·1	1025·4	83·3	73·4	87	71	3·6	0·1	7·4	6·1	n61	98	Calm	0	Calm	0	1	0	—	11·7	67	Beautiful day.
2	1022·7	1018·9	80·2	76·7	86	n 68	1·6	0·9	7·8	6·8	78	87	Calm	0	Calm	0	0	0	—	9·0	n 65	Beautiful day.
3	1017·6	1017·6	82·4	77·4	84	72	2·3	0·0	8·5	8·5	73	99	20	1	Calm	0	7	7	4·0	1·6	69	c., with ●^{2} *p*.
4	1018·3	1021·0	79·7	75·9	83	74	1·3	0·6	8·1	6·8	83	90	24	3	20	2	3	6	1·6	7·9	71	Fine. ● showers *p*.
5	1023·7	1025·4	80·4	71·9	84	71	1·6	0·1	8·1	5·4	79	97	32	3	Calm	0	6	0	—	11·3	72	Beautiful day.
6	1020·3	1013·5	78·3	78·8	84	69	1·5	0·4	7·1	8·8	80	94	Calm	0	Calm	0	5	10	0·1	1·7	n 65	c.
7	1014·9	1020·6	78·4	79·0	82	76	0·2	2·7	8·8	6·1	97	65	Calm	0	Calm	0	10●	5	—	1·5	74	●^{0} *a*. c.
8	1020·3	1020·3	79·8	80·6	84	71	0·2	0·2	9·5	10·2	97	97	20	1	Calm	0	7	8	—	2·0	67	c.
9	1023·7	1026·7	81·8	76·2	86	75	0·4	0·5	10·5	7·1	95	92	24	2	Calm	0	3	0	—	10·5	72	Beautiful day.
10	1023·3	1012·5	82·9	80·7	86	72	1·4	0·4	9·8	9·8	83	95	24	4	20	4	7	10	3·5	2·1	69	c. ● *p*.
11	1012·8	1011·2	79·6	79·7	84	79	1·4	1·2	7·8	8·1	81	83	24	5	20	4	5	7	2·1	6·5	73	● *a*. Fine. ● *p*.
12	997·3	996·9	84·1	80·1	87	80	0·7	1·5	11·9	8·1	92	80	20	4	20	5	9	4	0·8	5·4	79	Fine.
13	996·6	1002·7	80·7	77·1	84	76	1·8	0·3	8·1	7·8	78	96	20	6	20	4	8	4	2·1	4·3	75	c.
14	1008·8	1014·9	80·2	74·0	83	74	1·8	0·7	7·8	5·8	76	86	24	5	28	3	8	6	1·4	10·3	71	Fine. ▲ *p*.
15	1021·0	1021·7	80·6	77·3	84	74	1·9	0·4	7·8	7·8	76	94	28	2	Calm	0	5	8	6·1	4·9	75	Fine.
16	1012·5	1003·0	83·6	83·2	86	77	0·3	0·5	12·2	11·5	97	94	20	4	24	6	10●	9●	3·4	0·1	75	● *a*. o.
17	997·6	994·2	81·9	79·6	84	77	1·1	0·5	9·5	9·1	85	93	24	4	28	8	10●	10●	4·3	3·9	79	c.
18	997·3	995·2	81·4	78·0	84	76	0·6	0·3	10·2	8·5	92	96	28	7	24	8	7	6●	4·6	6·4	77	●^{2} showers *a*. and *p*.
19	992·9	991·9	79·1	73·0	82	72	0·4	0·1	8·8	6·1	94	97	24	2	Calm	0	10●	5	x9·4	0·4	76	●^{2} *a*. and *p*. o.
20	994·6	997·6	79·5	78·6	n81	73	1·2	0·3	8·1	8·8	84	96	Calm	0	Calm	0	8	4	—	1·7	71	c.
21	999·0	1000·0	79·8	77·3	83	74	1·2	0·3	8·1	7·8	84	96	32	2	Calm	0	8	7	1·7	3·3	70	c. ● showers *p*.
22	1002·7	1005·1	79·7	78·4	85	74	1·2	0·5	8·1	8·5	82	92	24	1	Calm	0	7	1	0·8	10·0	70	Fine.
23	1007·1	1009·1	82·4	82·1	87	78	1·3	1·3	9·8	9·5	84	85	20	3	20	4	8	4	1·0	6·2	75	Fine.
24	1003·7	1008·4	86·3	85·1	x90	x81	1·1	0·8	13·2	12·5	87	90	16	6	16	4	9	8●	0·3	3·7	80	c. ● showers *p*.
25	1013·9	1017·6	84·6	84·0	x90	x81	0·7	1·8	12·5	10·2	92	79	16	3	Calm	0	7	4	5·8	1·7	82	c. ●^{2} showers *p*.
26	1015·9	1015·2	86·2	82·9	x90	80	2·1	1·1	11·5	10·5	76	87	16	2	Calm	0	3	0	—	4·3	78	Fine.
27	1017·3	1022·0	85·1	84·4	89	80	1·2	0·5	12·2	12·5	86	94	20	2	Calm	0	8	7	—	1·3	76	c.
28	1025·7	1025·4	82·9	76·8	86	77	0·8	0·5	10·8	7·4	89	93	Calm	0	Calm	0	8	4	—	6·6	81	Beautiful day.
29	1024·4	1022·0	83·9	77·9	88	75	1·0	0·5	11·5	8·1	88	94	4	2	Calm	0	7	0	—	11·7	72	Beautiful day.
30	1020·3	1017·6	82·4	77·6	88	76	0·7	0·4	10·8	8·1	91	95	4	3	Calm	0	6	0	—	11·4	74	
Mean	1012·5	1012·5	81·7	78·6	85·3	75·2	1·2	0·6	9·6	8·4	85	91		2·6		1·7	6·7	4·8	53·0	5·43	73·3	
Mean Pressure at Station Level.	1006·5	1006·5																				

x denotes the maximum and *n* the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
August 24th, 1916.

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1916.

DEERNESS, ORKNEY, a.b.c.—MAY 1916.

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 = 0·30 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean Time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir. m/s.	Dir. m/s.	Tenths of Sky covered.		mm.	hr.	200+	
1	1022·0	1022·7	80·3	78·0	83	77	1·6	0·7	6·0	7·8	78	90	32 6	6 2	7	5	—	11·0		Dull early ; fine later. ⊕ *p*.
2	1017·9	1009·8	79·0	78·2	81	78	1·4	0·2	7·5	8·6	81	97	14 6	22 2	10	10●	4·1	1·0		●^{0} 16 h.–24 h.
3	1004·4	1001·7	79·4	76·7	81	77	1·3	1·1	7·9	6·7	82	85	30 5	24 4	8	1	—	3·3		Fair. [after 17 h.
4	1003·4	1007·8	80·1	78·3	82	n75	2·5	1·1	7·0	7·5	69	85	20 6	30 5	3	5	—	11·5		Fine and bright ; ●^{0} showers
5	1008·1	1008·1	80·6	78·3	82	77	2·2	1·1	7·4	7·5	73	85	30 8	2 7	6	8	—	5·2		●^{0} showers after 19 h.
6	1002·0	999·0	77·8	77·6	n79	76	0·8	1·0	7·4	7·2	88	86	2 10	30 13	10●	10●^{0}	x19·1	—		● till 15 h. ● showers all *p*.
7	1001·0	1002·4	79·3	78·3	81	76	1·4	0·7	7·7	8·1	90	91	26 6	2 2	8	10	16·8	1·5		●^{2} 14 h.–15 h. ● *n*.
8	994·2	1007·8	80·1	76·8	81	77	0·3	0·7	9·7	7·2	96	90	4 7	— 1	10●≡	2	0·3	2·2		● early. ≡ 10 h.–12 h.
9	1008·1	1008·1	79·2	77·7	81	76	1·7	1·6	7·3	6·6	78	79	30 7	28 5	10	7	—	2·0		Dull but fair.
10	1010·8	1014·9	79·6	77·2	82	76	1·9	1·1	7·3	6·9	74	84	26 6	26 2	8	0	—	10·6		Fine and bright.
11	1016·6	1016·2	81·7	78·9	82	76	2·7	0·1	7·5	9·1	69	98	8 3	10 6	0	0	—	15·4		Very fine all day.
12	1014·9	1013·2	80·4	79·8	82	79	1·7	0·6	8·0	9·0	78	92	12 8	12 8	10	8≡^{0}	—	3·4		Dull. ≡^{0} after 13 h.
13	1011·2	1008·4	80·3	79·4	82	80	0·3	0·4	9·7	9·0	96	93	14 7	26 6	10≡^{0}	10●	0·8	1·5		≡^{0} till 13 h. ≡^{2} 18 h.–20 h.
14	1004·0	999·0	82·0	80·0	85	79	1·4	0·7	9·2	9·0	82	90	22 4	— 1	8	7	—	9·8		Fine all day. [then ●.
15	1000·7	1006·4	79·8	77·8	82	78	0·9	1·6	8·7	6·7	88	78	32 7	26 4	10●	1	—	2·4		Dull, ●^{0} *a*. Fair *p*.
16	1008·8	1014·9	81·2	77·9	85	76	1·5	0·6	8·7	7·9	81	92	18 4	30 4	8	9	0·5	1·5		Fair *a*. ●^{0} showers after 18 h.
17	1022·3	1025·0	81·1	78·9	83	77	2·8	1·4	7·2	7·4	n67	82	28 6	12 5	2	10●	—	9·4		Fine and bright. ⊕ *a*. ●^{0}.
18	1028·4	1031·1	79·4	80·4	81	77	0·1	0·2	9·4	10·0	98	98	10 7	12 4	10●^{0}≡	10≡^{2}	0·3	—		●^{0} *a*. ≡^{2} all day. [after 20 h.
19	1030·1	1026·4	80·7	80·6	81	79	0·1	0·0	10·4	10·4	99	100	14 6	12 9	10≡^{2}	10≡^{2}	—	--		≡^{2} all day till 20 h.
20	1019·3	1019·3	80·9	83·4	86	80	0·1	1·4	10·6	10·5	99	83	14 8	24 10	10≡^{2}	2	0·5	2·9		≡^{2} till 13 h. ●^{0} 14 h.–15 h.
21	1021·7	1018·6	84·3	81·7	86	80	1·5	0·7	10·9	10·1	82	91	26 3	10 8	8	10	5·3	2·3		⊕ 7 h. ≡ *n*.
22	1015·6	1016·6	82·2	80·9	86	x81	0·3	0·5	11·0	9·9	96	94	26 0	18 2	10●	6	—	2·5		≡● early, then fair.
23	1013·5	1010·1	82·2	82·3	84	x81	1·1	0·8	9·9	10·5	86	90	14 6	14 3	9	9	0·3	2·0		Fair *a*. o. *p*.
24	1008·8	1010·5	83·8	82·2	85	x81	1·0	0·4	11·3	10·9	88	95	14 7	12 7	5	10≡^{0}	—	10·8		Bright. ≡^{0} after 18 h.
25	1012·5	1010·1	81·8	81·4	83	x81	0·7	0·5	10·3	10·3	91	93	12 8	8 10	10	10	3·8	0·5		Dull *a*. ⊕ 16 h.–18 h. ● *n*.
26	1007·8	1012·2	81·7	81·8	84	x81	0·0	0·7	11·2	10·2	100	91	12 8	— 1	10≡	10	—	0·7		≡^{2} till 11 h.
27	1012·2	1012·5	86·6	81·8	x87	79	2·8	0·3	10·8	10·8	70	96	26 2	8 2	1	2	—	13·4		Very fine all day. ⊕. ≡ *n*.
28	1012·2	1011·8	84·4	81·3	85	x81	2·2	0·6	10·0	10·0	75	93	8 4	28 4	8	10	—	6·0		⊕ *a*. Fine.
29	1015·2	1018·3	83·2	82·7	x87	80	1·2	1·5	10·5	9·7	85	82	22 4	20 2	9	7	—	5·9		Fine all day. ◠^{2} *n*.
30	1018·6	1017·6	81·8	81·7	86	x81	0·2	0·6	10·9	10·3	97	92	14 3	12 4	10≡	10≡	—	6·7		≡ till 10 h. ≡ after 18 h.
31	1014·9	1005·7	84·4	81·7	86	x81	2·7	0·0	9·4	11·2	70	100	22 2	10 9	8	10●	7·6	5·8		Fine *a*. ● after 18 h. ●^{2} 21 h.
Mean	1012·3	1012·5	81·3	79·8	83·3	78·5	1·3	0·7	9·1	8·9	84	90		5·8		4·9	7·9	7·1	59·4	4·88
Mean Pressure at Station Level.	1006·2	1006·4																		

ABERDEEN, a.c.e.—MAY 1916.

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 = 0·61 m. Lat. 57° 10′ N. Long, 2° 6′ W. *Time*, Greenwich mean Time.

1	1022·2	1022·6	81·5	79·7	82	79	3·0	2·1	7·2	7·2	65	73	32 3	8 3	7	10	—	12·2		Fine. Dull *n*.
2	1019·1	1010·9	80·4	78·8	82	79	2·4	1·4	7·2	7·4	70	81	14 4	16 4	10	6	4·0	5·0		Dull to fair.
3	1004·0	1003·7	77·9	78·4	81	77	0·7	1·3	7·7	7·2	89	81	28 4	— 1	10●	4	1·8	1·9		●^{0} *a*. and *p*.
4	1004·5	1007·3	81·0	79·6	83	77	2·9	0·8	6·9	8·7	65	89	24 2	— 1	4	?6	—	8·3		●^{0} shower early. Fair, ⊕ *p*.
5	1007·2	1005·1	80·2	78·4	81	78	2·0	0·8	7·5	7·8	74	88	2 5	2 4	10	10●	x26·6	—		Dull. ●< *n*.
6	1000·5	1000·2	74·0	76·4	n78	n74	0·3	0·5	6·1	7·2	95	92	32 4	28 5	10✻	10●	12·5	—		⚲●^{2}△✻^{2} till 10 h., then q$_{1}$.
7	1001·6	1001·2	77·9	77·5	79	75	0·7	0·4	7·8	7·9	90	94	32 3	30 3	10●	10●	15·1	—		● most of day. [with ●^{0}.
8	997·4	1007·1	78·8	79·2	81	77	1·3	0·6	7·5	8·7	82	92	24 4	4 2	10	10	—	—		● early. Occasional ●^{0}showers.
9	1009·8	1009·0	79·6	78·7	82	76	1·8	1·9	7·4	6·9	76	75	30 4	32 2	10	2	—	5·8		Dull *a*. Cloudy to fair.
10	1012·1	1015·7	80·3	79·2	83	75	3·4	1·5	6·0	7·5	n59	80	28 4	16 2	1	0	—	12·0		Fine.
11	1016·6	1017·1	81·5	79·7	83	75	1·6	1·3	8·7	8·0	79	82	14 3	14 4	2	8	—	14·2		Fine and clear.
12	1015·1	1013·8	79·7	80·1	83	79	0·4	0·5	9·2	9·4	94	93	12 4	12 3	10	10	—	0·5		Dull and cloudy
13	1012·1	1009·4	80·7	81·1	82	80	0·7	0·7	9·4	9·8	90	91	14 3	20 2	10	10●	2·3	—		Dull *a*. Drizzling ●.
14	1005·5	998·9	83·7	81·6	85	78	3·0	0·7	8·4	10·0	66	90	18 2	— 1	5	8	0·6	4·9		Fine to dull. ●^{0}.
15	999·5	1007·9	83·5	81·3	85	80	1·8	1·0	9·9	9·4	78	86	30 7	— 1	6	9	1·6	6·6		Fair. ●^{0} showers.
16	1009·5	1016·0	85·6	83·8	88	79	3·1	3·6	9·7	7·8	67	61	18 3	24 3	6	4	0·2	8·3		●^{0} early. Fair.
17	1024·1	1025·1	82·4	79·6	83	80	3·3	0·5	7·3	9·0	62	93	28 2	14 4	8	10●	6·5	3·7		Fair, with ⊕. Dull noon. ● *p*.
18	1028·2	1031·6	82·1	83·7	87	80	0·9	1·1	10·1	11·0	88	86	10 2	— 1	4	0	—	5·6		●^{0}∞^{0} *a*. c. Fair to fine. ⊕
19	1031·4	1028·1	80·9	81·1	83	80	0·3	0·3	10·1	10·3	96	96	14 3	16 3	10≡^{0}	10≡^{0}	—	—		≡. [18 h.
20	1021·7	1020·8	83·4	83·4	x94	81	1·0	1·0	10·9	10·9	87	87	14 2	— 1	7≡^{0}	0∞	—	7·8		≡^{0} *a*. Fair. ∞^{0} *p*.
21	1022·6	1019·2	86·1	83·0	87	81	2·0	0·6	11·5	11·2	77	92	12 3	14 3	5	10●	6·1	4·3		Fine to fair *a*. ∞^{0}. Dull *p*. ●^{0}
22	1016·0	1018·5	84·2	82·1	87	81	0·6	1·0	12·2	10·0	92	87	— 1	16 2	10≡^{0}●	2	0·5	0·6		●^{0}early. ≡^{0}●^{0}showers *p*. [*n*.
23	1015·4	1012·3	85·6	84·0	88	81	2·8	1·4	9·9	10·8	69	83	16 3

FORT WILLIAM, INVERNESS-SHIRE, a.c.—MAY 1916.

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 = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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.	hrs.	200+	
1	1020·0	1019·3	81·3	82·3	85	79	2·8	2·9	7·2	7·7	67	66	Dir. (0–12) 4 3 Calm 0	Dir. (0–12) 12 2 20 1	10 2	10 ∞	—			Fine and sunny.
2	1016·9	1009·1	81·3	82·3	86	76	2·6	2·3	7·4	8·5	69	72			10	10 ∞	0·5			Dull. c. ∞.
3	1004·4	1003·4	78·9	78·6	84	76	1·7	1·7	7·1	7·9	77	78	20 1	4 3	8	9	4·3			Dull, ●. ▲ showers.
4	1003·0	1006·1	81·3	80·1	86	75	1·7	2·5	8·6	7·0	79	69	4 4	20 3	3	1	—			Fair to fine generally; ● showers.
5	1006·8	1005·1	79·2	78·6	82	78	1·4	1·7	7·6	7·0	81	78	4 4	4 5	10● 0	10● 0	10·2			Bleak. ● showers.
6	1001·7	1002·4	76·9	76·9	n 79	76	1·1	0·9	6·7	7·0	84	86	4 5	4 4	10●	10●	1·8			Bleak ; showery ; ✻ on hills.
7	1002·4	1001·3	78·2	78·5	80	75	1·9	1·8	6·5	6·9	74	77	4 4	8 2	10● 0	10● 0	2·3			Bleak ; showery ; ✻ on hills.
8	1000·0	1007·8	79·0	80·1	83	76	1·2	2·9	7·8	6·4	84	64	Calm 0	Calm 0	10	6	0·2			Fair to fine generally.
9	1008·4	1009·1	80·1	80·3	85	n 74	3·2	3·1	6·2	6·4	61	63	4 3	24 2	8	10	1·3			Fine and sunny.
10	1012·5	1013·5	79·7	78·0	87	n 74	1·8	1·9	7·4	6·4	76	74	20 2	20 1	3	1	—			Fine, clear, and sunny.
11	1013·2	1011·8	83·0	84·7	88	75	3·9	3·7	7·1	8·3	n 58	61	12 1	16 4	8	10 ∞	—			Fair, but dull. ∞ n. [after 17 h.
12	1011·2	1010·8	85·2	82·4	88	82	2·5	0·3	10·1	11·4	72	97	24 1	20 1	10	10● 0 ≡	4·1			Dull and lowering ; ●, ≡ ½
13	1010·8	1010·5	80·8	80·7	83	80	0·4	1·0	9·9	9·0	95	87	20 2	20 1	10● 0	10	3·8			Dull ; occasional ● showers.
14	1004·0	999·0	81·3	82·3	85	79	0·6	0·6	10·1	10·7	93	92	20 2	24 2	10●	10	8·1			● most of day ; fair after 17 h.
15	1001·7	1009·5	83·3	81·3	88	80	2·5	0·8	8·8	9·8	71	96	28 3	20 2	8	10● 0	4·8			Showery ; short sunny intervals.
16	1011·2	1018·6	85·1	82·3	89	81	2·1	2·1	10·6	8·7	75	74	20 3	20 3	9	10	—			Alternate sun and cloud ; ● showers.
17	1023·3	1023·3	82·3	83·1	84	78	2·0	0·1	8·8	12·2	75	99	Calm 0	20 2	10	10● 0 ≡ 0	6·9			Dull. ●, ≡ 0 after 11 h.
18	1028·4	1028·8	85·2	88·0	92	82	0·7	2·3	13·0	12·7	92	75	20 2	16 1	10	0	—			Fine, clear and sunny p. [sunny.
19	1028·4	1023·7	89·7	88·6	x 98	81	2·7	2·8	13·7	12·5	73	71	Calm 0	Calm 0	0	1	—			Very fine and sunny. [then
20	1018·9	1022·3	90·2	84·1	93	x 84	3·2	1·0	13·3	11·5	68	87	20 1	20 2	6 ∞	10	1·0			Dull. ●0 till 15 h.
21	1021·3	1015·6	85·8	88·1	92	82	2·0	2·9	11·4	12·0	77	70	Calm 0	16 3	4	10	4·3			Dull and lowering ; occasional sunshine.
22	1017·6	1018·9	85·1	82·4	88	82	2·1	1·2	10·6	10·0	75	85	20 3	20 3	9	7	1·0			Alternate sun and cloud.
23	1013·9	1010·8	82·7	83·0	84	81	0·3	0·1	11·5	12·1	96	99	20 3	20 3	10●	10● 0 ≡	7·9			Dull with ●0, ≡ 0.
24	1006·4	1007·8	85·8	82·3	87	82	3·3	1·1	9·5	10·0	65	86	20 2	Calm 0	10	7	0·2			Dull and occasional showers.
25	1006·1	1002·4	87·4	83·0	88	81	3·9	1·2	10·0	10·3	61	85	28 3	4 5	10	10● 0	1·3			Unsettled, q. ● after 17 h.
26	1006·4	1010·8	83·6	80·8	87	80	2·4	0·6	9·1	9·7	72	92	20 4	Calm 0	10● 0	3	1·3			Mostly dull ; occasional ● showers.
27	1012·5	1010·8	85·2	82·3	92	76	2·4	0·9	10·3	10·2	73	88	24 1	20 1	10	7	0·2			Fine and sunny. T 19 h.
28	1010·8	1012·8	84·7	82·0	89	80	1·7	1·3	10·9	9·4	80	84	Calm 0	20 2	9	3	0·2			Generally fine and sunny.
29	1016·2	1018·3	85·1	81·8	91	76	2·6	1·6	9·8	9·0	70	80	20 2	16 2	4	2	0·8			Fine, sunny ; ● showers 19 h.–20 h.
30	1018·9	1017·9	83·8	81·9	90	77	1·6	0·7	10·4	10·3	81	91	20 3	Calm 0	7	8	2·5			Fine, clear and sunny ; evening showers.
31	1014·5	1005·4	83·4	83·7	85	79	0·9	0·1	11·0	12·5	88	99	Calm 0	20 4	10● 0	10● 0	x 39·4			Dull. ●, ≡ 0 after 11 h.
Mean	1012·0	1011·8	83·1	82·1	87·0	78·6	2·0	1·6	9·4	9·4	76	81	1·9	2·1	8·3	7·3	108·4			
Mean Pressure at Station Level.	1010·5	1010·3																		

DOUGLAS, ISLE OF MAN, a.—MAY 1916.

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 = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local 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.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	
1	1017·6	1017·9	84·7	80·8	87	80	2·8	1·1	9·5	9·1	69	86	6 3	8 3	0 ∞	6	—	11·8	77	☂ ∞.	Fine.
2	1016·9	1010·5	80·2	83·6	86	80	1·6	2·8	7·8	8·8	78	68	10 2	6 2	10●	10	2·5	4·9	79	o. to fine.	
3	1006·1	1006·4	80·2	79·8	85	80	0·1	1·0	9·8	8·5	98	87	28 2	24 1	10	4	—	7·6	77	o. to fine. ☂	
4	1006·4	1000·7	81·9	78·8	84	77	2·2	0·5	8·1	8·5	73	92	24 1	4 1	8	10●	4·8	3·8	75	☂ c. to o. ● 18 h.	
5	1001·3	997·3	78·6	78·3	80	78	0·0	0·3	9·1	8·5	100	96	6 3	4 6	10●	10●	18·8	—	77	Continuous ●.	
6	994·9	995·6	78·6	78·3	n 79	78	0·6	0·3	8·5	8·5	92	96	6 5	6 6	10●	10●	16·5	—	77	o., with frequent ● showers.	
7	996·3	997·3	77·7	77·7	81	77	0·3	0·3	8·1	8·1	96	96	4 5	32 4	10●	10●	x 21·1	—	77	o. q.	
8	999·3	1008·4	78·7	77·4	82	77	0·8	0·5	8·1	7·8	89	92	28 6	28 1	10	0	—	7·4	76	●2 a. o. q. Fine after 11 h.	
9	1007·8	1010·8	79·7	76·9	81	n 75	1·1	0·6	8·1	7·4	84	92	32 1	30 1	10	0	—	4·0	n 72	⌣ early. c.	
10	1014·9	1015·9	80·8	80·2	83	n 75	2·2	0·8	7·8	8·8	73	89	26 1	16 1	8	8	2·3	11·0	n 72	⌣ early. Fine.	
11	1014·9	1014·2	80·2	81·3	82	79	0·0	0·0	10·2	10·8	100	100	12 3	14 2	10	10	12·7	—	77	o. ●≡2.	
12	1012·5	1011·5	81·1	81·1	82	81	0·0	0·0	10·8	10·8	100	100	12 2	30 1	10≡●	8	10·4	—	81	o. ●. ≡2 before 18 h. ● 15 h.	
13	1012·2	1013·5	82·4	79·9	84	80	1·6	0·2	9·5	9·5	79	96	24 2	28 1	6	4	0·8	5·8	80	c. a. Dull afternoon.	
14	1009·1	1003·7	80·8	84·4	85	80	0·6	0·3	9·8	12·9	93	96	18 3	22 3	10●	10●	3·1	—	78	●. o. with ● showers.	
15	1006·8	1013·9	83·0	82·2	86	81	1·7	1·4	9·8	9·5	80	82	26 5	24 1	4	7 ☂	—	10·5	81	Fine.	
16	1015·6	1021·3	82·3	82·4	89	81	0·4	0·6	11·2	10·8	94	92	20 2	30 1	10	4 ☂	0·5	9·8	79	☂ a. Fine.	
17	1024·4	1026·7	81·3	81·4	85	81	0·0	0·0	10·8	11·2	100	100	20 2	18 1	10≡	10≡	—	0·8	79	c. to o. ≡2 after 20 h.	
18	1030·1	1029·8	81·9	88·0	92	81	0·3	1·7	10·8	13·9	97	82	10 2	Calm 0	10≡	4 ☂	—	8·6	79	≡2 a. Fine after 11 h.	
19	1029·4	1025·4	90·5	89·4	x 95	84	2·5	3·1	14·9	12·9	74	69	12 1	Calm 0	0 ∞	0 ☂	—	14·0	81	Very fine.	
20	1022·7	1023·7	89·1	86·1	92	x 85	2·5	0·9	13·2	13·5	74	90	16 1	Calm 0	3	4 ☂	—	11·5	82	Very fine	
21	1022·0	1018·9	83·0	83·0	90	81	0·4	0·0	11·5	12·2	95	100	10 1	20 1	10≡	10●	0·8	1·4	81	≡2 a. o. to c. T.	
22	1021·0	1021·7	84·4	83·8	89	82	1·8	1·4	10·5	10·8	79	83	26 4	24 1	4	8	—	10·6	83	Fine.	
23	1018·9	1014·9	84·4	81·9	85	82	1·4	0·0	11·2	11·5	83	100	20 2	18 3	8	10	1·0	4·6	80	c. to o. ●0 p.	
24	1009·8	1006·8	83·6	83·8	86	81	1·7	1·5	10·2	10·5	80	82	16 2	6 1	10	10	16·0	5·0	81	c.	
25	1002·4	1004·4	82·4	81·1	85	81	0·0	0·9	11·9	9·5	100	89	8 4	22 3	10●	8	20·3	2·8	82	●2 a. o. q. K ●2 a.	
26	1010·8	1012·8	83·0	81·3	85	78	1·0	0·5	10·5	10·2	87	93	20 2	14 1	5	0 ☂	—	14·7	76	Very fine.	
27	1012·5	1011·5	84·4	82·4	89	80	1·2	0·2	11·5	11·5	85	97	8 1	32 1	7	10	0·8	5·6	77	c. ●0 p.	
28	1011·8	1014·5	85·8	81·6	89	81	2·0	1·1	11·5	9·5	78	86	16 1	30 1	4	2 ☂	—	11·6	80	Very fine.	
29	1017·6	1020·0	85·9	82·4	89	79	2·6	1·6	10·5	9·5	72	79	14 1	30 2	6	0	—	15·3	77	a. Very fine.	
30	1020·3	1020·0	86·3	83·0	88	79	3·3	0·8	10·2	10·8	n 65	90	10 1	26 1	4	8	—	13·5	77	a. Very fine.	
31	1018·6	1014·9	83·0	83·0	84	81	0·6	0·0	11·2	12·2	93	100	16 2	20 3	10●	10●	16·5	0·3	79	Continuous ● a. c.	
Mean	1013·1	1013·1	82·6	81·8	85·7	79·9	1·2	0·8	10·3	10·3	86	90	2·4	1·7	7·6	6·6	148·9	6·35	78·4		
Mean Pressure at Station Level.	1002·6	1002·6																			

x denotes the maximum and n the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

SHREWSBURY, SHROPSHIRE.—MAY 1916.

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 = 0·30 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Air Pressure at Mean Sea Level. 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	1015·7	84·4	81·4	89	77	2·5	1·2	9·6	9·2	71	85	Dir. (0–12) 6 2	Dir. (0–12) 2 3	2 1	—			7 2	Fine. Slight misty ● 17 h. 30 m.
2	1015·6	1011·5	81·9	79·7	85	79	1·7	0·6	8·9	9·0	79	92	8 2	12 1	9	9	—		76	o. most of day.
3	1007·5	1006·2	82·4	81·3	86	78	1·3	1·1	9·7	9·3	83	86	12 1	12 1	8	6	—		78	Fine and mild.
4	1005·4	1001·0	80·2	79·7	82	77	0·5	0·0	9·3	9·8	92	100	20 1	20 1	10●0	10	11·2		76	● most of day.
5	998·6	995·3	81·3	80·2	86	79	0·5	2·2	10·1	7·2	93	72	4 1	4 2	10	10	7·9		79	● all day.
6	993·7	994·0	81·3	83·0	87	80	0·0	1·1	10·9	10·5	100	86	8 2	20 3	10	6	2·9		79	o. ● at times.
7	995·6	996·2	83·0	79·9	85	80	1·4	0·2	10·1	9·5	83	96	12 4	12 2	9	10	2·0		79	Dull, with occasional ●.
8	1000·8	1008·0	80·8	78·6	84	77	1·4	0·6	8·7	8·3	83	92	26 3	28 1	9●	2	3·3		76	Slight misty ●. Cold wind.
9	1006·3	1008·1	76·6	79·1	n 80	n 73	0·3	0·5	7·5	8·7	96	92	8 2	30 3	10●	8	4·7		n 71	● a. and during day.
10	1012·8	1015·9	84·1	81·3	86	75	1·7	0·0	10·5	10·9	80	100	28 1	28 1	3	8	0·3		72	Fine a., then dull.
11	1015·5	1014·5	82·7	84·1	87	79	0·4	0·0	11·4	13·2	95	100	20 1	20 1	9	7	0·3		76	c.
12	1014·2	1010·9	84·7	83·6	86	77	0·8	0·0	12·3	12·6	90	100	20 1	20 1	9	10	6·7		74	Occasional ●.
13	1012·5	1012·6	84·1	82·4	87	80	2·1	0·2	9·9	11·4	75	97	24 1	20 3	4	8	0·3		79	Fine.
14	1011·9	1004·9	83·3	84·9	86	80	0·9	0·0	11·1	13·9	89	100	20 2	20 3	9	9	0·5		77	Dull, with a few ● showers.
15	1005·8	1014·1	85·5	82·7	89	82	0·3	0·0	13·9	12·1	96	100	28 3	30 2	8	1	0·7		79	●0 showers.
16	1016·3	1020·1	83·2	84·1	89	80	0·2	0·0	12·1	13·2	98	100	18 1	26 1	10	6	0·4		76	Dull.
17	1024·6	1026·3	88·0	88·0	96	77	1·7	0·0	13·7	16·9	82	100	22 1	18 1	0	2	—		75	Fine.
18	1029·1	1028·2	91·7	90·5	98	80	1·5	0·0	18·0	19·8	84	100	22 1	18 1	0	3	—		76	Fine.
19	1029·4	1026·0	93·7	90·8	98	x 84	0·1	0·0	23·8	20·2	98	100	16 1	20 1	1	0	—		80	Fine and warm.
20	1023·4	1022·9	92·7	89·1	x 100	x 84	0·3	0·0	22·1	18·1	98	100	16 2	20 1	4	5	—		79	Fine, with ∞.
21	1021·1	1018·7	93·0	92·7	99	x 84	1·2	0·0	20·3	22·8	87	100	20 1	20 1	3	8	—		81	Fine.
22	1020·0	1021·9	86·3	86·9	93	x 84	0·0	0·0	15·2	15·8	100	100	26 3	28 2	10	10	—		84	o.
23	1020·8	1015·7	87·4	83·3	93	82	0·0	0·0	16·4	12·5	100	100	26 2	26 1	8	2	—		80	c.
24	1011·3	1005·6	86·1	85·8	92	79	0·1	0·6	14·8	13·6	99	93	26 2	Calm 0	9	10	x 11·6		75	o. ●2 at times.
25	1000·6	1006·0	84·9	82·2	89	82	0·2	1·4	13·4	9·5	96	82	12 2	20 2	10●	8	2·0		80	o., with ● showers.
26	1011·6	1012·0	86·9	83·0	88	76	3·1	0·6	10·7	11·3	n 68	93	20 3	20 1	4	8	5·6		75	Fine, then frequent ● showers.
27	1010·8	1010·3	88·7	84·7	92	76	2·9	0·0	12·4	13·6	70	100	20 2	20 1	4	3	—		75	Fine.
28	1011·2	1012·9	87·2	84·1	92	77	0·6	0·0	14·9	13·2	93	100	Calm 0	20 1	2	5	—		75	Fine.
29	1016·4	1018·1	86·9	83·8	92	77	2·4	0·0	11·6	12·9	74	100	20 1	20 1	1	7	—		75	Fine.
30	1018·8	1019·6	88·6	84·1	92	81	0·3	0·0	17·0	13·2	97	100	20 2	20 2	1	2	—		79	Fine and warm.
31	1020·4	1019·1	89·1	86·9	91	80	0·0	0·0	18·1	15·8	100	100	20 2	20 3	7	10	—		77	Fine.
Mean	1012·8	1012·6	85·5	83·9	89·7	79·2	1·0	0·3	13·2	12·8	89	96	1·7	1·5	6·2	6·3	60·4		76·9	
Mean Pressure at Station Level.	1005·1	1004·9																		

CAMBRIDGE,* a.—MAY 1916.

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 = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local 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.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	
1	1014·1	1015·6	87·6	81·3	90	79	2·8	0·6	11·9	9·8	71	92	4 4	8 3	5	10	3·8	8·3	76	Fine.
2	1014·2	1010·1	83·0	80·8	84	80	1·7	0·1	9·8	10·5	80	99	4 3	4 1	9	10●	5·1	—	78	o., with ●.
3	1007·9	1007·2	80·8	81·9	88	79	0·6	0·0	9·8	11·2	93	99	24 1	Calm 0	10	0	—	0·3	79	● early. o. most of day.
4	1004·5	999·0	86·5	85·2	93	79	1·9	0·4	12·2	13·2	78	94	8 2	32 1	10●	8	—	1·5	74	o. most of day.
5	997·3	994·0	85·8	81·0	90	81	0·9	0·0	13·2	10·8	87	100	32 2	32 3	10	10●	—	0·4	81	o. most of day.
6	994·8	998·2	86·2	86·6	91	81	1·3	2·2	12·9	11·9	86	75	20 2	18 3	10	10	—	3·0	80	● early. o., with sunny intervals.
7	1000·3	999·1	86·3	79·7	87	79	3·0	0·5	10·5	9·1	68	94	18 5	20 3	10	0	3·8	2·2	77	● 10 h. 30 m.–16 h. Sunny 17 h.–
8	1001·8	1009·7	79·3	79·7	n 81	79	0·6	0·7	8·8	8·8	92	90	24 4	20 2	10	10	3·6	—	74	o., with ● most of day. [19 h.
9	1008·2	1007·5	81·7	78·8	85	n 75	0·8	0·5	10·2	8·5	90	92	14 3	24 2	10●	10	3·8	0·1	n 71	o., with ● most of day. T after-
10	1014·9	1017·2	83·6	79·1	88	76	2·9	0·3	8·5	9·1	67	96	28 4	Calm 0	3	9	—	8·7	n 71	Fine till 13 h., then o. [noon
11	1017·9	1016·9	84·4	84·5	91	79	2·0	0·9	10·2	11·9	77	88	18 3	16 2	9	10	1·5	0·5	75	o. most of day.
12	1015·3	1012·2	86·6	85·8	90	84	1·7	0·5	12·5	13·9	80	94	16 3	20 1	5	9●	x 8·9	0·6	82	o. most of day.
13	1009·9	1011·5	84·3	80·8	86	81	0·2	0·5	12·9	9·8	98	94	20 1	28 3	10●	10	4·3	—	80	● n. and most of day.
14	1010·9	1008·1	85·5	83·6	87	79	1·5	0·3	11·9	12·2	82	97	26 3	24 4	9	10	1·8	3·6	76	Sunny intervals a., then o.
15	1004·2	1014·8	88·6	82·0	90	81	1·4	1·3	14·9	9·5	85	84	28 6	Calm 0	5	—	—	8·3	82	Fine.
16	1018·8	1020·6	86·4	82·9	88	77	2·6	0·2	11·2	11·9	72	97	20 3	20 1	10	1·0	—	—	74	o.
17	1026·2	1027·1	87·4	84·7	95	79	3·3	0·3	10·8	13·2	66	97	18 1	24 1	1	—	10·7	75	≡ early. Fine.	
18	1030·4	1031·2	92·6	87·5	97	80	3·4	1·1	15·6	14·2	68	87	8 3	16 2	0	—	11·8	76	Fine.	
19	1031·4	1028·8	91·1	85·8	95	82	3·5	1·7	13·9	11·9	67	81	10 3	16 2	2	—	12·8	78	Fine.	
20	1026·7	1024·3	93·0	89·8	99	80	3·3	2·3	15·9	14·6	68	76	16 3	18 2	0	—	13·0	76	Beautiful warm day.	
21	8 h.	20 h.	8 h.	20 h.	8 h.		20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.					
22	1022·8	1019·9	94·3	93·4	x 101	82	4·1	3·2	15·9	16·6	n 64	69	12 2	20 2	1	—	13·5	79	Beautiful warm day.	
23	1018·9	1022·0	91·8	84·4	94	x 85	2·0	1·8	17·3	10·5	80	78	26 3	28 2	8	1	3·8	2·2	82	Sunny a., then o., with ● most
24	1021·7	1017·3	88·6	84·1	92	79	3·3	0·3	11·9	12·5	67	96	24 3	Calm 0	3	3	—	7·7	76	Sunny. Bright n. [of day.
25	1013·2	1008·6	88·5	86·4	92	81	2·7	1·2	12·5	13·2	71	85	12 4	12 3	3	—	9

ARMAGH, a.c.d.—MAY 1916.

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 = 0·30 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir. m/s.	Dir. m/s.	Tenths of Sky covered.		mm.	hr.	200+	
1	1017·6	1016·2	81·1	81·3	87	77	0·9	1·2	9·4	9·1	88	85	— 1	— 1	10	0	—	8·7	75	Very fine.
2	1015·2	1009·5	82·8	82·4	87	78	2·2	2·0	8·8	8·8	73	75	12 3	— 0	7	10	9·2	7·2	76	Very fine.
3	1007·4	1006·4	82·0	80·5	86	80	2·4	2·0	8·1	7·8	71	74	Calm 0	Calm 0	8	10	—	7·4	80	Very fine.
4	1006·1	1003·7	82·2	78·9	87	n 73	3·4	1·0	7·1	8·1	n61	87	Calm 0	Calm 0	7	9	—	7·6	75	Very fine.
5	1000·7	995·9	79·3	78·7	80	78	0·2	0·3	9·1	8·8	97	96	28 1	4 4	10	10●	x40·7	—	76	o. ● from 14 h.
6	992·9	994·9	79·2	78·6	80	79	0·3	0·2	9·1	8·8	97	97	4 4	4 5	10●	10●	16·6	—	77	● most of day.
7	996·6	1002·0	76·9	75·6	n79	75	0·2	0·4	7·8	6·8	97	94	4 4	32 6	10●	10●	5·2	—	77	Drizzling ● most of day.
8	1004·7	1008·4	80·7	77·9	85	75	2·1	0·6	7·8	7·8	74	91	28 3	Calm 0	8	7	3·5	4·7	76	● showers. Fine intervals.
9	1007·8	1011·8	82·1	80·7	85	77	2·8	1·9	7·8	8·1	67	77	28 1	Calm 0	3	9	—	8·3	76	Fine.
10	1015·2	1013·2	80·8	81·5	85	75	2·2	1·3	7·8	9·1	73	83	Calm 0	12 3	7	9	1·1	8·2	73	Fine. ● p.
11	1012·5	1011·8	83·9	83·9	89	77	1·5	1·0	10·5	11·5	81	88	Calm 0	Calm 0	10●	8	2·0	2·0	74	●^{0} a. c. ● showers p.
12	1010·1	1013·5	85·0	77·9	85	78	1·5	0·5	11·5	8·1	81	92	Calm 0	Calm 0	10●	3	4·1	0·3	82	●^{0} a. o. ● p.
13	1012·5	1013·9	83·2	81·8	86	76	2·6	1·0	8·5	9·8	70	88	Calm 0	Calm 0	6	2	2·5	2·7	72	c. ●^{2} showers p.
14	1008·1	1003·7	83·7	85·3	87	80	0·9	0·5	11·5	13·5	89	94	20 4	20 6	10	10●	2·5	—	79	●^{2} a. o. ● showers p.
15	1009·5	1014·9	84·3	83·8	88	82	0·2	1·6	12·9	10·5	96	80	24 5	Calm 0	10	7	0·5	9·4	81	●^{0} a. Fine.
16	1015·6	1020·0	84·1	81·9	91	82	1·1	0·4	11·5	10·8	87	94	Calm 0	Calm 0	9	6	—	7·5	80	Fine.
17	1023·0	1026·4	88·7	83·9	94	82	2·2	0·3	13·5	12·5	77	96	20 2	Calm 0	8	4	—	5·3	79	Fine.
18	1028·4	1028·4	87·9	82·5	94	80	1·1	0·6	14·9	10·8	87	92	Calm 0	Calm 0	0	2	—	12·8	77	Beautiful day.
19	1027·4	1023·7	91·8	89·6	x97	80	3·4	2·3	14·6	14·2	69	76	8 1	12 2	4	1	—	12·9	77	Beautiful day.
20	1022·0	1023·7	89·2	84·1	95	x84	1·6	0·5	14·9	12·2	82	93	Calm 0	Calm 0	8	2	—	8·0	82	Fine.
21	1020·0	1017·9	85·1	85·9	89	81	0·8	0·6	12·5	13·9	89	93	Calm 0	Calm 0	8	9●	1·4	0·1	77	o. ● showers p.
22	1023·0	1023·3	86·0	83·9	90	82	2·6	1·5	10·8	10·5	72	82	20 3	Calm 0	4	5	—	9·1	80	Fine.
23	1017·6	1011·8	85·9	84·7	88	81	3·0	1·5	10·2	11·2	69	82	16 2	Calm 0	8	9	—	0·1	81	o.
24	1007·1	1005·7	84·5	83·4	89	82	1·4	0·4	11·2	11·9	83	95	16 1	Calm 0	9	10●	6·5	1·8	82	c. ● p.
25	1002·4	1006·1	82·4	81·4	84	79	0·1	1·8	11·5	8·5	99	77	Calm 0	Calm 0	10●	5	3·4	—	81	o., with ●^{0} a. and p.
26	1010·1	1011·5	85·8	82·3	88	77	3·0	0·5	9·8	10·8	67	94	12 2	Calm 0	6	9	1·6	8·8	73	Fine. ● showers p.
27	1011·5	1011·2	83·3	80·9	84	81	0·8	0·1	11·2	10·5	90	98	Calm 0	Calm 0	10●	4	2·1	0·8	80	o., with ●^{0} showers p.
28	1012·5	1014·9	85·1	82·4	89	76	1·4	0·1	11·9	11·5	83	99	Calm 0	Calm 0	3	10●	1·8	7·2	74	Fine. ●^{0} p.
29	1017·9	1020·0	85·2	80·7	89	79	2·1	0·1	10·5	10·2	76	99	20 2	Calm 0	6	3	—	9·7	77	Fine.
30	1020·6	1020·6	86·8	83·6	89	77	3·0	1·3	10·8	10·8	68	83	Calm 0	Calm 0	7	8	—	8·9	73	Fine.
31	1016·6	1014·2	86·4	86·1	89	81	1·4	1·0	12·9	13·2	84	88	20 4	20 6	9	9●	1·5	0·1	78	o. ● showers p.
Mean	1012·0	1012·2	84·1	82·2	87·2	79·1	2·0	1·3	10·4	9·9	78	85	2·2	1·6	7·9	8·1	157·1	4·84	78·1	
Mean Pressure at Station Level.	1004·6	1004·7																		

DUBLIN (PHŒNIX PARK), a.c.—MAY 1916.

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-guage, h_r = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin 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.	Dir. (0–12) 9 h.	Dir. (0–12) 21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	Remarks.
1	1016·2	1014·9	84·3	83·5	88	75	1·4	1·1	11·2	10·8	83	87	4 2	4 2	0	0	—	11·4	72	Beautiful day.
2	1014·5	1009·5	81·3	80·2	86	79	1·1	0·6	9·1	9·5	86	93	Calm 0	Calm 0	8●	10	1·8	6·4	76	● showers a. Fine.
3	1007·4	1006·4	82·0	80·5	86	80	2·4	2·0	8·1	7·8	71	74	Calm 0	Calm 0	5	1	—	8·8	79	Fine.
4	1006·1	1003·7	82·2	78·9	87	n 73	3·4	1·0	7·1	8·1	n61	87	28 1	Calm 0	4	10●	2·7	5·4	n 70	c. ● p.
5	1000·7	995·9	79·3	78·7	80	78	0·2	0·3	9·1	8·8	97	96	28 1	4 4	10●	10●	x37·2	—	78	o., with ●^{2} a and p.
6	992·9	994·9	79·2	78·6	80	79	0·3	0·2	9·1	8·8	97	97	4 4	4 5	10●	10●	18·4	—	78	o., with ● a. and p.
7	996·6	1002·0	76·9	75·6	n79	75	0·2	0·4	7·8	6·8	97	94	4 4	32 6	10●	10●	15·9	—	76	o., with ● a. and p.
8	1004·7	1008·4	80·7	77·9	85	75	2·1	0·6	7·8	7·8	74	91	28 3	Calm 0	8	7	—	7·2	75	Fine.
9	1007·8	1011·8	82·1	80·7	85	77	2·8	1·9	7·8	8·1	67	77	28 1	Calm 0	3	9	—	8·3	76	Fine.
10	1015·2	1013·2	80·8	81·5	85	75	2·2	1·3	7·8	9·1	73	83	Calm 0	12 3	7	9	1·1	8·2	73	Fine. ● p.
11	1012·5	1011·8	83·9	83·9	89	77	1·5	1·0	10·5	11·5	81	88	Calm 0	Calm 0	10●	8	2·0	2·0	74	●^{0} a. c. ● showers p.
12	1010·1	1013·5	85·0	77·9	85	78	1·5	0·5	11·5	8·1	81	92	Calm 0	Calm 0	10●	3	4·1	0·3	82	●^{0} a. o. ● p.
13	1012·5	1013·9	83·2	81·8	86	76	2·6	1·0	8·5	9·8	70	88	Calm 0	Calm 0	6	2	2·5	2·7	72	c. ●^{2} showers p.
14	1008·1	1003·7	83·7	85·3	87	80	0·9	0·5	11·5	13·5	89	94	20 4	20 6	10	10●	2·5	—	79	●^{2} a. o. ● showers p.
15	1009·5	1014·9	84·3	83·8	88	82	0·2	1·6	12·9	10·5	96	80	24 5	Calm 0	10	7	0·5	9·4	81	●^{0} a. Fine.
16	1015·6	1020·0	84·1	81·9	91	82	1·1	0·4	11·5	10·8	87	94	Calm 0	Calm 0	9	6	—	7·5	80	Fine.
17	1023·0	1026·4	88·7	83·9	94	82	2·2	0·3	13·5	12·5	77	96	20 2	Calm 0	8	4	—	5·3	79	Fine.
18	1028·4	1028·4	87·9	82·5	94	80	1·1	0·6	14·9	10·8	87	92	Calm 0	Calm 0	0	2	—	12·8	77	Beautiful day.
19	1027·4	1023·7	91·8	89·6	x97	80	3·4	2·3	14·6	14·2	69	76	8 1	12 2	4	1	—	12·9	77	Beautiful day.
20	1022·0	1023·7	89·2	84·1	95	x84	1·6	0·5	14·9	12·2	82	93	Calm 0	Calm 0	8	2	—	8·0	82	Fine.
21	1020·0	1017·9	85·1	85·9	89	81	0·8	0·6	12·5	13·9	89	93	Calm 0	Calm 0	8	9●	1·4	0·1	77	o. ● showers p.
22	1023·0	1023·3	86·0	83·9	90	82	2·6	1·5	10·8	10·5	72	82	20 3	Calm 0	4	5	—	9·1	80	Fine.
23	1017·6	1011·8	85·9	84·7	88	81	3·0	1·5	10·2	11·2	69	82	16 2	Calm 0	8	9	—	0·1	81	o.
24	1007·1	1005·7	84·5	83·4	89	82	1·4	0·4	11·2	11·9	83	95	16 1	Calm 0	9	10●	6·5	1·8	82	c. ● p.
25	1002·4	1006·1	82·4	81·4	84	79	0·1	1·8	11·5	8·5	99	77	Calm 0	Calm 0	10●	5	3·4	—	81	o., with ●^{0} a. and p.
26	1010·1	1011·5	85·8	82·3	88	77	3·0	0·5	9·8	10·8	67	94	12 2	Calm 0	6	9	1·6	8·8	73	Fine. ● showers p.
27	1011·5	1011·2	83·3	80·9	84	81	0·8	0·1	11·2	10·5	90	98	Calm 0	Calm 0	10●	4	2·1	0·8	80	o., with ●^{0} showers p.
28	1012·5	1014·9	85·1	82·4	89	76	1·4	0·1	11·9	11·5	83	99	Calm 0	Calm 0	3	10●	1·8	7·2	74	Fine. ●^{0} p.
29	1017·9	1020·0	85·2	80·7	89	79	2·1	0·1	10·5	10·2	76	99	20 2	Calm 0	6	3	—	9·7	77	Fine.
30	1020·6	1020·6	86·8	83·6	89	77	3·0	1·3	10·8	10·8	68	83	Calm 0	Calm 0	7	8	—	8·9	73	Fine.
31	1016·6	1014·2	86·4	86·1	89	81	1·4	1·0	12·9	13·2	84	88	20 4	20 6	9	9●	1·5	0·1	78	o. ● showers p.
Mean	1012·6	1012·8	84·1	82·2	87·7	78·8	1·7	0·9	10·7	10·4	81	89	1·4	1·1	7·1	6·5	107·0	5·26	77·2	
Mean Pressure at Station Level.	1006·8	1007·0																		

x denotes the maximum and n the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
September 8th, 1916.

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1916.

DEERNESS, ORKNEY, a.b.c.—JUNE 1916.

