

STATIONS OF THE SECOND ORDER 1902.



M. O. No. 184.

OFFICIAL COPY.

Room 2

METEOROLOGICAL OBSERVATIONS

AT

STATIONS OF THE SECOND ORDER

For the Year 1902.

With Frontispiece Map.

Published by the Authority of the Meteorological Committee.



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MONTHLY AND YEARLY TABLES. (The figures under the months indicate the pages.)

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	YEAR.
Aberdeen	—	—	—	—	—	—	—	—	—	—	—	—	132
Armagh	9	20	30	41	51	62	72	83	93	104	114	125	172
Aysgarth (Yorkshire)	—	—	—	—	—	—	—	—	—	—	—	—	146
Belvoir Castle	—	—	—	—	—	—	—	—	—	—	—	—	154
Ben Nevis	—	—	—	—	—	—	—	—	—	—	—	—	134
Bennington	—	—	—	—	—	—	—	—	—	—	—	—	160
Berkhamsted	—	—	—	—	—	—	—	—	—	—	—	—	162
Bidston (Liverpool)	—	—	—	—	—	—	—	—	—	—	—	—	150
Birmingham (Edgbaston)	—	—	—	—	—	—	—	—	—	—	—	—	158
Birr Castle	11	21	32	42	53	63	74	84	95	105	116	126	176
Braemar	2	12	23	33	44	54	65	75	86	96	107	117	132
Bramley	—	—	—	—	—	—	—	—	—	—	—	—	164
Buxton	—	—	—	—	—	—	—	—	—	—	—	—	154
Cally	—	—	—	—	—	—	—	—	—	—	—	—	142
Cambridge	7	17	28	38	49	59	70	80	91	101	112	122	153
Cargen	—	—	—	—	—	—	—	—	—	—	—	—	142
Cheadle	—	—	—	—	—	—	—	—	—	—	—	—	154
Cheltenham	—	—	—	—	—	—	—	—	—	—	—	—	162
Churchstoke	6	17	27	38	48	59	69	80	90	101	111	122	156
Cockle Park (Morpeth)	4	14	25	35	46	56	67	77	88	98	109	119	140
Cronkbourne (Isle of Man)	5	15	26	36	47	57	68	78	89	99	110	120	146
Deerness (Orkney)	1	11	22	32	43	53	64	74	85	95	106	116	128
Dublin (Glasnevin Gardens)	—	—	—	—	—	—	—	—	—	—	—	—	174
" (City)	—	—	—	—	—	—	—	—	—	—	—	—	174
" (Phoenix Park)	10	21	31	42	52	63	73	84	94	105	115	126	174
Dundee	3	13	24	34	45	55	66	76	87	97	108	118	136
Dunrobin Castle	1	12	22	33	43	54	64	75	85	96	106	117	128
Durham	—	—	—	—	—	—	—	—	—	—	—	—	144
Eastbourne	—	—	—	—	—	—	—	—	—	—	—	—	168
Edgbaston (Birmingham)	—	—	—	—	—	—	—	—	—	—	—	—	158
Falmouth	—	—	—	—	—	—	—	—	—	—	—	—	170
Fort Augustus	—	—	—	—	—	—	—	—	—	—	—	—	132
Fort William	—	—	—	—	—	—	—	—	—	—	—	—	134
Geldeston	—	—	—	—	—	—	—	—	—	—	—	—	158
Glasgow	3	14	24	35	45	56	66	77	87	98	108	119	138
Glasnevin (Dublin)	—	—	—	—	—	—	—	—	—	—	—	—	174
Glencarron	—	—	—	—	—	—	—	—	—	—	—	—	130
Gordon Castle	—	—	—	—	—	—	—	—	—	—	—	—	130
Hillington	6	16	27	37	48	58	69	79	90	100	111	121	156
Hollesley Bay	—	—	—	—	—	—	—	—	—	—	—	—	160
Kew	—	—	—	—	—	—	—	—	—	—	—	—	164
Lairg	—	—	—	—	—	—	—	—	—	—	—	—	128
Laudale	2	13	23	34	44	55	65	76	86	97	107	118	136
Lednathie	—	—	—	—	—	—	—	—	—	—	—	—	134
Lissan	—	—	—	—	—	—	—	—	—	—	—	—	172
Llandudno	—	—	—	—	—	—	—	—	—	—	—	—	152
Lowestoft	—	—	—	—	—	—	—	—	—	—	—	—	156
Manchester (City)	—	—	—	—	—	—	—	—	—	—	—	—	150
Marchmont	—	—	—	—	—	—	—	—	—	—	—	—	140
Markree Castle (Sligo)	10	20	31	41	52	62	73	83	94	104	115	125	172
Morpeth (Cockle Park)	4	14	25	35	46	56	67	77	88	98	109	119	140
Norwood	—	—	—	—	—	—	—	—	—	—	—	—	164
Ochertyre	—	—	—	—	—	—	—	—	—	—	—	—	136
Orkney (Deerness)	1	11	22	32	43	53	64	74	85	95	106	116	128
Parkstone (near Bournemouth)	—	—	—	—	—	—	—	—	—	—	—	—	168
Parsonstown (Birr Castle)	11	21	32	42	53	63	74	84	95	105	116	126	176
Pinnore	—	—	—	—	—	—	—	—	—	—	—	—	142
Plymouth	9	19	30	40	51	61	72	82	93	103	114	124	170
Poltalloch	—	—	—	—	—	—	—	—	—	—	—	—	138
Prestwich	—	—	—	—	—	—	—	—	—	—	—	—	150
Rothsay	—	—	—	—	—	—	—	—	—	—	—	—	138
Rounton	—	—	—	—	—	—	—	—	—	—	—	—	144
Rousdon	—	—	—	—	—	—	—	—	—	—	—	—	168
St David's	7	18	28	39	49	60	70	81	91	102	112	123	162
St Leonards	—	—	—	—	—	—	—	—	—	—	—	—	166
Scarborough	4	15	25	36	46	57	67	78	88	99	109	120	146
Seaham	—	—	—	—	—	—	—	—	—	—	—	—	144
Sheffield	—	—	—	—	—	—	—	—	—	—	—	—	152
Southampton	8	19	29	40	50	61	71	82	92	103	113	124	166
Stonyhurst	5	16	26	37	47	58	68	79	89	100	110	121	148
Strathpeffer Spa.	—	—	—	—	—	—	—	—	—	—	—	—	130
Tealby	—	—	—	—	—	—	—	—	—	—	—	—	152
Valencia	—	—	—	—	—	—	—	—	—	—	—	—	176
Wakefield	—	—	—	—	—	—	—	—	—	—	—	—	148
Whitchurch	—	—	—	—	—	—	—	—	—	—	—	—	170
Woburn (Beds.)	—	—	—	—	—	—	—	—	—	—	—	—	160
Wolfelee	—	—	—	—	—	—	—	—	—	—	—	—	140
Woolacombe	8	18	29	39	50	60	71	81	92	102	113	123	166
York	—	—	—	—	—	—	—	—	—	—	—	—	148

OBSERVATIONS

AT

STATIONS OF THE SECOND ORDER, 1902.

Introduction.

RETURNS from 74 stations in the United Kingdom for the year 1902 are included in this volume. This is a decrease of one as compared with the previous year, one station being omitted, viz., Glenlee in the County of Kirkcudbrightshire, where the observations have been discontinued.

The A. list (of stations for which the detailed observations are printed) is the same as that for the previous year. From the B. list Glenlee disappears.

The 74 stations are distributed as follows:—

23	are in	Scotland,
40	„	England,
3	„	Wales,
and 8	„	Ireland.

The names of the stations in each country, with the respective observers, are given in the following Table, arranged alphabetically under the various counties; the Tables for the several stations are in the order of latitude as in previous volumes.

County.	Station.	Observer.
SCOTLAND.		
Aberdeen	Aberdeen - - -	Prof. C. Niven, M.A., F.R.S. (for the Meteorological Office).
"	Braemar - - -	James Aitken, J.P.
Argyll	Laudale - - -	A. Fletcher (for T. H. G. Newton, M.A., F.R.Met.Soc.).
"	Poltalloch - - -	D. S. Melville (for Lord Malcolm of Poltalloch).
Ayr	Pinmore - - -	Robert Torrance (for Captain Hamilton).
Banff	Gordon Castle - - -	C. Webster (for the Duke of Richmond and Gordon, K.G.).
Berwick	Marchmont - - -	John A. Wood.
Bute	Rothesay - - -	James Kay (for the Marquis of Bute).
Cromarty	Strathpeffer Spa - - -	J. Tregelles Fox, M.D., and R. Fortescue Fox, M.D.
Forfar	Dundee - - -	J. Carnochan.
"	Lednathie - - -	William Morrison (for P. Stormonth Darling).
Inverness	Ben Nevis - - -	R. T. Omond, F.R.S.E. (for Directors Ben Nevis Observatory).
"	Fort Augustus - - -	Rev. Cyril Von Dieckhoff (The Monastery).
"	Fort William - - -	R. T. Omond, F.R.S.E. (for the Meteorological Office).
Kirkcudbright	Cally - - -	W. Thomson (for H. G. Murray Stewart).
"	Cargen - - -	Alexander Peacock (for Col. Dudgeon).
Lanark	Glasgow - - -	Prof. L. Becker, Ph.D.
Orkney	Deerness - - -	M. Spence.
Perth	Ochertyre - - -	George Croucher (for Sir Patrick Keith Murray, Bart.).
Ross	Glencarron - - -	D. D. Munro.
Roxburgh	Wolfelee - - -	William Gordon (for Major Elliot).
Sutherland	Dunrobin Castle - - -	D. Melville (for the Duke of Sutherland, K.G.).
"	Lairg - - -	Rev. D. Macrae, M.A.
ENGLAND.		
Bedford	Woburn Farm - - -	H. M. Freear, F.C.S. (for the Royal Agricultural Society).
Cambridge	Cambridge - - -	Miss A. Walker (for Sir Robert Ball, F.R.S.).
Cheshire	Bidston (Liverpool) - - -	W. E. Plummer, M.A., F.R.A.S.
Cornwall	Falmouth - - -	E. Kitto, F.R.Met.Soc. (for the Meteorological Office).
Derby	Buxton - - -	W. Pilkington.
Devon	Plymouth - - -	H. Victor Prigg, A.M.I.C.E. (for the Corporation).
"	Rousdon - - -	Lady Peek.
"	Whitchurch - - -	E. E. Glyde, F.R.Met.Soc.
"	Woolacombe - - -	Edward Henshall, A.M.I.C.E., F.R.Met.Soc.
Dorset	Parkstone - - -	<i>The late</i> R. Hawkesworth Barnes, B.A., F.R.Met.Soc.
Durham	Durham - - -	F. C. H. Carpenter (for Prof. Sampson, M.A., F.R.S.).
"	Seaham - - -	G. H. Aird.
Gloucester	Cheltenham - - -	<i>The late</i> R. Tyrer, B.A., F.R.Met.Soc., and F. O. Bell.
Hampshire	Southampton - - -	A. Vaughan (for the Director-General of Survey).
Hertford	Bennington - - -	Rev. J. D. Parker, LL.D., F.R.Met.Soc.
"	Berkhamsted - - -	E. Mawley, F.R.H.S., F.R.Met.Soc.
Lancashire	Manchester (City) - - -	James Niven, M.A., M.B. (for the Corporation).
"	Prestwich - - -	T. R. H. Clunn, M.D., F.R.Met.Soc.
"	Stonyhurst College - - -	Rev. W. Sidgreaves, S.J.
Leicester	Belvoir Castle (Grantham) - - -	W. H. Divers (for the Duke of Rutland, K.G.).
Lincoln	Tealby - - -	Rev. S. Lewin, B.A.
Norfolk	Geldeston - - -	E. T. Dowson, F.R.Met.Soc.
"	Hillington - - -	Rev. H. E. B. Ffolkes, M.A., F.R.Met.Soc.
Northumberland	Cockle Park (Morpeth) - - -	J. H. J. Farquhar.
Stafford	Cheadle - - -	J. C. Philips, J.P.
Suffolk	Hollesley Bay - - -	Prof. C. G. Freer Thonger, M.R.A.C., F.C.S.
"	Lowestoft - - -	S. H. Miller, F.R.A.S., F.R.Met.Soc.

County.	Station.	Observer.
ENGLAND—cont.		
Surrey	Bramley - - -	James Bartlett, M.A.
"	Kew - - -	The National Physical Laboratory (for the Meteorological Office).
"	Norwood - - -	W. Marriott, F.R.Met.Soc.
Sussex	Eastbourne - - -	R. Sheward, F.R.Met.Soc. (for the Corporation).
"	St Leonards - - -	H. Colborne, M.R.C.S. (for the Corporation).
Warwick	Birmingham (Edgbaston) - - -	Alfred Cresswell (for the Midland Institute).
Yorkshire	Aysgarth - - -	<i>The late</i> Rev. Fenwick W. Stow, M.A., F.R.Met.Soc.
"	Rounton - - -	<i>The late</i> Sir I. Lowthian Bell, F.R.S., F.R.Met.Soc.
"	Scarborough - - -	W. W. Larkin (for the Corporation).
"	Sheffield (Weston Pk. Museum) - - -	Elijah Howarth, F.R.A.S.
"	Wakefield - - -	A. Clyde.
"	York - - -	H. M. Platnauer, B.Sc., F.G.S. (for the Yorkshire Phil.Soc.).
ISLANDS.		
Isle of Man	Cronkbourne (Douglas) - - -	A. W. Moore, M.A., J.P., C.V.O., F.R.Met.Soc.
WALES.		
Carnarvon	Llandudno - - -	W. Little (for the Corporation).
Montgomery	Churchstoke - - -	P. Wright, F.C.S., F.R.Met.Soc.
Pembroke	St David's - - -	<i>The late</i> W. P. Probert, LL.D., F.G.S., F.R.Met.Soc.
IRELAND.		
Armagh	Armagh - - -	J. L. E. Dreyer, Ph.D., F.R.A.S.
Dublin	Dublin (City) - - -	Sir John W. Moore, M.D., F.R.Met.Soc.
"	Dublin (Phoenix Pk.) - - -	Corpl. Blackmore, R.E. (for Col. C. Haynes, R.E.), and Corpl. Rose, R.E. (for Col. G. H. Sim, R.E.)
"	Glasnevin (Botanic Gardens) - - -	F. W. Moore, M.R.I.A.
Kerry	Valencia - - -	J. E. Cullum, F.R.Met.Soc. (for the Meteorological Office).
King's Co.	Birr Castle - - -	O. Boeddicker, Ph.D. (for the Earl of Rosse, K.P., F.R.S.).
Sligo	Markree Castle - - -	F. W. Henkel, B.A., and J. R. Armstrong (for the late Colonel Cooper, F.R.A.S.).
Tyrone	Lissan - - -	James H. Staples.

The stations in the above list marked "S" are in connexion with the Scottish Meteorological Society, and those marked "M" with the Royal Meteorological Society. By an arrangement made some years ago, the monthly schedules received from the observers at these stations are examined and checked in the offices of the respective Societies, where also the requisite reductions are completed and the results prepared for publication.

The map issued as a frontispiece indicates the position of each of the stations enumerated above; the latitude and longitude in each case are given in the headings of the Tables.

As in previous volumes, the publication is in three parts.

In Part I. (pp. 1-126) observations at 9 a.m. and 9 p.m. each day are given *in extenso* for 21 stations. The names of these are printed in the list on pp. vi. and vii. in heavier type, thus—**Deerness**.

Part II. (pp. 127-177) contains the Monthly Results for all stations, including the Monthly Sums and Means already given in Part I.

The Forms in which the results are tabulated are nearly identical with those adopted by the Meteorological Congress at Rome in 1879 for International use, and known as the International Forms A. and B. They differ from the International Forms in the following particulars:—they include columns, showing the differences between the readings of the dry-bulb and the wet-bulb thermometers under the heading "Dep. of Wet" (Depression of Wet-bulb), in addition to those giving the Vapour Pressure and the Relative Humidity; while in the present volume, as in those for 1900 and 1901, columns have been inserted, showing the total hours of Bright Sunshine, together with the percentage of its possible duration. The additional details as to the heights of the instruments are given as in preceding volumes.

It will be noticed that in the list of stations there are included, as in the years 1886-1901, the Observatories, or Stations of the First Order, in connexion with the Meteorological Office. Although the results from four of these stations have already been published in detail, abstracts based on two observations daily are included in the present volume in order to make the representation of the meteorology of the United Kingdom as complete as possible.

Part III. (pp. 178-179) contains the Annual Summary, which shows at one opening the mean values and totals for the year of the various elements at all the stations, as well as the extreme temperatures and the maximum rainfall.

The stations are arranged in the same order as in Part II.

Hours of Observation.

The hours of observation were, as before, 9 a.m. and 9 p.m. local time at all the stations, excepting those marked Σ , and the five Observatories or Stations of the First Order. At these twenty-three stations Greenwich time was kept. The five observatories are Aberdeen, Fort William, Kew, Falmouth, and Valencia; and at these, while most of the instrumental observations were at 9 a.m. and 9 p.m. Greenwich time, the Cloud Amount was observed at 10 a.m. and 10 p.m., and the Rainfall at about 10 a.m.

Instruments.

The instruments in use at the various stations are all of Standard pattern, and have been carefully verified. Only mercurial barometers are accepted, and care is taken, by periodical inspection and testing, to guard against the introduction of errors through the deterioration of the instruments.

Heights of the Stations.

The Heights above the Mean Sea Level have been determined by levelling from the nearest Bench Mark.

That given as the height of the station is commonly the height of the ground on which the Rain-gauge stands, which height is in almost every case the same, approximately, as that on which the thermometer screen is placed.

The height given as that of the Barometer above Ground, when applied to the Height of the station above Mean Sea Level, will accurately give the height of the barometer cistern above the Mean Sea Level.

In the volumes up to and including 1885, the heights given for the Irish stations above Mean Sea Level are in reality the heights of those stations above the datum level of the Irish Ordnance Survey, which is mean low-water mark, and which is 7 feet lower than the ordnance datum for Great Britain. In the present volume the heights of all the stations are referred to the Mean Sea Level, British Ordnance Datum.

Methods of Reduction, etc.

Barometer.

The readings, as printed, are the readings of the barometer at 9 a.m. and at 9 p.m., after correction for instrumental errors, and reduction to the temperature of 32° Fahrenheit.

In some preceding volumes the readings were reduced to the Mean Sea Level before publication, but in this volume, as in those from 1886, the correction for height has not been applied. From the heading of each Table the height of the barometer cistern above the Mean Sea Level can be obtained.

The correction required to allow for the difference in the intensity of Gravity at the station and in latitude 45° has not been applied. Its amount is stated at the head of each Table.

As in the volumes from 1883, the individual barometer readings have been printed to the nearest second place of decimals only. The monthly means are, however, given to the third place of decimals as heretofore, and these monthly means having been obtained from the original readings to three figures, they will be found occasionally to differ by .001 inch from the arithmetical mean of the printed daily readings.

The Tables used in the reduction of the barometer readings to 32° Fahrenheit are those given in the "Instructions in the Use of Meteorological Instruments," London, 1892.

The Monthly Mean Pressure in Part II. has been obtained by adding together the means for 9 a.m. and 9 p.m., and dividing the result by 2.

Temperature.

The observations of temperature have all been corrected for the errors of the thermometers.

In accordance with the decision of the Meteorological Congress at Vienna, in 1873, to the effect "that the maximum and minimum should be noted at the last observation of the evening, and entered on the day on which they are taken," the maximum and minimum thermometers have been read and set at 9 p.m. each day, and the readings entered to the same day.

The Mean Temperature in Part II. is based upon the 9 a.m. and 9 p.m. readings of the dry-bulb thermometer, without taking into account the minima and maxima, the means of which are, however, given for each month.

The extreme readings of the maximum and minimum thermometers for each month in Part I., and for the year in Part II., are printed in heavier type.

Hygrometry.

The Tables employed for the hygrometrical reductions are Glaisher's, 5th edition, London, 1869.

In Relative Humidity, complete saturation is represented by 100.

The Monthly Means of the Depression of the Wet-bulb, the Vapour Pressure, and Relative Humidity, printed in Part II., are in most cases the averages of the daily values. For some stations, however, the monthly averages of the dry-bulb and wet-bulb temperatures have been used for obtaining these values, and in these cases the percentages of the humidity have been given in whole numbers instead of to the first place of decimals. The mean "Depression of Wet-bulb" is given for all the stations.

Wind.

The Wind Direction is *true*, as distinguished from magnetic or compass directions.

Wind Force is estimated by Beaufort's Scale (except at the stations marked "S") as follows:—

0 Calm.	5 Fresh breeze.	10 Whole gale.
1 Light air.	6 Strong breeze.	11 Storm.
2 Light breeze.	7 Moderate gale.	12 Hurricane.
3 Gentle breeze.	8 Fresh gale.	
4 Moderate breeze.	9 Strong gale.	

At most of the stations the Force of the Wind is estimated by the observer, but at four stations, namely:—

Deerness,
Glasgow,

Stonyhurst, and
Armagh,

Robinson Cup Anemometers of the Standard size and pattern (Factor 3.0) are employed, and the velocity of the wind, as shown by the daily curves, is translated into Force by Beaufort's Scale, by the Table found in "Instructions in the Use of Meteorological Instruments," London, 1892.

At the stations in connexion with the Scottish Meteorological Society (marked "S" in the list on page vi), the scale employed in estimating the Force of the Wind is that known as the Land Scale. Under this scale 0 indicates calm, and 6 indicates the strongest wind, and the entries under this head at these stations have therefore been multiplied by 2 to make them, as nearly as may be, comparable with observations under the Beaufort Scale.

Cloud.

The Cloud Amount is estimated by a scale in which 0 represents clear sky and 10 represents completely overcast. No account is taken under this heading of the *Form* of the clouds visible at the time of observation, or of their density.

Rainfall.

The Rainfall is measured each day at 9 a.m., except at the observatories where the hour is about 10 a.m., the exact time being governed by the hour for the changing the papers on the self-registering Rain-gauges.

These stations are seven in number: namely, the five already mentioned on page viii, together with Glasgow and Stonyhurst.

The amounts measured each morning are entered to the *preceding* day. At some stations the Rainfall Amounts have been measured to the third place of decimals, and where this is the case, the amounts as measured have been printed.

The maximum fall for the month is printed in heavier type in Part I., and the maximum fall for the year, with the day on which it occurred, is also printed in heavier type in Part II.

Remarks.

The entries under this heading are a transcript of the notes as to the weather, etc. made by the observers on the monthly schedules; or, if these notes are too numerous to be inserted in full, a selection of the most important of them has been given.

The following symbols, which have been adopted by international agreement, are used in the "Remarks" columns:—

Rain -	-	-	☉	Hoar-frost -	-	-	⊥	‡Solar Corona -	-	-	○
Snow -	-	-	✱	Dew -	-	-	⊥	‡Solar Halo -	-	-	⊕
*Snow lying -	-	-	☒	Silver-thaw ("Rauh-frost," "Duft") -	-	-	⊥	‡Lunar Corona -	-	-	☉
Snow Drift -	-	-	⊥	Glazed Frost ("Glatteis") -	-	-	⊥	‡Lunar Halo -	-	-	☉
Hail -	-	-	⊥	Thunderstorm -	-	-	⊥	Rainbow -	-	-	(
Soft-Hail ("Graupel") -	-	-	⊥	Thunder without Lightning -	-	-	⊥	Aurora -	-	-	☉
Ice Crystals -	-	-	⊥	Lightning without Thunder -	-	-	⊥	Dust Haze ("Höhenrauch") -	-	-	8
Mist, Fog -	-	-	⊥	Strong Wind -	-	-	⊥				

In respect of their intensity, the individual phenomena are distinguished by the figures 0 and 2, which are used as exponents of the symbols, in such a way that 0 indicates very slight, 2 heavy,

e.g., ☉⁰ slight Rain.

☉² heavy Rain.

It is further to be remarked that Fog (mist) is only entered when the observer is quite enveloped in it.

In giving the period of occurrence of the various phenomena, "m" is never printed. Hence—

a. indicates a.m.

p. " p.m.

9a.—9p. " 9 a.m. to 9 p.m., and further,

n. is used to indicate night.

* The symbol for "snow lying" is only to be employed if more than half of the country in sight round the station is covered with snow.

‡ In some previous volumes (till 1887) the symbols for Solar and Lunar Halos and Coronæ have been by accident transposed. They are correct as printed above.

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 adjacent stations, and have been used in calculating the monthly means.

Weather Summaries.

Days of Rain.

In some earlier volumes the decision of the Vienna Congress that the days of precipitation, irrespective of amount, should be counted as the number of days of rain, has been literally observed; but since the common practice of British Meteorologists has been to take .01 inch (.005 inch in those cases where the rainfall was observed to thousandths of an inch) as the minimum for a rainy day, and as, moreover, many observers do not record closer than to hundredths of an inch, it has been deemed desirable to adopt this as the lower limit. In this volume, therefore, as in that for 1881 and subsequent years, a day of rain must be understood as one on which .01 inch (or .005 inch, as explained above) of rain was measured on the morning of the following day. As in former years, no regard is had to the form of the precipitation, those days on which snow, hail, etc. fell being all included in the number of days of rain.

Days of Snow.

In counting days of snow, no regard is had to the *amount* which fell. Every day on which snow was observed, even though it was so small in quantity as to yield no measurable amount in the rain-gauge, has been counted as a day of snow.

Days of Hail.

The same method as is detailed above with regard to snow has been followed in counting days of hail. Every day on which hail was reported, whether much or little, has been counted as a day of hail.

Days of Thunderstorm.

In counting days of thunderstorm, those days are included on which thunder was recorded, even though no lightning was seen; those on which lightning was seen, but no thunder heard, have not been counted.

Days of Clear Sky.

The days of clear sky are those days when the average cloud amount (Scale 0–10), as observed at 9 a.m. and at 9 p.m., is *less* than 2.

Days of Overcast Sky.

Similarly the days of overcast sky are those days when the cloud amount (Scale 0–10), as observed at 9 a.m., being added to that observed at 9 p.m., and the sum being divided by 2, the result is *more* than 8.

Days of Gale.

The days of gale are those days when force 7 or upwards, Beaufort's Scale (or its equivalent velocity of 37 miles per hour [Factor 3] on a Standard size Robinson Cup Anemometer), was recorded at any time during the day.

The period covered by a day of rain is the 24 hours ended at 9 a.m. (or 10 a.m.) on the following day; the days of snow, hail, thunderstorm, and gale, are the civil days ended at midnight.

Wind Summaries.

The Wind Summaries show the number of times that the wind was reported under each of the 8 points, N., NE., E., SE., S., SW., W., NW., and Calm. The rule followed in their preparation has been to take such directions as S.byE., SE.byE., etc., as S., SE., etc.; directions under the intermediate points, as NNE., have been alternately thrown forward to NE. and backward to N.

No account has been taken of the *force* of the wind in preparing the Wind Summaries.

For some of the stations in connexion with the Scottish Meteorological Society (marked "S" in the list on pp. vi, vii), a slightly different plan has been followed, under which directions between and including ENE. to ESE. have been counted as E., SSE. to SSW. as S., and so on.

Mean Values.

In addition to the average monthly and yearly values given for each station in Part II., the corresponding yearly mean, whenever available, is given at the foot of the Tables.

The period to which this mean refers varies with different stations, but the particular years included are shown in each case.

Sunshine.

In the present volume the Sunshine Table formerly given as Part IV. has been omitted, the number of hours of Bright Sunshine at those stations which are supplied with Sunshine Recorders, together with the percentage of its possible duration, being given in Part II., with the other monthly results.

The form of instrument in most general use is that known as the Campbell-Stokes' Burning Recorder; but at Belvoir Castle, Bennington, Buxton, Cheltenham, Manchester (City), and Norwood (Wallington), Jordan's Photographic Recorders were used. At all the other stations, Stokes', or some other form of Burning Recorder, was employed.

In three cases the Sunshine Records at other stations not far off, and having practically the same exposure, have been inserted in order to make this Table as complete as possible. These are Hoylake as representing Bidston; St Ann's Head as representing St David's, Pembroke; and Wallington, Surrey, as representing Norwood.

Of the observations which have been used in the compilation of this volume, some have been derived from public observatories, and others from establishments maintained by local municipal authorities, but the greater number are the work of voluntary and unpaid observers. The Director desires to record his thanks for the assistance which has thus been afforded to him in the compilation of appropriate Meteorological records for the United Kingdom, and his appreciation of the unremitting care and attention which the fulfilment of the duties of an observer demands.

METEOROLOGICAL OFFICE,
63 VICTORIA STREET, S.W.,
1907.

JANUARY 1902.

1

DEERNESS.—JANUARY 1902.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45' W. Lat. 58° 56' N. Gravity Correction, + '036 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.					
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.			9 a.m.	9 p.m.			
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.									
	ins.	ins.	°	°	°	°	in.	in.	%	%							ins.				
1	29.21	28.90	39.1	43.1	37.4	43.8	2.0	1.9	200	237	84	85	W	3	SE	7	2	9	ins.	Very fine day. (gale) p.	
2	28.79	29.24	43.0	42.8	40.5	44.1	1.2	2.0	251	233	90	85	E	5	E	1	10	10	.09	Dull, with showers.	
3	29.29	29.14	43.3	43.1	38.9	47.5	1.2	2.0	254	235	91	84	S	6	SW	5	10	10	.02	showers.	
4	.05	28.89	39.5	40.7	38.6	44.0	2.3	1.7	198	218	82	86	SW	6	SW	4	9	10	.14	showers.	
5	.65	29.43	39.4	45.5	37.7	45.8	3.2	0.7	181	289	75	95	NW	5	WSW	9	8	10	.10	4a.	
6	.63	.75	45.5	46.8	42.2	49.0	1.0	2.6	282	259	93	81	W	8	WSW	8	10	10	.10	Fine a. from 6p. (gale).	
7	.67	.77	49.3	47.8	45.0	50.4	2.3	2.8	294	265	84	80	W	10	WSW	8	10	7	.06	(gale) showers.	
8	.78	.69	47.5	44.2	43.3	48.4	1.4	1.2	294	265	84	80	W	10	WSW	8	9	8	.04	(gale).	
9	.22	.19	43.0	40.0	36.0	45.8	1.0	1.8	255	211	92	86	S	7	W	8	10	1	.335	(gale) Fine day. [ating	
10	.33	.49	35.0	34.8	31.2	42.6	1.0	1.6	184	170	90	84	W	8	WNW	7	10	1	.335	(gale) from 4p. Stars scintill-	
11	.83	.93	34.2	30.0	28.2	36.6	2.2	2.0	154	116	78	69	NW	5	WNW	1	5	1	—	(gale) showers.	
12	29.56	29.85	33.1	28.0	25.2	35.8	0.0	1.0	189	122	100	80	SW	6	NW	8	10	10	—	showers.	
13	30.08	30.24	28.0	30.0	24.6	30.0	1.8	3.4	102	90	67	53	NW	6	NW	5	9	10	.05	showers. (gale) p.	
14	30.34	30.27	32.1	36.0	27.8	36.8	1.1	2.3	156	170	86	80	WSW	2	SW	5	9	10	.04	showers. p.	
15	29.92	29.90	45.2	46.6	34.6	48.8	1.7	1.6	262	280	88	89	W	10	W	9	8	10	—	showers. 9p.	
16	30.06	30.17	46.6	47.1	45.0	49.0	1.1	0.8	292	305	94	94	W	7	W	6	10	10	.18	(gale). 0 p.	
17	30.09	30.00	45.7	44.0	43.0	48.0	2.1	1.0	260	265	85	92	W	5	W	4	10	7	—	(gale) Muggy, disagreeable day.	
18	29.99	29.92	43.3	41.8	40.2	44.8	0.5	2.6	270	213	96	81	W	2	SW	3	9	10	—	Fine all day.	
19	.64	.32	42.8	44.0	40.2	48.0	0.8	1.0	257	265	94	92	SW	3	W	6	10	10	.42	Very fine.	
20	.51	.71	39.4	41.0	38.3	45.3	2.6	1.0	191	235	80	92	WNW	5	W	3	2	9	.09	from 1p.	
21	.82	.74	40.6	43.3	38.0	43.8	0.6	0.3	240	273	95	98	WSW	2	S	1	9	9	—	Fine till 6p., then 0 showers.	
22	.81	.79	44.1	40.0	39.5	45.8	0.9	0.8	269	230	93	94	W	4	SW	1	9	2	.10	Very fine and mild.	
23	29.49	29.22	45.0	45.0	39.2	46.4	1.0	2.0	275	253	92	85	SSW	5	SSW	6	8	10	—	Fine a. 0 3p.-5p. U	
24	28.80	28.65	41.3	36.0	35.2	45.6	0.5	3.0	250	158	96	74	SW	5	W	4	10	8	.38	9a.-11a.	
25	28.63	29.03	33.0	29.0	27.0	36.8	0.8	2.0	171	106	91	67	W	3	NW	10	8	8	.06	2 in past n. (3 ins.) (gale).	
26	29.06	.31	32.0	31.0	22.8	37.0	3.0	3.0	118	107	65	62	WNW	9	NW	7	10	4	.05	showers all day. (gale) p.	
27	.29	.10	28.8	28.7	26.8	32.8	2.3	0.7	.099	.137	62	87	NNW	3	E	3	8	10	.15	after 8p.	
28	.09	29.42	27.2	26.2	25.4	32.1	1.4	1.2	106	103	72	73	NNE	6	N	6	3	3	.13	showers till 6p.	
29	29.67	30.01	30.0	29.5	25.5	30.3	2.3	1.0	110	137	66	84	NW	3	NNW	5	9	1	.20	showers till 6p.	
30	30.38	.64	35.0	33.6	28.2	37.1	1.5	2.2	.174	.149	85	77	N	2	S	2	5	0	—	Mild, bright, and sunny.	
31	30.79	30.87	34.9	32.4	31.2	36.4	1.9	2.1	.165	.140	81	76	SSW	2	Calm	0	7	0	—	Mild, bright, and sunny.	
Mean	29.595	29.631	38.9	38.5	34.7	42.2	1.5	1.7	210	201	85.0	82.5	5.2	5.0	8.2	6.4	3.275				

DUNROBIN CASTLE.—JANUARY 1902.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56' W. Lat. 57° 59' N. Gravity Correction, + '034 in.

1	29.40	28.89	31.0	42.0	29.2	42.0	1.0	1.0	148	245	85	92	NW	NW	—	—	16	
2	28.94	29.45	43.2	41.8	37.2	43.2	0.7	1.3	264	238	94	90	NW	W	—	—	10	Dull and mild.
3	29.46	29.40	41.0	43.8	31.0	52.2	0.8	3.3	239	217	94	75	W	N	—	—	20	Dull, with showers.
4	29.30	29.26	37.0	40.8	34.5	46.2	1.0	1.8	200	217	91	86	N	N	—	—	23	showers.
5	29.89	29.80	42.0	46.0	32.5	46.2	7.2	2.2	140	261	52	85	N	N	—	—	27	Fine a. p.
6	29.91	29.99	49.8	48.0	43.0	51.0	2.3	0.5	300	322	85	97	W	E	—	—	04	showers.
7	29.94	30.04	50.0	49.0	47.0	52.0	3.2	4.0	282	255	79	73	SE	E	—	—		
8	30.03	29.74	48.8	44.0	41.0	51.0	4.0	3.0	253	224	73	77	E	E	—	—	05	Fine and mild.
9	29.47	29.59	47.0	42.0	37.0	47.0	2.5	4.0	264	190	83	72	E	E	—	—	10	Dull, with showers.
10	29.65	29.90	37.0	33.0	31.0	42.2	2.0	2.0	182	147	83	78	NE	NE	—	—	15	Dull, with gusty.
11	30.09	30.10	30.2	32.0	29.2	35.0	0.4	2.0	157	137	94	75	NE	E	—	—	10	Clear and frosty. showers p.
12	29.85	29.17	35.8	30.2	28.0	38.0	2.0	2.2	174	114	83	68	E	SE	—	—		
13	30.35	30.51	28.5	27.8	27.0	31.8	2.5	1.8	091	100	59	67	SE	SW	—	—	06	Clear and frosty. showers.
14	29.58	29.38	29.5	34.0	27.2	37.0	1.7	2.2	119	152	73	78	S	E	—	—		
15	29.24	29.26	47.5	49.8	40.0	49.8	4.0	4.8	238	247	73	69	N	E	—	—		
16	29.43	29.48	48.2	49.5	44.5	50.2	3.4	3.5	257	270	77	76	S	E	—	—		
17	29.29	29.19	45.8	44.8	40.8	49.2	3.3	2.8	237	235	78	79	W	N	—	—		Dull and mild.
18	30.18	30.07	34.8	41.0	33.0	46.0	1.8	2.2	166	211	82	83	W	NW	—	—		Fine day.
19	29.83	29.57	42.2	49.0	38.5	50.5	1.2	2.5	243	287	90	83	N	N	—	—	37	Dull and breezy, with showers.
20	29.78	30.01	36.0	35.0	32.5	52.2	1.2	1.0	189	184	89	90	NW	N	—	—		Fine and clear.
21	30.01	29.96	32.0	38.2	30.0	46.2	1.0	1.2	157	206	87	90	W	W	—	—		Fine and frosty.
22	30.03	29.95	44.8	40.2	36.2	48.0	2.3	1.2	246	224	83	90	W	W	—	—		Fine day.
23	29.82	29.35	45.2	45.8	37.5	50.0	1.2	2.8	273	246	91	80	W	W	—	—	04	Dull and mild.
24	29.00	28.94	38.0	33.0	30.8	46.0	1.5	3.5	199	120	87	64	NW	W	—	—		Dull day.
25	29.13	29.41	28.0	26.2	24.0	35.0	1.0	0.7	122	120	80	84	NW	W	—	—		showers.
26	29.48	29.61	26.0	22.2	19.0	30.0	1.0	1.2	107	079	76	67	NW	NW	—	—	15	storm.
27	29.50	29.15	21.0	29.0	15.0	31.0	1.5	1.0	065	130	58	82	NW	NW	—	—	08	showers p.
28	29.30	29.72	29.8	28.0	25.2	32.2	1.6	2.0	123	097	75	64	N	NW	—	—	03	showers p.
29	29.88	30.26	27.2	28.0	19.0	34.0	1.0	1.5	116	110	80	72	N	NW	—	—	05	showers p.
30	30.49	30.67	31.0	26.0	20.2	39.0	1.5	1.5	137	094	78	66	N	N	—	—		Clear and frosty.
31	30.95	31.08	19.2	23.0	17.0	36.2	1.2	1.0	066	088	64	72	N	N	—	—		
Mean	29.838	29.866	37.0	37.5	31.6	43.2	2.0	2.1	186	186	79.9	78.2	—	—	—	—	2.18	

BRAEMAR.—JANUARY 1902.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches.
Long. 3° 24' W. Lat. 57° 0' N. Gravity Correction, +030 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.									
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.	Percentage.		9 a.m.	9 p.m.	9 a.m.			9 p.m.								
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.							9 p.m.							
1	ins.	ins.	28° 28'	27° 83'	35° 3'	37° 6'	33° 4'	39° 3'	2° 8'	1° 9'	154	199	74	84	SW	0° 5'	SW	4	8	10	ins.	35	● p.		
2	27° 73'	28° 31'	36° 6'	37° 6'	35° 2'	40° 2'	1° 1'	1° 0'	196	206	91	91	SW	1	SW	0° 5'	SW	6	10	—	—	—	Fine day.		
3	28° 39'	28° 40'	39° 9'	41° 8'	36° 0'	46° 0'	2° 1'	3° 3'	205	200	83	77	SW	2	SW	8	SW	8	9	3	—	—	Gusty		
4	25	28	36° 8'	37° 3'	35° 2'	42° 1'	1° 4'	1° 8'	192	188	89	85	SW	8	SW	6	SW	6	10	10	64	Dull, with ● showers.			
5	26	28	35° 6'	41° 8'	35° 2'	42° 2'	1° 5'	2° 9'	181	207	86	79	NW	2	SW	8	SW	8	7	6	03	—	Fair but cloudy.		
6	27	28	45° 4'	42° 8'	41° 0'	47° 0'	3° 9'	3° 0'	231	213	74	78	SW	8	SW	6	SW	6	6	9	01	—	—		
7	29	28	45° 2'	43° 7'	41° 7'	45° 7'	3° 4'	2° 2'	228	238	76	83	W	4	SW	4	SW	4	8	9	02	—	Dull, with ● showers.		
8	29	28	42° 3'	40° 8'	39° 8'	44° 0'	2° 5'	2° 5'	218	205	82	80	SW	2	SW	0° 5'	SW	7	8	03	—	—	Fine day.		
9	29	28	45° 1'	37° 8'	36° 6'	45° 7'	2° 9'	3° 1'	236	171	78	75	SW	6	SW	6	SW	6	8	3	12	—	● showers.		
10	29	28	36° 7'	32° 1'	31° 7'	39° 3'	2° 2'	1° 8'	177	142	82	77	W	2	NW	4	NW	4	7	5	—	—	Fair but cold.		
11	28	28	39° 0'	25° 4'	24° 2'	33° 8'	0° 5'	0° 9'	145	108	91	81	NW	1	NW	0° 5'	NW	6	4	—	—	—	Fair but cold.		
12	28° 67'	28° 91'	27° 6'	28° 1'	24° 2'	34° 3'	0° 9'	0° 6'	124	135	82	88	NW	0° 5'	NW	2	NW	2	6	4	02	—	—	Cold, with * showers.	
13	29° 10'	29° 23'	25° 2'	25° 6'	24° 3'	29° 8'	0° 7'	0° 8'	112	111	83	81	NW	2	NW	0° 5'	NW	6	4	—	—	—	Fair but cold.		
14	29	36	17° 9'	28° 6'	17° 3'	30° 0'	0° 4'	0° 6'	085	139	84	89	NW	0° 5'	NW	0° 5'	NW	2	9	08	—	—	—	Fair and clear.	
15	29	36	17° 9'	28° 6'	17° 3'	30° 0'	0° 4'	0° 6'	085	139	84	89	SW	8	SW	4	SW	4	8	8	01	—	—	Dull day.	
16	29	36	17° 9'	28° 6'	17° 3'	30° 0'	0° 4'	0° 6'	085	139	84	89	SW	6	SW	6	SW	6	7	8	—	—	—	Dull day.	
17	29	36	17° 9'	28° 6'	17° 3'	30° 0'	0° 4'	0° 6'	085	139	84	89	W	2	W	0° 5'	W	7	9	—	—	—	—	—	
18	29° 03'	28° 99'	35° 4'	38° 3'	34° 0'	40° 3'	1° 2'	3° 5'	184	168	89	72	SW	0° 5'	SW	0° 5'	SW	2	3	—	—	—	—	☐	
19	28° 79'	28° 54'	40° 8'	44° 4'	36° 2'	44° 6'	2° 0'	2° 3'	214	242	84	83	SW	2	SW	6	SW	6	8	9	18	—	—	Dull day. Gusty p.	
20	28	25	38° 6'	36° 6'	34° 7'	46° 2'	1° 1'	1° 8'	213	183	92	85	W	1	W	0° 5'	W	6	7	—	—	—	—	Fine day. ☐	
21	28	25	38° 6'	36° 6'	34° 7'	46° 2'	1° 1'	1° 6'	162	167	87	84	W	0° 5'	SW	0° 5'	SW	9	8	—	—	—	—	—	
22	28	25	38° 6'	36° 6'	34° 7'	46° 2'	1° 1'	1° 8'	189	170	77	88	SW	0° 5'	SW	0° 5'	SW	4	7	—	—	—	—	—	Fine day.
23	28° 65'	28° 38'	45° 3'	42° 0'	32° 2'	46° 2'	2° 6'	2° 7'	245	212	81	80	SW	4	SW	6	SW	6	10	9	40	—	—	Fine a. Gusty p.	
24	27° 83'	27° 77'	38° 4'	29° 8'	28° 6'	42° 2'	1° 1'	1° 7'	210	121	91	74	SW	4	SW	0° 5'	SW	10	9	08	—	—	—	* ● showers. ☐	
25	27° 70'	28° 19'	27° 9'	23° 6'	22° 5'	33° 0'	1° 3'	0° 9'	114	096	75	77	NW	1	N	6	N	8	10	10	08	—	—	* +	
26	28° 29'	28° 40'	18° 4'	23° 6'	18° 3'	25° 0'	0° 9'	0° 8'	092	099	72	79	N	6	NW	2	NW	2	10	10	04	—	—	* +	
27	28° 30'	28° 03'	5° 9'	24° 8'	8° 0'	25° 0'	0° 4'	1° 0'	049	099	86	75	N	0° 5'	NW	0° 5'	NW	7	10	03	—	—	—	Fair a. * showers p.	
28	27° 97'	28° 46'	29° 7'	25° 3'	20° 6'	30° 7'	0° 7'	0° 8'	146	110	88	81	N	4	N	4	N	4	10	6	15	—	—	* +	
29	28° 60'	29° 01'	20° 0'	20° 0'	17° 4'	29° 2'	0° 7'	1° 0'	083	099	77	75	N	0° 5'	N	0° 5'	N	7	4	04	—	—	—	* 0 showers.	
30	29° 33'	29° 60'	10° 8'	9° 6'	9° 0'	27° 8'	0° 6'	0° 1'	057	064	80	97	N	0° 5'	N	0° 5'	N	3	0	—	—	—	—	—	Clear and frosty.
31	29° 66'	29° 81'	5° 6'	6° 8'	4° 0'	26° 1'	0° 1'	0° 1'	053	057	95	97	N	0° 5'	N	0° 5'	N	0	0	—	—	—	—	—	Clear and frosty.
Mean	28° 667'	28° 729'	32° 7'	33° 1'	28° 5'	38° 9'	1° 6'	1° 7'	167	162	83° 4'	82° 2'	2° 6'	2° 7'	6° 8'	6° 8'	2° 33'								

LAUDALE.—JANUARY 1902.

Height above Mean Sea Level, 14 feet. Heights above Ground:—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 41' W. Lat. 56° 41' N. Gravity Correction, +031 in.

1	29.41	28.74	44.2	41.2	37.0	45.0	1.2	1.2	263	233	91	91	10	90	● ² showers all day. ● ² n.		
2	28.89	29.44	45.0	46.0	39.9	48.0	1.0	1.7	275	272	92	88	10	40	☁ (mist) ● showers.		
3	29.50	29.50	48.0	47.6	42.0	53.8	1.7	1.6	292	290	88	89	10	30	☁ ² most of day.		
4	29.45	29.34	44.0	45.0	40.0	48.0	4.0	2.0	205	253	71	85	9	26	☁ ² ● ² showers all day. <		
5	29.98	30.06	41.7	47.7	40.0	48.7	2.9	1.9	206	285	79	87	10	62	Fair a. ● ² p.		
6	30.15	30.25	48.8	50.0	47.0	50.7	2.0	3.0	297	286	86	80	6	05	● ² early a. ● ⁰ showers all day		
7	30.24	30.24	51.0	47.8	47.0	51.3	3.0	2.8	299	265	80	80	10	06	☁ ² ● ⁰ showers.		
8	30.30	29.94	47.7	47.0	44.7	51.5	2.5	1.8	272	280	82	87	10	50	☁ ² (mist).		
9	29.49	29.69	45.0	45.5	43.6	50.4	2.0	3.5	253	229	35	75	10	25	☁ ² (gale) ● ² showers.		
10	29.75	29.87	42.5	38.2	37.0	47.0	3.5	3.2	202	171	74	74	10	04	Dull, with ●.		
11	30.09	30.11	31.0	34.4	29.9	41.0	1.3	3.2	141	139	81	71	2	06	☁☁ a.		
12	29.98	29.98	38.0	34.2	29.9	41.0	2.0	0.2	190	194	83	98	7	2	☁ ² showers a. ☁		
13	30.37	30.37	29.0	28.0	27.0	34.7	2.0	2.0	106	097	67	64	7	0	☁		
14	30.68	30.68	27.7	34.0	33.8	34.4	2.5	1.8	085	160	56	81	2	0	☁☁. Bright and clear.		
15	30.50	30.50	47.7	48.4	34.0	49.9	1.7	2.4	289	281	88	83	10	07	Very dark day. ● ² showers.		
16	30.55	30.55	47.9	47.6	40.0	50.8	1.9	1.6	286	290	87	89	10	05	☁ ² ● ⁰ showers.		
17	30.42	30.42	44.8	43.0	42.0	48.7	1.8	1.2	255	251	86	90	10	02	☁ ² (mist) a. ● ⁰ showers.		
18	30.17	30.17	42.2	45.0	40.8	45.7	1.2	3.6	243	222	90	74	10	07	Dull and overcast.		
19	30.02	30.02	46.5	48.7	42.0	49.9	1.8	1.0	274	319	87	93	10	10	☁☁ (mist) a. ● ² (gale) p.		
20	29.79	30.00	43.2	42.0	40.0	53.0	1.2	1.0	253	245	90	92	10	10	☁☁ (mist) a.		
21	30.01	30.01	44.0	49.3	40.2	51.0	0.2	1.3	283	318	98	91	10	54	☁☁ (mist).		
22	30.12	30.12	44.4	45.0	43.0	50.2	0.6	0.6	278	285	95	95	10	9	☁☁ (mist) a. ● ⁰ showers.		
23	29.84	29.84	49.0	49.0	40.2	50.4	2.0	1.2	298	230	86	91	10	1-60	☁ ² showers. ☁		
24	29.97	29.94	37.5	35.3	32.0	41.0	1.3	1.3	199	181	89	88	10	30	* all day. ☁		
25	28.96	28.96	33.7	31.4	29.0	38.8	1.5	1.2	162	148	84	83	10	6	☁☁. (gale) * ⁰ showers.		
26	29.69	29.69	22.7	22.7	21.6	34.0	1.7	1.7	120	069	73	58	10	2	☁☁. * all day.		
27	29.47	29.47	28.2	32.0	21.7	33.8	1.2	2.0	119	137	77	75	10	20	☁☁. (gale) * ⁰ showers.		
28	29.72	29.72	30.3	27.2	25.0	34.7	1.6	1.2	129	111	76	76	10	6	☁☁. * all day.		
29	29.82	29.82	33.2	24.8	21.7	34.2	1.2	2.8	165	058	87	43	10	03	☁☁ 7 ins. deep. * showers.		
30	30.58	30.81	21.0	23.6	16.8	30.6	1.0	2.6	078	055	70	44	10	0	☁☁. * a.		
31	30.99	31.04	27.6	29.2	21.7	32.8	3.6	4.2	064	068	42	42	10	0	☁☁ ² . Clear and frosty.		
															☁☁ ² . Clear and frosty.		
Mean	29.918	29.948	39.8	39.4	34.9	44.4	1.8	2.0	212	207	81.3	79.3	3.1	3.5	7.9	7.2	8.16
























DUNDEE.—JANUARY 1902.

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

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.			Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.	Vapour Pressure.	Percentage.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	36.4	40.6	31.2	41.5	0.4	0.1	207	251	96	99	10	34	ins.	● from 6p. (gale).
2	28.73	29.22	40.5	42.4	38.0	43.6	1.0	0.9	231	252	92	93	10	01	01	Cloudy day. ● showers from 6p.
3	29.49	29.36	38.7	47.3	33.2	51.7	0.2	2.3	231	271	98	84	10	10	10	● showers.
4	29.32	29.05	42.6	39.9	36.2	47.8	1.8	1.4	235	218	87	89	10	10	07	● n. showers.
5	29.76	29.78	37.4	46.8	36.4	46.8	1.1	3.6	202	239	91	75	10	—	—	Dull day.
6	29.84	30.03	50.9	46.3	44.7	52.3	4.4	2.8	267	252	72	81	10	10	—	Cloudy, with (gale).
7	30.00	30.08	47.6	46.1	44.2	50.7	2.7	1.8	267	271	81	87	10	10	—	Cloudy, with (gale).
8	30.04	29.87	44.6	43.6	41.7	46.7	1.8	1.5	254	250	86	88	10	10	—	Cloudy, with (gale).
9	29.47	29.51	47.8	43.1	41.4	48.4	2.2	2.6	279	224	84	80	10	10	02	Dull day.
10	29.59	29.70	39.7	34.4	33.5	43.5	1.2	2.4	220	152	90	76	10	5	—	● showers n. and during day.

COCKLE PARK (NEAR MORPETH).—JANUARY 1902.

Height above Mean Sea Level, 324 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 41' W. Lat. 55° 13' N. Gravity Correction, +.026 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.		
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
1	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%	SW 4	SW by S 6	6	10	ins.	Fair a. Dull, with  n.
2	29.22	28.75	41.0	42.0	37.0	46.0	1.0	1.0	.235	.245	92	92	W 6	SW 4	2	7	.003	 a. Dull and dark n.
3	29.39	29.01	42.0	42.0	36.0	46.0	1.0	1.0	.245	.245	92	92	SW 3	W 10	9	4	—	Dull a.  (gale) n.
4	29.33	29.12	46.0	41.0	40.0	52.0	1.0	3.0	.225	.197	73	77	W 6	NW 10	6	0	—	 a. and p.
5	29.56	29.71	40.0	46.0	37.0	48.0	2.0	2.0	.207	.205	84	86	NW 5	W 10	4	10	—	Fine a.
6	29.85	29.95	47.0	46.0	45.0	50.0	2.0	2.0	.275	.265	86	86	NW 8	W 8	10	3	—	Fair a. and n.
7	29.97	29.98	46.0	45.0	44.0	47.0	3.0	2.0	.244	.253	79	85	W 7	W 7	9	4	.001	Fair, with  .
8	29.98	29.80	42.0	42.0	40.0	45.0	3.0	2.0	.207	.225	78	85	W 7	SW 2	8	6	—	n.
9	29.95	29.48	46.0	43.0	41.0	50.0	2.0	2.0	.265	.234	86	84	SW 5	W 7	8	8	—	 n.
10	29.49	29.54	40.0	38.0	36.0	44.0	1.0	2.0	.226	.190	92	83	SW 5	NW 4	10	10	.020	Dull a. and n.  in afternoon.
11	29.76	29.83	30.0	32.0	30.0	39.0	2.0	1.0	.116	.157	69	87	NW 4	W 1	5	10	.110	Fine a. and n. Audibility p.  n.
12	29.60	29.75	33.0	32.0	29.0	37.0	0.0	3.0	.188	.118	100	65	NW 2	NW 4	10	1	—	 a.  (2 ins. deep).
13	30.00	30.13	29.0	28.0	26.0	34.0	1.0	1.0	.130	.122	82	80	NW 4	NW 4	10	10	—	Overcast and frosty.
14	29.29	29.38	29.0	27.0	24.0	38.0	1.0	1.0	.130	.114	82	79	NW 3	NW 5	10	10	.040	Dull and frosty.
15	29.15	29.08	38.0	42.0	37.0	43.0	1.0	2.0	.208	.225	91	85	W 9	SW 5	10	8	.001	—
16	29.11	29.18	47.0	41.0	38.0	49.0	4.0	1.0	.233	.235	73	92	SE by S 6	W 4	10	6	.002	Dull day.
17	30.11	29.98	40.0	36.0	35.0	44.0	1.0	1.0	.226	.193	92	91	SW 3	W 4	10	5	—	Dull day.
18	29.94	29.95	40.0	35.0	32.0	43.0	2.0	1.0	.207	.184	84	90	NW 3	W 3	7	0	—	Fine and frosty.  p.
19	29.77	29.62	43.0	44.0	32.0	45.0	1.0	3.0	.255	.224	92	77	SW 6	SW by W 6	10	10	—	—
20	29.51	29.64	47.0	48.0	43.0	49.0	1.0	1.0	.298	.309	93	93	W 7	W 6	10	10	.223	 n.
21	29.75	29.81	47.0	48.0	47.0	49.0	1.0	2.0	.298	.285	93	86	SW by W 6	W 6	10	10	.002	Overcast, with  all day.
22	29.76	29.79	46.0	46.0	44.0	50.0	1.0	1.0	.287	.287	93	83	SW 7	SW 2	4	9	.002	Fine and bright a.
23	29.67	29.38	46.0	44.0	42.0	49.0	1.0	2.0	.287	.244	93	84	SW 7	S 5	9	10	—	Dull day.  (mist).
24	28.77	28.64	42.0	32.0	31.0	45.0	2.0	1.0	.225	.157	85	87	S 6	W 6	10	10	.132	 p.
25	28.65	28.97	29.0	33.0	26.0	35.0	1.0	1.0	.130	.167	82	89	W 5	NW 7	2	5	.010	 . Fine and frosty.  * p.
26	29.23	29.28	28.0	23.0	22.0	33.0	2.0	2.0	.097	.063	64	52	NW 6	NW 4	4	3	—	 . Fine and frosty.
27	29.16	28.96	27.0	31.0	20.0	31.0	1.0	1.0	.114	.148	79	85	NW 3	S 3	9	10	.028	Dull and frosty.  (mist).
28	28.73	29.18	34.0	29.0	27.0	37.0	0.0	2.0	.196	.106	100	67	NW 4	NW 6	10	2	.035	 (mist) a.  noon.
29	29.58	29.83	29.0	28.0	23.0	32.0	1.0	1.0	.130	.122	82	80	NW 3	NW 5	2	2	.050	Bright a.  (2 ins. deep) p.
30	30.17	30.43	31.0	29.0	23.0	34.0	1.0	1.0	.148	.130	85	82	NW by N 5	NW 1	3	0	.002	 . Clear and frosty.
31	30.64	30.64	30.0	35.0	24.0	40.0	1.0	2.0	.140	.164	83	80	NW by N 1	E 1	6	0	—	. Bright and frosty.
Mean	29.617	29.645	38.6	38.1	33.6	43.1	1.5	1.6	.207	.200	85.5	83.2	5.0	5.0	7.5	6.2	0.841	

SCARBOROUGH.—JANUARY 1902.

Height above Mean Sea Level, 62 feet. Heights above Ground:—Bar., 65 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 24' W. Lat. 54° 18' N. Gravity Correction, +.025 in.

1	29.52	29.08	41.2	43.0	40.0	47.0	0.7	0.5	.243	.266	94	96	SW	4	S	3	4	10	.24	●. Dull and overcast.
2	28.89	.22	42.8	46.2	41.0	48.5	1.6	2.2	.240	.262	87	84	SW	4	SW	3	3	4	.01	
3	29.72	.62	41.0	49.5	38.5	50.5	1.0	0.7	.235	.335	92	95	SW	3	SW	4	4	10	.02	Overcast all day.
4	.58	29.51	45.0	41.5	41.5	51.2	2.2	2.5	.250	.211	83	80	W	4	W	6	10	4	—	Overcast till 7p.
5	29.78	30.06	42.8	40.2	39.5	45.0	3.3	2.7	.208	.196	76	79	NW	3	NW	4	4	3	—	Fine day.
6	30.01	.20	49.5	46.5	36.5	51.0	3.0	2.5	.280	.259	79	81	W	6	NW	2	4	3	—	⊕. Dull. Fine evening.
7	.30	.30	46.5	44.0	43.5	49.5	2.5	2.0	.258	.243	81	84	W	5	W	3	8	8	—	Dull day.
8	30.27	30.10	41.8	42.0	38.0	46.5	1.8	2.0	.227	.225	86	84	WSW	3	SW	2	8	10	—	Dull, with .
9	29.85	29.77	41.0	45.5	39.2	51.5	1.8	2.0	.219	.259	86	95	SW	3	SW	5	10	8	—	. Dull day.
10	29.81	29.76	43.5	41.5	38.0	51.0	1.5	1.0	.249	.239	87	92	SW	2	SW	1	10	10	.34	. Dull and overcast, with ●.
11	30.00	30.04	34.8	34.0	33.0	43.0	1.8	1.5	.166	.166	82	84	W	3	W	1	8	8	.04	. Dull and overcast, with ●.
12	29.85	29.92	38.2	35.5	32.5	43.2	0.4	1.5	.223	.178	96	86	SW	3	W	3	10	4	—	Dull day.
13	30.17	30.31	36.0	33.0	32.0	38.5	3.5	0.5	.148	.177	70	93	N	4	N	5	8	10	—	Very clear ga., then dull.
14	.50	.54	33.0	33.5	30.0	35.2	2.5	0.5	.138	.181	73	94	NW	4	NW	4	10	8	—	Cold, dull day.
15	.49	.33	34.0	42.0	27.0	43.2	0.4	1.0	.187	.245	95	92	W	5	W	3	10	8	.04	Cold, dull day.
16	.39.	.42	45.0	45.0	39.0	50.0	2.2	2.0	.250	.254	84	84	NW	4	NW	2	8	2	—	Cold, dull day.
17	.38	.22	42.5	38.5	37.5	48.0	1.3	1.7	.243	.199	90	86	SW	2	SW	2	10	4	—	
18	.17	30.18	37.0	38.2	35.0	45.0	1.8	1.4	.186	.203	84	87	W	3	SW	2	6	4	—	Dull day.
19	30.17	29.95	36.0	42.2	33.0	48.2	1.2	1.2	.188	.242	89	90	W	3	W	5	10	10	.01	Fine mid-day.
20	29.83	29.89	47.8	48.8	42.2	50.0	0.6	0.6	.317	.329	95	95	W	6	SW	3	8	10	.08	Dull and overcast.
21	30.03	30.05	47.8	47.5	46.0	50.5	0.6	1.3	.317	.297	95	90	W	4	SW	3	9	4	.02	Dull day. Fine evening.
22	.93	30.03	46.8	47.0	45.0	52.5	1.3	1.0	.289	.298	90	92	NW	4	SW	3	10	6	.01	Dull, fine intervals.
23	30.02	29.77	46.0	47.0	44.0	51.2	0.5	0.5	.298	.309	96	96	W	3	SW	4	6	10	.02	Fine day. to S.E.
24	29.23	28.90	42.2	35.0	35.0	47.0	1.7	0.5	.232	.193	86	94	SW	4	SW	3	8	8	.06	Dull day.
25	28.94	29.09	30.8	36.0	28.0	38.5	0.6	1.5	.156	.182	90	86	W	3	W	6	2	10	.02	Fine day. Overcast n.
26	29.46	.52	26.5	29.2	25.0	37.0	0.5	1.0	.127	.133	88	83	W	6	W	6	4	2	—	Fine, but very cold.
27	29.39	.22	30.5	33.0	24.0	35.0	1.5	0.8	.133	.171	77	90	W	2	W	4	8	8	.07	. at night.
28	28.95	.32	35.5	36.5	32.0	41.0	1.5	0.5	.178	.205	86	95	SW	3	N	6	4	6	.04	
29	29.77	29.99	30.0	32.0	26.0	37.2	1.5	0.5	.127	.169	77	93	NW	4	W	1	4	8	.21	*. Fine at intervals.
30	30.31	30.62	36.5	39.0	36.5	40.2	2.5	3.2	.170	.177	78	74	NE	5	N	6	8	6	.02	6.45a. Cloudy day.
31	30.79	30.80	36.5	37.5	36.5	40.0	1.7	3.0	.182	.169	85	76	E	3	NE	6	4	3	—	Very fine.
Mean	29.889	29.894	39.6	40.3	35.8	45.3	1.6	1.4	.215	.225	85.7	87.7	3.7	3.6	7.1	6.7	1.25			

CRONKBORNE.—JANUARY 1902.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29' W. Lat. 54° 10' N. Gravity Correction, +.024 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.		
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
1	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%	SW 3	SSW 7	7	10	ins.	Dull a. ☉ showers p. ☉ n. Fine day. Squally ☉

HILLINGTON.—JANUARY 1902.

Height above Mean Sea Level, 88 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 3 feet 6 inches.
Long. 0° 33' E. Lat. 52° 48' N. Gravity Correction, +0.21 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.	
							Dep. of Wet.		Vapour Pressure.		Percentage.								
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.
1	ins.	ins.	41.1	45.3	38.7	51.4	0.5	0.6	in.	in.	%	%	SW 2	SW 4	6	10	ins.	Much cir. 0.0 9p. 0.2 11p.	
2	29.66	29.28	41.1	44.0	47.6	43.1	49.1	2.2	2.9	2.39	2.62	83	79	W 4	W 5	7	10	0.02	Cloudy. 0.0 at times. 1.0 n.
3	0.06	0.83	38.7	50.0	38.2	50.5	0.8	1.3	2.18	3.27	93	91	SW 1	SW 2	2	10	—	Cloudy and mild.	
4	0.72	29.71	49.9	42.0	41.0	51.6	1.3	1.3	2.25	2.38	91	89	SW 5	NW 5	10	0	0.32	all day.	
5	29.86	30.23	41.9	34.7	32.3	45.4	2.1	0.9	2.22	1.84	83	91	NW 3	SW 2	6	5	0.01	Very fine and sunny.	
6	30.19	33	46.3	43.8	34.7	48.6	1.7	1.2	2.74	2.59	87	90	SW 3	SW 1	9	6	—	Very fine and mild.	
7	0.45	0.45	42.5	43.9	39.0	47.5	0.8	2.1	2.54	2.40	94	83	SW 2	WSW 2	10	10	—	Fair, but cloudy.	
8	0.40	0.25	41.4	41.4	40.3	44.3	1.6	1.7	2.26	2.25	87	86	SW 1	SW 2	10	10	—		
9	30.04	30.00	41.2	49.7	39.1	51.4	1.5	1.0	2.27	3.30	87	93	SW 3	SW 4	8	10	—	Cloudy day.	
10	29.92	29.85	47.2	48.1	46.1	52.4	0.8	1.0	3.05	3.11	94	92	SW 4	SW 3	10	10	0.04	Sunless, breezy, and mild.	
11	30.02	30.10	37.1	38.1	36.7	49.4	1.3	0.5	1.96	2.19	88	95	W 2	NNE 1	10	10	—	Sunless day.	
12	29.97	30.00	42.4	39.8	37.2	47.3	0.6	2.6	2.58	1.94	95	79	SW 3	NW 2	10	8	0.01	0.0 early a. Sunless and breezy	
13	30.20	34	35.0	34.5	30.9	40.4	1.8	3.2	1.69	1.40	82	70	N 2	N 1	10	10	—	Sunless day. 0.0 1.0 p.	
14	0.50	0.68	34.1	30.5	30.0	36.5	1.4	0.8	1.68	1.49	85	87	N 2	Calm 0	10	3	0.06	* at times. 0.0 in afternoon.	
15	0.68	0.53	27.9	38.0	22.5	38.8	1.1	2.1	1.19	1.88	78	82	W 2	W 3	6	8	0.02	Dull day. 0.0 n.	
16	0.28	0.49	43.1	42.0	32.0	44.4	1.9	1.2	2.37	2.40	85	90	NW 2	Calm 0	10	8	—		
17	0.44	0.32	37.1	38.2	34.4	44.5	0.4	0.5	2.13	2.20	96	95	Calm 0	Calm 0	10	10	0.02	0.0 n.	
18	0.22	0.33	32.5	28.4	27.8	43.3	2.8	0.2	1.27	1.49	68	96	SW 1	W 1	2	0	—	Very fine and sunny.	
19	0.32	0.18	24.9	37.5	24.9	37.5	0.2	0.6	1.26	2.13	94	94	SW 1	SW 3	4	10	—	Cloudy, then sunny.	
20	0.07	0.07	44.0	48.2	36.8	49.5	1.7	0.9	2.50	3.15	86	93	SW 3	SW 3	10	10	—	Sunless day.	
21	0.17	0.21	45.1	45.0	45.0	52.5	1.4	1.1	2.66	2.73	89	91	Calm 0	Calm 0	10	0	—	Sunless but warm.	
22	0.18	30.16	45.0	47.5	41.0	50.6	1.2	0.2	2.71	3.24	91	99	SW 2	SW 2	8	10	0.09	Sunless day. 0.0 in afternoon.	
23	30.07	29.86	45.2	45.5	43.8	49.4	0.4	0.8	2.92	2.86	97	94	SW 1	SW 3	10	10	0.06	Sunless day. 0.0 in afternoon.	
24	29.37	0.07	40.0	35.0	35.0	46.9	1.1	0.3	2.25	1.97	91	96	SW 4	SW 2	10	4	0.05	0.0 Dull day.	
25	0.01	0.22	31.4	34.9	27.9	38.8	1.5	1.6	1.42	1.72	80	85	S 1	NW 3	2	10	—	Sunshine and cloud.	
26	0.57	0.58	30.4	30.1	29.0	38.2	0.7	0.3	1.51	1.58	89	94	NW 3	W 1	2	3	0.14	Fine a. 1.30p. and n.	
27	0.40	0.37	32.4	33.1	26.2	34.8	0.6	0.4	1.70	1.80	91	94	SE 2	SE 1	10	10	0.10	Very cold miserable day. 0.0 n.	
28	0.03	29.37	36.4	35.1	33.0	41.8	0.7	0.4	2.01	1.96	93	95	W 1	NW 3	2	6	—	Sun and cloud. Breezy.	
29	29.86	30.08	30.1	34.7	29.0	38.0	0.4	0.3	1.56	1.95	93	96	NW 3	NE 2	0	6	0.18	Very fine and breezy. 0.0 n.	
30	30.24	30.24	32.7	35.9	28.1	38.5	0.5	0.4	1.75	2.03	93	96	NE 3	NE 3	10	6	—	Very fine.	
31	30.74	30.68	35.0	34.7	34.0	39.1	0.3	0.0	1.97	2.01	96	100	NE 4	NE 4	3	0	—	Beautiful day. 0.0	
Mean	29.983	30.018	38.6	39.8	34.8	44.9	1.1	1.0	2.14	2.28	88.9	90.6	2.3	2.2	7.3	7.2	1.28		

CHURCHSTOKE.—JANUARY 1902.

Height above Mean Sea Level, 538 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5' W. Lat. 52° 31' N. Gravity Correction, +0.18 in.

1	29.13	28.54	41.6	46.4	38.8	46.5	0.9	0.7	.243	.298	93	94	SW 1	SW 5	5	10	.490	Rough, with steady ●.
2	28.67	29.07	44.6	45.6	41.6	50.1	0.9	2.5	.274	.249	93	82	WNW 5	W 4	10	5	.080	Stormy, with ●.
3	29.35	32	49.7	50.2	42.8	54.3	1.0	1.9	.330	.315	93	87	SW 1	WSW 3	9	5	.020	Low clouds. Mild.
4	.23	.32	49.7	40.8	40.3	52.1	0.9	2.6	.333	.203	93	79	W 4	W 5	10	0	.150	Steady ●.
5	.58	.85	43.0	43.6	37.0	45.6	2.3	1.4	.228	.252	82	88	WNW 2	WNW 2	8	10	.020	● showers.
6	29.91	29.99	44.6	44.8	43.6	47.2	1.1	2.5	.269	.241	91	81	W 3	NW 1	9	5	—	Squally and cloudy.
7	30.01	30.00	43.6	40.9	40.8	46.1	2.9	0.9	.222	.237	78	93	WNW 1	Calm 0	8	10	—	Dull and cool.
8	29.89	29.70	42.6	40.8	40.7	44.0	2.4	1.3	.223	.227	81	89	SW 1	SSE 1	10	10	.015	Cloudy and still.
9	.48	.59	50.0	48.3	40.4	51.1	2.7	2.6	.295	.275	81	81	SW 3	WSW 3	8	4	.020	● showers.
10	.41	.40	48.7	49.7	46.0	50.6	0.3	1.1	.336	.328	98	92	SW 2	SW 2	10	10	.030	Warm and damp.
11	.57	.58	36.7	38.0	36.0	51.1	0.8	0.3	.201	.223	93	97	SW 1	SW 1	10	10	.020	Raw and still.
12	.50	.58	42.6	36.7	36.3	46.3	0.9	2.0	.253	.179	93	82	W 1	E 1	10	2	—	Cloudy and still.
13	29.75	29.90	28.5	25.9	25.8	37.4	0.8	0.7	.133	.116	85	83	E 1	NE 1	10	0	—	—
14	30.05	30.23	21.7	20.2	19.7	31.6	0.0	0.5	.116	.090	100	83	E 1	NE 1	8	0	—	—
15	.22	.14	30.2	41.4	19.6	41.8	0.7	1.7	.149	.225	89	86	NW 1	W 2	10	8	—	—
16	30.16	30.08	41.6	42.6	40.3	46.3	1.3	1.1	.235	.249	89	91	W 1	SW 1	10	10	—	Cloudy day.
17	29.99	29.82	36.2	35.5	33.2	47.7	0.5	0.6	.204	.196	95	94	SSW 1	SW 1	6	10	—	Bright, still, and springlike.
18	.77	.80	33.1	28.9	29.7	39.5	0.8	1.2	.172	.125	90	78	W 1	WNW 1	10	0	—	Cloudy a. Bright p. Large 0.
19	.78	.68	36.8	44.6	26.8	45.1	4.2	2.3	.145	.243	65	83	SW 1	SW 3	6	6	—	—
20	.57	.62	47.2	47.7	43.8	50.1	3.0	1.7	.255	.289	79	87	SW 4	W 4	10	8	—	Squally.
21	.69	.75	48.6	48.1	47.6	52.9	2.4	1.4	.284	.302	82	89	W 3	W 2	10	10	—	Rough in night. Springlike.
22	.69	.68	48.6	46.9	46.8	50.3	2.4	1.3	.284	.290	82	90	WSW 2	W 1	10	10	.010	Cloudy and mild.
23	29.57	29.30	46.4	42.6	41.8	48.9	0.7	1.9	.298	.232	94	85	W 1	SW 1	10	10	.070	Cloudy, with 0.
24	28.71	28.57	40.4	32.1	31.4	44.1	1.2	0.4	.225	.172	90	94	S 4	NW 2	10	9	.100	0.0 storms. ✱ in evening.
25	28.02	28.88	29.7	34.1	25.4	37.4	0.5	2.4	.150	.151	91	76	W 2	NW 2	8	4	.070	✱☒. Cold wind.
26	29.27	29.13	34.6	32.7	27.6	35.4	2.1	0.4	.160	.177	80	94	WNW 4	SE 1	6	10	.140	✱
27	28.88	28.84	41.6	42.4	32.4	44.1	0.4	2.2	.254	.225	97	83	SW 3	W 4	10	10	.330	Stormy, with ●.
28	28.57	28.97	36.9	31.7	31.4	43.3	0.7	1.8	.205	.138	93	78	W 1	NW 2	8	6	.060	Low clouds. Squally, with ▲.
29	29.49	29.66	29.6	32.3	25.2	40.0	1.7	0.6	.119	.170	73	91	NW 2	NW 2	5	1	.038	— Bright and sharp. ✱ p.
30	29.97	30.16	26.9	26.9	20.6	35.8	2.0	0.4	.080	.133	60	91	NW 1	NW 1	4	0	—	— Bright and very sharp.
31	30.24	30.21	33.7	32.2	25.8	36.4	2.0	1.0	.154	.160	80	87	E 2	NE 6	8	4	—	—
Mean	29.539	29.560	39.7	39.2	34.8	44.9	1.4	1.4	.220	.216	86.5	86.7	2.0	2.1	8.6	6.4	1.723	—

CAMBRIDGE.—JANUARY 1902.

Height above Mean Sea Level, 83 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 9 1/2 inches.
Long. 0° 6' E. Lat. 52° 13' N. Gravity Correction, +0.19 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.		
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
1	ins.	ins.	42.7	46.9	39.6	53.0	1.0	2.0	2.52	2.74	92	86	SW 2	SW 5	7	10	ins.	Fine a. (gale) n.
2	29.73	29.26	42.7	46.9	39.6	53.0	1.0	2.0	2.52	2.74	92	86	SW 2	SW 5	7	10	0.090	Fine day.
3	0.14	0.49	45.7	48.3	44.2	53.0	3.1	3.5	2.39	2.57	78	86	SW 1	SW 3	0	10	—	Fine day.
4	0.89	0.88	39.7	51.3	38.0	52.4	0.8	1.7	2.28	3.34	93	88	SW 1	SW 5	0	10	—	Fine day.
5	0.79	0.80	50.3	43.0	42.0	54.0	1.3	2.0	3.31	2.34	91	84	SSW 4	SW 3	10	0	0.100	Gloomy day. 2p-7p.
6	29.96	30.34	42.7	38.5	36.3	48.0	2.9	1.2	2.14	2.09	79	90	WSW 4	NW 3	5	0	—	Fine day.
7	30.31	4.3	45.4	42.8	34.8	51.3	2.2	1.7	2.53	2.38	84	87	W 3	SW 1	10	0	—	
8	0.52	0.53	42.7	42.4	39.3	49.3	1.8	2.1	2.36	2.27	86	84	SW 2	SW 2	10	10	—	
9	0.45	0.30	42.7	41.2	40.0	44.2	2.7	2.0	2.18	2.17	80	85	SW 1	SW 1	10	10	—	
10	30.10	30.04	42.7	52.8	38.5	53.1	1.9	2.6	3.34	3.30	86	82	SW 3	SW 6	10	10	—	
11	29.97	29.92	48.1	48.8	45.9	53.5	1.1	1.9	2.08	3.00	92	86	SW 3	SW 5	10	5	0.049	Gloomy day. n.
12	30.07	30.14	40.4	38.7	37.2	51.9	0.2	0.8	2.44	2.20	99	94	N 1	N 1	10	10	0.002	Gloomy, with (mist).
13	0.01	0.02	43.4	45.2	37.4	47.1	0.3	1.2	2.73	2.73	97	91	SW 1	NW 3	10	10	—	a.
14	0.24	0.38	29.3	33.8	27.8	46.2	0.2	1.7	1.55	1.60	97	82	N 1	N 2	10	10	—	Fine day.
15	0.55	0.71	28.1	29.0	26.4	36.7	0.3	0.6	1.44	1.42	94	89	NNW 1	NNW 2	10	0	—	a. Fine and clear.
16	0.75	0.60	26.9	37.1	21.1	38.1	0.7	1.1	1.23	1.99	85	90	SW 1	SW 3	10	10	—	
17	0.55	0.55	38.9	44.0	35.1	46.2	1.1	1.3	2.16	2.59	92	90	WSW 2	SW 2	10	10	—	
18	0.46	0.31	41.0	38.7	37.0	46.0	0.3	0.4	2.50	2.27	98	86	WNW 1	Calm 0	10	10	—	
19	0.27	0.30	33.6	31.0	30.1	46.7	0.5	0.9	1.82	1.51	93	86	Calm 0	NW 1	0	0	—	
20	0.34	0.24	28.5	36.0	26.1	43.8	0.3	1.0	1.47	1.93	95	91	SW 1	SW 2	0	10	—	
21	0.11	0.15	44.7	48.0	34.7	50.2	1.8	1.8	2.55	2.90	87	87	SW 5	SW 5	10	10	—	
22	0.21	0.26	47.4	48.3	46.0	52.8	1.6	2.4	2.88	2.81	89	83	SW 3	SW 3	10	10	—	
23	0.22	0.18	47.0	48.2	42.2	52.8	1.2	0.3	2.93	3.30	92	98	SW 3	SW 2	10	10	0.020	n.
24	30.12	29.91	44.4	46.0	42.0	49.3	0.3	0.7	2.84	2.94	97	95	SW 2	SW 2	10	10	0.020	(mist). Gloomy day.
25	29.38	0.10	42.1	35.7	34.4	48.0	2.3	1.1	2.20	1.90	83	90	S 5	SW 5	10	0	0.018	Gloomy, with n.
26	0.08	0.31	31.3	34.3	28.6	39.9	1.0	2.0	1.52	1.59	86	80	WSW 2	W 4	0	10	—	a. Fine and clear.
27	0.68	0.65	31.4	35.0	28.0	40.3	0.5	1.0	1.66	1.84	94	90	W 5	SW 3	10	10	0.133	n.
28	0.35	0.40	34.2	36.7	31.9	38.1	0.1	0.3	1.95	2.12	98	98	Calm 0	Calm 0	10	10	0.022	(mist). Overcast all day.
29	0.10	29.41	38.9	35.4	34.3	46.4	0.9	1.2	2.19	1.84	93	89	SW 4	NW 5	4	3	0.002	Squally n.
30	29.88	30.05	28.9	34.7	26.0	38.1	2.2	1.4	1.01	1.74	64	86	N 5	NW 5	0	5	0.018	a. Clear till 5p. 6p.
31	30.35	0.58	28.1	30.3	25.1	39.3	0.1	0.7	1.51	1.50	98	89	N 5	N 4	1	0	—	4p. n.
Mean	30.68	30.41	38.9	40.5	34.8	46.8	1.2	1.4	2.17	2.27	89.5	87.7	2.6	3.0	7.3	6.9	0.454	(gale) n.

WOOLACOMBE.—JANUARY 1902.

Height above Mean Sea Level, 59 feet. Heights above Ground:—Bar., 20 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 4° 12' W. Lat. 51° 10' N. Gravity Correction, +.016 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.		
								Dep. of Wet.		Vapour Pressure.		Percentage.								
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.	
	ins.	ins.	°	°	°	°	ins.	ins.	%	%							ins.			
1	29.71	29.16	47.5	50.9	45.4	52.0	1.5	0.8	292	352	89	94	SW	4	SW	6	3	10	26	Heavy ground sea all day.
2	44	73	49.7	49.5	47.4	51.8	2.2	1.0	302	328	85	93	SW	5	SW	4	10	7	03	Ground sea all day. Sea \approx from [8p.
3	97	29.99	49.7	48.7	47.0	49.8	1.0	1.0	330	318	93	92	SW	4	SW	4	10	10	02	Fog on hills.
4	29.88	30.00	50.7	46.7	45.8	50.8	0.8	3.3	349	244	94	77	SW	5	W	5	10	1	17	Fog on hills.
5	30.24	47	46.1	46.9	45.2	47.6	0.9	1.1	290	295	93	92	W	4	W	4	7	1	—	
6	54	58	48.3	47.7	46.6	49.0	1.5	1.9	302	285	88	86	W	4	W	3	9	9	—	Gloomy day.
7	60	56	47.3	45.9	45.9	49.0	2.9	2.7	259	248	79	80	W	4	SW	4	9	10	—	Great visibility all day.
8	46	24	44.7	43.3	43.0	46.0	2.3	2.3	244	231	83	82	S	2	SE	4	10	10	—	Overcast.
9	14	10	50.5	49.1	43.0	52.0	1.0	0.8	340	329	93	94	SW	4	SW	3	9	8	—	Overcast, with ☉.
10	05	03	49.1	49.9	48.0	51.0	0.8	0.6	328	344	94	96	SW	4	SW	4	9	10	02	Distant < 8p.
11	09	07	48.3	47.7	47.0	51.0	0.8	0.9	318	308	94	93	SW	3	SE	2	10	10	01	Overcast, with ☉.
12	03	05	47.1	43.1	43.0	50.0	1.7	1.5	283	245	87	88	SE	2	NE	1	5	3	—	Ground sea a.
13	19	35	39.5	38.1	37.6	44.2	2.5	2.3	193	186	80	80	NE	4	SE	3	10	10	—	Gloomy day.
14	53	76	35.3	30.3	30.0	39.6	2.9	1.5	152	131	75	77	NE	3	E	3	9	0	—	— a. ∞ p.
15	81	78	37.1	46.3	29.2	46.8	2.3	1.5	178	278	80	88	SE	3	W	4	4	3	—	
16	75	65	46.1	40.5	39.6	47.6	2.1	1.3	263	225	84	89	NW	4	E	1	7	3	—	☉ 7p. ☁ p.
17	50	34	40.7	37.7	37.4	48.0	1.5	1.3	223	236	87	89	NE	1	E	1	1	10	—	Fog at sea, and on hills all day.
18	30	34	42.5	39.1	37.4	45.0	3.1	2.7	208	187	77	78	NE	2	E	1	8	8	—	Overcast.
19	37	30	41.5	46.9	36.2	47.0	2.7	0.9	207	299	79	93	SE	1	SW	3	10	10	—	Overcast and gloomy.
20	27	32	48.3	48.3	46.4	49.0	1.7	1.0	296	313	88	92	SW	4	SW	4	9	9	—	Gloomy day.
21	33	36	48.3	47.9	47.4	48.6	0.8	0.8	318	315	94	94	SW	4	W	3	8	8	03	Gloomy, with ☉.
22	81	30.24	48.5	48.5	47.0	49.6	1.0	1.0	316	316	92	92	SW	2	SW	2	10	10	—	Overcast.
23	30.13	29.79	48.5	45.5	45.2	49.6	1.2	2.7	311	244	91	80	S	2	S	4	10	10	13	Gloomy, with ☉ showers.
24	29.35	12	45.3	38.3	36.4	47.6	2.5	1.9	246	194	81	84	SW	5	SW	5	8	9	05	▲ 2p. and 9.30p.
25	22	55	38.5	42.7	35.4	43.0	2.9	3.5	179	204	77	74	NW	5	NW	5	6	7	—	▲ 8.30a.
26	90	64	40.9	44.9	38.8	45.2	3.9	0.7	182	281	70	94	NW	4	SW	2	10	10	24	Sea fog p. Overcast.
27	53	43	46.7	45.3	43.6	48.4	1.9	0.5	274	290	86	96	W	5	SW	5	6	10	10	
28	29.09	29.63	44.7	39.9	39.9	46.4	2.9	1.7	232	212	78	86	SW	6	NW	2	7	9	07	▲ a. Rough sea.
29	30.06	30.24	37.9	42.7	35.4	43.0	4.1	2.5	155	222	68	81	N	3	NW	4	1	8	02	Visibility all day. Very fine.
30	47	59	35.3	37.1	34.0	43.4	5.1	2.9	119	168	57	76	NE	4	NE	3	0	5	—	Very fine.
31	30.65	30.52	38.3	35.7	35.4	39.8	2.7	3.5	181	146	78	70	NE	5	NE	6	7	0	—	Gloomy, then clear.
Mean	30.126	30.126	44.6	44.2	41.3	47.5	2.1	1.7	254	257	83.7	86.5	3.6	3.4	7.5	7.4	1.15			

SOUTHAMPTON.—JANUARY 1902.

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24' W. Lat. 50° 55' N. Gravity Correction, +.016 in.

1	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	SW	3	SW 6.5	5	10	0.355	0.355	showers. (gale) p.
2	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	WSW	4.5	NW 4	8	0	0.355	0.355	(gale) till 6a. Fine day.
3	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	SW	2	SW 3.5	10	10	0.08	0.08	0. a.
4	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	SW	2	SW 3.5	10	10	0.08	0.08	0. a. till 6p.
5	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	W	3	W 2.5	10	0	0.08	0.08	Fine and sunny. D p.
6	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	W	2.5	NW 2.5	10	10	0.08	0.08	Fine and mild.
7	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	NW	2.5	NW 2.5	9	10	0.08	0.08	
8	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	SW	2	SW 3.5	10	10	0.08	0.08	Overcast all day.
9	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	SW	3	SW 4	10	10	0.08	0.08	Overcast all day. 0 from sp.
10	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	SW	2.5	SW 4	10	2	0.08	0.08	0 till 10a.
11	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	WSW	2	SW 2	10	10	0.08	0.08	
12	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	S	2	S 2	10	0	0.08	0.08	D a. Fine and pleasant. D p.
13	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	NE	2.5	NE 3.5	10	10	0.08	0.08	Dull and overcast.
14	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	NE	3	NE 3.5	10	0	0.08	0.08	Sunny intervals. 0 p.
15	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	NE	3	SW 3	10	10	0.08	0.08	0. a. Fine and sunny. 0 p.
16	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	W	2.5	NW 3	10	10	0.08	0.08	(sleet) in past n. 0 p.
17	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	NW	2	NW 2	10	10	0.08	0.08	0. a. Dull all day.
18	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	NE	2.5	NE 2	10	8	0.08	0.08	Dull all day. 0 p.
19	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	NE	1.5	SW 1.5	10	10	0.08	0.08	0. a. D p.
20	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	SW	4	SW 4.5	10	10	0.08	0.08	
21	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	SW	3.5	WSW 2.5	10	10	0.08	0.08	Cloudy day.
22	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	WSW	1.5	WSW 1.5	10	10	0.08	0.08	(mist) a. Dull day.
23	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	WSW	1.5	SW 3	10	10	0.08	0.08	0 a. Dull day. 0 7p.
24	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	SW	5	SW 3	10	8	0.08	0.08	0 a.-noon.
25	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	NW	3	WNW 1	5	0	0.08	0.08	0. a. and p. Fine and bright.
26	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	NW	2	W 1	0	10	0.08	0.08	0. a. Bright till 1p. 0 6p-8p.
27	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	NW	2	WSW 1	5	10	0.08	0.08	0 a.-6a. Bright till noon.
28	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	WNW	0.5	NW 3	4	0	0.08	0.08	0 showers a. Fine p.
29	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	N	3.5	NW 3	0	0	0.08	0.08	0 a. and p. Cold wind. 0 10p.
30	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	N	4	N 4.5	0	0	0.08	0.08	0 a. and p. Sunny day.
31	29.79	29.32	45.6	47.4	42.8	51.8	0.6	1.1	292	301	96	92	NE	5	NE 6	10	0	0.08	0.08	Dull, with cold wind.
Mean	30.110	30.123	41.5	41.7	37.6	47.1	1.5	1.4	236	239	87.5	88.6	2.7	3.0	8.3	6.4	1.060			

PLYMOUTH.—JANUARY 1902.

MARKREE CASTLE.—JANUARY 1902.

Height above Mean Sea Level, 122 feet. Heights above Ground :—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27' W. Lat. 54° 11' N. Gravity Correction, +.024 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ing	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.			
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.							
	ins.	ins.	41° 8'	45° 7'	37° 8'	49° 8'	1° 6'	0°	in.	in.	%	%					ins.		
1	29° 24'	28° 73'	41° 8'	45° 7'	37° 8'	49° 8'	1° 6'	0°	231	256	88	84	S	4	S	4	10	1	46
2	° 05	29° 52'	47° 2'	46° 1'	42° 0'	48° 3'	1° 9'	1° 3'	280	268	87	86	W	4	SSW	3	2	4	° 02
3	° 53	° 58	51° 0'	45° 4'	44° 4'	52° 3'	0° 7'	2° 0'	356	258	95	86	S	5	S	4	10	0	° 05
4	29° 56'	29° 07'	42° 8'	41° 8'	39° 6'	47° 8'	2° 5'	2° 0'	223	215	81	81	S	3	SW	6	6	2	° 16
5	30° 11'	30° 25'	44° 2'	47° 0'	41° 6'	48° 8'	3° 3'	2° 1'	220	273	75	85	NW	4	S	5	0	10	° 01
6	° 36	° 37	48° 0'	46° 4'	46° 0'	49° 0'	2° 0'	1° 4'	285	282	86	90	SSW	2	S	2	10	10	° 02
7	° 35	30° 28'	46° 6'	45° 5'	45° 3'	49° 1'	1° 6'	1° 7'	280	266	89	88	SSW	3	S	2	10	10	—
8	30° 15'	29° 85'	44° 3'	47° 4'	43° 3'	47° 8'	1° 6'	1° 8'	256	284	88	87	S	3	S	6	10	9	° 10
9	29° 71'	° 80	45° 3'	41° 3'	40° 9'	48° 9'	1° 5'	1° 7'	268	225	89	87	SW	4	S	2	10	1	° 11
10	° 69	° 87	37° 4'	37° 8'	37° 3'	42° 3'	0° 5'	0° 6'	214	215	96	95	N	1	Calm	0	10	10	° 28
11	° 98	29° 88'	38° 8'	39° 8'	34° 6'	39° 8'	1° 4'	0° 8'	185	228	88	94	ESE	1	SE	1	10	10	° 21
12	29° 89	30° 07'	42° 2'	31° 3'	30° 6'	42° 5'	0° 2'	0° 4'	265	167	98	95	S	1	NE	0° 5'	10	0	—
13	30° 23'	° 35	26° 9'	28° 0'	26° 7'	38° 3'	0° 9'	0° 8'	117	128	81	84	N	0° 5'	NE	0° 5'	1	0	—
14	° 47	° 60	31° 3'	26° 6'	26° 3'	35° 5'	1° 1'	0° 3'	149	135	84	94	SE	1	Calm	0	0	2	—
15	° 60	° 58	36° 4'	44° 2'	26° 6'	46° 3'	0° 3'	1° 1'	209	265	97	92	S	2	S	3	9	10	—
16	° 58	° 51	44° 8'	42° 7'	42° 3'	48° 5'	1° 6'	1° 1'	260	250	88	91	SSW	2	S	1	10	10	—
17	° 32	° 20	36° 0'	38° 3'	35° 0'	43° 2'	1° 0'	0° 5'	193	221	91	96	SE	0° 5'	SE	0° 5'	8	10	—
18	° 12	30° 08'	37° 7'	42° 3'	36° 5'	42° 8'	0° 9'	1° 1'	209	246	92	92	SE	1	SSW	4	9	10	° 03
19	30° 06'	29° 89'	42° 2'	47° 5'	40° 8'	47° 7'	1° 3'	2° 0'	241	281	90	86	SSE	2	SW	5	8	10	° 03
20	29° 88'	29° 96'	49° 5'	50° 2'	46° 8'	50° 6'	0° 7'	1° 4'	336	327	95	91	S	3	SW	5	8	10	° 02
21	30° 03	30° 04'	47° 8'	50° 2'	47° 6'	51° 9'	1° 1'	0° 5'	306	351	92	97	S	3	SSW	2	10	10	° 12
22	30° 04	30° 00'	50° 0'	49° 7'	48° 3'	51° 6'	0° 5'	1° 7'	348	313	97	88	S	2	SW	2	10	10	—
23	29° 79	29° 33	46° 8'	45° 3'	44° 8'	50° 1'	2° 1'	1° 3'	270	272	85	90	SW	5	S	6	10	10	° 28
24	° 08	28° 98'	36° 1'	30° 2'	29° 5'	45° 7'	1° 0'	0° 6'	194	152	91	90	SSW	2	S	0° 5'	10	9	° 67
25	° 02	29° 64'	31° 8'	36° 3'	29° 3'	40° 2'	0° 3'	0° 6'	173	167	96	78	S	1	N	4	10	9	° 32
26	° 70	° 37	34° 7'	34° 6'	33° 6'	38° 3'	1° 1'	0° 5'	180	191	90	95	S	1	SE	3	10	10	° 28
27	° 31	° 06	42° 3'	37° 6'	34° 3'	45° 5'	2° 3'	0° 6'	222	213	83	95	S	2	S	1	3	1	° 23
28	° 09	29° 72	39° 2'	30° 2'	29° 8'	41° 8'	1° 2'	0° 5'	216	155	90	92	N	2	Calm	0	9	1	° 02
29	29° 95	30° 19	39° 9'	29° 6'	26° 9'	41° 8'	1° 1'	0° 0'	145	164	84	100	Calm	0	Calm	0	2	0	° 09
30	30° 43	° 62	33° 3'	30° 3'	27° 7'	39° 1'	1° 7'	1° 6'	156	129	82	76	S	2	SE	1	8	0	—
31	30° 73	30° 71	31° 8'	35° 7'	22° 9'	39° 5'	2° 1'	2° 7'	133	159	74	76	SE	1	E	5	0	0	° 02
Mean	29° 905	29° 925	40° 5'	40° 2'	36° 7'	45° 3'	1° 3'	1° 3'	230	228	88° 5'	89° 1'	2° 2'	2° 5'	7° 6'	6° 1'	3° 83		

DUBLIN (PHŒNIX PARK).—JANUARY 1902.

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

1	29°40	28°78	44°6	47°6	39°1	51°0	1°9	1°0	*252	*305	86	93	SSW 2	WSW 2	7	8	*225	Cloudy day. ● p.
2	°06	29°53	47°6	44°7	43°1	50°2	2°0	1°0	*282	*273	86	93	WSW 3	W 2	8	4	*010	● till 7a. Cloudy day.
3	*62	*65	52°5	50°8	43°9	53°9	0°9	1°5	*370	*333	93	89	SW 2	WSW 2	9	4	*050	Cloudy day. ● 2p.-4p.
4	29°61	29°69	45°0	41°0	39°1	51°9	2°4	2°0	*245	*215	82	84	WSW 2	WSW 3	10	0	*005	Dull and cloudy.
5	30°09	30°25	40°8	46°1	39°0	47°0	1°5	1°4	*223	*279	88	90	W 2	W 2	4	7	—	—
6	*31	*38	46°2	46°4	44°9	49°3	1°3	3°6	*283	*237	91	75	W 2	W 1	7	7	—	Cloudy day.
7	*41	30°37	45°2	44°4	43°1	47°5	1°7	3°4	*262	*220	88	75	SW 1	SW 2	8	7	—	Cloudy day.
8	30°24	29°99	44°3	47°5	42°1	47°8	2°0	3°4	*247	*250	84	77	SW 1	SSW 2	9	8	—	Cloudy day.
9	29°76	*86	48°7	42°5	41°9	53°5	3°0	0°9	*272	*252	80	93	SW 3	Calm 0	8	4	*115	Cloudy day.
10	*69	*85	50°1	39°3	38°4	52°5	1°5	0°2	*323	*236	89	99	SW 1	Calm 0	10	10	*640	Overcast, with ● all day.
11	*97	29°91	37°2	42°2	35°5	42°6	0°5	0°8	*212	*252	95	93	Calm 0	Calm 0	10	10	*045	Dull day. ● 9a.-2p.
12	29°87	30°03	46°1	35°3	32°0	46°9	1°4	1°6	*279	*178	90	86	Calm 0	Calm 0	10	5	*025	Dull day. ● 1p.-3p.
13	30°18	*31	38°4	34°6	31°9	39°0	3°4	2°0	*169	*161	73	80	E 1	Calm 0	8	7	—	Cloudy day.
14	*48	*63	35°6	25°5	23°6	38°1	3°2	0°9	*150	*108	71	78	E 1	Calm 0	6	2	—	—
15	*62	*59	36°7	42°6	22°9	43°4	2°0	1°9	*181	*233	83	86	WSW 1	WSW 2	5	5	—	Cloudy day.
16	*61	*53	43°4	39°2	37°9	46°8	1°7	1°4	*245	*212	87	88	SW 1	Calm 0	9	8	—	Cloudy day.
17	*38	*22	38°3	42°5	30°3	46°6	1°5	3°8	*201	*197	87	73	Calm 0	Calm 0	7	8	—	Fine day.
18	*17	30°15	32°7	43°2	31°5	46°0	1°1	3°2	*163	*213	87	77	Calm 0	Calm 0	5	9	—	Cloudy day.
19	30°12	29°98	44°5	47°0	42°4	48°8	2°0	2°4	*249	*266	85	83	SW 2	SW 2	9	9	—	Cloudy day.
20	29°21	30°02	48°6	49°8	45°7	51°0	1°9	3°0	*297	*285	87	81	WSW 3	WSW 2	10	10	*005	Dull day.
21	30°07	*10	47°8	48°8	46°3	52°9	1°7	2°2	*291	*292	88	84	WSW 2	SW 2	8	4	*010	● 4a.-6a. Cloudy day.
22	30°09	30°04	49°5	49°6	47°9	53°4	0°6	1°4	*328	*319	95	90	SW 1	WSW 1	10	9	*005	● 5a.-8a. Cloudy day. ● 7p.
23	29°50	29°51	46°9	46°6	44°9	50°3	3°4	3°2	*245	*245	78	78	SW 1	SSW 4	6	10	*160	Cloudy day.
24	*10	28°97	39°1	32°3	31°8	47°5	1°4	1°5	*211	*151	89	82	W 1	W 1	7	8	*015	● till 5a. ✱ ² 2p. ☐ 8p.
25	*05	29°56	31°6	35°1	29°8	47°0	0°9	3°0	*157	*149	88	72	WSW 2	NW 1	6	2	*010	✱ showers a. ● showers p.
26	*71	*44	32°4	38°2	28°0	38°7	1°4	0°6	*153	*218	83	95	W 1	Calm 0	9	10	*240	✱ 11a.-1p. ● from 9p.
27	29°32	*12	42°4	42°1	37°1	47°2	1°9	2°0	*231	*226	86	85	W 2	SW 2	7	5	*150	Cloudy day. ● showers from 4p.
28	28°99	29°64	36°6	30°8	30°5	42°9	0°8	1°3	*201	*140	93	81	Calm 0	Calm 0	8	0	—	● showers till 6a. Cloudy day.
29	29°95	30°16	29°5	32°2	24°7	37°0	1°0	0°7	*136	*167	83	91	WSW 1	Calm 0	2	0	—	Bright a. Cloudy p.
30	30°43	*63	24°2	24°0	20°7	37°3	0°7	1°3	*106	*085	82	67	Calm 0	Calm 0	2	4	—	∞ a. Bright p.
31	30°72	30°68	37°7	38°0	22°7	40°8	3°9	4°7	*157	*147	70	64	E 2	E 3	8	0	—	—
Mean	29°930	29°953	41°4	41°0	35°9	46°5	1°8	2°0	*230	*221	85°4	83°3	1°3	1°2	7°5	5°9	1°710	

BIRR CASTLE.—JANUARY 1902.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar., —2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 inches.
Long. 7° 55' W. Lat. 53° 6' N. Gravity Correction, +.021 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.							
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.		
1	29°32	28°80	42°3	46°7	37°5	49°8	1°3	1°7	°242	°279	90	88	SE	1	SE	4	9	0	ins. .560
2	°12	29°52	48°3	47°7	42°5	50°0	2°4	1°1	°281	°304	83	92	SW	5	SW	1	9	10	°038
3	°62	°66	51°2	48°2	46°8	51°8	0°4	0°9	°366	°315	98	94	SW	1	SW	1	10	8	°050
4	29°61	29°73	43°7	40°2	37°8	49°6	1°6	1°6	°249	°216	87	88	SW	1	SW	4	10	9	°061
5	30°13	30°29	41°2	46°7	38°8	50°2	2°0	2°3	°217	°266	85	84	SW	1	SW	2	5	10	—
6	°37	°40	47°2	46°2	45°4	48°2	1°5	2°1	°289	°265	90	86	SW	2	W	2	10	10	°006
7	°40	30°33	44°7	42°8	42°3	46°7	1°3	1°4	°266	°245	99	89	SW	1	SW	1	8	10	—
8	30°19	29°94	43°8	46°7	41°8	47°1	1°2	1°7	°259	°279	91	88	SE	1	SW	3	7	10	°021
9	29°75	°84	49°4	41°1	40°5	50°9	2°5	0°3	°292	°252	83	97	SW	3	SW	1	7	6	°180
10	°67	°82	50°1	38°7	37°8	50°8	0°9	0°2	°338	°231	93	98	SW	2	SW	1	10	10	°430
11	°95	29°86	36°2	43°7	34°9	44°7	0°7	0°7	°201	°269	94	94	SW	1	SE	1	10	10	°033
12	29°85	30°01	43°8	37°6	36°8	46°2	0°5	1°6	°274	°194	96	85	SSE	1	SW	1	10	8	°010
13	30°14	°26	30°5	32°3	29°3	37°9	1°4	1°7	°136	°146	79	80	E	1	E	1	3	9	—
14	°43	°59	33°1	29°1	28°0	37°2	1°3	0°3	°162	°152	85	94	E	1	SE	1	3	0	—
15	°62	°62	31°7	40°5	25°9	43°6	1°0	1°8	°156	°215	87	86	SE	1	SE	1	3	0	—
16	°62	°52	43°7	40°0	37°7	45°4	2°0	1°1	°242	°224	85	91	SE	1	SE	1	9	10	—
17	°35	°19	34°7	38°7	30°9	42°3	0°7	0°9	°188	°218	93	93	ESE	1	SE	1	9	8	—
18	°13	30°12	37°5	40°7	31°2	41°8	1°5	1°6	°195	°220	87	87	SE	1	SE	1	10	10	—
19	30°11	29°99	44°2	44°7	39°6	47°0	0°4	1°7	°281	°257	97	87	SW	1	SW	2	10	9	°019
20	29°95	30°02	49°2	48°9	43°5	50°5	1°7	1°9	°308	°299	89	87	SW	4	SW	5	10	10	—
21	30°07	°10	48°2	49°5	45°7	51°5	0°9	1°4	°315	°318	94	90	SSW	2	SW	2	10	10	°089
22	30°04	30°04	49°2	48°2	47°4	51°6	0°4	0°8	°340	°317	98	95	SW	2	WSW	1	10	10	°012
23	29°87	29°44	46°2	44°9	42°7	48°2	3°0	1°0	°246	°275	79	93	SSW	2	SW	4	8	10	°430
24	°12	28°99	36°5	30°2	29°6	45°5	0°7	0°3	°202	°160	94	95	SW	2	SW	2	7	3	°113
25	°07	29°61	28°7	34°1	27°5	40°1	0°3	1°5	°149	°167	95	84	SW	1	NW	3	3	0	°111
26	°71	°38	33°7	40°6	29°9	41°8	1°3	0°7	°167	°238	86	94	SW	2	SW	7	10	10	°345
27	°36	°12	42°7	42°0	39°8	49°0	2°0	1°1	°232	°243	85	91	SW	2	SW	7	7	10	°449
28	°04	29°67	37°3	30°7	29°3	43°2	0°4	0°7	°215	°154	97	90	NW	4	NW	2	9	0	—
29	29°96	30°15	26°7	36°0	23°8	41°1	0°5	0°4	°129	°204	90	96	NW	2	NW	3	0	3	°078
30	30°38	°59	31°7	28°2	26°2	41°5	0°3	0°9	°172	°127	96	83	NW	2	NW	2	3	0	—
31	30°67	30°62	25°7	34°6	23°0	39°0	0°3	3°2	°129	°140	93	70	NW	1	NW	4	3	0	—
Mean	29°924	29°942	40°4	40°7	35°9	45°9	1°2	1°2	°233	°232	90°0	89°4	1°7		2°3	7°5	6°8	3°035	

DEERNESS.—FEBRUARY 1902.

Height above Mean Sea Level, 160 feet. Heights above Ground :—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. $2^{\circ} 45'$ W. Lat. $58^{\circ} 56'$ N. Gravity Correction, $+0.36$ in.

1	30° 83	30° 72	32° 0	34° 7	29° 8	36° 7	1° 9	1° 6	'139	'170	76	84	Calm	0	NNE	2	1	1	'05	☼. Bright day.
2	'57	'41	38° 1	39° 3	33° 3	40° 0	1° 3	2° 8	'203	'187	88	79	NE	4	NE	4	9	10	—	
3	'26	30° 19	40° 8	38° 4	37° 2	41° 5	2° 3	2° 1	'199	'191	78	83	NE	4	NE	2	9	9	—	
4	30° 04	29° 86	35° 7	36° 0	34° 0	39° 8	2° 4	2° 7	'165	'163	79	76	WNW	1	N	2	5	1	'05	
5	29° 61	'29	36° 8	37° 0	32° 6	38° 0	0° 8	2° 8	'202	'168	93	77	SW	2	SW	4	10	10	—	
6	'18	'20	34° 7	30° 2	29° 2	37° 8	0° 9	0° 2	'184	'163	92	97	NNE	3	N	6	10	10	'07	Raw, overcast day.
7	'22	'21	25° 5	30° 0	25° 2	33° 3	0° 5	1° 0	'121	'140	88	83	NNW	3	NW	6	2	2	'25	☼. ☼ showers all day. ☼
8	'20	'09	29° 5	30° 0	25° 0	30° 8	0° 2	0° 0	'156	'167	97	100	NW	3	SW	2	10	9	'25	☼. ☼ most of day.
9	'19	'30	28° 2	30° 0	25° 6	34° 3	1° 2	1° 0	'119	'140	77	83	E	1	N	6	8	8	'22	☼. ☼. Much drifting after 6 p.
10	'28	'24	29° 0	30° 6	22° 3	30° 8	0° 5	0° 6	'145	'156	91	91	N	3	NW	6	9	10	'18	☼. ☼. ☼ all day. ☼ Drifts of
11	'36	'43	27° 2	29° 5	23° 7	30° 8	1° 7	1° 0	'099	'137	67	84	NW	5	NNW	5	4	15	'15	☼. ☼. ☼ all day. ☼ Drifts of
12	'53	'63	27° 0	31° 0	24° 2	31° 3	1° 0	1° 0	'114	'148	79	85	WNW	2	N	6	9	8	'17	☼. ☼ showers. ☼ all day.
13	'79	'81	27° 5	27° 0	25° 7	32° 0	1° 5	1° 3	'106	'107	72	73	N	2	WSW	2	4	3	'24	☼. ☼ showers. Bright intervals.
14	'52	'84	33° 0	34° 6	25° 8	35° 2	0° 0	1° 6	'188	'169	100	84	S	4	N	2	10	0	'04	☼. ☼ showers. Bright intervals.
15	'80	'62	38° 0	38° 0	32° 2	38° 6	2° 0	1° 6	'190	'197	83	86	SSW	6	SSW	8	3	10	—	☼. ☼. Bright p.
16	'52	'52	40° 6	39° 4	37° 0	41° 5	3° 2	2° 4	'191	'195	75	81	SSW	9	S	7	10	2	'17	☼. ☼. (gale). Gentle thaw.
17	'62	'78	38° 6	38° 0	37° 0	40° 4	3° 4	2° 0	'171	'190	74	83	S	6	S	4	6	0	—	☼. ☼. (gale). Gentle thaw. ☼ p.
18	'89	'87	38° 0	40° 4	36° 0	40° 6	1° 7	0° 8	'195	'235	85	94	S	5	SSE	6	8	10	—	☼. ☼. (gale). Gentle thaw. ☼ p.
19	'87	'92	40° 0	40° 0	39° 0	41° 0	1° 0	1° 0	'226	'226	92	92	SSE	6	SSE	6	10	7	—	☼. ☼. (gale). Gentle thaw. ☼ p.
20	'96	'83	40° 1	39° 2	38° 2	41° 0	1° 8	1° 2	'212	'216	85	90	S	4	S	5	8	10	—	☼. ☼. (gale). Gentle thaw. ☼ p.
21	'70	'62	38° 3	38° 8	36° 0	40° 0	0° 5	1° 1	'221	'215	96	91	S	2	S	2	10	10	'335	☼. ☼. (gale). Gentle thaw. ☼ p.
22	'51	'43	39° 5	40° 1	35° 5	41° 3	1° 3	0° 8	'216	'231	90	93	S	4	S	4	4	7	'01	☼. ☼. (gale). Gentle thaw. ☼ p.
23	'34	'45	41° 8	42° 4	39° 0	43° 4	0° 8	0° 4	'247	'262	94	97	S	6	S	3	10	10	—	☼. ☼. (gale). Gentle thaw. ☼ p.
24	'43	'48	42° 7	42° 2	41° 0	43° 2	0° 2	0° 6	'270	'256	98	95	SSE	5	SSE	7	10	4	'04	☼. ☼. (gale). Gentle thaw. ☼ p.
25	'51	'56	41° 2	41° 0	40° 0	43° 0	0° 9	1° 4	'240	'227	93	89	SSE	7	SSE	6	10	10	—	☼. ☼. (gale). Gentle thaw. ☼ p.
26	'53	'43	38° 0	37° 8	36° 3	41° 5	1° 8	2° 8	'194	'175	85	77	SSE	7	SE	7	10	10	—	☼. ☼. (gale). Gentle thaw. ☼ p.
27	'30	'26	37° 1	37° 3	36° 0	38° 6	2° 4	3° 0	'176	'168	80	75	SE	7	SE	6	10	10	—	☼. ☼. (gale). Gentle thaw. ☼ p.
28	29° 30	29° 36	37° 3	37° 0	36° 2	38° 6	2° 5	3° 0	'177	'165	79	75	E	6	E	5	10	9	—	☼. ☼. (gale). Gentle thaw. ☼ p.
Mean	29° 637	29° 619	35° 6	36° 1	32° 6	38° 0	1° 4	1° 5	'181	'184	85° 2	85° 6	4° 2		4° 7	7° 8	6° 9	2° 225		

DUNROBIN CASTLE.—FEBRUARY 1902.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56' W. Lat. 57° 59' N. Gravity Correction, +034 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.	Percentage.	9 a.m.	9 p.m.	9 a.m.	9 p.m.				
	ins.	ins.	°	°	°	°	°	°	ins.	ins.	%	%					ins.	
1	31° 01	30° 86	23° 0	36° 0	18° 0	42° 0	1° 8	3° 2	° 067	° 155	55	72	N	NE	—	—	—	Dull and cold.
2	30° 65	° 60	38° 8	39° 8	33° 0	40° 0	2° 0	3° 0	° 197	° 188	84	77	NE	NE	—	—	—	Dull day.
3	30° 39	° 36	38° 8	39° 8	36° 2	42° 0	1° 8	3° 3	° 201	° 183	85	75	E	E	—	—	° 05	Dull day. ☉
4	30° 22	30° 03	47° 0	37° 2	32° 8	48° 0	1° 8	2° 2	° 280	° 180	87	81	N	W	—	—	—	Dull day.
5	29° 82	29° 47	33° 5	36° 0	30° 0	38° 0	0° 7	2° 0	° 177	° 175	92	82	N	NW	—	—	° 15	Dull day.
6	° 35	° 40	33° 8	32° 2	30° 2	36° 0	0° 8	0° 4	° 178	° 174	91	95	E	NE	—	—	—	☉ (sleet) a. Dull p.
7	° 45	° 50	25° 5	26° 0	21° 0	34° 2	1° 5	0° 2	° 090	° 134	66	95	NW	NW	—	—	° 08	
8	° 45	° 31	26° 0	29° 2	22° 5	30° 2	1° 0	0° 4	° 107	° 150	76	93	NW	NW	—	—	° 18	☉ showers a.
9	° 37	° 52	32° 8	31° 0	21° 5	33° 0	2° 0	1° 2	° 145	° 143	78	82	NW	N	—	—	° 09	☉ showers a.
10	° 53	° 53	26° 8	26° 8	22° 5	30° 5	0° 8	1° 8	° 120	° 093	83	64	NW	NW	—	—	° 08	☉ showers a. and p.
11	° 66	° 69	25° 5	26° 0	20° 5	33° 5	1° 5	1° 0	° 091	° 107	66	76	NW	NW	—	—	—	☉ showers p.
12	29° 76	29° 87	27° 0	27° 0	21° 0	36° 0	1° 2	1° 0	° 109	° 114	75	79	NW	NW	—	—	—	Clear and frosty.
13	30° 00	30° 02	26° 0	19° 5	18° 0	38° 5	2° 8	1° 5	° 065	° 061	46	58	NW	NW	—	—	—	Clear and frosty.
14	29° 80	30° 05	37° 2	31° 8	30° 4	41° 0	1° 4	1° 3	° 194	° 150	87	83	NW	NW	—	—	—	Dull and frosty.
15	30° 03	29° 86	34° 8	37° 5	26° 0	41° 2	2° 8	1° 7	° 150	° 191	73	85	NW	W	—	—	—	Clear and frosty.
16	29° 75	° 76	40° 8	39° 2	35° 0	43° 2	2° 8	3° 0	° 199	° 183	78	76	W	W	—	—	° 03	Thaw.
17	29° 80	° 97	37° 0	36° 0	33° 2	40° 0	2° 5	1° 8	° 174	° 179	79	84	W	N	—	—	—	
18	30° 03	29° 99	35° 5	39° 2	29° 0	40° 5	0° 7	1° 2	° 195	° 216	94	90	E	SE	—	—	—	Clear and frosty.
19	29° 99	30° 11	39° 2	35° 2	33° 0	42° 0	0° 7	1° 0	° 226	° 186	94	90	SE	N	—	—	—	
20	30° 11	29° 95	35° 5	36° 0	31° 2	43° 0	0° 7	1° 2	° 195	° 189	94	89	E	N	—	—	—	
21	29° 89	° 79	34° 8	36° 2	32° 0	43° 2	0° 8	1° 2	° 186	° 191	92	89	N	W	—	—	—	Dull, with thaw.
22	° 68	° 60	38° 2	39° 0	32° 0	42° 0	1° 2	2° 0	° 206	° 199	90	84	SE	SE	—	—	° 15	Dull day.
23	° 54	° 60	41° 5	42° 0	35° 0	46° 0	0° 7	2° 0	° 248	° 225	94	85	NE	NE	—	—	° 16	
24	° 54	° 59	45° 8	42° 0	39° 0	46° 0	1° 8	1° 0	° 267	° 245	87	92	SE	SE	—	—	° 03	
25	° 64	° 69	40° 8	41° 0	38° 0	45° 2	0° 8	1° 0	° 237	° 235	94	92	SE	NE	—	—	—	
26	° 67	° 54	39° 0	39° 0	35° 0	41° 0	2° 2	4° 0	° 195	° 164	83	70	SE	SE	—	—	—	Fine and mild.
27	° 40	° 39	37° 2	38° 0	35° 0	39° 0	2° 4	2° 0	° 177	° 190	80	83	SE	SE	—	—	—	Cold E wind.
28	29° 39	29° 40	38° 0	39° 0	36° 2	39° 0	1° 8	2° 0	° 194	° 199	85	84	SE	SE	—	—	° 10	Cold E wind.
Mean	29° 818	29° 802	35° 0	34° 9	29° 5	39° 8	1° 5	1° 7	° 174	° 171	81° 7	82° 3	—	—	—	—	1° 10	

BRAEMAR.—FEBRUARY 1902.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches.
Long. 3° 24' W. Lat. 57° 0' N. Gravity Correction, +030 in.

1	29.74	29.60	1.4	18.6	1.3	25.2	0.1	0.6	0.045	0.081	96	81	N	0.5	N	0.5	0	0	—	Fair and clear.
2	29.42	29.28	35.4	35.6	17.7	36.0	1.1	1.9	1.86	174	90	83	NE	2	NE	6	10	10	—	Dark day.
3	29.13	29.06	34.8	33.8	33.2	37.0	1.5	1.6	1.72	162	85	83	NE	2	NE	2	8	8	0.02	Dark day.
4	29.02	28.85	31.0	28.4	24.7	34.8	2.0	0.8	1.27	132	72	85	NE	1	NE	0.5	7	8	—	Fair, but cloudy.
5	28.67	28.38	21.9	32.1	18.7	33.8	0.6	0.6	1.13	161	83	92	NE	0.5	SW	2	5	7	—	Fair, but cloudy.
6	28.18	28.17	33.4	29.8	29.2	35.3	0.9	0.8	1.73	144	90	86	SW	0.5	NE	0.5	8	7	0.01	* showers.
7	28.23	28.31	24.7	14.4	13.0	30.3	0.9	0.9	1.02	059	77	71	NE	0.5	NE	0.5	4	0	—	Fair and clear.
8	28.30	28.15	9.6	22.6	9.0	30.2	0.6	0.5	0.53	104	80	86	NE	0.5	NE	0.5	6	0	—	Fair and clear.
9	28.11	28.30	27.6	29.1	21.2	33.3	0.6	0.6	1.32	143	88	90	N	0.5	NE	2	7	6	0.18	*
10	28.32	28.32	26.9	25.3	21.6	30.2	0.4	0.8	1.34	110	92	81	NE	2	N	1	4	4	—	
11	28.40	28.49	21.3	24.6	19.8	27.4	0.7	0.6	0.93	112	80	84	N	1	NW	0.5	4	10	0.04	Dull and cold.
12	28.51	28.43	25.9	23.5	21.4	0.8	0.4	1.04	123	79	91	N	0.5	NW	0.5	7	4	—	—	Fair and calm.
13	28.72	28.85	21.6	8.3	8.2	28.8	1.1	0.1	0.80	060	70	95	N	0.5	W	0.5	3	0	—	Fair and calm.
14	28.41	28.84	32.6	30.8	0.0	35.8	0.6	0.8	1.73	153	93	88	SW	2	N	0.5	10	0	—	☉ showers.
15	28.89	28.80	31.9	36.6	16.8	37.7	0.6	1.7	1.66	182	93	84	NW	1	SW	6	4	9	—	Dull and cold.
16	28.68	28.66	36.6	37.6	30.4	37.8	5.0	2.9	1.32	116	61	65	SW	8	SW	6	8	8	—	Stormy day.
17	28.67	28.79	27.4	27.4	25.0	36.8	0.1	0.9	1.47	122	86	82	SW	0.5	SW	0.5	7	6	—	Fair and clear.
18	28.82	28.81	37.6	36.6	20.2	39.6	1.1	1.1	2.04	196	91	91	SW	0.5	SW	0.5	6	8	—	
19	28.81	28.89	37.0	36.6	33.8	37.0	2.5	2.4	1.74	173	79	80	S	0.5	S	0.5	8	8	—	Dull day.
20	28.92	28.83	35.4	34.6	33.0	36.6	2.8	1.1	1.55	179	75	90	S	0.5	SW	0.5	9	8	—	Dull day.
21	28.71	28.64	33.4	33.3	32.0	34.8	0.9	1.1	1.73	168	90	88	SW	0.5	SW	2	10	8	—	Dull day. ☉
22	28.48	28.48	37.4	37.4	31.8	38.5	1.1	1.1	2.02	202	91	91	SW	2	SW	0.5	8	10	0.02	Dull day.
23	28.39	28.43	39.4	42.2	34.4	42.3	1.2	0.9	2.18	250	91	92	SW	0.5	SW	0.5	9	10	0.03	Dull day.
24	28.39	28.45	45.6	40.4	39.0	46.8	1.7	1.9	2.68	213	87	85	SW	2	S	0.5	7	10	0.03	☉ all day.
25	28.50	28.53	36.8	37.6	35.8	39.3	0.3	1.4	2.12	198	88	88	S	0.5	S	0.5	9	7	0.01	Dark, damp, and muggy.
26	28.49	28.34	33.2	32.6	30.2	37.8	2.2	2.8	1.45	128	77	69	SE	0.5	SE	2	6	4	—	Fine day.
27	28.17	28.14	32.3	32.4	30.7	34.0	1.0	0.5	1.61	174	88	95	E	1	NE	2	10	10	0.03	* all day.
28	28.17	28.24	32.6	33.8	30.4	34.0	0.6	0.8	1.73	178	93	91	NE	1	NE	0.5	10	10	0.12	* all day.
Mean	28.615	28.616	30.1	30.4	23.7	35.1	1.2	1.1	1.51	150	85.2	85.3	—	—	—	—	—	—	0.79	

LAUDALE.—FEBRUARY 1902.

Height above Mean Sea Level, 14 feet. Heights above Ground:—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 41' W. Lat. 56° 41' N. Gravity Correction, +031 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.					
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.									
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.				
1	30°95	30°82	27°0	25°8	21°6	34°0	3°0	3°8	°068	°049	47	34	NE	2	Calm	0	0	—	☼ ² 7 ins. deep. ☼		
2	°60	°48	39°9	40°0	23°8	40°2	3°9	2°0	°173	°207	70	84	ENE	4	ENE	4	2	0	—	☼ ² ☼. Fine and clear.	
3	°35	°27	38°5	39°0	35°0	41°7	2°5	2°4	°185	°192	80	81	NE	4	NE	3	0	0	—	☼ ² ☼. Fine and clear.	
4	30°26	30°12	29°9	27°2	26°0	39°8	0°9	2°2	°142	°086	85	59	Calm	0	Calm	0	10	0	—	☼ ² ☼.	
5	29°90	29°59	27°8	38°0	23°8	38°2	2°8	2°0	°079	°190	52	83	S	2	SW	4	2	10	°15	☼ ² ☼. * 9p.	
6	°35	°38	38°0	31°0	31°0	38°7	1°8	1°0	°194	°148	85	85	SW	2	N	2	10	0	°03	☼ ² ☼. * (sleet) showers. ☼ n.	
7	°48	°47	25°7	23°2	22°0	32°2	1°7	1°2	°087	°084	63	68	Calm	0	Calm	0	2	0	—	☼ ² ☼. * storm n.	
8	°49	°41	24°0	31°0	22°2	33°8	1°0	1°0	°094	°148	73	85	Calm	0	NNW	4	2	10	°50	☼ ² ☼. * n.	
9	°52	°33°2	24°8	22°8	36°2	1°2	1°8	°165	°078	87	59	NNW	3	NE	1	10	0	°06	☼ ² ☼. * (6 ins. fresh snow).		
10	°60	°58	19°8	25°4	17°6	33°3	1°8	1°7	°055	°085	52	62	Calm	0	Calm	0	2	0	°02	☼ ² ☼. * showers a.	
11	°69	°79	26°0	29°0	18°7	31°0	2°0	3°0	°081	°086	58	54	Calm	0	ENE	1	0	10	°03	☼ ² ☼. * n.	
12	°89	29°91	25°7	27°6	18°0	34°0	0°7	2°6	°115	°081	83	54	NNE	1	NE	1	0	0	°02	☼ ² ☼. * showers.	
13	°99	30°06	22°2	21°2	19°0	34°2	0°2	3°2	°112	°037	94	33	NNE	1	ENE	1	0	0	—	☼ ² ☼.	
14	29°95	°11	39°0	29°0	20°0	42°0	1°8	2°9	°203	°097	86	59	NNW	4	N	1	10	0	—	☼ ² ☼.	
15	30°11	30°01	39°0	40°2	28°0	41°7	1°7	2°2	°205	°205	86	83	SSW	5	S	7	3	10	°20	☼ ² ☼. * (sleet).	
16	29°85	29°76	40°0	39°9	38°0	43°3	2°0	1°9	°207	°208	84	85	S	5	S	6	10	10	°16	☼ ² ☼. * (gale) n.	
17	29°80	°96	39°6	41°0	36°8	41°0	1°9	5°3	°206	°160	85	62	S	5	S	6	10	8	—	☼ ² ☼. * (gale). ☼ n.	
18	30°02	29°95	39°9	39°8	37°0	45°0	1°9	8°8	°208	°191	85	78	S	4	SSE	2	6	9	°02	☼ ² ☼.	
19	29°95	30°06	41°0	41°0	37°8	42°0	2°2	3°2	°211	°194	83	76	ESE	3	ESE	2	9	9	—	☼ ² ☼.	
20	30°11	30°02	40°0	38°0	37°0	41°0	3°0	2°0	°189	°190	76	83	ESE	2	ESE	4	10	10	—	☼ ² ☼.	
21	29°89	29°79	38°0	40°0	37°0	40°4	1°0	3°0	°208	°189	91	76	ESE	7	SSE	6	10	10	—	☼ ² ☼.	
22	°65	°52	41°0	44°0	39°3	44°2	1°1	2°1	°233	°242	91	83	ESE	5	SSE	4	10	10	°14	☼ ² ☼. * (gale).	
23	°53	°50	46°0	46°9	42°2	49°8	1°5	1°9	°276	°276	90	87	S	3	S	4	10	10	°10	☼ ² ☼. * a.	
24	°47	°53	49°8	47°0	46°8	50°7	1°0	1°0	°333	°298	93	93	S	4	S	3	10	10	°32	☼ ² ☼. (mist) ☼ showers during day.	
25	°59	°60	46°2	48°0	44°8	49°4	1°2	2°2	°285	°281	92	85	S	3	S	3	10	2	°09	☼ ² ☼. Cold and dry.	
26	°54	°34	41°0	39°9	36°0	49°3	3°0	2°9	°197	°190	77	77	E	4	ESE	5	9	10	—	☼ ² ☼. Cold and dry.	
27	°16	°19	39°2	39°9	37°1	44°1	3°1	2°8	°181	°192	76	78	ESE	7	E	4	10	6	—	☼ ² ☼. * (gale) a.	
28	29°25	29°32	39°2	43°8	37°7	44°1	2°2	3°0	°197	°222	82	77	E	3	ESE	3	7	6	°26	☼ ² ☼. * (sleet).	
Mean	29°814	29°788	35°6	35°8	30°6	40°5	1°9	2°4	°175	°165	78°8	72°3			3°0		2°9	6°2	5°4	2°57	

GLASGOW.—FEBRUARY 1902.

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

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.	
							Dep. of Wet.		Vapour Pressure.		Percentage.								
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.		
1	30°78	30°59	31°9	36°9	28°4	37°9	1°2	1°8	1°52	1°85	84	85	NE	1	E	1	7	10	☁ ² . Fine day.
2	30°39	30°25	38°9	37°9	36°9	40°0	1°9	1°4	1°00	1°10	85	89	E	2	NE	2	10	9	Dull day. ☁ ⁰ n.
3	30°13	30°08	38°0	38°6	37°1	41°3	2°0	3°2	1°90	1°75	83	75	NE	1	NE	1	10	10	Dull day.
4	30°06	29°93	35°6	34°0	34°0	38°9	1°7	2°2	1°78	1°52	85	78	E	1	NW	1	10	10	∞ a. Dull day.
5	29°74	29°46	31°9	35°1	28°9	35°3	1°9	2°1	1°38	1°63	76	79	Calm	0	SW	1	10	10	☁ ⁰ a. Dull, with ∞.
6	29°23	29°17	35°0	35°6	33°8	38°6	2°1	0°3	1°62	1°03	80	98	S	1	W	1	10	8	☁ ⁶ p.
7	29°27	29°27	30°8	29°7	29°5	36°1	0°0	2°6	1°73	1°01	100	62	N	1	E	1	7	10	☁ ⁰ a. Cloudy, with ∞.
8	29°29	29°23	29°1	24°9	24°2	33°3	1°3	1°7	1°24	0°81	78	61	E	1	SW	1	10	5	☁ ⁰ a. and n. Cloudy day.
9	29°18	29°33	31°2	32°3	24°8	38°1	1°0	4°1	1°51	1°03	85	56	W	1	NW	1	8	1	☁ before ga. ☁. ☁ ⁰ sp.
10	29°39	29°38	28°0	29°1	26°1	35°0	1°2	1°6	1°17	1°17	76	74	SW	1	W	1	7	3	∞ a. Fine and clear p.
11	29°49	29°63	27°7	26°5	26°4	33°2	1°7	1°5	1°02	0°98	68	68	NE	1	SW	1	3	2	☁ ⁰ a. Fine and clear p.
12	29°65	29°73	27°9	27°7	26°2	34°7	0°9	1°4	1°24	1°10	82	74	W	1	W	1	1	8	☁ ⁰ a. Fine and clear.
13	29°82	29°90	21°0	27°2	20°3	34°1	0°0	1°4	1°13	1°00	100	72	Calm	0	Calm	0	10	5	☁ ⁰ a. ☁ ⁰ sp.
14	29°80	29°93	33°2	33°7	18°3	41°1	1°3	2°3	1°63	1°48	86	76	W	1	W	1	10	9	☁ ⁰ a. ☁ ⁰ sp.
15	30°02	29°93	31°8	37°8	26°9	39°5	1°1	1°8	1°54	1°92	85	85	Calm	0	SW	2	10	10	☁ ⁰ a. Fine day.
16	29°80	29°71	39°2	35°5	35°1	40°1	2°5	4°5	1°92	1°30	80	62	S	2	S	3	10	10	Dull and overcast.
17	29°72	29°85	31°3	35°2	30°4	38°9	4°0	3°4	0°94	1°44	53	70	E	1	NE	1	9	10	Dull, with ∞.
18	29°89	29°83	30°1	35°5	28°6	37°1	2°1	0°5	1°15	1°98	68	95	E	1	E	1	8	10	∞ a. Fine day.
19	29°85	29°93	36°2	37°2	35°4	40°3	1°8	1°7	1°80	1°89	85	85	E	1	E	1	10	10	Dull and overcast.
20	29°97	29°86	36°3	35°4	35°4	38°3	1°6	0°4	1°85	1°00	86	96	SE	1	Calm	0	10	10	Dull and overcast.
21	29°76	29°69	35°2	37°2	34°3	37°4	1°4	1°4	1°79	1°94	87	87	SW	1	SE	1	10	10	Dull and overcast.
22	29°55	29°42	39°2	40°8	37°2	42°5	1°5	1°4	1°10	1°25	88	89	SE	1	E	1	10	10	☁ from sp.
23	29°40	29°37	41°2	44°7	38°2	48°0	0°3	1°0	1°53	1°73	88	93	N	1	E	1	10	10	☁ showers a. ☁ ² n.
24	29°35	29°41	49°4	46°4	44°3	49°8	2°4	1°2	1°93	1°87	84	91	E	1	E	1	10	10	Overcast, with ☁.
25	29°48	29°47	42°7	41°6	40°6	46°9	0°7	1°4	1°59	1°33	94	90	E	1	E	1	10	10	Dull and cloudy.
26	29°43	29°41	33°9	35°9	33°3	42°1	1°9	2°7	1°57	1°62	80	77	NE	2	NE	3	5	8	☁ ⁰ a. Cloudy and breezy.
27	29°03	29°06	35°3	36°7	33°9	37°4	1°1	1°1	1°85	1°89	90	87	E	2	E	2	10	10	☁ ⁰ a. ☁ showers p.
28	29°09	29°22	37°2	38°4	34°9	38°9	1°0	0°4	1°02	1°24	91	97	NE	2	NE	1	10	7	Overcast, with ☁.
Mean	29°662	29°637	34°3	35°3	31°6	39°1	1°5	1°8	1°69	1°71	83°5	80°4	1°1	1°2	8°8	8°4	1°479		

COCKLE PARK (NEAR MORPETH).—FEBRUARY 1902.

Height above Mean Sea Level, 324 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 41' W. Lat. 55° 13' N. Gravity Correction, +026 in.

1	30°56	30°35	38°0	38°0	33°0	40°0	2°0	2°0	1°90	1°90	83	83	E	1	NE	4	5	10	0°05	Fine all day.
2	30°15	30°04	41°0	37°0	35°0	42°0	3°0	2°0	1°97	1°82	77	83	E	5	NE	5	8	3	0°32	☁ n.
3	29°09	29°06	38°0	36°0	35°0	42°0	1°0	0°0	1°08	1°12	91	100	NE	3	SE	3	8	10	0°60	Dull day.
4	29°86	29°74	34°0	34°0	31°0	37°0	1°0	1°0	1°76	1°76	89	89	NW	1	Calm	0	10	10	—	☁ before ga. Dull day.
5	29°59	29°37	32°0	32°0	30°0	36°0	2°0	1°0	1°37	1°57	75	87	W	3	S	2	10	10	0°03	Dull a. ☁ ⁰ n.
6	29°11	29°00	33°0	35°0	30°0	38°0	1°0	2°0	1°67	1°64	89	80	SW	3	SWbyW	5	9	9	—	☁ before ga. Dull and frosty.
7	29°09	29°11	34°0	31°0	29°0	38°0	2°0	1°0	1°56	1°48	79	85	NW	3	NW	1	4	10	2°23	Bright and frosty. ☁ ² 7p.
8	29°08	29°06	30°0	24°0	22°0	32°0	1°0	1°0	1°40	0°94	83	73	NE	2	NW	4	10	2	0°21	☁ a. ☁
9	29°00	29°07	29°0	31°0	14°0	32°0	1°0	1°0	1°30	1°48	82	85	NW	4	NW	6	2	10	0°90	☁ ⁰ p.
10	29°20	29°20	26°0	23°0	18°0	31°0	2°0	2°0	0°81	0°63	58	52	W	2	NW	2	1	0	—	☁ (4 ins. deep). Very fine.
11	29°28	29°43	28°0	21°0	12°0	30°0	1°0	2°0	1°22	0°54	80	49	NWbyW	3	NW	3	5	0	—	Very fine, bright, and frosty.
12	29°46	29°54	29°0	26°0	20°0	34°0	3°0	2°0	0°86	0°81	54	58	W	3	NW	3	5	0	—	☁ ⁰ p. Very fine.
13	29°60	29°69	27°0	27°0	20°0	35°0	1°0	1°0	1°14	1°14	79	79	NW	4	NW	1	7	2	1°20	☁ ga. Very fine.
14	29°64	29°69	27°0	27°0	20°0	35°0	1°0	2°0	1°14	1°14	79	80	SW	5	NW	6	8	4	—	☁. Dull, with ☁.
15	29°90	29°88	30°0	28°0	22°0	37°0	3°0	1°0	0°96	1°22	58	80	SW	2	SWbyS	3	1	8	—	Splendid a. and p. ☁ ⁰ n.
16	29°74	29°66	34°0	27°0	23°0	35°0	2°0	2°0	1°56	0°89	79	61	S	4	S	7	5	10	—	Fine and frosty.
17	29°61	29°68	28°0	27°0	19°0	34°0	2°0	2°0	0°97	0°89	64	61	SEbyS	4	W	3	8	0	—	☁ ⁰ (mist). ☁
18	29°73	29°71	32°0	34°0	21°0	36°0	1°0	1°0	1°57	1°76	87	89	NW	2	SE	2	10	10	0°30	☁ ⁰ (mist). ☁ ⁰ n.
19	29°74	29°79	34°0	35°0	32°0	37°0	1°0	0°0	1°76	1°04	89	100	SE	2	SE	2	10	10	0°03	☁ ⁰ a. and n.
20	29°83	29°73	34°0	34°0	32°0	36°0	1°0	0°0	1°76	1°96	89	100	E	2	SE	3	10	10	0°30	☁ ⁰ a. and n.
21	29°65	29°59	33°0	35°0	31°0	35°0	1°0	1°0	1°67	1°84	89	90	S	3	SEbyS	2	10	10	0°05	☁ ⁰ a. and n.
22	29°48	29°36	36°0	39°0	33°0	40°0	0°0	0°0	1°21	1°28	100	92	SEbyS	3	SEbyS	3	10	10	1°120	☁ ⁰ a. and n.
23	29°32	29°31	44°0	43°0	37°0	50°0	1°0	0°0	2°65	2°77	92	100	SE	1	SE	2	10	10	1°102	☁ ⁰ a. and n.
24	29°30	29°41	44°0	40°0	39°0	47°0	1°0	1°0	2°65	2°26	92	92	SE	3	SE	2	10	10	1°257	☁ ⁰ a. and n.
25	29°38	29°40	39°0	36°0	36°0	40°0	0°0	0°0	1°38	1°93	100	91	SE	4	SE	3	10	8	—	☁ ⁰ a.
26	29°33	29°12	38°0	36°0	30°0	39°0	3°0	2°0	1°73	1°75	75	82	SE	5	SE	5	6	10	2°56	☁ ⁰ (mist) a.
27	28°94	28°92	34°0	36°0	32°0	36°0	0°0	0°0	1°96	1°12	100	100	SE	5	SE	3	10	10	1°125	☁ ⁰ (sleet) a.
28	28°98	29°11	39°0	39°0	35°0	51°0	0°0	1°0	2°38	2°18	100	92	SE	3	S	3	10	0	1°153	☁ ⁰ a.
Mean	29°515	29°490	33°8	32°8	27°6	37°8	1°4	1°2	1°65	1°62	82°6	82°6	3°0	3°1	7°6	7°0	1°635			

SCARBOROUGH.—FEBRUARY 1902.

Height above Mean Sea Level, 62 feet. Heights above Ground:—Bar., 65 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 24' W. Lat. 54° 18' N. Gravity Correction, +025 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.								
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.			
1	30°74	30°53	39°0	39°8	36°0	41°2	2°8	2°6	1°84	1°94	78	79	E	4	E	6	6	8	—	Dull at times.
2	33	18	38°5	37°0	36°0	39°0	3°0	2°0	1°76	1°82	76	83	E	6	ENE	6	4	8	—	Dull at times.
3	08	30°08	38°0	37°0	35°5	40°0	2°5	0°6	1°82	1°08	79	94	ENE	6	ENE	3	4	8	—	Dull all day.
4	30°08	29°98	36°8	35°0	34°0	38°0	1°0	0°8	1°98	1°87	91	92	ENE	3	SW	3	10	10	—	Very dull.
5	29°87	66	34°0	33°5	33°5	36°8	1°5	1°7	1°66	1°57	84	82	SW	2	SW	3	10	10	—	Overcast all day.
6	43	29	37°0	31°2	29°0	37°0	0°5	0°4	2°10	1°66	95	94	SW	4	SW	2	10	4	—	Dull day, fine evening.
7	28	34	35°5	34°5	27°0	39°5	0°3	1°5	2°01	1°69	97	85	SW	2	NW	3	5	4	—	Very dull.
8	28	24	33°2	33°8	27°8	38°0	0°4	0°3	1°81	1°88	95	96	SSE	2	E	3	10	10	25	☀️ Dull day.
9	23	25	27°8	28°8	22°0	35°0	0°8	1°0	1°27	1°30	84	82	W	3	W	3	8	3	04	☀️ ☐ (5 ins. dep.) Dull day.
10	40	43	30°5	25°5	20°0	34°0	1°3	2°0	1°37	0°77	80	56	NW	4	NW	3	4	3	—	☀️ ☐ Fine day.
11	55	66	26°0	26°0	21°0	33°0	1°0	2°0	1°07	0°81	76	57	W	3	W	3	2	2	—	☀️ ☐ Fine day.
12	70	76	26°0	26°8	17°5	36°0	2°0	2°3	1°08	0°81	57	55	NW	4	WSW	3	8	4	—	☀️ ☐ Fine day.
13	80	87	27°0	34°0	22°5	37°0	1°2	0°8	1°09	1°79	74	91	NW	3	NE	3	6	8	16	☀️ ☐ Dull day.
14	29°55	29°87	27°5	33°2	21°5	34°8	1°0	0°4	1°18	1°81	80	94	NW	3	SW	4	10	6	08	Dull day.
15	30°13	30°18	35°0	30°8	25°5	39°0	0°8	1°6	1°87	1°33	92	76	S	2	SW	4	10	6	08	Dull day.
16	30°13	30°01	27°8	31°5	21°0	34°0	0°8	1°3	1°27	1°46	84	83	S	4	SW	2	8	8	—	Fine day.
17	29°86	29°90	32°2	34°0	25°0	36°0	2°7	2°0	1°25	1°56	69	80	SW	1	NE	1	10	10	—	Overcast day.
18	29°95	29°95	36°0	35°0	33°0	38°0	3°0	1°0	1°56	1°84	74	90	S	1	SE	1	10	10	02	Very dull day.
19	30°00	30°02	35°0	37°0	33°5	39°5	0°5	2°8	1°93	1°69	95	77	Calm	0	E	2	10	10	02	Very dull day.
20	30°06	29°99	36°0	34°0	33°5	37°2	0°5	0°8	2°01	1°79	95	91	ENE	3	SE	3	10	10	04	Very dull day.
21	29°95	88	35°0	36°5	32°5	40°0	1°5	0°7	1°74	2°01	85	94	S	3	S	3	10	10	01	☀️ ☐ Dull day.
22	79	65	39°0	39°5	36°0	44°5	0°5	1°7	2°27	2°08	96	86	SE	3	SE	3	10	4	11	☀️ ☐ Dull day.
23	60	61	42°5	42°5	39°2	45°0	0°5	1°3	2°61	2°43	96	89	SE	2	SE	2	10	4	13	☀️ ☐ Dull day.
24	57	53	43°0	40°0	39°0	45°5	0°5	0°8	2°66	2°31	96	94	SE	3	SE	4	6	10	06	Dull day.
25	51	66	39°5	37°0	36°2	42°0	0°5	0°8	2°31	2°04	96	93	SE	2	SE	4	10	8	02	Overcast, with ☁️.
26	59	36	37°8	37°0	35°0	41°8	1°0	0°8	2°07	2°04	91	93	SE	3	SE	5	6	4	24	☀️ ☐ Dull day.
27	14	13	37°0	39°0	35°5	40°2	0°5	1°5	2°10	2°08	95	87	SE	3	Calm	0	10	10	02	☀️ ☐ Dull day.
28	29°34	29°34	44°0	43°5	37°5	54°2	0°5	1°3	2°76	2°53	96	89	SW	2	SW	3	6	6	—	
Mean	29°758	29°726	34°9	34°8	30°2	39°2	1°2	1°3	1°79	1°75	85°9	84°4	2°9	3°0	7°9	7°1	1°22			

STONYHURST.—FEBRUARY 1902.

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

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.		
							Dep. of Wet.		Vapour Pressure.								Percentage.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%				ins.		
1	30.45	30.21	35.0	36.0	31.5	39.7	2.0	1.8	164	179	80	84	NEbyN ₁	NNE 3	8	0	0.20	Bright and sunny.
2	30.01	29.90	35.0	35.0	34.2	38.2	2.7	2.1	153	162	75	80	NE 3	NNE 2	0	10	—	Sunny p.
3	29.79	29.80	35.5	35.1	34.0	39.7	2.5	1.7	160	171	77	83	NE 3	NE 1	9	9	—	Fine, but with cool wind.
4	28.74	28.75	34.0	33.7	33.2	36.2	2.0	1.7	156	159	79	82	NEbyE ₁	Calm 0	10	10	—	Overcast all day. ✕ ⁰ p.
5	28.62	28.38	32.7	31.1	31.1	33.9	1.7	1.1	150	147	81	84	Calm 0	Calm 0	10	10	—	Dull, with ~~~~ ² (mist).
6	28.17	28.05	31.6	33.3	30.8	34.4	0.9	1.3	157	164	87	86	S 1	Calm 0	10	10	—	✕ ⁰ showers a.
7	28.06	28.07	34.0	35.4	31.0	35.5	1.9	3.1	158	151	80	73	Calm 0	EbyS ₁	9	10	1.00	✕ ⁰ showers a.
8	28.99	28.00	31.3	30.6	22.2	36.2	0.3	1.0	169	145	96	85	NEbyE ₁	N 1	10	8	0.35	✕ ² a. and p.
9	29.01	29.10	30.0	22.0	22.0	36.2	1.0	1.0	140	103	83	71	W 1	Calm 0	7	0	0.30	✕ ⁰ early a., then fine. ✕ ⁰ p.
10	29.21	29.24	26.0	24.5	20.5	34.2	1.0	0.5	107	114	76	87	WbyN ₁	W 1	4	0	0.85	Bright, clear and very cold.
11	29.30	29.46	29.0	21.0	21.0	34.5	0.2	0.3	154	101	96	90	swbyW ₁	Calm 0	10	0	0.70	✕ ² a. ✕ ⁰ p.
12	29.54	29.56	16.0	24.0	8.9	35.8	1.0	0.2	160	121	67	94	Calm 0	Calm 0	3	0	—	✕ ⁰ (mist) p.
13	29.59	29.67	19.0	28.0	14.6	33.5	1.0	1.3	107	115	68	75	NW 1	Calm 0	0	10	0.07	
14	29.75	29.74	20.4	35.2	19.8	35.3	0.4	0.8	106	190	88	92	Calm 0	WbyN ₁	8	0	—	~~~ ⁰ a. ~~~~ ⁰ (mist) p.
15	29.91	29.94	29.3	31.0	22.4	38.4	1.4	1.2	124	143	77	82	NW 1	SbyE ₁	0	0	—	Clear and sunny a. ~~~~ ⁰ (mist) p.
16	29.83	29.67	30.0	31.0	28.3	34.8	2.0	4.8	116	107	69	45	SE 2	ESE 2	4	0	—	Bright and sunny. ☐ ⁰ p.
17	29.57	29.67	27.6	29.2	23.0	33.3	2.0	1.2	109	127	63	79	NbyE ₁	N 1	8	0	—	Fine and sunny. ~~~~ ⁰ (mist).
18	29.70	29.68	31.2	34.6	22.5	34.9	0.5	1.8	163	165	93	82	NbyE ₁	SEbyE ₂	10	10	0.05	Dull and overcast.
19	29.69	29.76	36.0	34.0	33.9	36.7	1.6	1.0	182	176	86	89	E 1	E 1	10	10	—	Overcast, with ~~~~ ⁰ (mist).
20	29.77	29.71	35.0	33.4	33.4	35.9	1.0	0.6	184	179	90	93	NE 1	E 1	10	10	—	Overcast, with ~~~~ ⁰ (mist).
21	29.65	29.59	34.0	36.5	32.4	36.8	1.0	0.7	176	202	89	94	SbyE ₁	Calm 0	10	10	—	Overcast, with ~~~~ ⁰ (mist).
22	29.48	29.32	38.0	42.0	36.3	42.0	1.0	1.8	208	229	91	86	SEbyS ₂	E 1	10	10	1.50	~~~ ⁰ (mist) a. ✕ ⁰ showers.
23	29.31	29.27	43.7	48.3	41.8	48.3	0.1	0.5	283	327	99	97	SE 2	SE 2	10	10	2.25	● showers p.
24	29.23	29.26	45.2	43.2	43.0	48.7	0.2	0.2	297	295	99	98	EbyN ₁	E 1	10	10	3.95	● all day.
25	29.31	29.31	42.0	38.5	38.5	44.2	0.2	1.1	263	211	98	91	NE 1	NE 2	10	10	—	
26	29.24	29.27	34.3	35.0	33.7	40.2	1.1	2.0	176	164	88	80	NE 2	ENE 3	9	10	1.75	Bright intervals. ~~~~ ⁰ (mist).
27	28.84	28.85	36.8	39.3	34.8	40.2	0.5	0.3	208	234	96	98	N 1	NNE 1	10	10	1.10	● ~~~~ ⁰ (mist) p.
28	28.98	29.10	44.0	43.4	38.8	51.1	0.8	1.4	270	251	94	89	SbyE ₂	S 1	9	2	—	Fine day.
Mean	29.494	29.464	32.7	33.7	29.2	38.2	1.1	1.3	166	170	84.5	84.6	1.2	1.0	7.8	6.4	1.407	

HILLINGTON.—FEBRUARY 1902.

Height above Mean Sea Level, 88 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 3 feet 6 inches.
Long. 0° 33' E. Lat. 52° 48' N. Gravity Correction, +.021 in.

1	30.64	30.34	35.7	34.9	32.9	39.3	0.3	2.0	203	165	97	81	NE 3	NE 6	5	10	—	Very fine and sunny.
2	30.14	30.14	35.2	32.7	32.7	37.1	0.5	0.4	195	177	95	94	NE 6	NE 5	10	10	—	Sunless day. * ⁰ n.
3	30.03	30.03	35.7	35.1	32.7	37.9	0.3	0.4	203	196	97	96	NE 4	NE 2	5	10	—	Sunless day. * ⁰ n.
4	30.08	30.03	32.9	33.4	32.5	36.5	0.4	0.7	179	176	94	91	E 2	SE 1	10	10	—	* ⁰ a. Sunless day.
5	29.93	29.67	31.1	31.9	30.5	33.8	0.4	0.4	164	171	94	94	W 1	W 1	10	10	—	Fair, but sunless.
6	29.49	29.34	32.0	32.4	30.6	36.9	0.3	0.3	174	176	95	95	NE 1	NE 1	10	10	—	Fair, but sunless.
7	29.49	29.33	29.4	27.9	25.0	39.4	0.6	0.0	146	152	89	100	N 1	N 1	5	0	—	Dull, then fine. * ⁰ n.
8	29.30	29.30	33.4	31.9	24.2	36.5	1.5	0.4	159	171	83	94	NE 1	E 1	10	10	—	Dull day. * ⁰ n.
9	29.28	29.39	24.9	31.1	24.0	36.8	0.1	0.3	130	167	97	95	Calm 0	W 3	3	0	—	Very fine. * ⁰ n.
10	29.45	29.48	25.9	27.9	21.8	35.7	0.2	0.1	133	149	95	98	Calm 0	E 1	10	0	—	* ⁰ a. n. Dull and sunless.
11	29.59	29.73	24.8	30.1	16.1	38.1	0.2	0.4	126	156	94	93	Calm 0	Calm 0	0	5	—	Cloudy, then fine and sunny.
12	29.80	29.84	22.5	27.8	17.0	38.8	0.1	0.1	117	149	97	98	Calm 0	Calm 0	0	6	—	Fine and sunny.
13	29.83	29.90	21.7	29.9	16.0	37.4	0.2	0.1	108	163	94	98	SE 1	Calm 0	0	4	—	Fine and sunny. * ⁰ n.
14	30.00	29.98	25.1	31.9	16.6	39.4	0.1	0.4	131	171	97	94	Calm 0	Calm 0	5	10	—	Very fine. * ⁰ (1½ ins. deep).
15	30.28	30.28	31.5	14.8	14.0	34.8	0.4	0.2	168	147	94	92	E 3	E 1	10	0	—	Very fine
16	30.19	29.99	18.9	25.1	10.0	36.8	0.1	0.3	109	124	96	92	Calm 0	NE 3	4	0	—	Cloudy, then fine.
17	29.89	29.88	29.4	32.4	17.5	37.3	0.4	0.7	151	168	93	90	Calm 0	Calm 0	2	10	—	Sunny a. Overcast p. * ⁰ n.
18	29.95	29.88	35.1	33.3	31.5	37.4	0.4	0.4	196	184	96	95	NE 2	NE 2	10	10	—	Overcast and sunless.
19	30.04	30.04	35.1	34.7	32.8	36.6	0.4	0.1	196	199	96	98	SE 1	NE 1	10	10	—	* ⁰ n.
20	29.98	29.98	33.3	34.9	33.0	37.5	0.5	0.3	180	196	94	96	E 2	Calm 0	10	10	—	* ⁰ a. and n. Sunless day.
21	30.03	30.03	34.9	40.0	33.8	47.4	0.1	1.7	203	213	100	86	E 1	Calm 0	10	10	—	Fine and sunny, with cloud.
22	29.90	29.77	37.1	38.1	31.6	50.6	0.3	0.4	215	222	97	96	Calm 0	S 3	10	8	—	Overcast, then sunny. * ⁰ n.
23	29.69	29.61	42.2	45.0	38.0	49.7	0.4	0.3	260	292	97	98	S 3	S 2	10	10	—	Fair, but sunless. * ⁰ n.
24	29.57	29.51	43.0	42.0	42.0	47.6	1.2	0.2	251	262	90	98	S 1	S 2	5	10	—	Fair, but sunless. * ⁰ n.
25	29.57	29.62	39.1	38.0	38.0	46.9	0.4	0.2	231	225	96	98	NE 3	E 3	6	0	—	Fine and pleasant. * ⁰ n.
26	29.57	29.32	35.1	34.5	31.2	43.4	0.4	0.6	196	187	96	93	E 3	SE 4	3	0	—	Beautiful day. * ⁰ n.
27	29.19	29.23	43.5	44.5	34.5	47.4	0.4	0.5	273	281	96	96	SE 1	SE 2	6	5	—	* ⁰ in afternoon. Distant T.
28	29.37	29.47	45.0	42.0	41.1	55.5	0.5	0.2	287	262	96	98	SW 2	Calm 0	10	0	—	* ⁰ in afternoon. Distant T.
Mean	29.781	29.750	32.6	33.5	27.9	40.4	0.4	0.4	181	187	94.8	94.5	1.5	1.6	6.8	6.4	1.60	

NOTE.—The hygrometrical values for Hillington are somewhat doubtful.

CHURCHSTOKE.—FEBRUARY 1902.