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 = 0·30 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean Time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir. m/s.	Dir. m/s.	Tenths of Sky covered.		mm.	hr.	200+	
1	997·6	1002·0	84·3	81·0	86	81	0·9	1·0	11·9	9·2	90	87	20 7	28 8	9	9	0·8	2·0	No record.	Dull ●^{0} showers.
2	1004·4	1009·1	80·6	78·5	82	79	1·7	1·3	8·1	7·4	79	84	26 13	28 12	5	10●^{0}	1·0	6·1		●^{0} showers.
3	1011·5	1007·8	80·0	79·6	84	n77	1·2	1·2	8·3	8·1	83	83	28 6	16 5	6●^{0}	10	0·3	7·1		●^{0} showers a ; fair p.
4	995·2	989·1	83·3	80·4	84	80	1·6	0·3	10·1	9·8	81	96	12 9	6 11	7	10●	8·9	1·0		Fine a. ●^{0} till 15 h., then ●.
5	989·8	989·1	80·4	80·7	n81	78	0·4	0·1	9·7	10·3	95	98	2 13	28 15	10●	10●	x23·1	—		● all day. ↗ 19 h and 20 h.
6	989·8	993·2	80·9	81·1	82	79	0·3	0·1	10·3	10·6	97	99	32 9	2 9	10●^{0}	10≡	11·2	—		●, ●^{2} till 17 h., then ≡.
7	995·9	998·3	82·8	80·9	84	80	1·1	0·4	10·5	10·0	87	95	32 9	32 7	7	10	3·6	7·1		●^{0} showers p. ≡^{0} n.
8	1001·7	1007·4	81·7	81·1	84	81	0·6	0·6	10·4	9·9	93	93	2 8	2 6	10≡^{0}	7	1·8	1·4		Dull all day. ≡^{0} and ≡.
9	1010·8	1013·9	81·5	81·2	85	80	0·9	0·5	9·7	10·1	88	93	32 6	30 5	10	10	1·0	4·5		Dull.
10	1016·6	1022·0	83·4	81·7	86	81	0·9	0·6	11·1	10·4	88	93	32 5	30 6	1	10	—	6·7		Fine, bright a ; dull p.
11	1023·7	1023·0	83·2	79·6	84	80	1·9	1·6	9·6	7·6	78	78	30 11	30 13	8	10	—	1·6		Dull but fair.
12	1018·6	1020·0	81·7	80·0	83	79	1·6	1·7	9·0	7·8	81	78	32 16	32 13	9	10	—	4·1		c. o.
13	1022·0	1022·7	81·0	80·0	84	80	2·0	1·1	8·9	8·6	76	86	2 10	32 9	10	2	—	9·2		Bright. ≡ n. [18 h.
14	1021·0	1021·0	82·4	80·6	84	79	0·2	1·1	11·5	8·9	98	86	28 10	32 11	10≡	10	—	0·2		≡ 8½ h.–12 h. ● showers after
15	1025·4	1028·8	81·9	79·4	84	80	1·6	1·6	9·0	7·5	80	79	32 8	32 5	9	1	—	6·8		Fine and bright after 15 h.
16	1029·4	1026·4	81·2	81·7	84	79	1·3	0·2	8·9	10·9	83	98	30 5	28 7	10	10●^{0}	—	0·1		Fair a. ; dull. ●^{0} showers p.
17	1023·7	1021·0	81·1	80·6	82	80	0·2	0·4	10·5	9·8	97	94	28 6	28 5	10●^{0}	10	1·5	—		d. a. Dull all day.
18	1013·9	1012·5	82·2	79·9	84	80	0·8	1·6	10·4	7·9	90	79	26 9	28 9	10●	10	0·3	2·0		d. a. ●^{0} evening.
19	1011·8	1014·5	81·3	79·4	84	79	2·7	1·0	7·3	8·3	n69	86	28 8	28 2	7	5	—	13·7		Bright.
20	1013·9	1013·2	81·7	82·2	85	79	0·6	0·3	10·4	11·0	93	96	26 2	24 4	7	10●^{0}	1·8	1·0		●^{0} early. ● showers after 18 h.
21	1014·2	1014·5	82·8	82·8	x87	82	0·6	0·9	11·1	10·6	92	88	24 8	14 2	10≡^{0}	10	—	0·1		≡^{0}, ≡a. ∞ p. [after 21 h.
22	1010·8	1009·1	85·3	82·8	86	81	1·7	0·3	11·4	11·6	80	97	14 5	16 4	1	10●	4·6	9·7		Very fine. ≡ after 17 h. ●
23	1009·5	1011·2	86·2	85·0	x87	82	0·7	1·4	13·9	11·5	92	82	16 5	12 2	2	3	—	11·5		≡^{0} till 8 h. then fine ; ≡ n.
24	1011·8	1009·1	83·9	82·8	x87	82	0·0	0·0	13·0	12·1	100	100	10 3	4 8	10≡	10≡^{0}	3·6	—		≡ a. ●≡ after 14½ h. ≡
25	1004·7	1002·7	82·8	82·4	84	82	0·0	0·1	12·1	11·7	100	99	6 8	24 6	10≡	10≡	2·3	—		≡^{2} all day. [lifted 21 h.
26	1007·1	1010·5	82·8	83·3	86	82	0·2	0·4	11·8	11·9	98	95	22 6	24 2	10	10≡^{0}	—	0·9		Dull. ≡^{0} and ≡.
27	1012·2	1012·8	83·3	83·7	85	x83	0·4	0·3	11·8	12·2	95	96	— 0	— 0	10	10	—	—		Dull all day.
28	1010·1	1005·4	82·3	82·2	84	82	0·6	0·3	10·8	11·0	93	96	2 4	28 8	10	10●	7·6	—		≡^{0} till 8 h. ● after 10 h. ≡ n.
29	1004·0	1004·7	82·9	83·0	85	82	0·1	0·1	12·1	12·1	99	99	30 5	— 1	10≡	10≡^{2}	8·4	—		≡ till 16 h. ≡^{2} 21 h.
30	1004·0	1007·4	83·3	83·1	85	82	0·0	0·1	12·5	12·1	100	98	2 3	— 0	10≡●	10≡	0·3	—		≡ and d. a. ≡ p.
Mean	1010·2	1010·7	82·4	81·4	84·4	80·4	0·9	0·7	10·5	10·0	89	91	7·2	6·5	8·3	8·9	82·1	3·23		
Mean Pressure at Station Level.	1004·1	1004·6																		

ABERDEEN, a.c.e.—JUNE 1916.

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 = 0·61 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.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	Remarks.
1	1001·7	1003·5	86·9	81·3	x90	81	1·7	0·9	12·7	9·6	81	88	16 4	26 6	9	10●	15·7	2·0	No record.	Fair to c. early, then dull. ● after
2	1007·4	1011·7	82·9	79·4	85	79	2·7	1·5	8·3	7·6	68	80	26 6	26 6	8	8	3·0	10·2		Fair and q. ●^{0} showers p. [13 h.
3	1013·1	1009·6	80·5	80·7	84	79	1·4	1·0	8·4	9·0	81	86	28 5	14 2	8●	10●	1·5	2·4		c., with ●^{0} showers.
4	997·0	986·1	81·0	81·7	n82	80	0·9	0·3	9·4	10·7	88	96	14 5	— 0	10●	9	9·5	—		Dull, with ● showers. ≡^{0} n.
5	986·4	991·6	81·8	79·4	83	n78	0·4	1·2	10·6	7·9	94	83	30 4	28 9	10●	8	3·7	—		Dull, with drizzling ● all day.
6	990·5	993·1	80·4	81·3	83	n78	2·0	0·9	7·6	9·6	74	88	26 11	26 6	10●	10	8·8	0·2		Dull and q., with ● showers.
7	995·3	998·3	83·0	80·7	85	80	2·2	0·9	8·9	9·1	73	87	28 6	26 5	9●	9	6·1	4·5		Dull to c. ● showers after 16h.
8	999·3	1005·0	82·5	81·9	85	81	1·4	1·1	9·7	9·6	82	85	26 4	30 3	8	10●	2·9	2·0		Dull to c. ● showers.
9	1009·0	1013·3	81·6	81·5	83	81	0·8	1·4	9·9	9·1	89	82	32 4	28 4	10	6	1·8	0·7		Dull with ● showers a. and p.
10	1017·0	1021·7	82·3	82·5	85	80	1·3	1·1	9·7	10·2	83	86	26 6	28 4	10●^{0}	10	4·7	1·8		● a. Dull.
11	1022·9	1022·0	81·4	80·6	83	80	1·4	1·9	9·0	7·9	82	76	30 6	30 7	10	10	0·1	0·2		Dull with occasional ● a. and p.
12	1016·3	1017·7	81·7	80·2	84	80	2·4	0·6	8·0	9·3	71	92	30 11	30 6	8	10●^{0}	2·8	6·1		Dull to fair. q.
13	1020·1	1021·3	81·3	80·4	83	79	2·4	1·5	7·7	8·2	70	80	32 7	30 5	10	4	—	2·3		Dull and q., a. and p. Fair n.
14	1020·9	1020·1	83·5	82·8	88	79	3·8	1·8	7·5	9·4	59	78	28 8	30 6	5	9	—	3·6		Fair to c. and q.
15	1024·4	1028·5	83·2	81·4	84	81	3·2	2·7	7·9	7·3	64	67	30 6	30 3	7	8	—	5·5		Fair to c.
16	1029·9	1027·5	81·8	82·5	88	81	2·7	1·5	7·7	9·6	68	81	32 3	— 0	10	0	—	6·5		Dull a. Clearing p. Fine n.
17	1024·1	1021·6	83·2	82·6	87	82	1·7	1·5	9·7	9·6	79	81	28 6	30 3	10	4	—	7·0		Dull a. Fair to fine.
18	1016·2	1014·2	83·7	82·3	87	81	2·3	2·7	9·3	8·0	73	68	28 5	28 3	10	8	0·5	0·9		Dull a. Dull to c. p.
19	1013·6	1016·2	82·4	82·0	85	79	3·7	2·2	6·8	8·3	n58	73	28 8	28 2	6	2	—	13·8		●^{0} shower early a. Fair q.
20	1015·0	1014·8	85·3	84·2	87	n78	3·7	0·9	8·7	11·8	61	89	28 6	— 0	5	10	1·1	5·2		Fair a. c. p. Dull, with ●^{0} n.
21	1016·6	1015·5	85·0	83·9	89	83	2·5	1·9	10·0	9·9	72	77	24 2	18 4	10	0	—	5·0		Dull a. and p. Fine after 17 h.
22	1012·8	1009·5	87·2	84·0	89	82	2·5	1·0	11·7	11·3	73	87	16 4	— 1	6	10∞	1·8	6·8		Fine to fair a. ∞^{0}. c. to dull p. ●^{0} n.
23	1011·1	1011·5	85

FORT WILLIAM, INVERNESS-SHIRE, a.c.—JUNE 1916.

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 = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir. (0–12)	Dir. (0–12)	Tenths of Sky covered.		mm.	hrs.	200+ °	
1	1001·3	1007·8	83·8	80·7	85	81	0·2	1·0	12·5	9·0	97	87	20 5	Calm 0	10● ≡⁰	8●⁰	6·1			Dull. ● showers.
2	1009·8	1014·9	81·1	81·2	87	79	1·4	2·1	8·8	8·0	82	74	20 1	24 1	8	8	0·3			● showers; sunny intervals.
3	1014·5	1009·1	83·6	81·3	87	79	2·8	1·1	8·7	9·3	68	86	Calm 0	20 1	9	10●	3·8			Fine generally ● *n*.
4	991·2	986·1	82·3	81·4	87	81	1·0	0·4	10·2	10·4	87	95	20 1	Calm 0	10●⁰	10●⁰	6·6			● showers; some sun.
5	989·5	996·6	81·7	81·6	*n* 84	79	0·3	2·4	10·7	7·7	96	71	Calm 0	4 4	10●	10	0·5			Dull. ● showers. Fresh ⚸ night.
6	997·3	997·9	81·3	81·2	85	79	2·3	1·7	7·7	8·5	72	79	28 2	28 4	10●⁰	10●⁰	0·8			Dull. ●⁰ showers. [Ben Nevis.
7	999·0	1002·0	82·4	80·8	*n* 84	81	2·2	1·7	8·7	8·2	73	79	28 1	28 2	10●⁰	10●	—			Dull. ●⁰ showers.
8	1002·7	1006·8	82·8	81·3	88	80	2·3	0·6	8·8	10·1	72	93	28 2	Calm 0	9	10	6·1			Dull. ● showers; sun at times.
9	1011·2	1014·5	84·1	81·7	88	80	2·8	1·1	9·0	9·7	69	87	4 4	4 1	10	10	2·5			Fine generally.
10	1018·9	1022·7	83·6	83·6	88	80	3·3	2·2	8·0	9·3	63	74	28 1	4 3	9	10	0·3			Fair to fine; evening dull.
11	1026·1	1024·7	81·9	83·4	87	80	1·1	3·3	9·7	8·0	86	63	4 3	4 3	10	7	—			Fair to fine.
12	1019·6	1020·6	88·3	82·2	89	*n* 77	4·8	3·2	9·4	7·3	54	63	4 3	4 5	4	1	—			Fine and sunny.
13	1022·0	1022·7	81·5	81·7	86	80	2·4	2·3	7·7	8·0	70	72	4 5	4 3	9	2	—			Fine and sunny.
14	1022·7	1021·0	85·8	88·1	94	*n* 77	6·1	2·9	6·5	12·0	*n* 45	70	4 3	4 3	1	7	—			Very fine; bright sunshine.
15	1024·7	1027·1	85·2	84·1	89	80	3·9	2·8	8·4	9·0	59	69	4 4	4 4	1	0	—			Very fine; bright sunshine.
16	1029·1	1026·4	85·8	87·0	94	*n* 77	4·1	2·6	8·6	11·5	59	72	4 2	4 2	0	0	—			Very fine; bright sunshine.
17	1023·7	1020·6	89·1	86·2	*x* 96	80	3·3	2·1	12·2	11·6	67	76	24 2	Calm 0	0	1	—			Very fine; bright sunshine.
18	1017·3	1015·6	84·8	84·5	89	79	2·9	3·2	9·3	8·8	68	65	28 2	Calm 0	10	7	—			Dull and c.; some sun.
19	1017·3	1017·9	85·2	83·0	88	79	5·6	2·8	6·6	8·3	47	68	4 4	24 3	5	3	0·2			Fine and sunny.
20	1016·2	1016·6	85·1	83·1	87	80	2·6	0·8	9·8	11·0	70	91	24 1	20 1	10	10	0·2			Dull and c., with ●⁰ showers.
21	1016·9	1014·2	84·1	85·9	90	82	1·7	1·8	10·5	11·7	80	80	20 3	Calm 0	10∞	8	—			c., ∞ early; fine and sunny.
22	1009·5	1007·1	88·0	84·9	89	81	2·8	0·3	12·0	13·3	71	96	Calm 0	Calm 0	10	10●≡	4·3			Dull, ● showers after 10 h.
23	1008·8	1010·1	89·1	86·3	94	*x* 84	2·5	1·5	13·4	12·6	75	83	20 2	Calm 0	10	7	1·0			Fine and sunny.
24	1010·1	1007·1	88·3	86·4	95	*x* 84	1·6	0·6	14·2	14·2	83	93	Calm 0	32 1	10∞	10∞●	*x* 10·2			Fine *a*. ⚳ 12½ h.–15½ h. ●⁰
25	1007·1	1009·1	84·5	82·4	86	82	1·5	1·1	11·0	10·1	82	86	28 3	24 1	10	10	0·8			Dull. ●⁰ showers.
26	1007·8	1009·5	86·9	87·0	91	81	3·3	2·9	10·3	11·0	65	69	Calm 0	Calm 0	5	10	—			Fine generally.
27	1010·8	1011·8	87·4	86·1	90	*x* 84	2·8	1·4	11·5	12·6	71	84	4 2	Calm 0	9	10	1·8			Fine generally.
28	1009·5	1007·4	84·7	84·9	88	*x* 84	0·7	2·3	12·5	10·2	92	73	24 1	28 3	10	10	—			Dull and c. ●⁰ showers.
29	1006·8	1006·1	88·0	84·1	89	82	4·0	2·2	10·3	9·7	60	74	20 2	24 1	8	10	0·5			Fine and sunny generally.
30	1005·4	1008·1	84·1	84·0	88	82	0·9	1·4	11·6	10·8	88	82	24 1	20 2	10	10	0·8			Dull and c. ●⁰ showers.
Mean	1011·6	1012·1	84·8	83·7	88·7	80·5	2·6	1·9	10·0	10·1	72	78	2·0	1·6	7·9	7·6	46·8			
Mean Pressure at Station Level.	1010·2	1010·7																		

DOUGLAS, ISLE OF MAN, a.—JUNE 1916.

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 = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time.

1	1009·1	1012·5	83·6	81·4	86	81	0·0	1·1	12·5	9·5	100	86	20 5	26 4	10≡	0	5·8	2·5	82	o., with ≡. q. ● showers 15 h.–17 h.
2	1015·2	1015·9	82·9	81·1	85	80	1·6	0·6	9·8	9·8	81	93	24 5	28 5	4	3	—	13·8	81	Fine, but q.
3	1017·6	1012·5	83·2	81·9	85	80	1·3	0·6	10·5	10·5	84	93	26 3	20 1	7	8	10·2	9·3	79	Fine.
4	998·6	989·8	81·3	82·1	86	81	0·0	0·2	10·8	11·2	100	98	16 6	20 2	10●	10●	11·9	1·8	80	● early, till 13 h. c. and q.
5	989·1	997·9	83·0	81·3	85	80	0·6	0·6	11·2	9·8	93	92	26 6	28 6	8	7	—	11·0	80	Fine, but q.
6	1001·0	1003·0	82·2	80·5	84	80	2·0	1·4	8·8	8·5	76	82	26 5	26 3	6	6	1·0	11·2	79	Fine, but q. ●⁰.
7	1001·3	1004·0	79·9	80·9	84	*n* 79	0·1	0·7	9·8	9·8	98	92	24 6	26 6	10●	6	0·3	2·4	77	● 6 h. o. to c. q.
8	1005·7	1007·1	81·5	81·1	*n* 83	80	1·0	0·3	9·5	10·2	88	96	26 5	26 3	8	7	0·5	1·9	78	Dull and q. Occasional ●.
9	1009·8	1015·2	84·7	82·2	87	81	1·7	0·3	10·8	11·2	80	96	30 1	26 1	8	8	—	6·0	79	Fine.
10	1020·3	1023·0	84·1	81·9	86	81	1·9	0·6	10·2	10·5	77	93	28 5	28 6	8	8	—	10·8	80	Fine, but q.
11	1024·0	1024·0	85·8	81·9	87	81	2·2	0·6	11·2	10·5	75	93	32 2	28 4	7	8	—	5·0	81	c. q. afternoon.
12	1018·9	1016·2	83·0	84·1	86	80	2·2	2·3	9·1	9·5	74	73	30 7	32 4	7	0	—	12·4	78	Fine, but q.
13	1018·6	1020·6	82·2	80·8	85	81	1·4	1·1	9·5	9·1	82	86	4 3	4 3	10	2	—	7·3	81	Dull to c. Fine afternoon.
14	1022·0	1021·7	83·8	84·6	90	*n* 79	3·0	2·4	8·5	9·8	*n* 66	73	2 3	28 3	0	6	—	13·5	*n* 75	Very fine.
15	1022·3	1026·1	84·7	83·3	89	82	2·1	1·4	10·5	10·2	76	83	2 5	6 3	0	0	—	15·2	80	Very fine, but q.
16	1028·8	1027·1	83·2	84·1	87	*n* 79	0·8	1·7	11·2	10·5	91	80	12 2	6 1	4	0	—	15·3	77	Very fine. ⚳.
17	1025·0	1020·3	88·0	82·3	*x* 92	*n* 79	2·2	0·4	12·9	11·2	76	95	12 2	30 6	0∞	2	—	14·9	77	♄ ∞ *a*. Very fine.
18	1018·3	1015·2	83·6	82·2	86	82	1·0	0·3	11·2	11·2	88	96	30 6	28 7	7	8	—	11·0	81	Fine, but q.
19	1017·3	1019·3	84·7	81·9	86	81	2·8	2·2	9·5	8·1	69	73	30 5	32 3	2	8	—	14·2	80	Fine, but q.
20	1020·3	1020·3	83·7	84·7	87	80	1·3	1·7	10·8	10·8	84	80	28 2	28 2	10	10	—	1·2	78	o. to c.
21	1020·0	1017·9	85·1	84·1	87	82	2·4	0·4	10·2	12·5	73	95	20 1	18 2	10	10	7·6	2·5	81	o. to c.
22	1012·2	1008·4	84·1	84·7	85	*x* 84	0·3	0·4	12·9	12·9	97	95	12 2	14 2	10●	10	11·4	—	83	o, with ● before 18 h.
23	1010·1	1010·8	86·9	83·7	91	*x* 84	0·8	0·7	14·2	11·5	90	91	16 1	32 1	8	0	—	7·7	82	Very fine to c. ♄ *p*.
24	1009·8	1010·8	88·6	83·6	91	83	2·8	0·3	12·5	12·2	71	97	32 2	28 2	7	♄♄	—	7·2	81	♄ *a*. and *p*. Fine.
25	1012·5	1011·8	85·2	84·7	90	*x* 84	1·1	1·1	12·2	11·9	86	86	24 3	24 1	8	10	*x* 12·2	3·1	82	♄ *a*. c. to o. ● 23 h. [18 h.
26	1008·1	1009·1	83·0	85·2	86	82	0·0	1·1	12·2	12·2	100	86	10 3	4 1	10●≡⁰	10	5·3	—	83	≡⁰ with continuous ● [15 h.
27	1010·1	1011·2	83·8	84·1	88	*x* 84	0·2	0·5	12·5	12·2	96	93	26 2	28 3	10	10	1·5	1·8	83	c. ⚳.
28	1010·5	1010·1	83·6	83·3	87	83	0·6	1·4	11·9	10·2	93	83	28 3	24 1	10	8	—	7·1	82	Fine. ♄ *p*.
29	1009·5	1007·8	85·8	82·6	87	80	1·7	1·3	11·9	10·2	81	85	24 3	32 1	7	♄	1·0	7·4	78	♄ *a*. and *p*. Fine.
30	1008·8	1012·2	84·7	84·1	89	82	1·3	1·1	11·5	11·5	84	86	24 3	26 1	10	8	2·0	6·5	81	o. to fine.
Mean	1013·2	1013·4	84·0	82·8	86·9	81·1	1·3	1·0	11·0	10·6	84	88	3·6	2·9	7·2	6·3	70·7	7·47	80·0	
Mean Pressure at Station Level.	1002·7	1002·9																		

x denotes the maximum and *n* the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

SHREWSBURY, SHROPSHIRE.—JUNE 1916.

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 = 0·30 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir. (0–12)	Dir. (0–12)	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1014·4	1013·6	86·3	83·6	89	83	0·0	0·0	15·2	12·6	100	100	18 4	20 3	10	2	2·1		82	c., with ● showers.
2	1016·3	1015·4	85·2	82·4	89	79	0·1	0·0	14·0	11·8	99	100	20 5	26 2	6	7	—		76	Fine *a*. ●⁰ evening.
3	1017·7	1015·0	83·6	81·9	88	79	0·0	0·0	12·6	11·4	100	100	28 4	28 2	6	6	0·5		76	c., with ● showers.
4	1002·2	994·1	83·1	83·3	*n* 87	80	0·0	0·0	12·3	12·5	100	100	20 3	20 2	10	10	4·8		77	o., with ●. Fine *n*.
5	991·5	997·5	84·1	83·3	88	81	0·1	0·0	13·0	12·5	99	100	20 4	30 4	4	10	0·6		79	● showers.
6	1001·7	1003·8	84·7	81·9	*n* 87	80	0·1	0·0	13·4	11·4	99	100	26 4	26 2	6	2	1·5		78	Fine *a*. ● showers.
7	1003·6	1004·0	84·9	81·9	*n* 87	77	0·2	0·0	13·4	11·4	97	100	24 3	28 2	7	9	0·6		75	● showers.
8	1006·3	1007·8	84·6	82·4	90	77	0·2	0·0	13·3	11·8	98	100	26 2	28 1	5	8	—		76	Fine, but cool.
9	1009·0	1013·6	85·2	81·9	*n* 87	78	0·1	0·0	14·0	11·4	99	100	28 1	28 1	9	4	—		76	c.
10	1019·2	1022·9	86·9	83·0	88	79	0·0	0·0	15·8	12·2	100	100	26 4	30 2	2	5	1·5		77	c.
11	1022·8	1022·5	83·3	83·0	89	79	0·1	0·6	12·3	11·3	98	93	30 1	4 2	9	8	0·9		75	● showers.
12	1018·0	1012·8	83·4	83·8	89	82	3·0	2·7	8·3	8·8	66	69	2 4	28 3	9	5	—		80	c.
13	1014·5	1017·8	84·7	81·9	88	82	2·5	1·1	9·8	9·7	72	86	32 4	4 2	8	6	—		80	c. and cold.
14	1020·2	1020·3	81·6	84·1	88	81	1·9	2·2	8·4	9·7	76	74	32 1	4 2	10	8	—		77	Dull and cold.
15	1020·6	1024·3	87·1	83·0	89	83	2·7	2·2	11·4	9·0	71	74	32 1	4 2	10	8	—		81	Dull.
16	1027·6	1025·5	81·9	82·4	90	75	2·8	1·6	7·5	9·3	67	79	2 1	4 1	8	10	—		*n* 72	Fine, but cold.
17	1024·3	1019·4	84·4	86·3	*x* 95	*n* 74	3·1	2·5	8·8	11·1	66	73	4 1	28 1	0	5	—		*n* 71	Fine.
18	1018·0	1015·8	83·6	83·6	89	84	0·6	2·3	11·8	9·3	93	74	28 1	28 4	10	8	—		77	Fine.
19	1014·9	1019·4	85·2	83·0	90	83	1·6	2·8	11·3	8·3	80	68	30 2	28 1	5	8	—		79	c.
20	1020·2	1021·2	85·8	85·2	89	80	3·6	2·2	9·1	10·5	*n* 63	74	28 1	28 3	9	10	—		76	Fine and mild.
21	1020·4	1018·8	86·3	86·9	91	84	2·5	2·2	11·1	11·9	73	75	26 1	26 1	10	10	0·1		82	c. and mild. Fine *n*.
22	1014·2	1011·0	86·2	85·8	89	84	1·8	1·6	12·2	12·0	80	82	26 4	18 2	10	9	0·9		82	c. ● showers.
23	1010·5	1010·2	89·8	88·0	94	83	3·5	2·2	12·5	12·9	66	76	18 2	20 2	5	7	—		78	c.
24	1009·2	1011·5	90·8	86·9	92	79	3·9	0·8	12·7	14·2	*n* 63	90	18 1	18 1	5	7	*x* 23·5		76	Fine *a*. ♃² ●½ mid-day.
25	1013·2	1014·1	87·4	85·2	93	*x* 85	1·1	1·6	14·2	11·3	87	80	20 4	20 2	6	8	0·4		79	Fine.
26	1013·1	1007·5	84·9	85·8	*n* 87	82	0·9	0·6	12·3	13·6	89	93	20 1	20 1	10	10	1·3		81	● *a*., then fine.
27	1007·4	1009·4	87·4	86·3	89	*x* 85	1·7	1·1	13·2	13·2	80	87	20 3	28 3	10	10	0·6		84	Dull.
28	1008·7	1010·1	87·0	83·6	90	84	1·3	1·7	13·4	10·1	85	80	28 3	28 3	10	5	—		82	Dull.
29	1011·0	1007·3	88·6	84·1	92	81	3·4	0·0	11·6	13·2	66	100	26 4	20 4	6	10	12·4		79	Fine *a*. Steady ● 17 h.–22 h.
30	1009·3	1014·4	88·1	84·4	90	82	3·2	1·5	11·5	10·9	67	82	26 1	28 2	3	2	3·2		81	Fine.
Mean	1013·4	1013·4	85·6	83·9	89·4	80·8	1·5	1·1	12·1	11·3	83	87	2·5	2·1	7·3	7·2	54·9		78·1	
Mean Pressure at Station Level.	1005·5	1005·5																		

CAMBRIDGE,* a.—JUNE 1916.

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 = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local mean time.

1	8 h. 1017·1	20 h. 1012·3	8 h. 85·8	20 h. 86·4	90	84	8 h. 1·2	20 h. 2·0	8 h. 12·5	20 h. 11·9	8 h. 86	20 h. 78	8 h. 18 4	20. 6	8 h. 10	20 h. 5	8 h. 0·5	—	81	o., with ● showers.
2	1016·7	1014·8	85·2	84·0	90	78	2·8	2·7	9·8	9·1	69	70	28 4	30 4	5	♄♄	—	11·9	*n* 72	Fine. [Cold wind.
3	1015·8	1015·5	84·2	80·4	88	77	2·6	1·2	9·5	8·5	71	84	32 4	Calm 0	3	3	—	6·9	*n* 72	Fine till 10 h. 30 m., then o.
4	1008·0	996·0	85·1	84·8	86	77	2·8	0·6	9·8	12·9	69	93	20 6	20 6	10	♄	*x* 6·6	3·1	*n* 72	Sunny o., then o. ● afternoon.
5	992·1	997·0	84·8	83·5	89	81	1·7	0·9	10·8	11·2	79	88	20 5	24 3	5	10●⁰	2·8	4·9	79	c. ⚳ ● evening. [●⁰ *n*.
6	1000·9	1004·0	84·9	81·2	87	80	2·6	0·8	9·8	9·8	70	90	24 5	20 2	7	♄♄♄	1·3	7·6	76	Cool. ●⁰ showers. ♃ 14 h. ⚳ later.
7	1004·4	1004·0	84·7	82·4	87	*n* 76	1·7	1·6	10·8	9·5	80	79	24 2	20 1	8	♄♄♄♄	3·0	5·5	*n* 72	Cool. ♃ 10 h. Sunny inter-
8	1006·6	1007·0	85·5	83·3	89	78	2·7	1·1	10·2	10·8	70	87	24 2	Calm 0	5	8	—	9·0	74	Fine till 15 h., then o. [vals.
9	1008·8	1013·2	84·7	82·2	90	80	2·0	0·3	10·5	11·2	76	96	26 2	28 1	4	9	4·3	4·6	77	Fine *a*. ● from 14 h. ⚳ 14 h. and 16 h.
10	1018·1	1021·4	85·4	82·4	89	81	2·1	0·6	10·8	10·8	77	93	26 3	2 1	7	♄	1·5	3·7	77	Fine *a*. ⚳ ●⁰ showers 11 h. o.
11	1021·0	1020·8	84·1	82·2	88	79	1·3	1·3	11·2	9·8	84	83	24 2	28 5	9	10●⁰	2·5	1·6	*n* 72	o. most of day.
12	1016·0	1009·4	80·8	80·8	*n* 82	80	1·0	0·4	9·1	9·8	86	95	32 5	28 4	10●	10●	6·4	—	78	● most of day.
13	1007·9	1014·5	82·9	82·4	85	80	0·8	0·5	10·8	10·8	89	93	30 7	32 5	10	10●⁰	3·3	0·2	79	● early and most of day.
14	1017·5	1019·2	82·0	83·2	85	81	1·2	1·0	9·8	10·8	86	88	32 4	32 1	10	10	0·3	0·1	79	o. [wind.
15	1019·6	1023·1	81·9	81·6	87	81	1·6	1·7	9·1	8·8	80	80	32 5	2 4	10	3	—	7·4	80	o. till noon, then sunny. Cold
16	1025·5	1025·7	83·4	80·9	89	80	2·3	1·2	9·1	9·1	73	86	4 4	4 4	2	9	0	—	10·4	77	Fine.
17	1024·4	1019·9	82·6	83·0	89	*n* 76	1·8	1·0	9·1	10·5	78	87	4 2	2 3	5	0	—	12·0	73	Beautiful day.
18	1017·7	1013·7	82·3	85·8	89	81	1·1	1·4	10·2	12·5	86	85	32 4	4 1	10	10	—	2·8	79	c. Sunny 14 h.–17 h.
19	1012·8	1018·8	83·9	81·9	86	80	0·4	1·1	12·2	9·8	94	86	30 3	Calm 0	10	10●⁰	—	0·7	76	o. most of day.
20	1019·7	1020·1	85·5	84·9	90	78	3·1	1·9	9·5	10·8	*n* 67	78	26 3	28 1	2	5♄	—	6·2	75	Fine.
21	1021·4	1019·9	86·2	88·5	91	80	2·0	2·3	11·9	13·2	77	76	24 4	24 1	10	9♄	—	0·2	76	o. most of day. Warm *n*.
22	1017·6	1013·0	87·4	90·1	*x* 94	80	1·9	2·2	12·9	14·9	79	77	16 3	16 3	8	10	0·3	4·7	76	Sunny till noon, then dull. [18 h.
23	1012·4	1012·2	89·9	87·3	93	*x* 87	1·8	0·2	15·2	15·9	81	97	16 3	16 1	9	7	1·8	0·4	84	● early. o. most of day. ● 17 h.–
24	1011·2	1011·7	86·9	87·2	91	84	0·6	0·6	14·6	14·9	92	93	20 2	20 4	9	5♄	1·8	4·4	81	o. early. ⚳ ●² showers 15 h.
25	1015·1	1013·9	88·1	89·6	93	85	1·4	2·2	14·2	14·6	85	77	24 3	24 1	8	5	—	1·8	82	o. early. c., with sunny intervals.
26	1011·1	1007·4	85·8	84·7	91	84	1·0	0·4	12·9	13·2	88	96	16 2	22 1	10	9	1·0	—	80	Dull and o. ● 16 h.–17 h.
27	1006·2	1007·8	86·3	86·4	91	84	0·6	0·6	14·2	14·2	94	93	32 3	32 4	10	10	—	0·1	80	o. most of day.
28	1007·3	1008·4	85·2	86·8	90	84	1·2	1·0	12·2

ARMAGH, a.c.d.—JUNE 1916.

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 = 0·30 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir.	m/s.	Dir.	m/s.	Tenths of Sky covered.				mm.	hr.	200+ °	
1	1005·1	1013·9	86·8	79·5	88	80	0·6	0·6	12·9	8·9	82	92	20	4	—	1	10	1			≋11·5	1·0	78	● most of day.
2	1014·9	1018·3	81·3	80·8	87	78	1·1	1·6	9·2	8·4	86	80	24	2	—	0	9	8			1·2	9·9	76	Fine.
3	1018·3	1011·5	84·1	82·0	87	77	2·4	1·6	9·4	9·1	72	81	—	1	—	1	9	10			7·0	5·1	74	Fine.
4	993·9	988·1	82·4	81·8	x86	80	0·3	1·2	11·2	9·4	95	84	22	2	20	3	10●	10●			6·6	1·4	80	c.
5	992·2	1000·3	82·7	80·2	87	80	0·9	0·6	10·6	9·1	89	91	28	2	—	1	10	8			0·5	3·9	78	o. to fine.
6	1002·4	1004·4	84·0	78·7	87	78	2·3	1·0	9·6	7·8	74	87	—	1	—	1	7	1			1·3	10·5	76	Fine.
7	1002·7	1005·7	81·7	80·1	n86	77	0·5	1·2	10·4	8·5	93	86	—	1	—	1	10●	8			0·3	0·7	75	c.
8	1006·4	1008·4	82·9	80·5	n86	76	2·5	0·7	8·6	9·3	71	91	—	1	—	0	10	10			2·2	3·0	75	● showers.
9	1010·8	1016·6	84·5	81·6	87	79	1·7	1·2	10·8	9·4	80	86	—	1	—	1	10	3			4·2	2·3	76	● showers. ┳ 13 h.–14 h.
10	1021·7	1025·0	82·4	82·4	89	78	1·0	2·0	10·3	9·0	87	77	—	1	—	1	9	4			—	6·0	75	Fine.
11	1026·4	1027·1	85·1	81·6	89	78	2·7	0·7	9·8	10·1	70	91	32	2	—	1	8	9			—	7·3	75	Fine.
12	1022·3	1018·9	84·2	81·4	89	80	0·6	0·2	12·2	10·6	92	97	32	3	32	2	10	1			—	3·4	79	c.
13	1020·0	1020·3	83·6	81·3	89	77	0·8	0·6	11·5	9·9	90	92	—	1	—	0	10	0			—	4·3	75	Fine.
14	1022·0	1022·3	86·3	83·2	92	n75	2·7	2·4	10·7	8·8	70	72	—	1	—	1	0	2			—	12·3	n73	Fine.
15	1022·7	1025·0	85·7	84·6	91	79	1·5	5·4	12·0	6·5	83	n49	—	1	—	1	10	0			—	8·8	75	Fine.
16	1028·4	1026·4	85·7	82·9	89	80	2·8	1·6	10·1	9·7	69	80	—	1	—	1	0	0			—	14·8	76	Fine.
17	1025·0	1022·3	89·7	82·8	x94	78	3·6	1·0	12·2	10·6	65	88	—	1	—	1	0	0			—	14·8	75	Fine.
18	1019·6	1018·3	87·9	83·4	90	79	2·9	1·5	11·7	10·3	70	82	—	1	—	1	8	10			—	5·3	76	Fine.
19	1018·6	1020·6	86·9	83·0	90	80	4·5	1·8	8·8	9·6	57	79	32	2	—	1	0	9			—	8·0	76	Fine.
20	1020·3	1020·3	85·1	84·2	87	82	2·0	2·3	10·7	9·7	76	74	—	1	—	1	10	10			—	0·2	79	o.
21	1017·6	1013·5	85·8	86·7	91	83	2·2	2·1	11·0	12·0	75	77	18	2	16	3	10	10			3·7	1·4	82	c.
22	1006·8	1005·1	85·2	84·9	88	x85	0·1	0·4	13·8	13·2	98	95	14	6	12	3	10●	10			—	—	84	o.
23	1007·8	1009·1	87·3	85·9	90	83	2·2	1·5	12·3	12·3	76	84	14	4	—	1	9	0			—	10·5	80	Fine.
24	1010·5	1011·8	85·8	85·2	x94	81	1·1	1·0	12·7	12·4	87	87	—	1	—	1	10	9			2·5	6·9	76	Fine.
25	1012·8	1009·5	86·3	86·1	91	84	1·5	1·0	12·5	13·2	82	88	—	1	—	1	9	10			10·9	2·7	81	Fine a., then o.
26	1004·4	1010·5	87·3	84·8	92	x85	0·4	1·6	15·4	11·2	95	81	—	0	—	1	10	10			—	1·5	84	Fine a., then o.
27	1011·2	1013·2	87·8	84·4	90	82	3·0	1·2	11·6	11·4	70	84	—	1	—	1	9	10			—	3·4	80	Fine a., then o.
28	1011·2	1009·5	87·2	83·9	90	80	3·7	1·6	10·0	10·5	63	80	—	1	—	1	7	8			—	3·2	75	c.
29	1008·8	1007·1	85·3	85·0	91	80	2·9	2·0	9·7	10·7	69	76	—	1	—	0	9	10			2·4	3·9	75	Fine. c. p.
30	1008·4	1010·5	84·6	84·5	90	82	1·7	1·2	10·9	11·6	80	86	22	2	—	1	10	9			1·7	2·7	81	c., with ● showers.
Mean	1013·0	1013·8	85·2	82·9	89·2	79·9	1·9	1·4	11·1	10·1	79	83	1·6		1·1		8·1	6·3			56·0	5·30	77·3	
Mean Pressure at Station Level.	1005·7	1006·3																						

DUBLIN (PHŒNIX PARK), a.c.—JUNE 1916.

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-guage, h_r = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin mean time.

Day.	Air Pressure at Mean Sea Level. 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.
													Dir. (0–12)		Dir. (0–12)									
1	1008·1	1016·2	88·6	81·3	91	81	1·3	0·8	14·9	9·8	86	90	20	5	Calm	0	9●	1			3·5	5·7	84	c. ● showers p.
2	1016·9	1018·6	84·8	80·7	87	77	3·0	0·1	9·1	10·2	n68	99	24	2	24	1	7	4			—	13·2	75	Beautiful day.
3	1019·6	1013·9	83·9	81·1	87	77	1·7	0·8	10·5	9·5	80	90	24	2	20	2	8	7			5·7	4·5	74	c. ●⁰ showers p.
4	995·6	990·8	85·1	82·2	87	80	0·4	0·5	13·5	10·8	96	93	20	2	20	4	10●	10●			2·9	1·2	79	● a. c. ● showers p.
5	993·2	1001·7	84·8	81·6	87	81	1·3	1·3	11·5	9·1	84	84	28	5	24	2	6	7			1·8	7·3	80	c., with ● showers.
6	1003·7	1005·7	84·0	79·6	87	80	2·3	1·2	9·5	8·1	74	84	24	3	Calm	0	6	0			1·6	10·5	79	c., with ● ▲ showers.
7	1004·4	1006·4	82·9	81·1	n86	75	2·0	0·4	9·1	10·2	75	95	28	4	24	2	10	8			5·3	3·2	72	c. ●² showers p.
8	1007·8	1009·1	82·5	80·1	87	75	2·2	0·4	8·8	9·5	73	95	32	1	Calm	0	8	9			2·6	5·7	72	c., with ● showers a and p.
9	1011·2	1017·3	84·7	81·8	88	79	2·0	0·3	10·5	10·8	76	96	28	3	Calm	0	8	7			5·0	5·1	78	c. ▲ ┳ noon.
10	1022·3	1024·7	84·8	79·6	89	80	2·4	1·9	10·2	7·1	73	74	28	3	Calm	0	8	9			0·2	8·1	77	Fine.
11	1025·4	1026·7	84·0	82·8	89	76	1·3	1·3	11·2	10·2	85	84	Calm	0	Calm	0	9	9			—	4·5	72	c.
12	1021·7	1017·9	84·0	82·8	89	81	2·3	1·1	9·5	10·5	74	87	32	4	32	5	8	1			—	8·0	79	Fine.
13	1019·3	1020·3	83·0	77·4	n86	77	1·5	0·2	9·8	8·1	82	98	32	5	Calm	0	9	0			—	3·1	76	c.
14	1022·0	1022·0	84·2	79·5	89	n72	2·2	0·4	9·8	9·1	74	94	4	1	Calm	0	3	1			—	13·1	n70	Beautiful day.
15	1021·7	1026·7	88·3	80·4	89	76	2·5	0·2	12·5	9·8	73	97	8	3	Calm	0	4	0			—	15·9	74	Beautiful day.
16	1027·4	1027·7	84·6	79·1	n86	77	2·2	0·3	10·2	9·1	75	97	8	3	Calm	0	3	0			—	14·1	73	Beautiful day.
17	1025·0	1021·3	88·3	83·9	x96	76	0·5	0·4	16·3	12·2	94	94	8	1	Calm	0	0	0			—	14·8	72	Beautiful day.
18	1019·6	1018·9	86·8	84·1	91	79	1·7	0·8	12·5	11·9	80	90	28	3	28	6	3	9			—	8·6	75	Fine.
19	1018·9	1021·0	86·2	82·4	90	82	1·7	1·5	12·2	9·5	81	82	28	5	28	1	6	2			—	6·2	80	Fine.
20	1021·7	1021·3	85·6	85·6	88	81	1·7	1·3	11·5	12·2	80	85	28	4	28	5	8	8			—	0·3	74	c.
21	1018·6	1014·9	87·9	85·6	91	82	2·2	0·6	12·9	13·5	76	93	20	2	Calm	0	8	10			0·9	1·8	79	Dull and c.
22	1007·8	1006·1	86·8	85·1	89	x85	0·6	1·0	14·6	12·2	93	88	20	4	20	2	7	1			1·4	0·5	84	● showers a. c.
23	1007·4	1009·8	87·2	84·1	91	84	1·0	0·2	14·2	12·9	89	98	20	4	Calm	0	8	6			—	6·4	79	Fine.
24	1010·5	1012·5	90·4	86·1	92	78	0·2	0·9	19·3	13·2	97	88	28	2	24	2	7	8			—	5·8	75	Fine.
25	1013·9	1010·8	88·3	87·1	91	82	2·2	1·3	13·2	13·5	76	85	Calm	0	20	4	6	9●			0·7	3·0	81	c.
26	1005·1	1009·5	88·3	84·9	92	x85	1·7	0·3	14·2	13·2	82	96	20	2	28	4	8	10			4·3	1·7	85	●⁰ showers a. c. ●² showers p.
27	1011·5	1012·8	85·9	85·0	90	84	1·5	1·1	12·2	12·2	83	87	28	3	28	2	8	8			—	0·3	84	c.
28	1012·2	1011·2	84·6	83·1	89	83	1·8	0·6	10·8	11·5	79	93	28	2	Calm	0	8	6			0·3	2·5	82	c. ● showers p.
29	1009·8	1007·4	86·4	83·5	89	80	2·3	0·2	11·5	12·5	74	98	20	2	Calm	0	8	10●			5·6	1·6	82	c. ● p.
30	1010·5	1013·5	84·1	84·0	91	82	0·7	0·2	12·2	12·9	93	97	Calm	0	Calm	0	6●	5			x11·4	9·7	81	● early a. Fine. ●² showers p.
Mean	1013·7	1014·5	85·7	82·5	89·1	79·6	1·7	0·7	12·0	10·8	81	91	2·7		1·4		6·9	5·5			53·2	6·20	77·6	
Mean Pressure at Station Level.	1007·9	1008·6																						

x denotes the maximum and n the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON, *September 25th*, 1916.

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1916.

DEERNESS, ORKNEY, a.b.c.—JULY 1916.

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 = 0·30 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir.	m/s.	Dir.	m/s.	Tenths of Sky covered.				mm.	hr.	200+ °	
1	1010·1	1009·5	82·9	82·3	85	82	0·0	0·0	12·2	11·7	100	100	10	2	8	4	10≡	10≡			—	—		≡ and ≡² all day.
2	1008·8	1008·1	82·1	82·3	n84	82	0·2	0·3	11·1	11·3	97	96	4	4	32	2	10≡	9			—	—		Alternate ≡ and ≡⁰ till 14½ h.
3	1009·5	1009·1	81·8	82·6	85	81	0·1	0·3	11·0	11·5	98	97	4	4	2	3	10≡⁰	10●			8·4	0·3		≡ and ≡⁰ at times. ● after 20½ h.
4	1008·1	1010·5	82·3	81·1	n84	81	0·2	1·2	11·4	9·0	98	85	32	6	30	2	10●⁰	9			—	0·4		● all night. ● showers a.
5	1011·8	1013·9	82·2	82·2	85	n80	1·5	0·6	9·4	10·8	81	93	30	2	28	2	10	10			0·5	—		●⁰ showers a; fair p.
6	1012·2	1009·5	85·0	82·8	86	82	1·1	0·7	12·1	10·9	86	91	22	3	—	1	9	10			—	0·6		Dull and c.
7	1007·1	1006·4	84·7	82·8	86	82	1·8	0·8	10·7	10·8	78	90	12	3	6	4	8	9			—	4·2		Fine all day.
8	1004·7	1004·0	85·0	81·9	86	82	2·2	0·6	10·5	10·5	n75	93	4	5	32	3	7	10			0·3	4·0		Fine, bright a; dull p.
9	1002·7	1004·0	82·9	83·4	87	82	0·9	0·5	10·8	11·8	89	93	32	2	14	3	8	9			—	5·0		Fair, but c. at times.
10	1002·7	1004·0	85·4	83·9	86	83	1·1	0·6	12·4	12·1	87	93	14	4	—	1	9	7			—	0·1		Very fine all day.
11	1006·1	1008·8	84·6	83·0	87	83	0·7	0·8	12·4	10·9	91	90	26	4	24	5	10●⁰	8			0·5	4·1		●⁰ showers a., then fine.
12	1007·1	1007·4	85·2	83·4	87	83	0·9	0·5	12·4	11·8	88	93	30	4	30	4	8	10			1·0	3·2		●⁰ showers before 7 h., then fine.
13	1007·4	1010·8	83·1	83·3	85	82	0·3	0·1	11·8	12·3	96	99	28	8	28	7	10●⁰	10≡			1·0	—		●⁰ showers. ≡² after 20½ h.
14	1013·9	1015·2	83·3	82·5	85	82	0·6	0·3	11·6	11·4	93	96	28	7	28	10	10●⁰	10●⁰			—	—		●⁰ showers all day. ≡ after 17 h.
15	1016·2	1015·9	85·3	85·2	88	82	2·2	0·2	10·5	13·7	n75	97	26	8	—	1	9	10●≡			3·3	1·5		Fine. ●≡ after 20 h.
16	1014·5	1015·9	86·0	84·2	87	84	0·3	0·2	14·3	12·8	97	97	—	1	26	7	10≡⋮	10			1·3	—		≡ n. and a. ●⁰.
17	1017·9	1019·3	85·6	83·3	87	83	1·6	0·7	11·9	11·5	82	92	28	10	24	4	4	4			1·3	10·0		Fine and bright all day.
18	1015·9	1013·5	83·8	83·7	85	82	0·6	0·3	12·0	12·2	93	96	20	5	22	2	10●	10≡⋮			5·3	—		≡ 8 h.–12 h. ≡ after 20½ h.
19	1014·9	1017·9	83·9	83·6	86	84	0·1	0·2	12·7	12·3	99	97	20	3	18	3	10●≡⋮	10			1·3	—		≡ ≡⁰ till 14 h. ● 8 h.–10 h.
20	1019·6	1024·0	86·0	84·9	89	84	0·3	0·3	14·3	13·2	97	96	24	4	—	1	10	10●⁰≡			0·5	0·5		Dull. ≡ after 18 h. ●⁰ after 20 h.
21	1025·7	1025·7	85·6	86·2	87	84	0·1	1·1	14·2	13·2	99	87	18	3	16	2	10≡	3			—	3·3		≡ n. and a., then very fine.
22	1024·7	1024·7	86·4	84·4	88	84	1·1	0·2	13·4	13·1	87	97	14	5	14	3	0	2			—	14·0		Very fine all day. ⌒².
23	1025·4	1026·1	86·0	86·0	90	83	0·4	0·6	14·1	13·9	95	94	2	2	—	0	8≡⁰	10			1·0	3·5		≡² 3 h.–9 h., then very fine.
24	1025·0	1022·3	85·6	84·8	86	x85	0·1	0·2	14·4	13·3	99	98	8	3	12	6	10≡	10≡²			3·0	—		≡² after 4 h. ⚢ 19½–20½ h. ● 20 h.
25	1026·6	1019·6	84·4	83·9	86	84	0·0	0·1	13·4	12·7	100	99	12	4	14	3	10≡²	10≡²			—	—		≡² all day.
26	1018·6	1017·9	86·3	86·7	x91	84	0·1	0·4	15·0	14·9	100	95	—	1	—	1	10≡	10			1·0	9·5		≡² till 11 h. ⚢ 19 h.–20 h.
27	1018·9	1023·0	90·2	84·8	90	x85	1·3	0·9	16·8	12·3	87	89	26	4	28	2	9	8			—	3·2		Dull. ≡⁰ a.
28	1023·7	1022·3	86·2	85·7	88	84	1·3	0·9	12·8	12·9	85	89	20	2	16	4	10	10			—	—		Dull.
29	1017·6	1015·6	88·9	87·3	90	x85	1·1	0·1	15·7	16·0	88	98	20	8	20	6	10	10●	x11·2		—	—		Dull. ● after 20 h.
30	1016·9	1018·9	85·4	84·4	87	x85	0·6	1·1	13·5	11·6	93	86	26	5	26	6	10●	8			0·5	2·0		●⁰ n. and a., then fair.
31	1020·3	1021·3	85·4	83·4	87	83	1·4	0·7	11·9	11·5	83	91	24	5	20	2	10	10			3·6	2·2		Dull. ●⁰ showers. ⊕ p.
Mean	1014·5	1015·0	84·9	83·9	86·8	83·0	0·8	0·5	12·6	12·2	91	94	4·2		3·4		9·0	8·9			45·0	2·31		
Mean Pressure at Station Level.	1008·5	1009·0																						

ABERDEEN, a.c.e.—JULY 1916.

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 = 0·61 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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.
1	1009·6	1007·2	87·2	83·5	88	82	2·7	0·9	11·4	11·1	71	88	14	3	8	5	0	10●			2·6	10·3		Fine a. Fair to c. Dull, with ●⁰ n
2	1006·4	1008·0	83·5	83·3	85	82	0·9	0·7	10·1	11·3	88	91	2	4	32	3	10	10●⁰			6·2	0·1		● showers most of day.
3	1008·1	1009·0	83·5	84·4	87	82	0·7	0·9	11·5	11·9	91	89	30	3	30	3	10●⁰	8			4·0	1·3		Drizzling ● a. c.
4	1008·3	1011·0	84·7	82·9	86	83	0·6	0·6	12·6	11·1	92	92	—	1	—	1	10●	10●⁰			6·3	1·3		●a. c. Drizzling ● n.
5	1012·6	1014·7	82·6	83·5	85	82	1·0	1·4	10·3	10·5	87	83	6	2	—	1	10●⁰	9			0·2	1·0		Drizzling ● a. Fair to c.
6	1012·2	1008·7	84·3	83·4	86	83	1·0	0·5	11·5	11·6	87	93	—	1	—	1	10	10			3·5	4·4		c. a. and p. ⊕ 15 h. Dull n.
7	1005·0	1003·5	82·7	83·3	n84	82	0·3	0·5	11·5	11·5	96	93	8	5	6	5	10●	10●	x18·4		—	—		● all day.
8	1002·7	1002·8	83·9	84·1	85	83	0·7	1·0	11·7	11·4	91	87	4	6	32	2	7	10			3·0	0·4		● early a. c. to dull.
9	1003·8	1005·1	84·6	84·9	87	82	1·8	0·8	10·7	12·4	79	99	28	2	—	1	10●	8			2·6	0·1		Dull with ●.
10	1004·0	1005·0	83·8	84·5	88	83	0·7	0·7	11·7	12·3	91	91	16	4	—	1	10●≡⁰	8			1·9	0·2		●⁰ ≡⁰ a. and p. c. n.
11	1008·1	1010·6	86·4	85·0	88	83	2·9	1·0	10·5	12·2	69	88	26	3	—	1	8	8			6·4	1·4		c. a. Dull, with ●⁰ showers.
12	1007·8	1006·7	87·2	84·8	87	83	2·6	1·3	11·6	11·5	72	84	32	2	—	1	8	8			—	3·4		c.
13	1009·0	1012·0	85·1	83·4	87	83	1·8	0·9	11·1	11·0	79	88	28	4	26	6	10	10			0·2	—		Dull, with occasional ●⁰.
14	1014·6	1016·4	86·0	85·4	88	83	2·2	1·7	11·1	11·4	75	80	28	6	28	5	8●	4			—	3·3		●⁰ early. c.
15	1017·7	1016·9	86·8	84·9	89	82	2·8	0·8	11·0	12·4	70	90	28	3	—	0	6	10			0·9	4·8		Fine to c., then dull.
16	1014·8	1016·5	87·2	86·5	89	85	0·6	0·6	14·9	14·3	93	93	—	1	—	1	10	10			0·5	—		Dull, with occasional ●⁰.
17	1018·9	1020·9	86·0	84·8	88	82	3·0	1·6	10·1	11·2	68	81	28	7	—	0	6	4			—	8·6		●⁰ early. c. to fair.
18	1018·4	1014·9	86·0	86·1	n81	2·7	1·8	10·4	11·8	70	79	22	2	—	1	10	10	0

FORT WILLIAM, INVERNESS-SHIRE, a.c.—JULY 1916.