Height above Mean Sea Level, 538 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5' W. Lat. 52° 31' N. Gravity Correction, +.018 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			9 p.m.
							9 a.m.	9 p.m.	9 a.m.	9 p.m.									
	ins.	ins.							in.	in.	%	%						ins.	
1	30° 16	29° 89	32° 9	34° 7	30° 6	37° 0	1° 2	3° 0	162	145	85	72	ENE 5	E 4	5	8	—	Bitter wind. Bright day.	
2	29° 71	29° 59	35° 5	33° 9	32° 0	35° 8	3° 6	1° 2	143	170	68	87	NNE 8	E 4	10	10	—	Heavy clouds. Bitter wind.	
3	29° 56	29° 56	32° 7	33° 2	32° 0	34° 6	0° 4	1° 0	177	168	94	88	NE 2	E 2	10	10	—	Dense mist on hills. * 9p.	
4	29° 59	29° 53	32° 7	31° 0	30° 7	34° 0	1° 0	0° 9	164	151	88	87	NE 2	Calm 0	10	10	—	*	
5	29° 41	29° 16	29° 9	30° 7	29° 8	32° 4	0° 2	0° 6	160	156	96	90	SSE 1	SE 1	10	10	—	Raw, with ~~~~ ⁰ (mist).	
6	28° 97	28° 84	29° 5	29° 1	26° 7	36° 9	0° 8	0° 6	141	143	87	89	ESE 2	NE 1	8	10	—	Bright day.	
7	28° 87	28° 83	26° 7	30° 1	21° 6	37° 9	0° 5	0° 6	151	151	88	90	E 1	E 2	9	0	—		
8	28° 72	28° 82	30° 6	31° 1	29° 7	35° 1	0° 9	0° 9	148	152	86	87	E 1	E 2	10	10	—	* ⁰ in evening.	
9	28° 91	28° 94	26° 6	29° 5	19° 7	39° 8	1° 0	1° 2	112	130	77	80	NW 2	W 1	2	2	—	Bright and very sharp.	
10	29° 00	29° 09	21° 9	25° 5	20° 8	37° 0	0° 2	0° 8	110	110	94	80	W 1	SE 1	6	0	—	Bright and sharp.	
11	29° 15	29° 28	31° 2	29° 7	21° 6	39° 2	0° 1	1° 0	151	137	86	84	W 2	W 1	5	4	—	* ⁰ Very sharp. Heavy clouds. *	
12	29° 37	29° 36	22° 6	23° 7	16° 6	39° 0	0° 9	1° 0	090	093	74	73	W 1	W 1	0	0	—	Bright and very sharp.	
13	29° 53	29° 45	21° 2	20° 7	18° 6	35° 0	0° 5	1° 0	095	077	84	69	W 1	WNW 1	0	0	—	Bright and very sharp.	
14	29° 58	29° 58	22° 9	32° 2	14° 0	39° 0	1° 2	0° 7	082	166	67	90	NW 1	NW 1	10	3	—	Raw, with ~~~~ ⁰ (mist).	
15	29° 69	29° 74	26° 7	29° 6	24° 0	44° 0	1° 0	1° 6	113	121	77	74	NW 1	SE 1	3	0	—	Still, sharp, and bright.	
16	29° 63	29° 45	29° 6	29° 2	25° 2	37° 0	0° 9	0° 6	139	144	85	89	SE 2	ESE 1	3	0	—	~~~ ⁰ (mist).	
17	29° 35	29° 46	24° 9	23° 7	21° 0	36° 8	0° 8	1° 0	106	093	79	73	ESE 1	W 1	1	9	—	Cloudy, with ~~~~ ⁰ (mist).	
18	29° 49	29° 42	22° 2	32° 6	16° 8	34° 9	0° 0	0° 9	119	166	100	89	SE 1	SE 2	10	10	—	Raw, with ~~~~ ⁰ (mist).	
19	29° 42	29° 52	33° 2	31° 7	30° 8	34° 2	0° 5	1° 0	179	155	93	87	SE 2	SE 2	10	10	—	~~~ ⁰ (mist) in evening.	
20	29° 54	29° 47	31° 3	31° 9	30° 7	34° 2	1° 6	0° 6	138	166	78	91	SE 1	SE 1	10	10	—	~~~ ⁰ all day.	
21	29° 44	29° 36	33° 7	35° 7	31° 2	37° 9	1° 0	1° 0	172	189	89	91	SE 2	W 1	10	10	—	Damp, with ~~~~ ⁰ (mist).	
22	29° 26	29° 06	38° 6	42° 6	35° 2	43° 7	0° 5	0° 9	224	253	95	93	SSE 1	S 3	10	10	—	Damp and warm.	
23	29° 11	29° 06	44° 1	47° 1	41° 8	49° 2	0° 4	0° 5	279	311	97	96	SE 2	SSE 2	10	10	—	Damp and mild, with ~.	
24	28° 98	28° 04	44° 6	44° 6	43° 8	48° 5	0° 9	0° 3	273	287	93	97	SSE 1	SE 1	10	10	—	Low clouds. ~~~~	
25	29° 07	29° 05	42° 8	42° 2	41° 9	46° 3	0° 9	0° 5	255	258	93	96	ESE 1	SE 2	10	10	—	Dull and mild.	
26	28° 98	28° 63	36° 5	39° 1	35° 2	43° 3	1° 3	0° 4	190	231	88	97	ESE 3	SE 5	10	10	—	Cold ~~~~ ⁰ (mist).	
27	28° 62	28° 65	42° 0	41° 6	38° 0	51° 3	0° 4	0° 7	258	247	97	94	SE 1	SSE 1	10	8	—	Cloudy, with ~ showers.	
28	28° 78	28° 94	43° 8	36° 7	35° 8	53° 3	0° 2	0° 4	281	209	98	96	SSE 1	SSE 1	8	0	—	Bright day. ~ showers.	
Mean	29° 274	29° 242	31° 8	33° 0	28° 5	39° 5	0° 9	0° 9	164	171	87° 0	86° 8	1° 8	1° 6	8° 0	6° 6	0° 709		

Height above Mean Sea Level, 215 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 16' W. Lat. 51° 53' N. Gravity Correction, + '018 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.		
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	30°39	30°16	35°2	33°2	31°3	39°9	2°4	1°3	°159	°181	78	88	NE 6	NE 6	0	0	—	Bright, sunny, and breezy.
2	30°02	29°50	34°2	36°8	33°1	38°2	2°3	1°8	°152	°183	78	84	NE 4	NE 6	4	10	—	Cloudy, with sunny intervals.
3	29°89	°87	36°5	36°4	34°1	37°8	1°8	1°4	°183	°189	84	88	ENE 2	NNE 3	10	10	—	Overcast and gloomy.
4	°94	°88	35°8	34°4	34°9	38°1	1°4	1°3	°187	°173	88	86	NE 2	NNE 2	10	9	—	Dull and overcast.
5	°77	°51	31°5	35°3	30°1	37°8	1°0	0°5	°154	°197	87	96	ENE 3	E 2	10	10	°015	✱ 7 p. ● 8 p. - 11 p.
6	°29	°19	34°5	34°9	32°2	39°1	1°1	1°2	°178	°179	88	89	ESE 3	SE 1	8	4	—	Brief sunny intervals.
7	°22	°13	34°4	40°0	32°0	42°3	0°9	2°7	°181	°194	91	78	E 1	S 5	0	9	°224	Clear and sunny. 13 7 p.
8	°08	°18	38°4	38°3	33°4	40°3	2°1	2°2	°191	°189	83	82	WNW 2	W 4	9	9	°020	● 1 a. - 7 a. ● showers 6 p.
9	°31	°32	34°3	36°0	28°8	39°8	3°1	2°7	°140	°163	71	76	E 1	N 2	6	0	°050	Sunny intervals.
10	°39	°48	32°4	34°4	26°4	41°6	1°8	1°6	°145	°167	79	84	NNE 2	NE 2	0	9	—	✱ showers a. Clear and sunny.
11	°51	°63	37°3	33°4	30°9	40°4	2°2	1°6	°181	°159	82	83	WNW 3	NW 2	4	3	—	Bright and sunny.
12	°71	°72	32°6	29°8	26°3	39°1	2°6	0°6	°134	°149	71	90	ENE 2	ENE 2	0	0	°010	Bright and sunny.
13	°73	°80	34°9	31°9	28°3	40°2	2°2	0°5	°160	°169	79	94	NE 1	N 1	5	6	°010	▲ showers a. ✱ showers p.
14	29°89	29°98	30°8	39°5	25°6	41°8	0°8	1°2	°132	°218	88	90	Calm 0	NW 3	0	8	—	Bright and sunny.
15	30°07	30°08	40°9	41°6	35°8	45°2	1°0	1°6	°235	°229	92	88	NNW 2	SSW 2	0	9	—	Fine and sunny.
16	29°91	29°70	40°3	36°5	36°3	42°2	1°2	0°5	°226	°206	91	95	SSE 5	SE 7	10	5	—	Sunny intervals. 1 (gale).
17	°65	°81	35°0	35°0	32°2	41°2	0°8	0°0	°188	°204	92	100	SE 5	ESE 2	9	0	—	~~~~~ ⁰ (mist) ga.
18	°81	°72	37°9	35°9	33°4	40°1	1°6	0°4	°197	°204	87	97	ENE 3	SE 5	5	7	—	Sunny intervals. ~~~~~ ² 2 p. - 3 p.
19	°70	°81	36°7	35°9	34°9	38°4	0°7	1°4	°204	°186	94	88	SE 5	E 3	6	10	—	~~~~~ ⁴ 4 a. - 7 a.
20	°88	°82	35°5	36°9	33°2	37°8	1°4	0°9	°181	°201	87	92	ESE 2	SE 2	10	10	°032	Overcast and gloomy.
21	°76	°66	37°5	42°2	35°6	43°8	0°4	0°2	°216	°265	96	98	SE 3	SE 3	8	10	°205	Frequent ● showers early a.
22	°50	°31	42°9	42°0	41°5	47°1	0°9	0°0	°256	°267	93	100	SSE 6	SSE 5	10	10	°350	● ⁰ a. and p. ~~~~ ³ p.
23	°37	°28	46°5	45°4	40°3	49°1	0°2	0°2	°312	°298	98	98	SE 4	SSE 4	10	8	°300	● ⁰ a. and p.
24	°26	°29	44°4	44°1	43°4	48°0	0°0	0°0	°292	°289	100	100	SE 4	SE 2	10	10	°020	● ⁰ ~~~~~ ⁰ all day.
25	°35	29°33	46°0	46°1	45°5	50°1	0°2	0°0	°306	°312	99	100	ESE 5	ESE 4	5	10	°040	● ⁰ ~~~~~ ⁰ p.
26	29°16	28°82	43°4	44°0	43°2	46°3	0°0	0°0	°281	°288	100	100	ESE 6	SE 6	10	10	°250	~~~~~ ² n. ● ² from 4 p.
27	28°89	28°93	46°0	45°4	43°1	49°1	0°0	0°3	°311	°296	100	98	S 4	SW 4	7	6	°020	Sunny intervals.
28	29°10	29°22	47°0	45°0	44°0	49°5	0°3	0°0	°316	°299	98	100	SSW 4	SW 3	5	8	°002	Fine and sunny.
Mean	29°590	29°554	38°0	38°3	34°5	42°3	1°2	0°9	°208	°216	88°4	91°5	3°2	3°3	6°1	7°1	1°548	

Height above Mean Sea Level, 59 feet. Heights above Ground:—Bar., 20 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 4° 12' W. Lat. 51° 10' N. Gravity Correction, +.016 in.

1	30°56	30°26	36°3	37°1	34°2	40°4	2°7	2°5	164	174	76	79	NE	5	NE	5	3	5	—	Very fine.
2	°09	°01	35°5	34°7	34°0	37°6	2°1	0°7	168	187	81	93	NE	4	NE	4	10	10	°02	*. Dull day. [hill tops,
3	°02	°03	35°3	33°7	33°7	37°2	1°7	0°9	173	174	84	90	NE	4	NE	3	9	10	°04	— a. * (sleet) 3p.-6p. ☒ on
4	30°10	30°04	37°1	34°5	33°4	37°4	1°5	1°5	192	170	86	85	NE	2	NE	2	8	10	—	Gloomy day.
5	29°51	29°66	35°3	35°1	33°0	36°8	2°1	2°3	166	161	80	78	SE	3	E	3	9	1	—	Gloomy and cloudy.
6	°44	°34	34°5	33°9	32°4	39°6	1°3	2°1	173	154	86	79	E	3	E	2	9	1	—	—
7	°41	°35	34°5	32°7	30°4	41°8	2°7	1°9	148	147	74	79	E	1	E	4	0	0	°18	Very fine. ∞
8	°27	°33	38°9	38°5	32°7	42°8	1°1	1°1	215	211	91	90	SW	4	W	5	7	10	°02	▲ a. Sun-dogs a.
9	°40	°50	33°7	34°9	31°0	40°8	3°7	3°1	124	166	64	72	E	1	E	1	1	3	°04	Very fine.
10	°53	°65	35°1	37°1	29°8	39°4	2°1	4°1	165	148	80	67	NE	2	NW	2	3	5	—	* n. ☒. Very fine.
11	°74	°82	39°9	33°5	32°0	42°6	4°1	1°1	170	168	69	88	NE	1	SE	1	4	7	°13	* (½ in. deep) 8p.-9p.
12	°87	°87	33°5	30°3	29°6	38°8	1°9	2°1	153	117	80	66	NE	4	NE	1	1	0	—	☒. Very fine.
13	29°89	29°95	35°9	33°1	28°0	38°8	3°1	1°9	154	149	73	79	NE	2	NE	3	1	2	—	☒. Very fine.
14	30°07	30°14	32°9	39°1	30°0	39°2	2°1	3°3	145	176	77	74	NE	3	N	2	1	3	—	~ ⁰ ☐ 7p. ∞ all day.
15	°24	30°28	41°7	33°7	33°7	45°2	1°9	1°5	225	162	85	84	NW	2	E	3	5	1	—	~ ⁰ . Very fine.
16	30°11	29°87	35°7	34°1	33°0	40°4	2°5	2°3	163	152	78	77	SE	4	SE	6	2	7	—	~ ⁰ . Ground sea p. ☐ 8p.
17	29°84	°95	37°9	34°9	33°0	45°0	2°9	1°3	174	177	76	87	SE	3	E	1	7	2	—	Heavy ground sea all day.
18	°99	°89	37°9	34°9	32°0	40°2	3°1	1°5	171	174	75	85	SE	1	SE	4	3	6	—	Heavy ground sea all day. ~ ² a. ∞.
19	29°93	°97	35°7	36°7	34°0	38°0	1°9	1°5	174	188	83	87	E	3	E	4	10	10	—	Ground sea, with ∞ all day.
20	30°02	°99	36°3	34°7	34°7	38°6	0°9	1°1	196	180	92	89	NE	3	SE	1	10	10	—	Overcast.
21	29°95	°85	38°1	40°7	34°0	44°2	1°1	0°9	208	235	90	93	E	4	E	4	9	9	—	Overcast and gloomy.
22	°70	°56	44°7	49°7	40°6	49°7	1°7	0°8	257	335	87	94	SE	5	E	4	9	10	°09	Gloomy day. ● 9p.
23	°54	°47	50°5	49°7	48°0	55°0	0°0	1°2	340	325	93	92	SE	4	SE	4	10	9	°10	Gloomy day. ●.
24	°45	°52	47°7	48°5	42°0	55°6	1°1	1°7	304	299	92	88	E	4	SE	3	9	3	°02	—
25	°52	°47	47°5	47°7	41°6	55°0	1°5	0°9	393	309	88	93	SE	2	SE	4	8	3	°01	—
26	°35	°09	46°7	46°1	45°4	49°2	0°9	1°3	297	281	93	90	SE	4	SW	4	9	6	°16	Gloomy day. ●.
27	°11	°15	47°9	46°5	43°0	52°4	1°5	1°1	297	290	88	92	SE	4	SW	4	7	9	°09	● showers.
28	29°35	29°44	48°5	43°9	43°0	53°2	1°7	1°1	299	262	88	91	S	4	SE	4	6	0	°11	—
Mean	29°764	29°731	39°1	38°2	35°1	43°6	2°0	1°7	204	202	82°5	84°4	3°1		3°1	6°1	5°4	1°08		

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24' W. Lat. 50° 55' N. Gravity Correction, +.016 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.		9 p.m.	
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
1	ins.	ins.	32° 8'	33° 7'	32° 4'	39° 4'	0° 5'	1° 7'	in.	in.	%	%	NE 6	NE 8° 5'	1	0	ins.	Fine and bright. ✱ (gale).
2	30° 52'	29° 19'	32° 2'	32° 8'	30° 7'	34° 8'	0° 2'	0° 3'	177	159	95	82	NE 6	NE 4	10	10	033	✱ ⁰ 9a.-noon and 5p.-9p. ✱ (gale).
3	29° 08'	30° 01'	33° 2'	34° 2'	32° 2'	35° 0'	0° 7'	0° 7'	175	184	92	93	NE 3° 5'	NE 2° 5'	10	10	055	✱ ⁰ 2a. and 10a.-4p.
4	30° 55'	30° 03'	34° 1'	33° 5'	32° 4'	36° 7'	0° 3'	1° 4'	191	164	97	85	NNE 3	NE 2	10	10	—	✱ (sleet) 9a. ✱ ⁰ a. and p.
5	29° 95'	29° 73'	33° 5'	34° 0'	31° 7'	37° 2'	1° 3'	1° 8'	166	160	86	81	NE 2	E 4	10	10	—	Dull, with ✱ ⁰ .
6	46	30	34° 0'	35° 0'	32° 4'	38° 2'	1° 2'	1° 0'	172	184	87	90	NE 3° 5'	NE 3° 5'	10	10	042	✱ ⁰ a. and p. ✱ ⁰ (sleet) 8p.
7	35	40	33° 3'	34° 7'	30° 4'	41° 2'	1° 2'	1° 7'	166	168	87	83	NNE 3	E 3	10	8	—	✱ (sleet) ✱ a. Sunny day. ✱ p.
8	26	31	36° 0'	38° 7'	30° 2'	45° 9'	0° 5'	3° 0'	203	179	96	77	SE 2	SW 2	8	10	053	✱ a. Fine and sunny.
9	46	49	32° 0'	32° 7'	30° 5'	43° 2'	1° 0'	2° 0'	157	144	87	77	NW 3	NW 3	0	8	—	✱ a. Fine and sunny. D p.
10	48	61	30° 0'	31° 0'	28° 4'	40° 2'	0° 6'	1° 2'	150	143	90	82	N 2° 5'	NW 3	8	0	—	✱ ² a. ✱ 8p. ☒
11	74	81	28° 0'	33° 0'	24° 4'	44° 2'	0° 0'	1° 0'	153	167	100	89	NW 2	NW 2	1	0	013	☒ ⁰ a. Sunny day. ✱ ⁰ p.
12	88	87	26° 3'	28° 5'	23° 4'	40° 4'	0° 0'	1° 0'	143	128	100	82	N 2	NE 3	1	0	—	☒ ⁰ a. Sunny day. U p.
13	29° 86	29° 91	26° 5'	30° 1'	23° 3'	39° 2'	0° 5'	1° 0'	128	142	90	84	NE 3	NE 3	0	0	—	☒ ⁰ a. Dull day. ✱ ⁰ p.
14	30° 01	30° 10	29° 1'	27° 7'	24° 9'	32° 1'	0° 6'	0° 0'	143	151	90	100	NE 3	N 3	10	0	—	☒ ⁰ a. Sunny day. U p.
15	29	32	32° 3'	33° 1'	26° 7'	40° 9'	0° 4'	1° 0'	176	168	96	89	NNW 3	SE 3° 5'	8	10	—	☒ ⁰ a. Sunny day. U p.
16	30° 25	30° 02	28° 4'	28° 5'	22° 1'	37° 9'	1° 1'	1° 5'	124	114	80	74	E 3° 5'	ENE 3	1	10	—	☒ ⁰ a. Sunny day. U p.
17	29° 86	29° 90	28° 3'	34° 1'	22° 7'	42° 2'	0° 3'	1° 9'	146	159	95	80	NE 3	NE 3	3	5	—	☒ ⁰ a. Dull day.
18	98	29° 97	32° 8'	34° 3'	31° 0'	36° 6'	0° 5'	1° 1'	177	176	95	88	NNE 2° 5'	ENE 3	10	10	—	☒ ⁰ a. and p. Dull day.
19	29° 97	30° 00	35° 2'	34° 0'	33° 2'	37° 2'	1° 7'	1° 2'	173	172	84	87	E 3° 5'	NE 3° 5'	10	10	017	Dull day. ✱ ⁰ p.
20	30° 02	30° 00	34° 5'	35° 8'	33° 5'	36° 3'	0° 6'	0° 8'	188	195	94	93	NE 4	NE 4	10	10	—	☒ ⁰ a. and p.
21	29° 99	29° 97	37° 7'	42° 0'	35° 1'	44° 4'	0° 9'	1° 0'	209	245	92	92	SE 3	SSW 2° 5'	10	10	—	☒ ⁰ a. and p.
22	87	71	41° 9'	45° 4'	39° 1'	48° 4'	1° 2'	0° 4'	241	294	92	97	S 3	SE 4	8	10	305	Bright till 3p. ● from 5p.
23	69	64	46° 9'	47° 5'	44° 7'	50° 6'	0° 1'	0° 8'	319	309	100	94	S 3	SE 4	10	10	460	☒ ² a. Frequent showers.
24	54	57	44° 6'	45° 0'	42° 6'	47° 5'	0° 5'	0° 5'	282	287	96	96	SE 3° 5'	SE 3	10	10	150	● till noon.
25	55	55	44° 7'	44° 7'	43° 1'	47° 5'	0° 5'	0° 7'	284	279	96	94	NE 2	SE 3	10	7	015	Dull day. ● ⁰ p.
26	46	17	43° 7'	45° 7'	42° 5'	46° 1'	0° 0'	0° 5'	262	295	92	96	SE 3° 5'	SE 6	10	10	395	Dull day. ● from 6p.
27	20	25	46° 9'	46° 9'	42° 7'	50° 1'	0° 8'	0° 9'	295	299	95	94	SW 3° 5'	SW 4° 5'	10	8	128	● showers.
28	29° 41	29° 48	46° 9'	44° 0'	43° 9'	52° 6'	0° 5'	0° 6'	309	274	97	95	SW 3	SW 3	10	0	008	● showers a. ☒ D p.
Mean	29° 787	29° 760	35° 2'	36° 5'	32° 5'	41° 7'	0° 7'	1° 1'	196	197	92° 8'	88° 3'	3° 2'	3° 4'	7° 5'	7° 0'	1° 674	

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 0 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 4° 8' W. Lat. 50° 22' N. Gravity Correction, +.015 in.

1	30°39	30°10	35°6	34°6	33°2	40°3	0°3	3°8	*134	98	67	ENE 6	NE 8	0	0	—	Sunny, but with cold wind.	
2	29°98	29°92	33°6	33°0	33°1	35°0	0°1	1°2	*191	99	86	ENE 6	NE 3	10	10	—	☼ ⁰ (sleet). Overcast all day.	
3	30°01	'93	34°9	34°9	33°1	36°0	1°4	0°9	*175	185	87	ENE 4	ENE 3	10	10	—	Overcast all day. ☼ (sleet) p.	
4	29°01	'98	35°7	34°8	34°5	37°8	2°0	0°9	*173	184	83	ENE 3	NE 3	10	10	—		
5	29°84	'65	36°2	35°6	34°6	38°2	0°9	1°8	*197	176	92	E 3	E 2	10	9	—		
6	'36	'26	37°0	34°6	34°6	38°7	1°9	1°2	*184	177	84	E 4	NE 1	10	10	—		
7	'31	'34	35°8	33°4	32°4	44°3	2°5	1°3	*264	156	78	NE 1	Calm 0	3	0	'13	Fine and sunny.	
8	'23	'32	39°5	37°9	31°1	47°7	0°8	1°9	*266	191	94	WNW 1	W 3	2	0	'01	☼ ⁰ showers. Sunny intervals.	
9	'42	'46	32°9	35°9	28°8	40°8	1°3	3°9	*160	142	85	Calm 0	E 3	0	8	—	Beautifully fine.	
10	'46	'61	31°9	31°5	29°9	39°8	0°3	1°0	'174	154	96	N 4	Calm 0	0	0	—	Fine and sunny all day.	
11	'68	'76	31°5	31°4	24°8	46°0	0°8	0°6	*159	162	89	Calm 0	NNW 2	0	0	—	Fine and sunny.	
12	'77	'79	33°3	32°9	25°3	40°7	1°7	1°1	*156	162	82	NNW 1	ENE 4	0	3	—	Very fine and sunny, but cold.	
13	'80	29°88	31°3	30°6	28°1	40°9	0°1	2°8	*174	107	99	Calm 0	NE 2	2	2	0	—	Very fine and sunny.
14	29°97	30°09	28°5	31°8	25°0	39°9	0°0	0°8	*157	159	100	NNW 1	NNE 2	0	0	—	Bright and sunny all day.	
15	30°17	30°22	33°9	34°9	30°6	46°0	0°0	1°2	'195	179	100	89	Calm 0	NE 3	9	2	—	Fine and sunny.
16	30°10	29°89	39°3	34°1	30°4	45°8	3°5	1°4	'176	169	74	85	SSE 5	E 5	4	8	—	Fine and sunny a.
17	29°77	'90	34°4	33°9	31°8	46°0	1°7	1°6	'166	163	83	83	ESE 2	Calm 0	8	2	—	Fine and sunny.
18	'90	'88	36°7	34°9	27°6	45°8	2°2	1°1	'177	181	82	90	Calm 0	E 4	6	8	—	Fine and sunny.
19	'83	'85	36°9	39°6	34°9	41°3	1°3	1°4	'194	215	89	89	ESE 2	E 4	10	10	—	Dull and cloudy all day.
20	'92	'93	38°3	34°6	34°6	39°8	0°8	0°3	*215	'195	94	97	ENE 2	Calm 0	10	10	'02	Cloudy and damp all day.
21	'89	'85	37°8	43°6	34°6	44°0	0°0	1°1	'226	'259	100	91	ENE 3	SSE 5	10	9	'01	☼ ⁰ showers.
22	'69	'54	44°6	46°9	43°6	47°4	0°8	0°0	'276	'322	94	100	SSE 6	SSW 6	10	10	'44	☼ ² from zp. ☼ n.
23	'53	'46	49°7	48°8	46°6	50°7	1°1	1°0	'354	'331	99	93	SSE 6	SE 6	10	10	'44	☼ ⁰ showers.
24	'40	'48	48°3	45°8	45°7	52°7	0°3	0°0	'331	'309	98	100	SSE 4	E 3	10	10	—	Fine and sunny.
25	'44	'42	45°5	45°4	44°7	47°0	0°0	0°0	'305	'304	100	100	E 4	E 3	10	10	'01	Overcast, with ☼ ⁰ showers.
26	'30	'08	45°6	45°9	44°8	48°5	0°7	1°0	'291	'288	95	94	SE 6	Calm 0	10	8	'56	Overcast and squally. ☼ ² from zp.
27	'07	'13	46°0	46°2	45°7	49°9	0°3	1°6	'304	'276	98	89	SW 4	SW 3	9	3	'10	☼ ² showers a.
28	29°29	29°38	47°0	46°6	45°8	51°6	0°8	0°4	*303	*305	94	96	Calm 0	SSW 4	7	3	—	Fine and sunny.
Mean	29°693	29°681	37°9	37°6	34°6	43°7	1°0	1°3	*215	*205	91°6	87°7	2°8	2°9	6°4	5°8	1°72	

ARMAGH.—FEBRUARY 1902.

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

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.
							Dep. of Wet.		Vapour Pressure.		Percentage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
	ins.	ins.	°	°	°	°			in.	in.	%	%					ins.	
1	30°66	30°48	34°4	32°0	30°3	39°9	0°9	0°6	1°81	1°67	91	92	NE 2	ENE 1	10	0	0°20	
2	°25	°13	39°0	33°2	32°0	42°0	0°4	3°2	°230	°128	97	68	NE 4	NE 2	9	0	—	
3	°03	30°01	37°4	36°6	33°0	41°2	1°4	1°2	°196	°194	88	90	NE 2	NE 1	9	9	°018	
4	30°01	29°91	35°3	34°3	34°0	39°0	0°8	1°3	°191	°172	93	86	NE 0°5	NE 0°5	10	10	—	Overcast all day.
5	29°73	°47	34°3	32°6	32°6	36°3	2°7	1°4	°146	°155	74	84	NE 1	SSW 3	10	10	—	Overcast all day.
6	°25	°18	31°6	35°0	30°0	41°3	1°6	2°2	°141	°160	79	79	SW 2	SSW 1	3	10	°020	— a.
7	°22	°11	29°6	32°0	28°2	35°0	0°4	0°6	°153	°167	93	92	SSW 1	ENE 1	10	10	1°020	— a. ✕ from 1p.
8	°15	°31	32°0	23°6	23°6	34°5	0°4	1°3	°172	°084	94	67	NE 1	NE 0°5	10	0	—	☼ (2 feet deep).
9	°30	°32	25°5	27°0	16°9	35°2	0°8	1°8	°112	°094	81	64	NE 0°5	WSW 0°5	0	7	—	
10	°45	°46	21°8	26°1	19°0	35°3	1°2	2°1	°077	°080	67	57	WSW 0°5	WSW 2	0	0	—	Fine and clear.
11	°54	°70	24°2	20°8	19°8	34°0	0°6	1°2	°112	°072	84	65	WSW 1	WSW 1	10	0	—	
12	°73	°75	24°6	21°6	15°0	33°6	1°8	2°0	°077	°057	59	50	SW 1	SW 1	0	0	—	Fine and clear.
13	°82	°88	22°0	24°0	15°8	30°3	1°4	1°4	°072	°082	62	65	SW 1	SW 1	10	4	—	
14	29°91	°98	25°1	29°6	13°0	34°4	1°8	1°5	°081	°124	60	76	SW 1	SW 1	10	3	—	
15	30°01	°89	25°4	34°8	25°0	37°0	0°8	1°8	°111	°166	81	82	SSW 2	S 4	0	10	—	Rapid thaw from 11a.
16	29°66	°56	39°6	36°6	34°8	42°0	3°0	2°4	°187	°173	76	80	S 7	SSE 5	10	10	°398	Overcast all day. ● showers.
17	°60	°78	36°3	36°8	35°9	40°5	0°7	1°2	°201	°195	94	90	SSE 3	S 1	10	10	°045	Overcast, with ●.
18	°78	°70	39°6	37°0	35°4	41°3	0°6	1°6	°231	°189	95	86	SE 1	SE 1	10	10	—	Overcast all day.
19	°73	°85	38°1	37°3	36°9	42°7	1°5	2°0	°200	°184	87	83	SSE 3	SSE 1	10	10	—	Overcast all day.
20	°89	°81	37°4	36°6	36°2	40°0	0°8	0°2	°208	°213	93	99	SE 1	S 1	10	10	—	Overcast all day.
21	°66	°53	38°8	41°6	35°0	43°5	1°4	0°8	°209	°247	89	94	SSE 3	SSE 3	10	10	°037	Overcast all day.
22	°39	°20	45°6	44°0	41°5	47°0	1°0	0°0	°283	°288	93	100	SSE 3	SSE 4	10	10	°092	Overcast, with ●.
23	°33	°20	49°6	46°0	43°5	50°2	2°3	0°4	°298	°301	84	97	S 2	SE 4	10	10	°028	Overcast, with ● showers.
24	°22	°32	46°6	42°6	42°6	50°0	0°6	1°2	°303	°247	96	90	SSE 3	SE 2	10	2	—	
25	°36	29°35	46°6	42°0	42°0	52°8	1°0	1°8	°294	°229	93	86	SE 2	SSE 2	9	5	°042	● showers.
26	29°21	28°94	40°6	38°6	38°6	42°2	0°6	1°2	°240	°211	95	91	E 3	E 4	10	10	°542	
27	28°81	28°84	44°7	44°6	34°7	50°9	1°1	0°6	°271	°280	92	95	S 2	SE 2	10	7	°102	
28	28°06	29°11	47°0	44°8	40°5	53°5	1°5	4°5	°287	°205	90	69	SW 2	S 3	10	9	—	
Mean	29°595	29°562	35°5	34°7	30°9	40°9	1°2	1°5	°188	°174	85°0	81°3	2°0	1°9	8°2	6°6	2°364	

MARKREE CASTLE.—FEBRUARY 1902.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27' W. Lat. 54° 11' N. Gravity Correction, +.024 in.

1	30.67	30.49	36.8	36.0	32.5	44.3	2.8	1.9	1.67	1.77	76	83	ESE 4	NNE 5	1	0	—	Very fine.
2	30.67	30.49	38.8	37.8	35.2	43.5	1.9	2.2	1.99	1.86	85	82	E 1	NE 6	8	1	—	
3	30.67	30.49	38.7	39.0	34.9	43.1	2.5	2.2	1.88	1.95	81	83	NE 3	E 2	7	10	—	
4	30.67	30.49	37.3	36.9	36.1	39.9	2.4	3.1	1.78	1.64	80	75	NE 0.5	NE 0.5	10	10	—	Overcast all day.
5	29.78	29.78	35.0	34.3	33.0	43.4	1.5	1.4	1.74	1.70	85	86	S 0.5	S 2	9	10	—	☼ a.
6	30.67	30.49	33.7	35.8	31.2	41.7	1.2	0.5	1.69	2.01	87	95	S 1	Calm 0	10	10	0.04	☼ showers. p.
7	29.78	29.78	34.7	32.9	32.2	37.1	2.4	1.4	1.56	1.58	77	84	E 2	NE 5	8	2	0.08	
8	29.78	29.78	38.2	36.8	26.5	34.8	0.4	0.1	1.79	1.42	96	98	NE 3	Calm 0	7	0	—	
9	29.78	29.78	23.6	29.7	16.8	40.8	0.4	0.1	1.12	1.60	89	97	NE 2	Calm 0	9	10	0.12	☼ showers.
10	29.78	29.78	24.8	27.8	19.8	39.5	0.1	0.1	1.30	1.49	98	98	NE 1	Calm 0	4	1	0.08	☼ showers.
11	29.78	29.78	29.2	18.7	18.3	38.8	0.9	0.1	1.36	0.98	85	97	Calm 0	Calm 0	4	0	—	Very fine and frosty.
12	29.78	29.78	20.4	25.4	12.0	40.4	0.4	0.1	0.96	1.34	88	98	Calm 0	S 0.5	0	0	0.03	Fine and frosty. ☼ (sleet) p.
13	29.78	29.78	22.2	29.3	16.6	40.2	0.2	0.6	1.12	1.46	94	90	Calm 0	S 1	1	1	—	Fine day.
14	29.78	29.78	24.9	27.4	18.3	44.4	0.5	0.2	1.17	1.43	87	96	SSE 0.5	NNE 0.5	0	0	—	Fine day.
15	29.78	29.78	33.6	38.2	22.3	40.8	1.7	0.8	1.58	2.14	83	94	SE 2	SE 4	3	10	0.01	☼ n.
16	29.78	29.78	42.7	41.7	37.9	44.4	3.3	1.4	2.07	2.35	76	89	SSE 6	SSE 5	10	10	0.56	☼.
17	29.78	29.78	42.2	41.5	39.2	44.1	0.9	0.3	2.30	2.55	92	98	SE 2	SE 4	10	10	—	Gloomy day. ☼ (mist) n.
18	29.78	29.78	37.7	40.2	35.1	45.8	0.1	1.6	2.24	2.16	99	88	S 3	SE 6	10	6	—	Overcast all day.
19	29.78	29.78	39.7	39.6	39.2	43.3	1.4	1.6	2.16	2.11	88	87	SSE 4	SE 4	10	10	—	Overcast all day.
20	29.78	29.78	37.3	38.0	36.4	41.3	1.6	1.1	1.92	2.06	87	90	SE 2	SE 3	10	10	—	Overcast all day.
21	29.78	29.78	39.3	43.2	36.6	45.9	1.3	1.3	2.15	2.51	90	90	SE 3	SE 6	10	10	0.13	Overcast all day. ☼ p.
22	29.78	29.78	46.2	47.0	42.8	49.6	0.4	0.8	3.04	3.03	98	94	SE 2	SE 6	10	10	0.13	Overcast all day. ☼ p.
23	29.78	29.78	46.7	49.5	45.7	51.8	1.4	1.3	2.86	3.20	90	90	SE 2	SE 4	9	10	0.06	☼.
24	29.78	29.78	50.7	44.9	44.7	55.8	2.3	1.3	3.12	2.68	85	91	S 3	SE 2	4	2	0.08	Fine and sunny.
25	29.78	29.78	47.3	44.7	42.6	51.7	1.2	1.2	2.97	2.69	92	91	SSE 3	SE 2	8	3	—	
26	29.78	29.78	45.9	40.5	40.5	48.9	1.3	0.8	2.80	2.35	92	94	ESE 4	E 6	10	10	0.32	☼ all day.
27	29.78	29.78	42.3	44.5	37.0	51.1	0.3	0.8	2.63	2.75	98	94	SE 1	S 1	10	2	0.28	☼ showers.
28	29.78	29.78	46.3	44.6	42.1	50.8	2.1	1.1	2.65	2.70	85	92	SE 2	S 4	8	10	0.17	☼ showers.
Mean	29.628	29.588	36.7	37.0	32.3	44.2	1.3	1.1	1.99	2.05	88.0	90.9	2.1	2.8	7.1	6.0	2.09	

DUBLIN (PHENIX PARK).—FEBRUARY 1902.

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

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.		
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
	ins.	ins.							in.	in.	%	%					ins.	
1	30.66	30.44	38.6	39.5	36.6	41.9	3.1	2.4	1.77	1.96	76	81	ENE 2	NE 3	7	0	—	Fine, but cloudy.
2	30.22	30.10	40.9	38.5	37.8	42.7	4.3	4.2	1.75	1.98	68	67	E 4	ENE 2	4	4	—	Fine, but cloudy.
3	30.04	30.01	38.8	40.4	37.4	42.1	2.9	2.1	1.81	2.09	78	83	E 1	NE 1	8	7	—	Cloudy day.
4	30.04	29.97	38.6	35.1	34.6	41.3	2.9	0.6	1.80	1.93	78	94	E 1	Calm 0	9	10	0.020	Dull day. ☉ p.
5	29.81	29.81	36.4	32.5	32.0	35.8	1.1	0.9	1.75	1.65	88	89	Calm 0	Calm 0	10	10	—	Dull day.
6	29.84	29.84	28.1	26.2	23.5	41.6	0.9	0.7	1.26	1.20	83	84	Calm 0	Calm 0	0	2	—	Beautiful day.
7	29.82	29.82	32.7	35.8	25.2	39.2	1.1	0.9	1.63	1.95	87	93	Calm 0	Calm 0	10	10	0.145	☼ a. ☉ a. and p.
8	29.84	29.84	33.2	30.0	29.7	37.0	0.7	1.1	1.75	1.38	92	82	Calm 0	N 1	10	4	0.010	☼ 6a.-7a. ☉ showers a. and p.
9	29.89	29.89	27.7	28.1	21.8	38.5	1.5	0.5	1.07	1.38	72	89	W 1	W 1	4	2	—	Beautiful day.
10	29.51	29.51	25.3	28.7	21.4	36.4	1.0	1.0	1.04	1.29	76	82	Calm 0	Calm 0	6	0	—	Fine, but cloudy.
11	29.60	29.60	27.7	28.0	25.4	31.8	0.8	1.4	1.27	1.12	84	73	W 1	Calm 0	9	10	—	Cloudy day. ☼ p.
12	29.82	29.82	21.8	27.5	19.5	35.3	1.1	0.9	0.83	1.22	69	82	Calm 0	Calm 0	0	1	—	Beautiful day.
13	29.84	29.84	22.8	26.1	20.4	37.9	1.1	0.5	0.85	1.25	70	88	Calm 0	Calm 0	6	0	—	☼ 5a.-8a. Fine, but cloudy.
14	30.00	30.05	27.1	34.5	20.0	39.7	1.3	1.2	1.07	1.76	74	87	Calm 0	W 1	2	0	—	Beautiful day.
15	30.10	30.03	32.5	40.7	24.0	45.5	1.8	3.9	1.46	1.80	79	71	Calm 0	SSW 2	2	7	—	Bright a. Cloudy p. ☐ p.
16	29.83	29.67	42.7	40.1	38.1	45.3	4.5	3.5	1.87	1.81	69	72	S 3	S 3	7	10	0.005	Cloudy a. Dull p.
17	29.67	29.67	39.5	39.1	37.9	42.9	1.9	0.5	2.05	2.29	85	96	Calm 0	Calm 0	10	10	0.100	☼ 8a.-noon. ☼ n.
18	29.84	29.84	34.2	40.0	31.1	46.9	0.6	2.2	1.86	2.03	94	82	Calm 0	SE 1	8	7	—	☼ a. Cloudy day.
19	29.77	29.77	36.6	35.3	44.3	2.0	2.1	2.01	1.78	84	83	SE 1	SE 1	6	8	—	Cloudy day.	
20	29.95	29.86	38.3	35.8	35.4	38.6	1.9	1.6	1.94	1.81	84	86	Calm 0	Calm 0	10	10	—	Cloudy day.
21	29.63	29.63	39.8	43.6	34.8	44.9	1.5	1.7	2.15	2.47	88	87	Calm 0	S 1	10	10	0.040	Dull day. ☉ 8p.
22	29.47	29.46	48.7	46.7	42.6	49.1	2.8	2.0	2.77	2.72	81	86	S 2	SE 2	9	8	—	Dull day.
23	29.39	29.38	47.2	49.9	39.9	51.1	1.5	2.2	2.89	3.04	90	86	Calm 0	SSE 2	8	8	0.020	Dull day. ☉ p.
24	29.28	29.38	49.2	40.1	39.7	52.7	2.4	0.5	2.92	2.38	84	96	S 1	Calm 0	8	4	—	Cloudy day.
25	29.42	29.38	46.1	43.0	39.1	50.7	1.2	0.6	2.84	2.64	91	95	E 1	Calm 0	7	4	0.065	Cloudy day. ☉ from 11p.
26	29.23	29.20	44.3	42.0	40.9	46.1	1.6	0.4	2.56	2.38	88	97	ESE 2	ENE 3	10	10	0.890	☉ till 6a. ☉ 2 from 3p.
27	28.88	28.91	46.3	46.0	40.9	51.8	2.0	2.1	2.68	2.63	86	85	Calm 0	Calm 0	7	8	0.185	☉ till 2a. Cloudy day.
28	29.05	29.20	48.3	45.7	42.1	53.9	3.4	3.4	2.59	2.33	76	76	SW 2	S 1	4	4	—	Fine, but cloudy.
Mean	29.652	29.614	37.1	37.2	32.4	43.0	1.9	1.6	1.87	1.93	81.2	84.7	0.8	0.9	6.8	6.0	1.480	

DEERNESS.—MARCH 1902.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45' W. Lat. 58° 56' N. Gravity Correction, +.036 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.	Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			9 p.m.
							9 a.m.	9 p.m.	9 a.m.	9 p.m.									
	ins.	ins.							in.	in.	%	%					ins.		
1	29.35	29.44	39.7	41.0	36.2	43.0	0.4	0.4	.237	.248	96	97	SE 3	SE 2	10	0	.025	[clouds 6p.	
2	.49	.52	40.8	43.0	38.0	44.3	0.1	1.0	.252	.255	100	92	SE 3	S 2	10	10	—	☼ a. Fine day. Mammalated	
3	.53	.47	41.8	41.5	39.2	43.6	1.2	1.5	.240	.230	91	88	S 3	SSW 2	8	6	.05	Parhelion ga. ☼ showers 3p.-4p.	
4	.55	.60	42.3	44.0	39.0	46.6	1.2	0.6	.244	.274	91	95	S 2	S 2	10	10	.19	Dull and overcast, ☼ showers 8p.	
5	.55	.65	43.8	43.2	41.8	46.8	0.7	1.2	.269	.253	95	90	WSW 4	SW 2	8	10	.11		
6	.56	.57	43.0	41.0	40.0	46.6	1.0	0.3	.255	.250	92	98	SW 2	NNW 1	10	0	.16	Mild, with ☼ p.	
7	.73	29.70	41.2	39.4	38.2	43.0	2.0	0.9	.217	.224	85	93	N 2	Calm	8	9	.075	Very fine mild day.	
8	.45	28.99	39.6	44.2	37.0	45.0	0.7	1.4	.229	.259	94	89	ESE 2	W 7	10	9	.30	Muggy a. ☼ 1p.-8p. ☼ (gale).	
9	.46	29.57	38.6	38.0	35.7	45.0	3.5	1.0	.170	.208	73	91	NNW 3	S 4	3	10	.05	Dull and cold.	
10	.59	.80	43.6	39.2	37.2	46.6	0.6	2.1	.270	.199	95	83	S 2	N 3	2	1	—	☼ rad.-noon.	
11	.87	.83	41.7	39.8	34.7	44.8	2.6	2.8	.211	.191	81	78	ESE 1	SE 5	3	8	—	Bright a. ☼ p.	
12	.68	.43	41.8	42.0	37.3	42.0	2.0	0.7	.225	.252	85	94	SSE 7	SSE 4	10	10	—	☼ (gale). Overcast day.	
13	.37	.39	41.1	40.0	38.0	46.8	2.4	2.0	.209	.207	81	84	SSE 7	SW 5	10	0	.035	☼ (gale) most of day.	
14	.38	.27	42.1	43.0	38.8	47.2	1.1	1.2	.244	.251	91	90	S 4	S 3	10	10	.09	☼ a.	
15	.28	.56	41.7	40.3	38.2	45.6	1.7	1.2	.228	.225	87	91	WNW 4	NW 4	7	0	.03		
16	.83	.79	40.0	40.2	37.8	42.8	2.2	1.4	.203	.220	82	89	NNW 3	S 4	8	7	.03	Fine, dry, and cold. ☼	
17	.63	.62	47.4	44.1	39.4	49.0	0.4	0.3	.317	.282	97	97	SW 3	S 2	10	10	.095	Dull and muggy. ☼ from 7p.	
18	.31	29.29	45.8	41.2	40.0	47.0	1.6	2.6	.272	.207	89	80	SSW 6	SW 7	10	1	.17	☼ (gale).	
19	29.22	28.53	38.2	40.0	34.0	42.8	1.2	1.0	.206	.226	90	92	WSW 5	SSW 6	10	10	.31	☼ (sleet) showers till 2p. ☼ from	
20	28.37	.48	40.4	39.2	35.2	42.0	2.4	1.4	.203	.212	81	88	WSW 8	WSW 7	8	10	.64	☼ (gale). ☼ showers p.	
21	.54	28.64	40.2	39.7	34.4	44.0	1.0	1.1	.228	.222	92	91	WNW 4	N 4	10	10	.105	Dull, with ☼ showers.	
22	28.80	29.02	40.7	39.0	36.6	44.8	1.9	1.0	.215	.182	85	92	NE 5	NNE 5	9	10	.22	Cold, with ☼ showers.	
23	29.13	.24	35.8	36.8	33.7	39.8	1.6	3.8	.181	.151	86	69	N 7	N 5	10	10	.03	Cold. ☼ (gale). Cir.-s. N-S. p.	
24	.15	.12	35.7	34.0	33.0	39.7	2.0	2.0	.173	.156	83	79	N 3	W 1	5	5	—		
25	.28	.38	38.3	32.0	31.0	41.8	3.3	0.0	.170	.182	73	100	W 2	W 2	1	10	.08	☼ showers after 8p.	
26	.41	.45	34.6	36.2	30.0	41.0	2.3	1.8	.157	.180	78	85	SW 3	SSW 2	9	7	—	☼ and ☼ showers a.	
27	.38	.52	40.7	36.5	33.2	43.6	2.5	0.5	.204	.206	81	95	SSE 3	Calm	0	6	—	Very fine.	
28	.57	.38	42.2	40.8	34.4	43.0	3.4	1.8	.202	.217	76	86	N 1	SW 6	4	10	.04	Fine a. ☼ p.	
29	.22	.49	39.0	34.0	33.2	44.0	2.0	1.8	.199	.160	84	81	NW 5	NW 8	4	10	—	☼ showers. ☼ (gale) p.	
30	.55	.63	36.0	38.2	29.8	40.8	4.0	1.9	.142	.193	66	84	N 6	E 3	3	9	.11	☼ showers. Overcast after 6p.	
31	29.29	29.11	39.4	41.2	35.0	46.4	0.7	2.2	.228	.213	95	83	SSE 4	SW 5	10	0	.10		
Mean	29.371	29.370	40.6	39.8	36.1	44.2	1.7	1.4	.219	.218	86.3	88.5	3.8	3.6	7.7	7.0	3.045		

DUNROBIN CASTLE.—MARCH 1902.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56' W. Lat. 57° 59' N. Gravity Correction, +.034 in.

1	29°50	29°59	39°2	39°0	33°0	41°0	1°2	2°0	216	199	90	84	NE	N	—	—	—	Fine, mild, and calm.
2	°63	°74	44°0	39°2	34°0	47°2	1°2	2°2	261	197	90	82	SW	N	—	—	—	Fine and mild.
3	°68	°72	41°2	40°0	32°2	45°0	1°7	2°0	223	207	87	84	SE	NW	—	—	—	Dull, mild, and calm.
4	°71	°79	42°2	46°8	34°0	49°2	0°7	3°0	254	252	94	80	S	S	—	—	—	Dull and mild.
5	°73	°84	44°0	45°0	39°0	51°0	1°5	2°0	243	253	82	85	NW	NW	—	—	°08	☉ showers a.
6	°75	°81	42°8	47°0	38°0	52°2	1°0	1°0	254	298	92	93	SW	W	—	—	°33	Fine a.
7	°91	°84	42°5	41°0	38°0	48°0	0°7	1°0	257	235	94	92	W	NE	—	—	°11	☉ showers.
8	°62	°35	40°0	45°2	37°0	45°8	1°0	2°4	226	247	92	83	W	W	—	—	°21	Dull day.
9	°68	29°75	40°2	38°2	33°8	44°2	2°0	0°7	209	216	85	95	SW	E	—	—	°39	☉ showers a. ☉☉ (sleet) p.
10	°78	30°02	41°0	37°8	33°0	53°0	0°8	2°3	239	184	94	81	SW	SW	—	—	—	Fine p.
11	°99	29°94	40°0	39°5	31°5	44°0	1°2	2°7	222	190	90	79	SE	SE	—	—	—	☉ a. Fine p.
12	°84	°68	41°0	41°0	34°5	45°2	1°5	2°5	225	206	88	81	E	SE	—	—	—	Dull and mild.
13	°57	°65	42°2	41°0	37°2	48°8	3°4	3°5	202	189	76	74	SE	SW	—	—	—	Dull a.
14	°58	°48	43°0	43°0	39°0	49°8	1°0	3°0	255	215	92	78	NW	NW	—	—	—	Dull a.
15	29°49	29°87	42°0	43°5	33°2	48°5	2°8	3°3	211	214	79	75	NW	NW	—	—	°05	Fine a.
16	30°03	30°05	43°0	41°0	36°0	48°2	4°5	2°0	189	215	68	84	NW	SE	—	—	—	
17	29°81	29°68	50°8	46°8	38°0	58°5	2°6	1°3	306	289	82	91	NW	E	—	—	°10	
18	°42	29°57	47°0	41°0	37°0	53°0	2°0	4°5	275	172	86	67	N	NW	—	—	—	Dull a. Clear p.
19	29°44	28°70	41°2	41°0	33°5	45°5	3°0	1°2	200	231	77	90	NW	NW	—	—	—	Cold wind a. ☉ p.
20	28°73	°80	40°2	37°2	32°5	44°0	4°7	4°4	163	148	65	67	NW	NW	—	—	°35	☉ a. ☉ showers p.
21	°84	28°96	36°5	36°2	29°5	44°2	0°7	1°2	202	191	94	89	NW	NW	—	—	°40	Dull, with ☉ showers.
22	28°94	29°19	44°0	38°0	33°0	44°0	1°0	2°5	265	182	92	79	E	NE	—	—	°05	
23	29°26	°47	37°0	33°0	30°2	42°0	2°0	2°5	182	138	83	73	NE	NE	—	—	—	☉ showers p.
24	°35	°37	40°8	30°0	28°2	42°0	5°8	1°0	150	140	59	83	SE	N	—	—	—	Clear and frosty.
25	°46	°58	39°2	33°0	25°0	46°2	6°2	2°5	134	138	56	73	W	W	—	—	°02	Clear and frosty.
26	°65	°63	33°0	37°0	25°0	45°0	2°5	3°0	138	165	73	75	W	W	—	—	°03	
27	°54	°70	36°5	38°2	31°5	47°0	0°7	2°2	202	188	94	82	W	W	—	—	—	Dull, chilly, and clear.
28	°71	°49	37°5	42°0	27°2	46°0	2°5	4°8	177	177	79	67	SW	SW	—	—	°05	Cloudy and mild. ☉ showers p.
29	°40	°60	40°0	37°0	33°0	41°0	1°6	4°0	215	149	87	68	NW	NW	—	—	°04	Cloudy and mild. ☉ showers p.
30	°77	°76	37°2	39°0	29°0	46°0	4°2	4°2	148	161	67	69	NW	NW	—	—	°04	
31	29°42	29°39	45°5	38°0	32°5	51°2	2°5	1°8	248	194	82	85	W	NW	—	—	°03	☉ showers p.
Mean	29°556	29°580	41°1	39°9	33°2	47°0	2°2	2°5	216	200	82°9	80°3	—	—	—	—	—	2°41

BRAEMAR.—MARCH 1902.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches.
Long. 3° 24' W. Lat. 57° 0' N. Gravity Correction, +.030 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.				
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.						
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.										
1	ins.	ins.							in.	in.	%	%						ins.				
2	28.33	28.41	38.5	37.6	37.2	45.0	1.0	1.1	213	204	92	91	N	0.5	SW	0.5	10	10	0.04			
3	28.47	28.58	40.8	39.2	35.8	44.2	1.3	2.9	228	184	90	77	SW	0.5	SW	1	7	1	—	Fine day.		
4	28.57	28.50	38.1	43.8	30.2	44.2	1.4	1.0	202	264	88	92	SW	2	SW	0.5	8	9	0.12	Dull, with ☉ p.		
5	28.59	28.68	44.4	42.9	41.3	46.2	1.9	2.4	251	226	86	83	SW	2	SW	2	7	6	—	Fine day.		
6	28.63	28.72	42.8	40.7	39.3	48.0	2.3	2.2	227	210	83	83	SW	2	SW	1	7	8	0.05	Fine day.		
7	28.64	28.58	41.6	46.6	39.6	47.0	1.8	3.4	226	241	86	76	SW	0.5	SW	0.5	8	5	—	Fine day.		
8	28.69	28.70	41.6	38.9	38.0	48.8	2.8	1.4	207	210	80	90	NW	0.5	NW	0.5	6	4	—	Fine day.		
9	28.46	28.16	42.6	43.6	37.2	44.2	3.3	4.3	206	197	76	69	SW	2	W	1	7	8	0.07	Fine a. ☉ p.		
10	28.45	28.57	40.6	37.2	37.0	43.5	3.1	1.3	193	196	76	88	SW	2	SW	1	8	10	0.09	Fine a. ☉ p.		
11	28.64	28.77	40.0	40.6	33.9	50.7	2.2	1.8	203	216	82	86	SW	0.5	NE	2	5	4	—	Fine day.		
12	28.85	28.79	30.7	33.6	27.1	46.0	1.4	2.3	138	148	80	77	NE	0.5	SW	0.5	3	8	0.03	Fine day.		
13	28.69	28.55	38.4	36.9	32.3	41.9	0.9	2.7	214	170	93	78	S	0.5	SW	2	10	3	0.12	Fine a. ☉ showers p.		
14	28.41	28.53	37.9	39.7	33.7	45.6	1.4	3.5	201	179	89	72	SW	6	SW	4	10	4	0.03	Fine a. ☉ showers p.		
15	28.49	28.34	40.0	40.8	37.0	46.2	2.5	2.4	198	207	80	81	SW	6	SW	1	7	8	—	Fine a.		
16	28.35	28.62	39.4	39.3	33.7	45.0	3.2	2.6	181	191	75	80	W	2	NW	4	7	6	0.12	Fine a. ☉ showers p.		
17	28.83	28.84	39.6	43.4	36.0	51.2	4.1	2.5	168	228	70	80	SW	0.5	SW	0.5	2	9	—	Fine a. Dull p.		
18	28.75	28.68	48.6	48.4	41.8	55.0	2.7	2.2	278	286	81	84	SW	2	SW	1	8	8	—	Fine day.		
19	28.48	28.42	46.7	37.4	36.8	49.2	3.2	2.6	247	176	79	78	SW	4	SW	2	7	6	—	Fine day.		
20	28.36	28.72	37.6	45.9	34.4	47.1	3.3	7.8	105	162	73	52	SW	2	SW	8	8	10	0.32	Fine a. ☉ p.		
21	28.63	28.69	35.6	32.8	31.3	40.2	3.9	2.8	146	131	66	70	SW	6	W	2	4	7	0.01	☉ showers.		
22	28.70	28.79	34.2	34.3	29.6	37.1	1.6	2.5	160	150	83	76	SW	4	SW	4	7	7	0.12	☉ showers.		
23	28.10	28.96	33.6	34.0	31.0	39.9	0.6	0.8	181	180	93	91	W	2	N	2	10	10	0.29	☉ p.		
24	28.10	28.28	34.8	32.3	31.0	36.2	0.0	1.8	162	144	81	79	SW	2	NW	0.5	10	7	0.09	☉ F.		
25	28.13	28.10	23.6	27.8	18.3	38.2	1.1	1.3	090	114	72	75	NW	0.5	NW	0.5	1	3	0.16	Fair.		
26	28.33	28.45	30.6	29.6	22.2	39.9	2.1	1.7	121	120	71	73	W	0.5	W	0.5	0	0	0.05	Fair.		
27	28.46	28.50	30.8	28.9	24.2	39.1	1.3	0.9	140	132	81	84	SW	2	SE	0.5	0	0	0.05	Fair.		
28	28.40	28.49	32.6	32.8	25.6	41.4	1.1	2.1	162	143	87	77	SE	0.5	NW	0.5	8	1	—	Fair.		
29	28.58	28.50	30.2	38.6	22.4	42.1	0.0	1.7	142	201	84	86	SW	0.5	NW	2	7	8	0.05	Fair.		
30	28.26	28.54	29.6	33.0	32.4	40.1	0.8	2.7	143	135	86	72	SW	0.5	N	4	10	3	0.13	☉ (sleet).		
31	28.64	28.62	31.7	33.6	29.1	39.8	1.4	1.9	147	154	81	80	NW	1	N	0.5	4	8	0.03	Fine day.		
Mean	28.37	28.24	41.6	38.6	30.4	47.0	0.9	2.1	244	194	94	83	NW	2	SW	2	4	1	—	Fine day.		
Mean	28.421	28.430	37.4	37.8	32.6	44.2	2.0	2.3	187	184	81.9	79.5					1.9	1.7	6.5	5.9	1.92	

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 9 inches. Rain-gauge, 1 foot.
Long. $2^{\circ} 56' W.$ Lat. $56^{\circ} 28' N.$ Gravity Correction, $+030$ in.

Height above Mean Sea Level, 324 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 41' W. Lat. 55° 13' N. Gravity Correction, +.026 in.

SCARBOROUGH.—MARCH 1902.

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

Height above Mean Sea Level, 62 feet. Heights above Ground:—Bar., 65 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. $0^{\circ} 24' W.$ Lat. $54^{\circ} 18' N.$ Gravity Correction, $+0.025$ in.

Gravity Correction, + '025 in.																				
1	29'45	29'55	41'2	40'8	33'2	50'8	1'7	1'0	'223	'233	87	92	SW	3	S	3	3	4	—	Fine day.
2	'66	'75	39'0	43'5	34'0	51'8	1'5	1'3	'208	'253	87	89	SW	3	S	2	10	8	'06	Dull all day. ∇ 6.30p.
3	'80	'81	40'5	46'5	36'0	49'2	1'2	2'3	'226	'263	90	83	SW	3	SW	3	10	10	'01	Dull all day. ∇
4	'88	'89	42'0	45'0	34'0	54'5	2'5	1'0	'215	'231	80	92	SW	3	S	3	3	8	—	Fine and clear.
5	'94	'91	36'0	42'5	34'0	52'0	1'0	0'7	'192	'257	91	95	SW	3	SW	2	10	10	—	∇ a., then fine.
6	'87	'76	37'0	46'0	34'0	52'5	0'8	1'8	'204	'269	93	87	SW	2	SW	3	10	8	'02	∇ . Dull day.
7	'76	'82	44'5	41'2	40'5	50'5	0'5	1'2	'281	'232	96	90	NW	2	NW	2	10	10	'01	Very dull.
8	'67	'46	40'5	44'5	39'0	50'2	0'7	2'0	'237	'248	95	84	NW	3	NW	5	10	10	'06	∇ a. Dull day.
9	'51	'73	45'8	41'5	38'0	49'0	3'0	0'7	'240	'246	98	95	NW	5	W	3	8	10	'05	Dull all day.
10	'77	'82	41'0	47'5	40'0	51'0	0'5	0'5	'246	'316	96	96	SW	2	SW	2	10	4	'01	Dull day.
11	'88	'94	41'8	41'0	38'0	48'0	1'3	0'7	'237	'241	89	94	NE	3	NE	1	10	10	—	Overcast and gloomy.
12	'91	'51	40'0	44'5	38'0	46'2	0'7	1'0	'232	'270	94	92	S	2	S	2	10	10	—	∇ . Overcast and gloomy.
13	'82	'79	40'5	45'0	38'5	51'0	1'2	1'2	'226	'271	90	91	SW	4	SW	2	8	10	'02	Dull day.
14	'76	'50	44'5	47'0	36'5	53'5	1'2	1'2	'266	'294	90	91	SW	3	S	2	8	10	'86	∇ ga. Very dull.
15	'45	29'66	45'5	46'0	40'0	52'0	2'5	2'0	'248	'264	82	85	NW	5	NW	6	3	4	'01	Bright and clear.
16	'92	30'01	44'0	37'5	36'0	51'5	2'0	0'5	'243	'214	84	95	NNW	4	NE	1	4	6	—	Fine clear day. ∇
17	'97	29'95	40'0	48'0	33'0	62'0	1'0	2'0	'226	'286	92	85	W	3	W	5	6	4	—	Fine clear day. ∇
18	'82	'69	46'0	48'0	41'5	56'0	1'8	2'2	'269	'281	87	84	W	4	SW	3	10	8	—	∇ a. Dull day.
19	'69	29'33	43'0	45'0	40'5	51'0	2'0	3'0	'234	'233	84	78	W	3	SW	4	6	6	'11	Dull at times.
20	29'00	28'96	44'5	38'0	35'8	50'2	2'3	1'0	'241	'208	82	91	W	6	SW	6	4	3	—	Very fine day.
21	28'98	29'00	38'0	39'5	33'5	47'0	2'0	1'2	'199	'218	83	90	SW	4	SW	4	2	6	'08	Fine day.
22	29'03	'13	37'5	39'2	35'0	50'0	1'3	1'2	'199	'215	88	90	W	3	W	4	3	4	—	∇ ga.
23	'20	29'35	36'5	38'5	30'0	50'0	1'3	1'3	'189	'207	88	88	SW	3	W	3	8	8	—	Fine a. \bullet p.
24	'36	28'90	36'2	37'8	30'0	47'0	1'0	0'4	'193	'220	91	96	SW	3	SE	4	3	10	'30	Dull a. Clear p.
25	'22	29'58	39'0	36'5	35'0	42'5	0'5	1'5	'227	'186	95	86	N	6	W	3	10	4	'02	Fine a. \times^0 and \bullet p.
26	'67	'67	36'8	39'0	31'5	47'0	1'4	0'5	'190	'227	87	96	NE	4	W	6	3	8	'11	∇ ga. Dull day.
27	'51	'63	39'0	39'5	35'0	47'8	0'5	1'3	'227	'216	95	89	SW	3	NW	3	10	4	'04	∇ ga. Dull damp day.
28	'71	'73	42'0	45'0	35'5	48'5	0'5	1'0	'256	'275	96	92	S	1	SW	3	10	3	'08	Dull day.
29	'46	'55	47'2	39'0	35'5	55'5	1'2	1'2	'296	'214	91	90	SW	4	NNW	4	9	4	'02	Very fine.
30	'77	'77	40'8	38'0	31'5	47'0	3'0	1'5	'199	'76	87	87	NW	3	NW	3	4	4	'02	Dull day.
31	29'63	29'47	39'8	48'0	35'5	56'0	0'4	1'5	'237	'297	97	89	W	4	SW	2	8	8	'06	Dull day.
Mean	29'614	29'609	41'0	42'4	35'8	50'7	1'4	1'3	'229	'245	88'8	89'7	3'4		3'2	7'2	7'0	1'45		

NOTE.—The hygrometrical values for Scarborough are somewhat doubtful.

CRONKBORNE.—MARCH 1902.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29' W. Lat. 54° 10' N. Gravity Correction, +0.24 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.
							Dep. of Wet.		Vapour Pressure.									
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
	ins.	ins.	°	°	°	°	°	°	in.	%	%						ins.	
1	29.38	29.48	44.1	43.6	43.6	45.7	0.3	0.9	.282	.263	97	93	SSW 4	S 2	10	4	.063	Overcast all day. ● showers p.
2	.60	.73	45.0	43.8	43.2	51.8	0.3	0.7	.292	.269	98	95	W 2	Calm 0	9	10	.002	Fine and sunny.
3	.70	.71	44.8	45.2	42.7	46.7	0.5	0.6	.285	.287	96	96	SSW 3-4	SSW 3	10	4	.001	Overcast all day.
4	.80	.84	44.4	42.8	42.4	47.0	0.8	1.0	.274	.254	94	92	SW 3	SSW 3	10	2	—	Dull and overcast.
5	.90	.90	44.2	41.8	41.6	46.0	1.4	0.4	.259	.256	89	97	SW 2	NW 1	9	10	—	Dull and cloudy.
6	.87	.80	42.1	46.8	40.5	50.0	0.5	2.1	.257	.270	96	85	W 2	NW 2	10	10	.015	☁ a. Dull and overcast.
7	.82	.81	47.1	47.0	45.5	53.0	0.2	0.7	.320	.306	98	95	NW 1	W 2	10	10	.020	☁ a. ● ⁰ p.
8	.71	.49	45.7	48.0	41.7	48.0	1.2	1.2	.280	.304	92	92	W 3	WNW 5	10	10	.282	Overcast, with ● all day.
9	.67	.72	45.6	48.2	43.5	48.7	2.2	1.4	.257	.302	84	91	NW 4	NW 2	8	10	.050	● showers p.
10	.80	.85	45.8	43.4	43.4	50.8	1.5	0.7	.274	.266	89	95	NNW 3	NW 1	8	10	.005	Fine a. Cloudy p.
11	.86	.92	42.1	44.5	39.0	46.0	0.4	1.3	.259	.264	97	90	SE 1	Calm 0	10	10	.072	☁ a. ● showers n.
12	.77	.77	44.2	40.6	38.4	47.0	0.5	0.6	.279	.240	97	95	SSW 3	Calm 0	10	6	.050	☁ ⁰ (mist) a. ▲ 5p.
13	.67	.74	45.6	42.8	35.8	48.7	0.6	0.8	.292	.257	96	94	WSW 5	WSW 2	10	2	.003	☁ showers a. ☁ 9p.
14	.70	.48	42.3	42.8	38.0	45.0	0.3	1.0	.263	.254	98	92	N 1	WNW 1	10	10	.003	☁ ⁰ (mist) a. Dull day.
15	.65	29.86	44.7	44.6	40.0	50.3	2.7	1.8	.236	.254	80	86	NW 5	WNW 3	4	8	.002	▲ 11a.
16	.97	30.01	46.4	45.4	41.4	53.0	2.4	0.4	.260	.294	83	97	W 1	Calm 0	7	10	.043	Cloudy day. ● ⁰ n.
17	.99	29.90	50.2	48.0	45.4	53.7	1.2	1.8	.332	.290	92	87	W 3	WSW 1	9	10	—	Cloudy day.
18	.73	.70	46.4	43.0	42.0	48.6	0.8	0.9	.296	.257	94	93	WSW 5	WNW 3	9	10	.062	☁ a. Dull day. ☁ 1p.
19	.66	29.20	43.7	45.4	38.9	47.7	1.9	1.1	.244	.278	85	92	W 4	WSW 6-7	4	10	.149	Fine till 2p. Squally ☁ n.
20	29.00	28.94	43.0	39.2	37.2	45.4	2.8	1.7	.219	.207	79	86	W 5	W 4	7	4	.070	▲ showers p.
21	28.97	28.97	40.6	39.9	36.4	44.5	2.6	1.8	.201	.210	80	86	WSW 5	NNW 4	4	6	.015	Fine a. ● showers p.
22	29.04	29.10	40.2	40.2	35.7	45.0	2.4	1.9	.201	.211	81	85	WNW 3	W 3	4	6	.036	Fine and sunny.
23	.22	29.39	44.0	38.3	37.1	47.0	2.3	2.3	.238	.187	82	81	NNW 4	NNW 3	3	3	—	Fine and sunny.
24	.18	28.95	39.7	37.8	29.2	40.7	2.2	1.1	.202	.206	82	91	SSE 5	NNE 6	10	10	.260	☁ ² a. Overcast, with ☁.
25	.48	29.64	41.6	39.0	34.9	46.4	4.2	1.9	.183	.201	71	85	NNW 5	WSW 2	7	9	—	Very fine and sunny.
26	.72	.55	41.8	39.8	38.3	43.5	2.8	0.4	.209	.237	79	97	W 4-5	S 2	7	10	.329	Dull a. ● from 4p.
27	.48	.63	49.0	46.8	39.0	49.0	1.8	0.8	.303	.301	87	94	W 5	NW 3	8	8	.158	☁ showers a.
28	.73	.80	47.8	41.3	40.8	52.0	1.4	0.5	.298	.250	90	96	W 3	Calm 0	10	3	.074	Cloudy day.
29	.42	.73	47.2	40.4	39.0	54.7	0.4	1.2	.315	.286	98	91	WSW 5	NNW 2	10	2	—	Squally ☁ (gale) a. Fine p.
30	.77	.73	43.2	39.8	38.7	47.0	2.8	0.1	.221	.242	79	100	NW 1	SSE 2	8	10	.030	Dull day. ● n.
31	29.64	29.47	49.0	46.2	39.4	52.0	2.3	0.2	.291	.208	84	99	W 4	WNW 2	7	10	.200	Dull, with ● showers.
Mean	29.607	29.606	44.6	43.1	39.8	48.2	1.5	1.1	.262	.256	88.6	91.9	3.4	2.3	8.1	7.6	1.994	

STONYHURST.—MARCH 1902.

Height above Mean Sea Level, 375 feet. Heights above Ground:—Bar., 12 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 2° 28' W. Lat. 53° 51' N. Gravity Correction, +0.23 in.

1	29.22	29.32	42.0	44.3	38.8	51.1	1.0	0.8	2.45	2.73	92	94	SE by E 1	Calm 0	9	10	0.030	Sunny a. ☁ p.
2	29.43	29.54	43.0	39.4	39.4	48.7	0.7	0.4	2.62	2.33	94	97	SSW 1	Calm 0	8	0	—	Bright intervals.
3	29.56	29.57	39.3	43.0	34.5	48.7	0.3	1.0	2.34	2.55	98	92	Calm 0	SSW 1	10	0	—	☁ (mist) all day.
4	29.64	29.66	42.0	41.5	40.8	48.9	1.0	1.2	2.45	2.37	92	90	SSE 1	SSE 1	10	0	—	☁ (mist).
5	29.70	29.69	33.5	36.0	31.0	49.2	0.5	0.2	1.82	2.08	94	98	Calm 0	Calm 0	7	0	—	☁ a and p.
6	29.65	29.58	33.4	40.9	30.2	46.5	0.2	0.1	1.87	2.54	98	99	Calm 0	W by S 1	10	10	0.020	☁ all morning.
7	29.55	29.60	45.0	42.3	40.5	49.3	0.2	0.1	2.94	2.67	98	100	W by N 1	Calm 0	10	10	0.050	☁ (mist) a. ☁ sp.
8	29.49	29.47	42.0	44.3	41.8	45.2	1.0	0.3	2.45	2.84	92	98	WSW 3	W by S 1	10	10	0.295	☁ showers. ☁ (gale) midnight.
9	29.42	29.49	42.0	42.9	42.0	47.2	2.0	0.1	2.44	2.74	84	93	W 3	W by S 1	9	10	0.105	☁ showers. Bright intervals.
10	29.55	29.62	45.4	42.0	42.0	49.2	0.1	2.0	3.02	2.25	99	85	W by S 1	W by N 1	10	10	—	☁ (mist) a. Fair p.
11	29.64	29.65	43.0	42.3	39.8	47.7	1.5	1.3	2.45	2.42	88	90	N 2	ENE 1	5	10	—	Dull and threatening.
12	29.60	29.57	40.6	44.0	39.9	47.2	0.4	2.0	2.44	2.44	97	84	N by E 1	SW 1	10	10	0.020	☁ (mist) a. Very dull.
13	29.55	29.55	43.0	41.0	38.8	49.3	1.3	0.5	2.49	2.46	90	96	SE by S 3	Calm 0	10	0	0.398	☁ (mist) a. ☁ 4 p.
14	29.49	29.23	46.0	43.0	38.8	49.3	1.0	2.3	2.87	2.28	93	82	S 2	W by S 1	10	9	0.005	Bright intervals.
15	29.36	29.58	43.0	43.0	40.0	46.9	2.0	2.4	2.34	2.26	84	82	W by S 6	W 3	10	10	—	Bright intervals.
16	29.74	29.81	45.0	43.0	38.5	49.7	4.0	1.6	2.14	2.42	72	87	SW 1	Calm 0	5	9	0.040	Bright and sunny. ☁ p.
17	29.79	29.74	46.0	42.5	42.3	51.1	0.7	1.0	2.94	2.50	95	92	WSW 1	WSW 1	10	0	—	Bright intervals.
18	29.56	29.47	47.3	45.2	42.5	50.7	3.3	1.0	2.50	2.78	77	93	SSW 3	WSW 4	10	10	0.035	Bright intervals a. ☁ p.
19	29.46	29.07	42.6	43.8	39.2	46.7	1.2	2.8	2.47	2.25	90	78	SW 3	SSW 5	9	10	0.060	Bright intervals.
20	28.79	28.76	44.7	39.0	37.1	45.2	3.4	2.5	2.23	1.90	75	81	SW 5	SW 3	9	8	0.340	☁ (gale) 2 p. ☁ 2 showers p.
21	29.73	29.72	37.0	39.5	34.0	43.0	1.0	1.5	2.00	2.12	91	88	SW 2	S by W 1	10	10	0.495	☁ a. ☁ showers a. Bright p.
22	28.82	28.90	38.0	34.2	33.4	44.1	2.0	1.4	1.90	1.70	83	85	WSW 2	WSW 1	9	2	0.130	☁ a. Bright intervals.
23	28.98	29.14	37.5	36.0	31.3	45.0	1.0	0.7	2.05	1.99	92	94	SW 1	Calm 0	5	7	—	☁ a. Fine and sunny p.
24	29.05	28.59	38.4	35.7	30.8	40.2	2.1	0.7	1.91	1.96	83	94	SE by S 2	N 1	9	10	0.420	☁ showers a. ☁ p.
25	29.16	29.40	38.0	35.4	35.2	42.7	3.0	0.9	1.73	1.90	75	92	NNW 3	WSW 1	3	5	0.090	Bright and sunny.
26	29.49	29.39	40.0	36.5	35.4	41.9	3.0	0.6	1.89	2.04	76	95	W by S 4	Calm 0	9	10	0.290	☁ then ☁. ☁ p.
27	29.25	29.42	45.0	42.7	36.5	49.2	0.2	0.8	2.94	2.57	98	93	WSW 4	WSW 1	10	10	0.140	☁ a and p.
28	29.48	29.57	45.0	40.0	40.0	49.3	0.2	1.1	2.94	2.24	98	91	WSW 2	WSW 1	10	10	0.150	☁ showers a.
29	29.22	29.43	44.0	39.0	39.0	49.9	0.2	1.6	2.83	2.07	98	87	SW 3	W 1	10	0	0.025	Squally a. ☁ a and p.
30	29.53	29.52	39.6	41.0	32.5	45.7	1.6	3.2	2.11	1.94	87	76	Calm 0	Calm 0	6	10	0.045	Bright intervals a.
31	29.43	29.25	46.2	46.3	37.8	50.2	1.0	0.1	2.90	2.12	93	99	WSW 4	SW 1	10	10	0.620	Bright and very cold.
Mean	29.397	29.390	41.9	41.0	37.5	47.4	1.3	1.2	2.40	2.34	89.5	90.7	2.2	1.2	8.8	7.1	3.733	

HILLINGTON.—MARCH 1902.

Height above Mean Sea Level, 88 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 3 feet 6 inches.
Long. 0° 33' E. Lat. 52° 48' N. Gravity Correction, +0.21 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.		
							Dep. of Wet.		Vapour Pressure.								Percentage.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		9 p.m.	
	ins.	ins.							in.	in.	%	%						
1	29° 52	29° 66	39° 1	42° 0	35° 0	53° 4	0° 4	0° 1	231	265	96	99	W	1	Calm	0	ins.	
2	76	86	44° 0	40° 1	37° 8	51° 0	1° 1	0° 4	263	239	91	97	Calm	0	Calm	0	☁. Overcast, then finer.	
3	92	29° 91	41° 6	39° 9	37° 0	51° 8	0° 1	0° 4	261	238	99	97	Calm	0	SW	1	☁. Cloudy and mild. ☀ n.	
4	98	30° 02	38° 0	37° 2	34° 4	42° 5	0° 4	0° 2	261	218	96	98	S	1	S	1	☁. Dull a. Sunny p. ☀ n.	
5	97	29° 91	29° 9	34° 9	27° 6	50° 6	0° 0	0° 3	166	196	100	96	Calm	0	Calm	0	☁. Chilly, with ☀ n.	
6	88	86	35° 0	40° 0	28° 0	52° 5	0° 3	0° 1	197	245	96	99	Calm	0	Calm	0	☁. Cloudy a. Fine p. ☀ n. [☀ n.	
7	78	89	41° 5	39° 2	34° 8	50° 4	0° 6	0° 5	249	231	95	96	W	1	S	1	☁. ☁. Fine and sunny, then cloudy.	
8	72	56	40° 1	46° 0	37° 5	48° 9	0° 1	1° 1	246	285	99	91	SW	1	NW	4	☁. Sunless all day. ☀ n.	
9	66	85	45° 0	40° 0	40° 0	52° 4	1° 8	0° 0	258	247	86	100	NW	4	NW	2	☁. ☁. Sunless all day. ☀ n.	
10	91	91	40° 2	42° 0	38° 6	47° 4	0° 5	0° 8	238	249	96	94	E	2	W	2	☁. ☁. Fine and sunny.	
11	92	95	43° 6	40° 1	37° 5	54° 5	0° 8	0° 4	266	239	94	97	S	2	SE	3	☁. ☁. Sunless all day.	
12	91	96	42° 0	42° 6	39° 8	50° 3	0° 7	0° 5	251	262	94	96	S	1	S	1	☁. ☁. Very fine and mild.	
13	92	86	43° 0	45° 0	36° 5	56° 6	0° 2	1° 1	273	273	98	91	SE	1	S	1	☁. ☁. Sunless, but mild. ☀ n.	
14	81	57	43° 1	47° 2	36° 9	54° 5	1° 0	0° 1	256	323	92	99	S	2	S	2	☁. ☁. Dull at first, then finer. ☁	
15	52	29° 76	44° 0	43° 0	40° 2	50° 6	1° 5	1° 2	254	251	87	90	N	5	NW	5	☁. ☁. ☁. Cloudy day. ☀ n.	
16	29° 96	30° 11	42° 5	39° 0	38° 2	51° 4	1° 2	0° 8	246	221	90	93	NW	4	Calm	0	☁. ☁. ☁. Very fine.	
17	30° 11	30° 06	44° 0	45° 2	30° 6	57° 9	0° 5	0° 9	276	280	96	93	S	2	W	2	☁. ☁. ☁. Very fine. Clear evening.	
18	29° 98	29° 88	45° 5	46° 2	39° 5	54° 5	1° 2	1° 5	277	277	91	88	W	3	SW	3	☁. ☁. ☁. Cloudy, with sunshine.	
19	78	51	44° 0	43° 0	42° 5	53° 4	0° 8	0° 1	270	275	94	99	W	2	W	4	☁. ☁. ☁. Cloudy, with sunshine.	
20	11	13	47° 0	39° 5	39° 5	53° 0	1° 5	1° 6	286	210	88	87	SW	6	W	4	☁. ☁. ☁. Overcast, then sunny.	
21	17	07	40° 8	35° 1	33° 0	49° 4	2° 5	0° 4	205	196	80	96	SW	3	SW	2	☁. ☁. ☁. Very fine. ☀ T in afternoon.	
22	08	26	39° 5	34° 9	32° 4	50° 3	1° 7	0° 1	200	200	86	98	SW	3	Calm	0	☁. ☁. ☁. Very fine. ☀ T	
23	34	29° 43	39° 0	35° 7	27° 5	51° 6	1° 1	1° 0	216	189	90	90	SW	2	N	1	☁. ☁. ☁. Cloudy day.	
24	46	28° 98	40° 6	38° 6	26° 8	49° 4	1° 4	0° 4	224	226	88	96	S	2	SW	5	☁. ☁. ☁. Beautiful day.	
25	22	29° 66	34° 4	35° 9	35° 9	44° 5	0° 9	1° 7	181	178	90	85	NW	6	NW	2	☁. ☁. ☁. Fine a. ☀ p.	
26	82	78	39° 0	39° 2	31° 5	47° 6	2° 0	1° 1	199	218	83	90	W	2	W	3	☁. ☁. ☁. Cloudy and colder.	
27	57	78	41° 0	43° 0	38° 0	54° 3	1° 4	0° 8	227	259	88	94	W	3	SW	2	☁. ☁. ☁. Sun and cloud. ☀ n.	
28	77	76	48° 0	44° 2	40° 5	55° 8	1° 8	0° 9	290	269	87	93	SW	2	SW	2	☁. ☁. ☁. ☀ early and n. Cloudy day.	
29	63	66	49° 0	38° 6	38° 6	55° 5	0° 7	1° 5	329	204	95	87	SW	3	Calm	0	☁. ☁. ☁. Cloudy day.	
30	87	80	41° 0	38° 8	35° 0	54° 9	2° 5	1° 5	207	206	80	87	NW	3	NE	3	☁. ☁. ☁. Very fine and sunny.	
31	29° 73	29° 61	48° 2	42° 6	37° 6	58° 4	0° 6	1° 9	322	232	95	85	NW	2	Calm	0	☁. ☁. ☁. Sun and cloud.	
Mean	29° 702	29° 709	41° 7	40° 6	35° 8	51° 9	1° 0	0° 8	245	239	91° 6	93° 6	2° 2		1° 8	8° 2	5° 9	1° 29

CAMBRIDGE.—MARCH 1902.