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 = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir. (0–12)	Dir. (0–12)	Tenths of Sky covered.		mm.	hrs.	200+	
1	1007·8	1005·7	85·1	84·1	88	82	1·4	1·1	11·7	11·4	83	86	Calm 0	Calm 0	10	4	0·5	No record.	No record.	Mostly dull. ● afternoon.
2	1007·1	1007·8	84·7	84·7	88	83	1·7	1·1	10·8	11·7	79	86	4 3	Calm 0	10	10	3·3			Mostly dull. ● afternoon.
3	1007·8	1008·4	84·7	85·7	90	83	1·1	1·7	11·7	11·8	86	81	Calm 0	Calm 0	10 ●	8 ∞	1·5			Alternate sun and shower.
4	1008·4	1009·1	86·2	85·2	89	83	0·8	2·6	13·5	10·0	90	n71	Calm 0	2 8 3	10	10	—			Mostly fine and sunny.
5	1011·8	1013·5	83·4	85·0	91	83	1·0	1·8	11·0	10·9	87	78	Calm 0	Calm 0	10	10	0·3			Mostly fine and sunny; dull evening.
6	1011·8	1007·4	84·8	84·7	90	82	0·8	1·7	12·4	10·9	91	80	24 1	4 2	10 ●	9	0·5			Showers at first; fine later.
7	1103·7	1002·0	85·6	83·1	86	n79	2·3	0·2	10·8	12·0	75	98	4 3	4 4	10 ∞	10 ● ≡	x 24·1			Dull. ● ≡ ≡ ● after 16 h.
8	1001·3	1004·0	82·7	82·7	n84	82	0·4	0·3	11·4	11·5	95	96	4 4	Calm 0	10 ● ≡	10 ● ≡	10·9			Steady ●, ≡ ● and ≡.
9	1004·4	1004·4	83·4	83·0	87	82	0·4	0·6	11·9	11·3	94	93	Calm 0	20 3	10 ●	10 ● ●	2·3			Dull and showery.
10	1003·0	1006·4	84·6	83·4	86	82	0·9	0·6	12·0	11·6	88	92	20 2	Calm 0	10 ● ●	10 ● ● ≡	4·1			Dull and showery. ≡ 21 h.
11	1009·5	1011·5	84·8	84·1	87	83	0·7	0·8	12·5	11·8	92	90	20 1	20 2	10 ● ●	10 ● ●	1·3			Dull and showery.
12	1007·4	1005·7	86·7	86·9	94	83	1·5	3·0	12·9	10·8	83	68	24 1	4 3	9	8	—			Fine, clear and sunny.
13	1010·8	1014·9	86·6	84·7	90	80	2·2	1·7	11·8	10·9	76	80	Calm 0	28 2	8	10	—			Fine, clear and sunny; dull p.
14	1016·9	1018·9	85·2	85·2	89	84	2·0	2·1	10·8	10·7	76	75	28 3	28 3	10	8	—			Fair to fine; sunny periods.
15	1018·9	1017·6	85·8	85·4	88	84	1·7	0·2	11·8	14·0	81	97	24 1	20 1	10	10 ● ≡	2·0			Dull and c. ● ● and ≡ after 21 h.
16	1015·2	1017·6	87·3	86·9	88	85	0·4	0·7	15·3	14·5	94	92	20 1	Calm 0	10	10	0·8			Dull, with ≡ and occasional ●.
17	1019·6	1022·0	87·3	84·7	92	84	2·8	2·1	11·5	10·3	n71	75	Calm 0	24 1	9	2	0·3			Fine and sunny.
18	1018·9	1015·6	83·6	84·7	86	81	0·6	0·2	11·8	13·3	93	98	20 2	20 1	10 ● ≡ ●	10 ● ● ≡ ●	1·5			Dull, with d. and ≡ ●.
19	1016·9	1019·3	86·3	85·8	91	84	1·4	0·7	12·8	13·4	84	92	24 2	20 2	10	10	0·3			Fair to fine.
20	1022·0	1024·0	88·0	87·4	91	84	0·7	0·6	15·5	15·2	92	93	20 3	Calm 0	10	10	0·3			Dull. Fog on hills.
21	1025·4	1024·7	89·0	89·7	99	86	0·6	1·1	16·8	16·5	93	88	20 1	Calm 0	10	2	—			Very fine.
22	1024·0	1023·7	93·0	90·7	99	84	2·2	2·0	18·0	15·9	78	79	Calm 0	Calm 0	1	3	—			Very fine.
23	1024·7	1023·7	92·9	90·7	99	84	2·7	1·7	17·0	16·6	74	83	Calm 0	Calm 0	5	10	—			Very fine.
24	1022·7	1021·0	92·4	90·8	x100	x87	2·2	1·1	17·5	17·8	78	88	Calm 0	Calm 0	6	10 ∞	2·8			Fine till 14 h. ☂ 14–17 h. ●
25	1019·6	1019·3	93·0	90·4	98	86	1·8	1·2	18·9	17·2	82	87	Calm 0	24 1	7 ∞	7 ∞	—			Fine and sunny. ∞
26	1018·3	1017·6	93·6	89·7	97	x87	2·2	1·1	18·6	16·5	78	88	20 2	Calm 0	4 ∞	8 ∞	2·5			Fine and sunny. ∞
27	1020·3	1023·7	88·3	84·7	94	85	0·8	1·8	15·6	10·7	91	79	Calm 0	Calm 0	10	2	—			Showery early; fine after 15 h.
28	1025·4	1026·7	86·9	87·2	92	86	1·3	1·4	13·3	13·5	85	84	20 2	20 2	10	10	0·3			Fair to fine.
29	1025·0	1022·7	86·3	87·8	89	85	0·3	0·4	14·7	15·9	97	96	20 3	20 4	10 ● ≡ ●	10 ● ● ≡ ●	7·1			●⁰ ≡⁰. o.
30	1019·3	1020·6	87·6	86·8	90	x87	0·1	2·1	16·2	12·0	99	76	20 4	28 3	10 ● ≡ ●	7	4·1			●⁰ ≡⁰ generally; evening fair.
31	1022·3	1020·6	87·4	85·9	93	81	2·1	1·8	12·6	11·7	77	80	Calm 0	20 3	5	10	3·3			Fine and sunny; evening clear.
Mean	1015·2	1015·5	87·0	86·2	91·1	83·4	1·3	1·3	13·6	13·0	85	85	1·3	1·3	8·8	8·3	74·1			
Mean Pressure at Station Level.	1013·8	1014·1																		

DOUGLAS, ISLE OF MAN, a.—JULY 1916.

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 = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local 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.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	Remarks.
1	1008·1	1004·7	83·6	83·0	n86	n81	0·3	0·6	12·2	11·2	97	93	8 2	24 2	10 ●	10	10·4	0·2	n79	● early and 8 h.–noon.
2	1006·4	1008·4	86·1	84·4	88	82	1·7	0·8	12·2	11·9	82	89	26 2	26 1	7	10	—	2·6	81	c.
3	1007·8	1007·8	86·9	85·8	90	83	1·7	1·1	12·9	12·9	81	87	12 1	Calm 0	8	10	—	4·4	82	p a. c. ☂ 11 h.
4	1009·8	1010·8	87·4	85·2	91	84	1·6	1·6	13·2	11·2	81	80	12 1	28 1	4 ∞	10	—	9·1	83	p p ∞ a. Very fine.
5	1013·5	1016·2	84·7	84·1	91	82	2·3	0·8	10·2	11·9	74	90	30 4	22 1	2	8	3·3	4·4	81	c. from 9 h. p ≡ p.
6	1012·2	1005·4	84·9	84·7	n86	n81	0·2	0·0	13·5	13·5	96	100	16 1	8 2	10	10 ≡ ●	x 20·3	—	n79	● most of day. ≡
7	1000·3	1000·0	85·9	84·1	87	84	0·0	0·5	14·9	12·2	100	93	12 1	28 3	10 ≡	8	4·3	—	84	≡ ² ● a. ≡ ² ● 11 h.–15 h.
8	1002·0	1005·4	85·2	82·7	88	82	1·1	0·3	12·2	11·5	86	96	26 4	24 1	8	7	0·8	7·2	82	q. a. Fine. ● showers after 18 h.
9	1007·4	1009·8	85·2	84·7	87	82	1·5	1·1	11·5	11·9	82	86	24 4	20 3	7	8	—	5·0	80	c. and q.
10	1009·8	1012·8	84·7	84·7	87	83	0·7	1·1	12·5	11·9	92	86	24 4	24 5	10	10	1·3	0·7	81	o. and q.
11	1014·2	1017·3	85·2	85·4	89	84	1·0	0·7	12·5	12·9	87	91	24 6	26 1	10	10	4·8	2·8	82	c. and q. ● ⁰ afternoon.
12	1009·8	1005·7	85·2	86·1	90	85	0·0	0·3	14·2	14·6	100	96	20 4	26 2	10 ●	10	4·6	0·6	85	o., with ●. ≡ before 15 h. ●
13	1011·2	1014·9	85·2	84·1	89	84	0·9	1·1	12·5	11·5	88	86	30 3	28 7	8	4	—	10·6	85	c. a., then fine. q.
14	1018·3	1020·3	84·7	84·1	87	83	1·1	1·1	11·9	11·5	86	86	28 6	28 4	8	8	—	1·8	81	Dull and q.
15	1022·0	1021·0	86·3	85·7	90	84	1·6	0·5	12·5	13·9	81	94	24 2	20 2	10	10	2·3	1·7	81	c.
16	1017·3	1017·9	88·6	85·5	90	85	0·4	0·3	16·9	13·9	96	96	26 3	26 6	10 ●	8	0·3	0·2	85	● ⁰ a. o. q. after 13 h.
17	1019·6	1021·7	85·2	83·7	87	84	1·4	0·7	11·9	11·5	83	91	28 6	28 6	4	4	—	11·5	83	Fine, but q.
18	1022·0	1020·0	86·3	85·8	87	82	2·7	1·1	10·8	12·9	70	87	28 2	24 1	8	8	—	1·7	80	p p a. c. to dull.
19	1020·0	1022·0	86·9	88·0	92	84	2·2	0·8	11·9	15·2	75	91	28 3	30 1	7	6 p	—	7·3	82	p p a. Fine.
20	1023·7	1025·0	89·1	89·7	93	87	0·5	0·9	16·9	16·9	94	91	26 2	26 1	10 ≡	4 p	—	4·6	85	≡ p a., then dull to very fine.
21	1025·4	1025·7	91·6	88·6	94	x89	1·8	0·3	17·3	16·9	82	97	10 1	10 1	7	2 p	—	10·5	88	
22	1025·4	1024·4	91·3	90·2	x96	87	1·6	1·6	17·3	15·9	83	82	12 2	28 1	0 ∞	2 p p	—	12·0	86	≡ ² a. ∞. Very fine.
23	1024·4	1024·0	93·0	89·8	x96	88	2·2	1·0	17·9	16·9	78	89	12 2	24 1	2 ∞	2 p p p	—	12·0	86	p p ∞ a. Very fine.
24	1023·7	1022·0	91·5	89·1	x96	88	2·8	0·7	15·2	14·9	73	82	10 2	4 1	0 ∞	3 p p p	—	13·3	86	p p ∞ a. Very fine.
25	1022·0	1021·7	86·9	88·0	89	86	0·1	0·6	15·6	15·9	99	94	20 1	20 1	10 ≡	10	—	0·2	84	But, with ≡.
26	1021·3	1020·3	87·4	87·4	91	87	0·3	0·5	15·6	15·2	95	93	16 1	24 1	10 ≡	3 p	—	6·0	87	≡ ² a. Very fine after 15 h.
27	1021·3	1024·4	90·2	86·4	92	85	1·1	1·2	17·3	13·2	88	86	24 2	28 2	7	3	—	10·4	83	p ² a. Very fine.
28	1027·4	1029·4	88·8	86·6	92	84	2·7	1·4	12·9	12·9	72	84	28 2	26 1	6	3 p p	—	14·0	81	p a. and p. Very fine.
29	1029·4	1027·4	90·2	89·1	93	85	3·3	0·7	13·2	16·9	n67	93	24 3	24 1	3	0 p	—	11·6	83	p a. Very fine.
30	1025·0	1023·0	90·8	90·2	95	x89	2·2	0·8	15·6	17·6	77	91	24 3	24 1	8	7	—	6·0	86	p a. Bright intervals.
31	1023·7	1023·3	88·0	86·8	92	86	2·8	1·0	11·9	13·9	71	88	30 2	10 1	8	10	—	7·0	86	Very fine. c. after 18 h.
Mean	1016·9	1017·2	87·3	86·2	90·4	84·5	1·4	0·8	13·7	13·7	84	90	2·6	2·0	7·2	6·6	52·4	5·77	83·1	
Mean Pressure at Station Level.	1006·5	1006·7																		

x denotes the maximum and *n* the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

SHREWSBURY, SHROPSHIRE.—JULY 1916.

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 = 0·30 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir. (0–12)	Dir. (0–12)	Tenths of Sky covered.		mm.	hr.	200+	
1	1010·3	1008·1	84·8	85·8	n89	83	0·9	2·1	12·3	11·2	90	76	18 3	20 3	10	8	1·3	No record.	81	c. and cool. Fine evening.
2	1007·2	1008·3	90·2	86·3	90	85	3·0	1·1	13·5	13·2	70	87	20 4	22 4	6	10	5·0		82	o. ●⁰ in evening.
3	1007·5	1006·9	88·0	85·8	92	84	1·7	0·4	13·7	14·0	82	95	24 2	20 2	8	9	—		80	c.
4	1009·1	1009·7	87·4	85·3	91	83	1·1	0·9	14·2	13·5	87	89	Calm 0	26 2	10	9	0·4		81	Dull.
5	1012·9	1015·8	89·1	84·4	91	82	2·3	0·8	13·7	12·0	76	89	24 1	32 1	10	2	2·8		80	g.
6	1014·0	1006·6	87·6	85·8	91	82	2·1	0·0	12·7	14·7	78	100	28 1	20 1	10	10	x 11·7		80	Dull, with steady ● from 14 h.
7	999·8	999·5	87·7	87·4	92	85	0·3	0·8	16·0	14·8	97	90	Calm 0	20 1	10	10	1·4		84	● n. ● showers during day.
8	1002·8	1006·2	87·1	84·1	91	84	2·8	1·7	11·2	10·5	71	80	24 1	26 1	5	3	—		82	Fine, but cooler.
9	1010·6	1011·9	88·1	84·7	91	82	3·5	1·7	10·9	10·9	64	80	28 3	28 1	7	8	—		79	Fine.
10	1011·6	1014·4	88·7	85·1	90	n80	3·4	0·7	11·7	12·8	66	91	28 2	26 3	5	10	0·5		78	c., with ●⁰ showers.
11	1016·4	1017·7	87·3	86·3	90	84	3·1	1·1	11·0	13·2	68	87	28 3	26 2	8	10	—		81	Dull.
12	1013·7	1007·0	89·3	88·0	91	86	3·0	0·6	12·8	15·8	70	94	Calm 0	24 3	10	10	4·8		83	● showers.
13	1009·2	1014·3	89·2	86·1	91	86	0·8	2·0	16·7	11·6	92	77	22 1	22 2	8	8	6·5		85	c. ●² noon. ● showers later.
14	1017·0	1019·7	85·8	84·2	n89	82	1·7	1·2	11·8	11·3	81	85	26 1	28 2	9	4	—		80	Dull.
15	1022·1	1022·1	86·9	86·1	92	84	2·2	1·3	11·9	12·7	75	85	Calm 0	20 3	10	8	1·2		79	Dull. ●⁰ showers.
16	1019·1	1017·7	89·2	88·0	92	86	0·9	0·6	16·4	15·8	90	94	22 1	22 3	10	10	6·3		82	Dull. ●² shower noon.
17	1019·0	1020·7	86·3	86·9	90	84	1·1	1·3	13·2	13·3	87	85	26 3	26 2	10	10	—		85	Dull.
18	1021·6	1020·4	88·0	88·0	92	84	3·6	4·0	10·8	10·3	64	n60	Calm 0	2 2	8	4	0·6		84	Dull.
19	1020·3	1021·0	89·1	86·9	95	82	3·3	1·0	12·2	13·9	67	88	2 1	2 1	4	10	—		80	Fine.
20	1023·1	1024·0	91·3	90·4	95	84	2·7	1·0	15·1	17·6	73	90	32 1	32 1	2	8	—		81	Fine.
21	1024·7	1025·3	91·6	89·7	97	x87	1·4	0·5	18·1	17·8	85	95	Calm 0	Calm 0	8	9	8·3		84	☂ ● 15 h.–16 h.
22	1025·1	1022·9	90·2	92·3	97	x87	1·4	1·4	16·6	18·9	85	85	28 1	Calm 0	8	10	—		84	Fine, with ∞. Dense mist n.
23	1024·6	1023·2	85·8	90·9	97	84	0·1	1·7	14·4	16·8	99	82	Calm 0	28 1	10	10	—		82	o. Dense mist n.
24	1023·7	1021·8	88·0	89·4	97	82	0·6	1·4	15·8	15·7	94	84	Calm 0	4 1	10	10	—		81	o. ≡⁰ n.
25	1021·8	1021·2	93·7	90·6	x100	82	3·5	0·9	16·4	17·9	67	90	32 1	26 1	10	10	—		80	o. ≡⁰ n.
26	1020·6	1019·6	90·2	91·3	x100	x87	0·8	1·1	17·7	18·4	91	88	Calm 0	Calm 0	10	10	—		87	o. ≡⁰ n.
27	1020·9	1023·2	90·7	88·9	99	86	1·6	1·2	16·8	15·5	84	86	26 1	32 3	6	10	—		83	Fine. ≡⁰ n.
28	1026·9	1028·6	91·3	87·2	95	83	1·1	1·8	18·4	13·0	88	80	30 2	4 2	2	5	—		80	Fine. ≡⁰ n.
29	1029·5	1028·2	92·4	89·1	97	n80	4·1	1·7	13·9	14·9	62	82	2 1	2 1	2	4	—		n77	Fine. ≡⁰ n.
30	1026·4	1024·1	95·2	91·9	x100	84	3·6	1·6	17·9	18·1	67	84	26 1	28 1	1	2	—		81	Fine.
31	1023·1	1023·0	93·6	89·7	96	x87	2·3	0·9	18·6	16·9	78	90	Calm 0	24 1	9	3	—		84	Fine.
Mean	1017·3	1017·2	89·2	87·7	93·6	84·0	2·1	1·2	14·4	14·4	79	86	1·1	1·6	7·6	7·9	50·8		81·6	
Mean Pressure at Station Level.	1009·6	1009·4																		

CAMBRIDGE,* a.—JULY 1916.

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 = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local mean time.

Day.	8 h.	20 h.	8 h.	20 h.			8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.			Remarks.
1	1015·5	1009·5	86·1	88·3	91	n80	1·7	2·1	12·2	13·2	81	77	16 2	20 4	10	5	—	0·7	77	o. most of day. ●⁰ 15 h.–17 h.
2	1009·0	1008·9	88·4	88·6	94	n80	2·1	1·8	13·5	14·2	77	81	20 5	Calm 0	5	8	—	7·8	n75	Fine.
3	1008·8	1008·3	87·7	88·0	93	82	1·4	1·1	13·9	14·9	84	88	20 1	16 2	8	9 ● ⁰	0·5	2·2	76	o. most of day. [dull.
4	1008·3	1008·3	89·1	89·6	95	82	2·2	1·0	13·9	16·6	77	89	16 1	4 4	2	3	—	6·3	77	≡ a. Bright and warm a., then
5	1011·4	1016·0	86·3	86·3	94	84	0·2	0·0	14·6	15·2	97	100	28 1	32 1	10	10	1·5	2·6	79	≡ a. ☂ 13 h.–18 h. ● 17 h. 30 m.–18 h.
6	1015·6	1010·0	87·3	87·4	94	85	1·0	1·1	14·6	14·2	89	87	20 1	18 2	10	10 ● ⁰	1·8	—	80	≡ ● ² showers n. o. most of day. [30 m.
7	1001·7	999·0	87·6	88·1	93	86	0·6	0·0	15·2	16·9	93	100	12 4	18 2	10 ●	10	7·1	1·6	84	● a. ☂ 14 h. ● from 16 h.
8	1002·0	1006·3	87·4	86·3	92	85	0·8	1·1	14·9	13·2	92	87	24 2	Calm 0	10	4 p	—	6·1	81	o. till 10 h. Fine. [30 m.
9	1010·4	1012·3	89·3	88·7	93	n80	2·8	2·4	13·2	13·2	72	75	20 5	20 1	3	5	—	8·9	76	Fine. [later.
10	1013·2	1014·9	86·1	86·6	92	81	1·2	1·5	12·9	12·9	87	83	22 3	22 1	10	4	7·4	4·5	77	o. early. ☂ 11 h. ●². Fine
11	1017·2	1017·9	86·6	87·4	90	85	1·4	2·6	12·9	11·9	84	72	24 3	24 3	10	10	—	—	82	o. all day.
12	1016·1	1009·0	89·1	87·6	92	86	3·0	0·7	12·9	15·2	70	91	20 4	20 5	5	9 ● ⁰	1·3	1·8	83	Sunny a., then o. ● 13 h. and 14 h.
13	1008·5	1013·2	88·0	87·4	91	x87	1·1	0·3	14·9	15·6	88	96	24 4	16 1	10	10 ● ⁰	x 9·9	—	84	o. all day. ● 16 h. ●² 17 h. 30 m.
14	1015·0	1018·5	87·4	85·7	91	83	2·2	0·6	12·5	13·5	76	93	32 3	4 1	5	10	—	2·7	80	Sunny a., then o.
15	1021·0	1021·9	88·0	85·4	91	81	3·2	0·7	11·5	12·9	68	91	28 4	28 1	3	8	1·0	3·3	78	Sunny a., then c.
16	1019·3	1015·9	86·8	89·7	92	84	0·4	0·3	14·9	18·3	95	98	22 3	24 1	10 ●	10 ● ⁰	2·0	—	80	● most of day.
17	1017·8	1018·4	88·4	88·6	90	x87	0·4	0·3	16·6	16·9	96	97	32 1	30 1	10 ≡	10 ● ⁰	5·6	—	86	≡ early. Dull. ●⁰ 18 h., g. n.
18	1020·7	1019·3	85·8	87·1	92	84	1·4	1·8	12·2	12·9	84	80	4 3	8 1	8	10	—	7·6	83	Fine.
19	1019·1	1019·7	88·2	87·7	95	84	2·2	1·1	13·2	14·6	76	87	28 2	30 1	7	10	—	5·2	80	c., with sunny intervals.
20	1022·4	1023·3	89·4	88·6	96	82	2·5	0·9	13·5	15·9	74	91	32 3	Calm 0	3	0 ≡ p	—	7·4	80	Warm and sunny till 14 h., then dull.
21	1023·5	1024·8	92·4	89·3	96	84	2·6	0·6	16·6	17·3	75	93	Calm 0	4 3	3	10 ● ⁰	7·1	1·3	80	≡ p a. Sultry. ☂ 14 h. ●
22	1025·2	1023·9	86·1	86·2	91	85	1·0	1·5	13·2	12·5	88	82	2 3	4 3	10	10 p p	—	6·5	85	● ⁰ early. o. Sunny 13 h.–19 h.
23	1024·0	1023·8	84·7	85·5	n89	83	1·1	1·2	11·9	12·2	87

ARMAGH, a.c.d.—JULY 1916.

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 = 0·30 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir. m/s.	Dir. m/s.	Tenths of Sky covered.		mm.	hr.	200+	
1	1006·1	1005·4	83°6	83°0	87	81	0°5	0°6	11·9	11·3	94	93	— 1	— 0	10●	10	2·0	—	76	o., with ● showers.
2	1006·8	1008·1	87·3	84·7	90	80	2·7	0·7	11·6	12·5	72	91	— 1	— 0	8	10	0·1	1·8	76	o. most of day.
3	1007·8	1008·4	86·8	85·0	90	81	1·5	0·7	13·1	12·8	83	92	— 1	— 0	10	10	1·0	3·0	77	c. T 14 h.
4	1010·1	1011·5	85·1	84·8	92	80	0·9	0·9	12·5	12·3	89	89	— 1	— 1	10	10	0·1	3·4	76	c.
5	1013·5	1015·2	85·2	84·2	89	82	2·1	0·8	10·6	11·9	76	90	— 1	— 0	10	0	—	0·2	82	o.
6	1011·5	1005·1	84·9	83·6	87	81	1·2	0·1	11·7	12·5	84	98	— 1	6 2	10	10	3·5	—	78	o.
7	1001·7	1003·7	85·0	84·1	90	83	1·2	1·7	12·0	10·5	86	81	32 2	30 2	10	10	—	5·4	83	Fine.
8	1003·7	1006·1	86·3	83·8	90	80	2·6	1·5	10·9	10·6	71	83	— 1	— 1	8	7	0·2	3·3	n 75	c.
9	1008·1	1009·8	85·0	84·2	90	81	1·9	1·6	10·8	10·6	77	80	— 1	— 1	10	10	5·5	7·8	80	Fine.
10	1009·8	1013·5	83·8	83·9	n 86	82	0·3	0·8	12·3	11·6	95	90	— 1	24 2	10●	10	3·8	—	81	o.
11	1014·5	1015·2	85·0	85·9	89	82	0·4	1·1	13·3	12·9	95	88	— 1	— 1	10	10	2·8	1·1	81	o.
12	1007·8	1006·4	86·6	87·6	91	86	0·3	0·2	14·9	16·0	97	97	— 1	— 0	10●	10●	x 12·2	0·1	84	● most of day.
13	1012·2	1018·3	85·6	84·8	89	82	1·2	1·3	12·4	11·6	87	84	— 1	— 1	9	10	—	0·9	80	o.
14	1020·0	1021·3	85·4	85·3	91	83	1·5	1·4	11·8	11·9	82	83	— 1	— 0	10	10	—	3·6	81	c.
15	1021·3	1019·6	86·4	87·6	91	85	1·4	0·3	12·8	15·9	84	96	— 1	20 2	10	10	0·9	0·3	84	o.
16	1017·6	1020·0	88·7	87·2	90	87	0·6	0·5	16·6	15·1	94	94	— 1	— 1	10	10	1·1	—	87	o.
17	1022·0	1024·0	87·9	82·6	91	82	2·8	1·2	11·9	10·2	70	86	— 1	— 0	5	7	—	10·7	83	Fine.
18	1022·7	1019·6	85·5	85·9	88	n 79	1·3	1·3	12·2	12·5	84	85	30 3	— 1	10	10	—	—	76	o.
19	1019·6	1021·7	86·9	89·7	94	84	0·7	0·8	14·3	17·2	90	91	— 1	— 0	10	10	0·3	1·0	81	o.
20	1023·7	1024·7	90·3	90·0	95	88	0·9	0·3	17·6	18·6	90	97	— 0	— 1	10	10	0·1	0·2	87	o.
21	1025·0	1024·7	91·8	92·1	98	x 89	0·9	1·8	19·4	17·8	90	82	— 0	— 1	8	7	—	6·8	86	Fine.
22	1024·0	1023 3	94·8	91·6	x 99	87	3·1	2·1	18·4	16·7	70	80	— 1	— 0	1	8	—	11·6	83	Very fine.
23	1024·4	1024·4	89·7	89·6	x 99	86	0·6	1·2	17·6	16·5	93	88	— 0	— 1	10	8	—	9·0	83	Very fine. T 17 h.–19 h.
24	1022·7	1020·3	92·4	91·1	98	86	1·6	1·0	18·6	18·4	83	89	— 1	— 1	7	10	2·6	4·7	83	Fine a. ●² shower 13 h. [13 h.–14 h.
25	1020·0	1018·9	89·5	91·3	96	86	0·7	1·3	17·2	17·9	93	86	— 0	— 1	5	7	—	8·4	84	Fine.
26	1018·3	1018·6	92·9	90·4	96	87	3·3	1·7	15·9	16·1	70	81	— 1	— 0	1	10	2·9	7·7	85	Fine.
27	1022·0	1025·0	88·6	87·1	95	86	1·4	1·9	14·9	12·6	86	79	— 1	— 0	9	9	—	5·3	86	Fine.
28	1027·4	1028·8	89·4	88·1	93	81	3·1	1·6	12·7	14·0	n 69	83	— 1	— 0	9	10	—	2·3	79	c.
29	1028·4	1026·7	89·7	91·3	96	83	2·0	0·6	15·0	19·4	80	93	20 2	22 2	10	0	—	6·2	81	Fine.
30	1024·7	1022·3	90·1	89·7	97	x 89	1·5	0·5	16·1	17·8	83	95	22 2	— 1	10	10●	3·5	1·5	87	c.
31	1023·7	1021·3	87·6	87·9	91	88	1·8	1·7	13·2	13·7	80	82	— 1	16 2	10	10	—	0·7	85	o.
Mean	1016·8	1017·1	87·7	87·1	92·2	83·7	1·5	1·1	14·0	14·2	84	88	1·0	0·8	8·7	8·8	42·6	3·45	81·6	
Mean Pressure at Station Level.	1009·4	1009·8																		

DUBLIN (PHŒNIX PARK), a.c.—JULY 1916.

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 = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin 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.	Dir. (0–12) 9 h.	Dir. (0–12) 21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.
1	1003·0	1006·4	82·2	83·9	n 88	80	0·3	0·5	11·2	12·2	97	93	28 4	Calm 0	10●	8	x 16·5	0·4	n 74	●² a. and p. o.
2	1007·4	1008·1	85·1	83·6	89	84	0·4	0·6	13·5	11·9	95	92	Calm 0	Calm 0	10●	0	3·3	2·5	82	● a. c.
3	1007·4	1008·1	86·6	83·2	89	81	0·9	0·4	13·9	11·9	90	96	Calm 0	Calm 0	8	1	9·0	2·9	81	●² a. c.
4	1009·8	1010·8	86·6	85·0	91	80	1·5	0·6	12·9	12·9	82	93	28 1	Calm 0	8	10●	3·5	1·9	75	●² a. c. ●² showers 20 h.
5	1014·2	1014·9	87·3	85·2	90	81	2·6	0·6	11·9	13·2	73	92	20 3	Calm 0	6	9	—	4·3	77	c.
6	1010·5	1003·0	86·9	85·8	89	84	2·0	0·2	12·2	14·2	78	98	Calm 0	Calm 0	10	10	5·8	—	81	o., with ● a. and p.
7	1001·0	1003·4	85·0	83·7	90	84	0·7	1·8	12·9	10·2	91	78	Calm 0	24 1	10	1	—	2·2	84	c.
8	1005·1	1007·4	87·1	83·6	90	80	3·6	1·7	10·2	10·2	n 63	81	24 7	24 2	7	3	1·0	10·8	78	●² showers a. Bright.
9	1009·5	1011·2	87·3	83·4	90	82	3·4	1·0	10·5	11·2	66	88	24 3	24 1	3	5	5·0	7·9	79	Fine. ●⁰ showers ⌒ 18 h.
10	1011·8	1015·6	84·7	84·9	89	82	0·8	1·6	12·5	11·2	91	80	24 5	24 6	10●	9	0·6	0·8	79	●⁰ a. Dull and c. ● showers p.
11	1016·6	1016·6	86·9	88·3	90	84	2·2	1·2	11·9	14·9	76	87	24 5	24 3	8	7●	5·0	0·7	81	o. ●⁰ p.
12	1007·4	1007·4	89·1	87·5	93	86	1·1	0·4	15·9	15·6	88	95	24 5	24 4	8	10	7·6	2·3	81	● a. c. ●² showers p.
13	1012·8	1017·6	87·2	85·6	90	86	2·4	2·0	11·9	11·2	74	78	28 3	28 1	8	6	—	2·5	85	●² a. c.
14	1020·0	1022·0	86·3	83·3	91	84	2·4	0·5	11·2	11·9	74	94	28 3	Calm 0	8	2	—	1·7	82	c.
15	1022·7	1020·6	87·2	89·7	92	81	2·0	1·3	12·5	16·3	78	86	24 1	Calm 0	8	4	—	2·6	76	c.
16	1018·3	1019·6	89·6	88·3	92	x 89	0·7	0·5	17·3	16·3	93	94	20 3	Calm 0	9	8	0·7	0·1	86	o.
17	1021·7	1023·7	87·4	85·1	92	83	3·0	1·0	11·2	12·2	69	87	28 4	Calm 0	5	1	—	12·6	83	Beautiful day.
18	1023·0	1021·0	87·4	86·1	89	n 79	2·3	1·2	12·2	12·9	75	86	28 2	Calm 0	7	5	—	4·2	75	c.
19	1020·6	1022·0	87·9	89·2	92	84	1·8	0·3	13·5	17·6	81	97	28 3	Calm 0	8	8	0·4	0·8	82	o. ●⁰ p.
20	1024·0	1024·4	90·4	89·1	96	x 89	1·1	0·3	17·3	17·6	88	97	24 3	Calm 0	8	6	—	1·2	87	c.
21	1025·0	1025·0	92·3	89·9	96	87	1·2	0·3	19·3	18·6	87	97	Calm 0	Calm 0	5	1	—	7·8	85	Fine.
22	1024·0	1023·7	93·9	90·0	96	83	2·7	0·3	18·3	18·6	74	96	Calm 0	Calm 0	1	1	—	12·3	81	Beautiful day.
23	1024·0	1024·0	94·9	90·7	x 97	84	2·5	0·1	20·0	20·0	76	99	Calm 0	Calm 0	1	0	—	10·8	82	Beautiful day.
24	1022·7	1020·3	93·2	89·7	96	84	1·7	0·3	19·6	18·3	83	97	Calm 0	Calm 0	3	6	—	6·4	81	Fine.
25	1020·3	1020·0	92·3	89·1	96	84	1·6	0·6	18·6	16·9	84	94	Calm 0	Calm 0	6	1	—	6·1	81	Fine.
26	1019·3	1019·3	91·4	89·4	96	83	1·6	0·3	17·3	17·9	83	96	Calm 0	Calm 0	3	4	0·6	10·3	80	Bright.
27	1022·3	1025·4	89·2	86·3	94	86	1·6	0·5	14·9	14·2	82	93	28 1	Calm 0	8	5	—	3·6	83	c.
28	1028·1	1029·8	89·9	86·9	94	80	2·6	0·8	13·9	14·2	74	91	Calm 0	Calm 0	4	6	—	8·5	77	Fine.
29	1029·4	1028·1	91·4	91·6	x 97	82	0·8	0·5	19·0	20·3	91	96	20 2	Calm 0	1	7	—	10·5	79	Fine.
30	1026·4	1023·7	91·1	91·6	x 97	x 89	0·5	0·7	19·3	20·0	94	94	20 4	Calm 0	9	9	1·9	5·2	87	c.
31	1023·7	1021·7	87·6	86·8	92	86	0·9	1·0	14·9	13·9	90	88	12 2	Calm 0	10●	9	0·2	2·7	87	● showers, a. c.
Mean	1017·1	1017·6	88·6	87·0	92·3	83·5	1·7	0·7	14·6	14·8	82	91	2·1	0·6	6·8	5·2	61·1	4·74	81·0	
Mean Pressure at Station Level.	1011·4	1011·8																		

x denotes the maximum and n the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON.
October 5th, 1916.

[*Price Sixpence.*]

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1916.

DEERNESS, ORKNEY, a.b.c.—AUGUST 1916.

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 = 0·30 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir. m/s	Dir. m/s.	Tenths of Sky covered.		mm.	hr.	200+	
1	1008·8	1010·1	85°2	85°4	89	84	0°4	1°8	13·3	11·3	94	79	16 10	22 12	10	1	2·5	2·1	°	●⁰ showers.
2	1016·9	1014·9	84·6	85·9	87	84	1·2	0·3	11·6	14·3	87	97	24 10	22 11	10●⁰	10	2·0	—		●⁰ showers all day.
3	1017·6	1022·0	85·6	82·9	86	83	1·8	0·6	11·5	11·2	79	92	26 15	26 6	7	9	1·3	3·1		●⁰ showers all day.
4	1027·7	1028·8	85·6	83·8	87	82	1·7	0·7	11·7	11·8	81	91	30 6	— 1	3	9	—	14·3		Fine and bright.
5	1025·0	1025·7	85·6	83·3	87	84	0·6	0·7	13·5	11·5	93	92	26 7	28 7	10	10	—	0·9		Dull ; ●⁰ showers.
6	1028·4	1028·8	84·9	82·8	87	83	1·4	0·5	11·4	11·3	83	94	32 4	— 1	8	0	—	10·8		Very fine
7	1027·7	1026·4	83·6	83·2	n 85	82	1·2	0·4	10·8	11·7	84	94	10 2	12 4	8	5	—	10·3		Fine all day. [later. ⌓².
8	1024·7	1023·0	83·4	84·4	87	83	0·1	0·4	12·4	12·7	98	95	14 2	— 1	10≡	3	—	—		≡⁰ till 8½ hr. then ≡²; clearing
9	1022·3	1022·3	88·6	84·4	x 92	84	1·4	0·0	14·8	13·4	84	100	14 2	6 2	0	10≡²	—	11·3		≡⁰ then very fine. ≡² after 20 h. ⌓².
10	1022·3	1021·3	83·4	85·2	87	82	0·1	0·2	12·5	13·7	99	97	— 1	32 2	10≡·²	10≡⁰	—	—		≡ and ≡² till 15 h., then ≡⁰.
11	1019·6	1014·9	84·6	83·9	n 85	83	0·1	0·0	13·3	13·0	98	100	14 5	12 8	10≡·²	10≡·²	—	—		≡² all day.
12	1009·5	1002·7	85·0	85·6	86	84	0·0	0·5	14·0	13·5	100	94	14 8	14 7	10≡·²	10≡⁰	1·3	—		≡·²↓ till 17 h. ; ∞ after.
13	998·6	997·6	86·9	85·6	90	x 85	0·8	0·3	14·3	13·8	90	96	14 4	14 2	7	10	—	8·6		Fine. ⊕.
14	996·3	997·6	85·8	85·5	86	x 85	1·4	0·1	12·3	14·2	84	98	12 7	8 6	10≡⁰	10≡·²	4·6	—		≡² after 9 h. ● 8 h.–20 h.
15	1003·0	1004·2	85·4	85·0	87	84	0·0	0·0	14·3	14·0	100	100	8 5	6 7	10≡·²	10≡·²	2·0	—		≡² all day.
16	1010·8	1007·4	85·7	84·7	88	x 85	0·1	0·1	14·3	13·4	98	99	6 6	4 3	10≡·²●	10≡·²●	x 4·8	—		≡·², ● a. Fine 12 h., then ≡·².
17	1011·8	1011·2	85·1	82·8	n 85	82	0·1	0·7	12·2	10·9	100	92	2 4	32 3	10≡·²	10	—	—		≡·². ● early, then fair.
18	1012·2	1010·8	84·6	83·3	87	82	0·4	0·4	12·9	11·8	95	95	32 3	32 4	10	10	1·3	0·5		Dull all day.
19	1010·5	1010·4	85·3	84·9	87	82	0·7	0·8	11·9	12·0	91	90	28 3	— 1	10●	10●⁰	3·6	4·6		● showers a. ; fair p.
20	1010·5	1009·1	83·8	82·8	86	82	0·4	0·6	12·2	11·2	94	93	30 4	30 2	9	4	—	1·3		Fine. ● 21 h.
	1008·8	1012·2	84·4	83·6	87	81	0·7	0·3	12·3	12·3	92	96	28 4	28 6	9	10●⁰				
21	1014·5	1017·6	84·3	82·4	86	82	0·7	0·5	12·2	10·9	91	94	30 6	30 4	10●⁰	9	0·5	4·4		d. early ; bright intervals.
22	1018·6	1017·4	84·0	84·0	87	83	2·5	1·8	9·2	10·2	71	78	28 3	— 1	10	10	—	1·8		●⁰ showers early ; fine later.
23	1014·1	1010·3	85·8	86·1	89	83	1·6	0·4	11·9	14·2	81	95	16 2	— 1	10	9	0·7	5·6		Very fine all day.
24	1007·8	1006·2	84·9	83·8	86	84	0·4	1·1	13·1	11·1	95	86	32 3	6 2	10●	10	0·4	—		Very fine all day.
25	1004·4	999·3	84·5	84·7	n 85	84	0·6	0·2	12·4	13·2	92	97	8 3	6 4	10	10●	x 48·7	—		Fine. ●⁰.
26	994·1	997·3	84·5	83·9	n 85	83	0·1	0·4	13·4	12·3	99	95	4 6	32 2	10●	10●	15·4	—		Dull, but fair.
27	998·3	999·5	84·3	83·2	86	82	0·6	0·6	12·2	11·4	92	92	— 1	32 2	10	10●	6·5	—		Fair.
28	1002·0	1005·1	84·1	82·9	87	80	2·0	1·5	10·0	9·8	76	81	28 4	— 1	2	5	—	4·7		Fine and bright.
29	1005·1	1004·7	85·4	84·7	88	n 79	2·9	1·1	9·7	11·8	68	86	26 2	— 0	0	4	—	8·3		Very fine day. ⌓⁰ ⌓.
30	1005·6	1008·6	83·5	84·6	87	n 79	0·8	1·6	11·4	11·0	90	81	26 2	16 2	4	8	—	9·7		Fair to c.
31	1006·7	1003·7	87·0	87·4	89	82	2·6	1·2	11·4	14·0	72	86	18 5	— 1	4	8	—	2·3		⌓ ≡⁰a. ⊕ 9 h. Fair to fine. Fair a. c. to dull.
Mean	1012·0	1011·9	84·7	83·6	86·8	82·6	0·9	0·6	12·2	11·8	89	92	5·0	4·1	7·9	7·2	25·7	3·79		
Mean Pressure at Station Level.	1006·0	1005·9																		

ABERDEEN, a.c.e.—AUGUST 1916.

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 = 0·61 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.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.
1																								
2	1014·1	1015·2	87·7	89·0	95	86	1·7	2·8	13·4	12·8	81	71	18 4	20 2	10	8	1·0	2·8		Dull a. ●⁰p. Fair to c. n.
3	1020·0	1019·6	87·6	89·6	92	85	3·0	3·2	11·4	12·8	69	68	14 2	20 3	10	8	—	3·2		Dull a. c. to fair p.
4	1021·0	1022·2	90·5	87·6	94	85	3·8	0·9	12·7	14·8	64	90	26 5	28 4	9	10●	1·7	0·7		Dull. ●⁰n.
5	1028·4	1029·5	86·4	85·2	90	83	3·7	2·5	9·4	10·1	n 62	72	28 6	32 2	0	0	—	15·2		Fine and bright.
6	1026·2	1026·3	88·6	85·8	x 96	81	2·4	1·3	13·2	12·4	75	85	— 1	32 3	0	6	—	14·0		Fine.
7	1028·1	1028·9	84·7	84·0	87	83	1·8	1·4	10·8	10·8	79	83	30 4	— 1	10	5	—	5·4		Dull a. Fair to fine.
8	1028·0	1027·1	84·6	83·8	86	83	2·0	1·0	10·4	11·2	77	87	6 2	16 2	6	0	—	11·0		Dull to fair, then fine.
9	1025·2	1023·6	86·6	86·9	91	82	1·9	1·2	12·2	13·5	79	86	16 3	— 1	0	10∞	—	12·8		Fine. ∞⁰.
10	1022·8	1022·3	88·4	84·7	90	83	1·5	0·2	14·4	13·2	83	97	24 2	— 1	0	10	—	7·4		⌓ ≡⁰a. Fine. ≡p.
11	1022·0	1021·9	87·3	86·0	87	84	0·9	0·6	14·4	13·8	89	93	— 1	— 1	10≡⁰	10≡⁰	—	1·7		Fine a. ≡.
12	1020·3	1016·4	84·5	84·6	86	84	0·3	0·3	13·0	13·0	96	96	12 2	16 3	10≡⁰	10≡⁰	0·2	—		Dull, with ≡⁰.
13	1011·1	1003·7	86·7	88·6	90	85	0·4	1·3	14·8	14·9	95	85	14 4	14 4	10≡⁰	2	—	0·5		≡⁰● a. ≡⁰p.
14	1000·4	998·5	90·4	89·0	93	x 87	1·8	1·1	16·0	15·9	81	88	14 4	— 1	7	8	0·8	3·2		c. a., then dull.
15	995·8	997·3	89·8	86·7	90	86	1·5	0·6	15·9	14·4	84	93	— 1	— 1	10	10≡⁰●	3·7	—		Dull. ●⁰showers. ≡⁰n.
16	1000·3	1004·2	85·9	85·5	87	85	0·5	0·0	13·9	14·4	94	100	6 4	4 3	10≡⁰	10≡⁰	4·9	—		● shower, ≡a. Dull. ≡n.
17	1007·8	1009·8	86·8	86·1	88	85	0·9	0·2	13·9	14·7	89	98	4 3	2 3	10	10≡⁰	1·2	—		Dull, with ≡. ● shower 20 h.
18	1010·4	1011·0	87·2	84·5	88	84	1·2	0·9	13·8	12·0	86	89	2 2	30 2	10	10	—	1·1		Fine early, then dull.
19	1010·0	1010·4	85·3	84·9	87	82	2·3	1·4	10·5	11·4	74	83	28 5	28 3	10	8	1·4	0·9		c. to dull.
20	1010·5	1010·0	84·1	84·4	87	83	0·7	0·8	11·9	12·0	91	90	28 3	— 1	10●	10●⁰	0·1	—		●⁰a. Dull.
	1008·8	1012·2	84·9	85·7	89	82	0·7	1·3	12·6	12·4	91	85	— 1	— 1	8	8	0·4	3·4		●⁰ shower a. Fair to c.
21	1014·6	1017·7	85·6	84·3	87	83	2·0	1·9	11·1	10·2	77	77	28 6	30 3	10	10	—	0·8		Dull.
22	1018·6	1017·4	84·0	84·0	87	83	2·5	1·8	9·2	10·2	71	78	28 3	— 1	10	10	—	0·8		Dull to fair, then dull.
23	1014·1	1010·3	85·8	86·1	89	83	1·6	0·4	11·9	14·2	81	95	16 2	— 1	10	9	0·7	5·6		Dull, with ≡⁰a. Fine p. ∞⁰n.
24	1007·8	1006·2

Fort William, Inverness-shire, a.c.—August 1916.

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 = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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.	hrs.	200+ °	
1	1012·2	1016·9	88·0	86·8	90	86	0·4	1·5	16·0	13·0	95	83	20 4	20 3	10●≡	5	10·4	No record.	No record.	≡; dull and showery.
2	1022·3	1022·7	86·9	87·4	90	84	2·1	0·6	12·1	15·2	76	92	20 2	20 3	10	10●0≡0	0·3			Fair to fine; ●0 ≡0 after 20 h.
3	1025·7	1025·4	89·0	87·4	90	87	2·1	0·7	14·0	15·1	78	92	20 3	20 3	8	10●0≡	—			Dull. ●0. ≡; 21 h.
4	1028·8	1028·8	91·3	87·9	96	86	2·6	1·1	15·5	14·8	75	88	Calm 0	Calm 0	6	0	—			Very fine and sunny.
5	1028·8	1026·7	88·0	87·4	95	85	1·0	1·1	15·0	14·2	89	87	20 1	Calm 0	10≡	0	—			≡ at first; fine after 11 h.
6	1027·4	1026·4	86·3	86·3	95	84	1·4	1·1	12·8	13·2	84	87	4 3	4 2	8≡	0	—			≡ at first; then fine.
7	1026·1	1024·7	86·4	88·0	96	83	1·0	1·8	13·5	13·6	88	81	4 2	Calm 0	10≡	0	—			≡ at first; then fine.
8	1025·0	1022·7	88·6	88·6	97	82	1·7	1·7	14·3	14·3	82	82	Calm 0	Calm 0	0	0∞	—			Fine and sunny. ∞
9	1022·3	1021·3	88·6	88·6	97	83	1·7	1·7	14·3	14·3	82	82	Calm 0	Calm 0	2	5∞	—			Fine and sunny. ∞
10	1022·0	1020·6	89·1	86·3	95	84	1·7	0·2	14·9	14·9	82	98	Calm 0	20 1	2∞	10≡	—			Fine and sunny. ≡0 n.
11	1017·6	1012·2	87·3	90·8	x99	85	0·6	0·6	15·2	19·0	94	94	4 1	20 2	10≡	10	0·8			≡ early; generally fine.
12	1007·8	1000·3	89·1	89·4	95	x89	1·1	0·9	15·9	16·7	89	90	20 2	Calm 0	10●	10	9·7			Dull, with ● showers.
13	998·6	995·9	87·4	87·4	92	84	0·5	0·2	15·3	16·0	94	98	20 2	Calm 0	10●	10●≡	x24·9			Dull, with ● ≡0 ≡.
14	995·6	995·9	87·9	87·0	95	84	1·1	0·3	14·8	15·3	88	97	Calm 0	Calm 0	10	10●0	2·0			Fair to fine; ● showers after 18 h.
15	998·3	1003·4	89·2	86·3	90	86	1·7	0·6	15·0	14·2	82	93	4 4	4 3	8	10●0	3·6			Dull and showery.
16	1007·1	1010·1	89·6	86·3	92	86	2·6	0·6	13·7	14·1	73	92	4 4	4 4	7	8	—			Dull, fair generally.
17	1010·8	1010·1	88·6	87·2	93	86	1·7	1·1	14·3	14·0	82	87	4 3	4 2	9	10	—			Fair to fine; evening dull.
18	1009·8	1010·5	86·3	86·2	89	84	1·7	1·7	12·4	12·2	81	80	4 2	4 2	10	10	1·0			Dull; ●0 showers. ●0 showers.
19	1011·2	1010·1	85·8	86·3	93	84	2·2	0·7	11·0	14·0	75	92	Calm 0	20 2	10	10●0	2·8			Fine and sunny.
20	1009·5	1013·9	87·4	86·8	89	85	1·1	1·6	14·3	12·9	88	82	20 1	Calm 0	9●0	9	1·0			Dull; occasional ●0 showers.
21	1015·9	1017·3	88·5	86·5	95	82	2·7	1·8	12·6	12·2	n72	79	24 1	4 2	2	2	—			Fine and sunny.
22	1017·3	1014·9	87·4	86·3	95	n79	2·4	1·1	12·2	13·2	75	87	4 2	8 2	0	2	—			Very fine, clear and sunny.
23	1012·5	1009·1	86·4	88·0	92	82	1·3	1·4	13·0	14·3	84	85	Calm 0	Calm 0	9∞	10∞	—			Dull. ∞
24	1006·4	1003·7	87·0	85·8	91	86	1·2	1·1	13·6	12·7	86	87	4 2	4 2	10∞	10∞	2·0			Dull.
25	1000·3	995·6	87·4	86·9	90	85	0·6	0·6	15·2	14·7	93	93	Calm 0	4 3	10●≡	10●≡	13·7			● ≡0 ≡ all day.
26	993·9	996·6	85·1	84·5	87	84	0·6	0·4	12·9	12·8	92	95	4 3	4 2	10●≡	10●≡0	8·1			● ≡0 ≡ all day.
27	997·3	999·0	84·1	83·9	n86	83	0·6	0·9	12·2	11·5	93	89	8 2	4 2	10●≡	10	10·9			● ≡0 ≡ all day.
28	1003·4	1005·7	85·2	83·0	91	82	2·2	1·1	10·5	10·5	74	86	Calm 0	Calm 0	10	7	—			Fair to fine; generally sunny.
29	1003·4	1003·7	84·1	85·2	92	n79	1·2	1·7	11·2	11·3	85	80	Calm 0	8 2	10	10	—			Fair to fine; generally sunny.
30	1005·4	1007·8	85·9	83·2	93	81	1·4	1·3	12·3	10·4	84	84	Calm 0	20 2	4	3	0·5			Fair to fine; generally sunny.
31	1004·0	1003·4	87·4	85·9	91	83	1·2	0·6	14·1	13·7	87	93	20 1	24 3	10●0	10●	15·7			Frequent ● showers.
Mean	1011·8	1011·5	87·4	86·7	92·6	84·0	1·5	1·0	13·7	13·8	84	88	1·5	1·5	7·9	7·1	107·4			
Mean Pressure at Station Level.	1010·3	1010·0																		

Douglas, Isle of Man, a.—August 1916.

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 = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local mean time.