Height above Mean Sea Level, 83 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, $9\frac{1}{2}$ inches.
Long. $0^{\circ} 6' E$. Lat. $52^{\circ} 13' N$. Gravity Correction, +.019 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.	
							Dep. of Wet.		Vapour Pressure.		Percentage.								
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.		
1	29.55	29.66	37.3	43.7	32.8	52.9	0.2	0.6	.217	.270	97	94	S	1	S	1	10	0	ins. — 2 till 2 p.
2	.78	.88	41.3	42.0	36.1	51.6	0.3	0.4	.253	.258	98	97	SE	1	SW	1	7	10	.019 ● showers nearly all day. 2 till 2 p.
3	29.95	29.96	42.9	39.2	36.1	53.2	0.3	0.7	.269	.226	98	94	S	2	SW	1	10	0	— Fine day.
4	30.01	30.02	39.1	37.6	34.0	46.0	0.2	0.3	.235	.218	98	98	SSW	1	S	1	10	10	— n.
5	30.04	30.01	31.3	37.2	29.2	53.6	0.1	0.9	.174	.204	99	92	Calm	0	S	1	10	0	— till 11 a.
6	29.96	29.87	35.1	43.4	26.7	58.5	2.2	2.2	.161	.234	79	83	Calm	0	S	1	10	0	— a. Fine and sunny.
7	.84	.90	46.4	41.2	37.2	53.4	1.4	0.6	.282	.246	90	96	W	2	N	2	0	10	.006 ● early a. and n.
8	.80	.66	45.3	48.0	38.7	53.1	0.3	2.8	.295	.267	98	80	SW	3	W	5	10	10	.016 ● n.
9	.63	.82	48.0	44.2	43.0	56.8	3.9	2.3	.245	.240	74	82	NW	6	N	1	7	10	.019 Gloomy, with (mist).
10	.88	.92	41.3	44.2	39.2	47.4	0.2	0.7	.254	.275	98	95	SE	1	S	2	10	10	.002
11	.94	.96	44.7	43.2	40.6	54.3	0.7	0.5	.279	.268	94	96	NNW	1	Calm	0	10	10	—
12	.98	.95	44.4	45.4	39.6	52.6	0.7	1.3	.276	.273	95	91	SSE	1	S	1	10	10	—
13	.98	.95	44.0	43.0	33.1	58.4	1.6	1.6	.252	.242	87	87	S	1	S	1	10	10	—
14	.91	.53	46.8	47.7	36.3	56.1	1.5	0.6	.284	.314	89	95	S	3	SW	4	5	10	.299 p a. (gale) n.
15	29.66	29.89	45.3	42.9	40.8	54.1	3.1	2.8	.235	.218	77	80	WNW	5	WSW	2	5	7	— Fine and sunny.
16	30.03	30.13	46.0	40.0	37.6	56.3	2.8	1.2	.248	.222	80	90	NNW	3	N	1	0	0	— a. Clear and sunny.
17	30.13	30.09	49.4	45.6	33.0	61.0	1.0	1.3	.327	.276	93	90	SW	1	W	1	10	0	—
18	29.99	29.91	48.0	46.6	39.7	51.0	4.0	2.9	.243	.252	73	80	SW	3	SW	3	10	10	—
19	.83	.57	48.7	41.4	40.2	55.0	4.4	3.6	.243	.192	71	74	SW	4	SW	5	10	5	— Fine and sunny. (gale) n.
20	.23	.18	48.8	40.3	39.3	53.3	2.8	2.0	.278	.210	80	84	SW	7	SW	7	10	0	.118 (gale) all day, 0.00. noon.
21	.17	.16	44.0	38.2	32.3	52.4	3.0	1.9	.224	.193	77	84	SW	6	SW	4	0	0	— a. Clear and sunny.
22	.18	.28	41.2	34.2	31.4	51.0	2.0	1.0	.217	.178	85	89	SW	6	SW	1	10	0	— a.
23	.35	29.45	39.1	39.4	27.0	53.3	2.8	2.0	.185	.203	78	84	S	1	NW	2	0	2	— a. Clear and sunny.
24	.48	28.97	42.5	42.0	28.1	50.7	3.2	0.7	.207	.252	76	94	S	3	S	5	2	10	.190 a. Sunny, then squally (gale).
25	.33	29.72	41.3	36.6	35.4	49.3	2.7	2.8	.206	.167	79	76	NW	7	NW	2	10	0	— (gale). [showers.]
26	.85	.80	42.8	40.2	30.4	51.0	3.5	0.5	.204	.239	74	96	W	4	SW	2	0	10	.122 Sunny till 1 p. ● 6 p. midt.
27	.61	.74	51.1	48.9	37.3	58.0	1.0	3.2	.350	.271	93	79	W	3	SW	3	10	10	—
28	.80	.87	50.3	45.0	42.3	58.1	2.3	2.1	.306	.251	84	84	WSW	2	W	2	2	0	—
29	.63	.69	45.9	40.8	38.8	55.4	1.9	1.8	.266	.217	87	86	SW	4	SW	4	10	2	.003
30	.88	.84	40.1	40.9	31.0	50.0	2.2	1.2	.204	.231	82	91	NW	1	NW	1	10	0	.010
31	29.76	29.64	51.5	51.8	39.1	60.9	1.3	2.1	.346	.331	90	86	W	3	SW	3	10	10	—
Mean	29.747	29.742	44.0	42.4	35.7	53.8	1.9	1.6	.250	.240	86.2	88.0	2.8	2.3	7.4	5.7	0.804		

ST. DAVID'S, PEMBROKE.—MARCH 1902.

Height above Mean Sea Level, 215 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. $5^{\circ} 16' W$. Lat. $51^{\circ} 53' N$. Gravity Correction, +.018 in.

1	25°30	29°44	43°8	43°9	42°0	47°3	0°8	1°2	267	260	94	91	SE	3	SE	3	10	8	410	☁ (mist) a. ☀ 2 noon-3p.	
2	58	70	45°7	43°5	43°2	47°4	0°5	0°0	295	283	96	100	SSW	1	SSW	1	10	10	005	a. and p.	
3	70	72	46°0	45°0	42°6	48°7	0°5	0°0	299	299	97	100	SSE	3	SW	4	10	7	—	☁ (mist) till 11a.	
4	69	78	43°7	41°5	41°1	47°1	0°9	1°5	265	230	92	88	SSE	5	SE	4	9	1	—	Sunny intervals.	
5	83	82	38°6	39°5	37°2	49°8	0°1	1°2	232	218	99	90	ESE	3	SE	2	10	0	—	☁ till 10a.	
6	81	77	41°5	34°5	34°0	48°1	1°2	0°2	237	196	90	98	NE	2	NNE	1	4	10	—	Bright and sunny. ☁ from 4p.	
7	74	80	41°5	45°9	33°2	49°6	0°0	0°2	262	304	100	99	NNE	1	NW	1	10	10	001	☁ (mist) a. ☀ 8p.	
8	77	67	44°5	46°0	40°2	49°3	1°2	0°5	266	299	90	97	NW	3	WNW	4	10	3	004	☁ (mist) a. ☀ Sunny intervals.	
9	71	76	48°1	46°0	45°9	51°9	0°6	1°5	321	276	96	90	WNW	4	NW	3	10	3	030	☁ (mist) a. ☀ Sunny intervals.	
10	77	78	47°6	46°9	45°0	53°1	0°3	0°4	323	312	98	98	WNW	2	Calm	0	10	10	060	a.	
11	76	74	47°0	45°5	45°1	48°6	0°0	0°2	323	301	100	98	Calm	0	SE	1	10	10	072	☁ a.	
12	73	75	45°5	43°5	43°1	50°1	0°0	0°0	305	283	100	100	SE	3	SW	4	10	0	020	☀ 4a.-8a. ☀ Sunny from 2p.	
13	70	69	46°0	46°1	43°2	48°1	0°5	0°0	299	312	97	100	SSE	5	SW	4	10	10	115	☀ a. and p.	
14	66	46	45°5	44°0	41°2	48°4	0°0	1°0	305	265	100	92	SSE	2	NW	4	6	10	460	☀ till 4a. and 2p.-8p.	
15	74	29°88	45°1	46°0	41°3	50°0	2°2	0°7	250	294	83	95	NW	5	WNW	3	5	10	030	Sunny day.	
16	29°94	30°01	46°5	46°0	44°8	49°6	0°0	0°2	317	306	100	99	SW	1	Calm	0	10	4	012	☀ till 5p.	
17	30°02	29°96	48°0	46°0	45°2	51°8	0°5	0°9	322	289	97	94	W	2	SW	4	10	9	001	Sunny noon-4p.	
18	29°79	70	46°5	44°6	44°2	49°3	2°0	0°0	270	295	86	100	SSW	5	SSW	6	10	10	050	Sunny 11a.-2p.	
19	72	43	44°5	45°5	39°5	49°9	2°0	1°5	249	270	85	77	NW	2	SW	7	1	10	075	Fine and sunny. Squally p.	
20	29°13	29°06	45°1	41°7	41°2	47°0	2°6	3°1	242	203	81	77	WSW	6	W	7	9	5	010	Squally ☀ showers. [10p.	
21	28°98	28°93	42°7	46°7	40°0	48°4	3°2	0°7	209	302	77	95	W	6	W	5	6	8	170	Sunny and breezy. ☀ 6p.-8p.	
22	29°08	29°08	40°5	40°5	37°1	46°7	4°0	1°4	177	222	70	89	WNW	4	NW	3	4	9	050	Sunny day. ☀ showers p.	
23	23	39	42°8	40°5	38°8	47°4	2°3	3°0	226	193	83	77	NW	5	NW	4	5	2	020	Sunny day.	
24	11	98	40°3	41°5	35°8	49°8	0°9	2°2	231	217	93	83	SSW	7	NW	8	10	10	172	Squally ☀. < n.	
25	49	68	41°5	42°0	38°0	47°2	2°7	3°5	207	199	80	75	NW	5	WNW	4	8	0	004	Bright and sunny.	
26	79	47	44°1	42°5	40°4	48°3	2°9	0°0	227	272	77	100	W	5	WSW	6	10	10	630	☀ showers p.	
27	59	67	42°7	47°2	41°1	53°4	0°0	1°4	274	291	100	91	W	4	NW	3	9	0	004	a.	
28	75	79	48°1	45°0	44°0	53°2	1°9	0°5	289	287	86	96	WNW	3	WSW	4	10	4	260	Sunny intervals.	
29	49	59	47°5	43°5	43°4	50°8	0°0	0°3	329	276	100	98	WSW	4	WNW	4	10	5	298	☀ a.	
30	68	71	46°5	47°7	39°2	48°0	0°0	0°2	317	326	100	99	ESE	2	NW	3	10	9	020	☀ a.	
31	29°70	29°57	48°5	46°5	46°1	51°6	1°0	0°0	316	317	93	100	W	4	WSW	6	10	10	004	☀ p.	
Mean	29°612	29°637	44°7	44°0	41°2	49°4	1°1	0°9	273	271	91°6	93°5	3°5	3°6	8°6	6°9	2°987				

WOOLACOMBE.—MARCH 1902.

Height above Mean Sea Level, 59 feet. Heights above Ground:—Bar., 20 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. $4^{\circ} 12' W$. Lat. $51^{\circ} 10' N$. Gravity Correction, +.016 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.				
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.								
1	ins.	ins.							in.	in.	%	%					ins.			
2	29.50	29.64	45.7	46.5	41.0	54.2	1.1	2.1	281	267	91	84	SE	4	E	4	6	3	05	
3	79	90	48.7	45.9	44.8	50.0	1.9	1.3	297	278	86	90	S	3	SE	2	6	9	—	
4	92	91	47.5	46.3	44.0	53.4	1.5	1.1	293	288	89	91	S	4	SE	2	5	4	—	
5	92	95	43.5	41.3	41.0	46.6	1.5	0.5	249	249	88	96	E	5	E	2	5	2	—	
6	98	99	43.3	40.7	37.0	55.2	1.9	1.3	239	227	85	89	Calm	0	E	1	0	0	—	
7	95	90	43.9	42.9	37.0	55.0	1.7	2.1	249	231	86	83	Calm	0	NE	1	1	1	—	
8	92	96	43.3	45.7	36.2	51.2	1.7	1.1	243	280	87	91	Calm	0	NW	3	3	1	—	
9	95	87	45.1	46.1	43.6	47.2	0.4	0.9	279	289	93	93	SW	3	SW	4	7	10	—	
10	88	93	47.5	46.7	45.6	48.2	1.1	0.9	302	296	92	93	W	3	Calm	0	9	9	—	
11	94	96	47.7	46.7	45.2	49.4	0.9	0.9	309	296	93	93	SW	1	W	1	10	10	03	
12	94	90	48.5	43.9	43.0	51.2	1.2	1.1	311	262	91	91	SE	1	E	4	9	2	02	
13	92	97	46.1	43.9	43.0	50.4	1.1	1.1	286	262	92	91	SE	3	E	1	9	0	—	
14	94	92	42.5	47.7	38.6	52.0	1.1	1.3	248	299	91	90	SE	4	SE	4	6	3	04	
15	84	29.64	47.5	43.9	43.2	51.4	1.5	0.9	293	266	88	93	S	3	NW	5	7	10	42	
16	29.93	30.07	45.9	45.9	43.0	49.4	1.7	0.9	270	288	88	93	W	4	W	3	2	4	—	
17	30.12	19	47.7	47.7	44.8	51.2	0.9	0.8	309	311	93	94	SW	2	Calm	0	10	10	03	
18	22	30.80	47.7	46.7	46.2	49.6	0.9	0.9	309	297	93	93	SW	2	SW	2	9	10	—	
19	30.01	29.90	47.3	46.7	46.0	49.8	3.5	2.9	246	253	76	79	SW	4	S	2	10	10	03	
20	29.90	67	45.3	45.9	44.0	50.0	1.7	1.9	263	266	87	86	NW	3	SW	5	5	8	11	
21	36	27	45.9	42.7	42.6	48.4	0.9	2.7	288	218	93	79	SW	4	SW	5	8	5	07	
22	20	14	44.3	42.5	40.0	48.0	2.9	2.7	229	216	79	79	SW	5	SW	4	5	6	12	
23	26	27	41.3	39.5	38.8	47.6	3.1	1.7	198	208	76	86	W	4	W	3	8	9	07	
24	41	56	44.7	43.1	37.0	47.0	2.5	2.1	240	233	82	83	W	5	W	3	4	1	—	
25	40	19	41.7	45.1	36.4	49.6	2.5	3.1	213	232	80	77	SE	4	W	8	10	10	14	
26	68	87	42.7	42.9	40.8	46.4	2.9	3.5	214	205	78	74	NW	4	W	4	4	1	—	
27	97	71	45.5	47.3	40.8	48.4	2.7	0.5	244	312	80	96	SW	4	SW	5	8	10	72	
28	79	86	47.7	48.1	46.0	49.6	0.8	1.7	311	295	94	87	SW	3	SE	1	10	6	01	
29	88	97	48.1	45.9	45.0	51.4	1.2	0.5	306	298	91	96	W	1	S	2	8	5	22	
30	70	86	48.3	47.1	45.2	49.4	0.8	0.5	319	311	94	96	SW	4	W	2	10	10	27	
31	84	90	44.7	47.3	42.6	49.4	0.9	0.5	275	313	93	96	SE	3	S	1	10	10	03	
31	29.90	29.71	47.7	47.7	42.0	49.8	0.8	0.8	311	311	94	94	SW	4	SW	4	9	9	02	
Mean	29.805	29.798	45.7	45.2	42.1	50.0	1.6	1.4	272	270	87.8	88.9		3.0		2.8	6.9	6.1	2.40	

PLYMOUTH.—MARCH 1902.

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 0 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 4° 8' W. Lat. 50° 22' N. Gravity Correction, +.015 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.			9 a.m.	9 p.m.
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
	ins.	ins.							in.	in.	%	%					ins.	
1	29.41	29.56	47.6	45.9	42.6	55.7	1.9	1.3	.314	.280	87	92	ESE 3	E 5	6	9	.01	Fine and sunny all day.
2	.72	.85	47.8	43.9	44.7	52.9	0.8	0.1	.382	.285	94	99	WSW 3	S 4	8	0	—	Fine and sunny.
3	.88	.88	47.1	44.6	43.9	51.0	0.4	0.3	.315	.287	97	97	S 5	SSE 4	9	10	—	Fine and sunny.
4	.87	.87	43.2	41.8	41.8	48.0	0.3	0.6	.273	.251	97	96	SE 4	E 5	10	8	—	Fine and sunny.
5	.88	.90	42.6	42.5	39.4	50.0	1.7	4.1	.237	.192	87	71	E 4	Calm 0	0	0	—	Fine and sunny all day.
6	.88	.86	39.4	40.3	32.7	55.5	2.2	0.4	.199	.242	83	97	NE 1	S 2	4	0	—	Fine and sunny all day.
7	.82	.91	41.9	47.0	35.1	52.7	2.9	1.1	.208	.296	79	92	Calm 0	N 5	4	6	—	Fine and sunny all day.
8	.91	.84	47.6	48.2	44.5	50.1	2.0	0.1	.282	.333	86	99	NW 4	WNW 2	9	6	—	Fine, but overcast.
9	.83	.88	49.9	49.2	48.2	54.9	0.1	1.3	.356	.318	100	91	NW 3	Calm 0	10	10	—	Fine, but overcast.
10	.89	.90	47.7	47.6	46.2	51.2	1.0	0.5	.307	.316	93	96	NW 3	NNE 2	10	10	—	Fine, but overcast.
11	.88	.87	47.8	44.4	44.4	51.7	1.0	0.2	.308	.288	93	99	Calm 0	Calm 0	10	10	.11	Overcast all day. ☁ ² p.
12	.87	.93	45.7	42.9	42.9	49.7	0.0	0.0	.307	.276	100	100	SE 1	Calm 0	10	10	.03	Overcast and damp. ☁ ² n.
13	.92	.92	43.4	45.0	39.7	49.9	0.0	0.1	.281	.297	100	99	Calm 0	SW 4	9	10	.09	Sunny intervals.
14	.83	29.57	45.5	45.6	45.0	47.9	0.1	1.6	.303	.269	99	88	Calm 0	NW 6	10	10	.34	Overcast and squally, with steady
15	29.89	30.04	47.9	46.6	44.9	52.2	4.3	1.5	.237	.282	72	90	NNW 5	W 3	4	9	.03	Fine and sunny.
16	30.06	.14	47.4	49.7	45.6	50.7	0.2	0.1	.322	.354	98	99	Calm 0	Calm 0	10	10	.01	☁ nearly all day.
17	.17	30.14	49.4	47.9	47.7	53.2	1.3	0.7	.320	.312	91	94	Calm 0	W 2	10	10	—	Fine, but overcast.
18	30.00	29.89	47.3	46.5	46.5	51.9	1.7	1.6	.285	.279	88	88	SW 3	S 4	10	9	.02	Fine, but overcast.
19	29.85	.70	46.3	44.6	44.6	54.4	1.4	2.7	.281	.236	90	80	N 3	WSW 5	7	4	.03	Fine and sunny all day.
20	.35	.34	47.5	43.2	41.1	59.9	2.3	2.8	.318	.221	96	79	WSW 6	W 5	10	2	.06	☁ ² showers a.
21	.18	.16	45.1	43.6	43.2	50.4	3.5	4.1	.224	.201	75	71	WSW 4	SW 4	3	0	.08	Fine and sunny.
22	.20	.27	47.6	39.6	37.6	49.4	3.7	1.8	.191	.208	74	85	N 3	W 3	6	6	.03	Sunny intervals. ▲ ⁰ 0.
23	.33	.52	46.3	38.8	36.6	50.9	3.1	1.7	.245	.203	78	86	W 1	NW 2	4	0	.01	Fine and sunny nearly all day.
24	.40	.20	41.5	46.4	30.9	50.9	1.5	0.0	.230	.316	88	100	SW 5	W 7	10	9	.26	☁ ² , then bright intervals.
25	.61	.82	44.6	38.6	38.6	47.6	0.0	3.3	.295	.173	100	74	NW 6	NW 1	3	0	—	Fine and sunny.
26	.93	.76	46.4	51.1	31.6	51.8	3.5	0.2	.338	.370	76	98	W 3	SW 6	7	10	.74	Fine till noon, then ☁ ² .
27	.76	.86	52.0	48.7	48.7	54.0	0.4	0.9	.277	.322	97	94	NW 5	NW 5	10	9	.05	Unsettled all day.
28	.89	.94	52.6	45.5	45.5	55.9	2.0	0.8	.343	.287	86	95	N 1	NNW 2	10	0	.04	☁ till noon, then sunny intervals.
29	.69	.79	49.7	50.6	43.3	53.9	0.1	0.5	.354	.354	99	96	WSW 5	NW 4	10	9	.34	☁ a. Overcast all day.
30	.81	.86	48.3	49.7	48.3	55.1	0.1	0.2	.334	.352	98	99	Calm 0	WNW 4	10	8	.05	☁ a. Fine p.
31	29.87	29.74	50.6	48.6	48.0	54.2	2.2	0.1	.313	.341	85	99	Calm 0	WSW 3	8	10	.04	Fine a. ☁ ⁰ p.
Mean	29.761	29.770	46.5	45.4	42.4	51.9	1.4	1.1	.286	.282	89.9	91.7	2.6	3.2	7.8	6.6	2.37	

ARMAGH.—MARCH 1902.

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

1	29° 21'	29° 34'	47° 6'	43° 3'	43° 3'	52° 2'	3° 1'	1° 0'	*258	*259	79	92	S	4	S	3	4	5	'332	
2	'53	'61	44° 6'	43° 6'	40° 8'	51° 6'	0° 0'	3° 8'	*295	*206	100	73	SW	1	S	2	3	10	'020	
3	'47	'55	47° 0'	47° 4'	41° 7'	50° 6'	2° 0'	2° 0'	*275	*279	86	86	S	4	S	3	10	10	'018	Overcast, with ● showers.
4	'60	'71	47° 3'	43° 1'	43° 1'	52° 0'	2° 0'	2° 3'	*248	*229	86	82	S	4	S	2	10	10	—	
5	'80	'81	45° 1'	43° 7'	41° 2'	48° 4'	2° 5'	1° 1'	*244	*260	81	91	SW	2	SW	1	10	10	—	Overcast all day.
6	'77	'75	43° 6'	46° 6'	40° 9'	49° 1'	0° 8'	2° 0'	*266	*271	93	86	SW	2	SW	1	10	10	'020	Overcast all day.
7	'76	'77	47° 3'	46° 0'	46° 0'	51° 1'	0° 3'	1° 0'	*319	*287	98	93	WSW	1	W	1	10	10	—	Overcast all day.
8	'63	'49	46° 0'	48° 8'	42° 0'	49° 8'	0° 7'	1° 8'	*294	*300	95	87	SW	2	W	3	10	10	'068	Overcast all day.
9	'62	'66	46° 8'	47° 6'	42° 2'	51° 5'	0° 4'	1° 8'	*309	*286	97	88	WSW	1	SW	1	10	10	'075	Overcast all day. ● showers p.
10	'75	'77	45° 3'	44° 5'	44° 0'	50° 4'	0° 7'	3° 9'	*285	*312	95	72	N	0° 5'	SSW	1	10	10	—	Overcast all day.
11	'76	'69	45° 6'	44° 3'	42° 2'	49° 0'	2° 4'	2° 3'	*252	*241	82	82	SSE	1	SSE	3	10	10	'018	Overcast all day. ● showers.
12	'62	'65	46° 3'	39° 0'	39° 0'	52° 8'	1° 8'	2° 7'	*272	*186	88	79	S	3	SSW	2	10	4	'090	
13	'51	'64	46° 6'	40° 6'	38° 7'	50° 6'	4° 0'	3° 8'	*229	*181	73	72	SW	4	SSW	3	0	3	—	
14	'57	'43	43° 4'	39° 4'	37° 6'	49° 8'	2° 0'	3° 3'	*238	*179	84	75	SSW	2	W	2	7	2	'008	
15	'63	'82	44° 4'	43° 4'	37° 8'	54° 0'	2° 3'	3° 8'	*242	*204	83	73	W	3	W	1	2	10	'015	
16	'89	'92	45° 6'	48° 3'	42° 8'	51° 0'	0° 6'	0° 6'	*291	*324	95	96	SSW	1	SW	2	10	9	'020	
17	'91	'78	49° 6'	50° 4'	47° 8'	59° 0'	1° 0'	5° 2'	*330	*245	93	67	SW	2	SSW	3	10	10	—	Overcast all day.
18	'54	'62	49° 6'	42° 0'	42° 0'	55° 3'	3° 2'	2° 4'	*278	*218	79	82	SSW	5	SW	2	10	9	'100	
19	29° 58'	29° 03'	41° 0'	44° 4'	34° 8'	49° 3'	1° 9'	3° 3'	*217	*222	85	76	SW	4	WSW	4	3	9	'210	
20	28° 91'	28° 85'	39° 3'	36° 0'	34° 5'	46° 9'	1° 6'	2° 8'	*209	*161	88	76	WSW	3	SW	3	9	9	'142	
21	'78	28° 97'	36° 6'	34° 6'	32° 8'	45° 2'	1° 0'	2° 6'	197	'151	91	75	SSW	3	W	1	10	3	—	
22	28° 96'	29° 06'	36° 6'	35° 5'	31° 0'	44° 7'	2° 0'	1° 9'	*180	*172	83	83	SW	3	WSW	1	0	0	'027	— early a. Fine and clear.
23	29° 24'	'37	43° 0'	38° 4'	32° 4'	48° 2'	1° 9'	2° 2'	*236	*138	85	75	NW	2	WSW	1	8	0	'040	▲ shower 3.15p.
24	'01	'08	33° 0'	33° 4'	31° 0'	38° 9'	0° 6'	0° 4'	*175	*200	93	96	ESE	3	N	1	10	10	'518	✱ 8.30a.—noon.
25	'46	'59	37° 6'	35° 0'	28° 2'	47° 0'	2° 2'	1° 9'	*184	*166	81	81	NNW	1	WSW	2	2	2	'038	
26	'64	'39	38° 6'	38° 6'	32° 4'	44° 2'	1° 8'	1° 0'	*199	*215	85	92	SW	3	SE	1	10	10	'020	● showers.
27	'42	'58	49° 6'	47° 1'	38° 4'	57° 9'	2° 8'	2° 5'	*266	*265	75	82	W	3	W	2	10	10	'030	Overcast all day.
28	'67	'66	49° 0'	44° 6'	44° 6'	56° 0'	1° 5'	4° 5'	*310	*202	90	69	W	2	SSW	1	10	10	'014	
29	'35	'68	49° 6'	41° 8'	41° 8'	56° 0'	2° 0'	3° 2'	*305	*202	86	77	SW	3	N	0° 5'	10	9	—	
30	'68	'58	47° 3'	45° 0'	45° 0'	53° 2'	3° 0'	0° 2'	*195	*294	75	98	SE	3	SW	3	10	9	'053	
31	29° 54'	29° 39'	47° 8'	44° 1'	41° 2'	52° 6'	2° 6'	0° 7'	*270	*273	81	94	SW	3	WNW	1	2	10	'123	● p.
Mean	29° 509	29° 524	44° 3	42° 5	39° 2	50° 3	1° 8	2° 3	*255	*227	86° 6	82° 3		2° 5		1° 9	7° 7	7° 8	1° 999	

MARKREE CASTLE.—MARCH 1902.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27' W. Lat. 54° 11' N. Gravity Correction, +·024 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.			
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.							9 a.m.
1	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.		
2	29.18	29.37	45.5	45.7	42.3	51.0	1.5	0.7	.270	.291	89	95	S	3	S	1	10	6	
3	.59	.64	45.2	43.3	40.3	52.2	1.8	1.4	.260	.250	87	89	S	1	S	1	8	8	
4	.47	.55	46.8	48.5	42.7	50.4	1.1	0.9	.294	.319	92	93	S	4	S	5	10	10	
5	.63	.72	47.6	44.5	44.2	52.8	1.6	2.2	.390	.244	89	83	S	4	SSE	4	10	2	
6	.84	.65	44.9	45.7	42.1	49.4	1.7	1.8	.259	.267	88	87	S	0.5	S	0.5	10	10	
7	.83	.82	45.6	46.8	40.4	51.7	1.2	0.5	.279	.308	91	96	S	1	SSW	0.5	10	10	
8	.87	.87	47.8	45.3	44.8	50.7	1.3	2.7	.301	.243	91	80	N	2	SW	2	4	10	
9	.72	.61	47.6	50.4	42.8	50.4	1.8	1.1	.286	.338	88	92	S	1	SSW	3	10	10	
10	.68	.75	51.0	49.0	47.6	52.7	0.8	0.7	.353	.330	94	95	SSW	1	SW	2	10	10	
11	.82	.82	47.3	45.2	43.5	50.2	1.7	1.9	.285	.258	88	86	N	1	E	1	7	10	
12	.78	.71	45.5	45.7	43.4	47.8	1.1	1.3	.280	.278	92	91	SE	2	SE	2	10	10	
13	.63	.67	47.2	39.0	36.7	49.3	2.6	2.0	.264	.199	82	84	S	3	S	2	3	2	
14	.56	.67	47.3	40.6	39.0	52.2	4.5	1.2	.227	.227	70	90	S	4	SE	2	8	0	
15	.58	.54	43.7	41.4	38.9	48.3	1.7	1.7	.247	.226	86	88	SSE	3	W	3	9	5	
16	.74	.89	46.9	43.8	38.9	51.5	3.5	1.4	.242	.255	77	89	W	3	SW	0.5	1	10	
17	.94	.98	46.1	50.2	43.2	56.8	0.4	1.2	.303	.332	97	92	S	0.5	S	2	10	10	
18	.95	.82	51.8	49.2	48.1	56.8	1.9	1.9	.336	.303	87	87	S	2	S	4	9	10	
19	.59	.70	47.8	36.9	36.4	49.5	1.2	1.1	.303	.198	91	91	SW	3	S	1	10	2	
20	.62	29.14	44.9	46.8	32.8	49.5	2.8	2.2	.236	.268	80	84	S	2	WSW	5	2	10	
21	29.00	28.94	42.4	36.3	35.8	47.2	3.1	1.3	.208	.190	77	89	SW	3	W	3	9	10	
22	28.80	29.09	40.3	38.6	33.8	47.9	0.9	2.9	.231	.180	93	78	S	1	N	3	9	7	
23	29.06	.16	37.5	36.8	32.2	44.8	1.1	0.4	.203	.210	91	96	NNW	2	N	1	10	4	
24	29.36	.43	39.0	31.4	30.8	44.4	1.1	0.9	.216	.155	91	88	W	1	S	0.5	8	2	
25	28.83	.24	33.2	37.9	29.9	40.7	0.2	1.9	.186	.191	98	84	SSE	5	N	1	10	10	
26	29.54	.67	43.7	37.8	34.9	46.7	4.9	2.4	.188	.182	66	80	S	1	NW	1	8	10	
27	.69	.42	40.0	39.0	34.1	45.1	2.0	0.6	.207	.226	84	95	S	2	SE	1	10	10	
28	.53	.66	50.7	48.8	38.7	56.4	3.9	1.8	.275	.300	75	87	S	3	SSW	1	10	10	
29	.78	.73	48.9	45.8	43.2	51.3	3.9	3.2	.256	.239	74	78	NW	3	S	1	4	10	
30	.47	.75	50.2	41.7	41.5	50.9	1.4	1.7	.327	.228	91	87	SW	2	N	0.5	10	7	
31	.69	.68	39.5	47.7	37.9	49.8	0.8	1.6	.226	.292	94	89	SE	2	S	2	10	10	
31	29.61	29.46	50.4	43.0	43.0	52.9	4.1	1.0	.267	.255	74	92	SW	2	NNW	2	9	10	
Mean	29.559	29.592	45.4	43.3	39.4	50.0	2.0	1.5	.261	.251	86.0	88.2		2.2		1.9	8.3	7.9	3.04

DUBLIN (PHENIX PARK).—MARCH 1902.

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

1	29°29	29°43	46°6	45°10	39°9	55°3	2°9	1°5	252	266	80	89	Calm	SSW	1	6	4	—	Fine, but cloudy.
2	'61	'70	46°6	39°10	37°11	51°8	2°8	1°4	254	269	81	88	WSW	Calm	0	6	8	—	Fine, but cloudy.
3	'63	'65	48°4	48°3	38°4	52°0	3°5	2°0	258	276	76	82	SSW	SSW	2	10	6	—	Dull a. Cloudy p.
4	'72	'81	50°0	41°4	40°9	50°7	4°6	2°6	253	220	70	85	S	Calm	0	8	4	—	Cloudy day.
5	'88	'87	46°1	35°1	33°9	52°1	3°2	0°6	241	193	77	94	Calm	Calm	0	4	0	—	Fine, but cloudy. $\frac{1}{2}$ from sp.
6	'86	'83	42°2	44°7	30°4	51°8	1°7	1°5	233	262	88	89	Calm	Calm	0	7	7	—	$\frac{1}{2}$ till 1a. Cloudy day.
7	'84	'83	45°6	47°3	41°9	50°1	0°7	0°9	291	104	95	94	W	Calm	0	10	8	—	Dull a. Cloudy p.
8	'76	'62	45°9	48°2	38°1	51°2	1°9	0°7	266	320	87	96	WSW	W	2	10	10	040	Dull day. $\frac{1}{2}$ showers from sp.
9	'70	'76	50°3	48°6	47°5	55°1	1°3	1°4	331	307	91	90	W	W	1	10	10	045	$\frac{1}{2}$ showers till 3a. $\frac{1}{2}$ from 10p.
10	'80	'82	48°7	41°1	40°1	50°8	1°1	0°7	317	243	92	94	Calm	Calm	0	9	5	005	$\frac{1}{2}$ till 6a. $\frac{1}{2}$ showers a.
11	'81	'76	45°6	46°2	39°9	47°1	1°7	2°4	268	259	87	84	E	Calm	0	9	7	040	$\frac{1}{2}$ ga.—noon. $\frac{1}{2}$ showers from 7p.
12	'72	'76	47°4	37°6	36°6	55°2	3°4	1°4	249	198	77	88	S	Calm	0	7	6	020	Cloudy day. $\frac{1}{2}$ showers 3p.—4p.
13	'64	'72	46°3	35°5	33°1	53°2	3°1	0°7	245	195	78	94	SW	Calm	0	8	2	—	Fine, but cloudy.
14	'65	'51	45°0	44°7	30°5	50°4	3°3	1°9	227	253	76	86	Calm	W	1	5	7	—	Cloudy day.
15	'73	29°89	44°4	45°1	36°1	52°9	2°9	2°2	230	250	79	83	W	W	1	3	8	035	Fine, but cloudy. $\frac{1}{2}$ from 10p.
16	29°96	30°02	45°8	49°5	43°5	53°4	1°1	2°1	284	302	93	86	Calm	W	1	10	6	075	$\frac{1}{2}$ a. $\frac{1}{2}$ p.
17	30°00	29°91	52°6	51°1	46°9	57°8	4°2	4°4	290	269	73	72	SW	SW	1	6	9	—	Cloudy day.
18	29°69	'71	49°6	41°4	40°8	53°8	3°8	2°2	17	278	88	88	SW	Calm	0	8	10	195	Cloudy day. $\frac{1}{2}$ 2p.—7p.
19	'69	29°20	43°2	45°7	37°3	50°0	2°5	1°1	226	282	81	93	SW	SW	4	4	10	100	$\frac{1}{2}$ showers from 8p.
20	29°06	28°98	42°6	37°0	36°5	47°3	2°9	1°9	214	184	79	84	SW	WSW	2	6	3	030	$\frac{1}{2}$ showers a. and p.
21	28°91	29°04	39°7	37°2	33°7	46°2	2°6	1°6	194	191	79	86	WSW	NW	1	9	4	130	$\frac{1}{2}$ ga. $\frac{1}{2}$ showers 1p.—3p. U
22	29°06	'12	37°1	35°1	30°5	44°7	2°4	0°7	176	191	80	93	WSW	Calm	0	5	4	030	Cloudy day. $\frac{1}{2}$ 4p.
23	'30	'44	40°1	33°2	32°2	46°9	2°3	1°6	202	157	81	82	W	Calm	0	5	1	005	Fine, but cloudy.
24	'04	'08	37°5	36°8	27°9	49°3	1°7	0°9	191	201	85	93	ESE	NW	2	10	10	315	$\frac{1}{2}$ a. and p.
25	'55	'69	39°5	34°3	31°9	48°4	2°2	1°5	200	187	82	87	W	W	1	4	4	—	Fine, but cloudy.
26	'75	'44	39°9	41°3	33°6	45°5	2°3	0°4	201	252	82	97	WSW	Calm	0	8	10	300	$\frac{1}{2}$ from 1p.
27	'53	'76	49°7	49°2	40°8	56°4	3°8	2°4	267	292	74	84	W	W	1	9	6	—	$\frac{1}{2}$ till 3a. Cloudy day.
28	'76	'69	49°0	45°5	42°0	54°9	2°5	2°4	267	250	83	83	W	Calm	0	9	5	010	Fine, but cloudy.
29	'44	'75	50°4	43°6	43°1	55°0	1°7	3°5	333	211	89	75	SW	Calm	0	9	8	155	$\frac{1}{2}$ 6a.—8a. Cloudy day.
30	'74	'69	39°5	50°8	35°7	51°8	0°6	1°3	290	339	95	91	E	W	2	10	10	015	$\frac{1}{2}$ 3a.—10a. and 1p.—3p.
31	29°66	29°46	50°2	50°0	46°2	56°1	3°5	2°6	278	295	77	82	W	WSW	2	9	10	110	Cloudy a. Dull, with $\frac{1}{2}$ p.
Mean	29°605	29°609	45°3	43°0	37°6	51°5	2°5	1°7	250	245	82°1	87°5	1°1	0°8		7°5	6°5	1°655	

BIRR CASTLE.—MARCH 1902.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar., —2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 inches.
Long. 7° 55' W. Lat. 53° 6' N. Gravity Correction, +.021 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.		
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
1	ins.	ins.	46.2	44.2	41.4	51.6	1.6	0.5	.276	.279	89	97	SSE 3	SSE 2	10	10	ins.	☉ showers.
2	29.21	29.38	43.1	43.7	38.6	51.3	0.3	1.7	.272	.247	97	86	S 2	SE 2	6	0	.004	☉ Cloudy day. ☉ n.
3	29.54	29.71	46.9	40.9	30.0	52.0	1.7	0.7	.283	.304	88	95	S 5	SW 2	10	10	.011	☉ a. and n.
4	29.64	29.73	47.7	41.1	39.0	51.2	2.2	1.2	.279	.232	85	90	SE 5	SE 4	10	0	—	☉ Cloudy and cool.
5	29.84	29.85	42.3	38.7	35.1	53.6	0.6	0.9	.257	.218	96	93	Calm 0	SE 1	4	5	—	☉ Fine and bright.
6	29.84	29.85	42.3	38.7	35.1	53.6	0.6	0.9	.257	.218	96	93	Calm 0	SE 1	4	5	.006	☉ a. Fine and bright.
7	29.84	29.85	42.3	38.7	35.1	53.6	0.6	0.9	.257	.218	96	93	Calm 0	SE 1	4	5	.002	☉ (mist) a. ☉ n.
8	29.77	29.66	47.0	48.7	39.0	51.7	1.0	0.9	.298	.322	93	94	SW 2	SW 5	10	10	.003	☉ Overcast and threatening.
9	29.71	29.76	49.8	46.2	51.9	0.4	1.3	.348	.311	97	91	W 1	SW 3	10	10	.020	☉ (mist) at times.	
10	29.79	29.79	48.6	48.2	42.1	53.2	0.9	1.3	.320	.305	94	91	WSW 2	SW 1	10	10	.051	☉ (mist) a.
11	29.75	29.71	47.0	46.1	43.5	51.6	0.3	2.2	.316	.262	92	84	NW 1	NW 1	10	9	.009	☉ Cloudy, with ☉ (mist).
12	29.67	29.70	46.7	39.6	36.7	52.2	1.2	1.9	.291	.206	92	85	SW 2	Calm 0	9	4	.092	☉ showers a.
13	29.62	29.70	46.6	39.0	37.3	52.7	3.2	1.1	.245	.216	78	91	SW 2	SW 2	3	3	—	☉ Fine and bright. ☉ n.
14	29.63	29.54	43.2	42.2	32.5	48.4	2.1	0.9	.234	.250	84	92	SE 3	SE 3	9	0	—	☉ Cloudy and cool.
15	29.77	29.89	45.9	44.4	36.9	52.9	2.7	1.0	.249	.269	81	92	SW 2	SW 1	3	2	.055	☉ Fine, bright, and cool.
16	29.93	30.02	48.2	49.7	42.5	54.8	0.7	1.8	.320	.312	96	88	SE 1	SE 1	10	9	—	☉ Cloudy day.
17	29.00	29.88	50.7	49.7	42.1	54.7	1.9	2.8	.322	.288	88	81	SW 1	SW 2	8	10	.150	☉ Overcast, with ☉.
18	29.65	29.72	50.7	39.7	39.0	51.8	2.7	0.5	.302	.234	82	96	SW 5	SW 2	10	9	.132	☉ Squally ☉.
19	29.70	29.28	42.7	46.3	34.9	48.9	1.3	1.1	.246	.288	89	92	SSE 2	W 7	3	10	.211	☉ Squally ☉ ² showers.
20	29.09	29.02	43.2	35.7	33.7	46.3	2.8	0.9	.221	.194	79	92	W 6	SW 5	8	4	.080	☉ ☉ showers.
21	28.90	29.08	40.0	38.2	33.5	47.2	2.3	1.3	.202	.204	82	89	SW 5	SW 3	10	8	.081	☉ ☉ ² (sleet) showers.
22	29.07	29.13	36.7	37.7	29.6	42.0	0.9	0.7	.200	.212	92	94	W 3	SW 2	10	4	.167	☉ ☉ showers.
23	29.34	29.44	41.0	32.7	31.3	46.9	2.4	0.8	.208	.170	81	91	W 3	NW 3	3	2	.156	☉ ☉ (sleet) ☉ showers.
24	28.86	29.19	36.0	38.2	30.6	47.6	0.3	1.5	.206	.201	97	88	E 5	NW 5	10	10	.037	☉ ☉ showers.
25	29.56	29.70	41.2	35.5	33.9	48.0	4.5	0.9	.174	.191	67	92	W 3	W 3	0	0	.427	☉ Overcast, with ☉. Squally n.
26	29.75	29.42	39.7	50.5	31.9	50.9	1.3	1.7	.218	.324	89	89	SW 3	SW 7	10	10	—	☉ Fine and bright.
27	29.56	29.68	50.7	48.7	44.8	50.7	3.8	1.9	.277	.298	75	87	SW 3	SW 3	7	10	—	☉ Fine and bright.
28	29.79	29.78	50.7	44.8	41.5	51.0	3.5	2.3	.284	.246	77	83	SW 3	SW 2	4	10	.035	☉ Cloudy and threatening.
29	29.48	29.72	49.7	44.6	41.9	54.5	0.8	2.0	.336	.250	94	85	SE 2	SW 2	10	8	.072	☉ ⁰ (mist) a. ☉ ⁰ showers.
30	29.66	29.70	44.3	49.1	40.9	53.2	0.4	6.1	.282	.216	97	62	SE 2	SW 4	10	10	.120	☉ Overcast, with ☉ ⁰ .
31	29.67	29.46	50.2	48.7	41.7	52.5	2.0	1.2	.312	.314	86	92	SW 3	SW 4	9	10	—	☉
Mean	29.588	29.608	45.2	43.4	37.8	50.7	1.6	1.5	.267	.253	88.3	89.1	2.6	2.7	7.9	6.6	2.312	

DEERNES.—APRIL 1902.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45' W. Lat. 58° 56' N. Gravity Correction, +.036 in.

1	28.82	28.96	41.1	40.3	40.0	45.3	1.6	1.3	.224	.225	87	90	SW 7	WNW 9	10	10	.21	☉ (gale) ☉ showers.
2	29.29	29.27	40.8	41.0	37.6	45.0	3.7	1.5	.184	.225	72	88	NW 7	SSW 6	5	7	—	☉ (gale).
3	29.24	29.21	38.3	36.2	33.0	41.8	3.8	2.5	.163	.168	70	79	W 5	SSW 2	9	3	—	☉ Fine day.
4	29.32	29.54	42.1	38.0	36.0	46.6	5.4	1.0	.169	.208	63	91	SE 1	N 3	6	0	—	
5	29.71	29.91	43.5	39.0	37.0	45.6	2.5	3.0	.229	.200	80	77	NNE 4	NE 3	2	8	—	☉ Fine, dry, and cold.
6	30.01	30.09	40.7	38.0	35.6	43.8	4.5	2.0	.169	.190	66	83	NE 2	NW 1	10	8	—	☉ Very fine.
7	30.08	30.05	41.4	37.5	34.2	45.8	3.4	1.7	.194	.191	75	85	W 4	NW 1	2	0	—	☉ Very fine. Cold.
8	30.01	30.01	40.2	40.2	35.0	46.8	2.9	1.8	.209	.213	79	86	N 1	Calm 0	4	9	—	☉ Very fine.
9	29.99	29.99	40.0	46.0	38.2	35.7	4.8	3.1	.238	.206	77	90	SSW 1	WNW 2	2	6	—	☉ Very fine.
10	30.00	30.08	41.4	35.5	34.0	47.2	2.3	1.0	.205	.189	79	91	NW 4	NW 1	6	2	.13	☉ Very fine.
11	29.94	29.93	39.0	39.7	31.2	41.5	1.8	1.3	.203	.218	86	89	NE 2	E 6	7	10	.10	☉ * a. Boisterous.
12	29.86	29.61	40.0	40.2	35.2	41.0	4.0	0.4	.172	.241	69	96	E 8	ESE 8	9	10	.22	☉ (gale) ☉ Cold. [showers.
13	29.56	29.49	41.3	42.0	39.2	43.6	0.3	1.7	.253	.231	98	87	SE 7	SSE 6	10	10	—	☉ (gale). ☉ till 9 a., then ☉
14	29.60	29.65	43.0	43.2	38.4	45.3	2.2	1.0	.230	.257	83	92	S 7	SSE 8	9	10	.08	☉ (gale). Cold and dry.
15	29.65	29.56	43.1	42.8	40.0	44.8	1.3	0.6	.250	.261	89	96	S 5	SSE 4	8	10	.24	
16	29.56	29.69	45.2	44.2	41.0	51.6	1.4	1.4	.269	.259	90	89	W 4	S 1	5	2	.03	☉ Fine and very mild.
17	29.66	29.66	43.5	43.8	40.0	51.8	1.4	0.8	.251	.267	89	94	SSE 1	S 1	9	10	—	☉ Bright till 7 p. ☉ ☉ ☉
18	29.69	29.69	49.0	44.4	39.3	52.0	3.0	0.6	.276	.278	79	95	SSW 2	SSE 3	4	2	—	☉ Very fine.
19	29.64	29.55	43.3	44.5	42.0	45.4	0.3	1.2	.273	.266	98	90	SE 8	SE 7	10	10	—	☉ (gale) ☉.
20	29.55	29.52	48.1	45.0	43.0	50.8	1.9	0.8	.289	.280	86	94	SSE 5	SE 4	8	2	.035	☉ Cold wind. Sunny.
21	29.52	29.50	47.4	45.6	43.0	51.0	0.4	0.4	.317	.286	97	97	SSE 4	SSE 2	4	7	.11	☉ Very fine.
22	29.32	29.15	46.3	46.0	43.3	49.0	0.9	0.7	.293	.294	94	95	SE 9	SE 9	10	10	.04	☉ (gale) ☉ showers.
23	29.39	29.59	48.6	44.8	43.0	50.0	1.6	1.3	.302	.267	89	90	SE 5	SE 5	3	0	—	
24	29.75	29.83	48.3	45.8	43.0	49.3	1.3	1.8	.306	.267	91	87	SE 4	Calm 0	0	7	—	☉ Fine day.
25	29.91	29.98	52.3	45.2	42.0	54.8	4.1	1.0	.289	.278	73	93	E 1	E 2	4	0	—	☉ Very fine.
26	29.04	29.07	41.4	42.8	39.8	47.8	3.1	1.6	.254	.240	88	88	SE 2	E 2	10	2	—	☉ * a. Very fine.
27	29.14	29.15	43.0	44.0	40.0	47.0	2.0	2.0	.234	.244	84	84	NE 1	Calm 0	10	10	—	☉ Very fine.
28	29.15	29.09	47.0	46.1	41.8	51.6	2.2	2.1	.271	.264	85	85	NNW 2	NW 2	9	10	—	☉ Very fine.
29	29.93	29.73	48.4	43.0	42.2	50.0	3.4	2.0	.260	.234	77	84	W 5	WNW 4	8	1	.14	
30	29.50	29.41	45.3	40.0	39.0	47.6	2.6	2.2	.245	.203	81	82	W 5	NNW 3	7	2	.115	☉ Cold. ☉ showers all day.
Mean	29.694	29.699	44.0	41.9	38.8	47.4	2.3	1.4	.241	.238	82.8	88.9	4.1	3.5	6.7	5.9	1.51	

DUNROBIN CASTLE.—APRIL 1902.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56' W. Lat. 57° 59' N. Gravity Correction, +.034 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.		
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.					9 a.m.	
1	ins.	ins.							in.	in.	%	%					ins.	
2	29°10	29°38	43°5	37°0	35°0	45°0	3°0	2°0	.220	.182	77	83	NW	NW	—	—	.05	Breezy day.
3	57	44	43°0	40°8	34°0	58 2	3°8	2°0	.201	.214	72	84	NW	NW	—	—	.30	Fine, but cold. ☉ showers.
4	46	40	37°0	36°0	33°0	46°8	3°5	4°2	.157	.139	72	65	NW	NW	—	—	.20	*☉ showers.
5	57	29°75	41°2	34°0	32°0	48°0	2°7	1°2	.205	.172	80	87	NW	N	—	—	—	
6	29°88	30°05	44°0	38°8	33°8	47°5	3°0	8°8	.224	.183	77	78	E	E	—	—	—	
7	30°20	.18	41°2	38°5	34°0	44°8	3°7	3°3	.188	.171	73	74	SE	NW	—	—	—	Fine a. *☉ (sleet) Δ.
8	28	14	46°5	42°0	30°2	52°0	7°3	5°0	.173	.174	54	66	W	NW	—	—	—	Dull a.
9	18	20	44°0	39°5	36°0	49°2	3°5	2°7	.215	.190	74	79	SW	W	—	—	—	Fine, clear, and cold.
10	18	23	40°5	37°5	31°0	49°5	2°5	3°5	.202	.161	80	71	SW	NW	—	—	—	Fine day.
11	28	25	49°0	35°0	33°2	51°0	5°5	2°5	.226	.156	65	76	NW	NW	—	—	.03	
12	30°07	30°01	36°2	39°2	32°5	40°0	1°0	2°2	.195	.197	91	82	NW	E	—	—	—	
13	29°73	29°73	38°5	40°8	37°0	41°8	1°5	0°8	.203	.237	87	94	SE	SE	—	—	.23	Dull a. Stormy p.
14	69	68	38°2	41°2	34°0	44°0	1°2	2°2	.206	.213	90	83	W	SE	—	—	.45	Stormy, with ☉ showers.
15	78	80	43°0	45°0	37°2	48°0	3°0	3°0	.215	.233	78	78	S	S	—	—	—	Dull, with cold wind.
16	81	74	47°0	44°0	37°5	48°5	2°8	2°0	.257	.244	80	84	SE	SE	—	—	—	Fine, sunny, and mild.
17	75	87	45°0	44°2	38°2	57°2	2°2	3°0	.249	.226	84	77	W	NE	—	—	—	Fine, clear, and cold.
18	84	87	48°0	43°8	35°0	49°8	4°0	3°3	.243	.217	73	75	SW	NW	—	—	—	Fine, clear, and cold.
19	86	90	48°0	44°2	37°2	53°0	3°2	3°0	.259	.226	78	77	S	NE	—	—	—	Clear, with cold wind.
20	76	64	47°0	47°0	39°0	48°0	1°8	2°0	.280	.275	87	86	SE	N	—	—	—	Clear, with cold wind.
21	78	70	49°0	48°2	45°0	55°0	3°0	3°0	.276	.265	79	79	SE	N	—	—	—	Fine, clear, and dry.
22	66	66	48°5	50°0	44°5	54°2	1°5	3°0	.303	.286	89	80	SE	SE	—	—	.05	Fine day.
23	42	30	49°0	47°2	45°0	50°0	1°5	1°2	.310	.295	90	92	SE	SE	—	—	—	Breezy day.
24	52	29°79	52°5	48°0	46°5	55°2	5°0	2°0	.272	.285	69	86	S	S	—	—	—	Fine and clear.
25	29°88	30°05	48°2	47°8	47°2	54°5	2°2	2°8	.283	.265	85	80	SE	SE	—	—	—	Fine and clear.
26	30°05	.12	52°0	46°0	38°0	53°2	3°8	2°0	.292	.265	75	86	SE	SE	—	—	—	Fine and clear.
27	17	.18	42°5	42°5	41°0	49°2	0°5	2°5	.261	.220	96	81	SE	NE	—	—	—	Dull, with cold wind.
28	29	.34	47°8	44°0	36°0	56°0	3°0	2°0	.263	.244	80	84	NE	N	—	—	—	Fine, with cold wind
29	32	30°31	47°5	44°0	40°0	50°2	2°7	2°2	.266	.240	82	83	S	N	—	—	—	Dull day.
30	30°16	29°97	52°5	45°0	37°0	56°0	6°7	3°0	.238	.233	61	78	NW	NW	—	—	.12	Fine and clear.
Mean	29°76	29°63	49°2	41°8	40°2	53°0	4°2	3°6	.253	.195	72	74	NW	NW	—	—	.11	☉ showers a. Fine p.
Mean	29°872	29°877	45°3	42°4	37°3	50°3	3°1	2°6	.238	.220	78°3	80°1	—	—	—	—	1°81	

LAUDALE.—APRIL 1902.

Height above Mean Sea Level, 14 feet. Heights above Ground:—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 41' W. Lat. 56° 41' N. Gravity Correction, +.031 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.					Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.	9 a.m.	9 p.m.	9 a.m.	9 p.m.					
							9 a.m.	9 p.m.	9 a.m.	9 p.m.										
	ins.	ins.							in.	in.	%	%					ins.			
1	29° 32'	29° 54'	42° 4'	38° 0'	37° 0'	47° 7'	1° 7'	1° 0'	2° 35'	2° 08'	87	91	N	4	NNW	4	9	8	° 07	✱ showers all day.
2	° 66	° 58	40° 6'	42° 0'	37° 0'	48° 7'	1° 6'	1° 2'	2° 19'	2° 41'	87	91	NW	3	NNW	6	4	10	° 90	✱ showers in afternoon.
3	° 57	° 45	40° 0'	35° 0'	33° 0'	46° 0'	2° 0'	1° 7'	2° 07'	1° 70'	84	83	Cal	0	N	1	10	1	° 05	✱ n. and sp.-zp.
4	° 62	29° 81'	41° 8'	39° 0'	34° 0'	42° 5'	1° 8'	1° 0'	2° 27'	2° 18'	86	92	N	3	N	1	3	0	° 04	✱ showers.
5	29° 87'	30° 08'	43° 0'	39° 0'	28° 7'	48° 7'	3° 0'	2° 8'	2° 15'	1° 85'	78	78	Cal	0	E	2	2	0	—	Clear, bright, and cold.
6	30° 18'	° 27	45° 0'	36° 2'	31° 3'	49° 0'	3° 8'	2° 2'	2° 18'	1° 73'	73	81	E	1	NE	1	2	0	—	Bright and cold.
7	° 33	° 25	40° 8'	34° 3'	32° 8'	47° 5'	3° 0'	1° 8'	2° 19'	1° 66'	77	82	SE	1	N	1	10	0	—	Dull a. Bright p.
8	° 19	° 18	42° 0'	37° 5'	29° 6'	52° 0'	3° 3'	1° 5'	2° 02'	1° 95'	76	87	E	2	NE	1	0	0	—	Bright, cold, and dry.
9	° 22	° 17	41° 5'	39° 8'	31° 0'	52° 8'	2° 5'	1° 0'	2° 11'	2° 25'	81	92	Cal	0	Cal	0	0	—	—	Bright, cold, and dry.
10	° 20	30° 19'	42° 0'	42° 0'	31° 9'	54° 8'	1° 4'	2° 2'	2° 37'	2° 21'	89	84	Cal	0	Cal	0	2	10	° 02	Bright a. Dull p.
11	30° 07'	29° 00'	42° 8'	39° 2'	34° 0'	48° 8'	2° 9'	1° 0'	2° 15'	2° 20'	78	92	SW	4	SE	4	9	10	1° 23	✱ showers (sleet) ✱.
12	29° 79'	° 70	40° 9'	41° 5'	37° 7'	47° 4'	2° 5'	2° 5'	2° 06'	2° 11'	81	81	E	4	S	1	10	10	° 04	✱ before ga.
13	° 70	° 66	43° 2'	40° 0'	35° 2'	47° 0'	3° 2'	2° 8'	2° 13'	1° 93'	77	78	ESE	3	W	3	2	7	° 26	✱ showers (sleet).
14	° 74	° 76	46° 0'	46° 8'	38° 2'	51° 3'	2° 8'	2° 8'	2° 48'	2° 55'	80	80	S	4	S	4	10	10	° 12	Squally showers.
15	° 78	° 71	47° 0'	41° 8'	41° 0'	57° 4'	3° 0'	1° 1'	2° 53'	2° 42'	79	92	S	3	Cal	0	6	2	—	Mild and seasonable.
16	° 81	° 88	50° 0'	40° 2'	35° 3'	54° 7'	4° 0'	1° 5'	2° 65'	2° 18'	74	89	NW	3	N	2	6	0	—	Fine and mild.
17	° 85	° 89	47° 5'	41° 2'	38° 7'	55° 3'	2° 7'	1° 2'	2° 66'	2° 33'	82	91	S	1	N	2	9	0	—	Dark day. Clear n.
18	° 87	° 81	50° 4'	46° 8'	37° 7'	57° 0'	3° 3'	4° 5'	2° 72'	2° 43'	75	70	S	2	E	3	2	0	—	Fine day.
19	° 74	° 58	49° 2'	51° 2'	46° 0'	56° 3'	3° 2'	2° 5'	2° 74'	2° 34'	78	83	SE	5	S	7	7	9	° 25	Squally (gale). showers in evening
20	° 60	° 59	52° 0'	49° 2'	47° 7'	55° 2'	4° 0'	1° 2'	2° 87'	2° 39'	74	92	SSE	5	S	4	7	7	° 37	Squally showers all day.
21	° 63	° 58	51° 0'	50° 4'	47° 0'	58° 8'	2° 3'	2° 0'	2° 316'	2° 309'	84	86	S	2	S	5	6	10	° 80	a. Squally p.
22	° 24	° 17	53° 0'	50° 7'	49° 2'	55° 5'	1° 3'	2° 7'	2° 366'	2° 302'	91	82	S	6	S	7	10	9	1° 02	Squally showers.
23	° 17	° 65	52° 0'	49° 0'	46° 6'	57° 0'	2° 0'	3° 0'	2° 335'	2° 276'	86	79	S	4	S	4	6	3	—	showers in evening.
24	29° 84'	29° 97'	45° 0'	49° 0'	45° 0'	57° 3'	2° 0'	3° 0'	2° 253'	2° 309'	85	87	SE	2	S	2	8	7	° 30	Fine and warm.
25	30° 09'	30° 06'	54° 6'	49° 9'	47° 2'	59° 0'	2° 6'	4° 2'	2° 353'	2° 261'	83	72	S	2	NW	2	2	2	—	Fine and warm. showers in evening
26	° 08	° 14	55° 1'	45° 2'	42° 0'	61° 0'	4° 3'	2° 2'	2° 318'	2° 251'	74	84	ESE	2	S	2	0	6	° 05	Fine and warm. showers in evening
27	° 26	° 28	51° 1'	48° 8'	35° 7'	57° 3'	1° 5'	2° 8'	2° 337'	2° 278'	89	80	S	2	NE	1	2	1	—	Dull and overcast.
28	° 33	° 31	46° 0'	43° 8'	35° 7'	54° 0'	1° 1'	1° 6'	2° 263'	2° 250'	85	98	Cal	0	NE	2	10	10	—	Fine a. n.
29	30° 24'	30° 04'	51° 4'	46° 0'	35° 2'	52° 2'	2° 4'	1° 0'	2° 295'	2° 287'	78	93	W	3	W	2	6	10	° 12	showers.
30	29° 87'	29° 72'	48° 8'	44° 2'	43° 8'	53° 0'	2° 8'	1° 5'	2° 278'	2° 257'	80	89	NW	3	NNW	4	7	8	° 05	
Mean	29° 872'	29° 863'	46° 5'	43° 4'	38° 2'	52° 8'	2° 7'	2° 0'	2° 259'	2° 241'	81° 0'	85° 0'	2° 5'	2° 6'	5° 6'	5° 0'	5° 69'			

DUNDEE.—APRIL 1902.

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

1	29°13	29°30	42°9	38°4	36°4	49°9	4°4	3°1	198	174	75	W	6	W	6	5	5	—	Cloud and sunshine, 1ca.-4p.	
2	'50	'48	42°9	41°8	34°4	49°7	5°7	2°3	166	219	62	83	NW	4	W	4	10	10	°04	Cloudy day.
3	'36	'32	38°4	34°6	33°5	51°9	0°5	0°6	222	189	96	94	SW	1	W	1	10	10	°05	☼ (sleet) ☼ 7a.-10a.
4	'33	'63	42°8	37°1	31°9	49°0	4°3	2°7	192	171	71	77	NW	8	NW	2	0	7	—	☼. ↗ to 1p.
5	29°69	29°83	40°1	38°7	29°5	49°8	2°9	1°3	192	210	77	90	SW	1	NE	4	7	10	°02	Cloudy, with ☼° showers.
6	30°01	30°14	42°6	38°8	33°8	45°2	2°9	0°8	180	220	66	94	NE	4	SE	1	10	10	—	Dull day.
7	'17	'08	39°4	41°3	27°2	50°7	2°4	3°2	195	197	81	76	SW	1	W	2	5	10	—	Cloud and sunshine.
8	'07	'05	39°8	39°8	31°6	46°6	1°5	1°4	215	217	88	89	SW	1	SE	1	10	10	—	Dull day.
9	'08	'05	41°6	37°6	31°8	53°7	2°1	2°1	218	186	84	82	SW	2	SE	2	10	10	—	Cloud and sunshine.
10	30°07	30°06	42°6	37°2	30°2	52°6	2°0	0°7	231	208	85	94	SW	2	SE	2	5	10	—	Cloudy. ☼° showers 3p.-6p.
11	29°95	29°78	42°0	38°9	34°8	47°0	3°5	0°6	199	225	75	95	SE	2	SE	4	10	10	°36	Cloudy. ☼° showers from 7p.
12	'70	'58	37°8	38°5	35°2	39°9	0°3	0°5	220	223	98	96	SE	6	SW	1	10	10	°33	☼ (sleet) ☼ n.-4p.
13	'59	'58	40°3	40°6	36°9	47°7	0°6	0°9	238	96	93	SW	1	SW	4	10	10	—	Cloud and sunshine.	
14	'74	'70	47°4	42°3	36°0	52°7	2°9	1°3	260	242	81	90	SW	4	SE	2	10	10	—	Cloud and sunshine.
15	'68	'33	40°9	42°6	36°4	48°1	0°9	0°1	236	271	93	99	NE	2	E	1	10	10	°34	Dull day. ☼ from 3p.
16	'63	'73	48°3	43°1	38°4	59°2	2°8	1°2	272	252	81	90	SW	2	SE	2	5	7	—	Fine day. ☼ n.
17	'72	'74	42°8	45°6	38°5	53°7	0°4	0°9	266	242	97	80	SW	1	SW	2	10	5	°04	☼° 8.30a.-noon.
18	'79	'75	49°3	44°6	33°0	58°8	2°8	2°9	284	274	81	94	SW	1	SE	1	5	10	—	Cloud and sunshine.
19	'69	'53	43°2	44°6	39°2	55°4	0°6	0°8	266	276	95	94	E	2	SE	4	10	10	°01	☼° showers from 2.30p.
20	'58	'55	56°0	46°6	41°0	59°0	4°6	2°2	326	267	72	85	SE	2	SW	1	5	7	—	Cloud and sunshine.
21	'57	'57	49°9	50°3	43°0	55°2	1°9	2°6	310	299	82	SE	6	SW	4	10	10	°18	Dull, with ☼° showers 9.30a.-1p.	
22	'29	'22	46°1	46°8	44°3	50°9	0°6	1°7	298	279	56	88	SE	8	SE	2	10	10	°18	☼ n.-5p. ↗ (gale) 11a.-5p.
23	'46	'60	51°2	47°6	44°6	56°7	2°5	1°5	314	293	83	90	SW	2	SE	1	10	10	—	Cloudy, with ☼° showers.
24	'79	'90	51°1	46°8	40°7	58°9	2°8	1°6	305	282	81	88	SW	1	SE	1	5	10	°15	Cloudy, with ☼° showers.
25	29°97	29°96	47°1	43°8	36°7	60°7	0°6	0°8	310	267	96	94	SW	1	SE	1	5	0	—	Dull. ☼ to 9a.
26	30°02	30°06	41°5	40°8	39°2	53°7	0°3	1°3	255	228	98	90	NE	2	NE	4	10	0	—	Dull to 9a. Cloud and sunshine.
27	'13	'17	43°6	39°4	38°5	45°9	1°9	0°3	243	235	86	98	NE	6	NE	2	10	10	—	Dull day.
28	'19	30°15	42°6	43°6	34°0	50°5	1°0	0°9	251	263	92	93	SW	2	SE	1	5	10	—	Dull day.
29	30°05	29°83	49°0	48°8	35°7	60°9	3°5	3°3	266	268	76	78	NW	2	W	4	5	10	—	Cloudy, with ∞.
30	29°67	29°47	50°9	45°6	43°3	56°6	6°0	3°5	236	230	63	76	NW	4	NW	4	5	5	°01	Cloudy, with ☼° showers.
Mean	29°753	29°744	44°5	42°2	36°3	50°4	2°4	1°6	245	238	83°6	88°2	2°9		2°4	7°7	8°5	1°71		

GLASGOW.—APRIL 1902.

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

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.
								Dep. of Wet.		Vapour Pressure.		Percentage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			
1	ins.	ins.	°	°	°	°	°	in.	in.	%	%							ins.	
2	29°18	29°37	42°2	37°8	37°4	45°9	3°9	2°6	°193	°179	73	79	W	3	W	1	5	4	°070
3	'53	'49	42°1	41°6	34°9	48°1	5°1	2°3	°173	°216	65	82	W	2	SW	1	7	4	°122
4	'34	'33	37°2	35°2	35°2	42°8	1°0	1°5	°202	°177	91	86	W	1	W	1	10	4	°010
5	'42	'63	43°2	40°0	33°5	48°3	5°7	2°5	°172	°198	61	80	NW	3	W	1	4	8	—
6	29°67	29°81	41°1	39°9	33°2	46°4	4°7	3°5	°169	°180	66	73	NE	1	NE	1	6	8	°023
7	30°00	30°11	42°2	41°6	35°4	46°8	5°5	4°6	°169	°176	63	68	E	1	E	1	4	10	—
8	'16	'07	41°2	38°9	36°2	45°6	4°9	3°9	°168	°165	65	70	W	1	W	1	4	10	—
9	'03	'01	34°7	40°2	31°3	46°3	2°0	2°7	°162	°196	80	79	NE	1	E	1	9	7	—
10	'05	'01	36°9	46°1	33°1	53°3	1°7	5°8	°187	°194	86	62	NE	1	S	1	9	10	—
11	30°04	30°01	43°9	41°7	36°3	52°4	4°5	3°3	°196	°199	69	76	SE	1	E	1	1	10	—
12	29°89	29°72	40°2	38°6	36°2	44°2	3°9	1°9	°175	°198	70	85	SE	1	E	1	10	5	—
13	'60	'54	39°1	40°2	37°3	43°0	1°6	1°2	°208	°224	87	90	E	2	E	1	10	10	°050
14	'55	'57	38°6	38°3	33°3	45°0	1°8	1°2	°199	°207	85	90	SE	1	W	1	10	10	°066
15	'67	'63	47°6	47°9	38°2	52°6	4°6	5°6	°283	°213	69	64	S	2	SE	1	9	3	°007
16	'62	'51	43°4	44°7	37°5	52°1	2°7	1°5	°224	°262	79	89	E	1	E	1	4	10	—
17	'65	'70	46°7	46°2	38°1	55°3	4°2	3°6	°227	°234	72	76	W	1	Calm	0	4	10	—
18	'69	'74	43°9	44°1	42°7	54°8	1°2	2°6	°260	°233	91	80	SW	1	SW	1	10	0	°090
19	'57	'45	47°3	48°9	36°4	56°7	3°0	4°9	°257	°236	79	68	SW	1	SE	1	7	8	—
20	'50	'48	50°3	50°7	42°0	56°1	6°0	3°6	°230	°281	63	77	SE	1	S	1	10	10	—
21	'49	'48	51°4	50°1	47°4	58°1	5°1	2°5	°257	°299	68	83	E	1	SE	2	10	9	°042
22	'50	'47	49°2	50°9	47°6	56°0	2°2	2°6	°319	°308	92	83	S	1	SE	1	10	10	°030
23	'14	'13	53°5	49°2	48°9	55°8	2°7	3°7	°336	°264	82	75	SE	1	SE	2	10	10	°094
24	'38	'55	48°9	48°9	45°9	55°5	4°1	4°7	°252	°240	73	69	S	2	SE	1	8	8	°050
25	'73	'86	50°1	49°5	46°0	55°7	5°0	3°8	°246	°265	68	74	S	1	S	1	9	7	°052
26	'91	'88	48°8	49°4	42°3	59°6	3°1	3°2	°272	°276	79	78	E	1	E	2	10	8	—
27	29°96	30°01	43°4	43°3	42°3	51°8	1°4	4°9	°251	°184	89	65	E	1	E	1	10	0	—
28	30°08	'13	45°3	41°6	37°4	46°9	4°0	2°1	°218	°220	72	84	E	1	E	1	9	6	—
29	'16	30°12	44°0	45°6	35°8	52°2	3°8	5°4	°209	°196	72	64	NE	1	E	1	5	9	—
30	30°06	29°87	48°2	48°2	36°8	53°7	4°3	3°4	°229	°257	68	77	W	2	W	1	6	10	—
31	29°71	29°50	48°6	44°9	50°8	5°9	4°6	°215	°204	63	68	W	2	W	1	8	7	°082	°022 showers.
Mean	29°717	29°713	44°4	44°1	38°7	51°0	3°6	3°3	°220	°223	74°7	76°5	1°3	1°1	7°5	7°5	0°788		

COCKLE PARK (NEAR MORPETH).—APRIL 1902.

Height above Mean Sea Level, 324 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 41' W. Lat. 55° 13' N. Gravity Correction, +.026 in.

1	29°06'	29°17'	43°0'	37°0'	35°0'	49°0'	3°0'	2°0'	*215	*182	78	83	W	6	W	6	6	0	—	Fine day.	☼ (gale)
2	*35	*40	42°0'	37°0'	35°0'	50°0'	4°0'	3°0'	*190	*165	72	75	W	5	SW	5	2	0	—	Very fine a.	☼
3	*25	*09	44°0'	34°0'	31°0'	48°0'	5°0'	1°0'	*188	*176	65	89	SWbyS	5	NW	3	8	8	*090	☼ showers.	☼ n.
4	*17	*44	43°0'	39°0'	30°0'	50°0'	5°0'	4°0'	*181	*164	65	70	NWbyW	10	NW	4	2	0	—	Fine day.	☼ (gale).
5	*49	*54	41°0'	39°0'	31°0'	46°0'	3°0'	1°0'	*197	*218	77	92	NEbyN	2	NE	1	8	9	*012	Fine a. Dull p.	☼
6	*78	*92	44°0'	38°0'	33°0'	45°0'	4°0'	2°0'	*205	*190	71	83	NE	4	N	2	9	10	—	—	—
7	*99	*91	42°0'	37°0'	30°0'	47°0'	5°0'	3°0'	*174	*165	66	75	N	1	SW	3	1	0	—	Very fine a.	☼ ⁰ (mist) n.
8	*86	*86	42°0'	38°0'	32°0'	47°0'	4°0'	1°0'	*190	*208	72	91	E	1	SE	1	10	9	—	☼ a. Cloudy day.	☼
9	*88	*87	42°0'	37°0'	30°0'	45°0'	4°0'	4°0'	*190	*149	72	68	SW	1	SW	1	10	2	—	☼ a. Cloudy day.	Fine n.
10	*88	*86	45°0'	34°0'	27°0'	48°0'	6°0'	1°0'	*181	*176	60	89	SE	2	Caln	0	0	1	—	Very fine day.	☼
11	*74	*55	44°0'	39°0'	31°0'	45°0'	5°0'	2°0'	*188	*199	65	84	NE	2	E	4	3	10	*170	Very fine a.	☼
12	*41	*41	39°0'	40°0'	36°0'	45°0'	1°0'	0°0'	*218	*247	92	100	E	3	SE	2	10	10	*128	Overcast, with ☼.	☼
13	*44	*49	42°0'	43°0'	34°0'	50°0'	3°0'	3°0'	*207	*215	78	78	S	5	SW	5	7	4	*002	Fine day.	☼
14	*60	*55	49°0'	40°0'	37°0'	54°0'	4°0'	1°0'	*255	*226	73	92	SWbyS	3	SE	5	8	10	—	☼ a.	☼
15	*47	*29	42°0'	43°0'	34°0'	44°0'	1°0'	1°0'	*245	*255	92	92	Caln	0	NW	3	10	10	*545	Overcast, with ☼.	☼
16	*44	*55	49°0'	42°0'	41°0'	55°0'	4°0'	1°0'	*255	*245	73	92	NW	3	Caln	0	5	4	—	Fine day.	☼
17	*53	*58	50°0'	42°0'	38°0'	55°0'	5°0'	3°0'	*245	*207	68	78	NW	2	W	5	9	1	—	☼ a. Fine day.	☼
18	*64	*59	51°0'	45°0'	38°0'	57°0'	5°0'	2°0'	*255	*253	68	85	SW	1	SEbyS	3	1	10	—	Very fine a. Dull, with ☼ n.	☼
19	*52	*38	47°0'	48°0'	37°0'	51°0'	2°0'	2°0'	*275	*285	86	86	SE	3	SE	3	10	10	—	☼ ⁰ (mist) a. Dull, with ☼ n.	☼
20	*42	*42	57°0'	49°0'	41°0'	59°0'	7°0'	2°0'	*283	*298	81	86	SE	5	SE	3	6	10	*010	Very fine a. ☼. ☼ ⁰ 9p.	☼
21	*46	*44	51°0'	50°0'	45°0'	59°0'	3°0'	1°0'	*299	*334	80	93	S	4	SE	3	7	10	*070	☼ showers a. ☼ n.	☼
22	*12	*10	47°0'	48°0'	45°0'	52°0'	1°0'	2°0'	*298	*285	93	86	SE	4	S	2	10	4	*185	Dull day.	☼
23	*31	*45	50°0'	43°0'	38°0'	57°0'	3°0'	1°0'	*286	*255	80	92	S	4	SE	2	4	4	*055	Fine day. ☼ 4.30p.-6.30p. ☼ n.	☼
24	*64	*74	51°0'	46°0'	38°0'	59°0'	4°0'	3°0'	*276	*244	74	79	SW	2	W	2	8	2	—	Fine day.	☼
25	*76	*75	54°0'	43°0'	33°0'	56°0'	5°0'	0°0'	*288	*267	69	100	SE	3	N	1	1	10	—	☼ a. Beautiful day.	☼ ⁰ n.
26	*75	*81	44°0'	43°0'	39°0'	50°0'	2°0'	1°0'	*244	*255	84	92	NE	2	NE	1	8	10	—	Fine but cold day. Dull n.	☼
27	*99	*94	46°0'	41°0'	37°0'	48°0'	4°0'	1°0'	*225	*235	73	92	NE	2	E	1	7	7	—	Fine day.	☼
28	*98	*94	47°0'	37°0'	33°0'	49°0'	5°0'	1°0'	*214	*200	67	91	NE	2	NW	1	5	1	—	Beautiful day.	☼
29	*88	*70	51°0'	48°0'	33°0'	57°0'	7°0'	4°0'	*218	*243	58	73	NW	2	W	5	5	7	*035	Fine a. Dull afternoon.	☼
30	29°53'	29°28'	48°0'	44°0'	43°0'	57°0'	4°0'	2°0'	*243	*244	73	84	NWbyW	4	W	5	10	3	*002	Dull, with ☼ showers.	☼ 3.30p.
Mean	29°575	29°567	46°4	41°4	35°4	51°1	3°9	1°8	*231	*226	73°5	85°7	3°1		2°7	6°3	5°9	1°304			

SCARBOROUGH.—APRIL 1902.

Height above Mean Sea Level, 62 feet. Heights above Ground:—Bar., 65 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 24' W. Lat. 54° 18' N. Gravity Correction, +.025 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.				Cloud Amount.		Rain, 24 hours beginning	Remarks.
							Dep. of Wet.		Vapour Pressure.		Percentage.									
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
	ins.	ins.	°	°	°	°	1°	3°	in.	in.	%	%					ins.			
1	29°34	29°39	44°5	42°5	40°5	53°8	1°0	3°0	°270	°210	92	77	NW	2	W	6	10	3	—	Dull a. Fine p.
2	°58	°64	40°0	40°5	33°0	47°2	1°8	2°0	°211	°211	86	84	NW	3	SW	2	3	3	—	Fine and clear a. Dull p.
3	°58	°35	40°0	36°2	33°0	50°5	1°8	0°8	°211	°197	86	93	SW	3	W	3	6	4	°10	Dull, with squally
4	°46	°67	44°5	41°8	33°0	53°0	0°8	1°0	°275	°243	94	92	NW	4	NE	3	6	8	—	Fine, but windy.
5	°72	29°71	41°8	41°0	35°0	44°5	1°3	0°7	°237	°241	89	94	NE	1	NE	3	10	8	—	Dull day.
6	29°92	30°10	41°5	40°5	38°0	44°0	1°3	1°5	°234	°220	89	87	N	5	N	5	4	4	—	Fine, with X°.
7	30°20	°15	41°5	37°5	34°5	46°8	1°5	1°0	°230	°204	88	91	N	4	SE	1	8	4	—	Dull a. Fine p.
8	°10	°05	40°0	39°8	32°0	46°5	1°2	1°5	°222	°214	90	87	NE	1	E	3	6	6	—	Fine day.
9	°11	°11	40°0	38°0	27°0	46°5	1°5	1°0	°216	°208	87	91	NE	3	NE	2	4	3	—	Very fine.
10	30°11	30°02	42°5	39°5	27°5	46°8	1°3	1°5	°243	°212	89	87	NE	3	NE	3	8	4	—	ga. Dull a. Fine p.
11	29°94	29°72	41°5	40°5	37°5	44°5	1°5	0°5	°230	°240	88	96	NE	4	E	3	6	8	°06	Fine day. Dull evening.
12	°59	°64	41°5	43°0	38°5	47°0	0°7	1°2	°246	°251	94	90	E	2	S	2	10	10	°01	Overcast.
13	°71	°75	47°8	45°5	34°5	55°0	4°0	4°0	°241	°219	73	72	SW	4	SW	2	4	2	—	Very fine.
14	°87	°80	45°0	40°5	32°0	54°0	2°0	0°5	°254	°240	84	96	SW	2	SE	4	2	6	°05	Fine day. in evening.
15	°69	°51	42°5	44°0	38°0	45°5	0°5	0°5	°261	°276	96	96	NE	2	E	1	10	10	°34	ga. a. p.
16	°66	°77	47°8	43°5	41°5	50°0	1°6	1°5	°293	°249	88	87	NW	2	NW	1	10	4	—	Dull day.
17	°77	°80	43°0	46°5	32°2	55°2	1°8	2°0	°238	°269	86	85	SE	2	NE	1	4	4	°02	Very fine.
18	°90	°85	45°5	43°0	33°0	55°2	1°8	1°8	°263	°238	87	86	SW	3	SE	4	3	4	—	Dull at intervals.
19	°81	°68	45°8	48°8	40°0	58°2	1°3	1°3	°278	°311	90	90	S	3	SE	4	6	10	°01	Fine day. Overcast n.
20	°71	°70	56°8	54°0	47°0	63°5	3°3	1°8	°366	°366	80	88	SE	4	SW	5	4	8	°02	Fine a. Dull p.
21	°78	°71	52°0	53°8	43°8	62°0	1°5	1°0	°348	°385	89	93	SW	4	S	4	6	10	°10	Dull, with
22	°46	°36	50°2	52°0	47°5	57°2	0°7	0°8	°345	°366	95	94	S	6	S	3	10	8	°18	Fine day, but a p.
23	°57	°69	48°8	49°8	42°0	59°8	1°6	2°3	°304	°299	88	84	SW	4	SE	4	3	3	°02	Fine day. a shower.
24	°89	°95	50°0	49°0	42°0	61°5	2°2	1°5	°305	°309	85	89	SW	4	S	2	4	4	—	Fine day.
25	°99	°95	48°5	46°0	35°0	54°0	1°5	0°5	°304	°298	89	96	N	2	SE	1	3	8	—	Fine at intervals.
26	29°92	29°97	46°5	43°0	38°5	47°5	1°3	1°5	°286	°244	90	87	NE	4	NE	3	6	4	—	Fine day.
27	30°04	30°10	45°5	42°0	41°0	48°0	1°3	2°0	°274	°225	90	84	NE	3	NE	4	3	3	—	Very fine.
28	°17	30°15	44°5	43°0	40°5	47°5	1°7	2°0	°255	°234	87	84	E	4	NE	4	4	2	—	Fine day.
29	30°15	29°97	46°0	48°0	34°5	52°0	2°0	1°5	°264	°297	85	89	N	3	W	4	6	8	—	Dull at intervals.
30	29°78	29°61	48°5	43°5	39°5	55°5	1°3	1°2	°308	°256	90	90	NW	3	NW	3	6	4	°02	Dull at intervals.
Mean	29°816	29°795	45°1	43°9	37°1	51°8	1°6	1°4	°267	°258	88°1	88°6		3°1		3°0	5°8	5°6	0°93	

CRONKBORNE.—APRIL 1902.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29' W. Lat. 54° 10' N. Gravity Correction, +.024 in.

1	29.38	29.53	43.1	39.0	39.0	49.0	3.0	0.9	21.6	22.0	78	93	—	—	0.08	Fine day. D p.
2	66	67	44.2	40.6	36.5	48.6	2.9	2.1	22.8	21.1	78	84	—	—	0.052	— a. Fine day.
3	48	44	43.0	37.0	34.8	46.7	1.8	1.5	23.8	19.1	86	87	—	—	0.123	Squally (sleet) showers.
4	63	74	45.6	41.3	37.0	51.0	2.5	0.3	25.0	25.3	82	89	—	—	0.172	Squally a. Fine day. 9p.
5	29.68	29.79	41.2	38.4	38.4	47.8	1.5	1.7	22.7	19.9	89	87	—	—	0.021	— a. Fine p.
6	30.00	30.14	43.4	39.0	35.8	46.8	3.2	2.4	21.5	19.2	76	81	—	—	—	Very fine.
7	20	13	44.4	31.0	31.0	45.4	4.9	0.7	19.4	15.6	66	89	—	—	—	Very fine. D p.
8	05	03	43.5	36.6	29.2	48.5	2.9	0.3	22.1	21.1	78	98	—	—	—	— a. Dull, with (mist).
9	07	07	42.0	36.2	31.2	46.0	2.2	1.1	22.1	19.3	84	90	—	—	—	(mist) a. Fine p.
10	30.07	30.03	44.2	42.0	30.2	50.7	4.2	2.2	20.3	22.1	70	84	—	—	—	Very fine.
11	29.91	29.72	42.0	40.2	32.1	47.3	3.3	1.0	20.2	22.8	76	92	—	—	—	Fine day.
12	61	60	44.3	34.2	32.4	49.7	3.6	0.5	21.6	13.8	73	95	—	—	0.060	Fine day. showers n.
13	65	71	41.8	43.9	33.5	45.8	2.1	1.3	22.3	25.8	85	90	—	—	0.040	— showers.
14	76	70	47.7	38.7	36.8	51.6	1.3	1.4	29.9	20.8	91	89	—	—	—	Fine day.
15	63	56	47.4	44.4	32.1	55.0	3.7	1.2	24.3	26.5	75	91	—	—	—	(mist). Fine day.
16	73	77	51.2	45.2	37.2	54.8	4.2	0.9	27.4	28.0	73	93	—	—	0.046	Fine day.
17	78	83	49.0	44.2	42.8	54.3	2.3	1.4	29.1	25.9	84	89	—	—	—	Fine day. D p.
18	84	73	45.9	43.0	38.0	50.3	1.4	0.8	27.8	25.9	91	94	—	—	0.035	Fine day. D p. n.
19	59	56	45.0	49.0	42.2	52.7	0.3	1.2	29.2	31.7	98	92	—	—	—	— a. Dull day.
20	53	58	47.3	47.3	45.0	53.6	0.9	0.3	30.4	31.9	94	98	—	—	0.160	— showers.
21	68	50	50.8	48.3	46.0	52.8	1.2	0.3	34.1	33.1	91	98	—	—	0.750	Cloudy day. 9p.
22	13	22	48.0	47.0	47.0	50.3	0.1	1.2	33.2	29.3	99	92	—	—	0.148	Squally showers.
23	48	59	49.9	46.4	45.3	52.6	1.7	1.0	31.5	29.2	88	93	—	—	0.038	— showers.
24	81	93	48.7	44.0	44.0	52.7	1.0	0.3	31.9	28.1	93	98	—	—	—	Fine day. D p.
25	93	85	53.4	52.8	43.2	58.3	3.9	3.6	30.7	30.6	75	76	—	—	—	Fine day.
26	29.95	29.95	49.4	44.3	44.3	54.7	3.3	1.3	27.4	26.1	78	90	—	—	—	Very fine, with
27	30.03	30.07	46.8	43.2	40.2	51.7	3.4	1.8	24.3	24.6	77	86	—	—	—	Very fine, with squally
28	15	15	46.2	43.0	41.0	53.0	3.2	0.4	24.2	26.8	78	97	—	—	—	Fine day. D p.
29	30.15	30.01	53.4	45.3	33.3	56.5	6.1	0.3	25.9	29.5	64	98	—	—	0.068	Fine day.
30	29.86	29.63	50.8	47.0	44.1	53.2	2.1	0.2	31.9	31.8	86	99	—	—	0.162	— showers p.
Mean	29.778	29.774	46.5	42.4	38.1	51.0	2.6	1.1	26.0	25.1	81.9	91.4	—	—	—	

NOTE.—The hygrometrical values for Scarborough are somewhat doubtful.

STONYHURST.—APRIL 1902.

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

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.			9 a.m.	9 p.m.
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
	ins.	ins.							in.	in.	%	%					ins.	
1	29.75	29.75	41.8	39.8	39.8	47.7	0.8	2.0	24.7	20.6	94	84	SWbyW 2	W 2	10	0	.025	● a. Sunny p.
2	41	47	42.5	35.2	35.2	45.5	2.5	1.0	22.0	18.6	81	90	WbyS 3	Calm 0	9	0	—	Sunny intervals.
3	32	37	41.5	38.0	32.7	45.7	2.5	2.6	21.1	18.0	81	78	SbyW 2	W 4	10	10	.195	☀☀☀ p.
4	36	51	43.2	40.8	35.8	45.2	1.7	0.8	24.3	23.7	87	94	WSW 6	swbyW 1	10	10	.150	Squally ☀☀☀ p.
5	43	52	38.0	37.0	36.8	41.2	0.7	2.0	21.4	18.2	94	83	NbyN 1	NNW 1	10	0	.123	● showers.
6	74	92	40.0	37.4	32.9	46.2	3.0	0.4	18.9	21.5	76	96	N 1	NNE 1	5	8	—	Fine, but cold.
7	98	91	39.4	37.2	32.1	44.4	3.7	2.2	17.3	18.0	72	81	Calm 0	Calm 0	10	6	—	☼ ⁰ (mist) p.
8	85	82	37.3	40.5	29.2	46.2	2.3	3.8	17.9	18.0	81	71	NbyE 1	ENE 1	8	10	—	☼ ⁰ (mist) a. Dull day.
9	86	85	40.5	37.0	33.7	46.7	2.5	2.6	20.2	17.2	80	78	NNE 1	EbyN 1	8	0	—	☼ ⁰ (mist) a. Fine day.
10	84	80	40.5	35.0	23.8	48.3	3.3	2.0	18.8	16.4	75	80	NbyN 1	NNE 1	8	0	—	☼ ⁰ (mist) a. Fine and sunny.
11	65	49	42.4	37.5	30.9	47.5	3.4	2.1	20.3	18.4	75	82	NE 1	NE 1	9	8	—	Fine and sunny.
12	37	41	40.0	38.0	36.8	44.7	1.0	1.6	22.6	19.7	92	86	Calm 0	Calm 0	10	10	.185	—
13	47	54	40.0	43.5	34.1	50.7	1.2	3.3	22.2	21.4	90	75	SSW 3	SSW 2	10	9	—	☼ 7p.
14	60	50	48.5	46.0	36.5	55.7	4.5	5.0	23.9	20.7	70	67	SE 2	E 1	8	8	—	☼ ⁰ (mist) a. Fine day.
15	41	30	42.0	43.8	33.7	47.4	1.5	0.3	23.5	27.9	89	98	NbyE 1	SW 1	10	10	.880	☼☼☼ ⁰ (mist).
16	49	55	45.5	41.0	40.8	53.2	0.5	2.0	29.3	21.5	96	84	SW 1	Calm 0	8	5	.010	☼ a. Fine and sunny.
17	55	63	43.0	40.0	36.5	51.2	1.0	2.2	26.1	20.3	92	82	Calm 0	Calm 0	10	0	—	Fine and sunny.
18	65	55	47.0	48.0	33.3	56.2	0.7	3.5	26.0	25.3	81	76	N 1	SEbyE 1	0	7	—	☼ ⁰ (mist) a. Fine and sunny.
19	43	38	53.3	52.8	41.8	60.2	5.2	4.4	27.6	28.8	68	72	E 3	SbyE 4	10	10	.010	● showers p.
20	41	44	51.8	48.0	46.0	57.7	3.6	1.3	29.5	30.2	76	91	SE 5	SbyE 2	10	9	.125	● showers p.
21	51	40	51.0	52.0	44.8	57.5	3.5	2.4	28.8	23.5	77	84	SbyW 4	SE 3	9	10	.240	● p.
22	05	12	52.0	48.0	48.0	54.9	1.6	3.5	34.5	25.3	89	76	SEbyE 6	SbyE 3	10	8	.270	Squally ☀☀☀ showers.
23	29	44	51.0	46.5	43.3	55.9	4.0	2.5	27.6	25.9	74	82	SbyE 4	SE 2	8	10	.090	Sunny a. Distant ☼☼☼ showers p.
24	64	74	51.0	47.8	43.5	55.7	4.2	1.8	27.2	28.8	73	87	SbyW 2	Calm 0	7	3	—	—
25	71	67	54.0	50.0	40.5	60.6	4.0	5.0	31.0	24.5	74	68	N 1	NNW 2	8	4	—	☼ ⁰ (mist) a. Fine and sunny.
26	65	70	46.0	41.0	41.0	53.7	3.0	2.7	24.4	20.2	79	79	NE 2	N 2	2	9	—	Fine and clear.
27	77	80	48.0	41.0	36.8	53.9	5.2	3.4	22.0	19.0	66	74	NbyN 3	NE 3	3	3	—	Fine and sunny.
28	91	92	45.7	40.0	38.5	52.1	5.1	2.7	20.2	19.4	66	78	NE 3	NE 1	9	0	—	Fine and clear.
29	92	78	46.0	45.7	31.8	52.7	5.0	2.8	20.7	24.5	67	80	SbyW 1	WbyS 1	8	9	.015	Fine and sunny.
30	29.59	29.37	48.0	46.2	43.5	51.3	3.6	0.3	25.1	30.7	75	98	W 3	WbyS 4	9	10	.165	● p.
Mean	29.567	29.563	45.1	42.5	37.3	51.0	2.9	2.4	24.0	22.5	79.7	81.8	2.1	1.5	8.4	5.7	2.478	

CHURCHSTOKE.—APRIL 1902.

Height above Mean Sea Level, 538 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5' W. Lat. 52° 31' N. Gravity Correction, +.018 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.		
							Dep. of Wet.		Vapour Pressure.								Percentage.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	48.3	34.7	33.7	50.7	0.5	1.0	in.	in.	%	%	WSW 2	W 1	10	0	ins.	Dull and mild, with ☉. Bright p.
2	28.97	29.13	48.3	34.7	33.7	50.7	0.5	1.0	1.37	1.81	96	90	W 2	W 1	8	10	—	
3	29.25	28	43.1	35.7	27.8	48.1	3.9	1.0	1.99	1.89	72	91	NW 4	NW 2	9	6	1.20	Squally 2.2 storms.
4	29.18	29.11	42.6	34.7	30.6	50.9	3.9	1.0	1.96	1.81	72	90	W 2	W 1	10	10	2.02	Dull, with ☉. Bright p.
5	29.29	29.35	41.4	40.6	34.6	49.5	2.5	1.5	2.10	2.22	80	87	W 3	NW 1	10	10	1.40	Steady ☉.
6	29.14	29.33	47.3	31.9	31.2	53.0	0.6	0.2	3.11	1.75	95	97	NE 3	NW 1	8	6	0.05	Cold wind.
7	29.54	29.68	41.6	33.7	31.8	47.1	3.9	1.0	1.86	1.72	71	89	SE 2	SE 1	5	0	—	Cold wind.
8	29.75	29.69	44.1	34.9	26.8	48.0	6.3	2.0	1.70	1.65	59	81	E 2	W 1	9	0	—	Cloudy, with ∞.
9	29.62	29.57	40.8	35.7	30.8	47.1	2.9	1.0	1.97	1.89	77	91	E 3	SE 1	6	0	—	Cold wind. ∞
10	29.61	29.60	42.1	32.1	28.8	47.1	3.9	1.0	1.91	1.58	71	87	N 3	E 4	10	5	—	Dull, with very cold wind.
11	29.57	29.53	36.7	36.6	27.8	42.1	2.5	3.9	1.71	1.48	78	68	E 3	N 1	6	5	—	Bright. Cold wind.
12	29.39	29.33	41.6	37.8	29.1	49.1	4.1	1.9	1.84	1.90	69	84	NW 1	Calm	10	0	0.05	Cloudy, with ∞. ☉.
13	29.18	29.25	38.6	34.7	34.6	49.6	1.7	1.6	2.00	1.70	86	84	W 2	NE 1	2	0	—	Fine and bright.
14	29.31	29.38	43.6	38.4	31.3	57.5	1.9	1.7	2.41	1.99	85	86	SE 2	SSE 1	5	2	—	☉. Bright and sharp.
15	29.39	29.46	49.5	39.6	30.0	56.5	5.7	2.3	2.26	1.98	63	81	Calm	SSE 2	10	10	4.50	☉☉☉, with steady ☉.
16	29.18	29.15	36.6	41.6	30.4	44.0	0.4	0.9	2.08	2.43	96	93	SW 2	WSW 1	6	9	—	Bright.
17	29.29	29.35	50.7	43.8	33.2	58.2	4.5	2.1	2.62	2.39	71	83	W 2	W 1	8	2	—	Cloudy, with ∞.
18	29.35	29.43	49.5	38.6	37.8	58.0	4.3	1.3	2.53	2.08	71	89	W 2	NW 1	5	1	0.30	☉. Bright and sharp.
19	29.42	29.34	41.1	43.1	30.7	60.6	1.4	3.4	2.28	2.08	88	76	SE 3	SSW 2	10	4	0.30	Squally.
20	29.19	29.21	46.5	48.1	39.0	58.1	1.8	2.4	2.74	2.78	87	82	SW 2	SW 3	10	5	2.50	☉☉ showers. Lunar ☾.
21	29.18	29.28	51.5	47.7	41.8	61.1	1.6	3.0	3.39	2.61	89	79	SW 3	SE 5	5	10	3.70	Bright and fresh a. Dull, with ☉.
22	29.35	29.12	53.7	49.9	43.8	57.3	3.9	0.7	3.11	3.40	75	95	SE 6	SW 2	10	5	1.45	☉☉ showers. ☾☉☉ p.
23	28.76	28.96	50.2	46.4	46.0	58.1	1.4	2.7	3.27	2.54	90	80	SW 2	SSW 1	6	8	3.80	T. Bright and breezy.
24	29.10	29.28	51.6	42.6	40.8	56.6	5.4	0.9	2.53	2.53	66	93	E 2	SE 2	8	4	—	Bright and breezy.
25	29.44	29.45	50.0	44.1	38.3	62.0	3.5	1.8	2.75	2.49	76	86	SE 3	E 2	8	5	—	Dull day. Cool wind.
26	29.47	29.37	50.5	50.2	36.1	62.0	5.8	5.5	3.03	2.37	66	65	E 4	E 3	8	0	—	Bright, with cool wind. ∞
27	29.36	29.41	44.7	39.8	39.7	56.5	0.0	2.3	2.96	1.99	100	81	NE 3	NE 3	9	0	—	Cloudy, with cold wind.
28	29.46	29.44	48.7	39.6	37.8	53.5	6.8	3.3	1.99	1.81	58	74	N 2	NW 1	2	7	—	☉☉☉
29	29.63	29.67	43.6	36.8	35.8	53.1	4.9	2.9	1.87	1.66	66	76	W 2	W 3	10	8	0.25	Cloudy day.
30	29.71	29.60	45.6	44.6	28.7	54.9	4.9	3.7	2.04	2.17	66	73						
Mean	29.350	29.360	45.7	40.1	34.4	53.5	3.3	2.0	2.39	2.12	77.2	84.1	2.4	1.7	7.6	4.7	2.172	

ST. DAVID'S, PEMBROKE.—APRIL 1902.

Height above Mean Sea Level, 215 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 16' W. Lat. 51° 53' N. Gravity Correction, +.018 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.	
							Dep. of Wet.		Vapour Pressure.								Percentage.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
	ins.	ins.							in.	in.	%	%				ins.	
1	29.36	29.51	47.5	44.0	41.4	49.1	0.0	2.5	.329	.324	100	81	WSW 3	WNW 2	10	1	☁ ⁰ 1a.-noon.
2	29.64	29.65	43.3	39.0	37.1	46.8	2.6	2.0	.225	.199	80	84	N 3	Calm	0	10	—
3	29.56	29.50	44.4	39.7	37.3	49.9	2.7	3.0	.234	.188	80	76	SW 3	N 7	10	1	☁ ⁰ 5p. Squally p.
4	29.74	29.74	44.8	43.0	39.1	49.2	3.3	0.0	.226	.277	77	100	W 6	SW 4	5	10	☁ ⁰ 292 Sunny a. p.
5	29.55	29.68	47.5	41.4	40.5	50.1	0.6	1.0	.314	.240	95	92	WSW 5	NNE 5	5	1	☁ ⁰ 404 Sunny intervals.
6	29.90	30.01	43.5	38.5	37.2	49.3	2.8	1.7	.223	.199	78	86	NNE 3	SW 2	5	0	—
7	29.09	30.04	42.8	39.5	35.2	46.5	2.1	1.8	.231	.207	84	86	E 3	SSE 2	0	2	—
8	29.96	29.89	43.0	43.5	37.0	49.8	1.7	1.0	.240	.260	86	92	SE 4	Calm	0	10	—
9	29.93	29.93	45.6	36.5	35.1	50.1	4.0	0.9	.221	.198	73	92	NE 3	NE 1	6	2	—
10	29.90	29.83	38.9	35.5	31.8	47.3	3.2	1.7	.177	.176	76	85	NE 6	NE 4	8	0	—
11	29.71	29.57	41.6	38.0	32.0	48.6	2.5	0.5	.212	.218	81	96	NE 6	NE 5	1	1	—
12	29.55	29.60	44.9	41.7	33.3	50.3	3.4	1.8	.225	.227	76	87	NE 2	NW 2	1	1	—
13	29.69	29.73	47.3	44.5	41.2	52.4	3.8	1.0	.240	.271	74	92	W 4	SW 4	1	5	—
14	29.70	29.60	45.7	39.6	39.4	54.1	0.4	0.1	.299	.242	97	99	SE 3	SE 1	7	5	—
15	29.53	29.56	45.6	43.9	38.2	51.2	2.1	1.4	.259	.256	85	89	N 4	WNW 2	8	0	—
16	29.67	29.70	48.5	44.5	43.4	56.1	2.5	0.0	.280	.294	82	100	SE 2	Calm	0	8	—
17	29.73	29.80	48.5	44.7	44.1	54.2	1.0	0.0	.316	.296	93	100	WNW 2	Calm	0	4	—
18	29.75	29.60	49.9	47.5	43.8	52.3	1.4	1.9	.323	.283	91	86	SSE 4	SE 6	5	4	—
19	29.39	29.44	46.7	46.5	45.2	51.7	0.2	0.0	.315	.317	99	100	SE 6	S 6	10	0	—
20	29.48	29.51	51.5	46.7	46.1	53.2	1.0	0.4	.354	.310	93	97	SSW 5	SSW 6	1	2	—
21	29.67	29.50	48.5	48.1	46.2	51.1	2.8	0.0	.274	.336	81	100	SSE 3	SE 8	10	10	—
22	29.01	29.33	48.5	47.0	46.1	52.5	0.0	0.5	.342	.311	100	97	SSE 5	SSW 6	10	5	—
23	29.37	29.51	51.5	45.7	44.1	52.8	1.8	1.0	.334	.285	88	94	S 5	SSW 4	7	4	—
24	29.76	29.86	52.0	47.3	45.0	55.0	1.5	0.0	.348	.327	90	100	SSE 4	SSE 3	2	5	—
25	29.78	29.64	51.5	49.5	46.9	58.6	3.0	2.0	.305	.304	80	87	SE 4	ESE 4	7	6	—
26	29.58	29.81	54.5	45.1	44.1	55.4	4.9	2.1	.297	.252	70	84	ENE 6	NE 6	9	0	—
27	29.72	29.81	47.3	44.5	38.8	57.8	2.8	4.1	.261	.209	81	70	NE 7	NE 5	8	1	—
28	29.92	29.92	46.5	43.7	37.2	53.1	3.3	3.4	.242	.214	77	75	NE 6	NE 4	1	0	—
29	29.09	30.02	49.7	45.0	33.1	53.3	5.2	1.5	.239	.264	67	89	NNE 3	NW 4	0	6	—
30	29.87	29.72	48.3	49.2	33.0	54.1	0.2	1.0	.333	.324	92	93	WNW 4	WNW 5	9	9	—
Mean	29.687	29.691	47.0	43.4	39.8	51.9	2.2	1.3	.274	.257	84.4	90.3	4.1	3.6	5.9	3.6	1.781

CAMBRIDGE.—APRIL 1902.

Height above Mean Sea Level, 83 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 9½ inches.
Long. 0° 6' E. Lat. 52° 13' N. Gravity Correction, +.019 in.

1	29.47	29.57	50.9	39.0	37.9	58.0	3.1	3.2	*295	*178	80	76	SW 6	NW 1	10	0	—	
2	29.73	29.78	46.9	40.1	32.1	53.7	4.2	2.7	*228	*195	72	78	NNW 3	NW 1	0	10	—	1 a.
3	29.73	29.55	42.0	39.2	30.5	54.5	2.3	1.0	*220	*220	83	92	S 2	W 5	10	10	☉ showers n.	☉ showers n.
4	29.73	29.86	45.8	43.6	34.0	55.1	4.0	3.6	*223	*209	73	74	W 7	SW 1	0	10	☉ (gale) till 5p.	Sunny day.
5	29.60	29.60	42.3	37.3	36.2	56.0	0.4	0.3	*262	*216	97	97	S 1	NW 5	10	10	☉ showers.	☉ (gale) ☉ n.
6	29.90	30.15	41.8	38.8	33.8	48.4	3.1	1.8	*204	*201	78	85	N 6	N 4	7	1	☉ (gale) all day.	☉
7	30.26	30.23	42.0	39.7	32.6	46.5	2.4	2.6	*218	*194	82	79	N 1	NE 1	10	10	—	
8	29.17	29.10	43.4	38.0	29.8	49.9	5.1	2.5	*182	*182	65	79	NE 1	E 1	10	1	—	Fine day.
9	29.12	29.09	44.1	39.3	26.6	49.2	3.0	3.0	*225	*183	77	77	E 1	E 4	3	10	—	1 a.
10	30.05	30.00	41.3	36.4	33.6	50.4	3.5	1.7	*192	*184	75	85	NE 3	NE 3	10	5	—	
11	29.83	29.70	47.0	41.1	31.7	51.4	3.7	0.9	*239	*238	75	93	NNE 5	NNE 3	7	10	☉ n.	
12	29.68	29.74	43.3	46.2	39.1	53.7	0.3	1.2	*273	*285	98	92	SW 1	NNW 1	10	10	☉ n.	
13	29.85	29.90	48.3	41.2	35.2	59.3	6.0	2.7	*209	*205	62	80	W 2	SW 1	0	0	—	1 a. Clear and sunny all day.
14	29.93	29.79	51.3	43.0	29.1	62.3	5.6	1.7	*246	*240	66	86	SW 1	E 2	5	10	☉ a.	
15	29.61	29.58	49.0	50.8	41.8	60.7	0.1	1.9	*345	*324	99	87	NE 2	S 4	10	10	☉ 7a.-10a.	Cloudy day.
16	29.78	29.82	49.7	49.9	40.6	59.6	3.4	1.2	*275	*328	77	92	NW 1	NE 2	10	10	—	
17	29.85	29.91	45.7	47.4	37.8	63.8	0.3	1.6	*301	*288	98	89	Calm 0	N 1	10	0	☉ shower n.	
18	29.97	29.91	47.8	46.9	34.9	65.3	0.5	1.0	*330	*298	96	93	N 1	SE 1	5	0	☉ a. Fine and sunny.	
19	29.82	29.80	60.0	57.0	38.3	69.6	7.0	4.6	*321	*337	62	72	S 5	S 2	10	10	☉ a. Fine day.	
20	29.83	29.88	55.1	51.9	44.3	64.2	3.0	2.1	*351	*331	81	87	S 3	S 3	10	10	☉ a. ☉ showers.	☐ [day.
21	29.96	29.84	56.0	53.3	43.1	62.3	5.1	3.1	*315	*333	70	79	SW 5	SE 3	10	10	☉ 8a.-noon.	
22	29.51	29.54	54.3	48.7	47.8	58.1	1.9	1.6	*368	*304	87	89	SSE 4	S 2	10	7	☉ a. ☉ shower noon.	Sunny
23	29.70	29.84	55.0	47.2	41.0	61.1	4.8	2.3	*307	*271	71	84	S 3	S 3	1	5	☉ a. Sunny day.	
24	30.00	30.05	56.3	47.1	40.7	65.6	5.1	3.1	*318	*262	69	78	SW 2	SW 1	0	0	☉ a. Sunny day.	
25	30.00	29.92	59.8	48.0	37.9	68.7	5.6	2.7	*351	*270	68	81	E 2	E 2	5	0	☉ (gale).	
26	29.85	29.87	46.7	44.2	39.3	57.0	2.1	2.2	*270	*242	85	83	E 3	NE 5	10	10	☉ (gale).	
27	29.93	29.93	53.0	41.8	39.8	58.6	7.8	2.1	*224	*223	56	85	NE 6	NE 5	0	0	☉ (gale).	Clear and sunny.
28	30.10	29.13	49.0	37.3	34.2	55.3	6.2	2.1	*214	*183	61	83	NE 3	NE 4	0	0	☉ (gale).	Clear and sunny.
29	30.16	30.09	46.9	43.9	30.9	55.3	3.4	2.1	*245	*242	78	84	N 3	N 1	10	10	—	
30	29.90	29.72	53.2	49.7	38.4	56.3	4.2	4.1	*297	*261	73	73	W 1	W 4	10	10	☉ n.	
Mean	29.873	29.867	48.9	44.3	36.4	57.7	3.6	2.2	*268	*247	77.1	83.7	2.8	2.5	6.9	6.1	0.940	

SOUTHAMPTON.—APRIL 1902.

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24' W. Lat. 50° 55' N. Gravity Correction, +016 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.		
							Dep. of Wet.		Vapour Pressure.								Percentage.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
	ins.	ins.							in.	in.	%	%				ins.		
1	29°56	29°60	50°8	47°9	47°7	55°2	2°9	2°4	2°99	2°76	80	84	WSW 3	NE 3	10 10	008	Fine, but cloudy.	
2	77	80	48°1	43°3	34°5	52°3	5°1	2°3	2°23	2°31	66	82	NE 3	NE 3	5 10	—	☁ a. Fine and sunny.	
3	76	69	44°0	44°3	38°3	56°2	1°9	2°9	2°46	2°29	85	78	NE 3	SW 4	10 0	088	☁ a. Sunny day. (force 8)	
4	90	95	47°4	45°5	35°4	55°5	5°0	4°3	2°19	2°14	67	70	WNW 5	W 4	5 10	020	Fine and sunny. [rep.]	
5	81	29°71	47°4	45°7	41°8	52°5	0°9	2°3	3°06	2°56	94	84	SW 5	W 5°5	10 7	035	☁ showers.	
6	29°99	30°16	46°0	41°0	34°8	52°8	4°9	3°2	2°09	1°94	68	76	N 6	NE 3	1 0	0	—	Fine and bright, with cold wind.
7	30°27	23	45°0	42°4	30°6	51°2	5°2	2°9	1°94	2°12	65	79	NE 4	SE 4	5 10	—	☁ a. Fine and bright, with cold	
8	17	08	42°1	40°1	36°0	46°3	4°7	2°3	1°79	2°02	67	81	ENE 4	SE 3	10 5	—	Dull and cold. ☁ (mist) p. [wind.]	
9	30°06	30°04	44°9	39°4	35°3	50°2	4°2	3°1	2°11	1°82	70	76	ENE 4°5	E 4	10 0	—	Cloudy and cold.	
10	29°97	29°92	45°1	39°2	34°0	51°2	4°9	3°3	1°99	1°77	66	75	NE 5	NE 6	1 0	—	Sunny day.	
11	76	67	41°3	43°7	36°4	52°4	2°7	0°7	2°06	2°69	79	94	NE 5	NE 3	10 10	185	(force 7) in past n. ☁ from 4p.	
12	68	76	42°4	45°5	40°3	49°8	0°7	1°4	2°54	2°72	94	90	NE 2°5	NW 2°5	10 10	020	☁ till 10a. ☁ (mist) p.	
13	89	92	50°0	44°1	33°9	57°4	4°2	2°4	2°61	2°37	73	81	NW 3	SW 3	0 0	—	☁ a. Beautiful day. ☁ p.	
14	90	73	50°4	48°8	33°4	58°2	6°5	3°8	2°21	2°57	61	74	SE 4	NE 3	7 10	382	☁ a. Beautiful day. ☁ p.	
15	55	65	46°2	46°9	43°5	54°6	0°5	0°9	3°02	2°99	97	94	NE 3	SW 3	10 10	120	☁ 4a.-10a. Dull day.	
16	81	84	49°0	50°6	40°1	61°2	1°9	3°3	3°00	2°87	87	78	NW 3	SW 3	10 7	—	Fine and pleasant. ☁ p.	
17	88	95	54°1	47°9	38°6	62°9	5°0	2°3	2°89	2°78	69	84	WSW 2	W 2	0 0	010	Beautiful day. ☁ p.	
18	97	90	53°1	48°5	37°1	61°6	4°2	3°2	2°96	2°66	73	78	W 2	S 3	1 0	—	☁ a. Beautiful day.	
19	77	80	53°1	51°8	44°3	60°0	3°7	1°9	3°07	3°36	75	87	SE 5	SSW 2°5	10 10	008	Fine, but cloudy. ☁ p.	
20	29°84	29	56°6	51°3	48°0	59°2	4°5	1°4	3°35	3°42	73	90	SW 5	SW 4°5	3 10	020	Fine day. [rep.]	
21	30°00	79	52°8	53°6	49°0	59°7	1°9	3°7	3°48	3°12	87	76	SW 4	SE 5	10 10	550	☁ showers a. ☁ (force 7) from	
22	29°43	59	51°0	48°6	48°4	55°3	0°9	1°2	3°51	3°12	94	92	SE 6	SW 3°5	10 0	160	☁ till noon. Fine p. ☁ p.	
23	29°71	29°84	54°2	50°0	46°6	58°4	4°3	3°0	3°06	2°86	73	80	SW 4	SW 4°5	7 10	105	Beautiful day. ☁ 9p.-10p.	
24	30°02	30°08	56°5	49°2	45°2	62°7	4°2	2°0	3°41	3°01	74	86	SW 3	SW 3	5 1	—	Beautiful day. ☁ p.	
25	29°99	29°82	58°7	55°2	37°7	63°9	9°4	7°0	2°56	2°63	51	60	SE 3	SE 5	5 8	—	Beautiful day till 3p.	
26	72	75	50°6	46°7	46°5	60°8	4°3	3°4	2°65	2°42	72	77	NE 4°5	NE 6	10 10	—	Bright midday.	
27	79	29°88	51°3	46°7	44°7	61°0	5°4	5°9	2°50	1°98	67	62	NE 6	NE 6	10 1	—	(force 7) all day. Bright midday.	
28	29°99	30°06	52°4	43°7	39°2	58°4	8°2	5°9	2°10	1°72	54	60	ENE 5°5	NE 4	0 0	—	Sunny, but with cold wind.	
29	30°17	30°14	49°6	47°6	34°6	54°2	5°8	3°6	2°26	2°47	64	75	NE 3°5	NW 2°5	5 5	—	Sunny day. ☁ (mist) p.	
30	29°99	29°84	49°6	51°3	40°0	56°1	3°3	4°8	2°76	2°63	78	70	NW 3	NW 3	10 10	015	Dull and cloudy.	
Mean	29°871	29°870	49°5	46°7	39°9	56°4	4°0	3°0	2°63	2°54	74°1	79°1	4°0	3°7	6°7	5°8	1°726	

PLYMOUTH.—APRIL 1902.

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 0 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 4° 8' W. Lat. 50° 22' N. Gravity Correction, +015 in.

1	29°55	29°55	48°6	44°5	37°5	52°2	1°2	4°4	3°12	2°03	92	69	WSW	N	3	10	3	—	Fine, but cloudy.
2	71	76	46°4	41°6	41°6	49°2	5°4	1°9	2°03	2°24	65	86	ENE	E	3	8	10	—	Fine, but cloudy.
3	73	75	44°5	41°6	38°6	52°8	3°3	1°7	2°23	2°28	75	87	N	W	5	9	2	—	Cloudy, then sunny.
4	91	93	46°1	43°9	39°9	52°1	4°1	0°6	2°24	2°69	72	95	W	W	2	8	10	11	Sunny intervals. ☁ n.
5	75	29°78	47°9	42°9	42°9	56°2	0°2	2°5	3°28	2°24	99	82	WSW	N	4	10	8	07	☁ showers. Bright intervals.
6	29°97	30°10	44°7	42°8	35°6	51°5	3°2	1°8	2°27	2°36	77	86	N	Calms	0	0	0	—	Fine and sunny all day.
7	30°17	15	44°3	39°9	37°8	46°2	4°9	2°0	1°93	2°07	65	84	E	Calms	0	4	0	—	Fine day.
8	30°05	30°01	44°9	39°6	39°6	47°2	3°4	2°0	2°25	2°04	76	84	SE	SE	1	10	0	—	Fine day.
9	29°97	29°95	41°5	42°0	35°9	47°6	3°2	4°4	1°98	1°84	76	70	ENE	NE	4	9	0	—	Fine day.
10	90	84	40°4	42°0	36°9	50°4	4°4	4°3	1°69	1°85	67	70	ENE	ENE	5	6	0	—	Fine day.
11	69	62	43°4	44°0	37°0	48°9	4°4	1°1	1°93	2°63	69	91	ENE	ENE	2	9	10	11	Overcast all day. ☁ in evening.
12	63	74	45°2	42°7	41°0	52°7	2°8	2°0	2°39	2°32	80	85	Calms	Calms	0	8	0	—	Fine and sunny.
13	83	88	46°2	44°8	31°2	50°9	3°9	2°5	2°29	2°41	74	81	Calms	Calms	0	0	0	—	Beautifully fine all day.
14	78	68	49°9	46°6	35°3	55°9	6°1	6°3	2°23	1°90	62	60	E	N	3	6	4	—	Fine and sunny.
15	55	67	48°0	45°7	41°2	54°0	6°6	3°0	1°96	2°41	59	79	N	NW	2	10	10	—	Fine day.
16	78	83	49°1	45°5	39°0	57°9	2°8	1°7	2°22	2°66	80	88	Calms	Calms	0	6	0	—	Fine and sunny.
17	84	94	50°6	46°3	38°0	55°7	2°2	2°9	1°33	2°49	85	80	Calms	NNW	2	9	3	—	Fine and sunny.
18	89	77	52°3	49°1	34°9	54°9	4°5	2°8	2°02	2°82	71	80	S	SE	6	3	4	18	Beautifully fine all day.
19	58	68	50°8	49°2	48°0	53°3	1°2	0°8	3°41	3°29	91	95	SSE	SSW	5	10	3	13	Overcast most of day.
20	67	81	51°8	49°6	48°2	53°5	1°2	1°2	3°54	3°34	91	92	SSW	SW	4	9	6	07	☁ in evening.
21	87	60	50°2	53°3	49°0	55°2	0°3	3°5	3°56	3°38	98	83	SW	SSE	7	10	10	90	☁ in evening.
22	24	48	51°2	49°1	48°9	53°9	1°3	1°9	3°43	3°02	91	86	SW	SW	5	9	5	—	Fine and sunny.
23	57	29°71	51°5	49°3	47°9	53°6	2°4	2°2	3°20	2°96	84	85	SSW	SSW	5	3	7	01	Sunny day. ☁ shower n.
24	91	30°00	52°8	48°9	47°2	55°9	1°9	0°9	3°48	3°23	87	94	SSW	E	3	3	3	—	Fine and sunny all day.
25	86	29°67	52°3	54°0	45°0	56°0	4°6	6°3	2°78	2°61	71	63	ESE	ESE	7	10	10	34	—
26	56	65	53°9	51°8	48°8	55°9	7°1	6°5	2°46	2°35	59	62	E	ENE	6	9	10	—	—
27	67	77	48°4	50°9	45°1	56°2	4°1	8°5	2°46	1°93	73	52	NE	ENE	7	9	10	—	—
28	29°90	29°99	47°5	48°6	41°1	57°1	6°9	8°8	1°87	1°68	57	49	E	ENE	6	2	0	—	Fine and sunny all day.
29	30°12	30°14	48°0	45°9	38°2	53°9	7°0	3°9	1°89	2°26	57	73	E	NNE	2	4	0	—	Fine and sunny all day.
30	30°01	29°90	51°5	51°0	42°1	55°4	4°5	3°9	2°71	2°78	71	75	NW	NW	4	9	10	—	Fine and sunny.
Mean	29°788	29°810	48°1	46°2	41°1	53°2	3°6	3°2	2°58	2°47	75°8	78°9	4°1	3°3	7°1	4°6	1°92		

ARMAGH.—APRIL 1902.

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

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.			9 a.m.	9 p.m.	
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.							
	ins.	ins.	°	°	°	°	°	in.	in.	%	%					ins.			
1	29.32	29.51	46.3	36.6	36.6	52.0	4.5	2.2	.218	.176	70	82	W	3	W	2	7	0	.010
2	.61	.55	45.6	40.4	34.2	53.1	1.0	3.0	.283	.192	93	77	W	2	SW	3	8	0	.010
3	.37	.42	41.6	35.8	35.7	46.0	3.0	1.2	.204	.189	78	90	SW	3	SW	3	7	10	.233
4	.60	.66	46.0	43.0	33.0	52.8	3.3	3.0	.238	.215	77	78	W	3	W	1	8	10	.088
5	.63	29.78	42.6	38.1	38.1	49.3	1.2	3.0	.247	.174	90	75	NNE	1	N	0.5	10	0	—
6	29.96	30.08	41.6	36.6	29.8	50.0	3.0	3.6	.204	.153	78	70	ENE	2	ESE	1	4	0	—
7	30.09	30.03	43.5	39.4	30.0	49.0	4.9	2.1	.186	.201	66	83	SE	3	SE	3	0	9	—
8	29.97	29.97	43.8	40.6	38.8	46.0	4.0	4.0	.204	.177	72	70	SE	2	SSE	1	10	10	—
9	30.00	30.00	41.0	40.0	31.0	51.0	1.8	1.4	.219	.218	86	89	SSE	0.5	NE	1	0	9	—
10	30.00	29.96	39.6	38.4	30.5	52.0	0.0	1.4	.243	.204	100	88	NE	1	NE	0.5	10	8	—
11	29.85	.65	43.3	38.6	32.5	53.0	3.5	1.3	.208	.209	75	90	E	1	NNE	0.5	9	10	.180
12	.57	.48	37.3	37.1	29.0	50.6	0.7	1.3	.209	.195	94	88	NNE	0.5	SSW	1	1	10	.185
13	.53	.56	38.6	39.8	34.8	51.0	0.3	2.8	.228	.191	97	78	SSW	2	SSW	3	10	0	.144
14	.59	.59	47.4	45.3	39.0	55.8	4.7	2.8	.224	.241	69	80	S	4	SW	1	5	10	.016
15	.58	.54	41.6	45.6	34.4	57.8	0.3	5.6	.257	.193	97	63	SW	0.5	WNW	0.5	2	7	—
16	.66	.68	46.8	46.2	35.8	55.2	2.4	6.6	.264	.182	83	58	WSW	1	SSW	2	4	9	—
17	.69	.73	46.6	43.6	38.0	57.2	3.0	4.2	.250	.190	79	70	SW	3	SW	1	4	0	—
18	.68	.55	49.3	46.3	36.0	54.0	4.2	3.2	.254	.243	72	78	S	3	SSE	3	1	9	.148
19	.39	.33	46.2	46.6	45.1	53.4	1.2	5.4	.285	.205	92	64	SE	4	SSE	4	10	5	.110
20	.31	.39	49.2	48.5	45.9	56.0	3.0	1.9	.278	.294	79	86	S	4	S	3	10	9	.118
21	29.53	29.24	51.4	48.0	47.0	58.0	3.4	1.2	.295	.304	78	92	SW	4	SSE	4	10	10	.370
22	28.89	28.96	49.6	46.3	46.3	58.1	0.3	3.2	.348	.243	98	78	SE	3	S	4	10	10	.304
23	29.25	29.41	47.8	46.3	43.4	53.5	1.2	2.3	.303	.261	91	84	S	4	SSE	3	2	2	.067
24	.65	.81	51.3	48.6	42.0	58.3	4.7	1.9	.265	.297	71	87	SSW	3	S	1	8	9	.090
25	.84	.77	52.6	48.0	43.9	57.9	3.0	4.2	.318	.239	80	72	SSE	2	ENE	2	0	8	—
26	.83	29.91	50.5	44.6	42.5	55.9	4.0	3.8	.271	.215	74	73	ENE	3	ENE	3	2	0	—
27	29.99	30.04	46.0	42.4	34.6	52.7	6.4	4.4	.184	.186	59	70	ENE	3	NE	2	2	0	—
28	30.09	30.10	45.4	42.0	36.9	51.9	4.8	4.7	.204	.179	68	68	ENE	2	NE	1	8	0	—
29	30.10	29.95	47.1	49.4	36.0	59.5	2.0	4.0	.276	.259	86	73	NE	0.5	WNW	1	0	10	.132
30	29.83	29.63	51.2	48.1	43.1	53.0	4.3	0.5	.272	.324	72	96	WNW	2	WNW	2	10	10	.053
Mean	29.680	29.676	45.7	43.0	37.5	53.5	2.8	3.0	.248	.219	80.8	78.3	2.3		1.9	5.7	6.1	2.258	

DUBLIN (PHOENIX PARK).—APRIL 1902.

Height above Mean Sea Level, 155 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 21' W. Lat. 53° 22' N. Gravity Correction, +0.022 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.					Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.			9 p.m.
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
1	ins.	ins.	42.5	40.0	38.6	50.8	1.6	3.2	.238	.186	87	75	W	1	Calm	0	ins.	Cloudy day.
2	29.44	29.58	42.5	40.0	38.6	50.8	1.6	3.2	.238	.186	87	75	W	1	Calm	0	.005	Fine, but cloudy.
3	29.49	29.57	43.3	33.7	33.3	49.6	2.8	1.4	.222	.165	79	85	SW	2	W	1	.105	Cloudy, with ☼☾ showers.
4	29.72	29.73	44.2	40.6	33.2	49.8	4.2	1.8	.203	.216	70	86	W	2	Calm	0	.510	☼ from 7.30p.
5	29.81	29.81	40.6	35.6	33.8	46.3	0.9	0.8	.234	.195	93	93	NE	1	Calm	0	.015	☼ till 9a. ☼ showers 10a-2p.
6	29.99	30.10	41.4	35.6	27.9	47.8	2.0	1.7	.220	.178	85	85	Calm	0	Calm	0	.0	Fine, but cloudy.
7	30.13	30.13	46.0	39.3	28.4	50.3	4.2	2.6	.221	.191	72	80	SE	1	Calm	0	.0	Cloudy day.
8	30.01	30.01	45.1	37.1	35.9	46.8	4.8	0.6	.201	.209	67	95	Calm	0	Calm	0	.015	☼ 11.30a-3p.
9	30.03	30.03	44.2	35.2	28.9	46.3	1.6	0.6	.255	.194	88	94	Calm	0	Calm	0	.0	Cloudy day.
10	30.03	29.98	43.6	33.1	25.7	47.1	4.0	1.1	.203	.166	71	88	E	1	Calm	0	.0	Beautiful day.
11	29.88	29.88	43.4	32.8	27.5	44.9	4.7	1.0	.188	.166	67	88	E	1	Calm	0	.6	Fine, but cloudy.
12	29.62	29.62	39.0	38.1	29.7	50.7	2.5	1.5	.190	.200	81	87	Calm	0	SW	1	.035	Cloudy day. ☼ showers from 4p.
13	29.64	29.64	45.5	42.7	34.9	51.9	3.9	2.9	.221	.214	73	79	SW	1	SW	1	.100	☼ showers till 3a. ☼ noon-2p.
14	29.70	29.70	47.2	40.7	37.1	56.8	5.5	2.4	.207	.206	64	81	SSW	1	Calm	0	.8	Fine, but cloudy.
15	29.62	29.62	46.7	44.8	32.4	55.4	3.1	3.1	.249	.230	79	78	Calm	0	Calm	0	.5	Fine, but cloudy.
16	29.70	29.70	49.2	44.4	33.2	52.7	3.5	1.1	.268	.267	76	91	W	1	Calm	0	.4	Cloudy day. ☼ showers from 4p.
17	29.76	29.76	49.0	40.6	37.7	55.8	4.5	0.9	.245	.234	70	93	WSW	1	Calm	0	.5	☼ showers till 3a.
18	29.75	29.75	51.1	48.6	34.9	55.5	6.4	4.6	.230	.238	62	69	S	1	SE	1	.6	Fine, but cloudy.
19	29.43	29.43	45.7	42.2	45.1	58.7	0.8	2.2	.290	.273	95	85	SE	2	SW	1	.7	☼ 5a-9a. Cloudy p.
20	29.41	29.41	49.7	49.0	46.4	57.6	4.5	2.6	.274	.285	71	82	SSW	2	SSW	2	.6	Cloudy day.
21	29.63	29.63	53.2	49.8	47.3	56.8	5.2	1.3	.275	.325	68	91	SW	2	SE	3	.5	Cloudy a. ☼ from 7p.
22	29.94	29.94	49.2	48.3	46.9	58.2	0.7	2.7	.332	.274	96	81	SE	2	SSW	3	.10	☼ a and p.
23	29.34	29.34	50.2	44.6	42.9	55.1	4.5	2.8	.257	.234	71	80	S	2	Calm	0	.5	☼ showers a. Cloudy day. ☼ 7p.
24	29.73	29.73	53.7	47.1	41.5	58.8	6.3	2.0	.259	.276	62	86	S	2	Calm	0	.5	Cloudy day. ☼ showers p.
25	29.87	29.87	46.1	48.6	35.6	56.1	0.5	2.9	.300	.273	66	80	E	1	Calm	0	.4	☼ 7a. Fine, but cloudy.
26	29.80	29.80	49.4	46.2	40.9	52.5	3.0	3.5	.281	.236	80	76	ENE	3	NE	2	.3	Beautiful day.
27	29.96	29.96	47.7	45.5	41.4	50.8	5.9	3.3	.295	.233	63	76	NE	3	NE	2	.2	Beautiful day.
28	30.09	30.09	43.8	41.5	39.4	48.3	4.6	2.6	.194	.209	67	80	ENE	2	Calm	0	.8	Fine, but cloudy.
29	30.16	30.04	47.1	48.4	39.0	57.7	3.4	3.7	.246	.254	76	75	Calm	0	Calm	0	.6	Bright a. Cloudy p.
30	29.91	29.73	49.6	50.4	45.3	54.8	4.3	1.8	.255	.320	72	88	WNW	1	W	2	.9	☼ 1a-6a and 5p-7p.
Mean	29.737	29.737	46.3	42.5	36.3	52.5	3.5	2.2	.239	.229	76.0	83.4	1.2	0.6	6.2	4.1	1.280	

BIRR CASTLE.—APRIL 1902.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar., —2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 inches.
Long. 7° 55' W. Lat. 53° 6' N. Gravity Correction, +0.021 in.

1	29.45	29.61	43.7	38.7	31.7	50.5	1.6	0.249	200	87	86	W	2	SW	1	7	0	0.005	Fine and bright.
2	29.69	29.65	44.0	38.4	31.0	50.4	4.1	0.203	200	70	87	SW	1	SW	2	0	3	0.050	Fine and bright.
3	29.50	29.62	43.2	36.9	31.0	45.7	2.7	0.120	223	165	80	SW	3	SW	4	3	7	0.120	* showers.
4	29.75	29.68	46.1	41.7	36.0	49.1	5.4	0.201	246	64	93	W	3	SW	2	3	10	0.347	Fine and bright a. p.
5	29.64	29.82	40.2	35.7	33.7	48.7	0.5	0.100	239	96	91	NE	2	SW	1	10	0	0.010	(mist) a.
6	29.97	30.06	42.2	38.7	27.7	50.9	2.6	0.231	191	81	82	N	2	NE	1	0	0	0.012	Fine and bright.
7	30.06	30.05	45.8	40.9	30.7	50.0	2.4	0.255	240	83	95	ESE	1	SE	2	5	10	0.065	Fine and bright a. p.
8	29.96	29.96	43.2	41.2	38.8	47.1	1.9	0.14	238	85	89	E	3	NE	1	10	10	0.029	Overcast, with showers.
9	30.00	30.00	40.7	40.2	31.8	51.0	0.8	0.237	220	93	89	E	2	NE	1	3	5	—	Fine and bright.
10	30.00	29.97	42.3	37.0	34.0	52.0	1.5	0.238	195	89	89	NE	2	E	1	2	3	—	Fine and bright.
11	29.86	29.86	42.2	41.6	28.2	50.5	3.0	0.15	209	78	89	E	2	NE	2	3	7	0.015	Fine and bright.
12	29.61	29.69	42.6	39.0	27.0	47.7	4.2	0.15	192	209	70	SSE	1	SE	1	2	6	0.079	* showers. n.
13	29.69	29.65	46.2	40.2	35.1	51.8	3.3	0.11	240	226	77	SW	3	SSW	1	10	0	0.040	* showers a and n.
14	29.58	29.63	49.7	43.9	37.0	54.6	3.8	0.05	267	275	74	S	3	SE	1	3	10	0.084	Fine and bright a. p.
15	29.62	29.61	47.2	42.2	30.1	55.6	2.7	0.14	262	239	82	SW	1	SSW	1	4	0	—	Fine and bright.
16	29.69	29.72	48.3	44.0	30.9	52.8	2.9	0.19	270	246	80	W	1	SE	2	7	9	—	Fine, but cloudy.
17	29.74	29.78	49.2	42.9	35.1	55.9	3.8	0.19	261	235	74	SW	2	SW	1	4	7	—	Fine and bright.
18	29.67	29.49	51.3	47.7	37.6	55.1	5.5	0.24	248	274	66	SE	3	NE	7	7	10	0.082	Cloudy and cool.
19	29.34	29.33	47.7	45.7	42.3	57.9	1.1	0.304	268	92	88	SE	3	SE	4	10	5	0.352	* showers.
20	29.36	29.46	52.3	49.0	41.5	56.8	2.9	0.67	317	205	80	SW	3	SW	2	4	7	0.089	* showers.
21	29.57	29.17	53.9	49.2	45.8	54.3	4.2	0.13	395	318	73	SE	2	SE	6	7	10	0.349	* showers.
22	29.89	29.06	47.7	47.3	43.9	57.6	0.5	0.21	318	276	96	SE	2	SE	4	10	10	0.055	* showers.
23	29.25	29.43	50.3	43.8	41.4	53.2	4.9	0.14	250	255	68	SE	4	E	2	7	3	0.120	Cloudy, with a.
24	29.68	29.82	52.6	47.7	40.9	54.7	4.5	0.13	283	299	72	SSE	2	SE	2	4	0	0.031	Fine and bright.
25	29.71	29.72	54.1	49.9	43.8	59.4	5.1	0.10	287	265	69	E	3	SE	4	3	4	—	Fine and bright.
26	29.87	29.86	52.7	45.7	41.9	57.2	3.8	0.11	301	239	75	E	2	E	4	2	0	—	Fine and bright.
27	29.94	29.99	49.2	44.7	37.9	54.2	6.1	0.34	217	223	62	SE	4	NE	2	4	3	—	Fine and bright.
28	30.07	30.10	46.2	41.0	36.7	52.9	5.1	0.22	207	211	67	NE	3	NE	2	4	3	—	Fine and bright.
29	30.17	30.17	48.7	48.5	30.9	58.2	3.8	0.31	255	268	74	NE	2	W	2	0	10	0.014	Fine and bright.
30	29.95	29.78	50.2	50.7	45.8	55.6	3.9	0.09	269	348	75	W	3	NW	6	7	10	0.050	* shower a. n.
Mean	29.709	29.713	47.1	43.1	36.0	53.0	3.3	0.252	240	77.7	85.6	2.3	2.5	4.8	5.4	1.998			

DEERNES.—MAY 1902.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45' W. Lat. 58° 56' N. Gravity Correction, +0.036 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.		
							Dep. of Wet.		Vapour Pressure.		Percentage.									
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.				
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.			
1	29.46	29.50	43.8	39.2	36.6	46.0	3.8	2.9	.207	.184	72	77	N	5	NW	1	7	2	—	Cold and dry.
2	32	28	43.8	41.0	37.2	45.6	2.8	1.9	.226	.235	78	92	SSE	5	E	5	10	10	.17	Overcast a. all p.
3	37	56	42.3	40.0	39.0	47.0	2.3	3.9	.222	.174	83	70	NE	5	N	5	10	5	.085	Cold. showers all day.
4	68	75	40.8	36.0	33.8	44.0	3.8	2.4	.182	.168	71	79	N	3	NNW	4	4	2	.08	Bitterly cold. * showers.
5	83	29.94	40.5	37.1	32.0	44.0	4.9	2.0	.162	.183	64	83	NNW	4	NNW	4	5	3	.175	* 5a. * showers all day
6	29.95	30.06	40.8	43.2	33.0	46.0	2.0	1.2	.214	.253	84	90	NNW	5	N	5	8	9	.035	* showers all day.
7	30.14	30.17	44.8	42.0	41.0	49.0	2.8	2.5	.235	.216	79	82	N	5	N	3	8	1	—	
8	19	14	45.8	41.0	36.2	49.0	4.5	2.0	.214	.215	70	84	N	2	N	1	2	8	—	Bright day.
9	09	30.12	46.0	40.0	36.2	48.0	5.0	2.4	.207	.200	67	81	N	3	NNE	1	5	6	—	Fine and bright.
10	30.02	29.89	45.0	41.0	36.0	48.0	4.2	3.0	.211	.197	71	77	NW	2	NW	1	8	10	.07	Very fine. 9 after 7p.
11	29.78	77	45.0	41.0	39.5	50.2	4.0	1.2	.214	.231	72	80	N	4	NNE	5	6	3	.07	
12	82	79	41.0	38.0	37.0	45.0	2.8	3.6	.201	.163	78	71	N	6	NNW	6	7	6	.10	* showers p.
13	73	72	40.8	34.2	32.0	44.4	3.6	0.2	.186	.194	73	98	N	6	NNW	5	4	9	.10	* showers. Very cold.
14	66	62	41.4	37.2	32.2	46.0	4.2	2.0	.181	.184	69	83	N	6	NW	2	10	6	.02	* 5p-6p.
15	50	48	41.0	38.0	36.0	45.3	3.0	2.0	.197	.190	77	83	N	2	NE	1	8	5	.055	
16	37	22	44.0	40.4	35.0	47.0	4.0	2.0	.205	.211	71	84	SW	2	E	2	7	1	—	* most of day.
17	08	18	43.1	40.0	35.0	47.0	3.3	4.0	.210	.172	76	69	ESE	4	E	1	5	4	—	* most of day.
18	36	59	48.8	44.8	38.6	52.0	4.8	2.6	.237	.239	68	81	N	5	NNW	6	4	2	—	* most of day.
19	67	29.76	43.2	39.7	39.0	47.0	2.0	2.4	.236	.198	85	80	N	6	N	6	9	8	.12	Cold. showers after 7p.
20	29.87	30.02	45.0	42.0	38.0	49.0	3.2	3.0	.229	.207	77	78	N	6	N	5	7	2	—	Cold and dry.
21	30.06	30.04	42.2	43.0	39.4	48.0	2.4	3.8	.220	.201	83	72	NNW	4	SE	2	9	10	.09	
22	29.85	29.86	45.0	47.0	39.2	52.8	0.6	1.0	.285	.298	95	93	S	4	SW	1	10	10	.06	* 9p.
23	85	97	51.6	50.4	39.4	55.8	8.6	0.4	.366	.356	96	97	W	6	W	7	10	10	—	Fine a.
24	97	92	53.0	47.5	46.6	61.3	3.0	3.2	.322	.252	80	78	WSW	4	W	6	8	5	—	Very fine.
25	82	84	49.0	46.3	42.0	53.0	4.0	3.0	.255	.247	73	79	W	8	W	6	5	9	—	(gale) all day.
26	85	60	50.0	47.6	45.2	53.4	2.8	0.6	.291	.315	81	96	W	6	WSW	5	8	10	.17	Fine a. 9 after 7p.
27	29.45	04	48.0	49.2	45.0	51.0	1.0	0.9	.309	.327	93	94	SW	3	SSW	4	10	9	.375	* 8a.-7p.
28	28.8	01	50.6	43.0	42.5	51.0	5.1	2.5	.250	.225	68	81	SW	8	WSW	8	9	10	.12	(gale) all day.
29	29.39	73	44.0	41.2	40.7	47.0	4.0	2.2	.205	.213	71	83	NNW	5	N	1	9	8	—	Fine.
30	29.84	29.94	48.0	43.2	40.0	49.0	3.8	3.2	.247	.213	74	77	E	6	NE	6	7	10	—	* p.
31	30.01	30.05	45.0	43.5	41.8	46.3	3.8	3.5	.218	.210	73	74	NE	7	NE	5	10	9	—	Very cold and dry.
Mean	29.701	29.726	44.9	41.9	38.2	48.6	3.3	2.3	.230	.222	76.5	82.5	4.7	3.9	7.4	6.5	1.895			

BRAEMAR.—MAY 1902.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches.
Long. 3° 24' W. Lat. 57° 0' N. Gravity Correction, +0.30 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.			9 a.m.	9 p.m.
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
1	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%	NW 2	N 1	7	6	ins.	
2	28.48	28.50	39.1	40.4	34.0	49.1	3.6	2.9	172	194	73	78	NW 0.5	SW 0.5	9	7	* showers.	
3	28.50	28.52	39.1	40.4	34.0	49.1	3.6	2.9	199	202	92	78	NW 1	NE 2	8	10	Fair p.	
4	28.52	28.54	39.1	40.4	34.0	49.1	3.6	2.9	199	199	83	93	NW 1	NE 2	8	10	* a. Snow on hills.	
5	28.54	28.56	39.1	40.4	34.0	49.1	3.6	2.9	199	179	63	91	N 2	NE 0.5	7	10	* Fair a. * p.	
6	28.56	28.58	39.1	40.4	34.0	49.1	3.6	2.9	142	155	66	80	N 1	N 2	7	5	* showers.	
7	28.58	28.60	39.1	40.4	34.0	49.1	3.6	2.9	183	172	79	82	N 0.5	NE 2	3	2	* showers.	
8	28.60	28.62	39.1	40.4	34.0	49.1	3.6	2.9	221	205	80	87	N 2	SE 1	4	6	Dull and damp.	
9	28.62	28.64	39.1	40.4	34.0	49.1	3.6	2.9	202	207	73	82	N 1	NE 0.5	4	8	Dull, with * showers.	
10	28.64	28.66	39.1	40.4	34.0	49.1	3.6	2.9	188	164	73	76	NE 1	NE 0.5	7	1	Fair and clear p.	
11	28.66	28.68	39.1	40.4	34.0	49.1	3.6	2.9	158	206	61	74	NE 0.5	NE 0.5	6	9	Fair and clear p.	
12	28.68	28.70	39.1	40.4	34.0	49.1	3.6	2.9	210	229	82	97	NE 0.5	NE 0.5	8	6	Dull and cold.	
13	28.70	28.72	39.1	40.4	34.0	49.1	3.6	2.9	191	147	74	64	N 2	N 2	6	10	Fair a. * p.	
14	28.72	28.74	39.1	40.4	34.0	49.1	3.6	2.9	228	191	99	95	NE 4	N 2	6	6	* showers.	
15	28.74	28.76	39.1	40.4	34.0	49.1	3.6	2.9	223	163	100	71	NW 2	NE 2	6	8	Fair day.	
16	28.76	28.78	39.1	40.4	34.0	49.1	3.6	2.9	234	189	100	85	SE 1	SE 1	8	10	Fair a. * p. Snow on hills.	
17	28.78	28.80	39.1	40.4	34.0	49.1	3.6	2.9	265	191	99	86	SE 1	SW 1	7	8	Fair a.	
18	28.80	28.82	39.1	40.4	34.0	49.1	3.6	2.9	207	197	100	93	E 0.5	NE 1	10	8	* showers.	
19	28.82	28.84	39.1	40.4	34.0	49.1	3.6	2.9	176	197	70	85	NE 0.5	NW 0.5	8	6	* showers.	
20	28.84	28.86	39.1	40.4	34.0	49.1	3.6	2.9	201	161	82	74	NW 0.5	E 0.5	10	8	* showers.	
21	28.86	28.88	39.1	40.4	34.0	49.1	3.6	2.9	171	171	71	76	N 2	N 2	8	4	* showers.	
22	28.88	28.90	39.1	40.4	34.0	49.1	3.6	2.9	185	224	66	75	NE 1	S 0.5	7	7	Fine day.	
23	28.90	28.92	39.1	40.4	34.0	49.1	3.6	2.9	252	217	69	95	W 2	SW 0.5	8	9	Cloudy and damp.	
24	28.92	28.94	39.1	40.4	34.0	49.1	3.6	2.9	382	302	62	76	W 0.5	W 2	3	6	Very fine.	
25	28.94	28.96	39.1	40.4	34.0	49.1	3.6	2.9	303	268	68	78	SW 4	SW 2	7	8	Very fine.	
26	28.96	28.98	39.1	40.4	34.0	49.1	3.6	2.9	215	261	63	81	SW 2	W 4	7	8	Dull, with * showers.	
27	28.98	29.00	39.1	40.4	34.0	49.1	3.6	2.9	245	266	70	75	W 4	SW 4	8	8	—	
28	29.00	29.02	39.1	40.4	34.0	49.1	3.6	2.9	284	324	75	85	SW 4	SW 8	8	8	Cloudy and gusty.	
29	29.02	29.04	39.1	40.4	34.0	49.1	3.6	2.9	230	189	80	83	SW 8	SW 6	7	5	Gusty. * showers.	
30	29.04	29.06	39.1	40.4	34.0	49.1	3.6	2.9	222	65	88	SW 4	E 0.5	5	8	* showers.		
31	29.06	29.08	39.1	40.4	34.0	49.1	3.6	2.9	229	211	71	84	E 2	E 0.5	8	10	Dull, with * showers.	
Mean	28.702	28.724	42.9	40.5	36.0	48.4	3.3	2.3	214	210	77.3	82.5	2.1	1.7	7.0	7.3	3.48	

LAUDALE.—MAY 1902.

Height above Mean Sea Level, 14 feet. Heights above Ground:—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 41' W. Lat. 56° 41' N. Gravity Correction, +0.31 in.

1	29.73	29.72	43.8	42.0	40.0	51.8	3.3	2.0	217	225	75	85	N	3	N	1	6	0	96	Bright day. ☼☼ (sleet) showers.	
2	29.74	29.73	46.0	44.6	38.6	53.7	1.4	2.0	278	250	90	85	N	3	NNW	2	10	6	04	☼ ² a. ☼ ² ☼ ² showers.	
3	29.75	29.74	45.0	43.2	36.0	51.7	2.4	2.2	245	232	82	83	W	1	N	4	10	7	02	☼ ⁰ showers.	
4	29.95	29.93	46.0	42.7	36.0	49.9	4.0	1.3	225	246	73	89	N	3	N	2	6	7	02	☼ ⁰ showers.	
5	30.10	30.20	43.3	40.2	34.0	48.0	3.3	2.2	212	205	76	83	N	2	N	4	9	1	03	☼ ⁰ showers.	
6	29.26	29.33	43.8	40.2	35.2	49.0	2.8	1.5	226	218	78	89	N	3	N	1	6	1	03	☼ ⁰ showers.	
7	29.39	29.47	42.0	37.0	33.5	2.6	2.3	269	220	82	83	N	2	N	3	2	1	—	—	☼ ⁰ showers.	
8	29.38	29.31	48.7	45.0	32.0	54.7	4.4	2.3	243	247	71	83	ENE	1	N	1	2	7	—	☼ ⁰ showers.	
9	29.23	29.27	49.9	45.2	36.0	55.0	3.9	5.0	266	199	74	66	NE	2	SE	2	8	1	—	☼ ⁰ showers.	
10	30.22	30.06	45.8	43.3	31.6	53.3	3.8	2.3	227	250	74	83	W	2	Calm	0	9	10	20	☼ ⁰ showers.	
11	29.95	29.94	48.0	47.5	40.0	54.7	1.3	2.5	302	269	91	82	N	2	NW	1	9	4	09	☼ ⁰ showers.	
12	30.01	30.05	46.5	41.2	38.7	54.4	3.5	3.2	238	196	76	76	NE	4	N	4	8	3	03	☼ ⁰ showers.	
13	30.00	29.95	44.5	39.9	36.0	50.3	4.2	2.9	207	190	70	77	N	3	N	2	3	7	05	☼ ⁰ showers.	
14	29.93	29.79	43.0	41.7	31.7	49.0	3.0	1.3	215	237	78	90	N	2	S	2	10	10	06	☼ ⁰ showers.	
15	29.59	29.60	43.8	44.5	40.2	51.2	1.4	2.1	255	246	89	84	SSE	3	NW	1	10	2	02	☼ ⁰ showers.	
16	29.54	29.30	45.2	44.0	36.0	50.7	2.4	1.8	247	248	83	86	S	1	S	3	10	10	30	☼ ⁰ showers.	
17	29.19	29.29	44.5	44.0	39.4	52.2	0.9	0.3	273	281	93	98	NW	2	N	3	10	7	04	☼ ⁰ showers.	
18	29.56	29.83	44.8	45.5	39.0	51.5	1.9	1.7	254	266	86	88	N	2	N	4	10	6	09	☼ ⁰ showers.	
19	29.99	30.03	43.0	39.9	39.0	48.7	2.0	1.9	234	208	84	85	N	3	N	4	4	2	03	☼ ⁰ showers.	
20	30.08	30.22	44.2	43.2	36.8	51.5	3.5	3.0	216	213	74	77	N	3	N	2	5	1	—	☼ ⁰ showers.	
21	29.28	29.25	47.5	46.2	36.0	51.8	4.5	3.0	228	246	70	79	N	2	N	2	8	10	20	Bright early a., then dull.	
22	29.11	29.09	52.0	51.0	43.0	52.8	2.0	1.0	335	348	86	93	NW	2	NNW	1	10	10	08	☼ ⁰ showers.	
23	29.22	29.27	55.3	51.2	48.0	62.0	3.0	0.2	354	371	81	99	NW	2	NW	2	9	10	30	☼ ⁰ showers.	
24	29.28	29.26	52.9	50.0	47.0	58.2	1.9	0.8	348	394	87	94	W	2	W	2	10	10	11	☼ ⁰ showers.	
25	29.26	29.25	51.5	50.2	47.0	54.0	3.5	1.2	293	332	77	92	WNW	6	NNW	4	10	10	18	☼ ⁰ showers.	
26	30.15	30.16	50.4	51.0	48.3	63.0	2.1	1.0	313	348	86	93	NW	2	W	4	7	10	63	☼ ⁰ showers.	
27	29.72	29.38	53.8	51.5	50.2	55.0	1.1	1.3	383	346	92	90	W	5	W	7	10	10	180	☼ ⁰ showers.	
28	29.25	29.49	49.9	44.2	43.0	51.6	1.7	2.2	315	242	88	83	NNW	5	W	4	7	10	20	☼ ⁰ showers.	
29	29.70	29.82	46.0	42.5	39.9	54.8	1.5	2.1	276	228	90	84	WNW	4	Calm	0	9	6	03	☼ ⁰ showers.	
30	29.87	30.00	51.2	48.3	39.7	56.4	2.4	2.6	274	276	73	82	SSE	2	SE	4	9	10	08	☼ ⁰ shower a.	
31	29.97	30.06	45.0	44.0	41.7	48.3	1.0	1.0	275	265	92	92	E	7	E	7	10	10	10	☼ ⁰ shower a.	
Mean	29.932	29.942	47.2	45.0	39.3	52.9	2.7	1.9	206	259	81.3	85.6	2.7	2.7	7.9	6.4	5.72				☼ ⁰ shower a. Very red sky ap.

DUNDEE.—MAY 1902.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 9 inches. Rain-gauge, 1 foot.
Long. 2° 56' W. Lat. 56° 28' N. Gravity Correction, +0.30 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.				Cloud Amount.		Rain, 24 hours beginning	Remarks.		
							Dep. of Wet.		Vapour Pressure.		Percentage.									
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.				
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.			
1	29.52	29.55	45.6	41.2	37.4	52.0	5.6	1.7	193	223	63	87	N	6	SE	2	5	10	Cloudy.	
2	36	26	41.6	34.6	35.5	53.7	0.3	1.2	257	97	90	90	SE	1	NW	1	10	5	10	5.30a.-9a. showers. Δ 6p.
3	31	53	45.6	41.6	36.4	48.8	2.2	2.1	257	220	84	84	NW	4	NE	2	10	10	10	Dull, with showers.
4	74	29	44.6	39.5	35.2	51.2	4.7	0.3	199	236	67	98	NE	4	SE	2	10	10	10	Cloudy day. from 3p.
5	29.92	30.00	43.8	36.6	33.0	48.9	4.8	1.5	190	188	66	87	N	6	NW	2	7	10	30	* (sleet) n. and 0.30p.-5.30p.
6	30.02	10	45.3	37.7	33.7	48.1	5.0	1.8	200	192	66	84	NW	4	N	2	5	5	12	Cloudy day. Δ showers 0.30p.-
7	14	18	49.6	41.8	34.5	52.1	4.9	1.9	244	227	69	86	NE	6	NE	4	7	5	12	Cloudy, with showers. [5 30p.
8	20	16	46.4	41.6	37.9	48.5	3.7	0.6	234	250	75	95	NE	2	SE	1	10	10	09	Cloudy, with showers.
9	08	30.12	44.4	38.4	37.1	50.0	2.4	1.4	240	204	82	88	NE	2	N	2	5	5	01	* n. showers during day.
10	30.07	29.91	44.4	41.2	32.2	53.9	3.5	1.7	219	223	74	87	SE	1	E	1	10	10	05	Cloud and sunshine.
11	29.81	75	43.6	43.6	38.8	51.2	1.1	1.9	259	243	91	86	SE	1	NW	2	10	10	02	* n. showers during d. y.
12	80	84	46.9	38.8	37.2	50.7	4.4	2.3	225	192	71	82	NE	8	NE	4	5	10	10	Cloud and sunshine.
13	78	75	44.5	35.8	33.6	48.9	5.8	2.2	180	170	61	81	N	6	NE	2	5	5	—	Δ showers n. and during d. y.
14	72	65	45.9	43.3	32.2	53.7	6.8	2.8	177	222	57	79	N	6	SE	2	5	10	—	Cloudy to 3p., then dull.
15	49	46	44.8	39.7	36.1	46.1	1.0	0.4	273	237	92	96	SW	1	E	2	10	10	10	* from 9a.
16	29.92	21	43.1	42.6	37.7	48.1	1.7	0.7	241	258	86	94	SE	2	SE	4	10	10	35	* from 7.30a.
17	28.44	13	43.5	39.6	39.1	47.7	0.5	1.3	271	217	96	89	NE	4	NE	4	10	10	10	* n.-noon. showers.
18	29.36	59	47.9	44.5	35.9	49.8	4.9	3.4	225	221	68	75	NE	2	NE	4	10	10	05	Dull, showers 10.30a.-3.30 p.
19	70	29.77	48.6	40.8	39.9	52.8	5.0	3.3	231	191	68	75	N	6	NE	6	5	5	—	* showers.
20	29.89	30.04	45.6	42.6	36.2	52.9	4.6	3.6	210	201	69	74	N	6	NE	6	5	5	—	Cloud and sunshine.
21	30.11	30.09	50.2	43.7	35.6	54.6	4.7	1.8	253	246	70	86	SW	2	SE	2	5	10	13	Cloudy. Dull from 4p.
22	30.04	29.91	48.2	50.9	41.2	56.0	0.7	1.4	320	338	96	91	W	2	W	4	10	10	02	* n. showers from 2p.
23	29.97	30.10	62.4	59.1	49.0	78.5	3.4	5.6	451	341	80	69	SW	2	W	4	5	5	—	Fine day.
24	30.09	07	58.8	53.6	49.5	65.1	4.7	5.1	360	282	73	69	SW	4	SW	6	5	5	—	Cloudy day. [10a.-6p.
25	30.09	30.03	52.8	51.8	44.2	59.0	6.3	3.3	250	302	63	78	W	6	W	6	10	10	—	Cloud and sunshine. (gale)
26	29.99	29.75	55.1	52.6	48.2	58.6	5.4	2.0	294	343	68	86	W	2	W	6	10	10	02	Dull. showers 1p.-2.30p. [7p.
27	58	25	57.8	53.8	49.2	62.6	4.9	1.8	342	363	72	87	W	6	SW	8	10	10	03	Dull. (gale) from 2p. 0 from
28	13	32	52.0	45.6	45.0	57.7	4.9	3.8	268	225	70	74	SW	10	SW	6	10	7	—	* showers 10a. (gale) till 4p.
29	52	70	53.1	44.2	38.5	62.1	7.8	1.4	224	259	56	89	W	4	NE	2	5	10	02	Cloud and sunshine. 8p.
30	76	79	50.4	44.1	41.3	51.7	4.3	0.6	263	276	73	95	NE	4	NE	6	10	10	08	* showers from 4p. [and during day.
31	29.76	29.90	44.8	43.4	41.0	45.7	2.3	2.4	246	230	83	81	NE	12	NE	12	10	10	02	* showers. (violent gale) n.
Mean	29.751	29.763	48.1	43.8	38.8	53.4	3.9	2.1	251	244	74.4	84.6	4.3		3.8	7.9	8.5	2.16		

COCKLE PARK (NEAR MORPETH).—MAY 1902.