Day.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.		
1	1020·3	1019·6	86·9	89·7	92	86	0·6	0·0	14·6	19·0	93	100	20 2	24 1	10≡	10●	4·1	4·7	85	≡ a. c. q. afternoon. ●0
2	1024·7	1027·4	89·1	86·9	92	86	1·7	0·6	14·9	14·6	82	93	24 2	20 1	8	0	—	8·0	84	Fine.
3	1029·1	1028·1	89·1	87·7	93	86	1·7	0·4	14·9	15·9	82	96	28 2	32 2	8	4	—	7·2	84	a. c. Very fine after
4	1029·4	1028·8	88·0	88·0	94	87	0·6	0·6	15·9	15·9	94	94	28 3	24 1	10	0	—	10·1	86	●0 T a. Very fine after 3 h.
5	1029·4	1026·4	87·4	89·8	94	84	0·0	2·4	16·3	14·2	100	75	20 1	28 1	10≡	0	—	9·2	83	≡2 till 10 h, then very fine.
6	1025·7	1026·1	91·3	88·0	92	87	2·2	0·6	16·3	15·9	78	94	6 3	6 1	0∞	8	—	13·8	84	a. Very fine.
7	1026·7	1026·6	86·9	89·7	91	85	1·7	2·8	12·9	13·5	81	72	12 3	6 1	7	0	—	9·2	84	a. Fine. ∞ Very fine.
8	1026·1	1024·0	88·3	86·3	94	86	1·4	1·6	14·6	12·5	85	81	10 1	26 1	0∞	6	—	12·1	84	a. and p. Fine.
9	1023·3	1023·0	90·2	84·1	94	84	2·9	1·1	13·9	11·5	n71	86	16 1	28 1	4	2	—	8·1	81	a. and p. Very fine.
10	1023·0	1022·7	91·3	89·1	x95	84	2·2	1·7	16·3	14·9	78	82	12 2	26 1	3∞	4	—	12·5	83	a. and p.
11	1020·3	1016·2	87·8	88·3	90	86	0·0	0·3	16·9	16·6	100	97	14 1	18 2	10≡	10	—	0·1	85	≡2 a. Dull.
12	1010·1	1005·4	88·8	88·0	91	87	1·2	0·0	15·6	16·9	87	100	14 3	20 4	10	10	2·0	—	87	o, with ●0. q. [19 h. ●0
13	1002·4	999·6	87·4	88·0	90	87	0·0	0·0	16·3	16·9	100	100	18 3	18 3	10●	10●	10·4	2·1	87	●0 a. c. to dull. q.
14	998·3	997·9	87·4	85·8	91	86	0·3	0·0	15·6	14·6	95	100	20 3	20 1	10	2	1·8	4·8	85	c. ● showers 17 h. [15 h.
15	997·3	1000·3	87·3	86·1	90	85	0·7	0·3	14·9	14·6	92	96	22 1	26 2	8	8	1·3	3·0	84	Dull, with ● showers.
16	1004·4	1006·4	88·6	87·4	91	86	1·7	1·0	14·2	14·6	82	88	4 3	4 2	7	10	—	3·6	85	c.
17	1009·1	1010·8	89·7	86·1	91	85	2·8	0·9	13·5	13·5	72	90	32 3	30 3	6	4	—	8·5	83	Fine. q.
18	1010·1	1011·2	87·4	84·1	89	84	1·6	0·4	13·2	12·5	81	95	28 2	30 3	10	0	—	3·8	84	a. Dull till 14 h, then fine.
19	1012·5	1012·5	85·8	85·9	90	84	1·4	0·4	12·2	13·9	84	95	28 4	24 1	8	6	6·9	5·5	82	q. a. c. ● showers 17 h.
20	1012·8	1015·9	87·2	86·1	90	85	1·4	0·9	13·5	13·5	84	90	26 4	30 4	4	3	—	11·4	84	Fine but q.
21	1017·6	1017·9	87·4	86·9	89	85	1·6	0·6	13·2	14·6	81	93	26 2	20 1	8	6	—	0·6	83	Dull. p.
22	1018·3	1016·6	87·4	86·3	91	84	0·5	0·0	15·2	15·2	93	100	10 1	16 1	8	8	—	6·6	82	a. Fine. ●2 p.
23	1012·8	1009·5	88·8	87·7	90	86	0·7	0·1	16·3	16·3	92	98	12 2	12 3	10	10	4·1	0·1	85	a. o. ● after 13 h.
24	1007·1	1003·7	86·9	88·6	89	86	0·0	0·0	15·9	17·6	100	100	20 3	18 2	10≡	10≡●	26·7	0·1	86	≡2 ● a. o, with ≡ at times.
25	999·6	994·6	88·3	88·0	90	x88	0·0	0·0	17·3	16·9	100	100	14 2	14 1	10≡	10≡	x32·3	—	87	≡2 ●2 a. o, with ≡ at times.
26	995·2	997·6	88·6	87·4	91	85	1·2	0·5	15·2	15·2	88	93	24 2	24 1	6	7	—	9·8	84	Fine.
27	999·0	999·3	89·7	87·2	91	86	1·4	0·3	15·9	15·6	85	96	24 1	24 1	7	8	—	7·2	84	a. Fine.
28	1003·7	1007·8	85·2	82·2	n88	82	1·1	0·9	12·2	10·2	86	89	28 4	28 1	10	2	—	9·4	83	Very fine after 10 h.
29	1005·1	1002·4	86·9	85·8	89	n80	2·2	1·1	11·9	12·9	75	87	6 1	32 1	8	10	1·3	8·0	n80	a. Fine. Fine from 12 h.
30	1005·7	1011·5	84·7	84·1	89	84	0·6	0·5	12·5	12·2	93	93	26 2	26 1	10●	0	1·0	5·7	83	● showers a.
31	1011·2	1009·1	87·4	86·3	90	84	0·1	0·2	15·9	14·6	98	97	20 4	22 3	10	10	1·8	3·3	81	c. and q. ● after 10 h.
Mean	1013·2	1012·9	88·0	86·9	91·0	85·2	1·1	0·7	14·8	14·8	87	93	2·3	1·7	7·7	5·7	93·7	6·10	83·9	
Mean Pressure at Station Level.	1002·9	1002·6																		

x denotes the maximum and *n* the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

Shrewsbury, Shropshire.—August 1916.

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 = 0·30 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Air Pressure at Mean Sea Level. 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	1021·4	1021·1	95·8	90·2	x101	83	3·6	2·2	18·6	15·0	68	77	22 3	24 0	0	7	—	No record.	No record.	≡; dull and showery.
2	1024·0	1026·9	94·1	88·7	99	x89	2·2	1·8	19·5	14·2	78	81	22 2	28 2	7	10	—			Fair to fine; ●0 ≡0 after 21 h.
3	1028·2	1027·2	93·0	88·9	97	84	3·8	0·7	15·1	16·6	65	92	26 1	28 1	2	10	—			Dull. ●0. ≡; 21 h.
4	1027·8	1028·6	91·3	89·1	96	86	1·6	0·9	17·3	16·4	83	90	28 2	32 1	10	10	—			Very fine and sunny.
5	1029·0	1025·9	92·4	89·9	99	82	5·1	0·9	12·4	17·2	n55	91	Calm 0	0 0	0	0	—			≡ at first; fine after 11 h.
6	1025·0	1025·2	89·7	88·6	96	86	1·1	1·6	16·5	14·5	88	83	Calm 0	4 1	9	10	—			≡ at first; then fine.
7	1026·3	1024·6	86·9	87·4	95	82	2·2	1·6	11·9	13·3	75	81	4 1	Calm 0	9	0	—			≡ at first; then fine.
8	1026·4	1023·5	86·3	86·9	94	83	1·6	0·9	12·4	14·1	81	89	6 2	Calm 0	7	0	—			Fine and sunny. ∞
9	1022·9	1021·9	89·7	88·9	98	80	2·1	1·6	14·7	14·9	78	84	Calm 0	Calm 0	4	10	—			Fine and sunny. ∞
10	1022·8	1022·5	93·0	90·8	99	84	3·9	1·9	14·9	16·3	64	80	10 1	28 1	0	10	—			Fine and sunny. ≡0 n.
11	1020·9	1016·9	91·9	91·3	97	84	2·5	1·4	16·3	17·7	76	85	Calm 0	Calm 0	8	10	—			≡ early; generally fine.
12	1011·7	1008·4	92·2	90·3	96	87	3·5	0·5	14·9	18·4	68	94	16 1	22 2	8	2	x6·0			Dull, with ● showers.
13	1005·6	1003·6	92·2	90·2	95	x89	1·9	1·1	17·9	17·1	81	88	18 2	16 3	10	10	3·3			Dull, with ● ≡0 ≡.
14	1000·9	1000·7	92·4	86·9	95	86	3·3	0·7	15·3	14·5	68	92	20 3	28 2	3	5	5·9			Fair to fine; ● showers after 18 h.
15	1000·1	1001·8	87·8	85·9	92	86	0·9	0·5	15·0	14·0	90	95	20 2	28 1	10	2	1·8			Dull and showery.
16	1004·0	1006·1	89·3	87·6	94	85	1·9	0·7	14·8	15·2	80	92	20 4	28 2	8	10	—			Dull, fair generally.
17	1006·9	1009·1	88·6	87·4	92	85	1·6	0·8	14·5	14·7	83	89	24 1	28 3	8	10	0·4			Fair to fine; evening dull.
18	1009·6	1010·4	88·7	86·3	91	84	2·3	0·5	13·5	14·2	76	93	32 2	28 2	2	10	0·7			Dull; ●0 showers. ●0 showers.
19	1011·8	1013·4	88·6	87·4	91	84	2·7	1·3	12·6	13·9	72	85	28 1	26 3	5	10	0·5			Fine and sunny.
20	1012·7	1015·8	88·6	85·8	92	85	1·2	1·1	15·3	12·7	88	87	28 1	28 1	7	2	—			Dull; occasional ●0 showers.
21	1016·2	1016·7	87·4	87·9	94	82	2·0	1·5	12·9	13·9	78	84	28 4	32 2	0	9	—			Fine.
22	1018·8	1018·2	87·6	88·6	94	81	1·5	2·2	13·5	13·5	82	77	Calm 0	16 1	2	2	—			o. early. Sunny intervals.
23	1015·9	1012·9	89·0	88·6	95	85	1·6	1·8	14·9	14·2	83	81	20 3	Calm 0	10	10	—			o. all day.
24	1009·2	1008·4	90·2	89·9	97	87	1·4	1·3	16·6	16·3	84	86	20 2	20 4	10	9	0·5			o. early. Sunny. o. from 14 h.
25	1005·4	998·6	91·1	90·3	94	89	1·0	0·5	18·3	18·6	89	95	16 2	16 3	10●	9	4·1			o. ● 17 h.–19 h. 30 m.
26	997·5	998·5	89·3	89·6	95	87	0·7	2·3	16·9	14·2	92	77	20 4	20 5	9	3	0·8			o. till 9 h. Fine till 18 h.
27	1001·8	1001·4	89·9	87·3	96	87	2·0	0·6	15·2	15·2	79	94	20 5	20 2	9	1	0·8			Sunny intervals. ●2 showers.
28	1002·8	1006·6	88·6	86·6	95	85	0·9	1·9	15·9	12·2	91	78	20 3	28 1	8	2	—			c.
29	1004·0	996·0	85·2	86·1	89	81	0·3	0·2	13·5	14·9	97	98	4 2	4 6	10≡	10●2	x25·1			o. and g. ●2 from 10 h.
30	997·6	1010·8	83·9	81·6	n86	81	0·0	0·3	12·9	10·8	100	96	32 7	Calm 0	10●2	1	8·9			o. and g. ●2 till 15 h.
31	1016·0	1015·7	84·4	89·6	91	n78	0·8	1·9	11·9	14·9	89	80	20 2	18 4	1	7	0·5			Fine till noon, then o.
Mean	1013·9	1013·4	89·2	88·8	95·2	84·6	1·7	1·7	15·0	14·9	82	83	2·7	1·8	7·1	4·8	61·7	5·23	81·6	
Mean Pressure at Station Level.	1012·4	1011·9																		

Cambridge,* a.—August 1916.

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 = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local mean time.

Day.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.			
1	1023·8	1020·4	91·0	94·0	x100	84	1·3	3·2	17·6	17·3	86	70	12 4	18 1	6	0	—	9·3	82	≡ early, Fine and very warm.
2	1023·7	1025·6	90·9	93·6	x100	85	1·1	3·9	17·9	15·6	88	n64	24 3	32 2	7	0	—	5·1	81	c.
3	1027·5	1025·6	92·7	93·7	x100	84	3·9	3·2	14·6	16·9	n64	70	30 3	28 1	1	5	—	9·6	80	Fine.
4	1026·1	1028·4	90·9	86·1	94	86	2·5	2·0	15·2	11·5	75	78	32 3	4 2	10	1	—	6·8	81	Fine.
5	1028·4	1025·4	86·9	88·3	96	84	2·7	1·7	11·2	14·2	71	82	32 2	Calm 0	5	6	—	11·2	80	Fine.
6	1024·1	1025·2	91·6	86·9	94	84	3·7	2·7	13·9	11·2	65	71	32 3	2 4	2	10	—	9·2	81	Fine.
7	1025·5	1025·2	86·1	87·2	93	85	2·3	2·0	11·2	12·5	75	78	4 3	2 3	10	0	—	8·6	84	Fine.
8	1026·5	1024·7	86·0	89·4	96	82	1·9	2·3	11·9	13·9	79	76	8 1	10 3	10	1	—	7·2	79	o. till 10 h. 30 m., then fine.
9	1023·2	1021·3	90·2	91·8	x100	82	2·1	2·8	15·2	15·6	78	73	4 1	8 2	3	2	—	9·5	82	≡ early. Fine and warm.
10	1021·5	1021·0	91·6	92·4	x100	85	2·8	1·6	15·6	18·6	73	83	Calm 0	Calm 0	4∞	7●	—	4·6	82	Dull a. T 18 h.–19 h. 40 m.
11	1021·0	1018·4	91·6	91·3	99	84	3·0	1·0	14·9	18·6	71	89	4 1	Calm 0	6	1	—	6·6	81	Rn. Very warm and sultry.
12	1015·8	1009·9	92·4	92·6	x100	87	1·9	1·7	17·9	18·6	81	83	12 3	Calm 0	7	10●	0·5	1·2	84	o. most of day. ● 20 h.
13	1007·5	1006·0	93·3	90·3	97	87	2·9	0·8	17·3	17·9	72	91	20 5	20 2	9	4	3·0	4·8	82	c.
14	1003·7	1002·0	90·1	89·8	97	x90	0·5	1·0	18·3	16·9	94	89	20 4	20 2	10	8	—	5·8	87	Dull early. Sunny till 13 h.
15	1002·3	1003·4	89·7	86·1	93	85	2·1	0·9	14·9	13·5	79	90	20 4	20 2	9	1	11·7	2·9	82	c. T noon. R ●2 17 h.
16	1006·0	1007·2	90·3	88·5	93	86	2·2	1·5	15·2	14·6	77	84	22 3	20 1	5	10●	1·5	3·4	82	Sunny a. Dull from 10 h. T noon.
17	1006·7	1006·9	89·7	87·9	93	85	1·7	0·9	15·6	14·9	82	89	16 1	4 3	9	8	—	1·2	81	c. T evening.
18	1008·8	1008·8	88·0	85·8	93	86	0·9	0·3	15·2	14·2	90	97	30 1	Calm 0	10	10●0	2·0	1·0	84	≡ early. o. ● 19 h.
19	1010·4	1013·2	86·3	85·2	94	85	0·8	1·1	13·9	12·2	90	87	30 2	Calm 0	10	0	1·8	4·4	83	c. ●2 17 h. c. n.
20	1012·7	1013·7	87·7	87·3	94	83	1·2	2·5	14·2	11·9	86	74	24 3	28 1	9	1	0·5	7·0	80	Dull a. ● 11 h.–13 h.
21	1016·2	1016·7	87·4	87·9	94	82	2·0	1·5	12·9	13·9	78	84	28 4	32 2	0	9	—	6·7	79	Fine.
22	1018·8	1018·2	87·6	88·6	94	81	1·5	2·2	13·5	13·5	82	77	Calm 0	16 1	2	2	—	5·1	78	o. early. Sunny intervals.
23	1015·9	1012·9	89·0	88·6	95	85	1·6	1·8	14·9	14·2	83	81	20 3	Calm 0	10	10	—	0·1	82	o. all day.
24	1009·2	1008·4	90·2	89·9	97	87	1·4	1·3	16·6	16·3	84	86	20 2	20 4	10	9	0·5	4·6	83	o. early. Sunny. o. from 14 h.
25	1005·4	998·6	91·1	90·3	94	89	1·0	0·5	18·3	18·6	89	95	16 2	16 3	10●	9	4·1	0·1	87	o. ● 17 h.–19 h. 30 m.
26	997·5	998·5	89·3	89·6	95	87	0·7	2·3	16·9	14·2	92	77	20 4	20

ARMAGH, a.c.d.—AUGUST 1916.

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 = 0·30 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Air Pressure at Mean Sea Level. 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. Dir.	m/s.	21 h. Dir.	m/s.	Cloud Amount and Weather. 9 h. (Tenths of Sky covered.)	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+	200+	200+	200+	°	°	millibar.		%	%	Dir.	m/s.	Dir.	m/s.	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1016·6	1020·0	91·6	88·6	95	87	2·0	1·4	16·8	14·9	79	86	20	3	—	0	10	10	3·9	3·0	86	o., with ●² shower.
2	1024·4	1023·7	89·6	87·9	95	84	2·0	1·7	14·8	13·7	79	82	—	1	—	1	0	0	—	8·7	82	Fine.
3	1029·4	1028·8	90·1	90·2	96	87	1·9	1·6	15·4	16·1	80	83	—	1	—	0	8	10	—	8·8	85	Fine.
4	1030·1	1029·8	91·3	88·7	96	x89	1·1	0·6	18·3	16·6	88	94	—	1	—	1	10	10	—	5·3	87	o. to fine.
5	1029·8	1027·1	88·4	89·4	x97	87	0·8	1·6	15·8	15·2	91	83	—	0	—	0	10	0	—	9·6	87	Fine.
6	1026·4	1025·0	87·3	88·3	x97	84	0·5	1·7	15·3	14·0	94	81	—	1	—	1	10	0	—	9·7	80	Fine.
7	1025·0	1024·0	87·3	85·8	94	83	1·5	1·8	13·4	13·3	82	80	—	1	—	1	10	0	—	9·2	79	Fine.
8	1023·3	1022·3	91·2	88·3	96	80	2·5	2·5	15·4	12·6	75	n73	—	0	—	1	0	7	—	11·1	77	Fine.
9	1022·0	1021·7	90·6	90·0	95	82	2·2	2·2	15·4	14·8	77	77	—	1	—	0	4	8	—	5·8	79	Fine.
10	1022·7	1021·3	91·2	91·6	x97	85	1·5	2·0	17·4	16·9	83	80	—	1	—	0	0	10	—	7·0	82	Fine till 15 h., then o.
11	1016·9	1011·5	91·3	90·1	94	87	1·6	2·1	17·3	15·1	83	78	18	2	16	4	10	10	3·0	—	84	o.
12	1005·1	1002·0	89·1	88·8	94	x89	0·8	0·2	16·6	17·3	92	97	14	5	18	2	10	10	14·8	2·7	87	● shower. ⚲ 17 h.
13	999·3	996·6	89·7	87·2	94	86	2·3	0·4	14·4	15·3	76	96	18	2	—	1	10	8	x20·2	1·5	84	c., with ●² showers *p.*
14	996·3	995·9	88·7	85·2	94	85	1·0	0·5	15·7	13·2	89	93	20	2	—	1	10	10	6·6	3·7	84	c., with ● showers.
15	997·3	1001·3	87·4	85·9	92	84	0·7	1·0	15·0	13·1	93	88	—	0	—	0	10	10	8·5	2·2	82	c., with ● showers. ⚲
16	1005·1	1008·1	88·6	86·8	94	85	0·8	1·6	16·0	12·9	91	82	—	1	—	0	8	8	—	7·6	83	Fine.
17	1010·8	1011·8	89·6	84·9	93	84	1·6	1·9	15·5	10·7	83	78	—	0	—	0	8	3	0·3	5·7	81	Fine.
18	1010·5	1011·8	85·8	84·7	n89	84	0·7	0·3	13·4	13·2	92	97	—	0	—	0	10●	8	3·9	0·5	82	● showers *a.* o.
19	1013·5	1012·2	86·7	86·1	91	84	1·2	0·8	13·4	13·6	86	90	—	0	—	0	10	10●	4·3	2·7	82	c., with ● showers. Fine 15 h.–18 h.
20	1013·5	1016·6	87·4	85·1	92	84	1·6	1·5	13·3	11·4	81	81	—	1	—	0	9	8	1·7	8·0	82	Fine.
21	1016·6	1017·9	86·9	86·1	91	85	0·7	0·5	14·4	14·1	91	94	—	1	—	0	10	2	—	0·1	82	o. till 18 h.
22	1016·6	1014·2	89·3	87·4	94	83	1·2	1·1	15·9	14·2	87	87	—	1	18	2	8	10●	4·2	6·2	80	Fine.
23	1009·8	1006·8	87·0	87·0	90	87	0·6	0·3	14·8	15·2	93	96	12	2	12	3	10●	10	3·2	—	85	● till 17 h.
24	1004·7	1000·3	89·6	89·9	92	87	1·2	0·7	16·5	17·6	88	93	—	1	16	4	9	10	0·9	1·4	85	o. most of day.
25	995·9	993·5	89·3	87·4	93	87	0·3	0·6	17·7	15·2	97	92	12	3	—	1	10	8	1·2	0·4	88	o. most of day.
26	994·9	997·3	87·9	88·1	94	84	0·7	1·4	15·5	14·3	93	85	—	1	—	1	9	3	—	6·8	83	Fine.
27	997·9	999·3	88·4	87·4	93	85	1·0	0·3	15·4	15·7	89	96	—	1	—	1	10	10	5·4	3·6	82	Fine *a.* ● showers.
28	1005·4	1007·1	85·3	85·3	90	81	1·6	1·2	11·5	12·2	80	85	—	1	—	0	10	9	—	2·5	79	c.
29	1004·7	1003·7	87·3	84·9	90	80	2·1	1·0	12·5	12·2	77	88	—	0	—	0	9	10	—	2·2	78	Fine to o.
30	1006·8	1009·8	85·8	85·5	91	n79	1·8	1·5	11·6	11·9	80	82	—	0	22	2	8	1	—	8·6	n76	Fine.
31	1006·4	1007·8	88·6	85·1	92	85	1·9	1·4	14·1	11·6	80	82	18	4	18	2	10	2	2·4	1·6	82	Fine *a.* ● showers *p.*
Mean	1012·2	1011·9	88·7	87·3	93·4	84·6	1·3	1·2	15·1	14·1	85	86	1·2		0·9		8·4	6·9	84·5	4·71	82·4	
Mean Pressure at Station Level.	1004·8	1004·6																				

DUBLIN (PHŒNIX PARK), a.c.—AUGUST 1916.

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 = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin mean time.

Day.	Air Pressure at Mean Sea Level. 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. Dir.	m/s.	21 h. Dir.	m/s.	Cloud Amount and Weather. 9 h. (Tenths of Sky covered.)	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
1	1019·6	1020·6	92·2	91·2	x97	84	2·9	1·7	15·9	17·3	72	83	16	4	12	3	1	8	0·1	8·5	81	Fine.
2	1025·0	1027·7	91·8	86·2	96	84	2·0	1·8	17·3	12·2	80	81	Calm	0	Calm	0	1	0	—	13·2	81	Fine and bright.
3	1030·5	1029·1	88·2	87·5	95	84	1·3	1·1	14·6	14·2	87	87	12	1	Calm	0	10	4	—	7·7	81	Fine.
4	1030·1	1029·4	91·0	88·3	x97	86	0·9	1·6	18·3	14·2	90	82	20	1	Calm	0	10	0	0·2	6·8	82	Fine.
5	1029·4	1027·4	88·8	85·4	95	85	2·3	1·0	13·5	12·5	76	88	Calm	0	Calm	0	10	2	—	5·7	83	Fine.
6	1025·7	1025·0	93·0	87·2	94	82	0·6	3·5	21·7	10·5	94	n65	Calm	0	Calm	0	0	6	—	12·2	81	Fine and bright.
7	1024·7	1024·7	88·8	84·2	92	84	0·4	0·6	16·9	12·2	95	93	4	3	Calm	0	7	0	—	10·2	84	Fine.
8	1023·7	1022·7	91·7	84·6	95	n80	0·4	0·5	20·3	12·5	95	93	12	1	Calm	0	6	8	—	10·5	79	Fine.
9	1022·7	1022·3	91·9	85·6	96	n80	3·4	0·6	14·6	13·5	68	93	Calm	0	Calm	0	6	8	—	5·4	79	c.
10	1023·7	1022·3	90·8	87·2	x97	85	1·9	0·7	16·3	14·9	80	92	20	2	Calm	0	7	7	—	5·1	82	c. ⚲●⁰ 19 h. 30 m.
11	1018·3	1013·2	92·3	90·9	96	86	3·1	3·0	15·6	14·2	70	70	20	3	16	4	8	8	0·8	0·8	84	c., with ●⁰ *a.* and *p.*
12	1006·1	1003·4	92·2	90·1	96	x89	3·7	1·4	14·6	16·6	66	86	16	4	20	2	7	9	0·2	5·5	87	●⁰ *a.* c.
13	1001·3	998·3	91·5	89·4	94	87	3·1	0·6	14·6	17·3	71	92	20	5	20	1	9	8	5·6	2·9	86	●⁰ *a.* c. ⚲ 17 h.
14	998·6	998·3	90·2	86·9	94	87	2·4	1·1	14·6	13·9	75	88	20	5	24	6	6	7	6·2	5·2	85	●² showers *a.* and *p.*
15	998·6	1002·4	86·9	86·5	91	86	0·6	0·6	14·6	14·2	93	92	24	5	Calm	0	8	9	10·9	1·6	85	●² *a.* and *p.* c.
16	1005·4	1007·8	87·4	86·6	92	86	0·8	0·7	14·9	14·2	90	92	Calm	0	Calm	0	8	7	2·0	2·1	85	c. ⚲●² noon.
17	1010·5	1012·5	89·2	87·2	92	84	2·2	1·0	13·9	14·2	77	87	Calm	0	Calm	0	6	8	1·3	4·8	82	c. ●² showers 17 h.–18 h.
18	1010·8	1011·8	87·9	85·6	n89	85	3·1	0·5	11·5	13·5	68	95	Calm	0	Calm	0	8	10	3·5	0·3	84	●⁰ showers 3 h. 40 m. o.
19	1014·5	1013·5	87·3	87·2	92	83	1·7	1·2	13·2	13·9	81	85	28	1	Calm	0	8	7	—	2·0	82	●⁰ showers *a.* c.
20	1014·5	1016·9	87·9	86·3	93	84	2·2	0·7	12·9	13·9	77	91	28	1	Calm	0	9	8	—	6·4	82	Fine.
21	1017·9	1018·6	88·7	85·8	95	84	2·0	0·4	13·9	13·9	79	95	24	2	Calm	0	7	2	—	6·0	83	Fine.
22	1016·6	1014·9	89·7	87·2	94	n80	2·2	1·1	14·6	13·9	77	86	12	1	8	2	1	10●	9·9	2·8	n78	c. to o. ● 21 h.
23	1010·1	1006·8	88·0	89·1	90	87	0·8	1·2	15·6	15·9	92	88	16	2	Calm	0	10●	10	x12·4	—	86	●² *a.* and till 16 h.
24	1005·4	1001·7	90·1	91·3	94	86	1·7	1·0	15·9	18·6	83	90	Calm	0	Calm	0	8	10	6·8	1·4	84	●² *a.* o. ● showers *p.*
25	995·2	994·9	91·2	87·3	94	87	0·6	0·4	19·3	15·6	94	95	Calm	0	Calm	0	6	10●	1·6	2·3	88	● *a.* c. ● showers *p.*
26	996·3	998·3	90·2	86·8	94	86	1·9	0·6	15·6	14·6	80	93	20	2	Calm	0	8	4	5·7	3·7	85	● showers *a* and *p.* c.
27	998·6	1000·3	89·0	86·7	94	82	1·2	0·9	15·6	13·9	87	90	Calm	0	24	2	8	3	6·9	1·8	80	●² showers a. ⚲●² 14 h. 20 m. c.
28	1006·1	1005·7	86·7	84·4	90	84	2·3	0·3	11·9	12·9	76	96	28	4	Calm	0	8	7	—	5·3	82	c. [15 h. 15 m.
29	1004·4	1003·4	86·2	81·8	n89	81	1·6	0·2	12·5	10·8	81	98	4	4	28	1	8	6	—	3·8	83	c.
30	1007·8	1011·2	87·1	84·7	91	n80	1·8	0·6	12·9	12·5	80	93	28	4	Calm	0	2	0∞	—	9·1	79	Fine.
31	1009·5	1010·5	89·7	85·2	94	84	2·5	0·3	13·9	13·5	74	96	24	6	Calm	0	8	0	1·4	1·6	80	c. ●² showers 17 h.
Mean	1012·9	1012·7	89·6	86·9	93·6	84·2	1·9	1·0	15·2	14·1	80	89	2·0		0·7		6·7	6·0	75·5	5·00	82·7	
Mean Pressure at Station Level.	1007·2	1006·9																				

x denotes the maximum and *n* the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
October 17th, 1916.

[*Price Sixpence.*]

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1916.

DEERNESS, ORKNEY, a.b.c.—SEPTEMBER 1916.

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 = 0·30 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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. Dir.	m/s.	21 h. Dir.	m/s.	Cloud Amount and Weather. 9 h. (Tenths of Sky covered.)	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200+	200+	200+	200+	°	°	millibar.		%	%	Dir.	m/s.	Dir.	m/s.	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1001·7	1006·4	86·6	83·8	x90	x84	1·3	1·1	13·1	11·1	85	87	18	8	20	6	0	0	—	8·8		Fine all day.
2	1011·8	1016·6	84·6	84·0	87	82	1·8	0·7	10·7	12·0	79	91	22	7	20	2	8	9	—	1·4		Fine all day.
3	1015·6	1011·8	86·5	84·2	89	82	2·8	0·4	10·8	12·5	70	95	14	2	12	3	3	7	—	4·6		Very fine all day. ⊕ 7 h.
4	1007·4	1010·1	83·5	83·9	86	83	1·3	1·2	10·7	11·0	85	85	6	3	32	9	10	9	0·5	4·0		Fine. ⊕. ●⁰ showers.
5	1014·2	1018·9	84·4	84·6	87	x84	0·4	0·7	12·7	12·3	95	91	30	4	16	4	10	8	—	1·0		≡⁰●⁰ *a.*, then fine. [16 h.
6	1018·9	1024·7	86·6	84·6	89	x84	0·9	0·5	13·7	12·6	89	93	14	5	28	4	3	9	—	3·2		Very fine till 10 h.; ●⁰ 15 h.–
7	1030·1	1028·8	86·0	85·3	87	x84	0·9	0·3	13·3	13·6	90	96	—	1	12	5	5	10	—	9·4		Very fine all day.
8	1023·3	1023·3	85·7	84·4	x90	x84	0·2	1·6	14·3	10·9	98	81	16	6	24	8	9	4	1·8	3·0		≡² till 8 h., then fine.
9	1027·4	1028·4	85·6	82·2	87	82	2·6	0·7	10·3	10·6	72	92	24	5	24	3	7	5	—	8·6		Fine, then dull.
10	1025·4	1018·6	85·0	83·3	87	82	1·1	0·6	12·1	11·6	86	93	24	7	22	2	6	10●	6·6	3·4		Fine *a.* ● 20½ h.
11	1007·1	1007·1	83·8	84·4	87	83	0·4	0·4	12·2	12·7	94	95	14	8	22	3	10●	10	1·5	0·3		● at first; fair but g. *p.*
12	1006·8	1005·7	84·4	84·2	86	x84	0·6	2·4	12·5	9·6	93	72	24	10	24	13	6	7	1·0	1·0		●⁰ all *a.*
13	1004·4	1012·8	82·2	78·9	85	n78	0·4	1·7	10·9	7·2	95	78	26	12	30	13	10●⁰	4	4·1	0·6		●⁰ *a.* ▲ showers after 17 h.
14	1019·6	1016·2	80·0	81·1	n82	n78	2·2	0·5	7·1	10·0	72	94	30	8	24	4	6	10	1·8	1·5		●⁰ showers *p.*
15	1009·5	1014·2	83·4	81·7	85	81	0·7	1·6	11·5	9·0	91	81	28	6	30	4	5	8	—	5·2		●⁰ early, then fine. [fair.
16	1020·0	1020·0	81·9	84·0	85	80	2·5	0·1	7·9	12·9	70	98	26	2	20	4	8	10	1·0	1·6		Fine *a.* ●⁰ 15 h.–17 h., then
17	1005·7	996·9	84·3	81·7	86	81	0·9	1·8	11·9	8·7	90	78	16	9	24	9	10●	2	x16·0	0·8		● 8 h.–18 h., then ●⁰ till 20 h.
18	984·7	999·3	80·8	81·4	84	79	0·7	1·4	9·6	8·9	92	82	24	13	32	11	10●	*0	5·6	1·0		●² nearly all day; ⚲ 17 h.
19	1009·1	1016·9	83·2	80·4	84	80	0·8	1·6	11·2	8·2	90	80	30	11	30	7	10	7	—	0·5		*g.* ● 13 h.–18 h., then fair.
20	1018·6	1020·6	82·7	79·6	84	79	2·0	1·2	9·1	8·1	76	83	30	6	30	3	6	9	—	4·3		Fine and dry all day.
21	1023·3	1021·0	82·2	81·8	84	n78	2·6	1·4	8·0	9·1	n69	81	6	3	14	7	5	10	—	2·5		Fine *a.*; dull later.
22	1016·6	1013·5	84·1	84·0	86	82	0·9	0·2	11·6	12·7	89	97	18	5	16	4	8	10	3·0	1·1		Fine all day.
23	1010·8	1010·5	85·0	84·5	87	x84	0·8	0·4	12·6	12·8	90	95	18	4	16	2	9	10	—	0·1		● 4 h.; fair later.
24	1013·2	1015·9	86·0	84·5	89	x84	0·8	0·2	13·4	13·2	90	98	20	2	12	2	9	8	—	5·4		Very fine all day. [∞
25	1018·3	1020·6	83·9	82·8	85	82	0·2	0·2	12·7	11·7	98	97	12	5	12	7	10≡⁰	9	—	0·3		≡⁰ till 12 h. ≡² 17 h.–20 h.
27	1021·3	1022·3	83·3	83·3	85	82	1·2	1·1	10·6	10·8	85	86	12	8	12	7	10	4	—	1·7		Dull, but fair. ≡⁰
28	1021·0	1018·6	84·3	83·9	85	82	1·6	0·0	10·8	13·0	82	100	10	7	10	7	8	10≡	—	—		≡⁰ over sea. ≡ after 20 h.
29	1015·6	1015·6	84·2	83·6	85	x84	0·1	0·0	13·0	12·6	98	100	8	6	8	7	10≡	10≡	0·8	—		≡² *n.*, and all day. ●⁰ 21 h.
30	1018·3	1021·3	82·3	80·3	84	80	1·2	1·6	9·9	8·1	84	80	6	7	2	5	4	10	—	4·2		Fine all day.
	1023·7	1025·0	80·2	79·9	83	80	1·4	1·4	8·2	8·0	82	81	2	4	—	0	8	8	—	1·6		Fine all day.
Mean	1014·8	1016·1	83·9	82·9	86·0	81·7	1·2	0·9	11·2	10·9	86	89	6·1		5·5		7·4	7·6	43·7	2·70		
Mean Pressure at Station Level.	1008·7	1010·0																				

ABERDEEN, a.c.e.—SEPTEMBER 1916.

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 = 0·61 m. Lat. 57° 10′ N. Long, 2° 6′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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. Dir.	m/s.	21 h. Dir.	m/s.	Cloud Amount and Weather. 9 h. (Tenths of Sky covered.)	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
1	1006·8	1010·8	87·2	85·4	91	84	2·9	2·9	11·1	9·7	69	68	18	6	20	5	0	0	—	10·6		Fine. Clear *n.*
2	1015·3	1017·2	87·3	85·6	90	83	3·8	0·9	10·0	12·9	n62	89	20	4	—	1	0	10●	—	5·4		Fine to fair *a.* c. to dull *p.*
3	1015·1	1009·6	84·5	84·2	86	82	0·6	0·7	12·4	12·0	92	91	—	1	4	4	10∞	●⁰ 10●	x14·3	—		Dull. [∞⁰ *n.*
4	1004·7	1007·6	83·8	83·7	86	83	1·4	1·5	10·7	10·5	83	82	30	4	28	10	10	8	1·1	2·4		Dull to c. ●⁰ showers. q. *p.*
5	1014·7	1020·7	85·2	84·9	88	83	2·0	0·5	10·8	12·8	77	93	28	7	14	2	2	6	—	5·4		Fair *a.* c. to fair *p.*
6	1021·8	1024·7	87·3	90·3	x95	83	1·5	1·8	13·4	15·9	83	81	16	3	6	2	0∞	3	0·4	9·8		▷ early. Fine. ∞⁰.
7	1030·3	1029·6	85·7	86·0	87	x86	0·4	0·4	13·8	14·1	95	95	2	2	—	1	10	10≡⁰	—	1·5		●⁰ *a.* c. to fair. ≡⁰ *p.*
8	1026·2	1024·5	89·9	90·3	93	85	1·2	2·0	16·6	15·5	87	79	16	2	22	2	8≡⁰	7≡⁰	—	4·6		Dull to fair.
9	1029·4	1029·5	86·9	86·0	90	82	3·5	1·5	10·0	12·2	64	82	28	4	—	1	4	8	—	7·0		Fine *a.* Fair to c. *p.*
10	1027·6	1020·4	85·6	85·3	88	81	3·1	2·1	9·7	10·8	67	76	28	2	18	4	0	10	1·5	9·3		Fine.
11	1008·9	1009·4	84·4	86·0	89	83	1·0	1·5	11·6	12·2	87	82	18	4	28	2	9●	8	1·3	0·7		● *a.* c. to dull. ●⁰ *p.*
12	1009·4	1011·0	90·3	86·9	93	85	3·7	3·7	12·5	9·7	64	n62	26	7	26	4	1	2	—	9·3		▷ ≡⁰ early. q. *a.* Fine.
13	1008·6	1014·0	85·1	79·3	85	n77	3·6	1·8	8·7	7·3	n62	76	26	11	28	8	5	0	4·6	4·2		Fair to c. q. with ● showers *a.* Fine *n.*
14	1021·3	1019·3	79·2	80·8	n82	78	1·7	2·2	7·3	7·6	77	72	28	7	28	3	5	10	0·8	5·6		Fair to c. ▲ shower 11 h. q.
15	1010·6	1014·5	86·5	82·6	88	81	2·5	0·8	11·3	10·6	73	89	24	5	28	4	7	8	1·3	3·8		Dull and c.
16	1021·2	1022·6	83·3	84·0	86	82	2·0	1·3	9·5	10·9	76	84	28	2	18	2	10	10	1·0	1·8		c. to o. [∼ 17 h. 35 m.
17	1012·7	1001·4	84·9	83·2	88	82	1·1	1·7	11·9	9·7	86	79	16	5	—	1	10●

FORT WILLIAM, INVERNESS-SHIRE, a.c.—SEPTEMBER 1916.

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 = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir. (0–12)	Dir. (0–12)	Tenths of Sky covered.		mm.	hrs.	200+ °	
1	1006·1	1010·5	85·8	84·1	89	84	1·2	0·6	12·5	12·2	86	93	20 5	20 3	10●	3	6·3	No record.	No record.	Dull and showery.
2	1015·6	1017·3	86·4	85·1	92	82	1·3	1·1	13·1	11·2	85	86	24 3	20 1	10	6	—			Fair to fine.
3	1014·2	1010·1	82·9	81·9	90	78	1·0	1·0	10·6	12·4	87	87	Calm 0	Calm 0	4☽	10	—			Fair to fine.
4	1007·1	1012·2	85·2	83·6	91	81	1·0	1·2	12·4	10·8	87	85	24 1	Calm 0	10	2	—			Fair to fine. ♅ n.
5	1016·2	1019·6	82·9	85·8	90	78	1·0	0·6	10·6	13·6	87	93	Calm 0	28 1	10	10	—			Fair to fine; ● showers a.
6	1022·3	1025·4	86·9	88·0	91	86	0·6	0·1	14·7	16·7	93	99	20 3	24 2	10●0≡	10●0≡	2·0			●0, ≡0 and ≡.
7	1029·1	1028·4	88·6	89·2	x 95	x 87	0·1	0·5	17·5	17·2	99	94	24 2	Calm 0	10●0≡	10	—			●0 till 11 h., then fine.
8	1025·0	1027·1	89·7	84·6	91	85	1·1	0·6	16·5	12·6	88	93	20 2	20 2	10	6	4·0			Dull but fair a., ●0 after 18 h.
9	1029·4	1030·5	87·8	83·0	91	81	2·1	1·1	13·0	10·5	77	86	24 1	Calm 0	8	1	—			Fine, clear and sunny.
10	1028·1	1020·3	84·1	84·1	91	76	2·2	0·8	9·7	11·9	74	90	Calm 0	20 1	1	10	3·6			Fair to fine and sunny.
11	1008·1	1010·8	86·9	85·7	90	83	0·6	0·8	14·7	13·1	93	90	24 3	24 1	10●0	10●0	0·5			Dull but fair. ●0 n.
12	1012·8	1014·2	89·4	85·8	92	85	1·8	2·8	15·0	10·3	81	70	20 2	24 2	9	6	0·3			c., with ●0 showers.
13	1013·5	1020·0	83·9	80·2	86	80	2·0	1·7	9·9	7·9	76	78	24 3	32 5	9	10●	1·0			Dull and showery. ● n.
14	1024·4	1020·6	81·3	81·4	85	77	3·3	0·6	6·6	10·0	n61	92	Calm 0	20 2	10	10●	2·0			Fair to fine generally.
15	1014·2	1017·3	85·5	84·1	90	81	1·9	2·2	11·1	9·8	77	75	24 3	28 2	10	3	—			Fair to fine generally.
16	1022·0	1023·0	82·5	84·1	86	80	1·2	0·6	10·0	12·2	85	93	Calm 0	20 2	10	9	11·4			Dull; ●0 after 16 h. fall day.
17	1009·1	1004·7	84·1	82·0	87	82	0·1	1·2	13·0	9·6	99	85	20 5	20 3	10●≡	10●≡	x 22·4			Blustering with ●, ≡ and ☔.
18	999·3	999·3	82·5	82·4	n 83	80	2·2	2·3	8·7	8·5	73	72	24 3	32 3	9●0	6●0	7·4			Blustering; ● showers.
19	1010·8	1018·9	84·5	82·2	87	81	2·6	1·9	9·5	8·8	70	76	4 3	12 2	8	1	—			Fair to fine; ● on hills. [hills.
20	1021·0	1021·7	81·3	80·9	86	n 75	1·9	1·2	8·3	8·9	77	85	4 1	Calm 0	1☽	1	—			Fine and sunny.
21	1022·0	1020·3	80·8	82·4	n 83	77	1·1	0·8	9·0	10·6	86	90	Calm 0	Calm 0	10☽	10	0·3			Dull and lowering all day.
22	1017·6	1015·6	83·3	85·2	86	82	0·4	1·0	11·9	12·4	95	87	20 1	20 2	10	10	0·3			Dull and lowering. ●0 showers.
23	1012·5	1012·2	85·8	85·7	88	85	1·1	0·6	12·7	13·6	87	94	24 1	24 2	10∞	10●0	1·5			Dull and lowering. ●0 showers.
24	1013·9	1014·2	86·3	86·3	91	85	0·6	0·9	14·2	13·5	93	89	Calm 0	24 2	10∞	10∞	—			Dull. ∞
25	1015·6	1014·5	84·1	84·9	91	81	0·6	2·4	12·2	10·1	93	72	Calm 0	16 2	10∞	0∞	—			∞. q. during day.
26	1016·6	1017·6	88·3	86·7	90	84	3·1	1·4	11·8	13·1	68	84	16 4	Calm 0	8∞	6∞	—			Fair but dull. ∞
27	1014·5	1012·2	88·0	86·3	91	85	1·9	2·0	13·4	11·9	80	77	16 5	4 2	7	7	1·3			Fair to fine.
28	1009·5	1012·2	86·9	85·1	91	85	1·2	1·1	13·6	12·2	86	87	Calm 0	Calm 0	10●0	7	—			●0 showers early; fine afternoon.
29	1013·9	1018·9	86·9	81·3	87	81	1·7	1·7	12·7	8·6	81	79	4 3	4 3	8∞	1	—			Fair. ∞
30	1023·0	1024·7	80·8	80·8	n 83	76	1·8	2·3	8·1	7·4	77	72	Calm 0	8 1	10	10	—			Fair to fine.
Mean	1016·2	1017·1	85·1	84·1	88·8	81·4	1·4	1·2	11·9	11·4	83	85	1·8	1·5	8·7	6·8	64·3			
Mean Pressure at Station Level.	1014·7	1015·6																		

DOUGLAS, ISLE OF MAN, a.—SEPTEMBER 1916.

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 = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local 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.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.	Remarks.
1	1013·5	1016·6	86·9	84·7	91	84	1·7	0·6	12·9	12·5	81	93	24 5	26 1	4	0	—	11·7	82				q. a. Very fine.
2	1018·6	1017·6	87·4	85·8	90	83	1·1	1·1	14·2	12·9	87	87	24 3	4 1	8	8	10·2	5·4	80				2 a. c., with bright intervals.
3	1008·8	1007·8	84·7	84·7	86	85	0·6	0·3	12·5	13·2	93	97	32 5	30 4	10●	10●	11·2	—	84				● most of day.
4	1009·5	1012·5	85·2	85·2	89	84	1·1	0·8	12·2	12·5	86	90	24 1	24 2	8	8	0·3	3·1	82				c. q. afternoon.
5	1016·6	1021·3	86·9	86·9	89	84	2·1	0·3	12·2	15·2	77	97	28 5	26 1	7	10	2·8	4·1	81				q. a. Dull afternoon.
6	1024·7	1027·7	87·4	86·3	90	86	0·0	0·0	16·3	15·2	100	100	14 1	28 1	10≡	4≡	0·3	0·5	86				≡2 early.
7	1029·8	1029·8	90·2	88·6	91	85	0·4	0·3	18·6	16·9	96	97	28 1	12 1	8	8	—	3·2	84				≡ a. c., with ≡ at times.
8	1028·4	1027·4	89·7	86·9	x 94	84	0·9	0·7	16·9	14·6	91	92	14 1	28 1	4	4	—	8·3	83				≡2 a. Fine. ≡ at times.
9	1028·8	1028·8	87·4	85·4	90	85	2·2	0·7	12·5	12·9	76	91	32 5	30 3	4	0	—	9·4	84				a. Very fine. q.
10	1027·4	1023·0	86·9	83·6	90	84	2·2	0·9	11·9	11·5	75	90	32 1	28 1	0	8	0·3	8·0	81				2 a. Very fine till 13 h., then
11	1014·5	1014·9	85·2	85·8	88	82	0·1	0·6	13·9	13·5	99	93	20 3	26 1	10●	10	1·0	0·2	82				●a. c. from 11 h.
12	1017·3	1018·6	87·4	88·0	89	85	0·2	0·6	15·9	15·9	97	94	26 3	26 3	10	10	0·5	0·1	84				o.
13	1017·9	1020·3	85·8	83·6	88	83	1·7	0·9	11·9	11·5	81	90	28 4	26 4	10	4	0·5	6·6	84				q., with occasional ●.
14	1025·4	1024·7	82·4	82·7	85	n 80	2·7	1·6	8·1	9·5	n67	80	32 3	26 3	4	7	2·5	8·2	n 77				Very fine. c. from 15 h.
15	1018·6	1018·9	84·7	85·8	88	82	0·0	0·6	13·5	13·5	100	93	24 4	26 6	10	10●	1·3	0·2	81				o. and q.
16	1023·0	1026·4	85·4	85·5	88	84	1·3	0·7	12·2	13·2	84	92	28 1	26 2	8	10	0·5	1·6	82				Dull and c.
17	1019·6	1009·1	85·5	87·4	88	84	0·3	0·2	13·9	15·9	96	97	20 4	24 5	10	6	x 17·5	—	84				o. and q., with ● showers.
18	1005·7	997·6	83·0	83·6	87	82	1·1	2·0	10·5	9·8	86	77	24 6	28 10	8●	7	4·8	4·7	80				⌒ 8 h. c. and q. after 18 h.
19	1010·1	1018·3	84·7	83·6	87	82	2·6	0·9	9·5	11·5	71	90	26 4	32 3	2	0	—	7·0	80				q. Fine a. c. afternoon.
20	1020·3	1025·4	84·7	82·3	86	81	2·3	1·2	10·2	9·8	74	84	32 1	32 1	2	0	0·3	9·8	78				☽ a. Very fine.
21	1023·0	1022·0	84·0	84·7	85	n 80	1·4	1·1	10·8	11·9	82	86	28 1	14 2	10	10	2·3	—	78				● early a. o.
22	1021·3	1019·3	85·2	85·8	86	84	0·5	1·0	13·2	12·9	93	88	18 3	18 2	10	10	0·8	—	83				o., with ● showers.
23	1017·3	1015·9	85·2	84·1	87	84	0·8	0·2	12·5	12·9	90	98	16 2	18 1	10	0	—	4·6	82				c. a. Fine afternoon.
24	1015·6	1015·6	86·9	84·3	89	84	1·3	1·3	13·2	11·5	85	86	16 1	6 1	6	0	—	8·2	80				2 a. Very fine.
25	1015·2	1014·2	86·3	86·9	90	84	0·9	1·1	13·5	13·9	89	87	10 3	8 3	8	4	—	5·2	81				a. c. a. Fine afternoon.
26	1016·9	1013·9	86·9	89·3	90	86	0·5	1·3	14·9	15·9	94	86	8 2	8 3	10	10	0·5	—	85				a. o. ● showers 16 h.–17 h.
27	1010·1	1005·7	87·6	88·0	90	x 87	0·7	0·6	15·2	15·9	91	94	8 4	8 5	10	10	5·3	2·7	86				c. and q.
28	1009·8	1009·5	87·0	88·0	90	86	0·4	1·7	15·2	13·9	96	82	12 3	8 1	8	4☽	—	8·6	85				● early. Fine.
29	1010·8	1015·6	86·3	83·9	89	84	0·5	0·9	14·2	11·5	93	89	4 3	8 5	8	4	—	4·2	83				2 a. c. a. Bright afternoon.
30	1021·3	1023·7	82·7	83·4	n 84	81	1·4	1·5	9·8	10·2	83	82	6 2	8 3	10	10	—	—	79				o.
Mean	1018·0	1018·1	86·0	85·5	88·4	83·6	1·1	0·9	13·1	13·1	87	90	2·8	2·7	7·6	6·1	62·9	4·20	82·0				
Mean Pressure at Station Level.	1007·5	1007·4																					

x denotes the maximum and n the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

SHREWSBURY, SHROPSHIRE.—SEPTEMBER 1916.

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 = 0·30 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir. (0–12)	Dir. (0–12)	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1016·2	1018·4	88·9	85·4	94	85	3·0	1·8	12·4	11·2	69	78	22 2	24 1	5	1	—	No record.	79	Fine.
2	1019·1	1016·6	89·2	86·9	94	79	2·3	1·1	13·8	13·7	76	87	24 1	24 1	4	10	1·9		77	Fine to o. ●0 evening.
3	1007·4	1002·9	88·0	87·2	93	85	0·4	1·1	16·0	14·1	95	87	16 1	20 3	10	10	1·3		84	o. ●0 at times. ☳ 17 h. ☾ 21 h.
4	1009·3	1010·2	87·7	85·7	89	84	2·8	1·6	11·9	11·9	72	82	28 3	28 3	9	1	0·2		80	Fine.
5	1015·3	1021·2	88·2	85·8	89	84	3·4	1·1	11·2	12·7	65	87	28 3	28 1	1	3	—		80	Fine.
6	1025·4	1027·5	88·6	89·8	x 95	79	2·5	1·0	13·1	16·8	74	89	Calm 0	24 2	0	10	0·3		77	c.
7	1030·3	1028·9	89·7	87·6	94	x 87	0·6	0·5	17·6	15·6	94	95	Calm 0	Calm 0	10●	0	0·2		87	● a. c.
8	1028·6	1026·8	88·0	87·0	92	84	0·6	0·6	15·8	14·8	94	93	Calm 0	Calm 0	10	10	—		81	Dull and o.
9	1027·7	1026·5	88·6	87·4	93	82	1·2	2·0	15·3	12·7	88	78	Calm 0	Calm 0	0∞	10	—		79	c. to o.
10	1025·6	1023·3	86·9	85·2	88	85	1·0	0·6	13·9	13·0	88	92	Calm 0	24 1	10	10	—		85	Dull and o.
11	1017·5	1014·0	87·2	87·0	90	85	2·0	1·2	12·5	13·6	78	86	28 1	28 3	8	8	0·8		82	c. ● shower 18 h.
12	1017·3	1018·6	89·2	89·7	93	84	1·2	1·4	15·8	16·1	87	86	28 1	28 2	10	10	0·9		84	Dull and o.
13	1017·3	1018·5	90·2	85·1	92	82	2·4	2·3	14·6	10·3	75	74	28 1	28 3	9	3	—		85	c.
14	1023·1	1024·7	82·4	79·7	n 86	77	3·6	2·0	7·1	7·2	n60	73	30 2	32 3	3	3	—		79	Fine.
15	1020·4	1017·3	86·3	88·6	90	77	2·7	2·5	10·7	13·1	70	74	28 4	28 3	2	8	0·3		76	Fine.
16	1021·8	1025·0	87·4	86·9	91	82	2·7	1·5	11·6	13·2	71	83	30 1	28 2	3	8	—		80	Fine.
17	1022·7	1013·0	88·1	87·1	90	82	1·8	0·4	13·7	15·2	81	95	28 2	20 5	9	10	x 7·5		80	o. Steady ● from 13 h. 30 m.
18	*1008·9*	999·7	84·7	81·3	89	79	2·8	1·1	9·3	9·3	69	80	24 5	28 5	2	10	6·1		79	Fine a. ● p.
19	1004·7	1015·1	83·9	82·6	87	77	2·3	1·3	9·5	10·0	73	85	32 5	32 2	8	0	—		77	Fine but cold.
20	1019·2	1022·0	83·7	81·0	88	77	1·7	1·6	10·2	8·6	79	81	Calm 0	32 1	10	0	—		76	Fine.
21	1022·9	1022·8	80·8	83·2	n 86	75	0·4	0·8	9·9	11·2	95	90	32 1	20 1	10	10	—		74	Dull and cold.
22	1022·9	1021·0	84·3	84·1	89	79	1·2	0·3	11·4	12·6	85	96	26 1	20 1	2∞	10	—		79	c.
23	1017·7	1015·9	84·1	83·6	90	77	1·1	0·0	11·4	12·6	86	100	22 1	18 1	2	1	—		75	Fine.
24	1015·9	1015·8	81·6	80·7	90	n 72	0·3	0·0	10·7	10·5	96	100	Calm 0	Calm 0	0	0	—		73	Fine.
25	1015·3	1013·5	83·0	87·4	93	n 72	0·0	0·0	12·2	16·4	100	100	Calm 0	16 2	10	2	—		n 72	c.
26	1016·0	1013·0	86·3	88·6	90	82	0·4	0·9	14·4	15·9	94	91	Calm 0	16 2	10●	10	0·3		79	o., with ● showers.
27	1007·7	1003·2	89·7	89·7	92	84	1·1	1·4	16·5	16·1	88	86	12 1	12 3	5	10	3·7		82	c.
28	1009·1	1007·6	86·3	87·0	92	82	0·2	0·6	14·7	14·8	97	93	18 1	Calm 0	7	10	—		81	Dull.
29	1008·0	1012·5	85·3	85·0	88	82	0·5	0·1	13·2	13·7	93	99	18 2	4 1	10	10	—		82	Dull.
30	1018·5	1022·9	83·6	82·4	n 86	79	0·6	0·0	11·8	11·8	93	100	2 1	Calm 0	8	10	—		80	Dull.
Mean	1017·7	1017·3	86·4	85·6	90·4	80·7	1·6	1·0	12·7	13·0	83	88	1·3	1·7	6·2	6·6	23·5		79·5	
Mean Pressure at Station Level.	1009·9	1009·5																		

CAMBRIDGE,* a.—SEPTEMBER 1916.

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 = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Local mean time.