Height above Mean Sea Level, 324 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 41' W. Lat. 55° 13' N. Gravity Correction, +.026 in.

Day.	Barometer at 32° Falt. at Station Level.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.
								Dep. of Wet.		Vapour Pressure.		Percentage.						
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	ins.	in.	%	%					ins.	
1	29.29	29.39	44.0	36.0	36.0	51.0	4.0	1.0	205	193	71	91	NW 4	Calm 0	8	2	105	Fine, but cold day.
2	24	13	41.0	44.0	32.0	53.0	0.0	4.0	257	205	100	71	SE 1	SW 3	10	1	093	Cloudy, with ☉ showers.
3	11	28	48.0	43.0	33.0	49.0	5.0	2.0	224	234	67	84	NW 1	NE 3	6	7	035	Cold, with ☉ showers.
4	53	61	45.0	40.0	36.0	48.0	5.0	3.0	197	189	66	76	NE 6	NW 2	8	10	060	Dull a. and n. ☉.
5	66	80	39.0	37.0	35.0	48.0	2.0	1.0	199	200	84	91	NE 6	SE 1	7	10	104	Dull, with ☄ showers a. ☉ n.
6	82	85	40.0	36.0	31.0	45.0	4.0	1.0	172	193	69	91	NNW 3	N 3	3	5	075	Fine, but cold day. Snow on the
7	89	93	42.0	41.0	33.0	48.0	1.0	2.0	245	215	92	84	NE 3	N 2	9	8	045	Dull a. Cold day. [Cheviots.
8	95	97	46.0	37.0	35.0	47.0	5.0	1.0	207	200	67	91	NNE 7	SW 1	7	6	001	Dull a.
9	93	89	44.0	36.0	34.0	47.0	4.0	1.0	205	193	71	91	W 2	NW 1	6	3	035	Fine a. and n. ☄☉ showers.
10	85	73	44.0	38.0	32.0	48.0	5.0	1.0	188	208	65	91	N 2	SW 1	9	7	066	Cold, with ☉ showers.
11	60	56	40.0	37.0	35.0	42.0	1.0	1.0	226	200	92	91	NE 1	NW 2	10	3	052	Cloudy, with ☉.
12	54	56	44.0	35.0	34.0	47.0	3.0	1.0	224	184	77	90	N 3	NW 3	6	4	082	☉ showers.
13	55	56	41.0	37.0	32.0	46.0	5.0	2.0	164	182	64	83	NNW 4	NW 4	7	9	—	Fine day. Cold n.
14	52	47	41.0	39.0	30.0	51.0	5.0	2.0	164	199	64	84	NNW 4	SW 1	6	7	—	Fine day. Cold n.
15	33	21	42.0	41.0	35.0	44.0	2.0	1.0	225	235	85	92	SE 1	Calm 0	10	10	162	Dull, with ☉. ☼ n.
16	29.24	29.02	45.0	40.0	38.0	47.0	3.0	0.0	233	247	78	100	SE 3	SE 4	9	10	404	Cloudy. ☉ p. [Intervals.
17	28.82	28.83	50.0	41.0	39.0	56.0	4.0	2.0	265	215	74	84	W 7	NW 5	7	6	035	(gale) ☉ showers. Fine in-
18	29.14	29.32	46.0	43.0	38.0	48.0	4.0	1.0	225	255	73	92	N 5	NW 7	8	7	065	Cold, with ☉ showers.
19	44	54	47.0	39.0	38.0	51.0	4.0	2.0	233	199	73	84	NWbyN 7	NW 6	8	3	020	Cold, with ☉ showers. ☉ (gale).
20	63	81	45.0	40.0	36.0	50.0	5.0	2.0	197	207	66	84	NW 7	NW 3	7	3	010	☉ (gale) a. Fine day.
21	93	92	46.0	43.0	36.0	50.0	3.0	2.0	244	234	79	84	NW 3	SW 1	10	8	150	☉, then fine day.
22	78	77	48.0	50.0	41.0	54.0	1.0	1.0	309	334	93	93	SW 5	W 3	10	10	062	Dull, with ☉.
23	84	93	62.0	55.0	50.0	74.0	3.0	3.0	456	349	82	81	W 3	W 4	7	1	—	Very fine day.
24	95	94	58.0	55.0	48.0	63.0	5.0	3.0	342	349	71	81	W 5	NW 4	4	8	—	Fine day.
25	98	93	55.0	50.0	42.0	57.0	3.0	4.0	349	265	81	74	WNW 5	WNW 4	2	8	—	☉. Fine day.
26	87	63	58.0	53.0	47.0	59.0	7.0	2.0	296	347	61	86	W 6	W 9	1	9	010	Dull, with ☉ showers.
27	50	25	55.0	52.0	48.0	59.0	2.0	3.0	375	310	87	80	SWbyW 7	SW 6	10	7	048	Dull day.
28	09	23	52.0	43.0	42.0	57.0	5.0	2.0	266	234	69	84	SWbyW 7	W 3	7	1	—	Fine a.
29	39	51	52.0	46.0	35.0	57.0	5.0	3.0	210	244	54	79	W 4	SE 1	4	3	—	Fine day.
30	52	48	47.0	43.0	43.0	48.0	2.0	0.0	275	277	86	100	E 5	NE 6	10	10	1452	Dull day. ☼☼☼ (mist) ☉ n.
31	29.45	29.61	46.0	45.0	43.0	48.0	0.0	0.0	311	299	100	100	NEbyN 6	N 5	10	10	152	Dull, with ☼☼☼.
Mean	29.561	29.572	46.9	42.4	37.6	51.4	3.5	1.7	248	239	76.2	86.7	4.3	3.2	7.3	6.3	3.323	

SCARBOROUGH.—MAY 1902.

Height above Mean Sea Level, 62 feet. Heights above Ground:—Bar., 65 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 24' W. Lat. 54° 18' N. Gravity Correction, +.025 in.

1	29.44	29.61	44.2	42.8	39.5	48.5	1.7	1.3	252	247	87	89	NW	6	NNW	5	4	2	01	Fine day, but with (force 7 noon).
2	54	38	43.0	45.5	33.0	56.0	1.0	1.7	255	265	92	87	SW	2	W	3	10	3	18	Dull. K 2p-4p.
3	35	45	45.5	45.0	38.0	51.5	1.8	1.5	263	264	87	88	SW	3	N	4	4	8	08	Fine day.
4	68	83	44.5	36.2	35.5	47.5	1.5	0.7	259	199	88	93	N	6	W	3	6	3	04	Fine, but windy.
5	29.81	29.98	40.0	40.8	33.0	45.2	0.6	1.8	234	218	95	86	N	6	N	5	10	4	12	Dull a. Fine p.
6	30.01	30.03	41.0	36.2	34.5	46.5	1.8	0.2	219	209	86	98	NW	6	NNW	5	4	10	20	☉☿✱
7	07	11	40.5	42.2	34.0	48.5	0.5	0.7	240	253	96	94	N	5	N	3	6	4	04	Dull at intervals.
8	14	17	45.2	42.0	39.0	48.0	0.7	1.5	285	235	94	87	N	5	N	5	6	6	01	Fine.
9	10	30.08	44.0	43.0	36.0	49.0	1.8	0.7	248	262	86	94	NE	3	N	3	4	3	04	Beautiful day.
10	30.07	29.96	43.8	42.8	35.5	48.5	1.8	1.6	246	240	86	87	N	4	N	4	6	6	03	Fine and dull alternately.
11	29.86	29.78	46.5	41.5	34.0	49.5	0.5	1.0	304	239	96	92	N	1	N	3	10	6	10	Dull, with ☉.
12	72	81	42.5	39.8	34.5	48.5	0.5	1.3	261	218	96	89	NW	5	NW	3	8	3	10	Dull, with ☉.
13	78	76	37.2	38.5	35.5	45.5	0.4	1.3	214	207	96	88	NNW	4	NW	4	8	4	02	Dull, with ☉. ✱ ga.
14	73	72	40.0	42.8	34.5	47.0	1.3	3.0	220	214	89	77	NW	3	NW	3	6	4	—	✱ ⁰ sa.
15	58	39	48.2	45.0	35.0	52.0	2.7	0.5	272	287	80	96	W	3	S	3	8	10	11	Dull and overcast, with ☉.
16	47	29	43.0	42.0	35.5	50.5	1.2	0.5	251	256	90	96	N	5	N	5	8	10	23	Dull, with ☉.
17	15	06	47.8	45.0	41.0	57.0	3.6	1.2	249	271	75	90	W	4	NW	4	6	8	02	Fine a. Dull p.
18	34	44	43.8	43.5	40.5	48.0	2.8	2.7	225	225	79	80	N	6	N	6	6	6	04	Fine, but cold.
19	61	70	45.0	43.8	41.0	49.5	2.5	1.6	243	250	81	87	N	8	N	7	8	4	07	(gale). Fine, but windy. ☉ a.
20	29.80	29.95	41.8	42.5	39.0	48.0	1.6	0.5	231	261	87	96	N	6	N	6	10	10	25	Overcast, with ☉.
21	30.13	30.17	42.2	45.0	40.5	49.0	0.7	1.2	253	271	94	90	N	3	NE	3	10	4	11	☉ a. Clear p.
22	10	00	47.8	53.5	37.0	56.2	2.8	1.0	266	381	80	93	SW	3	SW	1	10	10	19	Overcast, with ☉.
23	10	17	54.0	57.2	47.0	66.2	0.8	3.2	394	374	94	81	SW	1	NW	3	10	4	01	Overcast early a, fine after.
24	21	23	54.5	55.0	48.5	65.2	2.5	3.0	356	349	83	80	SE	2	W	2	6	4	—	Fine day.
25	25	30.20	55.0	52.5	49.0	62.0	6.5	3.3	269	309	62	78	W	3	W	4	3	4	—	Fine day.
26	30.14	29.95	55.0	54.0	46.0	60.2	5.0	1.5	302	374	69	90	NW	4	W	4	6	8	—	Fine a. Dull p.
27	29.82	29.58	57.0	56.5	47.0	66.0	3.0	1.3	377	218	81	91	W	4	W	5	6	6	01	Fine.
28	42	48	55.0	52.0	49.0	61.5	1.0	4.5	403	296	93	71	W	4	W	4	10	4	—	Dull a. Fine p.
29	63	76	52.0	53.0	43.5	58.5	5.2	3.2	262	318	67	79	NE	3	SE	2	4	10	—	Very fine.
30	71	62	49.5	45.8	44.5	55.5	2.0	0.5	303	296	86	96	SE	4	E	1	10	10	56	☿☿☿☿☿☿.
31	29.61	29.75	50.5	51.5	44.5	58.0	0.7	1.0	349	355	95	93	N	1	N	4	10	6	25	Dull a. Fine p.
Mean	29.786	29.787	46.5	45.7	39.5	53.0	2.0	1.6	274	276	86.1	88.3	4.0	3.8	7.2	5.9	2.79			

NOTE.—The hygrometrical values for Scarborough are somewhat doubtful.

CRONKBORNE.—MAY 1902.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29' W. Lat. 54° 10' N. Gravity Correction, +.024 in.

Day.	Barometer at 32° Falt. at Station Level.		Air Temperature.					Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.
								Dep. of Wet.		Vapour Pressure.		Percentage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	
1	ins.	ins.	49.8	40.2	40.2	51.9	3.0	0.5	285	237	81	95	NW 5	WNW 2	6	3	ins.	Fine day. ● n.	
2	29.62	29.65	46.2	45.0	40.1	52.0	1.5	0.5	278	287	90	96	WNW 4	W 4	10	3	2.18	● showers.	
3	37	58	46.9	44.8	43.1	54.0	0.9	1.4	299	264	94	89	NNE 2	NNW 3	8	8	0.03	Fine day. ● showers n.	
4	82	29.88	46.5	43.4	41.2	51.8	3.9	0.3	230	274	74	98	NNW 5	W 4	4	10	0.90	Fine till 5p., then ● showers.	
5	29.98	30.07	43.2	42.0	40.8	52.3	3.1	2.0	215	225	78	85	N 3-4	NNW 5-6	4	4	0.10	Fine till 5p., then ● showers.	
6	30.15	13	46.4	36.0	35.0	49.9	3.9	0.4	231	204	74	96	N 4-5	N 3	4	1	0.20	Fine till 7p., then ● showers.	
7	19	51.2	45.4	34.2	33.5	53.5	3.9	1.1	281	278	75	92	N 4	N 4	3	6	0.21	Fine day. ● showers n.	
8	22	21	49.2	44.3	37.2	53.5	4.2	1.3	253	261	72	90	NE 4	NW 4	4	7	—	Fine day.	
9	07	30 10	50.4	38.2	38.2	54.2	4.4	0.2	261	226	72	98	N 2	Calm	0	7	—	Fine day. ☁ p.	
10	30.10	29.95	49.6	41.0	35.1	50.5	5.1	0.3	240	250	68	98	N 2	WNW 2	4	10	—	☁ a. Fine day.	
11	29.84	77	48.7	44.3	37.5	51.7	2.5	0.8	284	273	82	94	S 2	NNW 2	9	8	—	Dull day.	
12	81	86	48.2	41.6	40.0	54.5	3.9	0.6	247	250	74	95	NNE 3	N 2	3	4	—	Fine day.	
13	85	80	48.2	38.6	38.6	52.3	4.2	0.8	241	219	72	94	N 3	N 3	4	1	—	Fine day.	
14	80	72	47.3	44.0	32.2	53.0	3.3	3.2	250	220	77	76	NE 2	W 3	4	10	2.34	Fine day. ● showers n.	
15	47	46	45.3	45.8	40.0	52.5	0.1	0.2	299	303	99	98	SSE 3	NNW 3	10	6	1.84	● showers.	
16	45	24	45.4	49.0	37.8	51.0	1.1	1.2	278	317	92	92	S 2	WNW 6	10	10	4.40	Dull, with ●. Squally p.	
17	18	14	50.2	45.2	44.3	52.1	2.2	0.9	307	280	85	93	W 5	NNW 4	4	8	0.93	● showers.	
18	42	62	48.8	42.8	40.5	50.8	2.8	0.8	278	257	80	94	NNW 5-6	N 4	6	8	0.67	Squally p. ● showers p.	
19	81	29.84	50.2	43.0	41.0	53.0	2.2	1.5	307	245	85	88	NNW 6	NNW 6	3	3	—	Squally (gale).	
20	29.95	30.07	47.2	43.2	36.4	53.0	3.7	0.2	241	275	75	98	N 4	N 4	4	4	—	Very fine.	
21	30.17	16	49.4	47.0	37.0	54.8	3.1	1.3	279	291	79	91	ESE 3	WNW 2	6	10	2.06	Very fine.	
22	07	04	49.7	53.4	45.1	55.2	0.1	0.1	354	407	99	99	W 3	WNW 2	10	10	4.58	Overcast, with ● all day.	
23	15	28	54.7	53.0	51.8	63.8	0.5	0.0	413	403	96	100	NW 5	Calm	0	10	—	Fine day.	
24	28	23	53.0	51.2	50.4	59.5	1.3	0.6	366	361	91	96	WNW 3	NW 4	10	8	0.22	Dull day. ● 7p.	
25	30	30.25	53.0	52.2	45.2	58.8	3.4	4.2	313	274	78	73	NNW 5	NW 2	3	7	—	☁ a. Fine day.	
26	30.16	29.96	50.6	54.0	47.1	56.5	4.0	1.0	272	388	74	93	W 4	W 5	10	9	0.04	Dull, with ● showers.	
27	29.81	51	53.4	50.6	50.3	59.0	3.1	1.1	325	341	80	93	WSW 3	SW 6	10	10	1.00	Cloudy day. Squally p.	
28	42	48	53.0	45.0	45.0	56.7	4.8	1.8	270	257	70	86	WSW 5-6	NW 2	6	7	0.23	Fine, with squally p. ● from 7p.	
29	67	70	50.8	43.0	37.2	53.6	6.6	1.8	224	238	60	86	NNW 2	SSE 1	4	6	4.12	Fine day. ● n.	
30	65	63	46.8	45.8	43.0	48.8	2.1	1.3	270	279	85	91	ESE 4	NE 4-5	10	10	5.85	Overcast, with ● all day.	
31	29.56	29.73	48.6	48.8	45.2	50.8	1.1	1.9	315	300	93	86	NE 6	NE 6-7	10	10	1.99	Overcast, with squally p. ●.	
Mean	29.832	29.826	49.1	45.2	41.0	53.7	2.9	1.1	281	280	80.8	92.0	3.7	3.3	6.5	6.9	3.506		

HILLINGTON.—MAY 1902.

Height above Mean Sea Level, 88 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 3 feet 6 inches.
Long. 0° 33' E. Lat. 52° 48' N. Gravity Correction, +0.21 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.				
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.	9 a.m.	9 p.m.	9 a.m.			9 p.m.			
							9 a.m.	9 p.m.	9 a.m.	9 p.m.										
	ins.	ins.							in.	in.	%	%					ins.			
1	29.59	29.66	47.2	39.0	38.5	50.4	0.4	0.5	.315	.227	97	95	NW	3	NW	1	10	0	ins. Sun and cloud. ☉ a. and p. ▲	
2	58	50	45.5	43.1	29.2	55.3	2.6	0.4	.246	.269	81	97	SW	2	Calm	0	10	0	29. Cloudy. ☉ a. and p. ▲	
3	45	49	49.2	42.5	37.7	58.0	0.7	0.8	.331	.254	95	94	W	3	W	2	6	0	18. Sun and cloud. Distant T p. ● n.	
4	75	29.90	45.2	35.4	35.0	50.6	1.5	2.7	.266	.156	88	75	NW	3	Calm	0	10	0	16. Sun and cloud. ✕ (sleet) ▲.	
5	29.86	30.07	47.4	38.5	32.4	50.5	1.2	1.7	.298	.200	91	86	NW	3	Calm	0	8	0	13. ✕ (sleet) ▲ afternoon and n.	
6	30.06	31.1	41.2	37.1	31.4	48.4	2.6	1.3	.206	.196	80	88	NW	3	NW	1	5	0	21. Sun and cloud. ✕ (sleet) ▲ a., p	
7	11	10	45.4	43.5	34.6	51.4	1.7	2.0	.264	.238	87	84	NE	4	NE	2	2	5	10. Cloudy, then fine. ☉ a. and p. [and n.]	
8	10	16	47.1	42.4	39.1	49.2	1.8	2.7	.280	.215	87	79	NE	4	NE	1	6	5	03. Cloudy. ✕ (sleet) ▲ a. and p.	
9	10	06	45.4	39.2	35.0	50.7	2.6	2.0	.245	.200	81	84	NE	2	NE	1	6	2	02. Very fine and sunny. ☉ n.	
10	30.07	30.00	44.1	35.9	35.4	50.8	3.2	2.0	.222	.173	77	82	NE	2	Calm	0	8	2	—	Cloudy a. Fine p.
11	29.90	29.80	46.0	44.6	33.0	52.6	4.1	1.7	.222	.256	71	87	N	1	Calm	0	4	10	16. Cloudy, then sunny. ☉ n.	
12	75	75	45.2	42.0	41.0	52.4	2.5	3.2	.256	.202	81	76	N	1	Calm	0	6	7	—	Cloudy, then fine.
13	85	90	45.2	44.1	34.8	48.6	4.6	3.4	.208	.218	69	76	N	2	W	2	0	5	03. Miserable day. ✕ (sleet) ✕ p.	
14	80	75	44.2	33.9	29.1	50.3	4.3	1.0	.202	.174	70	89	W	2	Calm	0	7	0	—	Dull, then fine.
15	66	46	45.2	48.5	30.2	49.0	2.0	0.1	.256	.339	85	99	SW	1	W	3	10	10	33. Sunless day. ☉ afternoon and n.	
16	50	42	46.8	46.8	41.5	52.3	3.7	0.3	.237	.313	74	98	NW	3	Calm	0	6	10	30. Sunny a. Dull, with ☉ p. [and n.]	
17	37	10	52.0	45.1	45.0	39.8	2.5	0.4	.323	.290	82	97	SW	5	NW	2	6	10	53. Cloudy, then fine. ☉ afternoon	
18	36	43	45.0	42.0	41.6	52.9	1.8	0.5	.258	.256	87	96	NW	4	NW	1	8	10	56. Fine a. ☉ afternoon and n.	
19	60	75	47.1	43.5	39.2	52.4	3.4	0.0	.245	.283	77	100	W	4	NW	4	6	5	05. Cloudy, then fine. ☉ n.	
20	29.85	29.95	42.0	44.1	39.0	45.9	1.2	0.9	.240	.268	90	93	N	5	N	3	10	10	22. Cold and sunless. ☉ n.	
21	30.17	30.26	46.8	38.0	37.5	53.3	2.9	0.7	.254	.214	79	94	NE	2	NW	2	6	2	—	Sun and cloud.
22	17	05	50.0	50.2	36.0	54.4	3.3	0.5	.279	.351	77	96	W	2	W	1	6	10	29. Sunless day. ☉ p.	
23	15	23	51.3	58.5	48.1	62.4	0.7	1.7	.360	.437	95	89	Calm	0	Calm	0	10	10	—	
24	25	23	58.1	54.0	49.5	68.5	1.9	1.5	.425	.374	87	89	NW	1	W	3	7	0	—	Dull a, then fine.
25	32	30	57.5	51.2	43.5	64.4	3.5	3.5	.371	.289	79	77	NW	3	NW	2	5	4	—	Fine and pleasant.
26	30.23	30.07	56.0	57.0	42.2	64.6	3.2	3.2	.358	.371	80	80	Calm	0	Calm	0	4	6	—	Sun and cloud.
27	29.95	29.78	58.1	56.1	52.5	69.5	3.4	3.4	.382	.355	80	79	W	2	W	3	8	0	—	Fine and warm.
28	63	52	54.8	52.5	47.4	64.4	3.0	2.7	.346	.324	80	81	W	2	W	4	5	10	—	Cloudy day.
29	72	74	54.0	50.4	45.0	63.6	4.8	2.7	.294	.298	70	81	W	4	NE	3	5	10	26. Cloudy day. ☉ afternoon. ☉ n.	
30	58	48.5	57.0	47.0	62.4	0.6	0.5	325	.449	95	96	NE	1	Calm	0	10	4	10	28. Dull a. ☉ afternoon.	
31	29.62	29.74	65.0	60.0	52.1	71.0	3.2	1.8	.501	.459	82	89	S	2	SE	3	6	2	10. Fine and warm.	
Mean	29.842	29.834	49.0	45.7	39.5	55.8	2.5	1.6	.291	.279	82.4	87.9	2.5	1.4	6.6	5.0	4.38			

CHURCHSTOKE.—MAY 1902.

Height above Mean Sea Level, 538 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5' W. Lat. 52° 31' N. Gravity Correction, +0.18 in.

1	29.18	29.25	46.0	39.9	39.7	53.6	3.8	1.0	228	225	78	92	W	2	W	1	6	2	.050	Breezy day.
2	29.14	.05	50.7	42.6	38.7	55.4	2.6	1.9	304	232	82	85	W	2	W	1	8	4	.270	☉ early a.
3	28.95	.15	42.2	42.5	41.0	51.1	1.0	1.8	247	233	92	86	WSW	2	WSW	1	10	4	.590	☉ Δ ² storms.
4	29.35	.49	45.6	38.0	38.0	50.6	3.9	2.1	223	188	72	82	W	1	W	1	5	2	.060	—
5	.44	.63	45.7	40.6	35.8	48.9	3.2	2.9	236	196	77	77	W	4	NW	1	5	9	—	Squally. Cold wind.
6	.68	.65	42.5	33.7	32.8	51.1	3.9	1.0	195	172	71	89	NW	2	NW	2	6	6	.053	Cold wind, Δ storms a. and p.
7	.70	.73	40.5	41.1	31.3	49.1	2.8	0.4	196	249	78	92	NE	2	NNW	1	8	10	.230	☉. Cold wind.
8	.72	.75	41.8	43.0	38.7	49.0	3.7	2.3	192	228	72	82	N	2	N	1	8	10	—	Cold wind. ∞
9	.65	.62	45.6	36.8	29.6	52.0	4.4	0.3	213	213	70	97	NW	2	NW	1	4	4	.105	☉. Cold evening.
10	.62	.53	45.1	36.8	33.8	49.1	5.6	1.1	188	196	63	90	NW	2	NW	1	6	4	—	—
11	.39	.31	48.7	42.6	28.8	53.4	7.0	1.9	196	232	57	85	NE	2	NW	1	5	10	—	Bright, with ∞.
12	.31	.40	47.7	37.2	37.2	52.7	5.0	0.7	222	208	67	93	NE	2	NW	2	10	8	.010	Δ showers. Cold wind.
13	.36	.37	43.6	30.2	29.8	48.5	2.9	0.5	222	154	78	91	W	1	N	1	10	0	—	Cloudy, with ☉ ⁰ . Very cold evening.
14	.31	.30	36.8	36.8	28.9	52.1	2.1	1.2	179	195	81	89	WNW	2	W	1	8	10	.125	Cold wind.
15	.11	29.00	42.4	46.2	35.7	56.1	0.9	0.5	251	301	93	96	SW	1	SW	1	10	1	.090	Dull, with ☉ ² showers.
16	29.06	28.93	50.3	48.2	42.4	55.3	3.6	3.5	276	256	75	76	W	1	SW	2	10	10	.180	Cloudy, with ☉ showers.
17	28.84	28.67	49.5	40.6	39.0	56.6	4.6	0.9	247	234	70	93	W	4	SW	4	6	10	.402	☉ ² p.
18	29.01	29.13	48.9	39.0	38.4	53.0	6.4	0.5	208	227	60	95	NNW	3	SE	1	5	10	.200	Bright and fresh. ☉ Δ p.
19	.32	.39	48.2	40.8	37.8	52.6	5.5	3.1	218	193	64	76	NW	4	NW	2	6	9	.260	Bright, but with cold wind.
20	.46	.63	45.6	37.6	34.2	51.1	4.9	0.9	204	208	66	92	NNW	4	W	1	6	0	—	Δ ✕ storms early a. Bright.
21	.72	.78	47.5	40.6	37.0	57.6	3.8	2.4	242	205	74	81	NE	2	W	1	8	1	.020	—
22	.72	.63	48.7	52.6	36.8	54.0	2.0	0.8	294	374	85	94	SW	1	SW	1	10	10	.240	Steady ☉.
23	.72	.84	58.8	55.6	52.6	67.1	2.8	2.4	410	373	83	84	NW	2	SW	2	9	10	—	Dull and warm.
24	.84	.86	61.8	50.7	49.8	67.7	5.5	1.4	381	333	69	90	NW	2	NW	1	6	1	—	Bright and warm.
25	.89	.84	56.7	46.0	46.0	61.9	8.0	2.5	260	253	56	81	NW	2	NW	1	4	0	—	Bright, with cool breeze.
26	.76	.50	55.7	53.1	39.0	62.2	5.7	2.4	295	339	66	83	WNW	1	WSW	3	9	4	—	Cloudy day.
27	.48	.21	56.0	50.5	50.1	60.9	4.8	3.5	318	280	71	76	W	2	SW	4	9	8	.042	Cloudy, breezy, and threatening.
28	.09	.12	50.9	46.9	46.7	58.1	1.6	2.6	331	261	89	81	W	2	W	2	8	1	—	—
29	.23	.23	48.1	45.5	40.7	58.0	2.2	1.8	283	263	84	87	W	2	W	1	8	10	.090	Cloudy, with ☉ ⁰ .
30	.14	.10	46.6	46.4	44.1	48.3	0.9	0.7	296	298	93	94	SW	1	NE	1	10	10	.470	Steady ☉. Cold wind.
31	29.08	29.22	53.5	56.0	44.8	62.9	0.7	1.4	389	407	95	90	SE	1	ESE	1	10	10	.460	Cloudy, with ☉.
Mean	29.394	29.400	48.1	43.2	38.7	54.8	3.7	1.6	256	249	75.0	87.2	2.0			1.5	7.5	6.1	3.953	

NOTE.—The hygrometrical values for Hillington are somewhat doubtful.

CAMBRIDGE.—MAY 1902.

Height above Mean Sea Level, 83 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 9½ inches.
Long. 0° 6' E. Lat. 52° 13' N. Gravity Correction, +0.19 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.		
							Dep. of Wet.		Vapour Pressure.	Percentage.								
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.				
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%				ins.		
1	29.59	29.72	50.0	42.0	41.3	55.3	4.8	1.6	249	233	69	88	NW	4	NNE	2	ins.	
2	68	55	43.8	45.0	31.3	57.3	1.6	1.7	250	260	88	87	S	3	WSW	2	1005	
3	48	55	51.7	43.7	38.3	57.2	4.7	1.1	269	260	70	91	WSW	5	SW	2	1005	
4	79	29.96	47.0	38.8	37.9	52.2	3.0	1.1	253	215	79	91	N	3	NE	1	1006	
5	29.91	30.09	49.0	35.3	34.7	54.6	3.8	1.2	259	183	74	89	W	4	N	2	1006	
6	30.12	30.10	41.2	36.8	29.7	52.4	1.8	0.6	221	206	86	95	N	3	NW	2	1007	
7	10	16	43.1	39.0	30.6	53.7	1.1	1.1	254	216	91	91	N	5	N	2	1007	
8	13	20	46.7	38.5	37.1	54.1	2.3	1.5	266	203	84	87	N	4	N	2	1008	
9	12	09	44.9	38.1	35.3	53.0	3.6	1.3	221	203	74	88	N	3	N	2	1009	
10	30.08	30.01	44.8	42.0	31.4	52.0	4.4	2.4	207	218	69	82	N	4	N	2	1010	
11	29.93	29.83	48.8	45.4	33.5	53.8	7.3	2.2	194	253	57	84	N	1	NE	2	1011	
12	78	86	44.3	39.0	38.0	55.7	1.2	1.3	263	212	91	90	N	3	N	2	1012	
13	85	84	47.3	35.1	31.0	49.0	5.1	1.0	216	185	66	90	NW	2	N	1	1013	
14	83	81	42.7	36.4	28.1	50.0	2.5	0.6	222	204	81	95	W	1	SSW	1	1014	
15	67	49	45.1	50.2	30.4	53.8	1.4	0.7	267	346	89	96	S	1	SW	2	1015	
16	57	37	50.4	51.2	42.4	56.7	3.5	0.5	280	363	77	96	NW	2	SW	3	1016	
17	34	14	52.3	47.2	46.0	58.1	5.0	3.8	266	239	69	74	W	5	SW	4	1017	
18	40	52	46.9	41.8	40.2	56.2	3.3	0.8	247	247	78	94	NW	5	N	1	1018	
19	67	29.80	49.7	42.8	38.7	53.3	3.5	1.4	272	245	76	89	N	6	NNW	2	1019	
20	29.87	30.04	43.6	44.6	36.3	46.9	2.9	2.0	222	250	78	85	N	5	N	3	1020	
21	30.19	29.60	40.0	43.2	36.4	53.8	3.7	1.5	261	247	75	89	N	4	NE	1	1021	
22	23	09	52.1	50.3	36.3	55.7	5.5	0.2	237	358	66	98	W	2	SW	1	1022	
23	17	26	54.0	57.2	49.3	65.0	0.6	1.3	400	429	96	91	Calm	0	WSW	2	1023	
24	31	31	61.3	57.2	49.1	69.7	3.4	3.8	433	359	80	76	N	3	NW	3	1024	
25	36	32	61.0	50.4	49.9	66.6	6.2	4.4	353	261	66	72	NW	3	NNW	1	1025	
26	26	30.10	58.7	59.1	41.7	67.4	6.5	5.2	316	351	63	71	NW	2	NW	2	1026	
27	30.00	29.80	60.4	56.0	47.4	69.8	4.2	3.7	396	348	75	77	W	2	SW	1	1027	
28	29.63	63	58.0	51.9	45.9	65.0	4.4	2.9	357	311	74	81	SW	5	SW	3	1028	
29	74	76	57.7	54.3	44.0	64.3	5.5	1.6	326	377	68	89	SW	1	SE	1	1029	
30	61	57	51.3	56.8	47.3	62.4	0.2	0.3	371	453	98	98	NNE	1	E	1	1030	
31	29.62	29.72	63.0	63.0	51.5	73.0	1.9	2.0	509	506	89	88	S	2	E	1	1031	
Mean	29.871	29.868	50.3	46.2	39.1	57.7	3.5	1.8	286	282	77.3	87.5	3.0		1.8	9.1	5.2	3.653

WOOLACOMBE.—MAY 1902.

Height above Mean Sea Level, 59 feet. Heights above Ground:—Bar., 20 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 4° 12' W. Lat. 51° 10' N. Gravity Correction, +016 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.			9 a.m.	9 p.m.	
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.				9 p.m.
	ins.	ins.							in.	in.	%	%				ins.			
1	29.78	29.81	49.5	47.7	46.4	50.8	1.0	0.8	3.28	3.11	93	94	W	4	W	3	9	10	Fog on hills at intervals.
2	76	67	49.7	47.5	47.2	52.0	1.0	1.7	3.30	2.87	93	87	SW	4	W	4	9	3	03
3	53	29.72	49.3	47.9	45.2	51.4	2.2	2.1	2.96	2.83	85	84	SW	4	W	2	6	7	04
4	29.91	30.07	46.7	46.3	44.4	51.0	2.3	3.9	2.65	2.29	83	73	NW	3	NW	2	6	0	04
5	30.06	30.18	48.7	43.1	43.0	50.6	1.9	3.7	2.96	2.01	86	73	W	4	NE	1	4	4	—
6	23	20	45.7	45.3	42.6	50.6	3.5	3.3	2.31	2.31	75	76	NW	4	NW	3	3	7	05
7	25	26	43.7	47.3	38.0	51.6	3.3	4.5	2.16	2.27	76	70	N	3	NE	3	3	4	44
8	24	24	46.7	46.7	41.0	52.4	2.5	2.9	2.61	2.53	81	79	NW	4	N	2	6	3	—
9	18	09	48.7	43.1	42.4	51.6	5.9	1.9	2.15	2.37	82	85	NW	3	NE	2	7	8	03
10	30.14	30.04	47.3	41.7	38.2	50.8	4.3	2.9	2.31	2.05	71	77	NE	3	NE	2	4	2	—
11	29.94	29.85	47.3	48.1	38.2	52.4	3.9	1.7	2.38	2.94	73	88	W	1	SW	1	10	10	03
12	82	89	48.5	46.9	46.2	54.4	2.3	2.5	2.85	2.63	83	81	NW	2	NE	1	8	6	—
13	93	93	46.3	45.5	41.4	51.8	3.5	5.5	2.36	1.93	75	63	NW	3	NW	3	9	5	14
14	86	86	45.3	46.7	42.6	51.2	0.9	4.5	2.81	2.21	93	69	SW	3	W	3	10	4	14
15	68	61	50.3	49.7	42.0	51.8	1.0	1.8	3.38	3.11	93	88	W	4	W	4	10	7	03
16	65	57	51.5	49.9	48.8	52.2	1.8	1.2	3.34	3.28	88	92	SW	3	W	4	9	10	40
17	46	31	49.7	47.3	45.8	52.8	1.2	2.5	3.25	2.67	92	81	SW	4	W	5	10	3	08
18	65	69	48.7	45.1	43.4	51.4	3.3	2.7	2.65	2.40	77	80	NW	4	NW	4	1	4	05
19	29.89	29.96	49.3	47.7	43.0	53.0	4.3	4.9	2.51	2.24	71	67	NW	5	NW	4	1	6	—
20	30.00	30.17	48.3	45.5	43.0	52.8	4.9	4.3	2.29	2.14	68	70	NW	4	NW	2	5	2	—
21	28	33	49.9	46.3	43.2	52.6	3.7	3.3	2.70	2.40	74	77	NW	3	W	2	2	0	—
22	28	23	52.7	51.7	46.0	54.0	2.0	1.0	3.44	3.57	86	93	SW	3	SW	1	9	10	18
23	29	38	54.5	50.7	50.0	59.0	1.2	1.0	3.89	3.44	92	93	N	3	Calm	0	10	0	—
24	42	43	53.1	52.3	49.6	55.4	1.6	1.6	3.60	3.49	89	89	NW	2	W	2	3	9	—
25	44	42	54.3	49.9	49.9	56.0	4.2	1.6	3.11	3.18	73	89	NW	2	N	1	0	3	—
26	33	30.22	54.7	51.7	46.0	56.0	3.0	0.6	3.45	3.67	80	96	W	1	W	2	3	10	—
27	30.07	29.83	55.5	51.7	48.8	57.0	2.0	1.6	3.82	3.42	87	89	SW	2	SW	3	8	10	03
28	29.68	29.69	51.5	50.7	50.2	56.4	0.8	2.6	3.60	3.04	94	82	SW	3	SW	3	10	3	—
29	78	71	52.5	49.5	48.6	55.2	4.8	2.7	2.75	2.88	70	81	W	2	NE	1	3	8	05
30	64	56	50.5	49.5	47.2	52.4	3.2	1.0	2.87	3.28	78	93	Calm	0	W	2	6	10	—
31	29.56	29.58	51.3	57.5	48.0	61.0	1.8	2.4	3.31	4.01	88	85	SE	1	NE	3	8	10	28
Mean	29.959	29.951	49.7	48.1	44.8	53.3	2.7	2.5	2.94	2.79	81.6	82.1	2.9	2.4	6.2	5.7	2.09		

SOUTHAMPTON.—MAY 1902.

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24' W. Lat. 50° 55' N. Gravity Correction, +016 in.

1	29.69	29.76	52.1	50.1	48.9	59.4	2.3	4.6	3.29	2.54	84	70	NW	3	NW	3	9	10	0.50	● showers a.
2	29.74	29.65	56.8	47.6	42.6	59.3	4.7	2.6	3.33	2.68	72	82	W	3.5	W	3	7	1	0.70	● showers. Bright intervals.
3	29.57	29.64	52.4	46.9	41.7	55.3	4.9	2.5	2.73	2.63	70	83	SW	4.5	NW	4	8	1	2.30	▲ ² ● showers all day. Bright
4	29.83	30.00	53.8	47.0	38.8	57.2	4.9	2.8	2.89	2.57	70	80	NW	3	NW	3.5	8	10	0.05	● showers. Sunny day. [intervals.]
5	30.00	30.14	51.4	41.8	36.7	57.1	4.5	1.8	2.70	2.27	71	86	NW	4.5	NNW	4	10	5	0.18	● showers. Sunny, with cold wind.
6	29.15	29.14	49.2	43.6	38.1	52.9	5.3	3.5	2.31	2.11	66	75	N	3	NNW	2	5	10	0.05	● showers. Sunny, with cold wind.
7	29.16	29.19	47.0	41.5	35.6	53.2	4.9	1.3	2.16	2.34	68	90	NNW	4	NNE	3.5	5	10	0.150	● showers a. and p. T ▲ 3p.
8	29.16	29.19	48.0	43.4	36.7	53.9	4.0	1.6	2.43	2.47	73	87	NNE	4	NNE	4	5	1	0.060	● showers. Bright intervals.
9	29.15	29.08	45.7	44.3	37.7	54.7	3.3	2.6	2.35	2.35	77	80	NE	4	NE	4	10	10	0.020	Dull a. ● showers p.
10	29.10	29.01	48.1	43.6	34.5	53.7	5.7	3.6	2.12	2.09	63	74	NE	4	NE	3	5	7	0.07	Fine and bright, but with cold wind.
11	29.95	29.86	49.2	46.5	39.9	54.3	4.9	2.5	2.39	2.59	68	82	NE	3.5	SW	3	10	10	0.062	Fine day. ● ⁰ from 11p.
12	29.78	29.86	46.4	45.4	45.4	56.2	0.9	2.9	2.94	2.40	94	80	WSW	2	NNE	3.5	10	0	0.018	● ⁰ till 10a.
13	29.90	29.87	52.8	42.3	35.5	56.9	4.9	1.1	2.78	2.46	70	92	NNW	3	NNW	3	5	10	0.105	Fine a. ● ⁰ showers p.
14	29.86	29.84	47.8	44.8	32.4	51.5	4.1	1.5	2.40	2.62	72	88	NW	3	W	3	10	10	0.110	— ⁰ a. ● ⁰ p.
15	29.70	29.59	44.2	50.9	39.9	57.3	0.7	1.2	2.75	2.43	95	92	SW	3	SW	4	10	10	0.060	● ⁰ a. and p.
16	29.64	29.52	53.8	53.0	45.5	58.0	3.1	1.6	3.30	3.58	79	89	W	3.5	SW	3.5	10	10	0.110	● noon-5p.
17	29.47	29.26	53.5	46.0	40.0	56.5	4.0	2.1	3.05	2.63	74	85	NW	4	W	4	10	7	0.830	● ⁰ (force 7) p.
18	29.52	29.58	53.3	42.7	41.8	58.0	5.7	0.9	2.66	2.55	65	92	NW	4	NW	4	7	10	0.120	Sunny day. ● ² 8p.
19	29.77	29.87	51.6	46.4	40.4	58.3	5.0	3.1	2.63	2.46	70	79	NW	5	NW	3	7	8	0.005	Bright and sunny.
20	29.93	30.08	51.8	47.0	40.0	56.1	5.4	3.7	2.56	2.39	67	75	NNE	4	NW	3.5	5	8	—	Sunny, Cloudy, with cold breeze p.
21	30.23	30.28	56.8	50.1	38.1	58.2	8.9	4.4	2.46	2.58	54	71	NE	3.5	NW	3	1	7	—	Beautiful day.
22	29.19	29.16	53.1	52.6	41.8	57.2	6.0	0.5	2.58	2.83	64	97	SW	3	W	2	10	10	0.310	● p.
23	29.32	29.36	57.3	52.1	43.5	58.8	1.2	1.2	4.36	3.95	92	82	NW	3	NNW	2	10	5	0.008	● till 10a. ● ⁰ p.
24	29.37	29.35	60.0	58.7	51.9	72.3	3.6	2.8	4.06	4.09	78	82	N	3	NW	3	10	5	—	Fine and sunny.
25	29.41	29.33	59.5	57.4	48.7	72.0	3.1	4.1	4.13	3.55	81	75	NW	2.5	NW	3	10	10	—	Beautiful day.
26	29.31	29.18	64.1	56.7	46.5	69.1	9.0	5.8	3.29	3.07	55	67	NW	2	NW	3	1	1	—	Beautiful day.
27	30.07	29.88	64.6	54.0	48.4	68.3	7.4	2.9	3.75	3.37	62	81	W	3	SW	3	2	0	—	Beautiful day.
28	29.72	29.68	61.7	54.0	47.6	62.5	5.8	1.1	3.73	3.85	68	92	SW	4	SW	3	8	10	0.035	Sunny a.
29	29.77	29.75	58.0	51.0	48.8	63.4	5.9	1.3	3.20	3.41	67	91	SW	3	SW	3	9	10	0.160	Fine a. ● from 4p.
30	29.60	29.51	53.8	56.2	48.4	60.1	1.3	0.8	3.78	4.28	91	95	NE	2	N	2	10	10	0.105	● till 9a. and from 3p.
31	29.60	29.62	52.8	59.4	52.1	63.2	0.6	1.1	3.83	4.71	95	94	SW	3	ENE	3.5	10	10	0.200	● ⁰ a.
Mean	29.923	29.908	53.2	49.1	42.7	59.0	4.4	2.4	3.00	2.98	73.5	83.8	3.4	3.2	7.6	7.3	2.876			

PLYMOUTH.—MAY 1902.

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 0 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 4° 8' W. Lat. 50° 22' N. Gravity Correction, +015 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.			9 a.m.	9 p.m.	
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.							9 a.m.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.		
1	29.76	29.79	53.2	47.4	42.0	55.2	3.1	0.4	.323	.317	80	97	NNE 5	Calm 0	10	10	.04	Overcast and unsettled. 0 n.	
2	.75	.67	52.3	46.1	46.0	57.1	4.1	2.3	.289	.260	73	84	WNW 4	W 4	10	3	.03	Cloudy, with 0 showers.	
3	.55	29.66	48.6	46.3	44.9	56.0	2.3	1.8	.287	.272	84	88	WSW 6	NW 3	9	0	—	0 showers. Sunny day.	
4	29.55	30.01	48.3	42.9	41.7	52.5	6.3	3.9	.204	.198	60	72	N 5	N 3	4	0	—	Sunny all day. Cold wind.	
5	30.01	.13	51.4	43.0	35.5	53.1	5.4	4.9	.251	.183	66	66	WNW 5	N 2	4	0	.12	0.2 showers a. Sunny p.	
6	.16	.17	46.0	42.3	37.8	50.9	6.0	3.7	.190	.197	61	74	N 5	NNW 3	6	3	—	Fine and sunny, but cold.	
7	.15	.19	46.9	44.8	35.5	52.0	6.9	3.1	.182	.230	56	78	NNE 5	N 4	6	0	.08	Beautifully fine and sunny.	
8	.16	.18	46.1	45.0	40.4	53.2	2.5	3.3	.256	.227	82	76	N 3	NNE 3	7	0	—	Fine and sunny.	
9	.12	.04	48.6	44.0	41.8	52.0	5.3	2.4	.226	.236	66	81	N 2	NE 2	7	10	.01	Fine day. 0 showers n.	
10	30.06	30.00	48.8	42.5	40.0	50.9	6.9	3.2	.200	.207	59	76	ESE 2	N 2	4	0	—	Sunny a.	
11	29.90	29.82	52.2	47.3	35.9	53.8	7.2	1.3	.226	.294	58	91	W 1	Calm 0	6	10	—	Sunny a.	
12	.75	.82	51.4	47.4	41.4	53.5	4.2	4.1	.277	.235	73	73	Calm 0	NE 2	9	3	.18	0.2 showers.	
13	.86	.88	50.3	42.5	38.9	52.0	6.3	4.9	.224	.180	61	66	N 4	N 3	9	2	.11	Fine and sunny.	
14	.81	.83	45.1	44.2	38.6	50.4	1.5	3.4	.265	.218	88	75	SW 4	NW 3	10	7	.19	0 showers.	
15	.66	.60	53.1	49.0	42.8	56.3	2.5	1.6	.336	.308	83	89	NW 3	W 3	10	3	.03	Frequent 0 showers.	
16	.65	.59	53.7	52.0	48.6	55.9	3.5	2.1	.319	.333	77	85	SW 5	W 4	8	10	.30	Sunny, then frequent 0.2 showers.	
17	.49	.30	52.2	45.9	44.0	56.2	2.2	2.4	.332	.256	85	84	SW 4	W 5	10	4	.29	Squally 0.2 showers.	
18	.60	.63	49.8	44.0	42.7	54.7	3.3	2.0	.278	.244	79	84	WNW 5	N 5	6	9	.04	Squally 0.2 showers.	
19	.84	29.92	49.3	45.9	42.2	53.6	0.4	3.1	.341	.242	97	79	N 3	NW 3	6	4	.03	Fine and sunny.	
20	29.93	30.09	45.7	43.6	39.0	53.0	3.3	4.1	.235	.201	77	71	N 5	N 4	8	0	—	Very fine and sunny all day.	
21	30.20	.29	52.3	45.0	39.0	56.4	6.6	3.2	.228	.229	62	77	N 3	N 2	3	2	—	Fine and sunny.	
22	.27	.20	53.3	53.0	40.3	55.7	2.8	1.1	.331	.371	81	92	W 2	NW 2	10	10	.04	0 showers.	
23	.19	.31	58.5	57.0	52.2	58.8	2.3	2.1	.420	.402	85	86	N 5	N 3	10	1	—	Dull, then sunny.	
24	.35	.40	63.4	52.0	48.9	64.5	5.6	1.3	.405	.353	69	91	N 3	NNW 3	7	3	—	Fine and sunny.	
25	.39	.36	59.3	50.0	49.2	63.7	6.3	2.9	.327	.288	65	81	NNW 4	NNW 2	0	1	—	Fine and sunny.	
26	.27	30.19	59.1	53.8	45.1	65.0	4.5	5.7	.369	.271	73	66	Calm 0	NW 1	1	0	—	Fine and sunny all day.	
27	30.06	29.87	59.1	49.0	48.5	60.5	5.7	2.0	.339	.298	68	86	WSW 3	W 3	5	8	.01	Bright and sunny all day.	
28	.69	.68	52.5	50.1	48.5	56.4	0.9	2.5	.370	.299	93	83	SW 5	W 1	10	8	.02	0 till noon.	
29	.71	.70	52.7	51.2	43.8	55.9	3.8	.8	.301	.283	75	75	SSW 3	Calm 0	8	10	—	Fine day.	
30	.59	.53	52.3	48.9	47.0	56.3	4.4	1.8	.282	.302	72	88	NNE 2	N 3	10	9	.03	Frequent 0 showers.	
31	29.51	29.47	54.8	57.0	47.2	59.8	5.2	3.6	.295	.361	69	77	N 1	NE 5	3	9	.25	Sunny day. 0 in evening.	
Mean	29.912	29.913	51.9	47.5	42.9	55.7	4.2	2.8	.288	.268	73.5	80.4		3.5	2.7	7.0	4.5	1.83	

MARKREE CASTLE.—MAY 1902.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27' W. Lat. 54° 11' N. Gravity Correction, +.024 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.			
							Dep. of Wet.	Vapour Pressure.		Percentage.									
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.		9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		9 a.m.		
	ins.	ins.							in.	in.	%	%					ins.		
1	29.76	29.66	47.8	49.4	46.0	55.2	1.1	2.0	3.06	3.03	92	87	NW	2	SSW	2	10	10	ins.
2	54	41	48.5	45.0	43.5	53.6	4.5	1.6	239	262	70	88	W	3	S	0.5	9	8	13
3	52	74	48.9	42.0	40.7	52.7	3.9	2.9	256	209	74	79	NNW	3	NW	1	7	4	31
4	29.95	29.97	47.8	44.5	36.0	53.8	5.0	1.1	253	268	68	91	NW	2	NW	0.5	6	7	02
5	30.09	30.21	49.0	43.8	41.6	53.0	5.6	4.6	224	194	64	67	NW	1	N	2	4	3	09
6	26	26	46.2	40.4	36.8	51.3	5.4	2.6	202	199	65	80	N	2	NNW	1	7	3	03
7	32	33	48.1	41.4	34.8	52.9	6.3	3.2	202	198	61	76	NW	2	N	1	6	5	03
8	29	25	46.2	45.3	40.4	52.9	3.8	1.9	231	259	75	86	NW	1	NW	1	9	10	14
9	12	30.14	50.3	42.4	42.3	54.5	1.3	1.4	331	241	91	89	NW	3	Calm	0	10	6	—
10	30.13	29.97	50.0	47.8	31.5	53.1	5.2	0.9	241	311	67	93	NW	1	Calm	0	6	10	11
11	29.88	29.85	50.0	45.9	35.9	53.9	1.5	2.7	322	249	90	81	NW	2	NE	3	10	7	—
12	90	98	50.5	42.8	42.3	55.2	5.1	4.3	248	192	67	71	NW	2	N	3	6	8	—
13	97	82	44.8	42.5	41.0	55.3	3.0	1.1	232	248	79	91	N	1	Calm	0	9	10	13
14	89	67	46.8	49.0	35.0	49.9	5.9	1.2	198	317	62	92	Calm	0	NW	2	10	10	39
15	50	57	51.4	48.0	47.9	54.3	0.4	0.8	369	314	97	94	Calm	0	Calm	0	10	10	21
16	35	36	47.2	47.8	45.3	55.0	0.7	2.3	308	277	96	84	SSE	2	W	3	10	10	—
17	18	34	51.0	45.8	43.8	54.2	4.1	3.0	274	243	73	80	SSW	1	WNW	1	10	4	19
18	61	29.84	39.2	43.8	39.2	53.2	0.4	2.8	232	226	96	78	W	1	NW	2	9	2	08
19	29.98	30.03	50.4	40.4	40.2	51.8	5.7	3.0	236	192	65	77	NE	4	Calm	0	6	2	02
20	30.08	29.19	47.5	43.5	37.5	51.4	5.6	3.0	208	220	64	77	N	3	Calm	0	7	9	—
21	21	14	49.2	50.2	39.9	58.3	6.2	1.5	215	325	61	90	Calm	0	S	2	5	10	08
22	11	14	55.6	54.5	39.9	58.0	1.6	0.5	396	410	98	96	Calm	0	Calm	0	10	10	05
23	24	30	57.2	53.0	53.0	58.8	1.7	1.5	418	361	89	90	NW	1	Calm	0	8	10	—
24	25	31	60.0	50.0	49.9	63.9	4.2	2.8	390	291	75	81	S	2	WNW	2	10	9	—
25	34	30.29	51.0	48.2	44.1	58.2	1.5	1.4	336	302	90	91	WNW	2	Calm	0	6	4	04
26	30.12	29.97	56.5	53.2	43.6	62.3	2.3	0.7	390	386	85	96	Calm	0	SW	4	8	10	01
27	29.76	29.46	56.8	51.0	50.3	61.5	3.8	1.2	354	343	76	92	S	4	W	3	10	10	20
28	43	57	52.0	42.8	42.7	54.4	4.0	2.0	287	233	74	85	W	3	Calm	0	5	3	14
29	68	71	52.4	42.2	37.0	54.8	5.6	0.9	259	250	66	92	NW	1	Calm	0	7	5	23
30	68	71	51.2	46.0	38.7	51.2	4.2	2.0	274	265	73	86	Calm	0	NE	2	8	10	30
31	29.66	29.80	43.5	48.0	41.3	49.5	0.1	1.8	280	290	99	87	N	4	NE	1	10	10	20
Mean	29.84	29.902	49.9	46.1	41.4	54.8	3.5	2.0	280	270	77.2	85.4	1.7	1.2	8.0	7.4	3.23		

DUBLIN (PHENIX PARK).—MAY 1902.

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

1	29.67	29.64	48.3	48.1	45.9	52.9	2.0	0.7	2.89	3.18	86	95	W	1	Calm	0	9	10	100	ga. 11a., and 7p.-10p.
2	29.50	29.40	48.5	44.4	43.5	52.6	3.0	0.6	2.70	2.36	80	81	W	1	WSW	1	7	10	095	showers 11a.-3p., and from 6p.
3	29.40	29.66	47.3	42.5	41.9	53.0	2.6	2.9	2.65	2.12	82	79	NNW	1	NW	1	6	2	080	showers till 5a. Δ^2 showers [noon-4p.]
4	29.88	29.92	44.5	46.7	35.2	52.7	5.2	2.1	1.89	2.28	64	73	N	2	NW	0	6	6	—	Fine, but cloudy.
5	30.02	30.14	45.6	40.0	39.5	52.0	6.3	4.2	1.82	1.69	60	68	NNW	2	NW	1	2	2	—	Bright a. Cloudy p.
6	29.19	29.17	44.5	39.4	34.2	49.7	4.5	2.3	2.01	1.97	68	82	NW	1	NW	1	6	2	040	Cloudy day. Δ^2 6p.
7	29.24	29.25	45.7	43.9	33.2	53.1	4.4	2.2	2.15	2.02	70	71	N	2	N	1	6	2	005	Cloudy day. \bullet showers 1p.-3p.
8	29.33	29.19	46.1	43.3	33.9	51.8	3.4	3.6	2.37	2.07	76	74	N	1	Calm	0	7	8	020	Cloudy day.
9	29.07	30.06	44.7	39.0	38.3	50.7	1.1	0.5	2.71	2.28	92	96	Calm	0	Calm	0	10	2	015	ga. noon. Cloudy p.
10	30.09	29.92	49.5	42.0	30.1	51.7	5.2	1.8	2.36	2.29	67	86	N	1	Calm	0	5	5	010	Cloudy day. \bullet noon.
11	29.51	29.73	50.1	47.4	39.7	53.0	4.2	0.6	2.62	3.15	72	96	Calm	0	Calm	0	9	10	115	Dull day. \bullet sp.-midnight.
12	29.82	29.90	46.3	44.4	40.3	52.8	2.6	3.7	2.56	2.15	82	73	NNE	2	NNE	1	9	10	—	Cloudy day.
13	29.90	29.80	45.5	43.0	36.3	50.7	5.2	0.7	1.98	2.62	65	94	N	2	Calm	0	5	10	040	Cloudy day. \bullet from 6p.
14	29.82	29.66	45.3	48.6	38.3	51.1	5.1	1.1	1.98	3.15	65	93	NW	1	Calm	0	7	10	125	\bullet till 4a. and from 5p.
15	29.47	29.46	51.3	50.4	42.4	57.8	1.4	2.4	3.42	3.05	90	84	WSW	1	NNW	1	10	9	210	\bullet till 6a. \bullet showers p.
16	29.41	29.32	48.9	49.2	45.1	58.1	1.0	3.6	3.22	2.66	93	76	SW	1	W	1	9	10	105	ga. 11p.
17	29.18	29.20	51.2	49.5	39.8	55.2	5.4	1.8	2.49	2.44	66	86	W	2	NW	2	6	8	250	Cloudy day. \bullet p. Δ sp. and 7p.
18	29.49	29.69	47.4	43.2	39.0	50.6	4.6	3.1	2.26	2.15	70	78	NW	2	NNW	1	6	7	115	Δ^2 \bullet showers a and p.
19	29.88	29.93	49.6	42.2	38.1	54.0	5.9	4.4	2.25	1.85	64	70	NNW	1	Calm	0	6	5	010	\bullet showers 11a.-3p.
20	30.00	30.12	44.0	42.8	36.4	51.3	3.3	3.8	1.83	1.99	63	72	N	2	Calm	0	9	5	—	Cloudy day.
21	29.19	29.21	47.2	46.6	33.9	56.3	5.6	1.2	2.05	2.90	64	92	NW	1	Calm	0	7	8	040	Fine, but cloudy.
22	29.08	29.08	53.4	55.1	45.2	58.1	0.6	0.8	3.91	4.11	96	94	WSW	1	W	1	10	10	030	ga. 11p. \bullet showers p.
23	29.22	29.28	55.6	57.5	53.4	62.7	1.9	2.4	3.89	4.02	87	85	W	1	Calm	0	10	8	—	Dull a. Cloudy p.
24	29.28	29.27	53.6	53.0	49.1	67.0	2.9	1.5	3.33	3.61	80	90	WSW	1	Calm	0	9	7	—	Cloudy day.
25	29.32	29.28	54.4	46.7	40.8	60.6	5.9	1.2	2.75	2.91	65	92	W	1	Calm	0	5	4	—	Fine, but cloudy.
26	30.17	29.99	50.9	53.7	42.1	61.8	3.7	2.1	2.82	3.54	76	86	SW	1	WSW	2	10	10	—	Dull day.
27	29.80	29.49	58.5	55.0	51.4	62.8	5.4	3.2	3.39	3.44	69	80	WSW	2	SW	2	5	10	060	Cloudy day. \bullet showers from 9p.
28	29.44	29.50	52.5	45.2	44.7	57.9	4.9	1.4	2.74	2.69	90	90	WSW	2	Calm	0	7	8	110	Δ \bullet showers.
29	29.65	29.67	50.2	45.9	36.7	56.6	4.9	3.2	2.49	2.40	69	78	Calm	0	Calm	0	6	8	620	Cloudy day.
30	29.57	29.58	46.1	46.0	39.4	48.3	1.0	0.7	2.88	2.94	93	95	Calm	0	NE	1	10	10	565	Δ^2 4a.-9a. and from 2p.
31	29.49	29.68	48.3	49.8	44.3	52.9	0.6	1.0	3.24	3.33	96	93	NE	1	NE	1	10	10	175	Δ^2 5a.-9a.
Mean	29.847	29.845	48.9	46.4	40.4	54.8	3.7	2.3	2.63	2.69	75.5	83.9	1.2	0.6	7.4	7.1	2.935			

NOTE.—The barometer readings for Markree Castle are somewhat doubtful.

BIRR CASTLE.—MAY 1902.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar., -2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 inches.
Long. 7° 55' W. Lat. 53° 6' N. Gravity Correction, +.021 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.		
							Dep. of Wet.		Vapour Pressure.		Percentage.									
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	50.0	49.0	44.8	51.2	0.9	2.7	337	283	94	81	W	4	W	4	10	10	ins.	● showers.
2	29.69	29.66	50.0	49.5	44.8	44.3	52.7	5.3	1.1	234	66	92	W	4	W	3	5	6	170	● showers.
3	29.69	29.66	50.0	49.2	41.9	39.3	54.3	3.7	2.1	264	224	75	85	NW	3	NW	3	7	0	—
4	29.91	29.95	46.7	46.0	35.0	52.5	5.6	3.0	202	244	64	79	NE	3	NE	3	5	8	—	Fine and bright.
5	30.04	30.16	49.0	39.7	36.0	52.7	7.6	2.5	190	196	55	80	NW	2	NW	2	4	3	050	Fine and bright a. ● showers p.
6	21	20	45.8	41.9	32.9	50.9	3.9	2.2	225	222	73	85	NW	2	NW	3	7	5	—	Fine, bright, and cool.
7	28	31	46.2	42.7	31.9	53.9	4.6	2.0	216	232	70	85	NW	2	N	3	7	3	—	Fine, bright, and cool.
8	24	20	45.7	46.9	37.0	54.0	3.8	1.6	226	283	73	89	W	2	W	2	7	10	124	Fine, bright, and cool.
9	05	30.03	49.6	45.6	36.8	54.0	0.9	1.2	332	279	94	91	WNW	3	E	1	10	10	170	Overcast, with ●.
10	30.09	29.93	46.9	47.0	32.1	56.4	2.0	0.9	274	301	86	94	NNW	1	NW	2	3	10	113	Fine, but cloudy. ● n.
11	29.81	75	48.7	48.6	45.9	55.2	0.6	2.0	338	294	66	86	W	1	W	2	10	10	030	● showers.
12	82	91	47.0	42.9	41.9	55.2	2.5	4.1	264	196	83	71	NNE	2	N	3	10	1	—	Fine, but cool.
13	91	78	45.7	42.9	34.8	51.2	5.6	0.5	194	265	63	96	N	1	N	2	5	10	155	Fine a. ● n.
14	85	65	45.7	48.2	39.8	51.7	4.1	0.5	220	326	72	97	SW	2	S	2	5	10	172	● showers.
15	48	51	51.2	47.7	47.0	55.6	0.5	1.9	363	285	97	87	SW	2	SW	3	10	4	125	—
16	35	36	48.6	49.0	45.0	55.3	1.7	3.2	302	272	88	78	SSW	2	W	6	10	10	030	0 a.
17	15	27	53.9	48.4	41.2	53.9	4.5	5.5	298	220	71	65	SW	2	NW	2	5	10	178	● showers.
18	55	76	48.7	47.0	39.0	50.2	4.3	6.6	245	187	71	58	NW	4	N	3	8	0	142	▲ showers.
19	29.88	29.96	49.2	41.7	36.4	53.4	5.1	1.9	235	225	67	86	N	2	NNW	2	5	5	—	▲ showers.
20	30.03	30.12	46.1	42.7	35.0	53.2	4.2	2.8	222	216	71	79	NNW	2	NW	1	7	1	—	Fine, but cool.
21	21	14	46.7	51.3	36.1	55.0	4.8	3.4	216	294	68	77	N	2	N	1	3	9	—	Fine and bright.
22	11	13	53.7	53.9	49.0	58.2	1.1	1.1	381	384	92	93	W	3	W	4	10	10	015	Overcast all day.
23	23	30	56.2	52.1	51.4	61.8	1.7	2.1	402	334	89	85	W	1	W	1	10	8	—	—
24	28	30	57.7	51.7	48.8	68.1	3.6	2.1	373	329	78	86	W	1	SW	3	5	9	—	Fine, but cloudy.
25	34	29	55.7	48.2	41.9	57.7	6.3	3.1	285	263	63	79	W	3	W	2	4	0	—	Fine and bright.
26	30.15	30.01	54.0	54.2	43.0	59.8	1.6	2.9	371	340	89	81	W	3	W	4	8	10	—	—
27	29.81	29.49	57.7	52.9	49.8	58.6	5.5	0.5	326	387	68	97	W	4	W	3	9	10	125	Fine, but cloudy.
28	45	51	52.0	44.7	43.2	55.2	5.1	0.9	264	275	69	93	SW	4	W	2	6	9	090	● showers.
29	65	68	51.7	47.9	36.0	57.0	5.7	8.3	249	169	65	51	W	1	W	1	5	10	015	Fine, but cloudy.
30	59	56	50.7	47.0	41.7	55.2	4.3	1.1	266	296	72	92	N	1	E	3	4	10	119	Fine, but cloudy.
31	29.50	29.64	46.0	49.9	42.9	53.8	1.0	0.7	287	341	93	95	N	2	N	2	10	10	065	Overcast all day.
Mean	29.88	29.86	49.9	47.0	40.6	54.9	3.6	2.4	277	272	76.6	83.6	2.3	2.5	6.9	7.1	1.990			

DUNROBIN CASTLE.—JUNE 1902.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56' W. Lat. 57° 59' N. Gravity Correction, +0.034 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep.of.Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.		
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
1	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%	E	E	—	—	ins.	
2	30.21	30.22	46.5	45.0	38.0	52.8	3.5	2.2	.238	.249	76	84	E	E	—	—	.05	Dull, with cold showers p.
3	.08	.21	47.0	48.5	42.0	49.5	0.8	0.5	.303	.328	94	96	E	E	—	—	.37	Dull day, with showers.
4	30.19	30.10	44.2	47.8	39.0	48.5	5.0	0.8	.190	.312	65	94	E	E	—	—	—	Dull a., then fair.
5	29.99	29.89	49.0	48.0	45.0	50.0	0.5	0.5	.335	.322	97	97	S	NW	—	—	.23	☼ (mist) a. Dull, with p.
6	.80	.73	51.0	53.0	44.0	63.0	1.5	1.0	.336	.374	90	93	S	NW	—	—	.52	Dull and warm. ☼.
7	.63	.54	57.8	44.8	41.0	63.8	6.0	1.8	.316	.255	66	86	NW	NE	—	—	.08	Fine a., then cloudy.
8	.53	.70	49.2	47.0	39.2	53.8	4.0	2.0	.257	.275	73	86	NW	E	—	—	.04	Dull, with showers.
9	.77	.84	49.0	43.5	41.5	53.2	3.8	2.5	.259	.229	74	80	SE	NE	—	—	—	Cloudy day.
10	.84	.88	49.0	45.2	38.5	54.0	4.5	2.7	.245	.241	70	81	N	N	—	—	—	Dull and mild.
11	.82	.84	48.2	44.0	39.0	53.5	4.2	1.5	.241	.255	72	88	E	NE	—	—	.03	Dull day.
12	.71	.57	46.8	48.2	40.0	49.5	3.8	1.2	.235	.307	74	92	E	SE	—	—	.19	☼ showers p.
13	.63	.68	49.8	48.2	44.0	51.8	1.0	0.7	.333	.320	93	96	SE	E	—	—	—	Dull day.
14	.66	.68	48.5	50.0	45.0	51.0	0.5	2.8	.328	.291	96	81	SE	E	—	—	.03	Dull a., then fair.
15	.59	.72	47.2	49.2	44.0	50.0	1.7	6.2	.285	.215	89	61	NE	NE	—	—	.08	Dull day. ☼ (mist) p.
16	.78	29.92	49.0	47.0	44.0	50.2	1.0	0.8	.322	.303	93	94	SE	NE	—	—	.34	Dull, with ☼ (mist) ☼.
17	29.94	30.03	46.0	46.0	43.2	49.0	1.0	1.0	.287	.287	93	93	SE	E	—	—	—	Dull day.
18	30.05	30.17	49.2	47.0	41.0	51.0	5.2	1.8	.233	.280	66	87	NE	NE	—	—	—	Fair a., then fine and sunny.
19	30.12	29.97	51.0	50.0	44.2	59.0	4.8	4.0	.259	.265	69	74	S	NE	—	—	—	Fine and sunny.
20	29.85	.85	51.0	49.0	43.0	52.0	2.0	1.0	.323	.322	86	93	SE	E	—	—	—	Dull day. ☼ (mist) p.
21	.85	.90	49.5	47.5	43.5	52.2	2.3	2.3	.297	.274	84	83	SE	SE	—	—	—	Dull, with cold wind.
22	.91	.92	47.5	50.0	42.8	51.8	2.5	1.2	.269	.329	82	92	SE	NE	—	—	—	Dull day.
23	.92	29.90	55.0	55.0	45.0	61.8	3.0	1.0	.349	.403	81	93	SE	S	—	—	.11	Fine a. ☼ p.
24	29.98	30.17	59.0	55.8	47.8	63.0	2.2	1.0	.430	.417	87	94	SE	NE	—	—	.08	Fine a. ☼ p.
25	30.16	.19	59.0	61.0	49.0	61.8	3.0	3.0	.407	.432	82	82	SE	NE	—	—	—	Fine a. Warm p.
26	.16	.15	63.0	61.8	49.0	73.8	4.0	2.0	.443	.485	77	88	SE	SW	—	—	—	Fine and warm.
27	.08	.17	64.0	62.2	55.0	69.8	7.0	4.4	.376	.419	63	75	SE	S	—	—	—	Fine and warm.
28	.16	.26	63.0	62.0	50.8	71.8	6.0	2.2	.387	.481	67	87	S	S	—	—	—	Fine and warm.
29	30.31	30.31	54.0	59.5	47.0	62.0	0.8	7.5	.394	.303	94	59	SE	SE	—	—	—	Dull, with ☼ (mist).
30	30.15	29.98	54.0	60.8	46.0	67.0	4.0	7.8	.310	.313	74	59	SE	SE	—	—	—	Dull a. Fine p.
30	29.90	29.97	59.0	51.0	47.0	71.0	2.0	1.5	.436	.336	88	90	S	S	—	—	—	Fine and sunny.
Mean	29.924	29.948	51.9	50.9	44.0	57.1	3.1	2.3	.314	.321	80.5	85.3	—	—	—	—	2.15	

BRAEMAR.—JUNE 1902.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches.
Long. 3° 24' W. Lat. 57° 0' N. Gravity Correction, +0.030 in.

1	28.95	28.92	40.6	40.4	37.4	47.0	2.0	1.7	212	216	85	87	NE	0.5	NE	1	9	10	0.2	Dull and cold, with showers.	
2	28.86	28.97	44.7	47.8	39.0	56.2	0.2	2.8	292	265	98	80	NE	0.5	SE	0.5	10	2	27	Dull a. Fair p.	
3	28.99	28.88	53.1	53.8	37.0	65.9	2.6	3.1	334	330	82	79	SE	1	SE	0.5	8	3	—	Fine day.	
4	28.80	28.73	65.4	53.8	41.2	67.0	7.6	1.2	382	380	60	91	S	0.5	SE	0.5	6	9	19	☼ showers.	
5	28.65	28.58	59.7	54.6	48.4	64.2	1.4	4.6	467	305	92	72	S	0.5	SW	0.5	4	9	—	Fine day.	
6	28.46	28.30	56.0	48.2	47.9	60.7	6.5	0.9	285	315	63	94	SW	2	E	1	6	10	37	Fair a. ☼ p.	
7	28.35	28.39	42.8	44.7	38.9	51.2	3.3	2.0	208	251	76	86	NE	0.5	E	2	7	8	02	Dull, with ☼.	
8	28.57	28.65	41.8	41.1	40.2	50.1	2.3	2.7	219	203	83	79	E	4	E	2	6	7	—	Fair, but cold.	
9	28.65	28.67	46.5	41.9	35.9	51.1	6.5	3.4	185	200	58	76	N	2	NE	0.5	7	5	—	Fine day.	
10	28.63	28.56	44.6	42.9	37.0	51.8	4.5	2.2	202	230	69	84	N	2	E	0.5	8	9	07	Fine day.	
11	28.52	28.46	46.7	43.8	40.0	55.0	4.0	1.3	230	257	73	90	NW	0.5	S	0.5	9	10	12	Dull and damp.	
12	28.38	28.41	46.7	45.1	41.2	50.4	2.4	0.6	264	286	83	95	S	1	E	0.5	8	10	—	Dull, with ☼.	
13	28.43	28.45	51.6	46.9	44.0	56.3	3.0	2.4	306	265	80	84	E	0.5	N	1	9	8	02	Fine and clear.	
14	28.44	28.40	43.6	46.6	42.6	48.8	2.1	2.1	239	269	84	86	SW	0.5	NW	4	10	9	05	Gusty, with ☼ showers.	
15	28.54	28.63	45.6	46.6	43.3	47.3	0.8	2.5	288	260	94	83	E	0.5	NE	0.5	10	0	10	Dull and damp.	
16	28.70	28.72	47.3	41.6	40.7	47.8	3.2	2.8	252	207	78	80	N	2	N	2	8	8	01	☼ showers.	
17	28.85	28.92	42.6	44.3	38.3	52.5	2.1	3.4	229	220	85	74	NE	2	NE	2	8	2	—	Dull and cloudy a. Clear p.	
18	28.92	28.90	47.7	46.3	32.4	60.3	4.2	2.8	237	252	72	81	NE	0.5	S	1	1	0	—	Fair and clear.	
19	28.73	28.65	45.3	49.9	38.3	58.8	2.0	2.4	257	299	85	85	SW	0.5	SE	1	9	8	—	Fair and cloudy.	
20	28.63	28.66	47.1	47.0	46.0	56.1	2.6	3.3	263	247	82	77	NE	4	NE	0.5	8	6	—	Fair and cloudy.	
21	28.68	28.72	54.7	53.8	43.0	65.3	5.9	5.2	279	282	65	68	NE	2	S	0.5	0	7	—	Fine and clear a. Cloudy p.	
22	28.79	28.75	57.8	57.6	42.3	60.1	5.0	5.9	339	315	71	67	SW	1	SW	0.5	7	9	—	Fine a. Dull p.	
23	28.85	28.94	60.8	59.7	48.2	67.3	7.0	3.0	331	419	62	82	SW	1	SE	0.5	4	8	—	Fine a.	
24	29.01	29.04	61.6	61.4	48.3	71.5	4.8	3.2	398	440	73	81	SE	0.5	SW	0.5	8	4	—	Very fine.	
25	29.01	29.04	61.6	61.4	48.3	71.5	4.8	3.2	398	440	73	81	SE	0.5	SW	0.5	8	4	—	Very fine.	
26	29.01	29.04	61.6	61.4	48.3	71.5	4.8	3.2	398	440	73	81	SE	0.5	SW	0.5	8	4	—	Very fine.	
27	29.01	29.04	61.6	61.4	48.3	71.5	4.8	3.2	398	440	73	81	SE	0.5	SW	0.5	8	4	—	Very fine.	
28	29.01	29.04	61.6	61.4	48.3	71.5	4.8	3.2	398	440	73	81	SE	0.5	SW	0.5	8	4	—	Very fine.	
29	29.01	29.04	61.6	61.4	48.3	71.5	4.8	3.2	398	440	73	81	SE	0.5	SW	0.5	8	4	—	Very fine.	
30	29.01	29.04	61.6	61.4	48.3	71.5	4.8	3.2	398	440	73	81	SE	0.5	SW	0.5	8	4	—	Very fine.	
Mean	28.741	28.740	53.1	50.5	41.9	60.3	4.6	3.0	300	299	73.6	80.6	1.2	0.9	6.7	6.0	1.69	—	—	—	☼ a. Fine and clear, ☼ 3p.-6p.

LAUDALE.—JUNE 1902.