Day.	8 h.	20 h.	8 h.	20 h.			8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.							Remarks.
1	1015·7	1019·1	89·3	85·1	x 95	85	0·9	0·7	16·6	12·9	91	92	24 5	Calm 0	9	6☽	—	8·2	84				Continuous sun from 10 h.
2	1019·9	1017·6	86·3	88·3	90	83	0·6	0·6	13·9	16·3	92	94	22 1	12 1	10●0	10	—	—	82				o.
3	1010·6	1004·8	89·7	86·9	93	85	1·1	1·1	16·6	13·5	88	87	16 1	20 3	10	10	3·8	2·9	84				♅●2 showers 9 h. 45 m.–11 h.
4	1005·4	1009·7	86·1	84·1	91	84	1·7	0·5	12·2	12·2	81	93	28 7	26 2	10	10●2	x 5·8	1·2	83				● most of day. ●2 n. [45 m.
5	1011·8	1020·3	84·1	87·2	89	82	0·9	1·5	11·5	13·2	88	93	30 6	32 4	10	10●0	—	—	80				g. a. o.
6	1024·7	1027·8	85·3	84·4	90	85	0·5	0·4	13·2	12·5	93	95	2 2	Calm 0	10	8	—	4·6	83				o. a., c. Fine n.
7	1029·9	1029·1	82·2	87·3	93	79	0·0	0·5	11·5	15·2	100	94	Calm 0	4 3	δ≡0	8	—	8·3	77				≡0 early, then fine.
8	1028·7	1027·2	86·4	86·8	93	82	1·1	0·8	13·2	14·2	87	91	4 2	4 2	10	2	—	2·9	78				c., with sunny intervals.
9	1027·3	1026·0	88·4	87·6	92	x 86	0·8	1·3	15·6	13·9	90	84	4 4	4 3	10	2	—	0·7	82				o. most of day.
10	1024·3	1022·0	87·2	87·2	90	85	2·0	0·6	12·5	14·9	78	93	4 3	32 4	10	10	—	0·6	82				o. most of day.
11	1018·4	1013·8	85·2	86·3	91	85	0·3	0·5	13·5	14·2	97	93	10 1	12 1	10	10	0·3	0·1	82				o. most of day. ●0 18 h.
12	1016·2	1017·5	87·4	89·3	91	85	1·2	1·3	13·9	15·9	85	86	28 3	28 2	10	10	—	—	81				⌒ 5.30 h. ●0 a. o.
13	1015·9	1015·9	89·8	84·3	92	85	2·2	2·8	14·6	9·5	77	69	26 4	28 5	10	0	—	2·3	84				Sunny 8 h.–10 h., then o.
14	1020·2	1023·2	81·7	79·6	86	80	3·4	1·6	6·8	7·8	n63	78	32 5	32 1	1	0	—	7·6	76				Fine but cold.
15	1020·8	1016·1	82·7	86·8	89	76	1·8	1·0	9·5	13·9	78	88	26 2	24 2	10	10	—	1·6	73				o. most of day.
16	1020·2	1025·4	86·3	81·3	90	81	2·0	0·5	11·9	10·2	77	93	32 3	Calm 0	3	1	—	8·7	81				Fine. [30 m.
17	1024·4	1015·0	85·5	85·9	90	79	1·8	0·1	11·2	14·6	78	99	20 1	24 4	10	10●	5·1	0·6	76				Dull most of day. ● from 15 h.
18	1007·1	1000·5	84·8	81·1	89	78	1·0	0·9	11·9	9·5	87	89	26 2	24 1	7	0	x 5·8	6·4	84				Dull, with sunny intervals.
19	998·0	1011·3	81·4	83·0	86	80	0·5	1·1	10·2	10·5	93	87	30 4	32 4	7	0	3·0	3·6	76				● early. c.
20	1016·4	1021·1	83·3	83·0	n 85	81	1·4	1·7	10·2	9·8	83	80	32 4	28 2	8	10	—	0·1	79				o.
21	1023·2	1024·4	81·3	79·1	87	79	1·5	0·3	8·8	8·8	81	95	30 2	Calm 0	3	0	—	6·5	76				Dull, with sunny intervals.
22	1025·0	1023·4	83·0	83·0	89	n 75	1·7	1·6	9·8	9·8	80	81	8 1	16 1	4	0	—	5·0	n 72				c.
23	1019·6	1017·2	80·7	84·1	91	76	0·2	1·2	10·2	11·2	98	85	Calm 0	Calm 0	5	0	—	4·6	75				c. o. from 16 h.
24	1016·8	1017·2	81·4	85·5	91	76	0·1	1·4	10·8	11·9	99	83	16 1	Calm 0	10	8	—	3·0	74				Sunny a., then dull.
25	1017·0	1016·1	83·1	87·6	93	78	0·2	1·0	12·2	14·6	98	88	8 1	12 1	0≡	6	—	7·0	75				Sunny 8 h. 30 m.–15 h.
26	1017·0	1015·4	88·3	88·3	x 95	84	0·9	1·4	15·6	14·6	91	86	12 1	8 2	9	0	—	1·6	78				o. most of day.
27	1009·9	1009·7	88·8	86·4	x 95	x 86	1·0	0·6	15·9	14·2	89	92	6 3	12 1	4	0	—	4·1	78				Sunny 8 h.–13 h., then o.
28	1006·7	1006·4	85·8	89

ARMAGH, a.c.d.—SEPTEMBER 1916.

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 = 0·30 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Air Pressure at Mean Sea Level. 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. Dir.	m/s.	21 h. Dir.	m/s.	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.		%	%	Dir.	m/s.	Dir.	m/s.	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1012·2	1015·2	87·8	85·2	91	83	3·0	2·8	11·6	9·8	69	69	18	3	—	1	4	0	0·8	9·7	81	Fine.
2	1017·6	1016·2	86·5	85·5	91	80	1·5	1·7	12·7	11·6	83	80	—	1	—	0	8	10	—	2·4	80	c.
3	1012·2	1010·8	84·7	82·4	89	82	0·5	2·0	12·9	8·9	94	75	—	0	—	0	10	0	—	1·7	80	o. till 16 h.
4	1009·8	1014·5	85·7	84·5	90	82	1·0	1·6	12·7	10·9	88	81	—	1	—	1	10	10	1·7	3·2	77	o. *a.* ● showers *p.*
5	1017·6	1020·6	87·1	88·6	90	83	1·3	0·2	13·5	17·2	85	98	—	1	—	1	10	10	1·0	0·2	81	Drizzling ●.
6	1024·0	1026·7	89·9	90·4	*x* 95	*x* 87	0·4	1·7	18·2	16·3	96	82	—	1	—	0	10	9	—	4·2	87	c.
7	1029·8	1028·4	90·8	89·3	94	*x* 87	0·6	1·5	19·0	15·4	94	84	—	1	—	1	10	9	—	0·2	86	o. most of day.
8	1026·7	1027·7	91·4	89·7	*x* 95	86	1·7	1·7	17·2	15·4	82	82	—	1	—	0	0	9	—	6·9	82	Fine.
9	1031·1	1030·8	87·1	81·8	91	81	2·4	0·5	11·9	10·6	75	94	—	0	—	0	3	7	—	6·3	77	Fine.
10	1028·1	1023·7	86·3	84·7	90	*n* 77	1·7	1·8	12·3	10·8	80	79	—	0	—	1	5	8	—	6·5	*n* 74	Fine.
11	1012·5	1015·2	87·3	87·1	90	84	0·4	0·7	15·3	14·7	94	92	20	2	—	1	10	10	0·4	2·5	82	c.
12	1017·6	1019·6	88·4	87·4	90	*x* 87	0·7	0·3	15·9	15·7	91	96	—	1	22	2	10	9	—	—	86	o.
13	1019·3	1022·0	85·7	82·0	90	82	2·0	1·3	11·3	9·4	77	84	—	1	—	0	9	8	0·3	7·0	84	Fine.
14	1027·1	1025·7	83·6	81·6	87	*n* 77	2·8	1·5	8·7	8·9	*n* 68	81	—	0	—	0	8	8	—	4·3	*n* 74	c.
15	1020·0	1021·0	87·4	86·7	90	81	1·1	1·3	14·2	13·3	87	85	—	1	—	1	10	10	—	1·1	79	c.
16	1024·0	1025·4	87·3	86·3	90	86	1·0	0·9	14·2	13·5	87	89	—	0	—	0	10	10	1·6	—	84	o.
17	1015·9	1011·8	85·8	84·3	89	84	1·0	0·6	13·0	12·4	89	93	20	4	—	1	10	10	*x* 9·3	—	84	● most of day.
18	1007·1	1005·1	83·9	80·9	87	81	2·1	0·8	9·8	9·5	76	91	—	1	—	1	7	10	3·7	5·4	79	● showers. Fine intervals.
19	1013·2	1020·0	84·6	83·6	87	81	1·9	1·3	10·6	10·8	78	85	32	2	—	1	2	10	—	1·6	79	c.
20	1022·3	1022·7	83·3	83·0	86	78	1·4	0·6	10·3	11·3	83	93	—	0	—	0	10	10	—	—	*n* 74	o.
21	1022·3	1020·0	83·1	83·0	*n* 85	81	1·7	1·4	9·8	10·0	80	82	—	0	—	1	10	10	—	—	81	o.
22	1018·3	1016·6	84·1	85·3	87	83	0·9	1·2	11·6	12·2	88	85	16	3	16	3	10	10	—	—	82	o.
23	1013·5	1014·9	85·9	86·6	91	85	1·1	0·9	12·8	13·8	87	89	16	4	16	3	10	8	—	1·5	82	c.
24	1013·2	1012·5	86·8	85·5	90	85	1·0	0·6	13·8	16·7	89	93	—	1	12	5	10	4	—	0·5	84	o.
25	1012·2	1009·1	84·5	87·5	89	84	0·6	1·6	12·5	13·5	93	81	—	1	10	3	10	10	—	0·7	82	c.
26	1014·2	1012·5	88·4	87·2	91	86	2·1	0·6	13·4	14·9	77	92	12	3	—	1	3	10	0·1	9·3	84	Fine.
27	1007·8	1004·4	87·2	86·4	90	86	1·0	0·6	14·2	14·2	87	93	8	4	4	2	10	10	3·3	0·9	85	o.
28	1007·4	1009·1	87·4	83·4	92	84	0·7	0·5	14·9	11·9	92	94	—	1	—	0	10	0	—	7·4	85	Fine.
29	1011·2	1016·2	84·9	83·7	87	80	0·3	0·8	13·3	11·6	96	90	—	1	—	1	10	5	—	0·7	77	o.
30	1021·3	1023·0	81·7	81·6	*n* 85	80	1·5	1·4	9·0	9·1	81	83	—	1	—	1	10	10	—	—	79	o.
Mean	1017·7	1018·0	86·3	85·2	89·7	82·8	1·3	1·1	13·1	12·5	85	87		1·3		1·1	8·3	8·1	22·2	2·80	81·0	
Mean Pressure at Station Level.	1010·2	1010·6																				

DUBLIN (PHŒNIX PARK), a.c.—SEPTEMBER 1916.

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 = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin mean time.

1	1014·2	1017·9	88·6	83·9	92	82	2·9	0·9	12·2	11·5	70	88	20	5	24	2	2	0	—	8·6	82	Fine.
2	1018·6	1016·2	88·6	85·6	91	80	2·2	0·5	13·5	13·5	77	95	28	2	Calm	0	8	8	14·9	2·3	76	c.
3	1010·5	1011·5	84·1	84·6	90	84	0·2	0·5	12·9	12·5	97	93	4	1	Calm	0	10●	2	2·0	2·4	82	●² *n.* ●⁰ till 11 h. *c.*
4	1011·2	1015·6	85·6	85·1	90	82	1·2	1·8	12·5	11·2	87	79	20	2	20	1	9●	8	2·3	2·7	81	●⁰ *a.* *c.* ●² showers 17 h.
5	1018·6	1021·0	86·7	89·6	91	84	1·1	0·5	13·5	17·6	87	95	20	2	Calm	0	5	9	1·8	0·3	82	o. ●⁰ *p.*
6	1025·0	1027·7	90·1	86·1	94	*x* 86	0·5	0·4	18·3	14·2	94	96	24	2	Calm	0	8	2	—	2·6	86	c.
7	1030·1	1029·1	89·6	87·4	94	85	0·5	0·0	17·6	16·3	94	99	24	1	Calm	0	8	8	—	0·4	82	o.
8	1027·4	1027·7	87·6	85·5	*x* 95	80	0·4	0·3	15·6	13·9	95	96	28	1	Calm	0	8	1	*x* 2·3	2·1	78	c.
9	1030·8	1030·1	86·7	81·3	90	80	1·5	2·8	12·9	7·1	82	66	32	4	32	1	7	1	—	5·4	81	● 5 h.–7 h. Fine.
10	1028·1	1024·0	85·1	81·7	91	79	1·0	3·3	12·2	7·1	87	*n* 64	28	3	Calm	0	1	2	—	10·2	78	Fine.
11	1014·9	1016·6	86·7	88·2	91	79	1·0	0·9	13·9	15·6	88	91	20	5	24	6	9	9	—	1·8	79	c.
12	1019·6	1021·0	87·1	89·1	92	*x* 86	0·8	1·2	14·6	15·9	90	88	20	3	24	4	10	10	—	0·6	84	o.
13	1020·3	1023·0	87·1	82·4	90	82	1·8	1·5	12·9	9·5	80	80	24	3	28	2	10	0	0·5	5·6	86	Fine.
14	1027·4	1027·1	83·4	79·6	87	78	2·7	0·7	8·5	8·8	69	91	26	2	Calm	0	4	2	—	6·9	76	●⁰ 2 h.–3 h. Fine.
15	1022·3	1022·0	84·9	87·0	90	79	1·4	1·2	11·5	13·9	83	87	24	3	24	4	10	9	—	0·8	75	c.
16	1025·0	1026·4	87·9	85·7	91	*x* 86	1·5	0·6	13·9	13·5	84	94	28	3	Calm	0	10	10	0·2	0·3	85	c.
17	1020·3	1012·5	86·7	88·0	89	84	2·1	0·4	12·2	15·9	77	95	20	5	24	4	7	10●	0·8	—	82	o., with ● *a.* and *p.*
18	1009·5	1006·1	83·9	81·3	89	81	2·0	1·1	9·8	9·1	77	85	20	6	24	4	10●	2	2·2	5·3	79	● *a.* Fine. ● showers *p.*
19	1013·2	1020·6	84·7	80·1	87	80	1·9	0·5	10·8	9·5	78	93	28	3	Calm	0	10	0	—	1·3	79	c. ⌒ ●² *n.*
20	1022·3	1023·3	84·7	82·9	*n* 85	*n* 77	2·3	1·1	10·2	10·5	74	87	28	3	20	1	7	10	—	2·7	*n* 74	c. ⌒ ●² *n.*
21	1022·7	1021·0	84·0	82·4	86	82	1·6	1·0	10·5	10·2	80	87	24	1	Calm	0	10	9	—	—	81	o.
22	1019·3	1017·9	86·6	81·8	89	81	2·6	1·2	11·2	9·5	71	85	16	2	Calm	0	10	2	—	—	80	o.
23	1014·9	1014·2	86·9	85·6	90	81	2·5	0·8	11·5	13·2	73	91	20	3	Calm	0	10	10	—	1·7	78	c.
24	1013·5	1013·2	87·2	85·6	91	83	2·5	1·1	11·9	12·5	74	87	16	1	Calm	0	10	1	—	0·2	81	o.
25	1011·8	1008·4	87·1	89·5	90	84	1·9	1·7	12·5	15·2	78	82	12	4	12	4	10	10●⁰	—	0·5	79	o.
26	1014·5	1011·2	89·1	86·4	91	*x* 86	2·2	0·6	13·9	14·2	77	93	12	3	Calm	0	6	10	12·1	7·1	81	Fine.
27	1005·7	1004·0	87·3	86·3	90	*x* 86	0·4	0·6	15·6	13·9	95	92	8	2	Calm	0	10	10●	*x* 17·2	0·7	85	●² 3 h. 40 m.–5 h. 30 m.
28	1007·1	1008·4	88·2	81·1	91	81	1·2	0·3	14·9	10·2	87	96	12	2	Calm	0	10	2	—	4·8	85	●² *n.* o.
29	1010·1	1014·5	85·8	84·5	87	79	0·5	0·6	13·9	12·5	94	93	4	2	4	2	10	1	—	—	76	o. ⌒ ●² *n.*
30	1020·6	1022·3	82·8	82·2	*n* 85	82	0·2	1·0	11·5	10·2	96	87	4	1	Calm	0	10	10	—	0·1	81	o.
Mean	1018·4	1018·5	86·5	84·7	89·9	81·9	1·5	1·0	12·9	12·3	83	89		2·7		1·2	8·3	5·6	56·3	2·57	80·5	
Mean Pressure at Station Level.	1012·5	1012·6																				

x denotes the maximum and *n* the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON.
November 4th, 1916.

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1916.

DEERNESS, ORKNEY, a.b.c.—OCTOBER 1916.

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 = 0·30 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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. Dir.	m/s.	21 h. Dir.	m/s.	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.		%	%	Dir.	m/s.	Dir.	m/s.	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1022·3	1018·3	81·0	79·5	83	79	2·2	0·2	7·7	9·4	74	97	32	3	22	2	8	1	0·8	—	No record.	Fine *a.*; ● 14 h.–20 h.
2	1020·0	1019·6	81·1	78·9	82	78	2·2	1·1	7·7	7·8	73	85	2	4	12	2	2	1	—	8·4		Fine *a.*; ●⁰ 17 h.–18 h.
3	1014·9	1006·8	81·8	83·6	84	79	2·1	0·2	8·3	12·5	75	98	14	9	14	4	9	8	1·0	1·0		Dull all day. [18 h.
4	1001·0	997·9	84·9	81·0	86	80	0·2	0·0	13·5	10·7	98	100	16	3	6	6	9	10≡	13·2	—		● 3 h.; ≡ after 17 h.; ●⁰ 17 h.–
5	1003·0	1004·0	81·7	81·6	82	*x* 81	0·6	1·4	10·4	9·0	93	83	4	5	8	5	10	10	1·0	—		● early; ≡⁰ at times; dull *p.*
6	994·9	990·5	83·2	82·8	84	*x* 81	0·0	0·0	12·4	12·1	100	100	6	6	28	6	10●⁰	10	1·0	—		● till 15 h., then fair.
7	990·8	997·6	82·2	80·4	84	80	0·6	1·5	10·8	8·2	93	80	32	5	28	6	10	8	—	—		Dull.
8	1001·3	995·6	81·2	84·8	85	80	1·1	0·7	9·2	12·5	86	91	26	2	16	8	10	10	4·6	1·2		Fair; ●⁰ 17 h.–18 h., then fair.
9	996·9	1001·3	82·7	81·8	85	*x* 81	0·6	0·7	11·0	13·6	93	91	22	9	22	13	6	3	3·6	3·7		● showers all day. [15 h.–16 h.
10	994·6	988·5	82·4	81·1	86	*x* 81	0·7	0·0	10·7	10·8	92	100	14	9	24	8	10●	10●⁰	10·7	1·4		● till 13 h., then showery.
11	999·6	1002·7	82·6	81·7	84	80	1·4	0·4	9·8	10·6	82	95	24	11	16	7	2	10●	19·1	3·5		●⁰ *a.*; ⊕ 16 h.–17 h.; ● after 21 h.
12	989·8	996·3	86·6	81·7	*x* 87	*x* 81	0·4	0·6	14·6	10·4	95	93	20	8	24	18	10	8	12·7	1·5		●² *a.*; ●▲ *p.* ⚡ 17 h.–20 h. ⌒ 19 h.–24 h.
13	1010·8	1010·1	81·5	80·0	84	80	0·5	1·1	10·3	8·5	94	85	22	5	24	6	8●⁰	1	4·8	0·7		● 9 h.–18 h., then fair.
14	995·9	967·5	81·1	80·8	86	79	0·6	0·3	9·9	10·2	93	96	12	10	16	11	10●²	10	*x* 34·8	—		●² 8 h.–15 h. ⌒ after 17 h.
15	991·2	1010·8	80·7	74·5	81	75	1·9	0·1	8·0	6·8	77	99	28	15	26	13	9	10▲	2·3	1·3		●▲ ✳ (sleet) showers. ⚡ 4 h.–6 h.
16	1016·2	1017·6	76·6	77·2	*n* 78	*n* 74	2·4	1·2	5·2	6·8	*n* 66	82	28	9	26	3	8▲	10	0·3	1·7		▲ showers till 12 h.
17	1013·9	1006·4	77·8	81·2	81	75	1·2	0·8	7·1	9·7	84	90	18	2	14	10	0	10	—	8·6		Fine all day.
18	1006·8	1006·4	81·8	80·0	85	80	0·4	0·5	10·6	9·2	95	94	16	3	24	3	4	5	9·9	2·8		Fine *a.* ● 17 h.–20 h.
19	1017·6	1021·3	82·5	82·2	85	79	0·2	1·1	11·5	9·9	97	86	—	1	14	9	0	0	—	8·5		Very fine all day.
20	1020·0	1017·6	82·3	82·0	84	*x* 81	1·2	0·8	9·9	10·3	85	91	14	10	16	10	10	10	—	—		o. all day.
21	1013·5	1011·5	81·1	80·0	82	80	2·2	2·2	7·7	7·1	73	72	14	13	14	10	8	5	—	0·1		∞ all day.
22	1010·5	1012·8	80·6	80·4	82	80	2·1	1·9	7·6	7·7	74	75	16	6	16	6	3	5	—	3·0		Fine all day.
23	1011·8	1001·0	80·2	81·6	82	80	0·8	0·7	8·9	10·0	89	91	12	7	12	8	8●⁰	8	8·9	—		●² 17 h.–19 h., then ●⁰ showers.
24	999·3	999·3	81·9	82·8	83	*x* 81	1·2	1·1	9·6	10·4	85	86	16	8	12	10	10	7	0·8	2·0		Dull *a.*, bright *p.* [17 h.–18 h.
25	992·2	992·5	82·4	83·1	85	*x* 81	0·4	0·8	11·0	10·9	95	89	14	10	14	10	10●	10	2·0	0·7		● 6 h.–11 h., then showery.
26	999·0	1006·1	81·8	81·1	83	*x* 81	2·1	1·1	8·3	9·1	75	86	12	12	14	2	4	3	—	2·2		Bright 7 h. Dull to fine *p.*
27	1001·0	1004·0	80·9	80·7	82	80	0·5	1·3	9·9	8·8	94	84	8	2	8	9	10	1	3·0	0·2		●⁰ showers *a.*, then fine.
28	991·5	981·4	82·4	82·1	83	*x* 81	0·9	0·4	10·5	10·8	89	94	10	10	8	4	8	10	10·7	0·7		●⁰ *a.* ● 16 h.–24 h.
29	989·8	994·6	81·2	82·1	83	*x* 81	0·7	1·0	9·8	10·0	91	87	14	7	12	9	3	10●⁰	4·6	5·1		Fair. ● after 20 h.
30	985·8	974·9	82·8	81·4	83	*x* 81	0·8	0·6	10·8	10·2	90	93	10	11	10	7	9	10●	6·6	—		●⁰ and ● all day.
31	976·3	984·4	81·0	81·0	82	*x* 81	0·6	0·9	9·9	9·4	93	89	20	6	18	7	7	5	1·0	1·7		●⁰ *a.*, then bright.
Mean	1002·3	1001·3	81·7	81·1	83·4	79·7	1·1	0·8	9·8	9·8	87	90		7·3		7·7	7·3	7·1	157·4	1·94		
Mean Pressure at Station Level.	996·2	995·2																				

ABERDEEN, a.c.e.—OCTOBER 1916.

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 = 0·61 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

1	1024·0	1019·4	81·4	80·9	84	79	2·7	1·3	7·3	8·8	67	83	—	1	—	1	10	6	—	2·7	No record.	Dull *a.* c. to fair *p.* and *n.*
2	1019·7	1020·8	81·1	77·5	83	77	1·7	1·1	8·4	7·1	78	84	28	3	32	2	7	8	—	4·6		c. to fair *a.* "Purple light" 18 h.
3	1016·8	1009·4	82·7	84·1	85	79	2·2	0·5	8·7	12·3	73	94	14	5	18	3	10	8≡⁰	0·1	—		●⁰ *a.* and *p.* ≡⁰ *n.*
4	1003·0	997·2	86·1	86·3	88	*x* 84	0·8	0·5	13·5	14·3	90	94	16	3	—	1	5≡⁰	10≡⁰●	1·7	1·7		Fair to c. *a.* ≡⁰●⁰ *p.*
5	1003·0	1000·7	86·1	84·6	87	*x* 84	0·6	0·3	13·9	13·0	93	90	—	0	—	1	10≡⁰●⁰	10≡⁰●	*x* 15·2	—		Dull; intermittent ●⁰.
6	990·7	991·1	85·1	84·0	87	*x* 84	0·2	0·5	13·7	12·2	98	94	2	2	26	5	10≡⁰	10	7·8	—		≡⁰●⁰ *a.* ≡⁰● *p.*
7	990·6	999·2	83·1	82·5	86	82	0·7	1·1	11·2	10·2	91	80	22	2	28	4	10●	5	0·7	0·1		Occasional ● *a.* Dull to c. *p.*
8	1003·2	1001·2	84·1	85·4	89	81	1·9	1·1	10·1	12·4	77	87	20	2	14	4	2	7	0·6	5·1		Fine to fair. c. *n.*
9	1001·3	1009·7	85·7	83·0	88	82	3·5	2·9	9·2	8·0	63	66	22	7	18	4	0	8	0·4	9·6		●⁰ early to fine *a.* Fair *p.*
10	999·8	995·2	83·5	83·8	90	82	1·6	3·6	10·1	7·8	80	61	16	5	22	7	10●	0	—	3·8		●⁰ to fair.
11	1004·9	1006·3	82·9	82·8	85	80	3·3	0·4	7·7	11·3	63	94	22	5	16	3	5	10●	6·0	1·0		Fair to dull. ● *n.*
12	996·3	1004·7	88·8	85·0	*x* 93	*x* 84	2·0	4·3	14·0	7·8	79	*n* 56	20	8	22	8	6	0	—	3·4		Very squally *a.* c. to fair.
13	1015·0	1013·3	83·5	82·4	86	80	3·2	2·1	8·2	8·0	65	74	18	2	20	2	0∞	10	3·8	4·5		Fine early to c. ⊕ 12 h.
14	998·1	973·8	82·8	85·6	90	81	0·7	3·0	11·0	9·9	91	68	12	7	20	12	10●	4	5·2	—		Dull, with ● *a.* and *p.* q. *p.*
15	994·7	1013·5	79·6	77·0	83	76	1·1	1·5	8·3	6·3	85	78	26	5	28	6	10●	1	5·8	1·0		q., with ●, to fair *a.* ●⁰ showers
16	1017·9	1019·7	77·3	74·9	*n* 79	74	1·7	1·6	6·3	5·2	76	74	26	4	28	3	6	8	—	1·9		●⁰ early. ✳⁰ ●⁰ (sleet) *a.* [*p.*
17	1015·9	1009·4	75·7	80·0	81	*n* 72	2·1	0·5	5·2	9·3	70	93	20	3	18	2	0∞	10●	1·5	6·1		⌣ ∞ *a.* Fair to c. *p.* ● *n.*
18	1009·6	1009·0	79·7	81·4	84	79	0·8	1·0	8·7	9·4	89	86	—	0	24	2	2∞	8≡⁰	1·0	2·9		Fine *a.* Fair to c. *p.* ●⁰≡⁰ *n.*
19	1018·6	1024·9	79·3	81·4	83	76	1·2	0·6	7·9	10·1	83	92	26	4	16	2	0∞	6≡⁰	—	8·2		⌣ *a.* Fine *p.*
20	1024·2	1021·5	80·9	81·7	84	80	0·9	2·1	9·2	8·3	87	74	16	3	16	5	0≡⁰	8	—	5·1		≡⁰ *a.* Fine to fair *p.*
21	1017·6	1014·0	80·0	77·6	82	78	2·9	1·6	6·4	6·5	64	77	18	4	18	2	7∞	1	—	3·6		Fine to fair *a.*

FORT WILLIAM, INVERNESS-SHIRE, a.c.—OCTOBER 1916.

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 = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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. Tenths of Sky covered. 9 h.		21 h.		Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
	millibar.		200 + °	200 + °	200 + °	200 + °	millibar.				%	%	Dir.	(0–12)	Dir.	(0–12)					mm.	hrs.	200 + °	
1	1023·3	1020·3	80·8	77·4	87	77	1·8	0·7	8·1	7·5	78	90	Calm	0	Calm	0	10		1		—			Fine, clear, and sunny.
2	1019·6	1017·3	78·7	78·2	85	74	1·2	1·5	7·5	7·0	84	80	8	1	Calm	0	1		0		—			Fine, clear, and sunny.
3	1012·5	1006·8	80·2	83·6	85	76	1·1	0·3	8·6	12·2	85	96	Calm	0	Calm	0	10		10●		10·2			Dull. ● *n.*
4	1001·7	997·6	86·4	85·8	x 88	x 84	0·1	0·1	15·1	14·7	99	99	24	2	Calm	0	10≡		10≡		0·8			"Muggy," with ●⁰ ≡.
5	1002·7	1001·0	84·7	84·1	87	x 84	0·3	0·3	13·1	12·7	96	97	20	1	Calm	0	10		10●⁰		16·8			Dull; hill ≡; occasional ●
6	990·5	992·9	84·1	84·1	85	x 84	0·0	0·0	13·2	13·2	100	100	8	2	Calm	0	10≡		10●≡		24·1			●, ≡⁰ ≡; "muggy." [showers.
7	992·2	1002·0	84·0	83·0	87	82	0·6	1·8	12·2	9·6	93	79	24	3	28	3	10●⁰		7		2·3			●⁰ showers fair to fine generally.
8	1004·4	1000·0	85·2	85·8	87	82	1·1	0·6	12·2	13·6	86	93	20	3	20	5	10		10●		32·3			Fair till 15 h., then ●² and q.
9	1004·4	1008·4	83·1	81·9	86	82	0·7	0·9	11·2	9·9	91	88	20	3	24	3	9●		4●⁰		23·4			Showery.
10	995·6	999·3	84·2	83·6	87	81	0·1	2·7	13·1	8·8	99	69	20	4	20	5	10●≡		7		9·1			●² showers; ⚠ *n.* [floods.
11	1006·8	1004·7	82·4	86·3	86	81	1·7	0·2	9·3	14·9	79	98	20	3	20	4	8●⁰		10●		x 14·3			●² after 22 h. Destructive
12	999·0	1009·5	87·4	83·6	87	x 84	0·5	1·9	15·3	9·8	94	77	20	4	28	4	10●		10●		5·1			Blustering and showery.
13	1014·5	1013·5	82·4	81·7	85	81	1·1	0·9	10·2	9·8	87	89	20	3	20	1	6		10		27·2			Showery, with fair intervals.
14	991·2	979·0	85·2	82·4	87	81	0·2	0·6	13·7	10·9	97	93	20	4	20	5	10●		10●		87·1			●² ≡⁰ all day. [intervals.
15	1000·7	1017·6	79·7	77·5	83	77	1·1	1·8	8·2	6·3	84	74	20	3	20	1	10●		1		3·3			Showery; short sunny intervals.
16	1019·6	1020·6	76·3	73·6	80	73	0·6	1·7	7·1	4·4	91	69	4	2	8	1	2		0		—			Fair to fine and sunny.
17	1013·2	1007·1	73·8	78·8	n 79	n 70	0·8	0·3	5·5	8·8	85	96	Calm	0	Calm	0	10		10		2·8			⌣ early; dull and showery.
18	1009·8	1010·1	81·6	80·7	84	79	0·2	1·1	10·7	9·0	97	87	20	3	Calm	0	10●⁰≡		10		12·7			Dull with ● most of day; hill [≡.
19	1018·9	1023·0	79·6	82·1	86	79	0·8	1·4	8·7	9·4	89	83	Calm	0	20	1	0		10		—			Fine and sunny.
20	1021·3	1017·3	83·0	83·6	85	82	1·4	2·1	9·1	9·6	83	76	24	3	20	1	10○		10○		—			Dull and lowering. Fair.
21	1013·5	1011·5	81·9	79·1	84	79	2·8	1·1	7·5	7·9	67	84	20	3	Calm	0	9○		10○		—			Dull and lowering. Fair.
22	1011·5	1011·8	80·8	77·9	82	77	2·8	1·6	7·0	6·7	67	78	16	2	Calm	0	10○		10○		0·3			Fine, dry and sunny. ∞.
23	1007·1	1001·3	79·6	77·3	82	77	1·0	1·0	8·3	7·1	86	86	8	2	Calm	0	10●⁰		1		3·0			Fair and dry. ∞ and c.
24	999·6	994·2	80·7	83·4	85	76	1·4	3·2	8·6	8·1	83	64	20	1	12	1	10		4		1·3			Fair and dry. ●⁰ evening.
25	983·4	988·1	84·6	83·0	85	82	3·8	3·3	8·1	7·6	n 60	63	16	5	16	2	10●⁰		9		3·6			Dull and c. ● showers. ✱ on
26	997·9	1005·7	81·3	76·7	84	76	2·2	0·5	7·9	7·3	74	93	20	4	12	1	10●⁰		1		1·8			Dull and c. ● showers: ✱ on hills.
27	997·9	988·5	77·6	79·7	81	74	1·3	0·7	6·9	8·8	81	90	12	3	20	2	8		8		0·3			●⁰ showers. ✱ on hills. [hills.
28	986·4	986·4	80·8	79·9	83	79	1·5	0·8	8·5	8·8	81	89	8	3	20	1	9		10●⁰		4·6			Fair generally. ●⁰ showers.
29	990·2	992·2	80·2	79·1	83	79	1·1	1·1	8·6	7·9	85	84	20	2	Calm	0	6		8		1·5			Fair to fine and sunny.
30	981·0	974·6	79·5	80·1	82	79	0·4	0·9	9·1	8·8	94	88	Calm	0	20	2	10		10●		10·7			Lowering. ∞. ● *n.*
31	982·4	991·2	80·2	80·8	81	80	0·6	1·3	9·3	8·8	92	84	24	3	20	3	10●		8		13·2			Bleak and showery. ✱ on hills.
Mean	1003·0	1003·0	81·6	81·1	84·5	79·1	1·1	1·2	9·7	9·3	86	85	2·3		1·5		8·6		7·4		411·8			
Mean Pressure at Station Level.	1001·6	1001·6																						

DOUGLAS, ISLE OF MAN, a.—OCTOBER 1916.

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 = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local 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. | | 9 h. | | 21 h. | | 9 h. | | 21 h. | | 9 h. | | 21 h. | | 9 h. | | 21 h. | | 9 h. | | 21 h. | | 9 h. | | 21 h. | | 9 h. | | 21 h. | | 9 h. | | 21 h. | | 9 h. | | 21 h. | | 9 h. | | 21 h. | | 9 h. | | 21 h. | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---

ARMAGH, a.c.d.—OCTOBER 1916.

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 = 0·30 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir.	m/s.	Dir.	m/s.	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1020·3	1017·3	84·2	84·0	85	81	1·8	0·9	10·4	11·5	78	88	12	4	—	1	10	10	2·1	—	81	o. all day.
2	1015·9	1012·5	82·3	83·7	86	82	0·3	0·5	11·2	12·0	95	94	4	2	8	4	10●	10	9·9	—	83	o. all day.
3	1009·5	1009·5	89·2	86·8	x92	84	1·1	0·9	16·1	14·0	88	89	16	2	—	1	9	0	2·6	4·1	83	Very fine and mild.
4	1002·0	997·9	86·7	86·7	89	x86	0·3	0·4	15·0	14·9	96	95	—	0	20	4	10●	10	17·4	—	84	o.
5	1006·4	994·2	86·7	88·5	91	85	0·4	0·1	14·8	17·3	95	99	—	1	16	5	7	10●	12·5	2·4	85	Mostly o.
6	993·5	996·3	85·8	85·6	91	85	0·4	0·6	13·9	13·5	94	93	—	1	18	3	10●	10●	x18·0	1·3	85	o. till 15 h.
7	992·9	1007·1	83·5	84·8	87	82	0·4	0·6	12·1	12·6	95	93	20	5	22	2	10●	10	4·5	4·1	81	o. till noon. Fine afternoon.
8	1010·5	1006·4	87·2	87·4	89	84	1·4	1·7	13·5	13·3	83	81	20	2	20	5	5	4	0·7	1·1	82	Mostly o.
9	1011·8	1013·9	85·7	82·7	89	82	1·9	1·1	11·4	10·3	78	87	20	2	20	2	1	5	1·1	7·1	81	Very fine.
10	1003·4	1008·4	87·6	84·9	90	81	0·7	2·3	15·2	10·1	93	72	20	5	22	4	10●	10	6·7	0·4	80	o.
11	1011·8	1013·2	83·5	87·5	89	82	0·2	1·3	12·3	14·0	98	84	—	1	20	5	10	10	2·2	—	82	o. all day.
12	1008·4	1017·6	88·8	82·8	90	82	0·4	1·5	16·9	9·8	95	81	20	5	—	1	10	5	1·1	1·0	86	o. till 15 h. Fine afternoon.
13	1018·9	1014·2	83·3	83·4	85	80	1·0	0·5	10·8	11·9	87	94	—	0	—	1	10	10	7·0	—	79	o.
14	998·3	997·6	89·3	82·8	91	81	0·8	1·9	16·8	9·2	91	77	18	6	24	3	10	10	5·1	—	83	o. all day.
15	1009·5	1021·3	79·1	77·2	84	77	0·9	0·4	8·2	7·6	87	93	—	1	—	1	10●	8	2·9	4·4	77	Fine till noon. ▲² shower 12 h. [15 m.
16	1021·7	1019·6	80·9	76·7	83	n76	1·2	0·5	9·0	7·4	86	93	—	1	—	1	8	4	3·9	1·7	n74	Mostly c.
17	1010·1	1009·5	81·8	81·9	85	77	0·4	0·2	10·6	10·9	95	96	14	3	—	1	10●	10	1·4	—	75	o.
18	1013·9	1015·6	81·9	81·8	85	80	0·6	0·9	10·4	9·9	91	89	—	1	—	1	10	10	1·9	0·1	79	o. all day.
19	1021·0	1023·7	82·5	83·4	85	81	0·9	1·2	10·4	10·6	88	85	—	0	—	1	10	10	—	—	80	Fair but o.
20	1021·3	1016·9	83·9	82·8	85	83	1·0	1·5	11·3	9·8	88	81	16	3	14	4	10	10	—	0·5	81	Fair but o.
21	1012·5	1008·8	82·2	81·9	83	80	1·4	2·0	9·6	8·6	83	75	14	5	14	5	10	10	—	—	82	o. all day.
22	1008·4	1007·1	80·6	78·7	82	79	1·4	0·8	8·4	8·1	82	90	12	2	4	2	10	10	1·2	—	78	o. ● showers.
23	1003·0	1003·0	79·6	79·3	82	79	0·3	0·1	9·3	9·2	96	98	—	1	—	1	10	10●	0·5	—	79	o. all day.
24	999·3	986·1	81·0	83·2	86	78	1·7	1·7	8·4	9·8	80	80	16	3	12	7	7	5	3·9	6·3	77	Fine.
25	974·9	989·5	82·8	78·1	84	78	2·6	1·3	8·4	7·1	n70	82	14	8	20	5	8	5	—	2·7	80	Mostly o.
26	1002·0	1003·7	79·6	77·8	84	77	1·7	1·1	7·5	7·2	77	86	20	3	12	3	1	0	5·6	8·3	76	Very fine.
27	985·8	981·0	78·5	80·6	82	n76	0·5	0·1	8·3	10·3	93	99	4	5	2	2	10●	10●	12·6	0·2	76	o., with ●. ⚲ 16 h.
28	987·1	990·8	79·6	78·6	84	79	0·3	0·8	9·2	8·1	96	89	—	1	20	2	7	0	3·3	2·9	80	Mostly o.
29	987·5	991·9	79·2	77·2	n80	n76	0·1	0·1	9·2	8·1	98	98	—	1	—	0	10●	10	6·0	—	76	o.
30	974·9	982·4	80·9	80·2	84	n76	0·2	0·4	10·4	9·5	97	95	12	3	22	3	9	8	3·8	—	n74	o.
31	989·8	999·3	78·6	78·4	83	77	1·0	0·9	7·8	7·8	86	88	20	4	18	2	7	0	0·4	3·9	77	Cold *a*. Fine.
Mean	1004·0	1005·0	83·1	82·2	85·9	80·2	0·9	0·9	11·2	10·5	89	89	2·6		2·6		8·7	7·5	138·3	1·7	79·9	
Mean Pressure at Station Level.	996·7	997·6																				

DUBLIN (PHŒNIX PARK), a.c.—OCTOBER 1916.

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 = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin 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.	Dir. (0–12) 9 h.		Dir. (0–12) 21 h.		9 h.	21 h.	9 h.	9 h.	21 h.	
1	1020·3	1016·2	84·9	85·8	86	81	0·2	0·3	13·5	14·2	96	97	12	2	Calm	0	10	10	5·2	—	81	o. all day.
2	1014·2	1011·5	85·1	86·3	87	85	0·1	0·1	13·9	14·9	98	99	8	4	Calm	0	10●	10●	16·5	—	85	● *a.* and *p.* o. all day.
3	1010·5	1010·5	90·7	87·7	n94	x86	1·8	1·1	16·6	14·6	82	86	16	3	12	1	2	9	11·3	5·9	83	●² early. c., with ●.
4	1003·0	1002·0	87·2	87·9	91	x86	0·3	1·2	15·6	14·6	97	87	Calm	0	24	7	10●	10	2·9	1·8	85	c. o. ● *a.* and *p.*
5	1007·8	998·3	88·1	90·6	92	85	0·8	0·9	15·6	17·9	91	90	16	2	22	5	10	10	4·5	5·4	84	o. all day. ● showers *p.*
6	993·5	999·0	91·1	85·6	93	85	1·2	1·5	18·3	11·9	88	82	20	7	20	8	10	10●	1·2	5·2	87	●² 6 h. c. o.
7	999·0	1009·8	85·7	83·9	89	83	1·8	1·0	11·9	11·5	80	88	22	8	24	8	9	7	7·1	2·2	81	⊤▲●² 10 h. ● *p.*
8	1012·8	1010·8	88·6	87·2	89	84	1·4	1·5	14·9	13·5	85	83	16	6	20	6	8	9	0·4	0·4	82	● early. o. c. *n.*
9	1014·2	1015·9	87·1	80·8	90	80	2·1	0·6	12·2	9·8	77	92	20	4	Calm	0	7	1	—	6·6	82	●⁰ early. Sun and cloud.
10	1006·8	1011·2	88·7	85·6	91	79	1·2	2·0	15·2	11·2	88	78	22	7	20	6	10	9	3·7	1·4	75	●⁰ *a.* ●² showers *p.* c. *n.*
11	1013·2	1017·3	88·9	88·0	90	85	1·7	1·7	14·6	13·9	83	82	20	6	20	4	10	10	—	0·2	83	o. all day. ●⁰ showers *p.*
12	1012·5	1019·6	89·4	83·2	91	83	1·5	0·9	15·6	11·2	84	90	20	6	Calm	0	9	9	1·5	—	86	o. all day. ●⁰ showers *p.*
13	1019·6	1014·5	87·1	85·6	90	82	0·8	0·9	14·6	12·9	91	90	Calm	0	Calm	0	10●	10●	x18·2	—	79	o. all day, with ●.
14	1003·4	1001·7	90·2	82·4	92	82	1·8	1·2	15·9	9·8	81	84	20	6	20	3	10	6	1·9	—	85	o., with ●²▲. c. *n.*
15	1011·8	1022·3	81·3	78·3	84	77	2·4	0·9	7·8	7·8	72	87	20	4	24	1	4	0	0·3	—	77	c. ●² showers *p.*
16	1022·7	1020·3	79·9	80·1	84	76	1·0	1·2	8·5	8·5	87	86	20	2	Calm	0	8	10	4·4	—	74	o. ● showers *p.*
17	1010·1	1010·5	82·9	83·1	86	78	0·5	0·2	11·5	11·9	94	98	Calm	0	Calm	0	10●	10	4·0	—	76	c. d.
18	1015·9	1016·6	83·0	83·2	86	79	1·1	3·1	10·5	8·1	87	n65	20	3	24	3	7	4	0·4	0·7	77	o.; ●⁰ showers *p.*
19	1021·3	1024·7	82·9	82·3	85	81	1·5	0·2	9·8	11·2	82	96	Calm	0	Calm	0	10	10	0·1	—	80	o.; ●⁰ showers *p.*
20	1022·7	1017·9	84·4	83·0	86	82	0·9	1·4	11·9	10·2	88	83	Calm	0	Calm	0	10	10	—	0·1	81	o. all day.
21	1012·5	1009·1	82·8	82·3	84	82	2·0	2·7	9·1	8·1	76	68	12	4	12	3	10	10	—	0·2	81	o. all day.
22	1006·8	1004·7	81·2	80·1	n82	79	2·1	1·0	8·1	8·8	75	87	12	2	8	4	10	10	3·2	—	77	o. all day. d. *a.* and *p.*
23	1001·0	1004·7	82·9	79·9	85	80	1·1	0·6	10·5	9·1	87	91	12	1	24	2	10●	9	0·1	0·8	77	d. *a.* o.
24	1000·7	985·8	83·6	83·6	86	n72	2·1	2·1	9·5	9·5	75	75	16	2	12	8	4	10	9·4	6·1	70	Bright *a.* ⚲●² *p.*
25	977·6	991·2	83·4	78·4	86	78	3·0	1·6	8·5	7·1	66	79	16	6	12	6	1	0	0·6	6·8	78	Bright to c. ●⁰ showers *p.*
26	1004·4	1002·4	80·1	75·3	84	73	2·0	0·2	7·4	7·1	74	96	12	3	12	3	1	4	17·4	8·6	75	Beautiful day.
27	977·6	977·3	81·9	81·2	84	75	1·1	1·5	9·5	8·8	85	82	4	5	28	4	10●	10●	16·0	0·3	n69	●² from 3 h. and all day
28	988·5	993·5	79·6	79·1	84	79	0·8	0·7	8·8	8·5	89	91	20	4	20	4	7	5	11·3	2·0	79	o., with ● *a.* and *p.*
29	983·4	992·2	82·9	79·1	84	75	0·2	0·3	11·9	9·1	97	96	Calm	0	Calm	0	10●	3	10·5	—	71	o., with ● *a.* and *p.*
30	974·9	985·4	82·4	80·2	85	75	0·9	0·5	10·5	9·5	88	92	12	5	12	3	10●	2	9·8	0·8	72	o., with ●² *a.* and *p.*
31	993·9	1001·7	79·1	78·5	83	77	0·6	0·6	8·8	8·1	92	92	20	4	20	1	6	1	6·0	3·1	77	●² *a.* and *p.*
Mean	1005·1	1006·4	84·7	82·8	87·2	80·2	1·3	1·1	12·0	10·7	85	87	3·4		2·9		8·2	7·4	167·9	1·90	79·0	
Mean Pressure at Station Level.	999·2	1000·5																				

x denotes the maximum and *n* the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
December 12th, 1916.

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1916.

DEERNESS, ORKNEY, a.b.c.—NOVEMBER 1916.

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 = 0·30 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir. m/s.	Dir. m/s.	Tenths of Sky covered.		mm.	hr.	200+ °	
1	992·9	995·9	80·4	81·2	83	80	1·5	1·1	8·2	9·3	81	86	18 10	16 9	3	4	—	4·5	No record.	Fair to fine.
2	996·9	1001·0	78·9	79·7	82	79	0·6	0·7	8·5	8·8	92	90	18 4	20 4	4	7	1·8	3·0		Fine *a.* ● 15 h.–16 h., then ●⁰
3	1001·7	988·1	80·0	81·1	82	77	0·8	0·6	8·8	9·9	89	93	18 4	8 16	3	10●	12·2	2·2		⚲². ●² 18 h.–24 h. [showers.
4	976·3	980·0	82·1	82·2	84	x81	1·3	1·4	9·5	9·6	83	83	12 14	16 12	10	2	1·3	0·3		Dull *a*; fine *p.*
5	977·3	971·9	81·2	82·2	84	x81	0·4	0·3	10·3	11·1	95	97	6 10	10 8	10●	10●	x17·5	1·4		● 7 h.–12 h. and 18 h.–24 h.
6	970·2	973·6	80·1	81·8	83	80	0·7	0·8	9·1	10·1	91	90	18 8	18 7	5	10	4·1	6·0		Fine and bright.
7	978·0	972·6	80·1	80·2	82	80	1·7	0·2	7·9	9·8	79	97	14 12	28 2	9	10	2·3	—		Fair *a.* Dull. ● 13 h.–15 h.
9	975·9	982·0	78·9	79·1	81	79	0·4	0·4	8·8	8·8	94	94	— 1	— 1	8	0	1·8	1·0		c. Fine evening.
10	992·2	1006·8	80·0	81·2	82	78	0·6	0·2	9·2	10·5	93	97	24 2	— 1	10	10	—	0·5		Dull and o.; ▥.
	1010·8	1010·8	81·7	81·0	82	x81	0·4	0·4	10·5	10·0	95	94	18 4	18 2	10	10	8·4	—		Dull *a.*; "muggy" with ●⁰ showers.
11	1009·1	1008·1	84·4	82·8	x85	x81	0·1	0·7	13·3	10·9	99	92	20 6	22 13	10	8	5·3	—		● 3 h.–8 h. g. ●⁰ till 18 h.
12	1014·5	1015·9	81·7	80·7	83	x81	1·7	0·1	8·8	10·3	80	98	24 11	24 5	10	10●⁰	0·8	0·3		Fair early, then ●⁰.
13	1022·0	1028·4	79·4	78·9	81	79	1·2	1·6	8·0	7·3	83	80	28 3	— 1	4	1	—	2·4		Fine all day.
14	1030·8	1029·4	80·3	80·7	81	78	1·5	0·8	8·1	9·3	80	90	12 4	14 9	4	10	—	0·6		Fine all day.
15	1026·7	1023·3	80·7	80·6	82	80	1·1	1·8	8·9	8·0	86	78	14 10	14 13	2	7	—	1·0		Fine *a.*; some cloud *p.*
16	1019·6	1015·2	80·0	79·8	81	79	1·9	2·2	7·4	7·1	75	71	14 15	14 16	6	10	—	—		Dull. ⚡ 20 h.
17	1012·2	1007·8	79·4	79·0	81	79	2·2	2·2	6·9	6·6	71	71	12 14	10 14	10	9	—	—		o. all day. ⚡ 1 h. and 3 h.
18	1001·0	994·9	78·4	77·6	n79	77	2·3	1·2	6·3	7·0	71	84	10 13	8 14	10●	10●⁰	3·8	0·1		● *a.* ●⁰ showers *p.*
19	993·9	995·2	78·1	78·7	80	77	1·0	1·6	7·4	7·1	86	79	8 16	8 16	8●⁰	8	6·1	—		● showers all day. ⚡ 11 h. and
20	993·9	989·8	77·2	80·0	80	77	0·6	0·8	7·5	8·9	92	90	8 13	8 14	10●⁰	10	9·9	—		●⁰ showers all day. [12 h.
21	987·1	994·9	79·4	80·0	81	78	1·0	1·2	8·3	8·3	86	83	16 10	16 8	10	2	—	1·2		c. *a.* Fair.
22	1001·3	1000·3	78·2	80·8	81	77	0·9	0·7	7·6	9·6	87	92	20 5	16 10	10●	10	1·3	2·2		Fine *a.* ●⁰ showers evening.
23	1004·7	999·0	80·7	81·7	82	79	0·7	0·7	9·5	10·2	92	92	22 7	16 8	3	10	6·1	0·1		Fair early. ●⁰ *a.* ● 15½ h.–19 h.
24	985·4	999·3	82·7	79·5	83	79	0·4	1·1	11·3	8·2	94	85	16 9	18 6	10	10	4·6	—		● 2 h.–8 h. and 12½ h.–13½ h.
25	987·8	989·5	79·0	77·3	80	77	0·6	1·1	8·6	7·1	92	85	20 8	26 9	10	2	3·8	1·3		c. *a.*, ● showers till 19 h. ♖
26	993·2	1005·1	78·2	76·7	n79	76	1·6	2·2	7·0	5·5	79	n69	30 13	28 14	4●⁰	3	6·1	1·1		● showers *a.*, ✻ (sleet) showers *p.*
27	1015·6	1015·2	75·6	77·8	81	n74	1·4	1·7	5·7	6·6	78	77	26 8	16 9	10	10	2·3	0·5		▲ showers early, then fine. [△
28	1005·4	1007·8	81·7	79·4	84	78	0·8	1·7	9·9	7·4	90	78	16 10	24 9	10	7	1·5	—		●⁰ till 18 h., then fair.
29	1010·5	1014·9	78·4	77·5	80	77	0·4	0·4	8·4	7·9	95	94	18 4	20 3	10●	9	2·8	0·8		●⁰ till 10 h. Dull.
30	1009·8	1010·5	79·4	77·6	80	77	1·1	0·9	8·1	7·3	85	88	14 8	18 6	8	1	—	—		Fair to fine.
Mean	999·9	1000·9	79·9	79·9	81·6	78·5	1·0	1·0	8·6	8·6	86	87	8·5	8·6	7·7	7·3	103·8	1·02		
Mean Pressure at Station Level.	993·8	994·8																		

ABERDEEN, a.c.e.—NOVEMBER 1916.

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 = 0·61 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.	9 h.	21 h.	9 h.	21 h.	9 h.	21 h.		
1																						
2	999·2	998·4	79·5	81·1	83	79	1·2	1·4	8·0	8·8	83	82	18 4	16 4	0	1	—	5·5	No record.	Fine to fair. ♖ glow 22 h.
3	1000·7	1003·7	79·3	79·0	83	79	1·5	1·2	7·6	7·7	80	83	18 3	— 1	1∞	4	—	3·6		Fair to fine. ∞ *n.* ♖ glow 23 h.
4	1002·6	984·3	77·5	82·9	83	76	0·5	0·7	7·7	11·0	92	91	— 1	14 9	4∞	10●	12·7	—		⌣∞ early. c. to dull. q. with ● *p.*
5	978·6	985·0	82·3	81·8	84	81	1·3	1·9	9·7	8·6	83	76	14 7	18 3	9●	6	x17·2	0·7		q. with ● showers *a.* Dull to c.
6	974·4	967·9	83·3	82·6	84	81	0·2	0·5	12·0	11·0	97	93	14 3	12 5	10	10●	10·6	3·3		● to clear *a.* c. to dull. q. with ● *p.*
7	974·9	979·4	80·2	81·3	82	79	0·9	2·2	8·9	7·9	88	72	16 3	18 9	1	10	0·9	2·6		Fine *a.* c. to dull with ● showers. q.
8	979·7	973·8	80·1	80·2	82	78	0·9	0·4	8·9	9·5	88	94	14 5	— 1	10●	10	2·7	0·1		● *a.* mostly o. ≡⁰ ●⁰ showers *p.*
9	976·7	982·6	78·7	80·2	82	78	0·6	1·4	8·3	8·2	91	81	— 1	— 1	4	9	—	5·7		≡⁰ to fine. ∞⁰ *p.*
10	994·6	1009·3	78·9	78·2	82	76	1·1	1·3	7·8	7·1	84	81	— 1	— 1	8∞	2	—	0·4		Fair to c., then dull. ♖ glow 23 h.
11	1013·9	1012·4	80·8	81·5	84	76	1·1	0·5	9·0	10·3	85	93	20 3	18 2	10	10●	4·6	—		∞⁰ *a.* Dull. ●⁰ from 13 h. ≡⁰ *p.*
12	1014·0	1012·9	86·7	85·7	x88	x83	1·2	1·6	13·4	11·8	86	81	20 5	18 3	9	2	—	0·3		≡⁰ *a.* Dull to c. Very warm.
13	1018·0	1017·9	83·7	84·1	86	82	1·7	1·4	10·1	10·9	79	83	— 1	— 1	5	6	—	—		Fair to c. *a.* Dull, with drizzling ● *p.*
14	1022·7	1029·1	82·8	80·4	86	80	0·5	0·6	11·2	9·4	93	92	— 1	30 2	10	10	1·0	—		Dull. Drizzling ● *p.*
15	1031·6	1031·9	81·1	80·5	82	80	1·0	1·4	9·3	8·4	86	81	14 2	14 3	10	10	—	—		Dull.
16	1029·6	1026·4	80·9	81·1	81	80	1·8	2·3	8·2	7·7	77	71	16 3	16 4	10	10	—	—		Dull.
17	1023·2	1018·5	79·8	79·4	81	79	2·1	2·9	7·2	6·1	73	n64	16 5	14 9	8	10	—	0·2		c. to dull. q. *n.*
18	1013·0	1006·7	79·3	78·8	80	78	2·9	1·7	6·1	7·1	n64	77	12 11	12 9	10	10●	2·8	—		Dull and q. ●▲ squalls *p.* ♖ 22 h.
19	996·5	989·3	78·9	79·2	80	76	2·2	2·5	6·6	6·4	71	68	8 11	8 15	9	10	1·0	0·1		▲ squalls *a.* ⚡ 11 h. and 19 h. ▲●⁰.
20	988·1	989·9	79·9	79·1	80	78	2·1	2·0	7·3	7·0	73	74	8 16	8 15	10●	10	2·3	—		Dull.
	988·7	983·6	78·3	79·8	81	77	0·7	1·0	8·0	8·5	90	86	8 11	12 7	10	10●	9·8	—		Dull, with ▲⁰● showers.
21	991·8	998·7	77·4	78·7

Fort William, Inverness-shire, a.c.—November 1916.

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 = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir. (0–12)		Dir. (0–12)		Tenths of Sky covered.				mm.	hrs.	200+	
1	997·6	995·9	80·8	79·4	83	79	1·1	0·6	9·0	8·8	86	91	20	4	20	1	8	10●			21·3			Dull but fair till 15 h., then ●.
2	999·6	1002·7	79·7	79·7	81	79	0·2	0·6	9·6	9·0	97	92	20	2	Calm	0	10●	9			3·8			c. ● showers.
3	997·9	979·0	79·8	82·4	83	76	1·8	3·2	7·4	7·5	75	64	Calm	0	12	3	10	10			20·3			q. ●² showers.
4	972·6	981·4	81·3	81·3	82	80	1·1	1·1	9·3	9·3	86	86	20	5	20	3	10●	8			25·9			Unsettled, q. ●² showers.
5	973·9	969·8	79·1	79·7	81	78	1·1	0·6	7·9	9·0	84	92	4	4	Calm	0	10●	10			4·3			Dull and generally showery.
6	973·2	979·0	80·8	81·2	82	79	0·6	1·0	9·7	9·3	93	87	20	3	20	4	9●	10●			27·4			Unsettled, q. ●².
7	976·6	974·2	77·4	76·3	81	76	1·3	0·6	6·9	7·1	82	91	Calm	0	Calm	0	10	10			0·3			Fair generally. ●² showers.
8	977·6	982·7	76·9	80·2	81	74	0·6	0·3	7·4	9·7	92	95	Calm	0	Calm	0	10●∞	10			2·5			Fair generally. ●² showers.
9	995·9	1008·1	79·7	81·6	82	78	0·6	0·2	9·0	10·7	92	97	Calm	0	Calm	0	9	10●²			1·5			Fine. ● showers evening.
10	1012·8	1013·5	80·1	84·7	85	80	1·4	0·1	8·1	13·4	82	99	20	3	24	2	10	10●≡			x 40·9			Dull and showery. ●² evening.
11	1016·2	1016·2	85·7	85·2	x 86	x 84	0·5	0·4	13·6	13·3	94	94	20	4	20	4	10●	10●			19·6			● and ≡⁰ all day.
12	1020·6	1020·6	83·6	84·1	85	83	0·6	0·6	11·8	12·2	93	93	20	3	20	3	10●≡	10			1·3			Dull and showery all day.
13	1024·0	1027·4	84·1	82·3	85	81	0·6	0·4	12·2	11·0	93	94	20	2	20	1	10	10≡			—			Fair to fine. ≡ n.
14	1028·4	1027·7	81·9	84·6	85	81	0·6	2·7	10·5	9·4	93	70	Calm	0	12	2	10	10			—			Fair to fine; sunny intervals.
15	1025·7	1021·0	82·3	81·2	85	81	0·9	2·6	10·4	7·3	88	69	Calm	0	12	4	10∞	3			—			Dull and dry. q. at times.
16	1016·9	1011·8	78·7	77·2	81	77	2·9	3·2	5·9	4·8	64	59	12	6	12	3	6	1			—			Fine and sunny. q. at times.
17	1004·0	999·6	78·2	78·8	79	74	4·0	3·6	4·5	5·3	n 52	57	12	5	12	6	3	2			0·3			S.E. ⸝ all day. ✻ on hills.
18	992·2	985·4	78·0	77·9	80	76	1·1	2·2	7·3	6·1	84	71	12	6	8	5	7●⁰	10			1·5			q. and ✻ showers. ✻ on hills.
19	984·4	985·8	78·8	78·1	80	76	2·1	1·8	6·7	6·6	73	76	4	4	8	3	10●⁰	10●⁰			0·5			Occasional ● showers.
20	986·8	985·4	77·4	77·4	80	77	1·9	1·1	6·2	7·0	73	84	4	3	8	1	10●⁰	9			0·7			Fair generally; some ● showers.
21	989·5	999·0	78·6	78·7	80	76	0·6	0·7	8·3	8·2	92	90	20	2	20	2	10●	7●⁰			11·7			Dull and showery.
22	1004·4	1004·7	79·2	81·3	82	77	0·3	0·8	9·0	9·8	95	91	20	1	20	4	10●⁰	10●			10·7			Dull and showery. ● n.
23	1008·8	998·3	82·5	83·7	84	80	1·1	1·2	10·2	10·8	86	85	20	4	20	4	8●⁰	10●			31·0			Dull and showery.
24	990·2	1004·0	83·9	80·2	85	80	0·4	1·1	12·4	8·6	95	85	20	4	20	2	10●≡	10●			22·9			Blustering. ●² ≡⁰.
25	992·9	993·9	78·0	77·4	82	76	0·8	1·5	7·6	6·5	89	78	20	2	Calm	0	9	3			1·9			● showers. ✻ on hills.
26	1000·0	1010·8	75·7	75·2	n 78	75	0·9	0·8	6·3	6·3	86	87	20	1	Calm	0	5	9			0·3			✻ on hills all day. ● showers.
27	1020·3	1019·6	75·2	78·6	79	n 72	1·1	1·1	6·0	7·6	82	85	Calm	0	20	3	7	10●			3·0			Fair to fine. ● n.
28	1012·2	1011·5	82·4	82·4	83	78	0·6	0·6	10·9	10·9	93	93	20	5	20	2	10●	10●			40·1			●≡⁰≡ nearly all day. [10 h.
29	1012·8	1016·6	78·6	75·8	83	76	0·2	0·4	8·8	7·0	98	94	Calm	0	Calm	0	10●	1			0·5			● showers at first, sunny after
30	1010·5	1012·8	80·1	77·6	81	74	2·1	0·8	7·3	7·4	73	89	20	4	20	2	9	6			6·1			Dull and showery. Fair evening.
Mean	1000·6	1001·3	79·9	80·1	82·1	77·8	1·1	1·2	8·7	8·7	86	85	2·6		2·1		9·0	8·3			299·4			
Mean Pressure at Station Level.	999·1	999·8																						

Douglas, Isle of Man, a.—November 1916.

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 = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local 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.		9 h.		21 h.		mm.	hrs.	200+	
1	1002·7	1002·7	83·0	81·3	85	80	1·1	1·5	10·5	8·8	86	80	20	2	24	2	8	2			0·5	2·0	77	c., with ●⁰. Sunny intervals afternoon.
2	1005·1	1005·7	81·3	79·9	84	80	0·9	1·1	9·5	8·5	88	85	22	1	22	1	6	2			2·8	1·7	76	a. c. from 11 h. ● showers afternoon.
3	992·5	981·7	81·3	81·9	84	79	0·5	1·2	10·2	9·5	93	85	12	10	16	6	10●	10●			4·3	0·6	76	8 h. ● till 13 h., and after 18 h.
4	985·8	979·7	83·3	82·4	85	79	2·9	1·1	8·5	10·2	n 67	86	20	6	8	5	4	10			14·5	5·0	80	q. Fine till 14 h., then dull.
5	968·1	972·9	83·0	80·9	84	80	1·1	0·7	10·5	9·5	86	91	10	6	26	6	10	10			1·5	0·4	80	●² a o. ● showers. q.
6	986·1	990·5	80·2	79·1	82	79	1·6	2·2	7·8	6·8	78	71	24	10	22	3	8	3			7·9	3·1	77	a. c.
7	976·3	974·6	83·8	80·5	85	79	0·8	0·8	11·5	9·1	89	89	18	4	28	2	10	8			1·3	1·2	76	● showers early. Dull and q.
8	981·7	989·8	80·8	80·8	82	79	0·6	1·1	9·8	9·1	93	86	24	3	24	6	10	10●			1·3	3·5	77	Dull till 11 h., then fine. q. after
9	1000·0	1014·5	81·3	80·8	84	79	0·7	1·0	9·8	9·1	91	87	24	5	20	3	10	7			2·3	1·8	77	Dull, c. and q. Fine noon. [17 h.
10	1016·9	1020·6	83·0	86·3	86	80	0·0	0·5	12·2	14·2	100	93	18	3	24	4	10●	10			3·6	—	78	≡ ● a. o. q.
11	1023·7	1023·3	85·2	85·2	x 87	x 85	0·4	0·8	13·2	12·5	94	90	22	3	24	5	10	8			—	2·4	82	o. to fine, then c.
12	1025·4	1025·4	84·7	83·6	86	83	0·6	0·4	12·5	12·2	93	95	24	2	26	1	8	8			—	—	83	o. and mild. [intervals.
13	1026·1	1028·1	81·9	83·6	x 87	81	0·0	0·2	11·5	12·5	100	98	26	1	16	1	4	10			—	2·0	79	a. c. and mild. Bright
14	1028·8	1028·8	83·6	82·4	84	82	0·4	0·0	12·2	11·9	95	100	8	1	12	4	10	10			—	—	81	o., with ≡ at times.
15	1028·4	1023·3	80·2	80·8	83	80	1·1	1·5	8·5	8·5	85	81	8	3	16	3	10	10			—	—	79	o. and q.
16	1020·3	1011·8	78·6	76·3	81	76	1·7	1·1	7·1	6·4	78	83	12	6	12	10	6	8			—	4·0	76	q. till 13 h. ⸝ later.
17	1002·7	995·9	75·8	76·3	80	76	2·2	2·2	5·1	5·4	68	68	12	12	10	10	8	7			—	—	75	o. ⸝ (hurricane force at times).
18	984·7	977·3	76·3	77·4	80	n 75	2·2	0·8	5·4	7·4	68	88	8	8	8	3	6	10●✻			10·4	—	75	⸝ o. a. ●▲ showers after 13 h.
19	977·0	979·0	77·2	76·9	n 79	76	0·9	0·4	7·1	7·4	88	94	8	4	6	2	10●✻	10●✻			9·1	—	73	q. and o. ✻.
20	980·7	986·1	79·3	80·8	81	77	0·7	2·2	8·5	7·8	90	73	6	1	26	1	8	10			2·0	—	76	o. ✻ showers p.
21	993·7	1002·4	79·7	79·5	81	78	0·6	0·9	9·1	8·5	92	86	22	2	26	2	8	3			1·0	1·0	76	● showers a., and 16 h. c. [16 h.
22	1009·8	1013·2	78·4	82·7	83	77	0·5	0·7	8·5	10·8	93	90	24	1	22	3	4	10			0·3	4·6	74	Fine till 15 h., then c. to o.
23	1015·6	1005·4	83·0	84·1	84	82	0·6	0·0	11·2	13·2	93	100	22	3	20	6	10	10●			12·2	—	76	●⁰ a. o. q. with ● after 14 h.
24	1003·0	1011·8	84·1	83·0	85	82	0·0	1·5	13·2	9·8	100	82	18	6	20	3	10	7			7·1	3·4	82	o. to c.
25	996·6	993·9	80·2	78·6	83	77	0·3	0·8	9·8	8·1	96	90	22	2	26	6	10●	10			6·9	1·2	79	c. ● showers. q. after 18 h.
26	1002·0	1009·5	78·6	77·4	83	77	1·3	1·3	7·4	6·8	84	80	24	6	30	4	7	0			4·6	1·8	76	●▲ showers. c. and q.
27	1022·3	1025·4	76·3	76·6	n 79	n 75	1·4	0·7	6·1	7·1	79	89	32	1	22	1	8	7			1·3	0·3	n 70	⌣∼ early. c. to ●⁰, ⌣ p.
28	1021·7	1020·3	80·8	83·0	83	76	0·0	0·6	10·5	11·2	100	93	20	2	18	3	10≡●⁰	10			1·3	—	72	≡⁰● a., then c.
29	1018·6	1016·9	83·0	81·9	84	82	0·6	0·0	11·2	11·5	93	100	20	3	26	1	10	10			16·3	—	80	o. Continuous ● 13 h.–21 h. q.
30	1016·2	1016·9	80·5	80·2	83	80	0·3	0·4	9·8	9·5	96	94	22	2	24	1	10	10			8·4	1·4	80	o. to c. ● showers.
Mean	1003·8	1004·2	80·9	80·8	83·2	79·0	0·9	0·9	9·6	9·4	89	88	4·0		3·6		8·4	8·0			120·9	1·37	77·3	
Mean Pressure at Station Level.	993·6	993·7																						

x denotes the maximum and *n* the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

Shrewsbury, Shropshire.—November 1916.

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 = 0·30 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir. (0–12)		Dir. (0–12)		Tenths of Sky covered.				mm.	hr.	200+	
1	1007·2	1005·7	81·3	80·8	83	77	0·9	0·6	9·6	9·7	89	93	20	1	28	3	10	0			3·7		75	● showers. Fine n.
2	1007·5	1008·3	80·2	77·6	83	75	0·5	0·2	9·3	8·3	92	98	Calm	0	28	1	5	0			0·9		72	Fine a. ●⁰ showers.
3	1005·7	993·9	81·0	83·0	84	75	0·5	0·5	9·8	11·5	94	94	12	2	20	4	10●	5			3·5		72	● showers. Fine n.
4	995·8	984·8	80·2	85·4	85	80	0·6	0·6	9·1	13·2	91	93	16	3	16	4	0	10●²			6·0		75	Fine but cold a. ●² 21 h.
5	976·7	974·9	83·8	83·1	86	x 82	2·3	0·7	9·5	11·2	73	91	16	6	20	5	9●	10			1·3		79	● showers.
6	993·2	1000·8	79·4	78·3	84	79	0·8	1·3	8·5	7·4	88	83	20	2	18	1	0	4·0			7·5		75	Fine a. and evening.
7	986·0	980·2	83·0	82·4	87	77	0·4	0·5	11·5	11·2	94	94	14	5	16	1	10●⁰	5			7·1		76	c. ● showers p.
8	980·5	992·7	80·9	79·5	84	79	0·2	0·8	10·5	8·5	98	88	26	3	24	1	10●⁰	0			1·3		75	c.
9	1004·9	1016·9	76·7	81·1	84	76	0·6	1·4	7·1	8·8	91	82	20	2	22	2	8	9			0·5		74	c., with ● showers p.
10	1023·9	1025·3	76·8	83·8	84	76	0·4	0·5	7·4	11·9	96	93	20	1	18	2	8	10			5·5		71	o.
11	1027·6	1027·5	85·2	82·4	x 89	x 82	0·3	0·2	13·5	11·5	96	97	20	2	Calm	0	10	5			1·9		75	Dull till 13 h., then sunny
12	1024·8	1026·6	79·9	82·6	87	78	0·0	0·2	9·8	11·9	100	99	20	1	Calm	0	7	0			2·3		73	Dull a. Very mild. Sunny intervals 11 h.
13	1026·2	1027·2	76·9	78·4	88	76	0·0	0·0	8·1	8·8	100	100	Calm	0	4	1	10≡	8			4·9		72	Sunny 10 h.–14 h. 30 m. [15 h.
14	1029·4	1030·9	82·9	80·1	83	79	0·5	1·4	11·5	8·1	94	82	4	1	4	2	10≡	9			—		74	o. all day.
15	1030·1	1028·4	75·8	78·6	82	76	0·1	1·5	7·4	7·1	98	79	Calm	0	12	1	0	10			5·5		71	Fine, but cool. o. n.
16	1025·6	1021·2	77·4	76·3	79	75	1·2	1·9	7·1	5·8	83	73	8	1	8	2	10	10			0·1		70	o. most of day, cold wind.
17	1009·4	998·8	73·7	74·7	77	74	1·3	1·6	4·7	5·1	76	72	8	3	12	4	0	0			5·8		69	Sunny a. Very cold wind.
18	982·1	968·7	74·4	73·7	n 75	74	2·0	0·0	4·7	6·4	n 68	99	4	5	2	2	10	10✻⊠			9·1		69	Cold early. ✻ from 10 h. ⊠ n.
19	969·1	976·2	78·4	75·6	79	74	0·2	0·3	8·8	7·1	96	96	4	3	16	2	10●⁰	10●⁰			x 17·8		72	g., with ●●⁰ all day.
20	979·8	991·6	76·4	78·9	80	75	0·1	0·8	7·8	8·1	98	88	16	2	16	3	10●	5			3·3		73	● n. and a. o. all day.
21	997·7	1003·6	72·5	71·6	83	72	0·1	0·0	5·8	5·4	97	100	16	1	18	1	5⌣	0⌣			3·5		66	⌣ early. o. from 12 h. 30 m.
22	1009·3	1018·8	69·1	77·7	79	n 68	0·0	0·4	5·8	7·1	100	95	20	1	24	1	0≡⌣	0⌣			4·9		66	⌣ early. Fine.
23	1021·9	1020·6	80·5	79·3	85	75	0·4	0·7	9·8	8·5	95	89	20	1	16	2	10	10●			1·5		70	Milder. o. most of day.
24	1015·0	1018·6	84·6	81·9	87	79	0·6	0·6	12·5	10·5	93	93	20	4	20	1	10	0			0·5		77	● n. o. all day, occasional ●⁰.
25	1009·2	994·0	81·4	78·7	86	77	0·2	0·5	10·8	8·5	98	92	16	2	20	2	10	0			1·0		71	Dull early. o. most of day. ●⁰
26	1001·6	1006·7	75·9	74·1	81	74	0·3	0·4	7·1	6·1	95	92	24	2	Calm	0	5	0			0·5		71	Dull early. c. [evening.
27	1026·9	1026·2	74·7	73·0	79	73	0·5	0·3	6·4	5·8	90	92	32	3	Calm	0	3	0			—		69	Fine, with cold wind.
28	1029·4	1028·5	69·1	77·7	79	n 68	0·0	1·6	4·7	6·8	100	78	16	1	20	2	5⌣	10			4·5		n 64	⌣ early. Fine. Cool afternoon.
29	1025·6	1025·6	79·7	78·6	81	77	0·8	0·9	8·8	8·1	90	89	18	2	18	1	10	10			3·4		74	o. all day. Dull afternoon.
30	1023·5	1022·7	77·3	75·7	79	75	0·7	0·5	7·4	6·8	90	93	16	1	16	1	10	10			—		75	Dull and o.
Mean	1008·0	1008·4	78·4	78·9	83·2	76·2	0·5	0·7	8·5	8·6	92	90	2·1		1·7		7·0	5·7			65·7	2·10	71·8	
Mean Pressure at Station Level.	998·6	998·5																						

Cambridge,* a.—November 1916.

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 = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Greenwich mean time.

Day.	8 h.	20 h.	8 h.	20 h.			8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.		20 h.		3 h.	20 h.	8 h.				
1	1011·2	1008·9	81·6	82·4	86	80	0·8	1·0	9·8	10·2	89	87	16	2	20	2	9	10	6·4	0·1		74	o. most of day. ● afternoon.
2	1008·4	1009·9	78·6	79·2	86	78	0·2	0·4	8·8	9·1	98	95	16	1	20	2	9	0	—	3·1		74	Dull, with sunny intervals.
3	1005·7	993·9	81·0	83·0	84	75	0·5	0·5	9·8	11·5	94	94	12	2	20	4	10	10	3·8	—		71	● early, and from 19 h. o. all day.
4	995·8	984·8	80·2	85·4	85	80	0·6	0·6	9·1	13·2	91	93	16	3	16	4	0	10●	4·3	2·9		75	Sunny intervals a. Dull. ● n.
5	976·7	974·9	83·8	83·1	86	x 82	2·3	0·7	9·5	11·2	73	91	16	6	20	5	9●	10	5·3	—		76	o. all day. ⸝ ● most of day.
6	993·2	1000·8	79·4	78·3	84	79	0·8	1·3	8·5	7·4	88	83	20	2	18	1	0	10	4·0	7·5		75	Beautiful day.
7	986·0	980·2	83·0	82·4	87	77	0·4	0·5	11·5	11·2	94	94	14	5	16	1	10●⁰	5	7·1	1·3		71	● n. and a. ● afternoon.
8	980·5	992·7	80·9	79·5	84	79	0·2	0·8	10·5	8·5	98	88	26	3	24	1	10●⁰	0	0·5	0·3		76	● n. and a. c. [15 h. 30 m.
9	1004·9	1016·9	76·7	81·1	84	76	0·6	1·4	7·1	8·8	91	82	20	2	22	2	9	—	—	5·5		71	Fine till 13 h., then dull.
10	1023·9	1025·3	76·8	83·8	84	76	0·4	0·5	7·4	11·9	96	93	20	1	18	2	8	10	—	—		71	⌣² a. Dull.
11	1027·6	1027·5	85·2	82·4	x 89	x 82	0·3	0·2	13·5	11·5	96	97	20	2	Calm	0	10	5	—	1·9		75	[intervals. Dull till 13 h., then sunny
12	1024·8	1026·6	79·9	82·6	87	78	0·0	0·2	9·8	11·9	100	99	20	1	Calm	0	7	0	—	2·3		73	Dull a. Very mild. Sunny intervals 11 h.
13	1026·2	1027·2	76·9	78·4	88	76	0·0	0·0	8·1	8·8	100	100	Calm	0	4	1	10≡	8	—	4·9		72	Sunny 10 h.–14 h. 30 m. [15 h.
14	1029·4	1030·9	82·9	80·1	83	79	0·5	1·4	11·5	8·1	94	82	4	1	4	2	10≡	9	—	—		74	o. all day.
15	1030·1	1028·4	75·8	78·6	82	76	0·1	1·5	7·4	7·1	98	79	Calm	0	12	1	0	10	—	5·5		71	Fine, but cool. o. n.
16	1025·6	1021·2	77·4	76·3	79	75	1·2	1·9	7·1	5·8	83	73	8	1	8	2	10	10	—	0·1		70	o. most of day, cold wind.
17	1009·4	998·8	73·7	74·7	77	74	1·3	1·6	4·7	5·1	76	72	8	3	12	4	0	0	—	5·8		69	Sunny a. Very cold wind.
18	982·1	968·7	74·4	73·7	n 75	74	2·0	0·0	4·7	6·4	n 68	99	4	5	2	2	10	10✻⊠	9·1	—		69	Cold early. ✻ from 10 h. ⊠ n.
19	969·1	976·2	78·4	75·6	79	74	0·2	0·3	8·8	7·1	96	96	4	3	16	2	10●⁰	10●⁰	x 17·8	—		72	g., with ●●⁰ all day.
20	979·8	991·6	76·4	78·9	80	75	0·1	0·8	7·8	8·1	98	88	16	2	16	3	10●	5	3·3	—		73	●

ARMAGH, a.c.d.—NOVEMBER 1916.

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 = 0·30 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Air Pressure at Mean Sea Level. 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. Dir.	m/s.	21 h. Dir.	m/s.	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	999·6	1001·3	79·9	78·6	84	76	1·2	0·8	8·2	8·1	83	89	16	4	18	2	6	0	0·9	5·6	76	Fine. ● shower 13 h. 45 m.
2	1003·4	1004·0	78·5	77·5	84	76	0·6	0·8	8·3	7·3	93	88	18	2	16	2	5	5	3·7	6·1	75	Fine.
3	985·1	970·5	80·2	81·1	84	75	0·8	1·3	9·0	8·9	90	83	8	6	16	9	10	3	6·1	2·0	75	o. except from 11h. 30 m.–13 h. 30 m.
4	979·0	979·3	81·3	80·2	84	74	1·4	1·0	8·9	8·8	83	88	18	8	—	1	5	10●	x 17·4	3·7	79	Fine. ● evening.
5	968·8	976·6	80·2	79·4	81	79	0·1	0·7	9·9	8·6	99	90	32	2	24	2	10●	0	5·8	0·2	79	o., with ● showers.
6	985·4	988·8	77·9	76·1	81	76	0·7	1·5	7·6	6·0	89	78	20	5	16	3	5	8	4·8	5·7	77	Fine.
7	973·9	975·9	78·2	78·1	80	76	0·1	0·3	8·7	8·4	99	97	—	1	—	0	10	10	1·1	—	75	o.
8	982·4	991·2	78·7	79·9	82	77	0·4	0·9	8·7	8·7	95	87	—	1	22	2	2	10	3·8	3·7	76	Fine till 15 h., then ● showers.
9	1001·7	1014·2	80·5	79·5	83	79	0·3	1·1	9·9	8·2	96	85	24	2	20	2	10●	10	1·3	0·2	77	o.
10	1013·5	1020·0	82·2	85·8	x 87	79	0·4	0·3	11·0	14·1	95	96	18	2	20	3	10	10	0·2	—	78	o.
11	1021·7	1022·7	85·6	85·0	86	x 85	1·3	0·6	12·3	13·0	85	93	18	4	20	3	10	10	—	—	84	o.
12	1025·0	1024·7	83·7	84·1	85	84	0·4	1·6	12·2	10·6	96	82	20	4	18	3	10	10	—	—	84	o.
13	1026·1	1027·7	82·3	82·7	84	81	0·1	0·3	11·5	11·5	98	95	18	2	—	1	10	10	—	—	79	≡ till 14 h. o.
14	1027·4	1026·4	83·2	83·5	86	82	0·1	0·7	12·2	11·5	98	91	—	0	14	4	10	10	0·2	1·0	82	c.
15	1024·7	1018·6	83·2	82·1	84	81	0·8	1·4	11·1	9·5	90	83	14	3	12	4	10	10	—	—	82	o.
16	1014·2	1004·4	81·2	78·9	82	79	1·4	1·9	8·9	7·0	83	75	14	8	12	9	10	10	—	0·3	80	o.
17	994·6	990·8	77·2	74·3	79	74	1·9	0·5	6·1	6·2	74	92	10	9	10	9	10	10●✻	1·9	1·4	77	o. most of day. ✻● (sleet) 21 h.
18	985·1	980·3	75·7	74·1	78	73	1·8	0·0	5·5	6·6	75	100	6	4	—	1	7	10	5·9	1·2	74	Fine a. ✻ showers.
19	978·6	981·0	76·6	76·3	n 77	74	0·1	0·1	7·8	7·5	99	98	—	1	—	1	10	10●	8·4	—	74	o.
20	982·7	986·4	77·6	76·9	79	76	0·1	0·2	8·3	7·8	99	97	—	1	20	2	10	10	1·8	—	76	o.
21	993·2	1003·4	76·7	75·4	81	75	0·4	0·5	7·4	6·7	95	93	20	2	22	2	7	3	—	1·6	77	o. most of day.
22	1008·4	1010·5	76·6	82·4	82	75	3·5	1·0	4·4	10·3	n 55	88	20	2	20	5	7	10	0·4	2·0	74	o. most of day.
23	1012·8	1001·7	82·5	84·6	85	81	0·7	0·5	10·8	12·6	91	93	18	4	18	6	10	10	5·5	—	80	o.
24	999·6	1008·8	85·1	81·6	86	81	1·0	1·2	12·3	9·3	88	85	20	8	18	7	8	8	7·0	2·5	82	● a. Fine noon–15 h.
25	995·2	997·9	79·5	77·0	82	76	0·5	0·3	9·0	7·7	92	95	20	3	24	3	10●	10	7·0	—	79	o.
26	1005·1	1013·9	76·2	74·7	79	74	0·6	0·2	7·0	6·6	90	96	24	2	28	2	5	5	1·9	2·1	75	Fine a. ● showers afternoon.
27	1023·7	1023·7	74·1	76·9	n 77	n 72	0·9	0·7	5·6	7·1	84	89	—	1	18	3	10	10	0·6	0·2	n 76	o.
28	1019·3	1017·6	80·7	82·0	83	77	0·1	0·8	10·3	10·2	98	90	18	3	20	5	10	10	1·0	0·3	76	o. most of day.
29	1014·5	1016·9	82·8	78·9	84	79	0·7	0·2	10·9	9·0	92	97	18	6	—	1	10	3	2·8	—	78	o.
30	1014·2	1015·6	78·1	76·6	82	76	0·7	0·3	7·8	7·5	90	96	16	3	20	2	7	5	0·1	4·0	75	Fine.
Mean	1002·0	1003·1	79·9	79·5	82·4	77·4	0·8	0·7	9·1	8·8	90	90	3·4		3·3		8·5	8·0	89·6	1·47	77·5	
Mean Pressure at Station Level.	994·5	995·7																				

DUBLIN (PHŒNIX PARK), a.c.—NOVEMBER 1916.

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 = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin mean time.

Day.	Air Pressure at Mean Sea Level. 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. Dir. (0–12)	m/s.	21 h. Dir. (0–12)	m/s.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
1	1001·0	1003·0	81·9	80·5	85	76	1·2	0·9	9·5	9·1	84	88	16	3	18	2	2	1	—	6·1	73	Fine. ●0 showers p.
2	1004·4	1005·1	79·8	74·7	84	74	0·9	0·1	8·8	6·8	89	98	16	1	Calm	0	8	1	12·1	2·7	72	c.
3	980·7	975·6	82·1	81·8	85	n 72	0·4	1·2	10·8	9·5	95	85	12	8	20	10	10●	10●	5·9	3·8	70	●2 a. c. ⸝. [17 h. 30 m. Fine.
4	984·4	975·9	81·8	81·2	85	80	2·3	0·5	8·1	10·2	n 72	94	20	8	Calm	0	8	10●	30·5	4·6	79	⸝ till 6 h. 30 m.
5	966·1	979·0	82·7	80·7	84	80	0·3	1·1	11·5	9·1	95	86	4	1	26	5	10●	7	0·2	0·2	80	●2 till 6 h. 30 m. o.
6	989·8	990·2	79·2	78·9	82	77	1·8	1·0	7·1	7·8	76	86	20	4	20	3	1	10●	6·9	7·8	76	Fine. ●2 p.
7	974·6	977·0	83·1	78·4	84	78	1·4	0·3	10·2	8·5	83	95	20	3	20	1	9	9	—	0·1	77	o.
8	984·4	994·9	79·7	78·1	82	77	0·6	0·8	8·8	7·8	90	89	20	3	24	5	9	9	—	3·8	77	Fine.
9	1005·1	1015·9	80·1	79·6	83	77	1·2	1·1	8·5	8·1	85	85	20	4	24	2	2	0	0·5	3·4	75	Fine.
10	1015·6	1021·7	85·6	87·1	88	79	0·9	0·8	12·9	14·6	90	91	20	2	24	3	10	8	—	—	78	o.
11	1024·0	1025·0	85·7	84·7	x 87	x 85	1·5	0·8	11·9	12·5	83	91	20	4	24	2	8	6	—	1·1	84	o. most of day.
12	1026·4	1026·1	84·1	80·3	x 87	80	0·6	0·2	12·2	9·8	93	97	20	2	Calm	0	7	7	—	0·7	82	c.
13	1026·4	1027·7	84·1	82·9	x 87	79	0·6	0·3	12·2	11·5	93	95	Calm	0	Calm	0	8	10≡	0·3	5·2	75	Fine. ≡ p.
14	1027·1	1026·7	82·9	83·5	84	80	1·0	0·6	10·8	11·9	88	93	8	2	12	2	0≡	9≡	—	—	80	≡a. o.
15	1025·0	1019·3	82·5	82·3	84	81	0·5	1·4	11·2	9·8	93	83	12	3	14	5	10≡	10●	0·1	—	82	≡a. o. ●0 showers p.
16	1014·5	1004·4	81·3	78·9	83	79	1·0	0·8	9·5	8·1	88	87	12	4	8	8	10	10	0·7	—	79	o. ⸝● showers p.
17	994·9	989·8	78·1	75·1	80	75	0·5	0·7	8·1	6·4	93	90	12	6	8	8	10	10●	x 37·0	—	76	●2a. o. ⸝✻ showers p.
18	982·0	977·6	76·3	75·2	n 77	75	0·5	0·5	7·1	6·4	92	91	8	6	4	3	9	10●	17·6	0·2	74	●2✻ a. o. ✻● p.
19	976·6	979·7	76·2	76·8	78	75	0·3	0·7	7·4	7·1	96	90	28	2	Calm	0	10●	10●	13·5	—	73	●2a. o. ● p.
20	982·4	987·8	76·1	77·4	78	76	0·8	0·7	6·8	7·4	89	90	24	2	24	1	10●	7	4·0	—	76	o., with ● a. and p.
21	995·2	1005·1	77·9	75·7	82	74	0·3	1·3	8·1	6·1	95	81	24	2	24	2	10	0	0·2	1·7	75	● showers a c.
22	1010·1	1013·5	78·8	82·3	84	73	1·4	0·5	7·4	10·8	81	93	12	1	20	3	1	1	—	5·5	n 68	Fine.
23	1014·9	1005·4	82·8	85·7	86	82	1·0	0·6	10·5	13·5	88	93	20	3	20	4	10	10	4·2	—	80	o. ● p.
24	1005·1	1011·5	85·6	81·8	86	81	1·3	1·4	12·2	9·1	85	83	20	5	20	5	8	1	9·5	4·3	82	Fine.
25	996·3	999·6	80·7	76·2	84	76	1·0	0·5	9·1	7·1	88	92	20	1	20	3	10●	1	1·1	1·7	79	● a. c. ● showers p.
26	1005·1	1013·9	75·5	74·0	79	74	0·3	0·2	7·1	6·4	95	97	20	1	28	1	4	1	0·3	5·1	72	Fine.
27	1024·4	1026·1	73·4	77·6	78	73	0·4	1·6	5·8	6·4	92	77	24	2	1	1	7	7	0·1	2·5	69	c.
28	1022·3	1020·6	81·2	82·9	84	77	0·7	1·4	9·8	9·8	91	83	20	3	20	3	10	10	—	—	75	●0a. o.
29	1018·3	1017·3	83·7	80·5	84	80	1·5	0·3	10·5	9·8	83	96	20	4	Calm	0	10	10●	12·0	—	80	o. ● p.
30	1015·6	1016·9	79·7	79·6	83	79	0·5	0·4	9·1	9·1	93	94	20	1	Calm	0	5	10●	2·4	4·0	78	c. ●0p.
Mean	1003·1	1004·4	80·7	79·8	83·2	77·4	0·9	0·8	9·4	9·0	89	90	3·0		2·8		7·3	6·8	159·1	2·17	76·5	
Mean Pressure at Station Level.	997·2	998·5																				

x denotes the maximum and n the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
January 15th, 1917.

[*Price Sixpence.*]

DAILY READINGS AT METEOROLOGICAL STATIONS OF THE FIRST AND SECOND ORDERS, 1916.

DEERNESS, ORKNEY, a.b.c.—DECEMBER 1916.

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 = 0·30 m. Lat. 58° 56′ N. Long. 2° 45′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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.	m/s.	21 h.	m/s.	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.		%	%	Dir.	m/s.	Dir.	m/s.	Tenths of Sky covered.		mm.	hr.	200+ °	
1	1013·9	1013·9	77·9	80·8	x 81	77	0·7	0·7	7·8	9·6	91	91	18	5	16	9	1	10	—	—	No record.	Fine a.; mock sun p.; dull p.
2	1016·2	1015·9	80·0	77·8	x 81	78	0·7	0·3	9·0	8·1	91	95	18	5	22	3	10	10●	6·0	—		Fine a.; ≡0●0 p.; ● after 18 h.
3	1010·1	1011·5	76·2	76·7	78	75	0·2	1·7	7·4	6·1	98	77	26	7	30	13	6●0	5	1·9	1·7		● early; ● showers all day.
4	1016·9	1018·6	77·2	76·1	78	76	1·7	1·5	6·3	6·0	76	78	30	13	28	4	4	9	—	0·6		●0 a.; fair later.
5	1016·6	1014·5	76·7	79·4	80	75	1·1	0·3	6·6	9·2	84	96	16	7	16	8	7	10	2·5	—		Dull a. ● 15 h.–19 h.
6	1013·5	1011·5	80·6	79·7	x 81	77	0·7	0·1	9·4	9·7	91	99	18	6	18	5	10	9	x 9·5	—		Fair a. ● 15 h.–19 h.
7	1010·5	1008·4	78·6	76·7	80	76	0·6	0·6	8·3	7·3	92	92	22	3	—	1	9	8	0·5	—		Dull. ●0 a.; fair p.
8	1004·7	1002·0	75·6	76·0	n 77	75	0·6	0·8	6·7	6·5	91	87	26	2	—	1	3	0	—	3·5		Fair to fine.
9	1001·3	1003·0	76·4	77·8	79	75	1·4	0·7	6·2	7·6	80	90	10	3	4	9	5	10	3·1	2·0		Fine. ●0 showers after 17 h.
10	1000·0	993·5	77·9	77·2	79	76	0·6	0·6	7·9	7·5	92	92	6	9	2	6	10	10	6·5	—		● at times all day.
11	986·1	989·5	78·6	77·3	79	77	0·7	0·6	8·1	7·5	90	92	12	5	14	2	8●0	9	5·1	0·2		● showers all day.
12	989·5	986·4	77·8	77·1	79	77	1·1	1·0	7·2	7·0	85	86	6	5	32	8	3	2	0·6	1·1		Fair to fine.
13	985·4	987·1	77·3	77·8	79	77	1·2	0·6	6·9	7·8	83	91	32	12	32	12	10	7	7·4	—		o. a. ● showers all p.
14	991·9	991·2	78·3	76·7	79	76	1·1	0·2	7·5	7·7	85	97	30	8	28	3	8●0	6	3·1	1·2		●0 showers all day.
15	991·9	997·6	76·1	76·7	78	76	0·6	0·6	7·0	7·2	91	91	—	1	14	3	4	5	2·5	—		●0 showers all day.
16	1007·1	1012·5	78·4	77·0	79	77	1·3	0·6	7·3	7·4	82	92	8	6	24	2	6	10	5·5	—		●0 showers all day. ✻0 (sleet).
17	1008·1	1001·3	75·6	73·9	n 77	74	0·6	0·4	6·6	6·1	91	92	30	3	—	1	10	3	—	0·1		Dull. ●0 showers.
18	996·3	993·9	74·4	75·2	n 77	n 73	0·5	0·5	6·2	6·5	92	92	6	5	12	3	10●	7	5·5	—		a. ●0 showers after 19 h.
19	992·5	991·9	76·3	75·6	n 77	74	1·1	0·7	6·4	6·5	83	89	10	6	8	5	9	2	5·7	—		● showers all day. [24 h.
20	990·2	983·0	75·6	78·3	79	74	1·7	1·4	5·5	7·1	76	80	12	6	10	14	9	10●	6·8	1·7		▲● a. ● after 18 h. ⸝23 h.–
21	973·6	974·9	78·3	77·8	79	77	1·7	1·8	6·9	6·4	78	n 74	14	14	12	5	9	10	0·3	—		● showers early; fair later.
22	974·2	985·1	77·0	76·8	79	75	0·6	1·7	7·4	6·1	92	77	20	4	22	9	10●0	0	1·4	—		●0 showers 8 h.–18 h.
23	983·4	987·1	77·9	76·4	79	75	1·2	1·4	7·1	6·2	83	79	16	9	16	7	10	1	3·0	—		Fair to fine.
24	996·3	995·6	75·6	77·6	79	75	1·1	0·7	6·1	7·5	83	90	18	5	18	7	3	0	0·5	1·7		●0 early; fair p.
25	990·2	991·5	78·7	76·1	79	76	1·3	0·7	7·4	6·9	83	90	4	10	22	5	6	10●	0·7	—		o. ●0 showers. ● after 21 h.
26	998·6	1005·1	76·7	75·7	79	76	0·7	0·9	7·1	6·4	91	87	24	3	26	5	2	1	2·5	0·7		●0 showers 11 h.–14 h., then fair.
27	1012·2	1012·8	76·1	77·8	78	75	1·2	1·2	6·2	7·1	81	83	24	2	16	7	2	10	5·0	—		Frosty a. Dull p.
28	999·6	993·2	79·4	79·4	x 81	77	0·7	0·5	8·7	8·9	90	93	14	12	20	5	10●0	2	6·2	—		●0 all a. ● 16 h.–19 h.
29	992·9	990·2	79·6	79·5	x 81	77	0·6	0·2	9·0	9·3	92	96	16	3	20	7	9	9	2·1	—		● early. ● 17 h.–19 h.
30	992·5	996·3	78·9	79·8	x 81	78	0·6	0·8	8·5	8·8	91	88	20	7	22	11	6	8●0	3·8	—		c. ●0 after 16 h.
31	1003·7	1008·8	79·3	78·9	x 81	x 79	0·4	0·3	8·9	8·8	94	95	26	6	20	3	10●	10	7·7	—		●. Dull.
Mean	998·7	999·0	77·5	77·4	79·1	76·0	0·9	0·8	7·3	7·4	87	89	6·2		5·9		7·1	6·5	105·4	0·47		
Mean Pressure at Station Level.	992·5	992·8																				

ABERDEEN, a.c.e.—DECEMBER 1916.

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 = 0·61 m. Lat. 57° 10′ N. Long. 2° 6′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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.	m/s.	21 h.	m/s.	Cloud Amount and Weather. 9 h.	21 h.	Rain 24 hours beginning 9 h.	Sunshine.	Min. Temp. on Grass.	Remarks.
1																					No record.	⌣∞0 a. Fair to dull. ∞0 p.
2	1016·6	1017·3	77·0	80·2	81	75	0·8	0·5	7·1	9·4	88	93	—	1	14	3	? 5∞	10	—	—		Dull. ● from 15 h.
3	1019·6	1017·1	78·3	78·9	80	x 78	0·6	0·4	8·1	8·7	91	94	—	1	16	2	10	10●	13·6	—		● early. Fair. [U n.
4	1013·0	1012·0	74·9	74·6	79	74	0·5	0·6	6·4	6·1	91	89	—	1	28	5	4	2	4·7	1·4		q., with ✻● (sleet) ● showers.
5	1016·3	1019·4	76·0	75·1	78	75	0·9	0·7	6·5	6·2	86	88	30	6	26	5	5●	7	0·6	3·1		⌣∞ a. Fine to fair. U 17 h.
6	1017·6	1018·7	73·0	76·4	77	73	0·8	1·2	5·1	6·4	83	82	22	2	18	5	0∞	7	—	—		c. to dull. ∞ all day.
7	1014·5	77·4	78·6	80	75	0·8	0·8	7·3	8·0	88	88	20	2	20	2	? 8∞	10●	1·8	0·4		●0≡ early. Dull. U 22 h.
8	1012·7	1009·5	79·6	77·4	80	75	0·9	0·5	8·5	7·6	87	92	26	3	26	2	8	10	1·1	—		Dull to fair. ∞⌣ n.
9	1005·6	1003·1	74·8	72·7	77	72	0·6	0·5	6·2	5·3	89	88	—	1	—	1	? 6≡0	o⌣∞	1·5	1·6		✻● (sleet) ●0∼ early. q. ▲●.
10	999·7	997·4	76·8	78·0	80	71	0·9	0·6	6·9	8·4	86	91	2	4	8	12	8	10●	x 16·4	—		q., with ● most of day.
11	996·2	990·8	78·9	77·0	80	76	1·0	0·6	8·0	7·4	86	91	8	8	32	3	10●	8	7·6	—		
12	986·9	987·7	76·0	78·4	79	76	0·3	2·1	7·2	6·4	95	71	—	1	12	5	5	2	6·1	—		Dull, with ●▲ showers.
13	986·4	984·8	76·3	75·0	79	75	0·4	0·3	7·3	6·7	94	95	32	4	26	6	10●	5	10·7	—		●△ showers a. Dull to c. ● p.
14	984·4	986·8	76·2	77·4	78	75	0·8	0·9	6·7	7·2	87	87	28	6	28	6	10	10●	14·6	—		● most of day.
15	992·2	993·0	76·4	75·4	78	75	0·4	0·7	7·3	6·4	94	88	28	4	26	4	9●	1	3·1	0·9		● showers a. Fair to c. Clear n.
16	994·2	997·5	74·7	74·8	77	73	0·8	0·8	5·9	5·9	86	86	22	2	—	0	8∞	8	—	0·4		⌣∞0 a. c. [p.
17	1005·9	1012·4	72·6	75·0	n 75	72	0·5	0·5	5·2	6·4	88	91	28	3	28	4	1∞⌣	1	4·2	—		●0✻△0 showers a. c. ●≡0
18	1010·0	1001·8	72·6	73·6	n 75	72	0·6	0·6	5·1	5·6	86	88	—	1	—	1	o⌣	10∞	1·3	4·4		⌣∞0 a. Fine. Dull, with ∞ n.
19	996·4	993·1	74·4	72·7	76	71	0·3	0·4	6·4	5·4	95	90	—	1	26	2	10●≡0	8≡0	1·6	0·3		≡0●0 showers a. c. with ≡0 p.
20	992·4	990·6	72·9	73·4	77	72	0·5	0·4	4·9	5·7	86	91	28	3	18	2	? 10≡0	o	3·0	—		≡0 a. ●0✻0 (sleet) showers p.
21	991·0	981·2	71·0	77·7	78	n 69	0

FORT WILLIAM, INVERNESS-SHIRE, a.c.—DECEMBER 1916.

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 = 0·30 m. Lat. 56° 49′ N. Long. 5° 7′ W. *Time*, Greenwich mean time.

Day.	Air Pressure at Mean Sea Level. 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.	hrs.	200+	
1	1013·9	1014·9	75·9	80·7	82	76	0·8	1·0	6·5	9·0	87	87	Dir. (0–12) Calm 0	Dir. (0–12) 20 2	10	10	0·5			Dull and showery.
2	1018·3	1017·3	80·2	77·5	81	77	1·1	0·5	8·6	7·7	85	93	20 1	20 2	10●⁰∞	10●⁰	7·6			Dull. ∞. Fair generally.
3	1015·2	1016·2	75·8	75·2	77	75	0·6	0·6	6·8	6·5	91	91	Calm 0	Calm 0	7	7●⁰	0·8			✻ on hills. ✻ showers.
4	1020·6	1021·0	73·6	73·6	77	73	0·7	0·7	5·5	5·5	86	86	Calm 0	Calm 0	2	0	—			⌣. Fine and sunny.
5	1018·9	1018·9	73·6	77·8	78	71	1·2	0·4	4·8	8·1	76	94	Calm 0	20 1	10⌣	10●⁰	3·3			⌣ early. ✻ on hills.
6	1016·9	1014·5	80·9	81·3	82	77	0·3	0·6	10·1	10·1	96	93	20 3	20 3	10●⁰≡	10●⁰≡	2·5			≡⁰. ●⁰ most of day.
7	1012·8	1009·8	77·5	75·8	82	75	0·7	0·3	7·5	7·1	90	96	Calm 0	Calm 0	2	10	1·0			Fine generally. ☋ 22 h.
8	1006·4	1002·0	75·8	71·9	76	72	0·1	0·6	7·4	4·7	99	83	Calm 0	Calm 0	6≡⋮	1≡⋮	—			≡:⌣. Fine.
9	996·6	994·9	74·7	78·0	78	70	1·7	1·3	5·0	7·1	72	82	8 2	4 4	10⌣	1	4·8			⌣ early. ● after 11 h.
10	994·9	991·5	78·0	76·3	79	76	1·1	1·1	7·3	6·4	84	83	4 4	4 3	10	8	1·0			c. and showery.
11	986·4	985·4	73·6	76·3	76	73	0·6	1·2	5·6	6·4	89	82	Calm 0	8 1	7	8	—			⌣ early. Fine, with sunny intervals.
12	987·1	987·5	75·2	75·3	77	74	1·1	0·6	6·0	6·5	82	90	8 2	Calm 0	9	3	—			⌣ early. Fine, with sunny intervals.
13	988·1	991·9	73·6	75·5	77	73	0·2	1·7	6·1	5·5	96	75	4 1	8 1	9⌣	9	—			⌣ early. Fine, with sunny intervals.
14	995·2	995·6	75·2	73·6	79	73	1·5	1·2	5·5	4·9	76	77	4 2	20 1	2	1	—			Fine, crisp, and sunny.
15	994·9	994·9	75·2	75·2	78	73	0·6	0·4	6·5	6·7	91	94	20 1	Calm 0	10●⁰	10●⁰	2·0			Dull, with ●⁰ showers.
16	1003·7	1012·2	77·4	75·1	78	74	2·2	1·6	5·9	5·4	n69	75	16 2	8 2	10	1	—			Dull at first. Fair to fine. [21 h.
17	1011·2	1001·3	70·5	73·6	75	n 70	0·3	0·4	4·5	5·9	90	92	4 2	Calm 0	10≡	10✻	5·6			≡ early. ✻ after 13 h. ▨ 5 cm.
18	995·6	991·9	73·0	72·6	n 74	72	0·4	0·5	5·5	5·2	89	87	Calm 0	8 1	10▨	10✻	0·5			▨ 5 cm. ✻ showers during day. ⌣
19	989·5	988·8	74·2	72·4	75	72	1·1	0·9	5·4	4·6	80	77	4 2	8 1	10▨	10	2·0			▨ 5 cm. ✻ showers during day. ⌣
20	987·5	975·9	71·8	76·9	77	71	1·0	2·1	4·0	5·7	72	72	Calm 0	4 3	1▨	10●⁰	2·8			▨ 10 cm. ● afternoon.
21	973·9	974·9	76·8	75·8	77	75	1·0	0·6	6·8	6·8	85	91	20 3	20 2	8●	10●	5·8			Snow gone. Dull and showery.
22	982·4	987·1	78·0	77·8	78	75	2·2	2·0	6·1	6·2	70	72	24 3	20 4	5	8	0·3			Fair to fine.
23	983·4	990·8	76·3	74·7	78	74	1·1	0·6	6·4	6·2	83	90	24 3	20 2	10●⁰	9●⁰	3·8			Dull and showery.
24	999·0	997·3	75·8	79·1	79	74	0·6	1·7	6·8	7·3	91	78	20 2	20 4	8●⁰	10	11·7			Dull and showery. ✻ on hills.
25	989·8	994·6	78·0	75·7	79	75	1·6	1·0	6·8	6·2	78	85	20 4	20 2	9	3	13·5			Dull and showery.
26	1003·7	1010·1	78·3	76·3	79	75	1·4	1·3	7·1	6·3	80	81	24 3	20 3	10●⁰	10●	6·6			Dull and showery.
27	1015·2	1014·2	76·9	78·6	79	76	0·9	1·6	7·0	7·1	86	79	20 2	28 3	8	10	14·0			Fair but c. [showers.
28	1003·7	996·9	81·9	82·0	x 83	78	0·6	0·7	10·5	10·4	93	92	20 4	20 3	10●≡⋮	10	x 20·8			"Muggy," with ≡⋮ and ●.
29	996·6	996·3	82·1	81·1	82	x 80	0·7	0·9	10·4	9·5	91	89	20 3	20 3	10●≡⋮	9	x 20·8			"Muggy." ≡⋮. ● showers, q. s.
30	998·6	1003·4	80·8	79·7	82	79	1·7	1·0	8·2	8·4	79	86	20 2	20 4	10●⁰	10●	15·5			Unsettled and showery. [times.
31	1009·8	1010·5	82·1	82·4	x 83	78	1·8	0·1	8·8	11·6	77	99	20 3	20 2	10●⁰	10●⁰≡⁰	8·6			Dull and showery. ●⁰ ≡⁰ n.
Mean	1000·3	1000·1	76·5	76·7	78·6	74·4	1·0	0·9	6·8	6·9	84	86	1·7	1·8	8·2	8·0	155·8			
Mean Pressure at Station Level.	998·8	998·6																		

DOUGLAS, ISLE OF MAN, a.—DECEMBER 1916.