Height above Mean Sea Level, 14 feet. Heights above Ground:—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 41' W. Lat. 56° 41' N. Gravity Correction, +0.031 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.			Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.					
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.	9 a.m.	9 p.m.			9 a.m.	9 p.m.			
							9 a.m.	9 p.m.	9 a.m.	9 p.m.										
	ins.	ins.													ins.					
1	30° 05	29° 97	50° 4	52° 0	43° 0	58° 8	2° 2	3° 3	310	303	85	78	ESE	6	E	5	8	8	—	Squally (gale). Snow on hills.
2	° 00	30° 11	56° 4	53° 0	50° 8	60° 8	2° 1	1° 2	393	369	87	92	S	3	Calm	0	10	4	° 04	Dull, with ☉ showers.
3	30° 10	29° 97	59° 9	64° 8	45° 0	72° 3	3° 7	6° 6	402	399	78	65	SE	3	S	2	4	8	° 06	Fine day.
4	29° 98	° 90	62° 8	57° 8	55° 0	66° 0	3° 8	2° 5	446	404	78	84	S	3	S	3	8	8	° 05	Dark day.
5	° 82	° 80	59° 0	53° 0	51° 0	64° 8	1° 1	1° 0	464	374	93	93	S	2	SW	2	7	10	° 15	Dark day.
6	° 67	° 51	53° 2	49° 0	48° 0	58° 7	2° 2	0° 8	344	327	85	94	W	2	W	2	10	10	° 65	Dull day. ☉ in evening.
7	° 54	° 64	47° 7	48° 0	43° 3	55° 2	2° 4	2° 0	274	309	83	93	E	4	NNW	4	10	9	° 05	☉ in past n.
8	° 77	° 81	54° 0	49° 9	43° 0	57° 0	3° 3	2° 7	337	292	78	82	ENE	3	SE	2	8	7	° 03	Cloudy and warm.
9	° 85	° 87	48° 8	50° 4	40° 7	58° 0	3° 4	3° 4	266	282	77	78	NE	2	NE	2	7	3	—	Fine and dry.
10	° 85	° 73	49° 2	47° 0	36° 6	56° 0	3° 6	2° 2	266	271	76	85	Calm	0	N	2	7	3	—	— a.
11	° 68	° 61	48° 6	47° 5	42° 0	53° 3	1° 9	0° 5	297	316	87	96	SE	2	W	1	10	10	° 20	Dull and damp, with ~~~~ (mist).
12	° 54	° 54	48° 9	48° 0	44° 3	56° 0	2° 0	2° 0	299	285	86	86	NE	2	Calm	0	10	10	° 15	☉ ~~~~ (mist).
13	° 59	° 63	53° 3	52° 2	47° 0	58° 0	1° 9	2° 0	354	337	87	86	NW	2	NW	1	8	8	° 09	Dull and warm. ☉ showers.
14	° 73	° 71	49° 7	48° 0	44° 3	52° 8	2° 4	1° 0	297	309	84	93	N	4	N	4	8	7	° 01	Raw and cold. ☉
15	° 70	° 82	54° 0	51° 4	46° 4	57° 4	2° 7	2° 4	342	318	82	84	ENE	2	ENE	3	10	10	—	Cloudy, dry, and cold.
16	29° 89	29° 96	52° 6	48° 2	48° 0	57° 3	2° 6	2° 1	327	285	82	86	ENE	3	ENE	4	9	7	—	Cold and unseasonable.
17	30° 03	30° 07	51° 1	54° 0	43° 2	59° 0	3° 1	4° 0	298	310	79	74	ENE	3	Calm	0	6	10	—	Cold and unseasonable.
18	30° 07	29° 92	57° 8	56° 3	50° 0	65° 0	4° 0	4° 1	365	341	77	74	ENE	1	SSE	2	7	8	—	—
19	29° 79	° 67	55° 4	56° 0	52° 0	64° 0	1° 4	2° 8	398	370	91	82	ESE	3	E	5	10	10	° 01	Overcast, with ∞.
20	° 64	° 70	59° 0	55° 0	54° 0	59° 3	3° 3	4° 0	399	385	80	75	E	5	SE	6	10	10	—	(gale) all day.
21	° 72	° 88	58° 0	57° 0	52° 0	62° 2	3° 1	3° 0	390	377	81	81	SSE	4	S	3	10	7	—	Dark and threatening.
22	29° 90	29° 89	59° 0	57° 0	54° 0	61° 0	3° 0	0° 8	407	440	82	94	S	6	S	4	8	10	° 31	☉ ² in evening.
23	30° 01	30° 11	61° 4	58° 2	54° 0	67° 5	2° 4	0° 2	464	479	86	99	SW	1	Calm	0	8	10	° 01	Dull, warm, and overcast.
24	° 15	° 11	62° 2	66° 0	57° 8	73° 2	2° 2	4° 8	484	470	87	74	E	3	SSE	4	9	6	° 01	Warm and dry.
25	° 14	° 15	72° 6	69° 0	60° 0	81° 8	6° 3	3° 0	549	587	69	93	SSE	3	SSE	1	7	8	—	Warm and dry.
26	° 13	° 07	66° 9	68° 9	58° 0	79° 8	4° 1	5° 1	510	513	77	72	E	4	SE	4	1	0	—	Fine, warm, and dry. ∞.
27	° 19	° 23	70° 0	69° 9	59° 9	79° 6	6° 0	5° 9	508	509	69	69	E	1	Calm	0	0	1	—	☉ ² a. Very fine and warm.
28	° 19	30° 12	72° 0	69° 3	49° 2	83° 4	5° 0	6° 6	581	474	74	66	Calm	0	S	2	2	0	—	☉ ² a. Very fine, dry, and warm.
29	30° 07	29° 99	74° 0	67° 2	58° 0	79° 5	7° 7	5° 2	532	480	63	72	ESE	4	S	2	2	0	—	Very fine and warm.
30	29° 91	29° 89	70° 0	57° 5	56° 2	77° 0	4° 7	5° 5	552	458	75	96	S	2	NW	1	2	10	—	Very fine a. ~~~~ (mist) p.
Mean	29° 890	29° 879	57° 0	56° 1	49° 6	64° 5	3° 3	2° 8	395	377	80° 6	82° 9	2° 8		2° 4	7° 2	7° 1	1° 82		

GLASGOW.—JUNE 1902.

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

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep.of.Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.				
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.								
	ins.	ins.							in.		%	%					ins.			
1	29.87	29.80	46.8	46.6	43.4	51.2	3.8	3.3	.235	.243	74	77	E	2	E	3	10	10	.098	Overcast all day. ☉ ⁰ 4p.
2	.86	.95	49.5	52.9	45.9	59.1	1.8	1.6	.309	.356	88	89	E	2	E	1	10	5	—	☉ ² before 9a. Dull day.
3	.93	.85	53.4	51.9	47.5	61.1	2.7	1.1	.335	.357	82	93	E	1	E	2	8	10	—	Fine day.
4	.82	.76	58.1	54.9	47.0	59.1	3.1	1.9	.392	.376	80.	88	W	1	Calm	0	8	10	—	Overcast and threatening. ☉
5	.70	.64	53.7	51.9	50.7	62.4	2.3	1.9	.349	.336	85	87	SW	1	W	1	10	8	.035	Cloudy day. ☉ ⁰ 7.30p.
6	.51	.31	54.3	47.9	47.9	57.1	4.1	0.9	.313	.310	74	94	W	2	W	1	9	10	.697	☉ ² a. and p.
7	.36	.40	46.1	50.9	43.9	54.9	2.6	5.2	.254	.251	82	67	E	1	NW	1	10	10	—	☉ ² before 9a.
8	.57	.63	48.1	47.7	45.9	51.8	2.2	2.7	.282	.267	84	81	Calm	0	E	1	10	7	.078	Dull day. ☉ ² showers p.
9	.65	.67	48.7	49.9	43.8	55.2	5.7	4.0	.219	.265	63	73	E	1	NE	1	8	8	—	Dull and cloudy.
10	.65	.57	49.2	48.2	40.5	57.9	6.7	2.2	.207	.283	59	85	W	1	SW	1	7	6	—	Fine day.
11	.51	.44	49.4	46.0	43.9	51.1	2.6	0.8	.290	.292	83	94	NE	1	Calm	0	10	10	.362	☉ ² Δ ² 10a. ☉ n.
12	.37	.34	49.1	48.9	44.9	52.2	1.8	1.1	.304	.320	87	93	Calm	0	NE	1	10	10	.100	Overcast, with ☉ ² .
13	.40	.42	53.2	52.9	47.5	58.3	4.7	4.5	.286	.287	71	71	NE	1	NW	1	9	9	—	Dull and cloudy.
14	.47	.45	52.3	52.6	45.3	55.7	6.3	4.5	.244	.283	62	72	NW	2	W	1	10	10	.188	Fine a. Dull p. ☉ from 11p.
15	.49	.61	49.2	50.9	47.8	56.0	1.0	2.6	.324	.308	93	83	NE	1	NE	1	10	10	.030	☉ ² a. Dull day.
16	.67	.76	51.4	49.0	48.1	52.5	2.9	2.9	.307	.278	81	80	E	1	E	1	10	10	—	Overcast all day.
17	.85	.93	51.7	50.3	44.5	54.3	6.4	3.3	.236	.283	62	78	NE	1	E	1	8	10	—	Fine a. Dull p.
18	.92	.77	51.7	49.4	45.0	57.6	5.3	2.4	.257	.293	67	84	NE	1	E	2	8	9	.030	Cloudy day.
19	.64	.50	52.3	57.9	47.0	55.9	1.8	5.1	.344	.338	88	70	E	1	E	2	10	10	—	Dull day.
20	.49	.56	51.1	49.9	48.9	58.4	2.7	1.9	.308	.310	81	87	E	3	E	3	10	8	.012	Dull and breezy.
21	.65	.77	50.1	49.5	47.1	51.3	2.8	1.5	.292	.315	81	89	E	2	E	1	10	10	.147	☉ ² a. and p.
22	.81	.76	56.5	56.0	45.6	61.3	3.3	2.0	.363	.391	79	87	SE	1	SW	1	10	10	.170	☉ ² in afternoon. Dull day.
23	29.88	29.98	57.1	58.2	54.1	66.8	1.6	2.5	.419	.410	89	84	S	1	W	1	10	10	.005	☉ ⁰ showers a. Cloudy day.
24	30.04	30.01	61.1	64.8	55.3	72.2	4.4	4.3	.401	.466	75	77	S	1	SE	1	9	3	—	Fine, but cloudy.
25	.03	29.97	67.6	64.3	55.9	81.8	5.2	4.0	.488	.466	72	78	E	1	E	2	6	7	—	Fine day. ∞
26	.02	30.00	61.2	58.4	50.3	73.5	5.1	3.6	.384	.383	72	78	E	1	E	2	0	2	—	∞ ⁰ a. Fine day.
27	.09	.04	55.3	65.3	48.1	77.2	3.1	6.0	.351	.423	80	69	NE	1	NE	1	0	2	—	∞ a. Fine day.
28	30.04	30.02	64.4	52.9	52.1	71.7	6.9	1.6	.386	.356	63	89	E	1	E	3	2	10	—	Fine and clear.
29	29.97	29.87	53.6	53.8	50.7	62.1	2.2	1.8	.350	.363	85	87	E	1	E	2	10	10	—	Dull a. Fine p.
30	29.78	29.70	55.5	62.8	50.6	71.9	2.2	3.3	.378	.462	86	81	E	1	W	1	7	9	.013	Fine day.
Mean	29.734	29.717	53.4	53.2	47.6	60.7	3.6	2.8	.320	.336	77.6	82.2	1.2		1.3		8.3	8.4	1.965	

COCKLE PARK (NEAR MORPETH).—JUNE 1902.

Height above Mean Sea Level, 324 feet. Heights above Ground :—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 41' W. Lat. 55° 13' N. Gravity Correction, + '026 in.

1	29° 67'	29° 63'	45° 0'	45° 0'	43° 0'	48° 0'	1° 0'	1° 0'	275	275	92	92	N	5	NE	4	10	10	160	☉ ² during day and n.
2	69	83	52° 0'	46° 0'	43° 0'	58° 0'	1° 0'	1° 0'	361	287	93	W	2	Calm	0	10	10	044	☉ showers a. ☼ n.	
3	79	73	51° 0'	49° 0'	41° 0'	55° 0'	0° 0'	0° 0'	374	348	100	N	1	Calm	0	10	10	040	☼☼☼ showers.	
4	66	60	51° 0'	54° 0'	41° 0'	56° 0'	0° 0'	1° 0'	374	388	100	Calm	0	W	4	10	10	240	☼☼☼ showers.	
5	57	45	59° 0'	51° 0'	48° 0'	63° 0'	5° 0'	1° 0'	354	348	71	W	5	W	5	6	7	—	Fine day, with ☉.	
6	33	16	57° 0'	52° 0'	51° 0'	60° 0'	5° 0'	2° 0'	327	335	70	86	W	6	SW	1	7	10	392	Fine day. ☉ ² n.
7	13	21	43° 0'	46° 0'	42° 0'	52° 0'	1° 0'	2° 0'	255	265	92	86	NE	4	Calm	0	10	10	046	☉ a. Fine p.
8	35	43	47° 0'	42° 0'	39° 0'	50° 0'	0° 0'	1° 0'	323	245	100	92	N	4	NW	3	10	7	047	☉ showers a.
9	45	48	46° 0'	40° 0'	39° 0'	51° 0'	4° 0'	1° 0'	225	226	73	92	N	5	NW	2	10	3	017	Sunny but cold.
10	48	46	47° 0'	43° 0'	37° 0'	53° 0'	4° 0'	2° 0'	333	234	73	84	N	5	SE	1	9	10	—	Sunny day.
11	37	31	51° 0'	47° 0'	37° 0'	53° 0'	3° 0'	1° 0'	299	298	80	93	SE	4	SE	1	8	10	312	☼ ⁰ (mist) ga. ☉ ² showers p.
12	23	21	51° 0'	47° 0'	44° 0'	52° 0'	2° 0'	1° 0'	333	298	86	93	SE	4	SE	3	10	10	183	Dull, with ☉.
13	18	22	50° 0'	47° 0'	44° 0'	55° 0'	1° 0'	0° 0'	334	323	93	100	NE	4	NW	5	10	10	002	Dull day. ☉ n.
14	26	27	51° 0'	50° 0'	46° 0'	56° 0'	4° 0'	1° 0'	276	334	74	93	NW	4	NW	1	10	10	070	Fair a. ☉ p.
15	32	40	48° 0'	47° 0'	46° 0'	55° 0'	0° 0'	0° 0'	335	323	100	100	SE	4	NE	3	10	10	060	Dull, with ☼ ² ☉.
16	46	53	47° 0'	44° 0'	43° 0'	48° 0'	1° 0'	0° 0'	298	288	93	100	NE	4	NE	4	10	10	530	☼ ²
17	64	77	47° 0'	46° 0'	42° 0'	51° 0'	1° 0'	2° 0'	298	265	93	86	NNE	4	Calm	0	10	10	—	Dull day.
18	79	68	49° 0'	46° 0'	45° 0'	52° 0'	4° 0'	1° 0'	355	287	73	93	Calm	0	SE	1	10	10	—	Fine, but dull.
19	53	45	58° 0'	48° 0'	45° 0'	59° 0'	3° 0'	0° 0'	393	335	81	100	SE	4	SE	4	10	6	—	☉ a. Fine and sunny.
20	39	42	50° 0'	49° 0'	47° 0'	53° 0'	1° 0'	1° 0'	334	322	93	93	SE	5	SE	3	10	10	—	Dull, with ☉.
21	49	64	55° 0'	50° 0'	40° 0'	56° 0'	3° 0'	1° 0'	349	334	81	93	E	3	Calm	0	3	10	—	Sunny a.
22	70	68	63° 0'	56° 0'	43° 0'	64° 0'	5° 0'	1° 0'	414	419	72	93	W	1	SW	1	7	10	045	Fine and sunny.
23	74	82	58° 0'	53° 0'	50° 0'	69° 0'	3° 0'	4° 0'	393	357	81	76	NW	2	SW	1	9	7	—	Fine and sunny.
24	91	94	64° 0'	57° 0'	52° 0'	68° 0'	5° 0'	3° 0'	431	377	72	81	W	1	SW	1	5	8	—	Fine and sunny.
25	92	93	65° 0'	50° 0'	49° 0'	67° 0'	4° 0'	1° 0'	478	334	78	93	SE	1	SE	1	4	10	—	Fine and sunny. ☼ p.
26	95	93	50° 0'	48° 0'	47° 0'	58° 0'	0° 0'	1° 0'	361	309	109	93	SE	1	SE	1	10	10	—	Dull a. ☼ n.
27	99	92	62° 0'	54° 0'	42° 0'	68° 0'	4° 0'	1° 0'	427	388	77	93	W	1	Calm	0	1	6	—	Fine and sunny.
28	91	91	67° 0'	55° 0'	46° 0'	70° 0'	5° 0'	1° 0'	483	403	73	93	SE	1	NW	1	3	7	—	Fine and sunny.
29	82	75	55° 0'	52° 0'	47° 0'	57° 0'	0° 0'	1° 0'	433	361	100	93	NE	1	NE	1	10	10	—	Dull day.
30	29° 65'	29° 54'	63° 0'	52° 0'	51° 0'	75° 0'	4° 0'	1° 0'	443	361	77	93	W	1	NW	3	6	7	140	Fine day. ☉ n.
Mean	29° 59'	29° 57'	53° 4'	49° 0'	44° 3'	57° 7'	2° 5'	1° 1'	349	323	84° 7'	92° 1'		2° 9'		1° 8'	8° 3'	8° 9'	2° 38'	

SCARBOROUGH.—JUNE 1902.

Height above Mean Sea Level, 62 feet. Heights above Ground:—Bar., 65 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. $0^{\circ} 24' W.$ Lat. $54^{\circ} 18' N.$ Gravity Correction, $+0.25$ in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.					
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.			9 a.m.	9 p.m.			
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.							9 a.m.	9 p.m.	
1	ins.	ins.	50°0	48°5	44°5	53°5	0°5	0°7	in.	in.	%	%	N	1	N	4	10	10	ins.	Very dull.	
2	29°81	29°76	50°0	48°5	44°5	53°5	0°5	0°7	348	323	96	94	N	1	N	4	10	10	10	Dull a, fine p.	
3	29°92	30°03	54°5	54°5	46°5	60°5	1°0	1°5	396	381	93	89	SW	2	S	2	10	4	10	☼. Dull, warm day.	
4	30°00	29°97	50°8	50°0	45°0	57°0	0°4	0°8	361	340	97	94	N	2	N	2	10	10	—	☼. Dull, warm day.	
5	29°90	°83	55°5	52°0	42°5	59°0	0°7	0°4	419	377	95	97	NE	2	E	3	10	10	—	☼. Dull, warm day.	
6	°84	°75	56°0	54°5	52°0	65°0	3°5	2°0	351	367	78	86	W	3	NW	3	4	8	°02	Fine day.	
7	°65	°45	54°5	56°5	53°0	64°5	2°5	3°5	355	357	83	78	W	4	W	2	6	3	°06	Fine day.	
8	°33	°40	50°0	46°5	46°5	59°0	2°5	1°5	298	280	82	88	NW	3	NW	3	10	8	°54	Dull, with ☼.	
9	°52	°62	48°5	45°0	45°0	57°0	1°0	1°0	316	275	92	92	N	4	N	4	10	10	°05	Dull day.	
10	°66	°68	46°5	46°0	45°0	49°5	2°0	2°5	269	253	85	81	N	5	NE	4	6	4	°03	Fine day.	
11	°68	°70	46°5	47°0	44°5	50°2	2°7	2°0	251	275	80	85	NE	5	N	4	4	3	°03	Fine day.	
12	°67	°59	46°5	51°5	42°0	55°0	1°5	2°0	280	328	88	86	S	3	SE	3	10	8	°08	Dull and damp.	
13	°51	°46	49°0	49°0	49°0	53°5	0°8	0°5	327	335	94	96	S	2	SE	1	10	10	°25	Dull and damp.	
14	°34	°38	48°5	48°0	46°5	53°5	0°5	0°5	328	322	96	96	NE	3	N	4	10	10	°26	☼. Overcast day.	
15	°50	°51	51°5	50°5	48°0	54°5	2°0	1°0	328	340	86	93	N	2	NE	2	10	10	°02	Overcast.	
16	°53	°61	51°2	50°5	46°5	55°2	0°8	1°0	356	340	94	93	E	1	NE	2	10	8	—	Dull, with ☼.	
17	°65	°72	52°0	50°5	48°5	57°0	1°0	1°3	361	333	93	91	SE	3	NE	3	10	8	—	Fine day.	
18	29°84	°97	51°5	50°0	49°0	54°0	2°0	1°5	328	322	86	89	NE	3	NE	3	6	10	—	Very dull p.	
19	30°02	°92	51°0	50°5	45°0	53°0	3°0	1°5	298	328	79	89	N	3	S	2	10	10	—	Fine at intervals.	
20	29°80	°68	55°0	53°5	45°5	62°5	2°5	2°0	362	355	83	86	SE	3	SE	3	4	4	—	Fine day.	
21	°58	°62	54°5	54°0	53°0	62°5	2°5	2°0	355	361	83	86	SE	3	E	3	10	6	—	Dull.	
22	°68	°84	51°5	51°0	49°0	58°5	2°0	1°0	367	388	86	93	NE	3	NE	3	6	8	—	Dull.	
23	°94	29°93	61°5	62°5	65°0	72°0	4°0	2°5	419	480	77	84	SW	2	SW	2	4	8	—	Splendid day.	
24	29°97	30°07	62°0	64°0	58°5	69°5	3°0	4°5	456	446	82	74	W	3	SW	2	6	6	—	Splendid day.	
25	30°13	°13	61°5	54°8	52°5	66°0	4°0	1°3	418	389	77	91	SE	3	SW	1	6	3	—	Splendid day.	
26	°17	°17	56°8	54°0	49°0	66°0	2°6	1°0	384	388	83	93	SE	3	SE	4	8	10	—	☼. all day.	
27	°17	°16	54°8	51°5	49°5	60°0	1°8	2°0	377	367	88	86	E	2	SE	4	2	—	—	☼. at intervals.	
28	°16	°15	57°0	57°5	44°0	63°0	3°0	2°0	377	413	81	87	SE	2	SE	3	3	2	—	Very fine.	
29	30°13	30°06	58°5	59°2	45°0	63°0	3°0	1°7	400	449	82	89	SE	2	NW	1	2	2	—	Very fine.	
30	29°99	29°95	60°0	56°5	55°0	61°0	2°8	1°3	428	418	83	91	NE	4	N	3	10	10	°02	Dull day, ☼. most of day.	
31	29°89	29°78	59°2	60°0	55°2	65°2	1°0	1°8	470	459	93	89	W	2	SW	2	6	2	°06	☼. at intervals.	
Mean	29°799	29°796	53°6	52°9	48°0	59°1	2°0	1°6	359	360	86°5	88°9	2°8	2°7	7°6	6°9	2°08				

CRONKBOURNE.—JUNE 1902.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29' W. Lat. 54° 10' N. Gravity Correction, +.024 in.

1	29°70	29°64	53°0	52°8	47°3	54°7	2°8	2°1	327	343	81	86	ENE	6-7	NE	4	8	10	378	☉ showers a.	Dull day.	
2	89	97	53°8	55°0	50°7	60°4	1°1	3°2	383	344	92	80	S	1	ENE	2	10	2	—	Fine day.	—	
3	91	90	58°4	53°2	53°2	62°8	4°4	1°7	362	358	74	89	SE	4	SW	2	2	3	020	Fine day.	☉ 6p.	
4	87	83	57°2	51°2	50°1	58°0	3°2	0°6	375	351	80	96	SSW	3	SSW	3	10	10	—	Cloudy day.	—	
5	81	78	52°1	54°0	50°0	58°6	1°1	2°1	360	357	92	85	SW	3-4	W	3	10	8	071	Cloudy day.	☉ showers from 4p.	
6	62	46	50°2	47°8	47°0	55°2	1°5	1°0	348	308	90	93	W	3	W	1	6	3	082	Cloudy day.	☉ showers from 3p.	
7	40	48	55°8	47°2	43°0	57°6	4°1	2°2	336	273	75	85	NNE	4	NNW	5	7	10	010	Cloudy day.	☉ showers n.	
8	57	66	51°8	49°6	46°0	57°4	2°0	2°2	312	301	80	85	NW	2	NNE	2	7	8	004	Cloudy day.	—	
9	70	73	47°8	47°6	44°3	52°0	3°8	2°2	245	271	74	85	SE	1	NNW	2	10	4	—	Dull day.	—	
10	71	65	50°6	45°7	45°2	54°0	3°4	1°4	285	275	77	90	SE	2	NW	2	4	10	025	Cloudy day.	☉ noon. ☉ p.	
11	55	54	50°2	49°2	41°6	52°5	2°4	1°6	302	310	84	89	SSE	3	SE	2	10	10	027	Dull day.	☉ shower n.	
12	40	38	50°4	49°4	46°0	56°5	2°2	2°7	310	287	85	82	SE	2	N	2	10	10	028	☉ shower a. and n.	Fine day.	
13	41	51	51°4	49°2	48°0	59°4	3°0	2°2	305	296	80	85	N	3-4	NNW	6-7	10	10	—	Dull day.	Squally ☉ p.	
14	56	55	51°8	49°0	47°0	57°6	1°9	1°6	336	308	87	89	NNW	4	NNW	4	10	10	102	Fine day.	Squally ☉ p.	
15	53	59	49°8	50°8	47°2	53°6	0°8	1°5	337	333	94	89	NW	2	NE	3	10	10	171	☉ till 2p.	Dull day.	☉ 9p.
16	67	79	54°8	49°8	48°8	56°7	3°3	3°1	340	282	79	82	NE	4-5	ENE	3	7	10	—	Cloudy day.	—	
17	89	96	50°6	48°6	46°5	54°8	4°3	3°1	265	302	72	89	NNE	4	NE	2	7	3	—	Fine day.	☉ p.	
18	93	81	54°4	54°2	45°3	60°2	1°9	2°5	370	350	88	83	ESE	3	ESE	2	10	10	050	Dull with ☼ ⁰ (mist).	☉ 7p.	
19	64	44	54°2	57°0	52°0	60°0	2°4	2°7	353	385	84	83	SE	3	ESE	4	10	10	068	Overcast all day.	—	
20	41	52	54°0	55°0	52°9	57°0	0°9	0°8	391	409	94	94	E	4-5	ESE	4	10	10	243	☼ ⁰ (mist) all day.	☼ ⁰ 9p.	
21	66	83	54°6	52°4	51°3	60°0	1°2	0°4	392	382	92	97	SSW	2	SSE	1	10	10	008	☼ ⁰ (mist) all day.	—	
22	88	29°84	54°0	52°3	50°8	55°0	1°0	0°3	388	384	93	98	SSE	2	SW	3	10	10	210	☼ ⁰ (mist) p.	—	
23	29°98	30°08	56°4	54°3	51°0	59°6	1°2	0°3	419	413	92	98	SSW	2	Calm	0	9	10	013	Dull, with ☼ ⁰ (mist).	☼ ⁰ 9p.	
24	30°11	30°06	54°8	58°0	51°3	65°0	0°8	2°0	406	421	94	87	SSW	2	SSE	1	10	4	—	Dull, with ☼ ⁰ (mist).	—	
25	04	29°99	66°3	59°8	56°8	70°2	3°6	2°4	515	438	80	85	SE	3	ESE	4	4	3	—	☼ ⁰ (mist) a.	Very fine.	
26	03	30°04	62°3	58°7	53°0	68°5	5°5	4°1	391	374	70	75	ESE	4	E	4	2	0	—	Very fine.	☉ p.	
27	08	30°07	65°7	62°0	53°0	75°4	9°5	2°1	342	484	54	87	E	4	WNW	2	0	4	—	Very fine.	—	
28	30°02	29°95	72°4	67°8	53°5	76°0	9°4	6°4	450	455	56	67	ESE	2	ESE	4	1	0	—	Very fine.	—	
29	29°88	29°85	71°2	62°4	62°4	73°8	7°2	4°9	492	408	64	73	ENE	4	ESE	4	2	6	007	Very fine.	—	
30	29°86	29°86	64°3	56°0	56°0	71°1	4°5	1°6	451	402	75	89	SW	3	Calm	0	3	2	—	Very fine.	—	
Mean	29°757	29°756	55°9	53°3	49°7	60°5	3°2	2°1	363	354	81°1	86°5	—	3°1	—	2°7	7°4	6°9	1°517	—	—	

NOTE — The hygrometrical values for Scarborough are somewhat doubtful.

STONYHURST.—JUNE 1902.

Height above Mean Sea Level, 375 feet. Heights above Ground:—Bar., —12 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 2° 28' W. Lat. 53° 51' N. Gravity Correction, +0.023 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
							Dep. of Wet.		Vapour Pressure.		Percentage.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	ins.	ins.	°	°	°	°	in.	in.	%	%							ins.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
1	29.46	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.350	97	95	N	4	NEbyN3	9	10	.020	Bright intervals a.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
2	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	SSE	1	Calu	0	10	5	—	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
3	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	SSE	1	SSE 1	10	4	.005	—	Fine day.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
4	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	ENE	2	Calu	0	10	.010	☉	shower a.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
5	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	SW	2	SW 2	10	10	.040	—	Bright intervals a.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
6	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	WSW	3	WSW 3	10	10	.240	—	Dull and overcast.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
7	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	SWbyW	1	WbyS	1	10	.010	☉	showers.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
8	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	N	1	Calu	0	10	.010	☉	☉ showers.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
9	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	NNW	1	Calu	0	10	—	—	Very dull and cloudy.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
10	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	Calu	0	Calu	0	10	—	—	Fine day. ☉ p.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
11	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	SEbyS	2	Calu	0	10	.190	☉	☉ showers p.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
12	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	SEbyE	1	N	1	10	.090	☉	☉ (mist) ☉ showers.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
13	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	N	2	NNWbyW	1	10	8	—	☉	☉ (mist) ga.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
14	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	W	1	SWbyS	1	9	.010	—	—	Fine and sunny.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
15	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	Calu	0	NNE	1	10	.120	☉	a.	Overcast all day.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
16	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	NbyE	1	SEbyN	1	10	.090	—	—	☉ showers.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
17	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	NbyE	1	Calu	0	10	—	—	—	Overcast all day.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
18	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	NEbyE	1	Calu	0	10	—	—	☉	☉ (mist) a.	Dull day.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
19	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	E	2	E	3	10	—	—	—	☉	☉ showers.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
20	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	ENE	4	E	1	10	.193	—	—	—	☉	☉ showers.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
21	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	ENE	1	Calu	0	10	5	—	—	—	—	☉	☉ showers.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
22	29.47	29.48	51.0	50.5	49.5	58.4	0.5	0.7	.361	.340	87	75	ESE	1	SSW	1	9	10	.110	☉	2p.-5p.	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉	☉</

HILLINGTON.—JUNE 1902.

Height above Mean Sea Level, 88 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 3 feet 6 inches.
Long. 0° 33' E. Lat. 52° 48' N. Gravity Correction, +0.021 in.

1	29.66	29.71	60.2	64.5	51.0	71.5	—	—	—	—	E 4	E 1	7	10	27	Cloudy, then fine. ☁ a. and n.
2	30.02	30.07	55.1	55.8	51.8	70.7	—	—	—	—	S 1	Calm 0	8	2	—	Cloudy, then fine.
3	30.02	30.07	55.1	55.8	51.8	70.7	—	—	—	—	E 1	Calm 0	5	10	45	Fine and sunny. ☁ n. Δ K
4	29.91	29.92	59.5	57.5	51.4	62.0	—	—	—	—	S 3	S 2	6	10	107	☁ a. Cloudy day.
5	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	W 3	Calm 0	6	10	103	Sun and cloud. ☁ n.
6	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	W 2	SW 2	10	8	10	Cloudy day. ☁ n.
7	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	W 3	NW 4	6	10	28	☁ a. and p.
8	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	NW 3	NW 3	4	10	14	☁ a., p., and n.
9	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	NE 2	NE 2	8	4	—	—
10	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	N 2	N 2	8	0	02	Fine day. ☁ n.
11	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	S 1	SW 1	10	8	03	☁ p.
12	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	SE 2	SE 3	10	10	29	☁ a. and p.
13	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	Calm 0	NE 2	10	10	56	☁ early to 8a. Overcast. ☁ n.
14	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	NE 2	S 1	10	10	25	☁ early. ☁ showers 2.30p.
15	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	Calm 0	Calm 0	10	10	19	☁ early. Sunless, dreary day.
16	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	Calm 0	Calm 0	8	0	12	☁ early and 11a. Sunny afternoon.
17	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	NE 3	Calm 0	6	0	04	Cloudy a. ☁ n.
18	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	E 1	S 1	5	0	—	Very fine a. ☁ p.
19	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	SE 3	SE 4	4	3	—	Warm and pleasant.
20	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	SE 5	SE 1	6	10	16	Cloudy day. ☁ n.
21	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	W 1	Calm 0	8	6	41	Cloudy day. ☁ n.
22	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	SW 2	W 2	0	9	06	☁ early. Fine and warm. ☁ n.
23	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	SW 3	Calm 0	8	3	—	☁ early. Fine and warm. ☁ n.
24	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	NW 1	NE 1	4	0	—	Cloudless most of day. Much cir. p.
25	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	Calm 0	NE 4	3	3	—	Beautiful day.
26	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	NE 4	NE 3	0	0	—	Beautiful day.
27	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	NE 2	NE 2	3	3	—	Lovely day. ☁ p.
28	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	SE 2	SE 3	0	0	—	Lovely day. ☁ p. [shower 3p.
29	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	W 3	Calm 0	0	10	05	Very fine. Distant T 1p.-2p. ☁
30	29.92	29.93	59.5	57.5	51.4	62.0	—	—	—	—	SW 2	NE 1	4	6	—	Very fine, sunny, and hot.
Mean	29.81	29.82	58.5	54.1	66.5	—	—	—	—	—	2.0	1.5	5.9	5.8	3.52	














CHURCHSTOKE.—JUNE 1902.

Height above Mean Sea Level, 538 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5' W. Lat. 52° 31' N. Gravity Correction, +0.018 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.
							Dep. of Wet.		Vapour Pressure.		Percentage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
	ins.	ins.							in.	in.	%	%					ins.	
1	29.17	29.22	57.8	51.6	51.2	61.0	2.0	0.9	.418	.358	87	93	E 2	SE 1	10	10	.350	T. ☉ showers all day.
2	.47	.51	56.6	51.9	48.8	65.4	5.3	2.3	.316	.327	69	84	SE 2	SE 1	10	2	—	
3	.47	.49	62.8	56.6	47.8	71.2	7.6	3.0	.344	.371	60	81	SE 4	SW 1	4	1	—	Bright and hot. T
4	.41	.48	57.8	49.7	46.6	62.9	2.5	1.9	.403	.307	84	87	SE 1	W 1	8	3	—	Dull and cloudy.
5	.44	.42	56.7	51.6	46.8	61.9	4.5	1.8	.335	.335	73	88	WSW 2	WSW 2	8	9	—	
6	29.26	.06	53.3	48.1	47.8	59.1	2.6	1.4	.336	.302	82	89	WSW 2	W 1	10	4	.090	Cloudy and threatening.
7	28.87	.05	48.7	46.9	44.6	55.2	3.0	2.4	.294	.265	85	82	W 3	NW 2	9	10	.010	Cool, with ☉ showers.
8	29.09	.19	52.2	47.6	44.0	54.1	4.0	0.9	.289	.307	74	93	NW 2	NE 2	9	10	.190	☉ showers.
9	.24	.29	49.6	45.4	37.7	53.7	4.1	1.3	.258	.273	72	90	NE 2	N 1	6	10	—	Cloudy, with ∞.
10	.29	.23	52.5	44.6	43.7	58.1	7.0	1.3	.232	.264	59	89	N 2	NW 1	6	10	.020	Bright, with ∞. ☉ in evening.
11	29.16	29.08	54.0	46.9	38.4	57.5	6.0	1.2	.268	.293	64	91	SSW 2	SE 2	9	10	.140	Cloudy, with ☉ showers.
12	28.97	28.90	50.7	49.7	44.8	55.4	1.9	1.0	.321	.330	87	93	SE 2	E 1	10	10	.060	
13	28.90	29.08	49.6	50.2	47.8	54.9	0.9	2.9	.331	.292	93	80	N 2	NW 1	10	10	.020	Cool, with ☁ (mist).
14	29.16	.15	50.7	45.8	45.8	57.9	2.4	1.3	.308	.277	83	90	SW 2	SW 1	10	10	.210	☉ showers.
15	.10	.15	50.7	47.7	43.8	53.4	3.6	1.0	.280	.306	75	92	NW 1	W 1	10	10	.262	Cloudy and cool, with ☉.
16	.18	.29	49.1	47.7	46.2	55.6	1.3	0.6	.316	.316	91	95	N 1	SW 1	10	10	.332	Dull and cold, with ☉. T 3p.
17	.40	.53	47.7	45.6	44.6	56.1	1.2	0.9	.302	.285	91	93	N 2	E 1	10	0	—	Cloudy and cool, with ∞.
18	.51	29.37	46.0	54.7	40.1	64.9	3.3	2.9	.238	.348	76	81	SE 2	SE 1	5	7	—	∞
19	29.22	28.99	47.5	59.8	47.0	63.9	4.0	4.0	.238	.393	73	76	SE 4	SE 3	10	10	.470	Dull, with ∞ ☉.
20	28.96	29.10	54.7	54.7	54.3	61.5	1.9	1.1	.373	.396	87	92	SSE 2	SSW 1	10	6	.010	
21	29.25	.47	60.8	52.1	49.8	63.8	5.0	1.3	.379	.355	71	91	SW 2	WSW 1	10	5	—	
22	.52	.52	58.7	56.1	51.0	64.9	3.5	2.1	.388	.388	79	86	SE 2	SW 1	10	8	.070	Cool, with ☉ showers.
23	.58	.66	63.0	57.8	54.7	71.3	4.3	2.0	.433	.418	75	87	W 1	W 1	8	4	—	Hot day.
24	.67	.66	69.6	59.7	47.7	79.3	6.9	1.7	.472	.457	65	89	NE 2	NE 1	2	2	—	☉. Bright and hot.
25	.60	.58	72.4	58.2	55.8	76.2	7.7	4.0	.498	.369	62	76	ESE 2	S 2	2	0	—	Bright, with ∞.
26	.56	.61	67.8	58.8	52.2	75.1	8.1	6.0	.407	.329	59	66	SE 3	ESE 2	2	0	—	Bright and breezy.
27	.63	.63	66.2	58.8	46.8	79.3	5.3	3.0	.459	.404	71	82	NW 1	NE 1	0	2	—	Bright, with ∞.
28	.57	.47	66.8	64.6	48.8	79.8	5.1	6.6	.475	.397	72	65	ENE 2	Calm	0	0	—	∞
29	.38	.41	71.2	63.3	55.3	78.4	6.5	3.6	.512	.459	67	79	NE 2	SSE 1	1	8	—	Bright and close, with ∞ T.
30	29.43	29.36	65.3	59.3	49.2	75.1	5.1	2.5	.449	.427	72	84	SSE 1	NW 1	8	4	—	
Mean	29.315	29.332	57.0	52.9	47.4	64.2	4.2	2.2	.356	.345	75.3	85.5	2.0	1.2	7.3	6.2	2.234	

ST. DAVID'S, PEMBROKE.—JUNE 1902.

Height above Mean Sea Level, 215 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 16' W. Lat. 51° 53' N. Gravity Correction, +018 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.		
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
1	ins.	ins.	56.0	50.5	50.2	60.1	0.1	0.0	446	368	99	100	SSE 4	ESE 4	10	10	ins.	Frequent  showers.
2	29.47	29.52	56.7	55.3	48.2	62.5	2.2	2.4	395	369	86	84	ESE 5	SE 4	7	1	.004	Sunny and warm.
3	29.70	29.80	59.7	54.3	53.2	65.1	2.2	0.2	443	417	87	99	ESE 6	SE 6	7	10	.012	Sunny intervals.
4	29.78	29.80	54.5	52.5	51.9	60.1	0.1	0.0	422	396	99	100	SSW 4	SSW 5	9	10	—	2 a. - 8 a. Sunny intervals.
5	29.82	29.83	55.8	51.5	50.1	59.4	1.3	0.5	408	367	92	96	SW 5	WSW 6	7	10	.162	Sunny day.
6	29.61	29.50	51.5	48.7	47.8	59.1	0.0	1.0	381	319	100	93	SSW 4	W 5	10	1	.032	 a.
7	29.31	29.48	48.6	48.5	47.1	55.4	1.3	0.0	310	342	91	100	NW 6	NW 4	9	10	.012	Brief sunny intervals.
8	29.53	29.55	48.7	48.0	45.2	54.2	0.9	0.5	322	322	94	97	NNW 6	NNW 3	10	8	.025	Frequent  showers a.
9	29.60	29.65	51.5	47.5	46.9	56.1	2.5	0.5	316	316	83	96	NE 4	N 4	10	5	.005	Frequent  showers a. Cool wind.
10	29.65	29.60	51.9	47.6	45.1	56.0	2.1	1.5	331	293	87	90	NW 3	NW 1	9	7	—	Cool wind.
11	29.49	29.40	51.7	49.4	45.0	55.3	2.2	0.8	327	333	86	94	SW 3	SW 3	9	10	.112	Brief sunny intervals.
12	29.26	29.27	50.1	47.0	46.9	52.8	0.5	0.0	349	323	96	100	ESE 3	NNW 1	10	10	.805	 1 a. - 9 a.  1 p. - 5 p.
13	29.36	29.53	45.8	48.1	45.4	51.9	0.0	0.0	309	336	100	100	NNW 4	WNW 3	10	10	.124	 a. and p.
14	29.60	29.59	50.4	47.5	46.1	53.2	1.9	0.0	318	329	88	100	WNW 6	NW 4	9	10	.182	Frequent  showers.
15	29.52	29.46	46.5	48.5	45.1	53.1	0.0	0.0	317	342	100	100	WNW 5	WNW 4	10	10	.194	 showers.
16	29.54	29.64	51.5	49.0	47.4	57.2	0.1	0.5	378	335	99	97	N 4	N 4	10	0	—	Brief sunny intervals.
17	29.79	29.84	51.5	47.5	45.9	59.1	2.0	0.6	329	314	87	95	N 3	NE 3	9	10	.002	Sunny intervals.
18	29.70	29.70	55.5	51.5	47.3	60.6	2.0	0.0	384	381	87	100	ESE 4	S 4	7	10	.324	 6 p. - 9 p.
19	29.44	29.27	55.3	52.9	51.0	59.2	2.9	0.0	356	402	81	100	E 4	ESE 5	10	10	.282	Dull and overcast.
20	29.24	29.38	55.5	54.7	51.4	62.7	1.0	0.6	412	409	94	96	ESE 6	SSE 3	8	9	.070	Sunny intervals.
21	29.60	29.80	55.8	53.6	52.4	60.6	0.5	0.2	431	406	96	99	SSW 2	SW 3	10	8	.012	Sunny p.
22	29.81	29.79	54.5	53.5	52.6	57.8	0.4	0.0	416	411	97	100	SE 4	S 4	10	10	.274	 2 p.
23	29.94	29.90	54.5	52.5	51.3	59.2	0.0	0.0	426	396	100	100	SSW 3	SW 3	10	10	—	 early a.
24	29.97	29.97	59.5	52.4	51.8	70.6	2.0	1.9	445	499	88	89	S 3	SSE 1	8	3	—	Sunny and very warm.
25	29.89	29.82	64.5	63.5	57.2	73.1	4.9	6.2	442	389	73	67	SE 4	ESE 4	0	0	—	Sunny and very sultry.
26	29.83	29.88	68.5	62.3	58.1	73.4	6.0	2.8	479	468	69	83	SE 4	ESE 3	0	0	—	Fine, sunny, and very warm.
27	29.92	29.92	73.2	66.8	53.6	78.1	7.4	4.9	526	484	64	74	ENE 4	ESE 2	0	0	—	Fine, sunny, and warm.
28	29.84	29.77	74.5	67.4	58.2	80.0	6.2	4.9	593	494	69	74	ENE 3	ENE 3	2	0	—	Sunny and hot.
29	29.68	29.74	70.7	59.0	59.0	73.2	3.2	0.5	620	484	82	97	ESE 4	SE 1	5	8	.100	 showers p.
30	29.76	29.72	62.5	58.7	55.1	70.4	2.0	1.8	497	438	88	88	SW 3	NE 2	7	5	—	Sunny intervals.
Mean	29.651	29.669	56.2	53.3	50.2	61.7	1.9	1.1	404	383	88.7	93.6	4.1	3.4	7.7	6.8	3.268	

WOOLACOMBE.—JUNE 1902.

Height above Mean Sea Level, 59 feet. Heights above Ground:—Bar., 20 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 4° 12' W. Lat. 51° 10' N. Gravity Correction, +016 in.

1	29.58	29.71	59.9	52.7	52.7	63.0	3.2	1.0	416	370	81	93	SE	3	E	3	9	9	0.09	Dull day.
2	29.92	29.94	56.5	55.7	47.0	66.0	5.0	7.0	321	268	70	60	SE	4	SE	3	5	5	—	Very fine.
3	29.89	30.00	65.3	56.9	55.0	69.0	5.5	2.2	437	399	70	86	SE	3	SE	3	2	10	—	Very fine.
4	29.97	29.90	58.7	53.5	53.0	60.0	3.0	1.4	403	370	82	90	SW	2	SW	2	7	6	—	D ² p.
5	30.02	30.03	55.1	52.9	52.8	59.0	3.2	1.2	345	367	79	92	SW	3	SW	3	5	10	0.10	☁ ⁰ (mist) ☉ 9a. Dull all day.
6	29.81	29.66	53.7	51.7	51.4	54.8	1.4	2.0	373	331	90	86	SW	3	W	3	10	4	0.06	
7	29.49	29.63	51.7	51.5	49.0	55.0	2.6	1.2	317	349	82	92	W	5	W	3	9	8	0.02	
8	29.67	29.69	51.1	50.7	47.4	56.0	2.4	1.4	313	334	83	90	NW	2	Calm	0	6	7	0.23	
9	29.73	29.78	51.3	48.9	48.6	57.4	4.5	1.6	268	306	71	88	NE	4	SE	1	7	1	—	∞ p.
10	29.80	29.77	53.1	49.9	48.9	58.4	5.2	3.9	274	266	67	73	SW	2	NW	1	9	9	0.03	Visibility p.
11	29.68	29.56	51.9	49.7	46.8	55.2	4.2	1.4	281	321	73	90	SW	2	S	2	8	9	0.22	Visibility all day.
12	29.39	29.38	53.9	52.5	49.0	55.4	4.2	1.4	306	357	73	90	SE	4	N	3	10	10	0.66	Overcast, with ☉.
13	29.50	29.69	48.7	51.7	47.6	52.6	1.0	1.4	318	346	92	90	NW	5	NW	4	10	9	0.43	Overcast, with ☉.
14	29.77	29.72	49.9	50.7	49.0	52.6	2.2	1.6	304	329	85	89	NW	4	W	4	8	8	0.04	Gloomy day.
15	29.69	29.71	48.3	50.1	47.2	52.4	0.8	1.0	318	335	94	93	NW	5	NW	5	10	10	0.02	Gloomy day.
16	29.65	29.78	51.7	51.7	49.6	57.8	1.0	1.8	357	336	93	88	NW	3	NE	2	9	3	—	
17	29.92	30.01	53.9	53.7	46.2	58.2	1.2	2.8	381	338	92	81	NW	2	E	3	9	7	—	D ² a. Gloomy, with ∞ 9p.
18	30.00	29.85	55.7	53.7	50.2	63.8	2.2	3.0	379	333	86	80	SE	4	SE	4	7	8	0.03	∞ all day.
19	29.62	29.45	58.1	54.9	53.0	63.0	4.2	1.2	364	396	75	92	SE	4	SE	4	10	9	0.20	Gloomy, with ☉.
20	29.41	29.61	59.9	54.7	51.4	64.2	3.2	1.0	416	399	81	93	SE	4	SW	3	7	9	0.16	
21	29.81	30.01	56.3	54.3	52.0	59.4	1.0	1.2	424	386	93	92	SW	3	S	2	10	2	—	
22	30.03	29.95	58.7	56.7	52.0	62.4	3.0	1.0	403	430	82	93	SE	3	SE	3	7	9	0.16	
23	29.13	29.19	56.9	54.9	53.2	61.2	1.2	1.2	427	396	92	92	SW	1	Calm	0	10	10	0.01	☁ ² 6.30p. and most of n.
24	29.17	29.12	64.5	63.7	54.2	75.0	3.7	2.9	479	489	79	82	W	2	Calm	0	1	1	—	
25	30.05	29.98	71.7	62.7	61.8	75.4	6.9	6.2	512	378	65	66	SE	5	E	2	0	1	—	☁ all day. Bright sunshine all day.
26	29.97	30.00	69.7	66.7	57.8	77.8	7.9	6.7	444	428	61	65	E	4	E	4	0	1	—	Bright sunshine all day.
27	30.04	30.05	72.7	64.7	56.2	80.0	6.5	4.9	546	446	67	73	SW	1	E	3	0	1	—	Bright sunshine all day.
28	29.98	29.88	76.3	67.3	60.0	81.6	11.5	6.5	461	443	51	66	E	2	E	3	2	1	—	Bright sunshine all day.
29	29.82	29.92	69.7	58.9	58.8	71.6	5.3	1.5	524	451	72	90	E	2	E	3	9	1	0.03	
30	29.91	29.85	65.9	61.9	56.8	71.4	6.1	4.1	430	422	67	76	E	4	N	2	8	8	0.14	☁ 8.30p.
Mean	29.814	29.832	58.4	55.3	52.0	63.0	3.8	2.5	385	371	78.3	84.4	3.2	2.6	6.8	6.2	2.63			

SOUTHAMPTON.—JUNE 1902.

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24' W. Lat. 50° 55' N. Gravity Correction, +016 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.		
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29.61	29.80	67.7	53.2	52.7	69.3	6.0	1.0	.466	.377	69	93	SE 4.5	SE 3	7	10	.250	Fine and bright a.
2	.99	30.01	60.1	56.1	51.3	66.8	4.0	3.9	.397	.344	77	75	SE 4	SE 3	5	8	—	Beautiful day.
3	29.98	.04	62.7	60.3	51.2	73.5	3.4	3.9	.456	.402	80	77	ESE 3	SW 3	7	5	—	Beautiful day.
4	30.00	.04	56.7	54.1	53.7	63.5	2.0	1.4	.401	.379	87	92	WSW 3.5	SW 3.5	10	3	—	Dull a. Fine p. D p.
5	30.04	30.01	59.5	56.1	52.3	64.3	4.1	3.0	.385	.367	75	81	WSW 3.5	W 3.5	10	5	.028	
6	29.87	29.64	53.1	55.6	48.8	58.3	1.0	1.0	.376	.414	93	93	SW 4	SW 3	10	10	.130	● 74.-7p.
7	.50	.53	58.0	49.8	47.7	58.7	6.9	0.9	.298	.335	62	93	SW 4	NW 3	10	7	.230	● 2 showers.
8	.61	.65	51.8	52.4	47.7	62.8	2.4	2.3	.323	.333	84	85	NE 3	NE 3	10	10	.035	● showers.
9	.70	.74	54.3	50.6	46.6	58.4	7.0	3.2	.252	.289	60	78	NE 4	NE 3.5	8	10	—	Bright intervals.
10	.79	.77	56.5	52.6	46.4	61.3	7.9	3.6	.261	.303	56	76	NE 3.5	SW 3	2	10	—	Fine and sunny, but with cold wind.
11	.73	.65	52.9	52.4	49.4	58.3	5.2	3.0	.273	.316	68	80	SW 4.5	SE 4	10	10	.085	● showers a.
12	.46	.30	52.8	54.1	50.3	56.1	1.2	0.9	.366	.393	91	93	SE 3.5	NE 4	10	10	.380	● 0 showers all day.
13	.38	.54	52.2	51.0	49.4	55.3	1.1	0.6	.361	.358	93	96	W 3	NW 4	10	10	.740	● most of day.
14	.70	.68	50.8	50.8	48.7	61.3	2.2	2.4	.316	.311	85	84	NW 3	NW 3	10	7	.115	Cloudy a. Bright p. T 4p.
15	.66	.67	50.8	51.8	47.4	57.9	2.1	2.4	.319	.323	86	84	NW 3.5	NW 3.5	10	8	.195	● showers all day.
16	.65	29.72	52.5	50.0	49.2	53.7	0.9	1.1	.370	.332	93	92	W 2.5	NNE 2.5	10	10	.710	● till 4p.
17	29.89	30.02	55.9	53.5	45.0	58.6	4.5	2.1	.328	.351	72	86	NE 3	NW 3	10	3	.050	● mid-day.
18	30.06	29.97	58.2	53.8	48.3	63.2	3.8	2.5	.375	.345	77	83	SE 3.5	SE 3	10	10	—	Beautiful day.
19	29.75	.52	61.7	60.0	50.1	68.1	5.7	3.3	.375	.415	68	80	SE 5	SE 5.5	10	10	.650	● from 9p.
20	.51	29.62	56.0	56.6	53.4	65.9	1.6	1.4	.402	.417	89	90	SE 3	SW 4	10	10	.015	Fine and sunny.
21	29.79	30.01	58.5	58.2	52.1	68.0	1.9	1.8	.432	.430	88	88	SW 4	SW 3	10	6	.012	● 0 showers.
22	30.10	.09	57.2	56.3	51.0	64.3	2.3	2.1	.400	.393	85	86	SW 3	SW 3	10	10	.050	● a. ● showers. Sunny intervals.
23	.13	.17	60.1	59.3	53.6	72.5	0.9	1.9	.499	.444	91	88	SW 3	SW 3	10	0	.010	● till 10a. Sunny p.
24	.20	.17	68.1	65.7	51.4	75.1	5.3	3.9	.494	.494	72	78	SE 2	SE 3	0	1	—	Beautiful day.
25	.13	.06	70.0	63.2	56.1	76.2	7.5	5.1	.461	.415	63	72	SE 4	E 4	0	0	—	Beautiful day, with pleasant breeze.
26	.04	.02	71.2	64.6	57.1	79.6	12.6	6.6	.346	.396	46	65	ESE 5	ENE 4	0	0	—	Beautiful day.
27	.10	30.09	77.1	68.1	55.1	81.0	10.6	6.1	.592	.469	55	68	E 3	NE 3	1	0	—	Beautiful day.
28	30.02	29.91	76.8	69.3	58.1	82.7	12.0	6.5	.455	.477	49	66	SE 3	NE 3	3	3	—	Beautiful day. [day.
29	.88	.95	69.8	61.9	61.1	70.6	7.2	6.6	.465	.467	64	85	SE 3	SW 3	10	2	.010	● 0 showers 8a. and 11a. Beautiful
30	29.93	29.83	68.6	62.7	55.7	77.4	5.7	2.2	.490	.495	71	87	SE 3	SE 3	8	10	.105	● 4p.-7p.
Mean	29.840	29.840	60.1	56.8	51.2	66.1	4.6	2.8	.388	.326	75.1	83.1	3.5	3.3	7.7	6.6	3.800	




ARMAGH.—JUNE 1902.

Height above Mean Sea Level, 196 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 39' W. Lat. 54° 21' N. Gravity Correction, +0.025 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.
							Dep. of Wet.		Vapour Pressure.		Percentage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.							in.	in.	%	%					ins.	K 3p.
2	29.67	29.59	49.6	48.0	45.0	50.9	1.2	0.2	324	330	92	99	NNE 2	NE 2	10	10	.662	
3	29.78	29.88	55.8	47.9	47.0	59.3	4.2	1.4	333	299	75	91	SE 1	ENE 0.5	8	0	—	
4	29.78	29.74	62.9	52.8	46.7	63.0	5.1	1.9	410	348	71	87	ENE 1	SE 2	4	1	.055	
5	29.73	29.68	57.4	55.0	52.1	60.2	2.8	3.0	390	319	83	81	SE 3	S 1	8	3	.020	
6	29.67	29.71	56.0	51.8	50.3	60.8	3.5	1.3	353	351	78	91	SbyE 2	W 0.5	10	10	.145	
7	29.49	29.38	53.9	47.9	46.8	55.6	2.6	3.1	313	251	83	78	SW 1	W 0.5	10	10	.160	
8	29.36	29.31	49.8	45.1	43.3	53.0	1.7	1.6	315	263	88	88	NW 1	NNW 0.5	10	10	.090	
9	29.58	29.65	51.4	45.7	44.4	55.7	2.8	1.4	309	275	82	90	N 0.5	N 0.5	10	10	.020	
10	29.66	29.70	48.4	44.9	36.3	51.0	3.5	1.8	258	256	76	87	N 0.5	Calm	0	10	—	
11	29.64	29.56	51.7	44.9	39.2	54.3	3.9	0.2	287	293	75	99	WbyS 0.5	NEbyN 0.5	10	10	.060	
12	29.45	29.39	49.3	43.9	43.0	53.8	1.9	0.6	304	296	87	96	NE by N 0.5	SbyW 0.5	10	10	.080	
13	29.32	29.35	50.2	43.6	43.6	51.7	1.6	0.7	322	268	89	94	SE by E 0.5	NNE 0.5	10	10	.295	
14	29.42	29.55	53.6	47.8	40.0	56.3	4.1	2.4	394	274	74	83	NW 0.5	NNW 1	6	8	.040	
15	29.58	29.50	50.1	45.0	45.0	53.2	1.9	1.0	313	275	86	92	NNW 1	NNW 1	10	10	.055	
16	29.49	29.57	49.2	49.3	44.7	50.9	1.3	0.5	318	339	91	97	NW 1	NNE 0.5	10	7	.140	
17	29.65	29.73	57.6	51.9	44.2	57.7	5.1	2.1	334	331	71	87	NNE 0.5	NNE by E 0.5	8	10	—	
18	29.83	29.89	49.8	48.2	48.1	57.0	2.3	2.3	300	281	85	84	S 0.5	SE 0.5	10	10	—	
19	29.82	29.66	36.8	52.4	44.2	60.6	3.4	1.4	316	355	68	90	SE 0.5	SSE 2	10	10	.060	
20	29.48	29.31	53.8	54.6	51.2	59.3	2.0	2.3	359	361	87	85	SE 2	SE 2	10	10	.225	
21	29.30	29.39	55.6	53.8	52.0	61.6	2.0	1.5	386	372	87	89	SE 1	ESE 1	10	8	.015	
22	29.55	29.70	61.5	56.9	52.0	64.2	5.6	2.7	375	384	69	83	SSE 1	SSE 1	5	3	.030	
23	29.64	29.73	58.9	58.8	54.6	63.5	2.5	1.5	420	448	84	91	SSE 3	SW 0.5	10	10	.115	
24	29.87	29.93	59.4	59.8	53.5	65.9	2.8	2.3	419	442	84	86	S 1	SbyW 1	10	10	—	
25	29.96	29.96	63.6	57.4	53.0	66.8	4.3	1.7	445	420	76	89	SSW 1	SSE 0.5	9	5	.010	
26	29.90	29.85	71.2	63.8	49.3	75.8	9.7	5.1	421	425	55	72	SSE 1	SE 1	8	5	—	
27	29.89	29.91	67.4	63.4	56.2	70.4	7.5	5.5	417	407	62	70	SE 2	SE 1	2	0	—	
28	29.98	29.98	69.4	63.8	52.2	73.8	6.5	3.9	479	461	67	78	ENE 0.5	SE by E 0.5	0	0	—	
29	29.94	29.85	71.6	63.6	52.2	75.9	8.8	4.3	452	446	58	76	E 1	NE by E 1	0	0	—	
30	29.79	29.74	68.3	61.3	55.7	72.8	7.8	2.5	442	460	61	85	ENE 1	NE by E 1	0	0	—	
Mean	29.76	29.74	65.9	63.0	55.4	73.2	5.1	1.8	460	513	72	89	SSW 1	NbyE 0.5	0	10	—	
Mean	29.666	29.673	57.3	52.9	48.0	61.0	4.0	2.1	363	332	77.2	86.9	1.1	0.9	7.6	7.0	2.297	

MARKREE CASTLE.—JUNE 1902.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27' W. Lat. 54° 11' N. Gravity Correction, +0.024 in.

1	29.69	29.60	50.8	50.2	46.3	53.7	2.6	2.2	306	307	82	85	NE 3	NE 6	10	10	24	 Sunny day.
2	87	86	53.8	53.8	48.4	64.7	4.0	4.0	308	308	75	75	SE 3	SSE 3	6	2	—	 showers.
3	76	69	62.8	56.5	45.1	64.0	7.0	2.8	359	376	64	82	SE 5	SSE 5	6	10	11	—
4	68	71	57.7	51.5	51.3	64.5	4.1	2.1	361	326	76	86	SSE 4	Calm 0	7	5	03	—
5	71	78	51.0	51.8	49.8	60.3	2.2	1.4	318	348	85	90	SW 3	SW 1	9	10	11	—
6	54	43	54.0	47.0	47.0	56.7	1.2	1.1	382	296	92	92	SSW 2	SSW 3	10	10	25	 showers.
7	48	65	52.8	45.8	45.0	55.7	3.0	2.5	321	253	80	82	NW 3	N 3	9	9	04	—
8	71	74	49.0	46.8	44.3	52.5	5.0	2.8	235	255	67	80	NNW 3	NW 1	10	10	—	Overcast all day.
9	78	81	47.0	46.2	43.7	50.8	4.0	4.2	233	223	73	72	NW 3	NW 1	10	10	—	Overcast all day.
10	73	65	50.8	43.3	43.2	54.5	4.8	1.8	257	242	69	86	N 2	Calm 0	6	3	—	Sunny day.
11	53	47	50.0	45.9	38.3	53.3	4.2	1.1	261	285	73	93	Calm 0	Calm 0	10	10	03	Gloomy day.
12	42	46	52.0	44.0	39.9	55.5	5.2	1.8	262	248	68	86	NW 1	N 1	7	5	—	Sunny day.
13	54	69	53.2	47.1	35.3	56.4	4.2	2.4	297	267	73	83	NW 3	N 3	7	8	23	—
14	74	75	47.2	47.2	46.0	52.9	1.6	4.1	287	233	89	73	NNW 4	N 5	10	10	04	—
15	65	67	48.0	49.8	45.2	51.6	1.2	0.8	304	337	92	94	NW 2	Calm 0	8	10	12	—
16	75	80	55.0	50.0	46.9	60.3	3.8	1.6	330	319	76	89	NW 1	NW 1	9	3	—	—
17	85	88	54.8	53.2	41.5	62.3	2.8	3.3	351	318	82	78	Calm 0	S 3	7	10	—	—
18	83	66	57.5	54.8	48.4	62.8	5.3	1.3	327	393	69	92	E 2	SSW 4	7	10	19	—
19	45	34	56.5	54.8	51.0	59.1	2.5	1.9	384	376	84	88	SE 5	ESE 5	10	10	13	Gloomy day.
20	30	43	60.8	55.3	52.4	64.3	4.6	1.8	391	386	74	88	SE 3	SE 2	5	7	21	—
21	59	72	57.2	56.8	52.3	65.8	2.3	3.6	400	359	85	77	SSE 3	S 1	10	8	03	—
22	64	79	59.0	56.1	55.3	66.7	1.7	1.9	445	396	90	87	S 5	SE 1	10	3	05	—
23	91	94	60.8	59.8	53.0	67.1	3.0	1.8	437	456	83	89	SW 3	S 3	10	10	03	—
24	97	98	60.2	63.5	55.0	73.1	2.2	2.5	450	499	87	85	S 3	Calm 0	10	8	01	Fine day.
25	93	86	67.0	66.0	56.5	76.9	5.2	3.0	477	529	72	83	S 4	SSE 2	10	9	—	—
26	29.86	29.95	69.0	63.8	58.7	75.8	6.6	3.8	469	464	66	78	SE 3	Calm 0	4	0	—	Fine and sunny.
27	30.02	30.03	73.0	61.8	49.0	76.9	7.0	1.6	534	497	66	90	Calm 0	Calm 0	0	6	—	Fine and sunny.
28	29.97	29.90	76.8	63.9	49.3	77.7	9.0	4.5	546	444	60	74	SE 1	Calm 0	0	3	—	Very fine and sunny.
29	83	79	74.8	65.0	56.4	79.3	8.3	2.5	528	527	61	86	ENE 4	Calm 0	3	0	—	Very fine and sunny.
30	29.82	29.83	66.0	57.5	57.5	73.5	4.0	1.5	496	427	78	90	S 4	Calm 0	5	4	—	Fine and sunny.
Mean	29.718	29.728	57.6	53.6	48.4	63.0	4.1	2.4	369	356	76.4	84.4	2.7	1.8	7.5	7.1	1.85	

DUBLIN (PHENIX PARK).—JUNE 1902.

Height above Mean Sea Level, 155 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 21' W. Lat. 53° 22' N. Gravity Correction, +0.022 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.		
							Dep. of Wet.		Vapour Pressure.								Percentage.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.	
1	ins.	ins.	49.6	51.1	46.9	51.8	0.9	0.7	332	337	94	95	NE 2	Calm 0	10	10	ins. 745	● ² all day.
2	29.62	29.58	49.6	51.1	46.9	51.8	0.9	0.7	332	337	94	95	E 1	Calm 0	6	3	—	Fine, but cloudy.
3	79	80	54.7	49.9	47.1	60.8	2.5	1.9	358	310	83	87	E 1	SE 1	6	7	—	Cloudy day.
4	78	77	57.7	54.7	43.6	65.3	4.2	2.1	358	369	75	86	E 1	SSW 1	6	3	—	Fine, but cloudy.
5	77	81	57.4	53.4	53.1	64.7	2.9	2.8	337	332	82	82	SE 1	W 1	8	7	059	Cloudy day. ● 11a. and 3p.
6	60	55.5	52.4	47.7	59.8		3.9	2.8	335	321	76	82	SW 2	W 1	9	6	195	● showers from 11a.
7	41	49	54.1	47.8	46.9	61.1	2.4	2.6	351	270	83	81	NW 1	Calm 0	8	7	035	● showers.
8	61	57	48.6	47.3	44.8	55.1	2.3	3.8	287	240	84	74	NW 1	Calm 0	8	9	075	● ² showers a. ● showers p.
9	69	66	50.0	48.8	43.8	56.1	2.2	1.9	304	300	85	86	NW 1	Calm 0	8	6	—	Cloudy day.
10	70	74	49.8	45.0	43.9	52.0	4.8	2.1	247	251	69	84	Calm 0	Calm 0	7	8	—	Cloudy day.
11	51	61	51.6	47.8	34.6	54.0	5.0	1.8	263	288	70	87	Calm 0	Calm 0	9	9	185	Dull day. ● showers from 3p.
12	37	43	50.0	47.1	45.5	52.4	2.7	0.6	293	310	82	96	Calm 0	Calm 0	9	9	435	Dull day. ● ² showers p.
13	45	37	49.7	47.6	42.9	54.1	2.1	0.9	304	308	86	94	Calm 0	Calm 0	9	9	015	Cloudy day. ● ² 1p.
14	64	60	51.6	49.3	41.1	58.0	4.1	4.4	282	250	74	71	NW 1	W 1	7	7	115	● ² showers 9a.-2p.
15	57	65	49.4	47.1	44.0	55.7	3.1	2.8	279	259	79	80	WNW 1	WNW 1	9	10	260	● till 9a. and 1p.-2p.
16	68	59	47.6	47.6	43.7	51.7	3.0	0.8	305	310	93	95	W 1	Calm 0	10	8	—	Dull a. Cloudy p.
17	68	79	52.2	49.8	43.8	59.4	2.4	2.1	338	305	84	86	N 1	Calm 0	10	9	—	Dull a. Cloudy p.
18	86	93	50.6	48.9	47.9	55.1	3.4	2.3	285	291	77	84	Calm 0	Calm 0	10	9	—	Cloudy a. ● ² showers p.
19	51	72	52.9	52.8	45.3	61.3	2.5	1.2	333	366	84	91	E 1	Calm 0	8	10	155	Dull day. ● ² p.
20	32	32	53.7	53.1	50.7	57.0	2.3	0.3	349	396	85	98	SE 1	Calm 0	10	10	—	Cloudy day.
21	60	44	55.6	53.5	50.5	60.9	2.4	1.8	375	359	84	88	E 1	Calm 0	6	6	—	Fine, but cloudy.
22	75	75	61.6	57.3	52.9	68.5	5.3	2.9	384	385	71	81	Calm 0	SW 1	9	4	065	● ² a. and p.
23	29.94	30.00	61.5	57.5	52.3	68.1	4.9	2.7	393	394	72	83	SW 1	Calm 0	7	8	—	Fine, but cloudy.
24	30.03	30.02	62.1	55.2	47.1	69.1	3.9	1.2	432	401	77	92	Calm 0	Calm 0	7	5	—	Beautiful day.
25	29.96	29.88	67.0	61.1	50.9	76.0	5.9	2.6	456	454	69	84	E 1	Calm 0	4	5	—	Beautiful day.
26	29.92	29.94	65.2	56.7	55.9	70.5	7.2	1.6	389	412	62	90	SE 1	Calm 0	1	2	—	Beautiful day.
27	30.02	30.03	65.8	55.8	49.4	71.6	6.3	0.9	423	420	68	94	NE 1	Calm 0	0	2	—	Beautiful day.
28	29.96	29.86	66.7	58.0	47.9	72.0	5.7	1.6	456	433	69	89	NE 1	Calm 0	2	1	—	Beautiful day.
29	81	77	65.2	58.1	49.0	72.0	5.7	0.8	431	458	70	94	NE 1	Calm 0	2	6	020	Beautiful day. ☞ 7p.-2p.
30	29.82	29.78	66.3	59.7	51.9	71.4	6.2	3.2	434	414	68	81	Calm 0	Calm 0	5	2	—	Fine, but cloudy.
Mean	29.713	29.720	56.1	52.4	47.2	61.6	3.7	2.0	359	345	77.8	86.6	0.9	0.3	7.0	6.5	2.850	

DEERNES.—JULY 1902.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45' W. Lat. 58° 56' N. Gravity Correction, +.036 in.

Day.	Barometer at 32° Fah. at Station Level.		Air Temperature.					Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.
								Dep. of Wet.		Vapour Pressure.		Percentage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	47.0	45.0	44.2	53.2	1.3	1.8	291	257	91	86	NNW 4	NNW 4	3	3	ins.	Cold. Occasional ☉ showers.	
2	29.83	29.93	51.5	49.0	43.0	57.0	4.8	2.2	265	294	70	85	NNW 3	SE 2	0	10	—	Fine day. ⊕ 4p.	
3	29.83	29.68	55.0	53.0	48.0	58.6	2.3	1.3	367	366	85	91	S 2	S 2	2	8	10	Fine all day. ☉ began 9p.	
4	29.80	29.80	54.0	52.3	50.5	56.9	2.0	2.3	360	331	86	81	NW 4	W 2	2	8	9	☉ till 6a. Fine day. [8p.	
5	29.55	29.02	53.2	48.2	47.9	57.8	4.1	1.4	299	302	74	91	WNW 5	N 1	9	6	10	☉ a. Mild p. ⊕ (parhelion)	
6	29.80	29.69	51.3	54.0	46.7	60.8	0.3	1.0	370	388	98	93	S 4	WSW 3	10	10	10	☉ a. and p. ☉	
7	29.70	29.75	54.1	50.5	49.7	55.7	1.9	2.0	365	317	86	87	W 5	W 5	10	10	10	☉ a. Cold, breezy day.	
8	29.81	29.78	52.2	48.0	47.0	53.8	0.5	1.2	363	304	97	92	N 3	E 2	10	7	10	Fine day.	
9	29.59	29.39	48.6	47.0	46.0	49.3	1.5	1.0	305	293	90	93	E 3	NE 3	10	10	10	Cold, with ☉ showers all day.	
10	29.35	29.62	49.5	47.4	45.1	52.2	1.1	3.3	325	251	92	78	N 6	N 6	10	10	10	Cold. ☉ (gale).	
11	29.81	29.91	49.8	48.0	43.6	53.3	4.8	3.5	247	253	69	76	NNW 6	WNW 2	7	7	10	Cold and breezy.	
12	29.80	29.60	51.5	49.1	41.7	51.9	3.0	4.4	305	339	30	97	SSW 2	E 2	10	10	10	☉ evening.	
13	29.64	29.71	49.4	49.0	46.2	50.6	0.3	0.2	344	343	98	99	E 2	E 3	10	10	10	☉ all day.	
14	29.72	29.69	51.0	55.3	47.0	57.0	0.2	1.6	369	392	99	89	ESE 2	WNW 2	10	10	10	☉ a.	
15	29.65	29.69	54.0	54.2	49.2	63.0	0.6	2.2	400	358	96	85	S 1	WSW 2	10	8	10	☉ a. Fine p.	
16	29.76	29.71	55.2	51.8	50.0	58.0	2.4	0.5	368	372	85	96	W 3	S 3	6	10	10	Fine till 6p., then ☉.	
17	29.63	29.68	54.8	50.0	49.2	57.0	0.8	0.3	406	353	94	98	W 2	NNW 5	10	10	10	☉ from 4p.	
18	29.83	29.87	49.5	48.0	45.7	52.0	2.8	2.2	285	281	81	85	NNW 4	NW 2	9	10	10	☉	
19	29.79	29.85	48.5	48.2	43.0	52.8	2.7	2.4	277	279	82	84	N 3	N 5	9	9	10	Cloudy and cold.	
20	29.87	29.87	47.5	48.2	45.3	50.3	0.9	2.1	306	285	93	86	N 7	N 6	10	10	10	Bitterly cold.	
21	29.81	29.71	47.0	47.3	45.0	50.1	3.2	0.8	249	307	78	95	NNW 3	Calm	0	10	10	☉ from 7p.	
22	29.69	29.74	50.4	48.0	46.8	54.1	0.4	0.8	356	314	97	94	W 1	NE 1	10	9	10	☉ 7a.-9a.	
23	29.71	29.66	46.8	45.4	44.2	50.8	3.6	1.7	239	264	75	88	NNW 4	NW 1	10	10	10	☉	
24	29.56	29.54	46.8	42.2	41.1	49.6	3.6	1.1	239	245	75	91	WNW 2	NW 1	8	1	10	☉ showers. ▲ shower 3p.	
25	29.59	29.68	48.8	46.1	41.2	53.4	3.7	2.1	259	264	75	85	W 1	SSE 1	7	1	10	Fine day.	
26	29.53	29.28	54.0	49.2	44.8	54.0	2.0	0.4	360	310	86	98	SE 4	ENE 4	8	10	10	☉ from 2p.	
27	29.24	29.47	51.2	47.0	45.2	54.0	2.2	0.8	320	257	85	80	N 6	NW 5	9	10	10	Bitterly cold.	
28	29.61	29.66	52.0	49.8	45.0	56.3	3.9	1.3	289	325	75	91	W 6	W 1	7	4	10	Fine day. ⊕ (parhelion) 8p.	
29	29.61	29.64	51.1	48.4	46.2	58.0	2.9	0.8	303	321	80	94	NW 3	NNW 2	8	10	10	☉ 1a.-4a. Fine till 4p., then ☉.	
30	29.70	29.83	48.5	46.0	44.8	52.4	1.7	1.2	299	283	88	92	NW 1	NNE 1	8	1	10	☉ showers 1p.-3p.	
31	29.88	29.96	52.4	47.0	43.2	54.0	4.2	1.8	288	280	73	87	NW 3	NNW 2	8	10	10	☉	
Mean	29.704	29.723	50.8	48.8	45.7	54.4	2.2	1.5	317	308	84.9	89.4	3.4	2.6	8.5	8.2	2.490		

DUNROBIN CASTLE.—JULY 1902.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56' W. Lat. 57° 59' N. Gravity Correction, +.034 in.