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 = 0·30 m. Lat. 54° 10′ N. Long. 4° 28′ W. *Time*, Local 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.	9 h.	21 h.				
1	1017·3	1018·3	80·8	76·3	82	76	0·1	0·4	10·5	7·1	99	94	16 3	10 2	10	7	—	0·1	78	●² showers 8 h. o. to c. [23 h.
2	1019·6	1018·6	79·1	78·6	80	76	0·7	0·6	8·5	8·5	90	92	8 1	8 1	10	10●≡⁰	2·5	—	75	o. occasional ●⁰. ≡⁰. ● after
3	1017·9	1017·6	77·7	76·3	80	76	0·8	0·5	7·4	7·1	88	91	26 2	26 1	2	8●▲	2·5	3·8	75	● showers early. Fine till noon. ▲
4	1020·3	1021·0	76·3	77·6	80	75	1·1	1·0	6·4	7·1	83	86	30 3	30 2	2	8	—	6·3	72	⌣∼ early. Very fine.
5	1021·0	1022·3	77·2	78·0	79	75	0·9	1·7	7·1	6·8	87	77	2 1	14 1	10	8	—	—	71	∼ early. o. to c.
6	1021·7	1018·6	79·7	80·2	81	77	1·1	0·4	8·1	9·5	84	94	20 1	24 1	10	10	0·3	—	74	o.
7	1015·6	1010·5	80·8	79·1	81	79	0·6	0·5	9·8	8·8	93	92	22 1	28 1	10	10	3·6	—	79	o. ● 13 h.–16 h. [dull.
8	1008·8	1002·4	77·2	78·0	80	75	0·4	1·2	7·8	7·1	94	83	26 1	14 1	3	4	1·0	6·1	75	Very fine. ⌣ p.
9	989·8	987·1	76·9	78·0	80	76	0·3	1·1	7·8	7·4	96	84	8 6	12 3	10●	7	3·8	—	72	q., with continuous ● till 13 h.
10	991·5	989·1	76·1	76·1	80	75	1·4	0·3	6·1	7·1	79	95	4 1	28 1	6	7	0·3	3·2	73	⌣ early. Fine to c. ⌣ p.
11	985·4	983·4	77·4	76·6	78	75	0·5	1·1	7·8	6·4	92	84	12 2	10 2	10	10	1·3	0·1	72	Dull and o. ●⁰ 15 h.
12	983·4	985·1	76·5	76·1	78	76	0·3	0·3	7·4	7·1	95	95	4 2	2 1	8	7	0·5	1·8	74	c. ●⁰∼ 15 h. ⌣ p.
13	987·1	990·5	76·3	75·5	80	75	1·1	1·3	6·4	5·8	83	80	4 1	4 1	6	4⌣	—	3·7	72	⌣ early. c. to bright. [21 h.
14	992·5	994·9	76·9	76·1	79	75	1·1	1·4	6·8	6·1	84	79	32 3	32 2	7	0⌣	—	1·8	71	⌣ a. c. ⌣ p.
15	996·9	997·9	73·6	76·1	80	n 72	0·6	1·3	5·8	6·1	89	81	28 1	22 1	0∼	6	1·0	6·0	n 69	⌣∼ a. Very fine. ∼ 15 h.
16	1003·4	1009·5	76·9	75·8	78	75	0·6	0·6	7·4	6·8	92	91	26 1	4 1	7	3⌣	—	—	n 69	● early. c. to dull, then clear.
17	1012·5	1003·4	75·8	73·8	77	73	0·6	0·5	6·8	5·8	91	90	4 1	28 1	7	7∼	1·0	—	70	⌣∼ a. c. ⌣∼ p. ∼
18	996·3	990·5	75·2	75·2	76	74	0·0	0·0	7·1	7·1	100	100	20 2	18 2	10●	10●	x 16·8	—	71	● early. o. ✻●. ∼
19	990·2	990·8	73·0	73·0	n 75	n 72	0·6	0·4	5·4	5·8	87	91	28 1	28 1	2∼	2∼	1·5	1·6	n 69	∼▨ a. c. a. ✻∼ after 18 h.
20	986·4	977·6	78·0	77·4	79	73	1·4	1·0	7·1	7·1	81	86	12 3	20 3	10	10	14·7	0·1	70	● early. o. q. ▲ 15 h. < 17 h.
21	980·7	982·4	75·8	76·6	79	75	1·1	1·0	6·1	6·8	83	86	24 2	22 3	8	0⌣	—	2·0	73	⌣ early. c. ⌣ after 16 h.
22	988·5	993·2	76·1	79·7	80	75	0·9	2·3	6·8	7·1	87	n71	24 2	20 3	2	6	10·2	6·0	73	⌣ a. Very fine.
23	985·8	993·5	75·5	76·9	80	75	0·3	1·1	7·1	6·8	95	84	28 1	28 6	10✻●	6	4·3	0·1	72	o., with ● a. c. ✻▲ 18 h.
24	1005·1	1002·4	79·1	78·8	81	76	0·8	1·4	6·4	8·5	74	89	24 3	20 2	10	10	0·8	2·1	73	▲ a. c.
25	995·6	1002·4	77·4	77·7	80	76	1·1	1·3	7·1	7·1	84	82	18 3	24 5	10	0	4·8	3·1	76	o. ▲ 11 h. Bright and q.
26	1007·8	1013·2	78·6	76·1	80	75	1·2	0·6	7·8	7·1	85	92	28 4	28 1	8	2⌣	—	5·0	75	Very fine from 10 h. [17 h.
27	1018·6	1019·3	75·8	79·7	80	74	1·3	1·4	6·1	7·8	81	81	26 1	18 3	4⌣	10	3·6	2·4	70	⌣∼ a. Very fine to c. ⌣ after
28	1012·2	1004·7	81·4	82·4	83	79	0·1	0·0	10·8	11·9	99	100	18 6	20 3	10●	10	11·2	—	73	● early. o. q. till 13 h., then ●
29	1003·7	1005·1	82·4	81·6	x 84	81	0·1	0·5	11·5	10·2	98	93	22 3	24 3	10●	10	6·9	—	81	o.
30	1006·4	1010·5	80·2	81·9	82	79	0·6	0·6	9·1	10·5	91	93	24 4	22 6	2	10●	1·5	2·9	78	Fine to c. ✻ after 18 h. q.
31	1015·2	1017·3	83·0	83·7	x 84	x 82	0·2	0·1	11·9	12·5	98	98	24 4	24 4	10	10	1·0	0·6	79	o. ● after 14 h.
Mean	1002·5	1002·4	77·6	77·7	79·8	75·8	0·7	0·8	7·7	7·6	90	88	2·3	2·2	7·2	6·8	95·1	1·90	73·4	
Mean Pressure at Station Level.	991·9	991·7																		

x denotes the maximum and n the minimum value in the column.
Temperatures at or below the normal freezing-point of water are printed in small type.

SHREWSBURY, SHROPSHIRE.—DECEMBER 1916.

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 = 0·30 m. Lat. 52° 43′ N. Long. 2° 45′ W. *Time*, Local mean time.

Day.	Air Pressure at Mean Sea Level. 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	1019·8	1018·6	73·6	73·6	80	71	0·1	0·4	5·1	6·8	95	94	Dir. (0–12) 18 1	Dir. (0–12) 18 2	6	10	—		71	c. to o.
2	1020·2	1018·2	73·6	76·0	80	71	0·2	0·2	6·2	7·3	97	96	Calm 0	Calm 0	10	10	—		72	o.
3	1017·1	1014·3	74·4	75·9	81	—	0·3	1·0	6·4	6·3	94	84	Calm 0	24 3	10	0	—		72	o. to clear.
4	1014·6	1015·4	74·6	76·0	73	0·7	0·4	5·8	6·4	86	93	28 2	24 2	10	0⌣	0	—		69	Fine.
5	1015·6	1020·6	72·7	74·7	77	71	0·8	1·1	4·7	5·4	81	80	28 1	28 3	0⌣	0	—	4·3	65	Sunny till 15 h., then dull.
6	1021·6	1019·6	74·8	74·4	77	74	1·0	0·6	5·8	6·1	84	90	30 3	28 1	10	5⌣	0·5	0·2	70	o. ● showers mid-day. ≡⁰
7	1017·4	1013·7	73·0	75·4	76	72	0·6	0·7	5·4	6·4	87	89	30 1	30 1	6≡⁰⌣	10	—	—	66	o.
8	1009·0	1006·4	74·1	75·2	76	74	0·7	0·5	5·8	6·4	87	91	30 2	24 1	10	9	1·0	—	70	o.
9	996·8	990·6	77·1	71·6	80	72	0·1	0·7	8·1	4·4	99	n79	20 1	Calm 0	10	0	2·5	0·5	73	●⁰ n. and early a. o. ⌣ n.
10	990·0	988·6	79·1	75·3	80	71	0·3	0·3	9·1	6·8	96	94	12 3	14 1	10●	7☋	2·3	—	66	● till mid-day. ☋ p.
11	985·1	982·5	74·6	75·4	77	73	0·3	0·2	6·4	7·1	95	96	8 1	8 2	6≡⁰⌣	10	—	—	67	o. e. most of day.
12	979·2	981·9	74·7	76·1	78	75	0·0	0·3	6·8	7·1	100	95	Calm 0	8 1	10≡	10	2·0	0·3	71	●⁰ a. o. most of day.
13	986·5	989·0	74·7	75·3	77	73	0·0	0·1	6·8	7·1	100	97	4 1	24 1	10≡	10	—	—	68	o.
14	991·0	992·4	74·0	74·4	76	73	0·1	0·3	6·4	6·4	98	95	24 2	24 1	10≡	10	—	—	70	o.
15	993·4	999·0	70·8	70·8	75	70	0·0	0·0	5·1	5·1	100	100	20 1	4 1	8≡	10⌣≡	2·8	—	70	≡ all day; very dense at times.
16	1007·5	1008·2	72·1	74·4	75	71	0·1	0·2	5·8	6·4	99	97	32 1	28 1	10≡⁰▨	10▨	1·0	—	70	✻ n. and a. o.
17	1008·8	1006·6	70·2	70·2	75	68	0·1	0·3	4·7	4·4	95	89	23 1	Calm 0	10≡⁰⌣	10≡⁰⌣	—	—	67	≡⁰ early. o., with ≡.
18	1001·4	996·2	73·3	73·7	76	70	0·3	0·0	6·1	6·4	95	100	30 1	24 2	10≡	10≡	—	0·4	70	Dull and o. ≡ n.
19	993·8	995·2	71·9	72·8	n 74	72	0·4	0·4	5·1	5·8	88	92	24 2	14 1	10≡⁰	10≡⁰	—	—	71	≡⁰ most of day.
20	954·6	990·3	72·2	70·8	n 74	71	0·4	0·2	5·1	4·7	89	93	12 3	8 1	6⌣	0⌣	1·0	—	68	o. ✻ 11 h. 30 m. ⌣ n.
21	983·1	987·7	73·7	75·8	76	70	0·3	1·0	6·1	6·4	95	85	12 2	16 4	3⌣	10●	2·3	—	65	o.
22	990·8	1001·2	78·3	74·1	80	74	0·5	0·4	8·1	6·1	93	91	12 2	26 2	10●	0	x 11·2	—	72	● all day.
23	979·7	994·5	74·2	72·1	79	72	0·1	0·0	6·8	5·8	99	100	18 1	Calm 0	4⌣	0⌣	x 11·2	2·7	68	Sunny intervals 11 h.–15 h.
24	1010·6	1009·6	75·8	76·0	77	72	0·0	1·1	7·4	6·4	99	84	4 3	24 6	10●	0	3·3	—	72	● a. o. all day, with ✻ noon.
26	995·3	1007·1	75·6	74·6	81	74	0·5	0·5	6·8	6·4	91	91	22 2	16 1	1	0	7·6	4·4	68	⌣ early. Sunny 9 h.–14 h.
27	1009·8	1011·0	74·7	75·3	77	74	0·0	0·7	6·8	6·4	100	88	28 1	24 1	10●	0	0·5	—	69	● a. o.
28	1018·8	1024·1	73·7	70·7	76	71	0·3	0·3	6·1	4·4	94	91	20 1	Calm 0	8⌣	0⌣	—	—	66	o., with ≡⁰ part of day.
29	1022·8	1013·0	67·6	69·6	76	n 67	0·2	0·4	3·7	4·1	94	86	20 1	Calm 0	1⌣	0≡⁰⌣	—	2·6	n 64	Sunny intervals.
30	1010·6	1008·2	73·1	80·5	81	68	0·2	0·1	5·8	10·2	95	98	18 1	20 2	7⌣	10●	3·0	—	n 64	o. ● n.
31	1009·0	1016·4	84·3	84·6	x 87	x 81	0·7	0·9	12·2	12·2	91	89	18 3	20 4	10	9	0·5	—	75	o., with occasional ● showers.
	1017·2	1020·0	81·3	80·3	85	80	0·6	0·8	9·8	9·1	92	89	24 2	24 2	8	4☋	—	3·5	76	o. Sunny 9 h. 30 m.–12 h. 30 m.
			83·6	83·2	85	79	1·2	0·5	10·8	11·9	86	95	24 3	24 3	10	8	—	—	74	o.
Mean	1003·4	1004·0	74·2	74·7	79·6	—	0·3	0·4	6·4	6·6	94	94	0·5	1·1	7·2	6·3	42·7		69·4	
Mean Pressure at Station Level.	995·3	996·0																		

CAMBRIDGE,* a.—DECEMBER 1916.

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 = 0·30 m. Lat. 52° 12′ N. Long. 0° 8′ E. *Time*, Greenwich mean time.

Day.	8 h.	20 h.	8 h.	20 h.		8 h.	20 h	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.	20 h.	8 h.				
1	1022·0	1020·2	71·3	75·6	76	71	0·1	0·4	5·1	6·8	95	94	12 1	12 1	10	2	—	—	70	Dull and raw cold.
2	1020·3	1017·9	76·3	75·7	77	71	0·5	0·5	7·1	6·8	91	92	6 2	6 1	10	10	—	—	70	Dull and raw cold.
3	1017·1	1014·3	74·4	74·6	76	73	0·7	0·4	5·8	6·4	86	93	28 2	24 2	10	0⌣	—	—	73	o. [Clear n.
4	1014·6	1015·4	72·7	74·7	77	71	0·8	1·1	4·7	5·4	81	80	28 1	28 3	0⌣	0	—	4·3	65	Sunny till 15 h., then dull.
5	1015·6	1020·6	74·8	74·4	77	74	1·0	0·6	5·8	6·1	84	90	30 3	28 1	10	5⌣	0·5	0·2	70	o. ● showers mid-day. ≡⁰
6	1021·6	1019·6	73·0	75·4	76	72	0·6	0·7	5·4	6·4	87	89	30 1	30 1	6≡⁰⌣	10	—	—	66	o.
7	1017·4	1013·7	74·1	75·2	76	74	0·7	0·5	5·8	6·4	87	91	30 2	24 1	10	9	1·0	—	70	o.
8	1009·0	1006·4	77·1	71·6	80	72	0·1	0·7	8·1	4·4	99	n79	20 1	Calm 0	10	0	2·5	0·5	73	●⁰ n. and early a. o. ⌣ n.
9	996·8	990·6	79·1	75·3	80	71	0·3	0·3	9·1	6·8	96	94	12 3	14 1	10●	7☋	2·3	—	66	● till mid-day. ☋ p.
10	990·0	988·6	74·6	75·4	77	73	0·3	0·2	6·4	7·1	95	96	8 1	8 2	6≡⁰⌣	10	—	—	67	o. e. most of day.
11	985·1	982·5	74·7	76·1	78	75	0·0	0·3	6·8	7·1	100	95	Calm 0	8 1	10≡	10	2·0	0·3	71	●⁰ a. o. most of day.
12	979·2	981·9	74·7	75·3	77	73	0·0	0·1	6·8	7·1	100	97	4 1	24 1	10≡	10	—	—	68	o.
13	986·5	989·0	74·0	74·4	76	73	0·1	0·3	6·4	6·4	98	95	24 2	24 1	10≡	10	—	—	70	o.
14	991·0	992·4	70·8	70·8	75	70	0·0	0·0	5·1	5·1	100	100	20 1	4 1	8≡	10⌣≡	2·8	—	70	≡ all day; very dense at times.
15	993·4	999·0	72·1	74·4	75	71	0·1	0·2	5·8	6·4	99	97	32 1	28 1	10≡⁰▨	10▨	1·0	—	70	✻ n. and a. o.
16	1007·5	1008·2	70·2	70·2	75	68	0·1	0·3	4·7	4·4	95	89	23 1	Calm 0	10≡⁰⌣	10≡⁰⌣	—	—	67	≡⁰ early. o., with ≡.
17	1008·8	1006·6	73·3	73·7	76	70	0·3	0·0	6·1	6·4	95	100	30 1	24 2	10≡	10≡	—	0·4	70	Dull and o. ≡ n.
18	1001·4	996·2	71·9	72·8	n 74	72	0·4	0·4	5·1	5·8	88	92	24 2	14 1	10≡⁰	10≡⁰	—	—	71	≡⁰ most of day.
19	993·8	995·2	72·2	70·8	n 74	71	0·4	0·2	5·1	4·7	89	93	12 3	8 1	6⌣	0⌣	1·0	—	68	o. ✻ 11 h. 30 m. ⌣ n.
20	954·6	990·3	73·7	75·8	76	70	0·3	1·0	6·1	6·4	95	85	12 2	16 4	3⌣	10●	2·3	—	65	o.
21	983·1	987·7

ARMAGH, a.c.d.—DECEMBER 1916.

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 = 0·30 m. Lat. 54° 21′ N. Long. 6° 39′ W. *Time*, Dublin mean time.

Day.	Air Pressure at Mean Sea Level. 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.		%	%	Dir.	m/s.	Dir.	m/s.	Tenths of Sky covered.		mm.	hr.	200+	
1	1013·9	1015·2	79·4	79·1	82	74	0·3	0·8	9·1	8·3	94	88	14	2	14	3	6	3	—	1·1	72	c.
2	1018·9	1018·6	76·8	78·4	80	76	0·1	0·1	7·9	8·9	100	99	—	0	—	0	10	10	0·3	—	73	o.
3	1019·3	1020·0	74·5	72·9	79	73	0·4	0·1	6·4	6·0	93	98	24	2	—	0	5	0	0·1	3·1	72	⌣ early. Fine.
4	1023·3	1022·7	74·2	75·3	80	72	0·6	0·6	6·0	6·5	89	90	—	1	—	1	6	10	1·1	4·2	70	Fine. ⊔
5	1019·6	1021·0	76·4	77·5	78	75	0·0	0·2	7·7	8·2	99	97	—	1	18	2	10●	10	1·0	—	74	o.
6	1020·3	1017·6	78·1	80·1	80	77	0·2	0·3	8·6	9·7	98	96	18	2	18	2	10	10	1·9	—	76	o.
7	1014·5	1011·2	80·2	76·9	80	76	0·0	0·2	10·1	7·8	100	97	—	1	—	1	10●	10	3·3	—	80	Very wet morning.
8	1009·1	1000·0	74·1	74·1	78	73	0·3	0·2	6·3	6·4	94	97	20	3	16	2	0	10	5·3	5·0	72	Fine. ⊔
9	987·8	984·7	76·5	76·2	77	73	0·3	0·0	7·4	7·5	95	99	6	3	4	3	10●	10●	10·9	—	72	Very wet day. ⊔ Wet afternoon.
10	991·9	989·5	72·6	74·8	77	72	0·2	0·2	5·7	6·8	96	97	—	1	—	0	0	10≡●	3·0	5·4	71	Fine morning.
11	984·1	983·0	75·6	73·6	76	74	0·1	0·2	7·2	6·1	99	95	—	0	—	0	10≡	10≡	—	0·4	74	o. most of day.
12	984·7	986·4	72·8	73·7	76	72	0·2	0·2	5·7	6·2	94	97	—	1	—	1	10	10	—	0·3	72	o.
13	987·1	992·2	72·7	70·2	75	n 70	0·1	0·0	5·8	4·9	96	100	—	0	—	1	10≡	10	—	1·7	73	≡ all day.
14	995·6	996·9	72·9	71·6	77	n 70	0·5	0·4	5·3	4·8	87	88	—	1	—	1	10	5	—	1·9	68	c.
15	998·3	997·6	71·2	74·1	76	n 70	0·5	0·4	4·6	6·2	86	93	32	2	20	2	0	10	0·6	6·0	n 67	Very fine. ●⁰ 20 h.
16	1003·4	1011·2	72·1	70·2	76	n 70	0·0	0·1	5·7	4·7	100	95	—	1	—	0	2	10≡	—	2·6	69	Fine *a.* ≡ from 15 h.
17	1012·5	1003·7	70·5	72·6	74	n 70	0·2	0·3	4·7	5·6	94	94	—	1	20	2	10	10	0·6	—	70	o.
18	995·6	991·5	72·7	69·6	n 73	n 70	0·1	0·0	5·9	4·6	98	98	—	1	—	1	10≡	10	0·3	—	72	≡ *a.* o.
19	989·8	989·5	71·6	72·9	74	n 70	0·2	0·3	5·3	5·6	97	93	20	2	—	1	10	10	1·6	—	70	o.
20	980·7	975·3	74·0	74·8	78	72	0·2	0·3	6·3	6·6	95	95	10	2	—	1	10	10●	7·2	0·6	72	o.
21	979·7	982·0	72·8	73·3	76	72	0·5	0·7	5·4	5·3	88	n 84	20	3	20	4	0	0	—	5·0	72	Very fine.
22	989·5	989·8	71·6	75·3	77	71	0·4	1·0	4·8	6·1	89	n 84	20	2	18	5	2	5	—	4·7	70	Very fine.
23	986·4	997·9	73·7	75·9	77	74	0·3	0·8	6·1	6·5	94	87	—	1	24	3	10	5	0·6	2·8	72	Fine. ✻⁰ 16 h. 30 m. [valu.
24	1003·4	999·3	75·6	76·2	80	73	0·3	0·9	7·0	6·5	95	86	18	3	16	5	10	10	2·2	3·6	73	c.
25	992·5	1002·4	75·9	75·3	78	75	0·3	0·9	7·1	6·2	94	86	18	4	20	4	10	0	1·1	4·6	75	●⁰ showers, with sunny inter-
26	1009·5	1013·9	74·1	73·1	79	72	0·4	0·5	6·1	5·5	92	89	—	1	—	1	3	3	—	5·7	72	Fine.
27	1018·3	1015·9	70·7	77·5	78	n 70	0·3	0·8	4·6	7·3	90	88	—	0	16	6	5	10	1·5	0·3	n 67	o.
28	1007·1	1002·7	82·4	83·8	x 85	77	0·5	0·2	10·9	12·5	94	98	16	6	20	4	10	10●	x 15·5	—	76	o.
29	1002·0	1002·4	80·2	80·3	84	80	0·4	0·6	9·5	9·3	95	92	20	4	20	5	10●	0	0·6	—	80	o.
30	1006·8	1008·1	79·5	83·3	84	79	0·9	0·7	8·3	11·3	86	90	20	3	20	8	4	10	0·7	1·0	77	o. most of day.
31	1014·9	1016·9	82·9	83·9	x 85	x 83	0·1	0·3	11·9	12·4	98	96	20	3	20	6	10	10	1·7	—	81	o.
Mean	1002·0	1001·9	75·1	75·7	78·3	73·4	0·3	0·4	6·9	7·1	94	93		1·8		2·4	7·2	7·8	61·1	1·94	72·7	
Mean Pressure at Station Level.	994·3	994·3																				

DUBLIN (PHŒNIX PARK), a.c.—DECEMBER 1916.

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 = 0·30 m. Lat. 53° 22′ N. Long. 6° 21′ W. *Time*, Dublin 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.	Dir. (0–12) 9 h.		Dir. (0–12) 21 h.		9 h.	21 h.	9 h.	21 h.	9 h.	Remarks.
1	1015·2	1015·6	81·6	77·9	82	75	1·9	0·5	8·5	8·1	n 77	93	20	3	Calm	0	7	0	—	0·9	75	c.
2	1018·3	1018·3	79·7	79·4	82	77	0·5	0·2	9·1	9·1	92	97	Calm	0	Calm	0	10	8	1·1	—	72	o. ●² showers *p.*
3	1020·6	1020·3	73·8	73·1	80	73	0·8	0·2	5·4	6·1	84	98	20	2	Calm	0	8	2	—	3·5	70	Fine.
4	1022·7	1023·0	73·0	74·1	79	71	0·5	0·6	5·4	6·1	88	98	28	2	Calm	0	1	2	1·0	6·2	67	Fine. ●⁰ *p.*
5	1020·6	1021·7	76·6	76·9	79	74	0·3	0·1	7·4	8·1	96	98	Calm	0	Calm	0	10●	10	2·4	—	72	●⁰ *a.* and *p.* o.
6	1021·3	1018·9	77·9	80·1	80	76	0·5	1·0	8·1	8·8	92	87	20	1	Calm	0	10	10	1·4	—	75	o.
7	1015·2	1012·5	80·2	77·8	81	77	0·5	0·4	9·5	8·1	93	93	Calm	0	20	1	10●	10	4·9	—	78	●² *a.* and *p.* o.
8	1009·8	999·6	74·2	73·5	80	72	0·1	0·1	6·4	6·1	98	98	Calm	0	Calm	0	4	7	10·6	5·1	71	Fine.
9	985·1	981·7	77·1	77·9	80	73	0·2	1·3	7·8	7·1	97	81	Calm	0	Calm	0	10●	8	10·7	—	70	●² *a.* o. ●² showers *p.*
10	989·8	990·2	78·4	73·1	79	73	1·5	0·2	7·1	5·8	81	95	4	2	Calm	0	9	10	1·2	—	70	● *a.* and *p.* o.
11	984·4	982·4	74·7	73·0	77	72	0·2	0·2	6·8	5·8	97	94	24	1	20	1	10	8	4·6	3·0	71	Fine. ✻ showers *p.*
12	983·4	986·1	73·9	74·4	75	71	0·9	0·5	5·4	6·1	82	92	28	2	Calm	0	10✻	10✻	x 16·9	—	67	✻●²*a.* o. ✻² showers ●² *p.*
13	987·5	990·5	73·3	71·9	75	71	0·3	0·5	5·8	5·1	94	86	24	1	Calm	0	9	5	0·7	—	72	o. ✻ showers *p.*
14	994·6	995·9	72·2	72·4	77	70	0·4	0·0	5·1	5·8	89	98	Calm	0	Calm	0	10	0	—	1·0	68	c.
15	998·3	1001·0	69·3	72·1	75	67	0·2	0·7	4·1	4·7	90	81	Calm	0	Calm	0	4	5	—	3·7	65	Fine.
16	1004·0	1010·1	73·8	70·0	78	70	0·4	0·3	6·1	4·4	93	90	20	2	Calm	0	5	0	—	4·4	67	Fine.
17	1013·2	1005·4	69·0	70·3	n 71	68	0·3	0·4	3·7	4·4	84	86	Calm	0	28	2	10	10	0·6	—	67	o.
18	995·9	991·9	73·2	71·2	74	70	0·3	0·4	6·1	4·7	96	87	Calm	0	24	1	10	10	2·2	—	69	✻² showers *a.* o. ✻ showers *p.*
19	991·2	990·2	71·9	69·6	74	69	0·3	0·5	5·1	3·7	89	81	24	1	Calm	0	10	10	0·7	—	69	o.
20	980·7	978·6	77·4	75·6	79	69	0·7	0·6	7·4	6·8	91	91	16	2	20	5	10	7	3·0	1·6	67	●² showers *a.* and *p.* c.
21	981·0	984·4	71·7	74·1	77	71	0·3	0·5	5·1	6·1	93	91	16	1	Calm	0	4	8	0·1	—	66	o.
22	990·8	991·5	74·4	74·0	79	73	0·5	0·3	6·1	6·1	91	94	Calm	0	Calm	0	0	3	3·2	6·2	69	Fine.
23	987·5	1000·7	74·2	75·1	75	73	0·3	1·1	6·4	6·1	95	84	24	2	24	4	10●	0	1·0	3·0	71	●² *a.* Fine. ✻ showers *p.*
24	1005·7	1000·7	77·8	79·1	80	74	0·6	1·7	7·8	7·1	91	78	20	2	20	3	6	8	0·1	—	72	o.
25	995·6	1005·7	77·4	75·4	79	75	0·8	0·1	7·4	7·1	89	97	20	3	20	2	5	0	—	3·3	72	Fine.
26	1010·5	1013·9	74·6	69·6	79	70	0·4	0·4	6·4	4·1	92	92	Calm	0	Calm	0	5	6	—	5·6	72	Fine.
27	1019·3	1017·9	67·4	78·6	79	n 65	0·1	1·2	3·7	7·4	94	84	Calm	0	20	3	8	8	1·2	1·8	n 63	c.
28	1010·1	1005·1	83·1	85·6	x 86	79	0·7	1·0	11·2	12·9	91	89	16	4	20	5	10●	10●	6·1	—	76	●⁰ *a.* o. ● showers *p.*
29	1003·4	1005·7	82·1	81·3	x 86	81	0·3	0·7	11·2	9·8	97	91	20	1	20	2	10●	3	2·4	—	81	● *a.* o.
30	1009·1	1012·2	80·2	82·6	83	79	0·8	0·9	9·1	10·5	90	89	20	2	20	4	1	10	0·3	2·7	77	c.
31	1016·6	1019·6	83·8	84·1	85	x 82	0·6	0·5	11·9	12·2	92	94	20	2	22	4	9	9●	0·9	—	82	●⁰ *a.* and *p.* o.
Mean	1002·7	1002·9	75·7	75·6	78·8	72·9	0·5	0·6	7·0	6·9	91	91		1·2		1·2	7·6	6·4	77·3	1·68	71·1	
Mean Pressure at Station Level.	996·6	996·9																				

x denotes the maximum and *n* the minimum value in the column.

METEOROLOGICAL OFFICE, LONDON,
February 26th, 1917.

METEOROLOGICAL OBSERVATIONS AT STATIONS OF THE FIRST AND SECOND ORDERS, 1916.

ANNUAL SUPPLEMENT.

MONTHLY AND YEARLY SUMMARIES FOR ELEVEN STATIONS

OF

Pressure, Temperature, Humidity, Rainfall, Bright Sunshine, Amount of Cloud, Days of Weather, and Observations of Wind Force and Direction.

LERWICK, SHETLANDS, a.

Lat. 60° 9′ N. Long. 1° 8′ W. Heights above Mean Sea Level: Rain-gauge Site, H = 50 ft.; H_b = 59 ft.

1916.	Mean Air Pressure. Station Level.	Mean Sea Level.	Air Temperature in Degrees Fahrenheit. 7 h.	13 h.	21 h.	Means of Max.	Means of Min.	Max and Min. combined.	Absolute Extremes. Highest Max.	Day.	Lowest Min.	Day.	Lowest Max.	Day.	Highest Min.	Day.	Humidity. Depression of Wet Bulb. 7 h.	13 h.	21 h.	Vapour Pressure. 7 h.	13 h.	21 h.	Percentage. 7 h.	13 h.	21 h.	Earth Temp. At 1 foot.	At 4 feet.
	mb.	mb.	°F.	°F.	°F.	°F.	°F.	°F.	°F.		°F.		°F.		°F.		°F.	°F.	°F.	mb.	mb.	mb.	%	%	%	°F.	°F.
Jan.	999·3	01·5	41·6	43·0	42·7	45·1	37·6	41·4	48	9, 25	32	14th	38	11th	44	1st	1·6	2·2	1·8	7·7	7·8	8·0	88	83	86	...	...
Feb.	000·1	02·4	38·5	40·7	38·8	41·9	35·0	38·5	46	1st	31	16, 17, 22	38	21st	41	1, 2	1·5	2·2	1·5	6·9	7·1	7·0	87	83	88	...	...
March	007·3	09·4	35·7	38·4	36·7	40·0	32·1	36·1	46	30, 31	26	2, 29	36	2, 4	40	19th	1·5	2·2	1·3	6·2	6·4	6·5	86	83	89	...	...
April	005·0	07·1	42·0	44·9	41·9	46·8	38·0	42·4	52	27th	32	10, 22	42	6th	44	2nd	1·8	2·7	1·7	7·7	8·1	7·8	86	81	88	...	...
May	011·0	13·1	45·1	47·8	44·9	49·2	41·3	45·3	56	29th	34	7th	43	9th	47	24, 25	1·5	2·6	1·6	9·0	9·1	8·8	88	81	88	...	...
June	008·6	10·8	47·4	49·7	47·1	51·0	43·9	47·5	56	22nd	38	5th	44	2nd	49	23, 24	1·6	2·4	1·4	9·8	10·0	9·8	89	84	90	...	...
July	012·6	14·8	51·4	54·4	51·9	55·8	48·4	52·1	65	27th	45	3, 4	49	4th	52	26, 28	1·1	2·1	1·4	11·9	12·3	11·8	92	86	91	...	...
Aug.	010·4	12·6	51·4	54·4	51·5	55·7	48·5	52·1	61	13th	45	9, 24, 28	51	22nd	53	14, 15	1·6	2·8	1·5	11·5	11·7	11·5	90	82	89	...	...
Sept.	013·1	15·2	49·6	52·9	49·4	54·0	46·7	50·4	61	8th	40	14, 16, 21	47	14th	52	1, 6	1·5	3·1	2·0	10·7	10·8	10·3	90	80	87	...	...
Oct.	999·6	01·7	46·5	48·5	47·3	50·0	43·6	46·8	54	11, 12, 14	31	16th	44	16th	48	21st	1·5	2·7	1·8	9·5	9·3	9·6	89	82	88	...	...
Nov.	998·3	00·5	45·4	46·6	45·4	47·8	42·3	45·1	52	11th	35	27, 28	42	18, 26	47	5–7, 12	1·9	2·5	2·4	8·8	8·8	8·4	87	83	83	...	...
Dec.	996·1	98·3	40·0	41·5	40·8	43·7	37·1	40·4	48	1, 6, 10	30	18th	36	17th	43	29, 30	0·8	1·6	1·5	7·4	7·7	7·5	87	88	88	...	...
Year.	005·1	07·3	44·6	46·9	44·9	48·4	41·2	44·8	65	...	26	...	36	...	53	...	1·5	2·4	1·7	8·9	9·1	8·9	88	83	88	...	...

LERWICK, SHETLANDS, a.

Heights above Ground: h_t = 4 ft.; h_r = 9 ins. Observations at 7 h., 13 h., 21 h. Temps. for 24 hours ending 7 h. Time G.M.T.

1916.	Rainfall. Total.	Max.	Day.	Bright Sunshine. Daily Mean.	Total.	Per cent.	Amount of Cloud, 0—10. 7 h.	13 h.	21 h.	Number of Days of Clear Sky.	Overcast.	Weather, Number of Days of Precipitation.	Precipitation 0·01 or more.	Snow.	Snow lying.	Hail.	Thunder Storm.	Fog.	Ground Frost.	Gale. Force 8 or more.	Wind, Number of Observations for the Month. Wind Force 8 and above.	Strong Wind (4–7).	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	in.	mm.	mm.	hr.	hr.	%																									
Jan.	10·78	274	29	12th	...	...	...	7·8	7·5	7·6	0	9	31	28	5	...	3	2	1	...	3	4	67	4	8	0	0	1	25	25	15	15
Feb.	3·93	100	14	13th	...	...	...	7·0	7·4	7·0	0	8	27	22	11	...	1	1	2	...	0	0	43	7	11	8	5	3	17	15	8	13
March	4·51	115	17	25, 30	...	...	...	7·9	7·6	8·1	0	13	27	22	16	...	0	0	0	...	3	3	43	7	28	24	8	8	8	3	3	4
April	2·98	76	22	16th	...	...	...	7·6	7·7	7·2	0	9	20	14	0	...	1	1	2	...	1	1	42	8	6	8	2	10	20	21	9	6
May	5·42	138	27	6th	...	...	...	8·3	7·7	7·4	0	15	20	15	1	...	0	1	4	...	0	0	26	9	9	10	2	7	27	5	10	14
June	2·69	68	23	5th	...	...	...	8·6	8·7	8·9	0	20	19	12	0	...	0	0	8	...	0	0	33	7	23	21	7	6	9	7	0	10
July	2·74	70	13	26th	...	...	...	9·2	8·8	8·9	0	22	18	13	0	...	0	0	12	...	0	0	13	15	9	13	1	4	15	12	9	15
Aug.	0·91	23	8	1st	...	...	...	8·6	8·0	7·8	0	18	15	6	0	...	0	0	7	...	0	0	23	9	11	22	2	4	14	6	9	16
Sept.	2·23	57	15	17th	...	...	...	7·7	7·7	7·4	0	9	22	13	0	...	0	0	2	...	1	1	36	6	13	9	4	10	19	15	8	6
Oct.	8·40	213	43	14th	...	...	...	8·6	8·4	8·1	0	15	27	23	1	...	2	0	0	...	7	9	62	2	6	7	5	15	26	11	7	14
Nov.	6·81	173	30	11th	...	...	...	9·1	8·7	7·8	0	16	25	22	1	...	0	0	0	...	5	1	58	2	6	3	1	22	29	12	8	7
Dec.	5·94	151	18	21st	...	...	...	7·1	7·6	7·5	0	10	31	27	2	...	2	2	0	...	2	3	40	10	9	8	5	9	18	17	7	10
Year	57·34	1458	43	...	...	...	...	8·1	8·0	7·8	0	164	282	217	37	...	9	7	38	...	22	22	486	86	139	133	42	99	227	149	93	130

In the column for pressure at station level the first figure is omitted if it is a 1; for pressure at sea level the initial 9 or 10 is omitted.

Wt. 43709/420—250—4/17.—N. & Co., Ltd. Gp. XV.

CASTLEBAY, HEBRIDES.

Lat. 56° 57′ N. Long. 7° 29′ W. Heights above Mean Sea Level: Rain-gauge Site, H = 37 ft.; H_b = 48 ft.

1916.	Mean Air Pressure. Station Level.	Mean Air Pressure. Mean Sea Level.	Air Temperature in Degrees Fahrenheit. 7 h.	13 h.	21 h.	Means of Max.	Means of Min.	Max. and Min. combined.	Absolute Extremes. Highest Max.	Day.	Lowest Min.	Day.	Lowest Max.	Day.	Highest Min.	Day.	Humidity. Depression of Wet Bulb. 7 h.	13 h.	21 h.	Vapour Pressure. 7 h.	13 h.	21 h.	Percentage. 7 h.	13 h.	21 h.	Earth Temp. At 1 foot.	At 4 feet.
	mb.	mb.	°F.	°F.	°F.	°F.	°F.	°F.	°F.		°F.		°F.		°F.		°F.	°F.	°F.	mb.	mb.	mb.	%	%	%	°F.	°F.
Jan.	006·2	07·9	46·4	46·8	46·1	49·0	41·5	45·3	52	19th	35	23rd	45	13th	47	10th	1·2	1·3	1·3	9·7	9·8	9·6	91	91	91	...	...
Feb.	002·3	04·0	40·6	42·5	41·1	44·2	36·6	40·4	49	12th	33	15–17	39	27th	46	1st	2·7	3·4	2·9	6·8	6·9	6·8	79	75	77	...	...
March	007·5	09·1	38·8	41·8	40·1	43·1	35·4	39·3	50	19th	29	26th	35	3rd	44	31st	1·8	2·3	1·8	6·8	7·4	7·2	85	83	85	...	...
April	007·0	08·6	44·0	46·9	45·0	48·0	40·4	44·2	57	26th	34	15th	45	6, 14	46	1, 27	1·7	2·8	2·5	8·5	8·7	8·2	86	81	82	...	...
May	010·0	11·7	46·9	49·5	47·5	51·2	43·4	47·3	65	19th	36	4th	44	6, 7	49	20th	2·0	2·9	2·1	9·2	9·6	9·4	86	80	85	...	...
June	012·1	13·8	50·0	52·7	49·9	54·6	46·5	50·6	61	24th	41	6th	49	6th	52	24th	2·7	3·6	2·6	9·9	10·4	9·9	82	77	83	...	...
July	014·2	15·9	54·1	56·7	54·3	58·0	51·4	54·7	64	23rd	46	5th	51	8th	56	25, 28–30	1·5	2·2	1·4	12·7	13·4	13·0	89	86	90	...	...
Aug.	010·0	11·7	56·3	59·2	56·8	61·0	53·3	57·2	65	9, 10, 16	48	30th	55	27th	57	12th	1·7	2·3	1·9	13·6	14·6	13·7	89	86	87	...	...
Sept.	015·2	16·8	54·1	56·1	54·4	57·7	50·9	54·3	63	3rd	43	14th	51	30th	57	27th	1·9	2·5	2·6	12·4	12·9	11·9	86	84	83	...	...
Oct.	000·8	02·4	50·6	51·9	50·8	53·9	47·9	50·9	59	14th	42	16, 17	48	16th	52	6th	2·0	2·5	2·2	10·8	10·8	10·7	86	84	85	...	...
Nov.	998·1	99·8	47·9	48·0	47·8	49·9	44·2	47·1	54	10, 11, 14	36	27th	43	26th	51	15th	2·0	2·1	2·2	9·7	9·6	9·4	86	85	84	...	...
Dec.	998·3	00·0	43·0	43·5	43·0	45·2	39·5	42·4	51	28, 30	33	18, 20	39	18, 19	48	29th	2·7	2·5	2·4	7·4	7·7	7·6	80	80	82	...	...
Year	006·9	08·5	47·7	49·6	48·1	51·3	44·3	47·8	65	...	29	...	35	...	57	...	2·0	2·5	2·2	9·8	10·2	9·8	85	83	85	...	...

ABERDEEN OBSERVATORY,* a, e.

Lat. 57° 10′ N. Long. 2° 6′ W. Heights above Mean Sea Level: Rain-gauge Site, H = 46 ft.; H_b = 88 ft.

			9 h.	15 h.	21 h.												9 h.	15 h.	21 h.	9 h.	15 h.	21 h.	9 h.	15 h.	21 h.		
Jan.	004·9	08·1	42·1	44·8	42·3	47·8	38·1	43·0	54	25th	33	27th	40	8th	46	25th	3·1	3·6	3·1	7·1	7·5	7·1	78	75	77	...	46·6
Feb.	001·0	04·3	37·0	39·9	37·2	41·7	34·0	37·9	48	6th	26	20th	38	16th	40	1st	2·3	3·2	2·3	6·0	6·3	6·0	80	75	80	...	39·7
March	005·4	08·8	36·5	38·7	36·5	39·7	33·8	36·8	53	31st	28	25th	35	2nd	45	31st	2·2	2·9	2·0	6·0	6·2	6·1	81	78	83	...	39·7
April	005·2	08·4	44·2	46·8	42·8	49·6	38·3	44·0	61	1st	33	2nd	41	19th	44	24th	3·2	4·0	2·5	7·6	8·0	7·6	76	74	81	...	41·6
May	009·6	12·8	48·4	49·3	46·6	52·3	42·4	47·4	69	20th	34	6th	41	6th	48	24th	3·4	3·4	2·2	8·9	9·2	9·2	77	77	85	...	45·7
June	007·3	10·5	50·5	52·5	48·7	54·5	45·9	50·2	63	1st	41	6th	49	4th	51	23rd	3·4	3·9	2·1	9·7	10·1	9·9	77	76	84	...	52·6
July	012·0	15·1	57·2	58·3	54·5	61·2	51·1	56·2	76	29th	46	18th	51	7th	55	24th	3·2	3·8	1·8	12·8	12·9	12·7	81	78	88	...	57·0
Aug.	009·0	12·1	55·8	57·6	54·7	60·1	50·2	55·2	73	5th	42	29th	53	26th	56	13th	2·9	3·5	2·2	12·4	12·8	12·6	82	80	87	...	57·0
Sept.	013·0	16·3	53·4	55·9	52·0	57·6	48·0	52·8	71	6th	40	13th	49	14th	55	7th	3·2	3·4	2·4	11·0	12·1	11·1	79	79	84	...	50·7
Oct.	000·3	03·5	47·7	51·3	48·0	52·9	43·3	48·1	67	12th	30	17th	43	16th	52	5th	2·9	3·8	2·5	9·2	9·7	9·6	80	75	84	...	46·0
Nov.	998·8	02·1	44·6	46·2	44·8	48·4	40·8	44·6	59	11th	33	27th	38	27th	51	11th	2·2	2·5	2·4	8·5	8·7	8·4	84	81	82	...	42·0
Dec.	997·0	00·3	37·4	40·1	37·9	41·7	33·8	37·8	48	31st	26	20th	36	16, 17	40	2nd	1·4	2·0	1·4	6·6	7·0	6·8	86	83	87	...	42·5
Year	005·3	08·5	46·2	48·5	45·5	50·6	41·6	46·1	76	...	26	...	35	...	56	...	2·8	3·3	2·2	8·8	9·2	8·9	80	78	84	...	46·0

ESKDALEMUIR OBSERVATORY, DUMFRIESSHIRE.*

Lat. 55° 19′ N. Long. 3° 12′ W. Heights above Mean Sea Level: Rain-gauge Site, H = 799 ft.; H_b = 778 ft.

			9 h.	15 h.	21 h.												9 h.	15 h.	21 h.	9 h.	15 h.	21 h.	9 h.	15 h.	21 h.		
Jan.	984·8	13·8	40·8	42·8	41·4	45·7	36·5	41·1	50	6, 21	26	11th	37	27th	44	10th	1·2	1·8	1·5	7·9	8·1	7·9	89	86	88	...	...
Feb.	976·9	06·1	34·0	36·5	33·6	39·0	29·7	34·4	48	6th	20	21st	34	26th	39	1st	1·3	2·0	1·2	5·9	6·1	5·7	88	83	85	...	...
March	978·9	08·3	34·0	36·1	32·0	37·8	28·8	33·3	50	31st	11	24th	32	8, 11	42	31st	1·6	2·1	1·1	5·5	5·9	5·3	83	81	83	...	...
April	981·4	10·1	42·8	46·8	39·7	49·3	34·0	41·7	66	26th	21	2nd	41	19th	46	25th	2·3	4·4	1·6	7·7	7·9	7·3	81	73	86	...	...
May	984·1	12·6	49·6	52·7	45·3	55·2	37·2	46·2	73	19th	29	3, 10	39	6th	48	19th	3·7	5·0	1·8	9·3	9·6	9·0	76	71	86	...	...
June	983·2	11·5	51·4	55·0	47·3	57·6	41·2	49·4	73	17th	33	30th	51	13th	50	25th	4·1	5·4	2·5	9·6	10·1	9·1	74	69	82	...	...
July	987·6	15·7	57·4	60·4	53·6	63·3	47·1	55·2	76	23rd	33	6th	53	10th	59	30th	3·3	4·5	1·6	13·0	13·4	12·6	80	75	90	...	...
Aug.	984·3	12·2	57·9	62·8	54·7	65·1	47·8	56·5	78	5th	34	29th	55	28th	57	13th	2·9	5·1	1·8	13·5	14·0	12·8	83	73	88	...	...
Sept.	988·7	17·3	52·0	55 8	48·9	57·9	43·3	50·6	69	7th	32	16th	47	30th	55	7th	2·4	4·0	1·6	11·2	11·6	10·6	84	77	89	...	...
Oct.	976·9	05·4	45·3	48·9	44·1	51·1	38·3	44·7	59	12th	20	17th	44	17, 21	53	4th	1·4	2·5	1·5	9·5	9·9	8·9	89	83	88	...	...
Nov.	974·8	03·6	42·1	43·7	41·7	46·2	37·2	41·7	55	12th	24	27th	37	17th	51	11th	1·3	1·8	1·4	8·4	8·5	8·1	90	87	88	...	...
Dec.	972·9	02·0	33·6	36·1	34·5	38·5	29·5	34·0	50	31st	17	5th	31	19th	45	31st	0·9	1·0	0·7	6·1	6·5	6·3	90	89	91	...	...
Year	981·2	09·9	45·1	48·1	43·1	50·6	37·6	44·1	78	...	11	...	31	...	59	...	2·2	3·3	1·5	9·0	9·3	8·6	84	79	87	...	...

* The Hygrometrical Results are obtained from the Daily Values.

In the column for pressure at station level the first figure is omitted if it is a 1; for pressure at sea level the initial 9 or 10 is omitted.

CASTLEBAY, HEBRIDES.

Heights above Ground: h_t = 4 ft.; h_r = 1 ft.; h_s = 4 ft. Observations at 7 h., 13 h., 21 h. Temps. for 24 hours ending 7 h. Time G.M.T.

1916.	Rainfall. Total.	Rainfall. Max.	Rainfall. Day.	Bright Sunshine. Daily Mean.	Bright Sunshine. Total.	Bright Sunshine. Per cent.	Amount of Cloud, 0—10. 7 h.	13 h.	21 h.	Number of days of Clear Sky.	Overcast.	Weather, Number of Days of Precipitation.	Precipitation 0·04 or more.	Snow.	Snow lying.	Hail.	Thunder Storm.	Fog.	Ground Frost.	Gale. Force 8 or more.	Wind, Number of Observations for the month. Wind Force 8 and above.	Strong Wind (4–7).	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	in.	mm.	hr.	hr.	%																										
Jan.	3·09	78	23rd	0·48	15	7	8·2	8·7	8·4	0	19	28	25	0	...	4	0	0	...	5	6	76	1	1	0	0	5	16	33	27	10
Feb.	4·11	104	3rd	3·17	92	34	6·4	6·1	6·2	1	7	24	20	5	...	12	0	0	...	6	4	44	5	12	13	3	4	5	12	24	9
March	0·89	23	10th	4·00	124	34	6·8	6·8	5·3	1	7	15	11	8	...	8	0	0	...	1	1	44	2	25	20	11	4	5	6	6	14
April	2·80	71	16th	5·10	153	36	7·5	7·1	6·5	3	12	23	20	1	...	3	0	2	...	0	0	53	5	11	4	3	3	13	17	20	14
May	4·28	109	31st	5·87	182	36	7·4	7·5	7·3	1	14	21	16	0	...	0	0	4	...	0	0	46	3	10	8	11	12	13	16	11	9
June	2·02	51	22nd	7·40	222	42	7·0	7·0	5·9	1	9	16	10	0	...	0	0	2	...	0	0	39	1	19	7	6	2	3	5	15	32
July	2·65	67	8th	3·71	115	22	9·0	7·5	8·3	0	20	19	13	0	...	0	0	7	...	0	0	23	8	12	7	5	5	5	16	20	15
Aug.	2·68	68	25th	5·61	174	38	7·3	6·5	7·5	3	13	16	11	0	...	0	0	5	...	0	0	38	8	13	10	15	9	8	8	9	13
Sept.	1·60	41	16th	3·07	92	24	7·8	8·3	7·4	0	16	20	14	0	...	1	0	5	...	0	0	48	3	7	5	17	3	10	10	18	17
Oct.	4·11	104	13th	2·19	68	22	7·6	7·7	6·7	1	14	27	20	0	...	1	0	0	...	5	2	56	2	5	9	11	7	17	16	22	4
Nov.	5·22	132	3rd	0·50	15	6	8·8	8·6	7·9	0	20	28	23	0	...	3	1	0	...	2	3	59	1	3	5	8	10	9	23	21	10
Dec.	4·67	119	20th	0·71	22	11	7·1	7·2	6·7	0	10	27	25	3	...	5	0	0	..	0	0	43	3	12	15	10	3	7	16	17	10
Year	38·12	967	...	3·48	1274	29	7·6	7·4	7·0	11	161	264	208	17	...	37	1	25	...	19	16	569	42	130	103	100	67	111	178	210	157

ABERDEEN OBSERVATORY, a, e.

Heights above Ground: h_t = 41 ft.; h_r = 2 ft.; h_s = 75 ft.; h_a = 72 ft. Observations at 9 h., 15 h., 21 h. Temps. for 24 hours ending 24 h. Time G.M.T.

Jan.	0·96	24	4	17th	2·42	75	33	9 h. 8·4	15 h. 8·3	21 h. 8·6	1	23	28	25	1	0	1	0	3	...	11	5	65	5	2	1	0	2	21	44	12	6
Feb.	2·13	54	11	15th	2·93	85	32	6·3	5·8	4·9	2	7	20	12	10	0	5	0	0	...	0	0	39	6	5	7	12	3	14	19	10	11
March	2·25	57	7	25th	2·58	80	22	7·5	7·8	7·7	0	14	27	18	20	6	4	0	1	...	0	0	35	6	10	13	17	6	3	7	10	21
April	2·62	67	13	16th	5·20	156	37	6·4	6·6	6·3	4	12	20	14	0	0	3	0	0	...	0	0	25	13	3	13	2	9	17	9	11	13
May	3·34	85	27	5th	5·26	163	32	6·8	7·0	6·5	3	12	15	11	1	0	1	1	0	...	0	0	4	12	10	3	9	21	21	4	4	9
June	4·65	118	36	24th	3·30	99	19	8·7	8·2	8·0	0	19	20	18	0	0	0	0	1	...	0	0	32	10	15	4	3	7	6	1	10	34
July	3·21	82	18	7th	3·94	122	23	7·3	7·1	8·1	1	19	19	13	0	0	0	1	0	...	0	0	8	27	5	6	12	9	15	3	4	12
Aug.	3·43	87	49	25th	3·74	116	25	7·1	6·9	7·7	2	15	14	9	0	0	0	0	4	...	0	0	3	22	11	10	8	7	13	4	3	15
Sept.	1·71	43	14	3rd	3·93	118	31	6·4	7·5	6·6	3	12	14	10	0	0	1	0	1	...	0	0	19	11	7	4	6	10	15	9	5	23
Oct.	3·65	93	15	5th	2·65	82	26	5·8	6·7	6·7	1	8	20	17	1	0	0	0	0	...	0	0	23	10	1	1	5	12	25	21	9	9
Nov.	3·26	83	17	4th	1·23	37	16	6·6	7·6	6·6	2	12	18	14	1	0	5	0	0	...	2	0	29	17	1	1	8	13	26	16	2	6
Dec.	4·38	111	16	9th	0·81	25	12	6·6	7·0	5·6	1	11	25	19	4	0	4	0	1	...	0	0	15	23	3	1	4	5	14	17	10	16
Year	35·59	904	49	...	3·16	1158	26	6·7	6·9	6·6	25	146	224	163	38	6	24	2	8	...	3	0	274	160	71	63	86	104	189	148	99	178

ESKDALEMUIR OBSERVATORY, DUMFRIESSHIRE.

Heights above Ground: h_t = 2 ft. 8 ins.; h_r = 1 ft.; h_s = 4 ft. 11 ins.; h_a = 49 ft. Observations at 9 h., 15 h., 21 h. Temps. for 24 hours ending 24 h. Time G.M.T.

Jan.	10·28	261	30	20th	0·90	28	12	9 h. 8·4	15 h. 8·3	21 h. 8·6	1	23	28	25	1	0	1	0	3	...	11	5	65	5	2	1	0	2	21	44	12	6
Feb.	6·48	165	30	5th	2·31	67	24	8·8	7·7	6·6	0	14	23	20	19	8	4	0	0	...	4	3	58	11	4	22	2	1	13	20	9	5
March	2·57	65	14	16th	2·97	92	25	8·0	8·3	7·5	0	19	22	14	19	13	0	0	1	...	1	1	61	8	17	46	3	0	2	11	4	2
April	5·31	135	28	24th	4·50	135	32	7·0	7·6	6·8	1	11	18	18	2	1	4	0	1	...	2	3	49	12	5	13	1	2	17	15	16	9
May	5·57	142	29	31st	4·90	152	31	7·6	7·9	6·5	1	17	21	17	2	0	1	1	2	...	1	0	37	21	1	15	3	1	19	17	12	4
June	3·40	86	28	24th	5·17	155	30	7·7	7·4	6·6	2	11	16	10	0	0	2	3	1	...	0	0	34	7	16	14	1	1	7	7	23	14
July	6·13	156	53	7th	4·03	125	24	7·9	8·3	7·9	1	21	18	15	0	0	0	3	2	...	0	0	13	27	7	5	3	1	6	17	20	7
Aug.	4·74	120	35	25th	4·68	145	32	7·8	6·9	7·0	3	16	16	12	0	0	0	4	3	...	0	0	21	31	5	14	2	0	15	16	7	3
Sept.	2·77	70	21	3rd	3·67	110	29	7·4	7·9	6·2	0	12	17	11	0	0	0	1	0	...	0	0	32	21	7	13	3	1	10	13	13	9
Oct.	10·45	266	37	10th	2·10	65	20	8·4	8·0	6·5	1	16	26	22	0	0	0	0	1	...	2	1	39	15	5	5	4	8	17	27	10	2
Nov.	6·71	170	27	24th	1·03	31	13	8·0	8·3	8·2	0	18	26	19	2	1	0	0	3	...	4	0	52	13	0	7	2	9	17	33	5	4
Dec.	5·52	140	41	28th	1·26	39	18	7·8	7·6	6·5	3	14	22	19	10	10	0	0	7	...	0	0	29	35	12	4	1	4	13	11	7	6
Year	69·93	1776	53	...	3·13	1144	26	7·9	7·9	7·1	13	192	253	202	55	33	12	12	24	...	25	13	490	206	81	159	25	30	157	231	138	71

H refers to rain-gauge site and H_b to barometer cistern; h_t refers to bulbs of thermometers, h_r to rain-gauge rim, h_s to sunshine recorder, and h_a to vane or cups of anemometer.

HUDDERSFIELD, YORKSHIRE.*

Lat. 53° 39′ N. Long. 1° 47′ W. Heights above Mean Sea Level: Rain-gauge Site, H = 409 ft.; H_b = 411 ft.

1916.	Mean Air Pressure. Station Level.	Mean Air Pressure. Mean Sea Level.	Air Temperature in Degrees Fahrenheit. 9 h.	15 h.	21 h.	Means of Max.	Means of Min.	Max. and Min. combined.	Absolute Extremes. Highest Max.	Day.	Lowest Min.	Day.	Lowest Max.	Day.	Highest Min.	Day.	Humidity. Depression of Wet Bulb. 9 h.	15 h.	21 h.	Vapour Pressure. 9 h.	15 h.	21 h.	Percentage. 9 h.	15 h.	21 h.	Earth Temp. At 1 foot.	At 4 feet.
	mb.	mb.	°F.	°F.	°F.	°F.	°F.	°F.	°F.		°F.		°F.		°F.		°F.	°F.	°F.	mb.	mb.	mb.	%	%	%	°F.	°F.
Jan.	001·9	17·2	44·3	46·7	44·8	49·8	40·4	45·1	55	1, 4, 6	32	14th	44	8th	45	10, 29, 31	1·5	2·3	1·8	8·8	9·1	8·8	88	83	87	41·7	42·4
Feb.	991·3	06·9	35·8	38·7	36·8	41·7	33·4	37·6	51	16th	28	20th	33	26th	40	3rd	1·0	1·9	1·1	6·5	6·8	6·7	90	85	90	37·5	41·8
March	991·2	06·6	36·0	38·5	35·5	40·0	32·5	36·3	54	31st	28	6, 23	34	8, 11	41	31st	1·2	2·1	1·1	6·5	6·6	6·3	90	84	89	36·3	39·8
April	995·9	11·1	45·1	51·1	43·6	53·3	38·0	45·7	68	26, 27	30	2, 6	44	6, 20	50	25th	2·8	5·8	2·0	8·2	8·4	8·2	80	66	85	43·6	40·8
May	997·8	12·8	53·4	57·3	49·6	59·9	43·6	51·8	78	20, 21	36	4th	44	5, 6	53	19, 20	4·1	5·9	2·5	10·5	10·8	10·2	75	68	83	51·5	45·7
June	997·1	12·2	52·5	56·4	50·1	59·1	45·9	52·5	71	17th	37	17th	49	13th	53	23rd	3·8	4·7	2·5	10·2	11·3	10·2	76	73	83	53·9	49·8
July	001·4	16·3	58·9	64·9	57·8	67·0	52·3	59·7	78	26, 27	44	6th	59	10, 11, 17	62	21, 31	3·4	6·1	2·4	13·6	14·3	13·9	80	68	85	59·1	52·5
Aug.	997·9	12·6	61·3	66·7	58·8	69·1	53·8	61·5	79	5, 9	45	31st	59	29th	61	13th	4·1	7·2	2·8	14·2	14·2	14·0	78	65	84	62·7	57·3
Sept.	002·2	17·2	53·3	59·4	53·2	61·2	47·9	54·6	70	7th	38	24th	52	30th	55	8th	2·1	4·9	1·8	12·0	12·5	12·2	86	73	88	55·4	55·7
Oct.	992·4	07·4	48·5	53·2	49·0	55·4	44·0	49·7	67	6th	30	21, 22	46	22nd	57	14th	1·5	3·1	1·6	10·6	11·3	10·7	90	80	89	49·8	52·9
Nov.	990·2	05·4	43·3	45·3	43·2	48·0	39·7	43·9	57	11, 24	30	28th	36	18th	50	11th	1·4	2·0	1·4	8·5	8·9	8·6	89	85	89	43·0	47·7
Dec.	987·2	02·6	35·1	38·4	36·1	40·1	32·1	36·1	52	29th	21	20th	34	11, 19	47	29th	0·9	1·3	1·2	6·4	7·1	6·6	91	89	88	36·3	43·5
Year	995·5	10·7	47·3	51·4	46·5	53·7	42·0	47·9	79	...	21	...	33	...	62	...	2·3	3·9	1·9	9·7	10·1	9·7	84	77	87	47·6	47·6

YARMOUTH (GORLESTON) a.

Lat 52° 35′ N. Long. 1° 43′ E. Heights above Mean Sea Level: Rain-gauge Site, H = 13 ft.; H_b = 16 ft.

			7 h.	13 h.	21 h.												7h.	13h.	21h.	7h.	13h.	21h.	7h.	13h.	21h.		
Jan.	019·5	20·0	43·1	46·2	44·4	48·9	39·3	44·1	56	1, 2	32	12th	40	31st	44	1, 2, 22	1·4	2·1	1·7	8·4	9·0	8·7	89	86	88	43·3	46·0
Feb.	007·1	07·6	38·5	41·2	38·5	44·2	34·2	39·2	54	15, 16	29	9, 10	34	24th	43	4th	1·3	1·9	1·2	7·0	7·4	7·1	89	85	90	39·8	44·3
March	004·5	04·9	37·0	41·0	38·6	42·5	34·2	38·4	56	31st	27	3rd	36	6, 10, 23	41	20th	0·5	1·4	0·8	7·1	7·6	7·4	96	89	94	40·1	42·7
April	011·4	11·8	42·7	48·9	44·0	51·7	38·7	45·2	58	12, 23	33	8, 16	45	7th	47	28th	1·2	3·0	1·6	8·4	9·3	8·6	90	80	87	46·9	46·0
May	013·2	13·6	50·8	54·6	51·1	58·2	46·9	52·6	74	21st	38	9th	50	2, 8, 9	58	22nd	1·4	3·0	1·5	11·4	11·7	11·4	90	81	89	54·4	51·3
June	012·0	12·4	51·4	56·6	51·3	59·2	47·4	53·3	67	25th	40	20th	51	12, 17	55	23, 24	2·0	5·2	2·2	11·1	10·8	10·9	87	69	85	55·2	55·5
July	016·7	17·1	55·6	61·2	56·5	64·0	52·7	58·4	76	30, 31	48	1, 2	58	22nd	57	31st	1·7	4·6	1·8	13·3	13·4	13·6	88	74	88	59·5	55·8
Aug.	013·2	13·6	58·1	64·7	58·8	67·2	54·5	60·9	77	3rd	44	31st	57	30th	60	14, 25	1·7	5·1	2·0	14·7	14·9	14·7	88	72	88	61·7	57·8
Sept.	016·3	16·7	53·6	60·2	54·7	62·0	49·3	55·7	70	1st	39	15th	56	20th	59	9th	1·4	4·2	1·9	12·6	13·3	12·6	90	75	88	57·9	57·3
Oct.	010·6	10·9	50·8	56·1	52·4	58·2	47·2	52·7	69	12, 13	35	17, 18	49	20th	57	5th	1·8	3·2	2·0	11·0	12·3	11·5	87	79	87	53·1	55·3
Nov.	007·7	08·2	43·7	48·4	44·5	50·1	40·6	45·4	62	11th	29	28, 29	40	30th	47	8, 12, 13	1·0	2·3	0·9	8·9	9·6	9·2	92	84	93	45·9	50·0
Dec.	002·4	02·9	38·1	40·8	38·2	42·9	34·4	38·7	55	29th	27	20th	30	18th	46	30th	0·5	1·0	0·8	7·4	7·9	7·2	95	92	94	39·5	48·1
Year	011·2	11·6	47·0	51·7	47·8	54·1	43·3	48·7	77	...	27	...	30	...	60	...	1·3	3·1	1·5	10·1	10·6	10·2	90	81	89	49·6	50·3

RICHMOND, SURREY (KEW OBSERVATORY),* a, e.

Lat. 51° 28′ N. Long. 0° 19′ W. Heights above Mean Sea Level: Rain-gauge Site, H = 18 ft.; H_b = 34 ft.

			9 h.	15 h.	21 h.												9h.	15h.	21h.	9h.	15h.	21h.	9h.	15h.	21h.		
Jan.	021·6	22·8	45·1	49·1	46·0	50·4	41·2	45·8	56	1st	27	23rd	42	14th	49	1st	1·6	3·2	1·9	9·1	9·3	9·2	88	78	86	43·5	45·3
Feb.	007·2	08·5	39·6	43·2	39·4	44·8	35·6	40·2	53	16th	27	25th	35	25th	45	3rd	2·2	4·2	2·0	7·0	6·8	6·9	84	71	83	40·5	45·2
March	003·4	04·7	38·8	43·5	38·8	45·0	34·9	40·0	56	19th	28	9th	37	10th	45	16th	1·8	3·4	1·4	6·9	7·3	7·1	84	75	87	39·7	43·9
April	011·5	12·8	48·0	55·0	47·8	56·5	40·3	48·4	73	27th	32	1st	46	6th	52	28th	3·9	7·7	3·9	8·5	8·6	8·3	74	59	74	46·2	45·3
May	012·5	13·7	56·8	63·1	54·9	64·6	46·2	55·4	78	21st	37	9th	49	8th	51	12, 25	4·6	8·1	4·0	11·5	11·7	11·1	73	61	76	54·9	50·7
June	012·5	13·8	54·9	59·2	53·6	61·7	47·8	54·8	69	25th	41	17th	50	12th	55	23rd	4·7	6·3	3·2	10·5	11·1	11·2	72	66	80	56·3	54·0
July	016·4	17·6	60·6	67·5	61·2	68·9	52·9	60·9	80	30th	46	4th	59	23rd	58	17th	4·5	8·3	3·8	13·4	13·7	14·2	75	61	78	60·3	57·0
Aug.	012·7	13·8	63·1	69·4	62·1	71·4	55·8	63·6	82	1st	45	31st	60	30th	62	13th	4·6	8·1	3·6	14·5	14·8	15·0	74	62	80	63·0	59·0
Sept.	016·3	17·5	55·6	62·2	54·9	63·1	49·3	56·2	69	1, 26	37	22nd	54	20th	57	9th	2·7	6·3	2·4	12·5	12·7	12·5	82	67	85	57·4	57·0
Oct.	010·8	12·0	52·9	57·4	52·2	58·6	47·5	53·1	66	4, 5, 13	30	21st	48	21st	61	6th	2·4	4·9	2·0	11·7	11·7	11·7	84	71	87	53·2	55·3
Nov.	007·5	08·7	43·7	47·8	43·5	49·1	38·7	43·9	58	11th	26	28th	36	18th	49	5th	1·4	2·8	1·6	8·8	9·2	8·7	89	80	88	44·8	50·0
Dec.	003·1	04·3	36·5	39·2	37·0	41·2	32·7	37·0	54	29th	24	17th	29	27th	49	29th	0·9	1·6	1·2	6·8	7·1	6·8	91	86	89	37·6	44·4
Year	011·3	12·5	49·6	54·7	49·3	56·3	43·6	50·0	82	...	24	...	29	...	62	...	2·9	5·4	2·6	10·1	10·3	10·2	81	70	83	49·8	50·5

* The Hygrometrical Results are obtained from the Daily Values.

In the column for pressure at station level the first figure is omitted if it is a 1; for pressure at sea level the initial 9 or 10 is omitted.

HUDDERSFIELD, YORKSHIRE.

Heights above Ground: h_t = 4 ft.; h_r = 1 ft.; h_s = 8 ft. 6 ins. Observations at 9 h., 15 h., 21 h. Temps. for 24 hours ending 21 h. Time G.M.T.

1916.	Rainfall. Total.		Max.	Day.	Bright Sunshine. Daily Mean.	Total.	Per cent.	Amount of Cloud, 0—10. 9 h.	15 h.	21 h.	Number of days of. Clear Sky.	Overcast.	Weather, Number of days of. Precipitation.	Precipitation 0·04 or more	Snow.	Snow lying.	Hail.	Thunder Storm.	Fog.	Ground Frost.	Gale. Force 8 or more.	Wind, Number of Observations for the month. Wind Force 8 and above.	Strong Wind (4—7).	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	in.	mm.	mm.		hr.	hr.	%																									
Jan.	3·56	91	20	1st	1·16	36	15	7·1	7·2	6·9	1	13	18	14	0	0	1	1	0	3	4	5	37	10	0	0	0	1	9	18	44	11
Feb.	6·18	157	19	15th	1·54	39	14	7·5	7·9	7·1	1	14	27	24	15	8	2	1	3	11	2	0	24	12	7	13	2	4	9	10	17	13
March	4·59	117	16	15th	1·65	51	14	7·7	9·0	8·1	0	20	21	18	12	9	0	0	5	14	0	0	14	6	14	34	12	0	1	6	9	11
April	2·16	55	9	17th	5·60	168	40	5·8	5·7	4·9	4	7	16	11	1	0	0	1	0	9	0	0	13	20	4	2	6	3	2	7	25	21
May	2·72	69	17	4th	4·68	145	30	6·2	8·0	5·2	1	10	16	12	0	0	0	5	0	1	0	0	6	12	3	10	9	5	9	14	23	8
June	2·06	52	11	1st	3·97	119	24	8·2	7·8	7·8	0	16	17	12	0	0	0	2	0	0	0	0	11	3	11	9	1	1	10	9	29	17
July	1·90	48	14	12th	5·52	171	34	7·2	6·5	6·1	2	12	15	10	0	0	0	2	0	0	0	0	9	12	4	3	10	3	5	11	27	18
Aug.	1·98	50	17	16th	4·84	150	33	6·8	6·1	6·3	2	12	12	9	0	0	0	3	0	0	0	0	5	20	5	7	4	2	7	9	27	12
Sept.	1·30	33	9	17th	3·50	105	28	6·4	6·4	6·3	1	11	10	6	0	0	0	1	4	0	0	0	15	23	11	6	7	2	5	9	14	13
Oct.	6·64	169	24	30th	2·35	73	23	7·4	7·5	6·8	1	17	25	23	0	0	1	2	2	7	4	3	24	12	1	2	6	14	9	19	26	4
Nov.	3·63	92	23	18th	1·00	30	12	7·1	7·5	6·7	2	14	14	11	2	2	0	0	1	6	0	0	19	11	0	5	7	11	10	18	21	7
Dec.	3·02	77	14	29th	0·48	15	7	7·5	7·3	4·6	3	10	20	17	6	6	0	0	5	20	0	0	6	30	1	5	4	3	2	9	26	13
Year	39·74	1010	24	...	3·01	1102	25	7·1	7·2	6·4	18	156	211	167	36	25	4	18	20	71	10	8	183	171	61	96	68	49	78	139	288	148

YARMOUTH (GORLESTON) NORFOLK.

Heights above Ground: h_t = 4 ft.; h_r = 1 ft. Observations at 7 h., 13 h., 21 h. Temps. for 24 hours ending 7 h. Time G.M.T.

								7 h.	13 h.	21 h.																						
Jan.	1·52	39	12	2nd	1·87	58	23	6·1	6·9	7·2	0	8	12	11	0	...	0	0	5	...	0	3	37	0	6	2	0	0	6	31	30	18
Feb.	3·41	87	16	11th	2·52	73	26	6·8	6·9	5·7	0	4	20	19	6	...	2	0	1	...	3	8	37	1	8	5	12	13	8	17	13	10
March	2·88	73	16	27th	2·19	68	19	7·1	7·7	7·4	0	12	19	16	8	...	0	0	8	...	1	1	42	3	6	16	22	19	3	7	12	5
April	2·02	51	14	12th	6·77	203	49	5·4	4·9	4·9	4	3	12	10	1	...	0	1	3	...	0	0	25	4	12	13	8	3	8	12	11	19
May	2·02	51	22	22nd	6·32	196	40	5·8	6·0	5·9	2	5	11	9	0	...	0	5	4	...	0	0	24	4	7	9	10	14	16	14	8	11
June	2·86	73	17	12th	4·93	148	30	6·8	7·4	7·2	0	8	18	16	0	...	0	7	0	...	0	1	25	5	15	16	0	1	4	18	14	17
July	1·19	30	5	7, 10, 16	4·61	143	29	6·7	6·4	7·5	0	7	13	8	0	...	0	2	8	...	0	0	11	9	11	20	7	8	10	5	14	9
Aug.	1·92	49	13	29th	5·32	165	37	6·3	6·0	6·2	0	4	13	9	0	...	0	5	5	...	0	2	16	6	11	13	5	7	10	20	11	10
Sept.	1·50	38	6	17th	4·37	131	35	6·5	6·1	5·6	0	4	17	12	0	...	0	1	3	...	0	0	26	5	18	17	9	9	5	5	7	15
Oct.	2·88	73	12	30th	2·84	88	27	6·1	6·6	6·0	0	3	20	16	0	...	0	0	0	...	1	3	47	2	1	4	2	6	15	23	24	16
Nov.	2·32	59	14	18th	2·63	79	31	6·5	6·0	5·2	0	2	11	10	1	...	0	0	4	...	3	10	37	2	4	3	2	10	10	21	22	16
Dec.	3·18	81	10	10, 21, 23	0·97	30	13	7·9	7·5	6·4	0	8	20	19	1	...	0	0	11	...	1	1	32	5	8	5	6	8	8	13	13	27
Year	27·70	704	22	...	3·78	1382	31	6·5	6·5	6·3	6	68	186	155	17	...	2	21	52	...	9	29	359	46	107	123	83	98	103	186	179	173

RICHMOND, SURREY (KEW OBSERVATORY).

Heights above Ground: h_t = 10 ft.; h_r = 1 ft. 9 ins.; h_s = 47 ft.; h_a = 70 ft. Observations at 9 h., 15 h., 21 h. Temps. for 24 hours ending 24 h. Time G.M.T.

								9 h.	15 h.	21 h.																						
Jan.	1·20	31	10	2nd	1·45	45	18	8·8	7·8	6·6	1	18	14	7	0	0	1	0	3	7	0	0	32	15	0	0	1	0	12	39	18	8
Feb.	3·14	80	11	25th	2·59	75	26	8·4	8·0	6·5	2	18	19	17	9	3	2	0	4	12	0	0	29	4	8	10	9	4	10	18	19	5
March	3·95	100	24	27th	1·90	59	16	9·0	8·9	7·2	0	22	21	14	9	4	4	0	10	12	0	0	27	12	20	24	11	3	6	10	4	3
April	1·02	26	6	18th	6·23	187	45	6·4	5·2	3·7	4	8	10	7	1	0	4	0	4	12	0	0	26	10	13	8	8	0	8	15	11	17
May	1·66	42	11	1st	6·00	186	39	6·9	7·1	4·8	1	11	10	9	0	0	0	3	3	2	0	0	13	15	2	9	5	6	20	16	13	7
June	2·16	55	9	10th	4·73	142	29	8·7	8·4	6·2	1	16	15	13	0	0	3	5	0	0	0	0	11	10	12	5	3	2	11	20	17	10
July	1·39	35	11	6th	5·16	160	33	7·8	6·2	7·4	2	15	11	7	0	0	0	1	3	0	0	0	4	24	5	13	3	3	7	17	11	10
Aug.	4·06	101	29	29th	5·23	162	36	6·9	6·8	5·9	1	9	17	13	0	0	0	6	0	0	0	0	7	22	6	9	4	3	9	23	8	9
Sept.	1·54	39	9	3rd	3·37	101	27	8·8	7·4	4·6	1	10	10	8	0	0	0	1	8	0	0	0	7	23	16	14	9	1	5	3	14	5
Oct.	3·67	93	14	17th	2·94	91	28	7·4	7·6	5·8	3	14	22	16	0	0	0	1	3	5	0	0	41	14	1	3	5	7	12	39	8	4
Nov.	3·91	99	17	18th	2·33	70	27	7·3	6·9	6·1	2	13	14	9	2	0	1	2	9	9	0	0	25	15	2	4	5	6	19	26	12	1
Dec.	2·26	57	10	20th	0·65	20	8	9·0	8·4	6·9	1	19	21	11	3	1	0	0	17	21	0	0	7	31	13	2	4	4	5	15	10	9
Year	29·90	758	29	...	3·55	1298	29	8·0	7·4	6·0	19	173	184	131	24	8	15	19	64	80	0	0	229	195	98	101	67	39	124	241	145	88

H refers to rain-gauge site and H_b to barometer cistern; h_t refers to bulbs of thermometers, h_r to rain-gauge rim, h_s to sunshine recorder, and h_a to vane or cups of anemometer.

FALMOUTH, CORNWALL,* a, e.

Lat. 50° 9′ N. Long. 5° 4′ W. Heights above Mean Sea Level: Rain-gauge Site, H = 167 ft.; H_b = 183 ft.

1916.	Mean Air Pressure. Station Level.	Mean Air Pressure. Mean Sea Level.	Air Temperature in Degrees Fahrenheit. 7 h.	13 h.	18 h.	Means of Max.	Means of Min.	Max. and Min. combined.	Absolute Extremes. Highest Max.	Day.	Lowest Min.	Day.	Lowest Max.	Day.	Highest Min.	Day.	Humidity. Depression of Wet Bulb. 7 h.	13 h.	18 h.	Vapour Pressure. 7 h.	13 h.	18 h.	Percentage. 7 h.	13 h.	18 h.	Earth Temp. At 1 foot.
	mb.	mb.	°F.	°F.	°F.	°F.	°F.	°F.	°F.		°F.		°F.		°F.		°F.	°F.	°F.	mb.	mb.	mb.	%	%	%	°F.
Jan.	017·6	24·3	47·7	50·3	47·9	51·2	44·3	47·8	56	1st	37	23rd	47	13, 31	50	22nd	1·4	2·8	1·6	10·2	10·1	10·1	91	81	89	47·7
Feb.	002·3	09·8	41·0	44·8	42·2	46·8	37·4	42·1	53	13th	28	25, 27	36	24th	47	19th	1·6	3·2	2·0	7·8	7·9	7·8	87	77	84	44·8
March	997·5	04·2	38·1	44·1	42·1	46·0	35·2	40·6	55	20th	28	5, 6	39	8, 10, 11	46	20th	1·2	3·2	2·2	7·1	7·6	7·6	89	78	83	45·3
April	008·3	14·8	44·5	52·7	49·8	54·1	41·2	47·7	65	28, 29, 30	35	1, 21	47	6th	51	30th	1·8	5·1	3·9	8·7	9·4	9·1	87	70	75	50·2
May	007·0	13·5	51·1	55·7	53·9	57·9	46·7	52·3	66	20th	39	8th	51	6, 7	53	20th	1·9	3·9	3·1	11·2	11·5	11·4	88	77	81	56·3
June	006·9	15·5	53·4	57·7	56·6	59·9	48·4	54·2	68	15, 18	40	8th	55	4th	54	27th	2·6	5·1	4·1	11·5	11·5	11·8	83	71	76	59·4
July	010·0	18·8	58·5	64·7	62·8	67·1	53·8	60·5	77	31st	49	5th	61	1, 6, 13	58	24, 28, 31	2·0	5·2	4·6	14·6	14·9	14·4	88	73	75	63·9
Aug.	007·8	14·4	59·7	67·1	64·8	69·6	56·5	63·1	80	6th	51	22nd	58	29th	61	13, 25	1·2	5·2	3·9	16·1	16·3	16·4	93	73	79	65·5
Sept.	011·7	18·3	55·1	61·5	58·8	63·3	52·0	57·7	69	7th	40	15th	59	19th	57	1, 13	1·4	4·0	2·7	13·5	14·3	14·1	91	77	83	61·9
Oct.	005·1	11·9	52·9	56·9	54·6	58·8	50·5	54·7	66	3rd	41	21, 26, 27	51	21st	59	3–6, 13	1·7	3·0	1·9	12·4	13·1	12·9	89	82	87	57·7
Nov.	000·9	07·8	46·0	49·4	46·8	51·3	42·2	46·8	57	10th	34	19, 28	42	18th	50	11, 24	1·2	2·6	1·8	9·7	9·9	9·6	91	82	87	49·5
Dec.	997·5	04·4	39·3	44·5	40·9	46·0	35·5	40·8	53	28, 29, 31	29	18, 19	39	13, 14	48	31st	1·1	2·2	1·4	7·5	8·4	7·8	90	84	88	44·4
Year	006·1	13·1	48·9	54·1	51·8	56·0	45·3	50·7	80	...	28	...	36	...	61	...	1·6	3·8	2·8	10·9	11·2	11·1	89	77	82	53·5

SOUTHPORT, LANCASHIRE,* a.

Lat. 53° 39′ N. Long. 2° 59′ W. Heights above Mean Sea Level: Rain-gauge Site, H = 37 ft.; H_b = 42 ft.

			9 h.	15 h.	21 h.												9 h.	15 h.	21 h.	9 h.	15 h.	21 h.	9 h.	15 h.	21 h.	
Jan.	016·4	17·9	45·7	47·7	46·5	49·8	42·5	46·2	55	1, 21	35	23rd	43	13th	48	11th	1·8	2·6	2·0	9·1	9·2	9·2	87	82	85	42·4
Feb.	005·6	07·2	38·5	41·7	39·0	43·8	35·2	39·5	52	5th	30	28th	37	25, 26	41	13th	1·9	2·9	2·1	6·7	7·1	6·7	84	78	82	38·5
March	005·3	06·8	38·2	41·1	37·4	42·7	34·1	38·4	51	19, 31	26	23rd	36	2, 23	43	31st	2·0	3·0	1·9	6·5	6·9	6·4	83	77	83	37·8
April	010·1	11·7	46·9	51·3	45·4	52·9	40·4	46·7	71	26th	27	2nd	45	20th	48	25th	3·0	5·1	2·3	8·7	8·9	8·7	80	70	84	47·1
May	011·5	13·0	53·9	56·1	50·7	59·1	44·8	52·0	78	19th	33	4th	48	9th	55	20th	4·3	5·1	2·3	10·6	10·8	10·8	75	71	85	54·3
June	011·5	12·9	54·0	57·4	52·4	58·9	48·3	53·6	68	23rd	38	16, 17	53	7th	54	22, 25	3·9	5·2	2·9	10·8	11·2	10·9	76	70	81	59·0
July	015·5	17·0	59·6	61·8	58·0	64·2	54·0	59·1	77	23, 24	46	6th	57	1st	61	31st	3·1	4·2	2·2	14·2	14·3	14·2	82	77	87	62·6
Aug.	011·7	13·1	62·4	65·8	59·8	67·5	54·5	61·0	77	1st	45	7th	60	18, 29	61	2, 12	4·1	5·5	2·3	14·8	15·2	15·1	77	71	86	64·3
Sept.	016·1	17·6	55·9	60·1	55·1	61·5	50·9	56·2	70	8th	40	24th	54	14th	57	1, 9, 13	2·8	4·6	1·9	12·7	13·2	13·1	83	74	87	57·8
Oct.	005·8	07·3	51·6	54·9	50·6	56·5	46·5	51·5	67	6th	34	21st	47	22nd	57	6, 12	2·3	3·8	2·0	11·3	11·5	11·0	85	77	86	51·0
Nov.	003·7	05·2	45·2	47·1	44·5	49·1	41·4	45·3	56	10, 23, 24	33	17th	37	18th	51	12th	2·1	2·5	1·6	8·9	9·2	8·9	85	83	88	43·4
Dec.	001·3	02·8	35·1	38·6	36·1	40·6	31·6	36·1	51	28th	23	17th	30	16th	44	30, 31	0·6	1·4	1·1	6·6	7·1	6·6	94	89	90	35·7
Year	009·5	11·0	48·9	52·0	48·0	53·9	43·7	48·8	78	...	23	...	30	...	61	...	2·7	3·8	2·1	10·1	10·4	10·1	83	77	85	40·5

CAHIRCIVEEN (VALENCIA OBSERVATORY),* a, e.

Lat. 51° 56′ N. Long. 10° 15′ W. Heights above Mean Sea Level: Rain-gauge Site, H = 30 ft.; H_b = 45 ft.

			9 h.	15 h.	21 h.												9 h.	15 h.	21 h.	9 h	15 h.	21 h.	9 h.	15 h.	21 h.	
Jan.	017·9	19·6	48·0	49·6	48·2	51·3	44·8	48·1	54	2nd	33	30th	48	15th	52	6th	1·4	1·8	1·4	10·3	10·6	10·2	90	88	89	...
Feb.	008·3	10·0	41·0	44·1	42·4	46·2	37·9	42·1	52	18th	30	28th	38	25th	48	18th	1·8	2·6	2·1	7·6	8·1	7·8	85	81	83	...
March	005·2	06·9	40·6	44·1	40·5	45·5	36·7	41·1	53	31st	28	5th	39	10th	47	20th	2·1	3·5	2·2	7·1	7·5	7·2	82	76	82	...
April	013·1	14·7	48·6	50·5	46·9	51·8	43·0	47·4	65	30th	31	6th	48	19th	52	30th	2·9	3·6	2·1	9·4	9·6	9·3	81	76	85	...
May	011·9	13·5	53·2	55·0	50·4	56·5	45·5	51·0	73	19th	39	10th	44	6th	55	19th	3·4	3·7	2·2	10·9	11·3	10·6	79	76	85	...
June	014·6	16·2	55·4	57·4	53·2	58·8	49·5	54·2	71	17th	44	8th	52	8th	54	22nd	3·8	4·7	3·0	11·5	11·7	11·1	77	73	80	...
July	017·8	19·4	60·1	63·0	57·9	64·8	53·4	59·1	71	23rd	48	18th	59	3rd	60	31st	2·9	4·0	2·1	14·6	15·1	14·2	83	77	86	...
Aug.	011·5	13·0	63·0	65·8	61·2	67·5	57·4	62·5	77	4th	50	21st	60	29th	62	1st	2·6	3·9	2·2	16·6	16·0	16·0	85	79	87	...
Sept.	017·2	18·8	58·1	60·8	57·7	61·9	54·0	58·0	67	7th	50	2, 15	57	15th	59	6th	2·3	3·8	2·7	14·0	14·1	13·6	85	78	84	...
Oct.	005·3	06·8	54·7	55·9	53·6	57·2	50·7	54·0	64	3rd	43	25th	49	27th	60	2nd	1·8	2·3	2·0	13·1	13·2	12·5	89	85	87	...
Nov.	002·6	04·3	47·7	48·9	46·8	50·7	43·5	47·1	56	10th	32	19th	42	18th	52	11th	2·0	2·1	1·7	9·7	10·0	9·6	86	85	87	...
Dec.	002·1	03·8	40·6	43·7	41·7	45·1	37·2	41·2	54	28th	27	17th	38	18th	51	31st	1·4	1·8	1·2	7·8	8·5	8·5	88	87	91	...
Year	010·6	12·3	50·9	53·2	50·0	54·8	46·1	50·5	77	...	27	...	38	...	62	...	2·4	3·2	2·1	11·1	11·4	10·9	84	80	86	...

* The Hygometrical Results are based on the Daily Values.

In the column for pressure at station level the first figure is omitted if it is a 1; for pressure at sea level the initial 9 or 10 is omitted.

FALMOUTH, CORNWALL, a, e.

Heights above Ground: h_t = 4 ft.; h_r = 2 ft.; h_s = 34 ft.; h_a = 41 ft. Observations at 7 h., 13 h., 18 h. Temps. for 24 hours ending 7 h. Time G.M.T.

1916.	Rainfall. Total.	Rainfall. Max.	Rainfall. Day.	Bright Sunshine. Daily Mean.	Bright Sunshine. Total.	Bright Sunshine. Per cent.	Amount of Cloud, 0—10. 7 h.	13 h.	18 h.	Number of days of Clear Sky.	Overcast.	Weather, Number of Days of Precipitation.	Precipitation 0·04 or more.	Snow.	Snow lying.	Hail.	Thunder Storm.	Fog.	Ground Frost.	Gale, Force 8 or more.	Wind, Number of Observations for the month. Wind Force 8 and above.	Strong Wind (4—7).	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	in.	mm.	mm.	hr.	hr.	%																									
Jan.	2·20	56	12	19th	1·71	53	20	7·6	7·2	6·4	2	14	21	16	0	0	0	0	0	3	3	0	35	9	3	0	0	0	13	30	24	14
Feb.	7·81	198	54	3rd	2·62	76	26	6·7	7·6	6·8	0	11	24	22	5	0	8	0	0	11	5	0	35	9	10	15	3	2	4	11	23	10
March	5·41	137	45	27th	3·84	119	33	7·6	6·8	5·7	1	11	18	17	7	0	6	1	0	18	1	0	18	7	21	22	13	8	2	3	8	9
April	1·48	38	6	19th	8·73	262	64	4·4	4·8	3·5	7	4	17	15	0	0	3	1	0	7	1	0	32	13	12	2	4	8	4	6	19	22
May	1·33	34	8	8th	5·42	168	35	6·7	6·7	6·5	2	13	15	10	0	0	2	0	3	0	0	0	10	23	7	5	5	5	4	16	11	17
June	2·11	54	14	29th	7·07	212	44	6·5	6·8	5·2	1	5	17	13	0	0	3	1	0	0	0	0	12	10	13	3	3	1	5	14	16	25
July	1·33	34	20	6th	8·74	271	56	4·8	5·1	3·6	8	5	9	7	0	0	0	0	2	0	0	0	9	14	25	1	0	4	4	12	19	14
Aug.	3·22	82	17	29th	6·87	213	48	6·3	6·0	5·1	5	9	14	13	0	0	0	0	3	0	1	0	12	16	8	2	5	7	8	21	10	16
Sept.	1·74	44	15	28th	4·57	137	37	6·9	6·0	6·1	1	8	9	7	0	0	0	2	1	1	0	0	8	30	12	2	7	10	4	1	8	16
Oct.	7·01	178	23	22nd	2·81	87	27	6·4	7·8	7·9	0	13	25	22	0	0	6	1	0	0	5	0	47	4	2	0	1	7	7	46	21	5
Nov.	8·39	213	28	6th	1·90	57	22	7·4	7·1	6·2	1	10	22	17	0	0	6	1	4	4	8	0	28	15	4	2	1	12	6	22	20	8
Dec.	6·29	160	32	9th	2·26	70	29	5·4	5·9	5·0	5	8	23	17	0	0	7	1	0	18	0	0	13	23	11	9	5	3	4	14	19	5
Year	48·32	1228	54	...	4·71	1725	39	6·4	6·5	5·7	33	111	214	176	12	0	41	8	13	62	24	0	259	173	128	63	47	67	65	196	198	161

SOUTHPORT, LANCASHIRE, a.

Heights above Ground: h_t = 4 ft.; h_r = 1 ft.; h_s = 17 ft.; h_a = 62 ft. Observations at 9 h., 15 h., 21 h. Temps. for 24 hours ending 9 h. Time L.M.T. (12 m. after G.M.T.)

									9 h.	15 h.	21 h.																						
Jan.	1·31	33	5	6th	1·29	40	16	8·2	8·1	7·9	0	19	16	11	0	0	1	0	0	2	9	6	67	3	0	1	0	10	15	30	28	6
Feb.	2·97	75	10	10th	2·62	76	27	7·2	8·4	6·2	0	11	21	17	4	1	8	2	1	12	7	5	54	0	6	22	6	7	9	13	18	6
March	2·09	53	14	20th	1·97	61	17	8·0	8·9	7·3	1	19	15	11	10	0	3	0	1	15	4	2	67	3	14	30	21	0	3	11	6	5
April	2·37	60	20	11th	6·40	192	46	6·5	5·9	4·4	4	7	14	13	0	0	0	1	1	5	4	1	57	2	4	4	7	7	8	14	26	18
May	2·45	62	15	12th	6·13	190	39	6·7	6·8	6·3	0	10	16	12	0	0	0	1	0	4	0	0	44	6	2	5	12	10	8	14	23	13
June	2·10	53	19	4th	6·17	185	37	7·8	6·6	7·8	3	18	13	11	0	0	1	1	1	0	0	0	58	0	8	6	4	5	5	9	33	20
July	1·05	27	7	1st	5·58	173	34	7·8	7·1	6·2	4	13	13	8	0	0	0	3	1	0	0	0	48	4	3	2	5	6	3	11	37	22
Aug.	3·53	90	22	14th	6·29	195	43	7·1	5·5	6·3	2	8	12	11	0	0	0	4	1	0	0	0	42	3	4	6	7	12	9	12	23	17
Sept.	2·54	65	20	17th	3·93	118	31	7·6	6·8	7·3	0	13	11	10	0	0	2	1	2	0	3	1	47	6	5	7	15	12	4	6	13	22
Oct.	5·74	146	43	13th	2·52	78	24	8·0	7·7	6·1	2	17	24	22	0	0	1	0	0	3	8	6	64	0	2	1	9	25	10	26	17	3
Nov.	2·59	66	8	6th	1·57	47	19	7·1	7·9	6·5	0	13	17	13	1	0	3	1	1	6	2	2	57	1	2	6	5	22	24	14	13	3
Dec.	2·54	64	13	28th	1·52	47	21	7·1	7·0	6·2	2	13	20	11	2	2	0	0	7	22	1	0	39	9	8	3	6	27	9	14	10	7
Year	31·28	794	43	...	3·83	1402	32	7·4	7·2	6·5	18	161	192	150	17	3	19	14	16	70	38	23	644	37	58	93	97	143	107	174	247	142

CAHIRCIVEEN (VALENCIA OBSERVATORY), a, e.

Heights above Ground: h_t = 4 ft.; h_r = 1 ft. 10 ins.; h_s = 42 ft.; h_a = 45 ft. Observations at 9 h., 15 h., 21 h. Temps. for 24 hours ending 24 h. Time G.M.T.

									9 h.	15 h.	21 h.																						
Jan.	3·83	97	11	20th	1·06	33	13	8·4	8·1	8·3	0	17	30	22	0	0	0	1	0	...	1	0	59	4	2	0	0	3	35	29	16	4
Feb.	6·18	157	18	2nd	2·86	83	29	7·4	8·1	6·5	0	13	22	18	8	1	9	1	0	...	3	0	61	3	10	18	2	2	13	17	16	6
March	2·00	51	8	1st	3·65	113	31	7·2	7·7	5·9	1	12	16	13	4	0	7	0	0	...	0	0	54	6	14	33	18	2	4	6	6	4
April	4·90	124	38	24th	5·17	155	38	7·7	6·7	6·7	1	10	22	19	0	0	4	0	0	...	0	0	52	6	7	6	4	5	14	12	22	14
May	3·93	100	17	23rd	7·00	217	45	7·4	6·6	6·8	1	12	21	14	0	0	1	1	0	...	0	0	40	7	11	4	3	7	21	12	18	10
June	2·57	65	15	21st	7·00	210	43	7·2	6·1	7·3	1	14	18	12	0	0	0	0	0	...	0	0	41	6	12	5	3	2	7	9	9	37
July	1·15	29	15	11th	6·06	188	38	8·3	6·5	6·4	0	13	16	8	0	0	0	0	0	...	0	0	19	23	9	1	0	1	9	9	22	19
Aug.	4·79	122	36	22nd	6·32	196	44	7·6	6·3	6·5	1	9	18	15	0	0	0	1	0	...	0	0	27	20	7	1	1	7	21	14	10	12
Sept.	1·85	47	10	10th	3·43	103	28	7·9	7·9	7·1	0	11	19	9	0	0	0	0	0	...	1	0	34	16	10	2	7	15	7	6	11	16
Oct.	10·72	273	51	21st	1·61	50	15	8·9	8·4	8·5	0	22	28	22	0	0	3	1	0	...	2	1	53	7	6	3	3	3	20	31	13	7
Nov.	8·98	228	55	16th	1·23	37	14	7·6	8·0	6·3	0	11	26	23	0	0	6	0	0	...	2	1	46	6	5	4	3	13	23	13	11	12
Dec.	5·37	136	23	19th	1·74	54	23	7·5	7·3	6·4	1	14	25	21	2	0	6	0	0	...	0	0	35	28	11	6	6	2	16	11	7	6
Year	56·27	1429	55	...	3·93	1439	33	7·8	7·3	6·9	6	158	261	196	14	1	36	5	0	...	9	2	521	132	104	83	50	62	190	169	161	147

H refers to rain-gauge site and H_b to barometer cistern; h_t refers to bulbs of thermometers, h_r to rain-gauge rim, h_s to sunshine recorder, and h_a to vane or cups of anemometer.

ARMAGH,* a.

Lat. 54° 21′ N. Long. 6° 39′ W. Heights above Mean Sea Level: Rain-gauge Site, H = 196 ft.; H_b = 202 ft.

1916.	Mean Air Pressure. Station Level.	Mean Air Pressure. Mean Sea Level.	Air Temperature in Degrees Fahrenheit. 9 h.	...	21 h.	Means of Max.	Means of Min.	Max. and Min. combined.	Absolute Extremes. Highest Max.	Day.	Lowest Min.	Day.	Lowest Max.	Day.	Highest Min.	Day.	Humidity. Depression of Wet Bulb. 9 h.	...	21 h.	Vapour Pressure. 9 h.	...	21 h.	Percentage. 9 h.	...	21 h.	Earth Temp. At 1 foot.	At 4 feet.
	mb.	mb.	°F.	°F.	°F.	°F.	°F.	°F.	°F.		°F.		°F.		°F.		°F.	°F.	°F.	mb.	mb.	mb.	%	%	%	°F.	°F.
Jan.	007·4	14·7	44·9	...	44·3	50·2	40·3	45·3	54	1, 2, 6, 19, 21	33	30th	45	13th	47	10th	1·4	...	1·8	9·1	...	8·6	89	...	87	43·4	44·9
Feb.	999·1	06·5	36·9	...	36·6	44·6	32·3	38·5	52	18, 19	27	21, 23, 28	35	8th	43	1st	1·4	...	1·3	6·6	...	6·5	88	...	87	39·6	41·5
March	000·4	07·6	38·9	...	35·7	44·0	32·7	38·4	56	31st	24	3, 4	38	8, 11, 12	44	31st	2·1	...	2·1	6·7	...	5·7	83	...	78	39·1	41·0
April	003·6	10·8	47·4	...	43·1	54·2	38·4	46·3	62	30th	28	6th	47	20th	47	27th	3·0	...	2·2	8·9	...	8·0	80	...	84	45·8	44·2
May	004·7	11·8	51·9	...	48·6	57·6	43·0	50·3	73	19th	32	9th	42	6, 7	56	20th	3·5	...	2·3	10·4	...	9·9	78	...	85	52·5	49·0
June	006·0	13·3	53·9	...	49·8	61·1	44·4	52·8	70	17th	36	14th	55	7, 8	53	22, 26	3·4	...	2·5	11·1	...	10·1	79	...	83	55·7	52·3
July	009·6	16·8	58·4	...	57·3	66·6	51·3	59·0	79	22, 23	43	18th	56	10th	60	21, 30	2·7	...	1·9	14·0	...	14·2	84	...	88	59·2	55·0
Aug.	004·7	11·8	60·2	...	57·8	68·7	52·8	60·8	76	5th	42	30th	62	28, 29	60	4, 12	2·4	...	2·2	15·1	...	14·1	85	...	86	63·0	58·8
Sept.	010·4	17·6	55·9	...	53·9	62·0	49·6	55·8	72	8th	40	10, 14	53	21, 30	58	6, 7	2·3	...	2·0	13·1	...	12·5	85	...	87	58·5	57·0
Oct.	997·1	04·2	50·2	...	48·6	55·3	44·9	50·1	66	3rd	37	27, 29, 30	45	29th	56	4th	1·6	...	1·6	11·2	...	10·5	89	...	89	53·2	54·8
Nov.	995·1	02·3	44·4	...	43·7	48·9	40·0	44·5	57	10th	31	27th	40	19, 27	53	11th	1·4	...	1·3	9·1	...	8·8	90	...	90	46·9	50·1
Dec.	994·3	01·7	35·8	...	36·8	41·6	32·7	37·2	53	28, 31	26	14, 16-19, 27	32	18th	50	31st	0·5	...	0·7	6·9	...	7·1	94	...	93	40·8	45·8
Year	002·7	09·9	48·2	...	46·4	54·6	41·9	48·3	79	...	24	...	32	...	60	...	2·1	...	1·8	10·2	...	9·7	85	...	86	49·8	48·8

In the column for pressure at station level the first figure is omitted if it is a 1; for pressure at sea level the initial 9 or 10 is omitted.

ARMAGH.

Heights above Ground: h_t = 4 ft.; h_r = 1 ft.; h_s = 50 ft.; h_a = 50 ft. Observations at 9 h., 21 h. Temps. for 24 hrs. ending 21 h. Time L.M.T. (25 m. after G.M.T.)

1916.	Rainfall. Total.	Rainfall. Max.	Rainfall. Day.	Bright Sunshine. Daily Mean.	Bright Sunshine. Total.	Bright Sunshine. Per cent.	Amount of Cloud, 0—10. 9 h.	...	21 h.	Number of Days of: Clear Sky.	Overcast.	Weather, Number of Days of: Precipitation.	Precipitation 0·04 or more.	Snow.	Snow lying.	Hail.	Thunder Storm.	Fog.	Ground Frost.	Gale. Force 8 or more.	Wind, Number of Observations reduced to a total of 93, 90 or 84 for the Month: Wind Force 8 and above.	Strong Wind (4—7).	Calm.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.
	in.	mm.	mm.		hr.	hr.	%																								
Jan.	2·97	76	16	26th	1·61	50	21	7·7	...	8·3	1	18	22	17	0	0	0	0	0	3	0	0	24	10	1	0	0	1	20	48	10
Feb.	3·40	86	11	3rd	3·00	87	31	6·9	...	6·8	0	9	20	20	6	2	0	0	0	15	0	0	17	15	1	17	2	0	10	32	7
March	1·35	34	7	26th	2·77	86	24	7·6	...	6·8	2	18	13	11	3	2	0	0	0	17	0	0	3	17	7	34	15	2	2	14	2
April	3·62	92	31	24th	4·77	143	34	7·9	...	5·8	3	15	18	15	0	0	0	0	0	7	0	0	8	24	6	6	1	2	8	19	14
May	6·19	157	41	5th	4·84	150	31	7·9	...	8·1	2	20	23	18	0	0	0	0	1	0	0	0	0	42	5	5	1	9	13	13	3
June	2·20	56	12	1st	5·30	159	31	8·1	...	6·3	3	17	14	12	0	0	0	1	0	0	0	0	1	59	8	3	1	3	4	5	5
July	1·68	43	12	12th	3·45	107	21	8·7	...	8·8	0	23	14	11	0	0	0	3	1	0	0	0	0	70	4	1	1	0	2	10	5
Aug.	3·33	85	20	13th	4·71	146	32	8·4	...	6·9	1	18	16	14	0	0	0	2	0	0	0	0	0	65	0	1	0	8	10	8	1
Sept.	0·87	22	9	17th	2·80	84	22	8·3	...	8·1	0	19	9	6	0	0	0	0	0	0	0	0	0	64	3	2	2	5	5	5	1
Oct.	5·45	138	18	6th	1·71	53	17	8·7	...	7·5	1	21	27	24	0	0	1	1	0	0	0	0	7	34	0	5	2	10	10	26	5
Nov.	3·53	90	17	4th	1·47	44	18	8·5	...	8·0	0	18	23	18	2	0	0	0	1	1	0	0	18	19	1	0	4	8	17	31	7
Dec.	2·41	61	16	28th	1·94	60	27	7·2	...	7·8	1	15	21	14	2	0	0	0	5	15	0	0	6	44	1	2	1	2	14	26	3
Year	37·00	940	41	...	3·19	1169	26	8·0	...	7·4	14	211	220	180	13	4	1	7	7	59	0	0	84	463	37	76	30	50	115	237	59

READING (UNIVERSITY COLLEGE), BERKS.

College Farm, Shinfield. Lat. 51° 25′ N. Long. 0° 57′ W. Height above M.S.L. 199 ft. Observations at 9 h.

1916.	Temp. Mean Maximum.	Temp. Mean Minimum.	Hygrometer.* Dry Bulb.	Hygrometer.* Wet Bulb.	Hygrometer.* Vapour Pressure.	Hygrometer.* Relative Humidity.	Rainfall.	Cloud Amount, 0—10.
	°F.	°F.	°F.	°F.	mb.	%	mm.	
Jan.	50·4	37·7	44·5	43·2	9·0	90	29	6·1
Feb.	44·3	31·5	37·9	36·7	7·0	88	95	5·7
March	44·1	31·2	37·7	36·3	6·8	86	123	8·1
April	57·4	36·2	47·9	44·3	8·7	76	22	3·0
May	64·0	42·5	55·5	52·0	11·8	79	45	6·0
June	61·5	43·5	54·9	50·7	10·9	74	54	8·2
July	69·1	48·4	60·6	56·5	13·6	76	28	6·3
Aug.	71·5	51·9	63·7	59·5	15·3	76	112	6·5
Sept.	63·4	46·1	55·5	53·2	13·0	85	41	8·0
Oct.	58·7	43·5	52·5	50·4	11·9	86	116	7·3
Nov.	49·4	35·0	43·4	42·0	8·8	89	95	7·2
Dec.	40·6	29·6	35·0	34·4	6·5	91	67	8·4
Year	56·2	39·8	49·1	46·6	10·3	83	827	6·7

University College. Lat. 51° 27′ N. Long. 0° 58′ W. Height above M.S.L. 152 feet. Observations taken at 9 h.

1916.	Temp. Mean Maximum.	Temp. Mean Minimum.	Hygrometer.* Dry Bulb.	Hygrometer.* Wet Bulb.	Hygrometer.* Vapour Pressure.	Hygrometer.* Relative Humidity.	Rainfall.	Cloud Amount, 0—10.	Earth Thermometers. 12 in.	Earth Thermometers. 24 in.
	°F.	°F.	°F.	°F.	mb.	%	mm.		°F.	°F.
Jan.	50·1	40·2	44·7	43·0	8·9	87	28	8·0	43·6	44·0
Feb.	43·6	33·9	38·6	36·8	7·0	85	100	6·6	39·9	41·3
March	44·7	33·9	38·4	36·8	6·9	85	123	8·2	39·4	40·5
April	58·5	39·1	49·0	44·9	8·8	74	15	4·9	46·1	46·2
May	65·4	45·5	56·8	52·4	11·7	74	54	6·6	54·7	53·8
June	62·5	46·1	55·2	50·1	10·4	70	47	8·4	56·6	56·3
July	70·7	52·8	61·4	57·1	14·0	76	22	7·3	60·4	59·5
Aug.	72·9	54·7	63·8	59·9	15·8	79	124	7·1	63·4	63·0
Sept.	64·1	49·0	55·7	53·0	12·6	83	40	7·4	58·7	58·8
Oct.	58·6	45·9	52·3	50·0	11·6	85	101	7·3	53·5	54·8
Nov.	48·7	36·7	43·0	41·5	8·6	88	100	6·9	44·7	46·6
Dec.	40·2	30·0	34·5	34·2	6·4	89	79	9·3	36·8	39·6
Year	56·7	42·3	49·5	46·6	10·2	81	833	7·3	49·8	50·4

Duration by Negretti and Zambra's Hyetograph 153 feet above Sea Level.

1916.	Rainfall.	Duration.	Rate per hour.	Number of Rain Days.	Rate per Rain Day.	Duration per Rain Day.
	mm.	hr.	mm.		mm.	hr.
Jan.	28	28·3	1·0	13	2·1	2·2
Feb.	100	93·5	1·1	22	4·5	4·2
March	123	127·6	1·0	20	6·1	6·4
April	15	22·2	0·7	9	1·7	2·5
May	54	46·2	1·2	14	3·9	3·3
June	47	42·9	1·1	16	2·9	2·7
July	22	11·7	1·9	7	3·1	1·7
Aug.	124	50·3	2·5	17	7·3	3·0
Sept.	40	31·4	1·3	14	2·9	2·2
Oct.	101	76·5	1·3	24	4·2	3·2
Nov.	100	77·6	1·3	14	7·1	5·5
Dec.	79	64·5	1·2	15	5·3	4·3
Year	833	672·7	1·2	185	4·5	3·6

* The Hygrometrical Results are obtained from the Daily Values.

METEOROLOGICAL OFFICE, SOUTH KENSINGTON,
April 23rd, 1917.