1	30°04	30°15	51°0	47°8	46°5	61°5	3°8	3°8	281	245	75	74	NE	NE	—	—	—	Fine a. Dull p.
2	30°19	30°14	53°0	55°0	41°5	56°0	4°8	5°8	281	284	70	66	SE	SE	—	—	—	Fine, sunny, and warm.
3	30°03	29°87	60°8	58°0	48°0	61°0	5°8	1°8	360	427	68	88	S	S	—	—	°08	Fine a. ☉☉. ☉ showers p.
4	29°85	30°00	54°8	55°0	52°0	65°5	4°8	5°2	304	298	71	69	S	SE	—	—	—	Dull and mild.
5	30°12	30°11	59°0	53°2	49°2	65°8	6°0	2°7	330	333	66	82	SW	W	—	—	—	Fine a. Cloudy p.
6	29°92	29°81	57°0	59°5	50°0	70°0	3°0	4°0	377	388	81	76	NW	NW	—	—	—	Fine a. Dull p.
7	30°19	30°16	57°0	55°0	52°2	63°2	4°0	3°2	351	344	75	80	NW	NW	—	—	—	Cloudy, dull, and breezy.
8	30°15	30°12	56°2	51°5	50°0	60°5	5°0	1°5	319	341	70	89	NW	E	—	—	°28	Cloudy and mild. ☉p.
9	29°67	29°48	53°0	48°5	46°5	54°2	1°0	1°5	374	303	93	89	SE	SE	—	—	°46	☉☉ a. ☉☉ showers.
10	29°58	29°83	51°0	47°2	45°5	54°0	1°8	2°7	328	262	87	82	SE	N	—	—	°02	☉ a. Chilly p.
11	30°01	30°09	50°2	47°0	42°0	54°5	4°7	3°0	253	253	70	79	E	N	—	—	—	Cloudy a. Clear p.
12	29°94	29°77	50°0	52°0	41°0	55°0	3°2	1°0	282	361	79	93	SW	SW	—	—	°06	Cloudy and mild.
13	29°80	29°86	51°0	56°0	50°0	65°0	3°0	2°0	439	391	82	87	NW	NW	—	—	°07	Fine, but cloudy.
14	29°84	29°85	57°5	61°0	52°0	69°0	2°0	4°5	414	397	87	75	S	NW	—	—	—	Fine, but cloudy.
15	29°75	29°93	64°5	57°0	51°0	69°0	6°3	4°0	403	351	66	75	SW	NW	—	—	—	Fine, sunny, and warm.
16	29°91	29°85	58°5	55°0	52°0	61°0	4°0	6°0	373	280	76	65	W	NW	—	—	°16	Fine and warm.
17	29°76	29°88	58°0	49°0	47°2	62°0	3°0	3°0	393	276	81	79	W	SW	—	—	1-31	Cloudy and mild.
18	30°02	30°04	49°0	47°0	43°8	57°0	3°0	1°0	276	298	79	93	N	NW	—	—	°01	☉ a. Fine p.
19	29°96	29°93	53°0	48°5	44°0	54°8	3°0	2°5	322	280	80	82	W	NE	—	—	°03	Cloudy and mild. ☉☉ showers p.
20	30°08	30°07	49°8	47°0	45°0	51°0	3°8	2°0	267	275	75	86	NW	NW	—	—	—	Cloudy, dull, and cold.
21	29°99	29°87	49°0	50°0	43°0	55°0	3°0	1°2	276	329	79	92	W	NE	—	—	°04	Cloudy and cold. ☉ p.
22	29°74	29°78	53°0	52°0	46°0	55°8	2°5	0°2	335	383	83	99	SE	SE	—	—	°06	Fine, but cloudy.
23	29°89	29°83	52°5	47°0	45°0	57°0	5°0	2°0	272	275	69	86	SE	SW	—	—	°08	Dull a. ☉☉ showers p.
24	29°74	29°74	51°0	44°0	40°0	55°8	3°0	1°0	255	265	68	92	NW	NW	—	—	°14	☉☉ showers p.
25	29°79	29°90	50°2	48°8	40°2	58°0	4°7	1°8	253	300	70	87	NW	SW	—	—	—	☉☉ showers p.
26	29°64	29°83	51°0	48°0	46°0	52°5	1°5	1°2	336	304	90	92	SE	SE	—	—	°53	Dull and cold. ☉☉ showers.
27	29°60	29°78	55°0	48°0	48°0	58°0	6°0	2°2	280	281	65	85	SE	SE	—	—	—	Fine day.
28	29°87	29°81	56°0	56°0	44°0	61°0	6°8	1°0	278	419	61	93	NW	NW	—	—	°17	☉☉ showers p.
29	29°81	29°90	53°0	49°5	49°5	60°0	4°0	3°7	299	267	74	75	NW	NW	—	—	—	Fair, but cold.
30	29°92	30°06	51°5	49°5	47°5	59°0	3°0	3°3	305	274	80	77	NW	NW	—	—	°04	☉☉ showers p.
31	30°10	30°15	53°0	51°8	46°0	58°0	4°5	1°8	288	338	72	87	N	N	—	—	—	☉☉ showers p.
Mean	29°883	29°896	54°2	51°4	46°6	59°4	3°9	2°6	319	317	75°5	83°0	—	—	—	—	—	3°54

BRAEMAR.—JULY 1902.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches.
Long. 3° 24' W. Lat. 57° 0' N. Gravity Correction, +.030 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.				
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.								
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.			
1	28.80	28.91	53.6	48.6	44.6	56.7	4.5	3.3	.294	.265	72	77	NE	2	NW	0.5	7	6	—	Fair, but cool.
2	29.09	.98	53.4	53.6	41.3	62.8	6.9	3.9	.245	.308	60	75	NE	1	SW	2	5	7	—	Fair, but cool.
3	28.87	.73	59.4	56.8	48.2	61.8	5.6	3.5	.345	.362	68	78	SW	1	SW	4	8	7	.01	Fair, but cool.
4	.70	.84	59.3	56.7	54.2	65.0	3.5	4.6	.399	.334	79	72	W	0.5	N	0.5	8	5	—	Fair and mild.
5	.98	.98	57.3	54.6	44.0	70.0	8.1	5.1	.265	.294	57	70	NW	4	S	2	4	8	—	
6	.83	.78	56.8	56.3	47.2	65.7	3.0	4.5	.375	.331	81	72	S	0.5	SW	4	8	7	—	Gusty and dusty.
7	.78	.84	57.0	53.2	52.0	61.8	5.1	3.7	.325	.309	70	76	SW	4	W	2	6	8	—	Gusty and dusty.
8	.93	.69	54.9	52.8	50.0	58.2	3.4	1.1	.339	.369	78	92	SW	1	E	0.5	7	10	.36	Fair a. ☉ p.
9	.53	.32	57.3	51.9	50.2	62.1	3.0	1.4	.382	.349	81	91	SE	0.5	W	0.5	8	9	.02	Dull, with ☉ showers.
10	.35	.63	48.4	44.7	44.0	52.0	2.9	3.3	.271	.225	81	76	NW	0.5	NE	1	8	9	.07	
11	.83	.91	44.9	48.0	41.2	57.2	3.2	2.9	.229	.265	77	80	N	0.5	N	0.5	8	7	—	
12	.81	.66	47.9	54.7	42.4	55.8	2.4	1.3	.276	.391	84	92	W	0.5	SW	1	8	8	.02	Fair a. ☉ showers p.
13	.66	.70	55.6	56.4	51.2	61.8	5.0	2.5	.312	.382	70	84	SW	2	SW	2	8	8	—	Fair, but cloudy all day.
14	.75	.76	59.9	57.9	55.0	64.2	4.3	1.4	.386	.438	75	92	SW	0.5	W	1	7	8	—	Fair, but cloudy all day.
15	.68	.80	63.3	53.6	53.6	65.8	5.5	4.4	.406	.297	70	72	SW	2	SW	1	4	6	—	Fine day.
16	.81	.76	57.1	53.0	49.0	61.4	5.3	2.0	.321	.347	69	86	SW	0.5	SW	2	6	10	.16	Fine, but dull.
17	.63	.75	54.6	47.3	46.3	60.0	3.9	2.6	.322	.265	76	82	SW	1	NW	2	7	7	.05	☉ showers.
18	.84	.87	44.9	48.6	40.3	57.8	3.4	3.8	.225	.254	76	74	NW	6	NW	2	8	8	—	Fair a. Gusty p.
19	.79	.83	50.6	45.6	45.0	54.8	5.1	2.1	.250	.259	68	85	NW	0.5	NE	2	7	9	.04	Fair a. ☉ ⁹ showers p.
20	.85	.86	46.3	45.0	43.0	52.2	2.9	3.3	.249	.227	80	76	NE	6	NE	4	9	9	—	Cold and gusty all day.
21	.81	.71	48.6	48.6	43.0	60.9	4.1	1.9	.248	.297	72	87	N	1	NE	2	5	10	.15	Fair a. ☉ p.
22	.67	.69	49.8	50.7	46.0	52.2	1.4	1.3	.322	.237	90	91	NE	0.5	NE	0.5	8	7	.01	
23	.69	.66	51.6	45.9	45.6	52.2	3.1	1.4	.304	.278	79	91	NE	2	E	0.5	8	10	.26	Fair a. ☉ p.
24	.56	.56	48.3	42.8	41.0	52.1	5.0	1.7	.228	.238	67	87	N	0.5	NW	0.5	5	6	.04	Hills covered with snow. ☉ showers.
25	.60	.65	47.2	48.6	34.6	55.2	3.9	2.6	.237	.276	74	82	SE	1	N	0.5	8	7	.10	☉ showers.
26	.42	.16	45.6	46.3	34.6	49.2	0.7	1.3	.291	.287	95	91	NE	1	NE	0.5	10	10	.42	☉ ² all day.
27	.28	.66	44.0	45.7	37.8	55.0	0.7	2.0	.272	.262	94	86	NE	2	NW	0.5	9	9	.02	Cold, with ☉ showers.
28	.71	.69	50.3	50.6	41.9	60.0	4.6	3.4	.256	.285	70	77	SW	0.5	SW	0.5	8	8	—	Fine day.
29	.66	.71	51.9	48.6	46.8	56.0	4.6	3.3	.274	.265	71	77	NW	2	W	0.5	8	7	.09	☉ showers.
30	.74	.92	51.5	48.8	44.0	55.8	4.6	4.0	.269	.253	71	73	SW	1	N	1	8	8	.02	☉ ⁹ showers.
31	28.79	28.96	48.2	48.6	44.1	53.0	4.4	2.3	.257	.287	77	84	N	0.5	N	0.5	7	7	—	
Mean	28.727	28.740	52.2	50.5	45.2	58.3	4.0	2.8	.296	.298	75.2	81.5	1.5		1.4	7.3	7.9	1.84		

DUNDEE.—JULY 1902.

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

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.	9 a.m.	9 p.m.	9 a.m.			9 p.m.	
							9 a.m.	9 p.m.	9 a.m.	9 p.m.								
	ins.	ins.														ins.		
1	29.82	29.94	57.6	52.8	48.1	62.6	5.3	0.6	.329	.383	70	95	NE 2	NW 1	5	10	—	Cloudy day.
2	30.05	30.04	58.6	52.2	40.1	60.7	5.5	1.7	.338	.345	69	89	W 2	E 1	5	10	—	Cloudy day.
3	29.93	29.80	59.1	59.0	46.9	61.6	4.4	2.3	.371	.427	74	86	W 4	SW 2	10	10	.04	Dull, with ⁰ showers.
4	29.68	29.87	61.8	53.8	53.4	69.6	3.1	1.5	.451	.372	82	89	W 4	NE 1	10	10	—	Dull day. ⁿ .
5	30.05	30.02	62.6	54.1	49.8	69.5	8.8	3.5	.314	.323	55	78	NW 2	SE 4	7	10	—	Fine day.
6	29.89	29.81	62.1	59.7	49.2	70.7	4.6	3.8	.412	.396	74	77	SW 1	W 4	10	10	—	Dull day.
7	.80	.86	64.6	58.1	54.0	67.5	7.1	4.4	.384	.359	63	74	W 4	W 4	10	10	—	Cloudy day.
8	.87	.70	59.1	54.1	53.2	60.3	3.0	0.1	.409	.416	82	99	W 1	SE 1	10	10	.39	⁰ from 9a.
9	.54	.31	59.0	55.8	53.6	68.2	1.5	3.1	.452	.360	91	80	SW 2	W 4	10	10	—	Dull and cloudy.
10	.35	.63	55.1	49.5	49.0	61.7	4.7	3.5	.310	.270	71	76	NE 4	NW 1	10	10	—	Cloudy day.
11	.87	.98	55.2	47.6	43.7	58.8	7.5	1.8	.253	.286	58	88	NW 4	SE 1	5	7	—	Cloud and sunshine.
12	.88	.65	50.9	57.4	42.9	57.5	2.2	1.2	.318	.435	86	92	SW 1	SW 4	10	10	.23	⁰ from 9a.
13	.72	.74	60.3	60.2	53.3	68.7	3.8	2.1	.405	.453	78	88	SW 4	SW 4	5	10	.03	⁰ showers. ⁿ .
14	.78	.78	62.5	61.9	56.8	68.7	2.7	1.9	.474	.489	84	89	SW 2	SW 2	10	10	—	Dull day.
15	.71	.81	68.6	58.6	58.0	74.6	4.3	5.1	.535	.348	77	71	SW 2	W 4	5	7	—	Fine day.
16	.85	.78	61.5	58.5	49.6	70.7	4.7	2.8	.399	.406	73	82	W 2	SW 1	5	10	—	Dull day.
17	.69	.73	63.6	55.2	52.9	68.7	6.3	2.9	.388	.355	67	82	SW 2	N 4	5	10	—	Cloudy day.
18	.88	.90	53.6	50.9	47.2	59.7	5.5	1.4	.273	.338	67	91	NW 2	E 1	10	10	—	Dull day.
19	.82	.84	56.4	48.4	45.2	62.7	5.4	1.7	.312	.298	68	88	NW 1	NE 2	10	10	.05	⁰ 4p.-7p.
20	.89	.87	51.5	50.4	44.8	56.6	4.4	4.7	.273	.255	72	70	NE 6	N 6	10	10	—	Dull day.
21	.84	.74	57.4	59.4	47.0	62.5	5.3	2.2	.335	.437	69	87	SE 1	SE 1	5	10	.09	Dull day. ⁰ from 9p.
22	.72	.73	50.9	50.6	46.4	57.5	1.4	1.3	.338	.335	91	91	SE 1	SE 1	10	10	—	Dull day.
23	.72	.68	57.2	48.1	47.7	59.9	2.7	0.6	.389	.321	83	96	SE 1	SE 1	10	10	.79	⁰ 9a.-1p. and from 6p.
24	.60	.59	50.8	48.5	42.3	57.9	2.1	1.0	.319	.316	86	93	SE 2	SE 1	7	10	.03	⁰ till 6a. [▲] 1p. [●] 7p.
25	.66	.67	55.6	50.8	40.8	62.9	6.1	1.8	.287	.325	65	87	NW 2	NW 1	5	0	.25	⁰ showers n and 1p.
26	.41	.08	51.6	50.6	43.8	52.1	0.1	0.6	.380	.353	100	96	SE 6	NE 6	10	10	.74	⁰ 6a.-5p. and from 9p.
27	.28	.59	52.1	48.6	48.2	61.5	4.1	1.6	.286	.302	73	89	NW 6	NW 1	10	7	.03	⁰ showers 1p.-3p.
28	.76	.74	54.9	56.1	44.1	64.0	5.8	3.4	.283	.357	66	78	NW 2	W 2	5	10	—	Cloudy day.
29	.70	.75	57.6	50.6	50.6	63.8	6.1	2.0	.311	.318	66	86	NW 6	W 4	7	5	.04	Cloud and sunshine. [●] noon.
30	.79	.85	57.6	50.6	46.2	62.5	4.6	0.6	.346	.353	73	96	W 4	SE 1	5	10	.10	⁰ showers from 5p.
31	29.95	29.99	54.6	52.3	43.6	58.3	2.5	2.4	.356	.330	84	83	SE 2	NE 1	10	10	—	Dull day.
Mean	29.756	29.757	57.5	53.7	48.1	63.3	4.4	2.2	.355	.357	74.7	86.0	2.7	2.3	7.9	9.2	2.81	

GLASGOW.—JULY 1902.

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

1	29.80	29.92	53.2	54.7	49.8	63.2	4.0	4.1	30.2	31.8	74	75	E 1	E 1	10	9	—	Dull and cloudy.
2	30.03	30.01	54.3	55.5	49.0	64.7	5.6	3.2	28.0	35.2	67	80	S 1	SW 1	9	7	0.056	Dull and cloudy.
3	29.92	29.78	57.2	56.7	52.6	60.3	2.2	1.0	40.3	43.0	86	94	SW 1	S 1	10	10	0.170	Overcast, with showers.
4	29.70	29.87	58.4	57.4	56.3	67.1	1.4	4.2	44.5	35.2	91	74	SW 1	W 1	10	5	—	Overcast a. Clear after 2p.
5	30.00	29.97	59.3	60.1	49.1	71.6	7.1	4.4	39.9	38.6	61	75	W 1	SW 1	0	4	—	Fine and clear.
6	29.87	29.84	58.6	57.7	53.5	64.6	1.8	3.5	43.7	37.6	89	78	SW 1	W 2	10	10	—	Dull day.
7	29.87	29.91	56.4	53.9	53.9	60.1	2.6	2.6	38.0	34.3	84	83	W 2	W 1	9	8	0.022	Dull day.
8	29.86	29.70	55.3	56.1	53.5	59.9	1.1	1.1	40.5	41.8	92	92	SW 1	W 2	10	10	0.254	Overcast, with showers.
9	29.54	29.35	57.2	53.1	53.1	61.1	1.4	1.7	42.6	35.7	91	88	SW 1	W 2	10	9	0.390	a. Dull and cloudy.
10	29.34	29.66	50.3	52.3	50.0	59.1	1.8	5.9	31.9	25.2	88	64	N 1	NW 1	10	5	0.012	2a. shower 1p. Cloudy day.
11	29.88	29.96	54.0	50.2	44.3	60.3	7.2	3.9	24.4	26.9	58	75	NW 1	W 1	6	6	0.129	Fine day.
12	29.84	29.68	49.9	56.0	44.1	57.3	1.3	0.6	32.6	43.1	91	96	NE 1	SW 1	10	10	0.820	Overcast, with showers.
13	29.74	29.78	58.1	57.3	53.9	61.9	4.4	1.5	35.9	42.4	74	90	SW 1	W 1	7	10	0.012	Cloudy day.
14	29.78	29.78	60.4	60.2	56.9	63.3	1.8	1.8	46.6	46.3	90	89	SW 1	SW 1	10	10	0.010	Dull and overcast.
15	29.74	29.83	59.9	55.8	55.8	65.4	2.9	3.9	42.4	34.1	83	76	W 1	W 1	8	3	—	Overcast. 2 shower 9p.-12p.
16	29.85	29.78	58.2	54.9	52.1	61.7	3.8	1.2	37.4	39.7	77	93	SW 1	SW 1	10	10	0.117	Cloudy day.
17	29.73	29.79	56.1	50.9	50.9	59.8	4.8	3.5	32.3	28.6	71	77	W 1	W 2	8	7	—	Fine a. Dull and cloudy p.
18	29.87	29.90	55.2	52.4	44.8	59.8	9.0	4.2	22.6	28.8	52	73	NW 1	W 1	6	8	0.060	9 noon, and n. Dull day.
19	29.80	29.81	52.7	51.0	47.9	59.9	4.2	1.5	29.2	33.6	73	90	W 1	E 2	10	10	—	Fine day.
20	29.88	29.85	52.6	52.2	45.7	59.2	6.6	4.9	24.1	27.0	61	70	NW 2	NW 1	8	7	—	Fine day.
21	29.83	29.70	53.0	52.4	45.6	61.8	5.1	3.0	27.5	31.6	69	80	NW 1	W 1	8	10	—	Fine day. Dull p.
22	29.67	29.71	54.4	52.9	48.1	60.3	3.6	2.7	32.6	32.8	77	82	NE 1	NE 1	9	10	0.012	Dull day. showers in afternoon.
23	29.69	29.63	57.7	52.2	48.1	64.5	3.7	1.8	37.0	34.2	77	88	W 1	E 2	9	10	0.033	showers 5a. and 1p. Cloudy.
24	29.56	29.50	50.1	48.7	46.3	59.2	2.1	4.3	30.8	24.5	85	71	W 1	W 1	9	1	—	Fine day.
25	29.64	29.63	52.9	51.4	42.1	59.3	5.6	3.4	26.4	29.5	66	78	W 1	S 1	4	3	0.426	Overcast, with showers. Dull p.
26	29.26	29.05	52.1	52.3	47.2	54.1	0.7	1.3	37.1	35.7	95	91	E 2	NE 1	10	10	0.273	Fine day.
27	29.32	29.63	54.2	50.2	50.2	60.9	6.7	4.8	25.7	25.1	61	69	NW 1	W 2	6	4	—	Fine day.
28	29.77	29.76	55.4	55.0	47.3	61.3	5.6	2.3	29.6	36.7	67	85	W 1	SW 2	8	10	0.007	showers. 6.30p.
29	29.74	29.81	56.7	51.0	50.9	59.6	5.8	3.0	30.7	29.9	67	80	W 2	W 2	7	3	0.034	Cloudy day.
30	29.80	29.85	54.1	50.2	49.2	59.3	4.0	2.5	31.1	30.0	75	83	W 1	W 2	10	7	—	Dull and overcast.
31	29.92	29.96	54.1	52.7	45.2	58.4	5.2	3.0	28.5	32.0	69	80	NE 1	W 1	8	10	—	
Mean	29.749	29.758	55.2	53.8	49.6	61.3	4.0	2.9	33.4	33.9	76.2	81.3	1.1	1.3	8.4	7.6	2.837	



COCKLE PARK (NEAR MORPETH).—JULY 1902.

Height above Mean Sea Level, 324 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 41' W. Lat. 55° 13' N. Gravity Correction, +026 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.	Rain, 24 hours beginning	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.	9 a.m.	9 p.m.	9 a.m.		9 a.m.		
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%				ins.		
1	29.61	29.77	49.0	42.0	41.0	54.0	2.0	1.0	.298	.245	86	92	NW 5	W 2	10	1	0.010	showers a., then fine.
2	.88	.88	51.0	46.0	41.0	55.0	4.0	1.0	.276	.287	74	93	NW 2	SE 2	10	3	—	Fine and sunny.
3	.81	.70	60.0	57.0	43.0	64.0	5.0	2.0	.369	.405	71	87	SW by W 5	SW 2	8	10	.115	Dull day. n.
4	.58	.70	60.0	53.0	52.0	64.0	2.0	0.0	.453	.493	88	100	SW 5	NW 1	10	10	.210	Dull day.
5	.86	.87	63.0	50.0	49.0	64.0	5.0	1.0	.414	.334	72	93	NW 1	SE 2	4	3	—	Very fine and sunny.
6	.74	.66	70.0	57.0	47.0	72.0	7.0	0.0	.476	.465	65	100	S 3	W 4	5	4	—	Fine and sunny.
7	.68	.72	61.0	55.0	53.0	66.0	4.0	3.0	.410	.349	77	81	W 5	W 5	7	9	.033	Sunny day, with rain.
8	.74	.55	57.0	60.0	51.0	61.0	1.0	0.0	.434	.518	93	100	W 2	W 3	10	10	.053	Dull day, with rain.
9	.40	.16	61.0	52.0	51.0	63.0	2.0	1.0	.470	.361	88	93	SW 3	W 5	10	7	.088	showers a. Dull day.
10	.13	.39	49.0	48.0	47.0	57.0	1.0	1.0	.322	.309	93	93	NNW 3	NNW 6	10	8	.028	showers.
11	.66	.82	50.0	44.0	43.0	57.0	4.0	1.0	.265	.265	74	92	NW 6	Calm 0	8	4	—	Sunny day, with rain.
12	.73	.58	58.0	55.0	40.0	60.0	5.0	2.0	.342	.375	71	87	W 4	SW 7	9	9	.005	Very fine early a. rain.
13	.59	.63	59.0	58.0	54.0	63.0	2.0	1.0	.436	.451	88	93	W 6	W 3	9	10	.010	Fine a. showers p.
14	.64	.66	63.0	56.0	55.0	66.0	2.0	1.0	.506	.419	88	93	NW 4	SE 1	8	4	.010	Cloudy day.
15	.60	.68	61.0	49.0	48.0	71.0	1.0	1.0	.593	.322	94	93	W 4	W 2	9	1	—	Fine and sunny.
16	.69	.64	59.0	53.0	45.0	64.0	3.0	0.0	.407	.403	82	100	W 3	W 3	8	7	—	Fine day.
17	.56	.59	59.0	52.0	45.0	66.0	2.0	3.0	.436	.310	88	80	SW 3	NW 4	9	7	.030	to a., then fine.
18	.67	.74	53.0	49.0	47.0	58.0	3.0	1.0	.322	.322	80	93	NW 3	NW 1	10	10	.030	Dull, with showers.
19	.65	.63	56.0	49.0	44.0	59.0	5.0	2.0	.317	.298	70	86	NW 1	NE 1	7	10	—	Fine day.
20	.63	.63	51.0	47.0	43.0	52.0	4.0	1.0	.276	.298	74	93	NE 3	N 6	10	10	.072	Dull, with showers.
21	.63	.57	51.0	47.0	45.0	54.0	3.0	1.0	.299	.298	80	93	NNW 4	SE 1	10	10	.015	Dull day.
22	.52	.56	50.0	48.0	45.0	56.0	1.0	1.0	.334	.309	93	93	SE 2	Calm 0	10	10	—	Dull day.
23	.54	.46	53.0	49.0	42.0	59.0	3.0	0.0	.322	.348	80	100	Calm 0	Calm 0	9	10	.268	Dull day. rain.
24	.38	.43	50.0	44.0	42.0	55.0	2.0	1.0	.309	.265	86	92	N 4	W 3	10	3	.015	Dull day. rain.
25	.51	29.52	54.0	50.0	43.0	63.0	6.0	2.0	.267	.309	64	86	W 4	SE 2	5	4	.510	Fine and sunny. rain.
26	.15	28.90	52.0	55.0	46.0	67.0	0.0	0.0	.388	.433	100	100	SE 7	SE 2	10	10	1.210	(gale).
27	.12	29.44	52.0	47.0	47.0	64.0	2.0	0.0	.335	.298	86	93	NW 2	NW 1	10	4	.115	Dull day.
28	.64	.64	55.0	52.0	45.0	61.0	4.0	2.0	.325	.335	75	86	WNW 4	SW 4	6	6	.032	Sunny day. showers.
29	.58	.63	58.0	50.0	49.0	63.0	5.0	3.0	.342	.286	71	80	NW 6	W 4	4	1	—	Sunny day. rain.
30	.63	.66	59.0	49.0	47.0	62.0	6.0	1.0	.330	.322	66	93	W 5	Calm 0	6	6	.007	Sunny day. rain.
31	29.74	29.81	52.0	47.0	42.0	58.0	2.0	1.0	.335	.298	86	93	NW 1	Calm 0	7	8	—	Fine day.
Mean	29.590	29.601	56.0	50.6	46.2	61.3	3.2	1.2	.365	.343	80.7	92.0	3.5	2.5	8.3	6.7	2.656	

CRONKBORNE.—JULY 1902.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29' W. Lat. 54° 10' N. Gravity Correction, +024 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.			9 p.m.
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
	ins.	ins.							in.	in.	%	%					ins.	
1	29.80	29.97	53.6	48.2	48.2	61.5	1.0	1.5	.383	.300	93	90	NNW 2	NNW 1	10	4	—	Dull day. D p.
2	30.09	30.10	57.8	49.0	46.0	59.5	2.8	2.2	.395	.294	82	85	NNW 2	NNE 2	4	4	—	D a. and p. Fine.
3	30.02	29.92	55.8	55.2	46.2	57.0	0.9	0.8	.420	.413	94	95	SW 3	WSW 3	10	10	.366	Overcast.  (mist). ● p.
4	29.84	29.96	56.0	54.8	53.5	62.5	0.5	1.1	.434	.399	97	93	SSW 3	NW 3	10	9	.004	● ⁰ a.  (mist). Dull day.
5	30.08	30.05	62.0	51.8	51.8	65.5	6.2	1.9	.367	.336	66	87	SSE 2	NW 1	0	2	—	Very fine day. D p.
6	29.98	29.96	64.2	57.6	48.2	66.0	4.2	2.6	.458	.398	76	83	S 2	W 3	2	3	—	Fine day. D p.
7	30.00	30.03	58.6	57.0	52.4	65.0	3.3	1.5	.393	.420	80	90	WNW 3	Calm 0	10	5	.166	Dull day. D p.
8	29.96	29.84	55.6	63.0	54.3	63.7	0.5	1.5	.427	.523	97	91	SW 1	WSW 3	10	10	.297	Overcast day. ● a. and p.
9	.69	.51	57.5	55.8	52.2	63.0	2.0	2.2	.414	.384	87	86	W 4	W 4	10	8	.710	Dull, with ● ² showers
10	.45	29.73	49.6	49.4	49.3	56.0	0.9	1.4	.332	.317	94	90	NNW 5	NNW 6	10	6	.057	● showers a. Dull p. Squally
11	.97	30.07	55.4	47.2	47.0	61.7	5.3	1.2	.301	.295	69	92	NNW 5-6	Calm 0	2	10	.003	Squally a. Very fine day. D p.
12	.95	29.86	55.0	55.8	45.3	57.2	2.4	0.6	.381	.429	85	95	SSW 3	WSW 4	10	10	.050	Overcast day. ● showers p.
13	.87	.88	56.4	56.4	54.4	64.2	0.9	1.1	.428	.422	95	93	W 3	SW 2	10	8	.012	● a. Dull day.
14	.89	.88	59.7	60.0	50.4	68.0	1.1	2.0	.477	.453	94	88	SW 2	Calm 0	9	9	—	Fine day. D p.
15	.86	.93	64.8	53.6	53.6	69.0	4.2	1.6	.469	.366	77	89	W 3	N 1	4	6	—	Fine day. D p.
16	.93	.87	59.0	55.4	48.5	63.7	4.0	2.6	.380	.366	76	84	SSW 2	W 1	9	8	—	Dull day.
17	.86	.92	61.8	50.4	50.4	64.6	5.8	1.9	.374	.318	68	88	NNW 4	NNW 3	3	3	.007	Fine till 2 p., then ● showers.
18	.97	.96	56.4	51.0	47.8	61.4	4.9	1.5	.324	.336	71	90	NNW 5	NNW 5	4	9	—	Very fine day.
19	.90	.82	54.0	50.4	49.0	54.6	3.0	2.4	.334	.330	80	84	NW 3	NE 2	10	10	.125	Dull day. ● showers.
20	.91	.91	55.0	50.8	49.0	61.2	1.2	1.5	.397	.333	92	89	NNW 4-5	NNW 4	4	10	—	Cloudy day.
21	.90	.84	53.9	51.0	42.3	61.3	4.0	2.0	.310	.323	74	86	N 2	WNW 3	9	8	.028	Fine day.
22	.70	.76	55.6	53.2	50.0	63.7	0.6	1.2	.425	.371	96	92	NW 2	NW 3	3	7	—	● a. Dull day.
23	.77	.73	63.7	50.8	49.9	64.0	5.9	2.1	.401	.319	68	86	NW 2	NNW 3	3	4	—	Fine day.
24	.66	.72	55.6	48.7	42.4	60.2	6.2	2.5	.285	.284	64	82	NNW 5	WNW 3	3	6	—	Fine day.
25	.74	.63	57.3	55.0	43.2	60.4	4.2	2.3	.351	.367	75	85	SE 3	ENE 4	6	10	1.232	● ⁰ 10 a. ● ² n.
26	.22	.10	56.8	56.4	53.5	62.0	0.2	0.1	.456	.453	98	99	S 4	WNW 3	10	10	.540	Dull day. ● ² after 2 p.
27	.42	.75	55.0	49.4	49.4	62.0	2.8	1.9	.354	.305	82	88	NW 5	NW 3	6	4	.076	Squally ● showers.
28	.90	.91	58.0	57.1	42.8	61.0	5.2	2.1	.337	.404	70	86	WNW 3	W 3	3	7	—	Fine day.
29	.91	.94	59.2	51.2	50.8	62.0	3.8	1.2	.389	.345	77	92	WNW 4-5	NW 3	7	3	.011	Cloudy, with ● showers.
30	.95	29.95	57.7	50.5	48.0	61.0	3.7	1.2	.370	.336	77	91	WNW 4	NW 2	7	7	.002	Cloudy day. ● showers 3.30 p.
31	29.98	30.03	54.0	47.0	44.3	61.1	3.0	0.9	.334	.301	80	94	NW 3	N 2	10	6	—	Cloudy day. D ² 9 p.
Mean	29.844	29.856	57.3	53.1	48.8	62.1	3.1	1.6	.384	.363	81.7	89.1	3.2	2.6	6.9	7.0	3.686	

STONYHURST.—JULY 1902.

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

1	29°54	29°74	58°4	47°7	47°7	61°7	1°6	3°3	*439	*255	90	78	WbyN1	NEbyN1	10	0	*145	● p.	
2	28°88	28°89	54°5	54°0	39°7	61°6	5°5	3°3	*284	*327	67	78	ElyN1	Calm	9	7	—	Fine day.	
3	28°84	28°75	61°0	58°0	48°9	64°3	7°0	3°4	*334	*383	62	79	SW1	SW1	10	10	*150	● showers p.	
4	28°66	28°72	57°0	58°4	54°5	59°7	1°0	1°4	*434	*445	93	91	sWbyS3	sWbyW1	10	10	*345	● all day.	
5	28°84	28°84	63°4	62°7	54°5	60°7	4°2	4°5	*444	*424	76	74	SSE1	E1	7	0	—	Fine and sunny.	
6	29°79	29°64	65°0	62°6	52°5	72°5	4°0	2°4	*478	*486	78	85	Calm	Calm	8	10	—	Fine and sunny.	
7	29°75	29°80	59°0	57°0	56°1	62°6	4°0	2°6	*380	*388	76	83	W3	sWbyW1	10	9	*110	Short sunny intervals p.	
8	29°77	29°63	58°6	61°0	53°8	61°2	1°7	1°2	*440	*496	89	93	SW1	sWbyW3	10	10	*780	● all day.	
9	29°49	29°28	59°3	55°3	55°2	61°6	2°0	2°3	*436	*372	88	85	sWbyW4	sWbyW3	10	10	*425	Squally, with ● showers.	
10	29°17	29°42	54°6	53°4	51°3	57°7	1°9	3°4	*373	*317	88	78	WSW4	WNW2	10	8	*090	Squally, with ● showers.	
11	29°71	29°82	54°0	49°4	43°7	57°7	7°0	3°4	*248	*272	59	77	NW1	SW1	1	8	5	—	Fine and sunny.
12	29°78	29°69	56°0	54°2	43°6	61°6	4°7	2°4	*324	*353	72	84	S1	sWbyW2	10	10	*047	~~~~~° (mist) ga.	
13	29°67	29°68	57°4	57°0	52°7	65°2	2°6	3°2	*395	*372	84	80	SW2	Calm	10	5	—	—	
14	29°69	29°66	60°0	59°8	51°5	72°5	6°0	3°8	*344	*397	66	77	Calm	Calm	10	8	—	Fine and sunny.	
15	29°63	29°69	66°8	58°7	51°8	67°7	8°8	3°4	*374	*392	57	79	SW1	WNW1	8	0	—	Fine and sunny.	
16	29°71	29°66	62°0	55°4	51°5	65°7	4°0	4°0	*427	*332	77	75	SE1	WSW1	9	3	—	~~~~~° (mist) a. Sunny intervals p.	
17	29°62	29°67	61°0	53°6	49°4	62°5	4°6	3°9	*394	*308	74	75	WbyS2	WbyS1	8	2	—	Fine and sunny.	
18	29°68	29°73	55°0	55°5	48°9	59°9	5°6	6°1	*289	*286	67	64	WSW2	NW1	9	10	—	Fine, but cloudy.	
19	29°65	29°57	57°0	51°8	47°7	58°2	6°0	2°3	*304	*326	65	85	WbyS2	Calm	9	10	*035	Fine day.	
20	29°62	29°64	53°0	50°0	45°8	56°7	6°0	3°5	*257	*276	64	77	NWbyN2	NW1	9	10	*080	● showers p.	
21	29°63	29°60	52°0	51°2	47°4	55°7	4°8	3°3	*270	*295	70	78	NNW1	WSW1	10	10	*260	Dull day.	
22	29°51	29°51	53°0	53°7	48°3	56°7	1°6	1°7	*358	*364	89	88	Calm	NbyW1	10	10	—	Overcast, with ●.	
23	29°54	29°51	58°2	54°8	48°5	62°9	4°5	2°3	*358	*365	74	86	Calm	WSW1	9	10	—	~~~~~° (mist) ga. Fine and sunny.	
24	29°41	29°47	55°0	48°0	48°0	58°4	5°2	4°0	*298	*243	69	73	sWbyW3	sWbyW1	10	0	—	Fine and sunny.	
25	29°53	29°45	57°8	57°0	42°2	65°7	6°8	5°0	*298	*327	62	70	SbyW1	NEbyN1	8	7	*440	Fine and sunny. ~~~~~° (mist) ga.	
26	29°06	29°82	60°0	57°3	52°8	67°5	2°7	1°7	*432	*418	84	89	SEbyS2	SbyW4	10	10	*450	● before ga. T ● showers p.	
27	29°12	29°50	54°0	52°4	52°3	59°3	2°8	3°1	*339	*314	81	80	WSW3	WSW2	10	9	—	Sunny intervals p.	
28	29°69	29°71	55°2	56°0	46°8	60°5	5°2	2°6	*301	*375	69	83	WbyS2	SW1	9	10	*155	Sunny intervals. ● showers p.	
29	29°68	29°71	55°4	53°3	53°2	60°5	1°4	1°8	*398	*357	91	88	WbyS3	SW1	10	9	*080	Squally, with ● showers.	
30	29°72	29°70	58°0	50°6	49°5	59°5	5°0	2°6	*342	*327	71	82	sWbyW3	WbyS1	9	8	—	Fine p.	
31	29°73	29°80	56°0	51°0	44°7	61°7	5°0	3°0	*317	*299	70	80	Calm	Calm	10	3	—	Fine day.	
Mean	29°615	29°622	57°7	54°9	49°5	62°2	4°3	3°1	358	351	74.9	80.5	1°6	1°1	9.3	7.2	3°592		

HILLINGTON.—JULY 1902.

Height above Mean Sea Level, 88 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 3 feet 6 inches.
Long. 0° 33' E. Lat. 52° 48' N. Gravity Correction, +021 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.			9 a.m.	9 p.m.
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
	ins.	ins.							in.	in.	%	%					ins.	
1	29.80	29.97	58.5	51.0	50.0	63.9	1.8	1.1	.434	.345	88	92	NE 2	NE 3	10	10	.16	
2	29.13	29.17	53.5	45.8	45.8	61.4	3.2	1.1	.323	.293	79	91	NE 3	N 1	8	0	—	
3	29.17	29.17	60.0	57.5	39.5	66.7	4.6	1.8	.379	.419	73	88	SW 2	Calm 0	0	8	—	
4	29.02	29.99	61.5	63.8	53.1	69.5	3.8	1.2	.424	.548	78	93	SW 2	Calm 0	5	9	.03	
5	29.09	30.16	66.0	56.0	52.3	73.9	3.4	6.0	.516	.293	81	65	Calm 0	NE 2	8	10	—	
6	29.11	30.00	67.6	65.4	50.2	78.4	5.9	0.6	.465	.605	69	96	S 3	Calm 0	5	10	—	
7	29.01	30.03	68.0	62.2	54.0	74.7	6.0	3.7	.470	.437	69	78	NW 3	Calm 0	4	5	—	
8	29.06	29.90	64.3	70.1	54.3	74.8	4.6	4.7	.447	.552	74	75	NW 1	NW 2	10	10	—	
9	29.81	29.62	63.9	56.6	56.6	71.3	2.2	0.9	.514	.431	86	93	WSW 2	W 4	10	9	.40	
10	29.48	29.61	55.6	52.8	49.8	63.5	1.8	2.1	.389	.343	88	85	W 4	NNW 4	10	10	.03	
11	29.90	30.08	56.0	48.8	48.5	60.4	6.2	1.2	.288	.315	64	91	NW 4	Calm 0	8	10	—	
12	29.09	29.99	56.9	58.1	41.1	67.5	4.6	2.5	.335	.409	72	84	NE 2	Calm 0	0	10	—	
13	29.96	29.93	65.0	60.8	49.2	77.4	7.3	3.1	.384	.433	62	81	NW 2	Calm 0	6	10	—	
14	29.95	29.93	69.5	60.6	48.9	82.3	7.0	2.0	.467	.464	65	88	Calm 0	NE 1	3	0	—	
15	29.88	29.91	70.1	64.9	53.7	83.0	7.0	4.5	.477	.461	65	75	Calm 0	N 1	4	10	—	
16	29.92	29.91	67.0	58.1	54.3	73.7	8.4	3.4	.386	.382	58	80	NE 2	Calm 0	0	10	—	
17	29.89	29.89	64.8	62.2	52.3	74.5	7.2	3.5	.384	.444	62	79	Calm 0	NW 1	7	0	.28	
18	29.92	29.95	57.0	52.1	50.9	62.2	4.3	0.4	.344	.376	74	97	NW 1	Calm 0	6	10	.21	
19	29.94	29.82	52.1	52.0	50.1	60.4	1.3	0.3	.355	.379	91	98	NW 1	NE 1	10	10	.25	
20	29.80	29.81	56.6	50.9	48.9	63.4	4.2	0.2	.342	.367	74	99	NE 3	N 2	7	10	1.17	
21	29.78	29.89	52.1	46.9	46.8	56.5	0.3	0.3	.381	.315	98	98	N 2	N 1	10	4	.04	
22	29.88	29.77	53.1	53.0	43.1	56.4	2.5	0.3	.336	.394	82	88	N 2	Calm 0	10	10	.12	
23	29.81	29.81	54.9	57.1	50.1	66.6	2.2	1.5	.369	.421	85	89	NNE 1	NE 2	10	10	—	
24	29.71	29.73	57.9	55.0	51.7	61.1	4.2	1.3	.360	.394	75	91	N 2	Calm 0	10	10	.01	
25	29.82	29.79	59.0	57.7	46.2	69.5	7.2	2.0	.304	.416	60	87	SE 1	SE 1	0	10	.24	
26	29.48	29.62	64.3	55.9	52.6	72.6	0.8	5.7	.533	.412	95	69	SW 3	E 5	5	10	.10	
27	29.41	29.78	61.1	52.3	51.8	64.7	2.0	0.6	.472	.375	88	96	WSW 3	SW 1	10	8	.05	
28	29.97	30.02	59.8	54.0	47.8	68.5	6.2	1.3	.336	.379	65	91	NW 2	Calm 0	6	0	—	
29	29.97	29.98	61.7	58.0	48.0	67.5	5.9	4.2	.370	.361	75	75	NW 3	W 2	9	9	—	
30	30.00	29.97	59.9	56.0	48.1	66.5	4.2	4.2	.388	.333	75	74	W 1	NW 1	10	10	—	
31	29.96	30.04	57.8	48.7	47.3	64.0	6.4	1.0	.316	.318	66	92	NW 1	E 1	9	1	—	
Mean	29.894	29.808	60.4	56.5	49.7	68.3	4.4	2.2	.396	.400	75.1	86.7	1.8	1.2	6.9	7.8	3.15	

CAMBRIDGE.—JULY 1902.

Height above Mean Sea Level, 83 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, $9\frac{1}{2}$ inches.
Long. $0^{\circ} 6' E$. Lat. $52^{\circ} 13' N$. Gravity Correction, +0.019 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.				
							Dep. of Wet.		Vapour Pressure.		Percentage.									
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		9 p.m.			
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%				ins.				
1	29°80	29°96	67°5	51°2	50°7	72°2	5°5	0°7	476	365	70	94	N	1	N	2	10	10	T 1 p. 5 p.-9 p.	
2	30°12	30°23	57°4	49°7	48°3	61°3	4°9	2°2	335	302	71	86	N	3	N	1	8	5	—	
3	30°20	30°23	60°7	58°3	40°8	69°1	6°3	3°5	347	334	65	78	SW	2	SW	1	10	10	Fine day.	
4	30°3	30°3	65°4	66°2	50°7	75°8	7°1	4°1	395	496	64	78	SW	3	W	1	0	7	—	
5	30°11	30°14	69°3	64°2	59°0	79°0	4°7	2°6	531	549	75	85	Calmo	0	SE	1	10	0	—	
6	30°12	30°12	68°1	66°2	54°2	80°1	4°8	5°0	509	468	74	73	SE	1	S	1	0	0	—	
7	30°05	30°07	69°0	62°9	54°1	78°3	4°6	4°6	531	424	75	74	NW	1	NNW	1	10	0	—	
8	30°09	29°96	69°0	69°1	52°7	81°0	3°0	6°6	587	471	83	66	WSW	1	SW	3	5	1	—	
9	29°85	29°65	65°2	56°9	55°6	70°0	3°2	1°5	507	418	82	91	WSW	3	WSW	3	10	9	2.280	
10	29°54	29°67	58°6	52°9	50°8	63°2	3°7	1°9	382	318	78	87	WSW	4	W	3	10	10	0.088	
11	29°97	30°12	56°0	51°0	48°5	63°1	6°7	3°0	280	334	62	80	NW	4	NNE	1	1	10	—	
12	30°12	30°03	59°0	61°1	40°0	70°1	6°0	6°1	330	337	66	66	NW	1	SW	3	1	10	—	
13	30°01	29°98	64°4	64°3	50°1	79°1	7°7	5°6	365	419	60	70	SW	2	Calmo	0	10	10	—	
14	29°98	29°94	71°1	66°3	50°2	86°2	9°8	7°0	416	411	54	64	Calmo	0	S	1	0	0	—	
15	29°90	29°93	73°7	66°1	54°1	84°0	9°8	4°1	463	495	57	77	WSW	1	NbyW	2	0	0	—	
16	29°96	29°92	67°6	62°3	52°0	78°3	6°5	4°4	449	420	67	75	N	3	S	1	0	0	—	
17	29°93	29°94	65°7	58°3	53°9	76°0	7°7	2°0	383	426	61	87	NW	1	WSW	1	10	5	0.053	
18	29°97	30°00	59°1	54°0	45°4	66°3	5°9	2°7	334	312	67	82	W	3	Calmo	0	5	6	—	
19	29°81	29°82	55°0	53°9	49°1	67°6	2°7	0°2	357	354	83	86	WSW	4	E	1	10	10	0.031	
20	29°81	29°85	55°5	50°2	49°2	63°0	2°8	0°4	362	351	82	98	NE	3	N	3	10	3	0.030	
21	29°84	29°92	53°9	49°0	48°1	57°9	2°1	1°4	357	312	87	90	NNW	3	NW	1	10	6	0.002	
22	29°86	29°90	56°0	55°0	48°0	60°8	3°6	1°1	352	400	77	92	SW	1	SW	1	10	10	0.017	
23	29°83	29°82	58°4	59°1	52°8	69°6	3°1	2°7	396	418	81	83	N	1	S	1	10	10	—	
24	29°75	29°76	60°2	56°9	49°0	67°9	6°9	2°8	326	381	62	83	SW	3	N	1	10	10	—	
25	29°85	29°81	60°1	60°2	50°2	70°0	8°1	3°8	298	404	58	77	N	1	SSE	1	0	10	0.160	
26	29°48	29°32	65°2	64°0	55°0	75°0	2°3	5°5	538	417	87	70	S	3	S	7	10	10	0.047	
27	29°46	29°83	62°2	52°9	50°9	65°8	3°9	2°0	433	346	78	87	SW	4	SW	4	10	10	0.012	
28	30°02	30°07	61°0	57°9	47°4	69°9	6°1	2°9	356	394	67	82	W	2	WSW	2	5	7	—	
29	30°04	30°04	64°1	58°4	49°3	71°3	6°8	4°2	383	367	64	75	W	4	WSW	2	10	10	—	
30	30°05	30°00	60°7	56°6	50°8	69°7	5°4	3°7	369	355	70	77	W	1	W	1	10	10	—	
31	30°01	30°07	59°7	55°3	49°1	67°0	6°1	2°3	338	372	66	85	N	1	ENE	1	10	10	—	
Mean	29°926	29°929	62°5	53°5	50°3	71°2	5°4	3°3	403	396	70°7	80°6	2°0	1°7	6°9	6°8	0°816			

ST. DAVID'S, PEMBROKE.—JULY 1902.

Height above Mean Sea Level, 215 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. $5^{\circ} 16' W$. Lat. $51^{\circ} 53' N$. Gravity Correction, +0.018 in.

1	29.75	29.85	63.9	52.9	52.3	66.3	2.2	0.0	517	402	87	100	NNW 4	NNW 4	6	10	0.005	Sunny intervals.	
2	30.00	30.03	61.3	58.7	51.8	65.7	4.0	0.6	416	313	77	63	SSE 3	Calmo 0	9	9	—	Sunny intervals.	
3	30.01	29.93	55.1	55.8	52.1	59.5	0.1	0.2	432	440	99	98	S	SSW 3	10	9	0.070	Dull day.	
4	29.87	29.91	56.8	56.7	53.6	58.8	0.0	0.0	462	460	100	100	SSW 3	SW 4	10	10	0.060	☉ 6a.-8a. ☁ p.	
5	29.99	29.97	58.9	58.5	55.4	64.5	0.0	0.0	499	491	100	100	SSW 1	W 1	10	8	0.010	☉ 0 a.	
6	29.95	29.93	59.4	57.0	56.2	63.8	0.9	0.1	478	462	95	99	SW 2	WSW 2	10	6	—	Dry ☁ a.	
7	29.98	30.00	60.1	56.4	52.8	65.3	2.7	0.4	437	443	84	97	NNW 2	WNW 3	7	0	—	Clear and sunny.	
8	29.99	29.91	61.9	57.9	54.2	65.1	2.2	0.0	480	480	87	100	WSW 1	SW 3	9	10	0.015	Sunny intervals. ☁ ² in evening.	
9	29.75	29.61	59.4	54.9	50.6	61.1	1.1	1.1	504	400	100	94	WSW 3	WSW 5	10	4	0.140	☁☁☁ a. and p.	
10	29.77	29.77	55.3	54.5	52.2	61.7	1.5	0.6	394	408	90	96	W 5	NW 6	8	3	0.012	Sunny intervals.	
11	29.97	30.03	53.6	53.4	52.1	61.8	1.7	1.8	363	358	88	88	NW 4	WNW 1	9	6	—	Bright and sunny.	
12	29.96	29.90	60.4	55.1	53.2	60.5	2.2	0.3	453	426	87	98	SW 2	SW 3	7	9	—	Fine and sunny.	
13	29.88	29.87	60.1	54.8	51.4	67.3	1.7	0.8	465	406	89	94	SW 2	Calmo 0	10	8	—	Fine and sunny.	
14	29.84	29.84	62.9	58.4	54.8	67.5	2.6	0.6	485	470	85	97	Calmo 0	SW 2	0	0	—	Fine and sunny.	
15	29.83	29.83	62.7	58.4	51.7	68.6	1.3	0.9	524	461	92	95	NW 2	NW 3	4	2	—	Fine and sunny.	
16	29.86	29.85	63.2	56.9	53.4	67.7	3.5	0.5	463	447	80	97	SW 1	W 1	9	0	—	Fine and sunny.	
17	29.85	29.87	60.9	57.4	55.2	67.3	6.2	0.7	353	451	66	96	NW 3	W 2	6	4	—	Fine and sunny.	
18	29.94	29.97	55.9	54.5	52.1	60.6	2.4	1.3	380	387	85	91	WNW 5	N 1	7	9	—	Fine and sunny.	
19	29.90	29.89	55.3	55.5	49.3	59.5	1.8	0.0	386	441	88	100	NW 2	WSW 3	10	10	0.702	☉ 0 a. ☉ in evening.	
20	29.68	29.68	55.5	50.1	49.4	59.8	2.2	0.4	378	352	86	97	NNE 6	NW 5	10	10	0.010	Gusty p.	
21	29.89	29.84	53.0	52.3	49.8	58.2	0.5	1.9	389	341	97	87	N 4	NW 2	8	7	—	Sunny day.	
22	29.72	29.71	54.5	54.4	52.1	61.0	0.6	0.5	408	408	96	97	WNW 3	NW 2	10	0	—	Sunny intervals.	
23	29.73	29.71	57.9	54.5	50.4	61.3	3.4	1.1	382	393	79	93	W 3	W 2	9	8	—	Sunny intervals.	
24	29.61	29.63	59.5	52.9	52.2	63.2	2.8	0.7	421	381	83	95	WNW 2	W 1	5	9	—	Sunny intervals.	
25	29.63	29.63	58.5	54.5	51.7	61.3	3.9	0.0	476	426	76	100	ESE 1	SW 4	2	10	0.805	Sunny intervals. ☉ p.	
26	29.14	29.13	58.4	57.4	54.3	61.2	0.0	0.4	489	459	100	97	S 6	SW 5	10	10	0.300	☉ a. and p.	
27	29.50	29.77	55.8	55.4	53.1	59.7	1.1	0.8	414	415	93	94	WNW 5	W 4	9	7	0.005	☁ 4a.	
28	29.89	29.97	58.0	56.5	50.4	63.2	1.4	0.6	439	439	91	96	W 3	W 5	8	3	—	Sunny intervals.	
29	29.97	29.98	56.6	56.5	54.2	62.8	2.1	1.0	428	427	87	94	W 5	WNW 5	9	2	—	Sunny intervals.	
30	29.97	29.97	57.0	54.7	53.4	60.3	2.1	0.3	402	413	86	98	NW 1	Calmo 0	8	10	—	Sunny intervals a.	
31	29.90	29.95	60.3	51.3	51.0	61.9	2.9	1.1	431	349	82	92	NW 3	N 2	4	5	—	Bright and sunny.	
Mean	29.822	29.825	58.5	55.4	52.9	62.7	1.9	0.8	434	418	88.2	94.9	2.9	2.7	7.8	6.4	2.131		

WOOLACOMBE.—JULY 1902.

Height above Mean Sea Level, 59 feet. Heights above Ground:—Bar., 20 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. $4^{\circ} 12' W$. Lat. $51^{\circ} 10' N$. Gravity Correction, +0.016 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning.	Remarks.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
							Dep. of Wet.		Vapour Pressure.		Percentage.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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1	29 ⁸ 89	29 ⁷ 99	57 ⁷	57 ¹	57 ⁰	65 ⁰	1 ²	2 ⁴	439	396	92	85	SW	2	W	2	—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
2	30 ² 14	30 ² 20	57 ⁷	56 ⁵	53 ⁰	66 ⁰	5 ⁶	2 ⁰	324	397	68	87	NE	3	SE	1	3	0	—	Very fine.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
3	30 ² 10	30 ¹ 11	59 ⁹	55 ⁷	52 ⁰	65 ⁰	6 ⁰	2 ⁰	343	385	66	87	SW	2	SE	2	9	7	—	—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
4	30 ² 10	30 ¹ 12	60 ⁵	57 ⁹	54 ⁰	64 ⁰	3 ¹	2 ³	428	467	81	98	SW	3	S	2	8	10	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

PLYMOUTH.—JULY 1902.

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 0 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 4° 8' W. Lat. 50° 22' N. Gravity Correction, +015 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.		
							Dep. of Wet.		Vapour Pressure.		Percentage.									
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.	
	ins.	ins.							in.	in.	%	%					ins.			
1	29.83	29.93	61.4	60.3	56.6	71.4	2.8	2.1	.453	.455	84	87	NW	1	N	3	10	3	—	Cloudy a. Sunny p.
2	30.07	30.18	60.7	55.3	54.0	62.0	5.4	2.4	.369	.369	70	84	NE	3	Calm	0	7	9	—	Clear and sunny.
3	29.86	29.90	60.9	55.3	47.4	63.1	6.0	1.2	.358	.402	67	92	SSE	3	Calm	0	8	2	—	Fine all day.
4	29.86	29.98	61.3	60.0	48.8	66.0	3.4	2.1	.433	.450	80	87	S	2	WNW	2	4	3	—	Beautifully fine and sunny.
5	29.80	29.99	61.3	62.7	56.9	70.0	1.3	3.1	.498	.466	92	82	Calm	0	Calm	0	10	9	—	Fine and sunny.
6	29.85	29.93	65.7	64.0	56.4	69.8	3.1	2.2	.520	.518	82	87	Calm	0	NW	2	8	0	—	Fine, sunny, and warm.
7	29.85	29.99	67.9	58.3	55.9	75.1	2.2	2.6	.493	.499	72	83	N	3	N	3	2	1	—	Fine and sunny all day.
8	30.10	30.08	63.2	63.7	52.1	76.4	4.8	7.5	.424	.359	73	61	N	3	NNW	3	0	1	—	Fine, sunny, and very warm.
9	29.96	29.79	62.0	57.6	57.3	67.6	2.2	1.4	.481	.432	87	90	WSW	3	Calm	0	10	8	18	Steady ☀ in afternoon.
10	29.71	29.88	60.7	54.8	53.9	63.3	4.9	3.9	.382	.326	72	76	W	5	NW	2	8	1	—	Squally and unsettled.
11	30.04	30.13	58.9	52.8	50.2	62.9	8.2	4.1	.283	.295	56	74	N	5	N	1	6	2	—	Fine and sunny.
12	29.87	30.04	59.8	55.8	46.0	62.9	5.6	2.2	.351	.384	68	86	SW	2	Calm	0	2	4	—	Beautifully fine and sunny.
13	30.00	29.97	62.8	62.3	47.5	68.7	4.7	4.7	.420	.412	74	73	SW	2	Calm	0	2	1	—	Beautifully fine and sunny.
14	29.94	29.94	70.3	65.2	51.1	73.6	10.2	6.4	.392	.411	52	66	Calm	0	NW	1	0	0	—	Fine and sunny all day.
15	29.93	30.00	68.9	59.8	55.7	73.5	8.8	1.5	.406	.466	56	91	N	3	N	3	1	0	—	Fine and sunny all day.
16	29.95	29.93	69.2	62.0	53.3	71.8	7.7	2.9	.441	.459	61	83	Calm	0	NNW	3	7	3	—	Fine and sunny.
17	29.97	29.98	64.8	58.5	53.0	71.1	3.9	2.6	.478	.411	79	83	W	1	N	2	1	1	—	Fine and sunny all day.
18	29.98	30.06	62.6	52.0	51.5	65.9	5.7	2.5	.389	.323	70	83	N	3	N	2	4	0	—	Fine and sunny all day.
19	29.81	29.76	61.1	53.0	47.7	65.4	6.2	0.1	.355	.400	67	99	Calm	0	SE	4	8	10	57	Sunny a. ☀ ² p.
20	29.66	29.83	54.0	55.1	50.7	61.0	3.3	4.2	.327	.322	78	74	NE	5	N	3	10	8	1	Squally a.
21	29.92	29.96	53.4	52.8	48.8	61.6	1.5	2.8	.366	.325	90	81	N	5	N	2	10	0	2	☀ ² showers.
22	29.87	29.85	59.1	56.3	42.8	61.8	2.8	1.4	.415	.412	83	90	WSW	3	NW	2	9	9	11	☀ showers.
23	29.85	29.85	59.8	56.2	50.2	63.9	2.0	1.3	.451	.413	88	91	Calm	0	Calm	0	10	1	—	Sunny p.
24	29.76	29.77	59.7	56.0	50.1	60.9	3.0	2.3	.419	.383	82	85	SW	3	Calm	0	10	10	—	Overcast all day.
25	29.78	29.61	60.6	57.4	53.9	63.5	3.1	0.5	.430	.457	82	97	SSW	2	SE	6	9	10	99	☀ ² p.
26	29.36	29.36	59.7	58.0	56.2	62.2	1.4	0.4	.467	.470	92	97	SSE	6	SW	6	10	10	16	☀ (gale) ☀ showers.
27	29.65	29.94	56.2	55.0	54.9	62.0	2.3	2.1	.385	.372	85	86	NW	4	W	2	10	0	—	☀ a. Sunny p.
28	30.05	30.15	60.3	57.6	53.9	63.9	2.6	2.5	.440	.401	84	81	WSW	4	W	2	10	2	01	Bright intervals.
29	29.83	29.84	62.7	57.2	55.9	68.0	5.3	2.2	.402	.403	70	86	WNW	4	NW	1	7	3	—	Fine, sunny, and warm.
30	30.09	29.92	60.0	56.0	54.5	64.9	2.3	1.6	.444	.402	86	89	WNW	1	N	2	8	8	02	Fine, but overcast.
31	29.98	30.01	58.7	55.2	53.0	62.1	3.2	1.3	.398	.398	80	91	SW	1	SW	1	9	10	09	Bright intervals.
Mean	29.938	29.953	61.5	57.6	52.3	66.4	4.3	2.5	4.15	4.03	76.2	84.5	2.5	1.9	7.0	4.2	2.16			

ARMAGH.—JULY 1902.

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

1	29.78	29.93	56.6	50.8	50.7	63.3	2.6	2.2	3.83	3.16	83	85	N	NBYN 0.5	10	0	—	Fine all day.
2	30.00	.96	61.9	59.3	42.0	67.2	5.6	5.0	3.81	3.59	69	71	WSW	SSE 1	0	3	—	
3	29.90	.77	60.6	57.6	55.8	61.4	4.6	0.8	3.88	4.51	74	95	SW	SSW 1	10	10	.250	
4	29.75	.94	61.2	51.5	51.5	64.3	1.3	0.3	4.97	3.73	92	97	SSW	NE 1	10	2	.075	
5	30.01	.94	61.6	60.5	45.0	69.0	4.8	5.9	3.98	3.54	73	67	SE	S 3	3	9	—	
6	29.88	.89	60.4	58.8	57.1	70.0	3.4	4.2	4.18	3.73	80	75	SW	WSW 1	10	9	—	
7	.95	.97	58.0	58.0	54.8	65.4	2.7	3.2	4.01	3.88	83	80	W	NW 0.5	10	10	.200	
8	.81	.77	59.0	60.8	55.0	67.7	0.4	2.2	4.87	4.61	98	87	SW	WSW 1	10	10	.085	
9	.61	.46	57.4	53.4	53.4	64.1	2.6	2.9	3.95	3.30	84	81	SW	WSW 1	10	10	.268	
10	.49	.78	56.0	50.8	50.8	59.7	3.4	3.5	3.55	2.85	79	77	NNW	NNW 1	9	8	—	
11	.96	.96	57.0	53.3	45.0	63.8	7.4	3.9	2.75	3.05	59	74	NNW	ESE 1	8	8	—	
12	.80	.75	55.6	56.6	50.0	60.0	1.4	2.0	4.02	4.00	90	87	SSW	SW 3	10	10	.105	
13	.78	.79	60.3	58.8	56.6	66.3	2.0	2.8	4.59	4.10	88	83	SW	SW 2	10	8	—	
14	.80	.79	59.6	60.6	56.9	64.9	2.6	3.0	4.28	4.33	84	83	SW	SW 0.5	10	10	—	
15	.79	.88	63.6	55.8	55.8	70.5	5.5	4.0	4.10	4.38	70	76	NW	WSW 0.5	4	3	—	
16	.87	.79	56.3	58.0	50.7	66.0	2.0	2.0	3.95	4.21	87	87	SW	SSW 0.5	10	9	.100	
17	.81	.90	59.6	50.6	50.6	64.1	5.0	1.8	3.64	3.23	71	88	NW	Calm 0	4	8	.157	
18	.95	.98	55.6	51.0	46.0	64.0	4.8	3.9	3.16	2.78	71	75	NW	NNW 0.5	9	4	.300	
19	.78	.75	51.4	53.1	48.0	58.0	0.0	1.3	3.80	3.68	100	91	SSW	NE 0.5	10	10	.555	
20	.90	.91	53.3	49.2	48.8	58.0	4.0	3.0	3.03	2.78	74	79	N	N 0.5	7	2	—	
21	.87	.77	53.3	54.6	42.0	63.8	3.8	4.0	3.08	3.19	75	76	NNW	NNW 1	10	10	.020	
22	.66	.72	56.4	54.8	51.4	61.3	2.5	2.8	3.82	3.51	84	82	NNW	Calm 0	10	9	—	
23	.72	.69	55.8	52.4	49.9	58.9	2.3	3.0	3.81	3.16	85	80	WNW	NNE 0.5	10	10	.024	
24	.62	.65	55.8	49.6	45.9	60.0	3.4	0.8	3.52	3.35	78	95	NNW	Calm 0	8	9	.132	
25	.66	.52	53.5	51.0	42.8	61.9	4.9	2.8	3.85	3.04	69	81	SW	E 1	7	8	1.425	
26	.05	.12	58.2	53.6	49.3	66.1	0.8	0.4	4.60	4.00	95	97	E	NNW 1	10	10	.483	
27	.45	.73	54.6	52.0	49.8	59.0	3.3	4.0	3.37	2.87	79	74	NNW	SW 0.5	10	3	.010	
28	.82	.84	58.3	56.8	44.0	63.3	5.5	3.2	3.34	3.70	68	80	SW	SW 2	4	10	.112	
29	.84	.90	55.0	51.0	51.0	65.7	1.0	3.4	4.03	2.90	93	78	NW	W 0.5	10	2	.007	
30	.89	.90	59.0	52.0	49.0	63.4	5.4	2.2	3.44	3.30	69	85	W	Calm 0	8	10	.040	
31	29.93	29.99	55.0	49.6	48.0	58.4	4.4	3.4	3.16	2.73	73	77	NNW	Calm 0	10	3	—	
Mean	29.778	29.797	57.4	54.4	49.9	63.5	3.3	2.8	3.19	3.49	79.5	82.0	1.0	0.9	8.4	7.3	4.318	

MARKREE CASTLE.—JULY 1902.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27' W. Lat. 54° 11' N. Gravity Correction, +024 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.	
							Dep. of Wet.		Vapour Pressure.								Percentage.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%				ins.	
1	29.87	30.00	58.0	52.8	52.8	66.0	4.0	2.8	367	325	76	81	NW 1	Calm 0	6	1	—
2	30.06	30.03	62.2	59.0	45.1	69.5	5.0	2.5	403	422	72	85	SE 2	S 1	3	7	.01
3	29.95	29.81	59.5	57.7	54.8	60.7	7.7	0.7	299	455	58	95	SW 2	SW 5	10	10	.17
4	29.83	30.00	59.0	54.0	54.0	63.1	0.8	1.5	474	374	95	90	NW 1	Calm 0	10	2	.01
5	30.04	29.97	64.2	65.0	46.3	72.5	4.4	2.0	452	544	75	88	SE 1	SE 1	5	10	.04
6	29.95	29.98	65.4	56.9	56.9	67.7	5.0	2.7	454	384	73	83	SW 1	W 2	8	9	—
7	30.04	29.04	58.0	56.9	54.3	64.3	2.2	1.1	415	430	86	94	WNW 1	Calm 0	8	10	.34
8	29.88	29.86	61.8	59.9	56.0	64.0	0.9	1.1	521	480	94	94	SW 5	SSW 2	10	10	.08
9	.70	.60	59.0	54.5	54.0	63.9	2.1	1.3	433	387	87	91	W 1	SW 4	10	10	.31
10	29.67	29.93	52.3	51.8	60.3	57.9	1.6	3.9	349	289	89	75	NW 6	NW 5	5	9	.03
11	30.07	30.02	55.5	53.9	47.3	62.3	6.5	2.4	277	349	62	85	NW 2	Calm 0	6	10	.09
12	29.86	29.83	58.0	57.4	52.8	61.5	1.5	0.4	436	459	90	97	WSW 4	SW 2	10	10	.15
13	.85	.87	60.0	60.2	57.2	65.0	0.8	2.0	492	456	95	88	SW 1	SW 2	10	10	—
14	.86	.85	61.0	61.0	58.3	61.9	0.7	1.8	513	477	96	89	SW 1	SW 1	10	10	.01
15	.88	.97	61.5	53.0	53.0	65.9	3.3	1.0	439	374	80	93	SW 1	Calm 0	7	9	—
16	.91	29.86	59.9	56.9	49.3	62.9	3.1	1.4	419	421	82	92	SSW 1	SW 1	10	7	.08
17	29.92	30.02	58.9	48.0	46.5	61.3	4.1	0.5	376	322	75	97	Calm 0	Calm 0	7	4	.02
18	30.07	30.08	54.8	52.8	40.9	61.1	2.3	3.8	365	301	86	75	NW 1	NW 1	1	8	.16
19	29.85	29.86	55.8	55.0	49.8	61.4	0.6	3.1	428	347	95	80	NNW 3	N 5	10	9	.05
20	30.01	30.02	56.2	50.0	49.7	59.5	6.2	3.9	293	267	64	75	NW 5	N 4	6	8	—
21	29.99	29.88	53.7	53.9	49.0	59.4	4.4	2.0	298	359	72	87	NW 2	W 2	9	10	.13
22	.78	.83	55.0	52.8	51.8	60.5	1.5	2.0	389	346	90	87	NW 3	NW 4	8	10	.02
23	.82	.78	55.8	52.7	49.8	61.2	1.8	2.6	393	329	88	83	Calm 0	Calm 0	10	10	—
24	.73	.74	54.0	48.5	48.5	61.3	4.7	2.0	295	292	71	86	NNW 3	Calm 0	8	4	—
25	.73	.55	58.2	53.8	38.4	63.4	7.2	3.0	294	332	60	80	Calm 0	ESE 5	6	9	.80
26	.15	.29	59.9	53.8	44.7	61.5	1.7	2.3	461	351	90	85	Calm 0	NW 6	10	10	.03
27	.61	.83	55.0	51.9	49.8	61.5	5.2	1.9	298	336	69	87	NW 4	Calm 0	8	9	.01
28	.89	29.93	55.0	55.0	47.7	63.1	1.5	2.0	389	375	90	87	S 2	S 2	8	9	.03
29	29.96	30.00	57.5	53.0	41.7	63.0	3.1	2.0	383	347	80	86	WSW 2	Calm 0	9	8	.05
30	30.00	29.99	57.0	48.9	48.9	60.7	5.5	1.4	316	312	68	91	W 2	Calm 0	9	5	.09
31	30.02	30.07	54.8	48.9	44.8	58.3	4.3	1.0	316	321	74	93	Calm 0	Calm 0	6	4	—
Mean	29.869	29.887	58.0	54.5	49.6	62.8	3.3	2.0	388	373	80.1	87.1	1.9	1.8	8.1	8.1	2.71

BIRR CASTLE.—JULY 1902.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar., —2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 inches.
Long. 7° 55' W. Lat. 53° 6' N. Gravity Correction, +.021 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.			Wind Direction and Force.		Cloud Amount.		Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	
1	ins.	ins.	62.3	58.0	52.8	67.8	3.4	2.3	in.	in.	W	2	8	0	ins.
2	29.83	29.93	62.3	59.7	43.8	70.4	7.2	3.0	354	449	E	1	2	10	—
3	29.96	29.84	60.2	56.8	49.6	62.2	3.0	0.9	426	435	SW	1	9	10	—
4	29.84	29.95	62.1	62.0	55.9	67.1	1.7	1.2	499	513	SW	2	10	10	—
5	30.02	29.97	62.6	63.7	55.9	70.7	2.0	2.2	499	513	SW	2	10	10	—
6	29.95	29.97	63.7	58.2	57.6	69.6	2.8	3.3	494	387	WNW	2	10	10	—
7	30.02	30.05	58.2	57.2	54.3	65.7	2.8	3.3	494	387	W	1	10	10	—
8	29.94	29.88	62.2	60.7	53.0	64.8	1.8	2.3	497	456	W	1	10	10	—
9	29.94	29.94	58.3	54.9	51.3	63.2	2.4	2.7	414	356	SW	3	10	10	—
10	29.63	29.89	55.6	50.2	49.8	60.8	4.5	3.0	322	289	NW	5	10	10	—
11	30.05	30.02	56.6	55.2	48.2	65.2	6.2	3.4	297	342	W	2	10	10	—
12	29.92	29.86	56.2	58.2	52.2	62.2	1.5	2.5	408	410	NE	1	10	10	—
13	29.86	29.86	63.2	59.5	54.0	71.2	5.2	2.3	412	435	W	2	10	10	—
14	29.85	29.85	65.7	61.3	52.9	74.0	5.3	2.0	450	476	Calm	0	3	2	—
15	29.89	29.95	61.5	56.2	52.6	73.8	4.4	3.0	407	367	SW	2	10	10	—
16	29.91	29.86	58.1	57.9	50.9	67.4	2.7	2.6	403	403	Calm	0	8	3	—
17	29.89	29.95	59.2	55.7	55.7	66.9	4.3	2.7	375	368	SW	1	6	7	—
18	30.05	30.06	58.2	51.2	41.8	63.3	6.2	3.3	316	295	NW	1	5	2	—
19	29.88	29.75	52.7	55.1	46.1	59.9	0.5	1.2	384	399	SW	1	10	9	—
20	29.91	29.99	54.2	50.3	43.3	63.2	3.0	3.5	337	279	E	3	10	9	—
21	29.95	29.88	52.7	55.7	46.1	62.2	4.8	3.3	279	353	W	3	9	8	—
22	29.76	29.77	56.4	56.0	51.3	63.7	2.5	2.8	382	370	NW	3	10	8	—
23	29.78	29.72	53.7	55.8	49.8	59.7	2.2	2.9	352	365	N	1	9	9	—
24	29.67	29.67	53.3	54.2	49.7	60.4	2.9	3.3	330	330	N	1	8	9	—
25	29.67	29.42	54.2	53.7	46.5	61.1	1.9	1.8	366	362	NW	1	7	10	—
26	29.68	29.22	62.3	54.4	51.0	64.7	2.9	1.9	464	370	SE	1	5	10	—
27	29.60	29.81	55.9	52.7	46.1	60.9	5.4	2.8	308	325	W	4	10	8	—
28	29.89	29.96	57.7	55.7	45.3	63.7	2.3	1.9	409	390	W	2	10	6	—
29	29.97	29.97	60.7	53.9	51.7	64.0	4.7	1.4	387	376	W	3	5	5	—
30	29.99	29.95	57.2	51.4	46.8	61.7	5.3	1.6	323	69	SW	1	4	7	—
31	29.98	29.92	54.6	52.7	43.9	57.0	4.2	1.6	315	354	SE	1	8	7	—
Mean	29.854	29.861	58.5	56.1	50.0	64.8	3.5	2.4	389	383	78.7	84.4	1.7	7.8	1.964

DEERNES.—AUGUST 1902.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45' W. Lat. 58° 56' N. Gravity Correction, +.036 in.

1	29.90	29.72	51.3	51.0	45.0	55.4	2.3	0.8	319	353	84	94	SSW	2	S	3	10	9	0.04	Fine day.
2	29.50	29.47	52.3	50.0	49.7	56.0	0.3	0.2	384	356	98	99	S	3	SSE	1	10	10	—	Fine a. ☁ from 8p.
3	29.49	29.57	52.0	52.8	49.0	56.8	0.8	0.6	366	383	94	95	N	1	E	2	10	10	—	☁ most of day.
4	29.64	29.75	52.8	49.2	48.8	54.0	0.6	1.2	383	319	95	92	ESE	2	ESE	2	10	10	—	Overcast all day.
5	29.81	29.85	52.2	49.0	47.0	54.0	4.0	1.8	290	303	74	87	SW	3	NE	2	7	10	—	Fine day.
6	29.84	29.80	51.5	48.3	47.0	54.6	3.5	3.0	293	268	77	79	E	2	E	2	9	10	—	Fine, but cloudy.
7	29.74	29.74	48.8	46.0	45.2	53.8	2.7	1.3	280	280	81	91	NE	2	E	2	10	8	—	Fine day.
8	29.74	29.71	50.3	49.0	42.2	54.8	3.0	1.8	290	303	80	87	NE	1	NE	3	9	10	—	Fine day. ☁ showers from 7p.
9	29.80	29.78	52.0	46.7	45.0	54.6	3.4	1.7	301	279	88	88	N	3	N	3	9	10	—	☁ showers all day. Bitterly cold.
10	29.71	29.68	47.1	46.0	44.0	50.8	2.9	1.0	256	287	79	93	N	3	N	3	7	10	—	Bitterly cold all day.
11	29.68	29.71	47.2	47.2	44.8	52.4	2.2	2.1	273	275	85	86	NW	6	NNW	5	10	10	—	
12	29.81	29.83	48.3	46.8	45.2	51.0	3.8	3.4	251	243	74	77	N	4	N	2	10	10	—	
13	29.79	29.76	47.2	44.0	42.8	50.3	3.2	2.0	251	244	78	84	N	1	N	1	10	1	—	Fine, but cloudy.
14	29.75	29.76	51.2	49.0	42.3	53.0	4.1	1.0	276	322	74	93	E	1	SSE	2	7	10	—	Fine till 10p, then ☁.
15	29.68	29.68	53.8	50.0	48.2	54.6	0.3	0.0	407	361	98	100	W	4	E	3	10	10	—	☁ all day.
16	29.74	29.70	49.3	47.0	46.0	51.6	1.9	3.8	304	237	87	74	NNE	2	NE	1	10	9	—	Cloudy and cold.
17	29.60	29.53	48.4	46.3	43.8	51.0	4.5	1.3	238	283	70	91	Calm	0	NE	3	10	9	—	Fine day.
18	29.45	29.36	47.2	46.3	44.6	48.0	1.2	0.3	295	307	92	98	NE	5	NNE	6	10	10	—	Very cold. ☁ from 6p.
19	29.41	29.47	50.0	48.3	44.0	53.8	4.0	2.3	265	282	74	84	N	3	SSW	2	3	9	—	Very fine and sunny.
20	29.40	29.81	49.5	46.8	43.2	51.3	5.7	3.6	226	239	64	75	SSW	2	NNW	5	9	10	—	Cold and disagreeable. ☁.
21	29.74	29.51	52.3	54.2	46.0	56.4	0.8	0.2	371	415	95	99	S	4	S	5	2	9	—	Fine day. ((parhelion)).
22	29.47	29.45	58.0	52.0	51.2	60.2	2.2	1.0	415	361	86	93	SSW	2	SSW	2	8	10	—	Fine till 7p, then ☁.
23	29.42	29.48	55.0	53.0	50.0	60.5	1.8	0.8	381	380	88	94	SSW	3	W	2	1	9	—	Fine a. ☁ showers p. T ⊕ 4p.
24	29.61	29.66	53.7	50.3	47.2	58.0	2.8	1.1	337	336	81	92	W	3	SSW	1	5	9	—	Fine a. ☁ showers p.
25	29.68	29.68	55.0	53.0	49.2	60.0	2.0	1.4	375	363	87	90	SSW	3	S	3	3	1	—	Very fine.
26	29.72	29.76	54.8	51.0	50.2	56.8	1.1	0.7	399	356	93	95	S	2	SE	2	1	1	—	Very fine a. ☁ showers p.
27	29.69	29.59	54.2	52.5	49.0	55.8	1.0	0.5	391	381	93	96	SE	1	SSE	2	2	1	—	Very fine.
28	29.53	29.55	51.2	51.5	48.8	53.0	1.2	0.8	345	359	92	94	W	4	NW	4	10	10	—	☁ all day.
29	29.64	29.65	49.5	47.5	46.5	52.3	2.0	1.5	304	291	87	89	N	2	NNW	1	10	10	—	Overcast all day.
30	29.65	29.63	48.2	49.0	45.8	52.0	1.2	1.0	307	322	92	93	E	1	E	1	10	2	—	Fine day.
Mean	29.659	29.655	51.2	49.1	46.4	54.3	2.4	1.5	319	314	84.2	89.7	2.6	2.5	7.8	8.0	2.670			

DUNROBIN CASTLE.—AUGUST 1902.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56' W. Lat. 57° 59' N. Gravity Correction, +.034 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.					Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.			9 p.m.
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	30.08	29.86	54.0	54.0	47.0	63.5	3.0	3.2	.334	.329	80	79	SW	NW	—	—	.26 Fine a. ☉ showers p.	
2	29.65	.65	54.5	54.2	47.2	60.2	1.5	1.2	.381	.385	90	92	SW	W	—	—	.18 Dull, with ☉ showers.	
3	.65	.76	57.0	54.0	53.0	60.0	3.8	2.0	.356	.360	76	86	SW	NW	—	—	— Dull and mild.	
4	29.97	56.2	53.0	52.0	56.8		3.0	2.8	.367	.327	81	81	SE	E	—	—	— Dull day.	
5	.99	30.04	53.8	50.0	49.0	54.0	4.0	1.8	.308	.314	75	87	SE	N	—	—	— Dull p.	
6	.97	29.96	52.0	51.2	49.5	53.8	3.0	2.2	.310	.320	80	85	E	E	—	—	— Breezy and dry.	
7	29.90	.92	51.5	48.5	48.0	51.8	3.5	3.0	.293	.270	.77	80	E	NE	—	—	.02 ☉ showers p.	
8	30.01	.93	52.0	50.5	47.0	60.0	6.0	1.5	.216	.328	.64	89	NW	N	—	—	.04 ☉ showers p.	
9	30.01	.97	52.5	54.0	46.0	60.0	4.5	6.0	.282	.267	71	.64	NW	N	—	—	— Dull a. Fine p.	
10	29.94	.97	54.0	46.0	45.0	56.0	5.8	2.0	.271	.265	65	86	N	NW	—	—	—	
11	29.89	29.96	57.2	47.0	42.0	61.0	2.4	3.5	.397	.243	85	76	NW	NW	—	—	— Fine p.	
12	30.02	30.02	51.0	49.2	49.2	55.0	2.8	2.7	.304	.285	81	82	SE	N	—	—	— Cloudy a. Dull p.	
13	29.94	29.94	51.0	45.0	43.0	54.0	3.8	2.0	.281	.253	75	85	SE	N	—	—	— Fine and dry.	
14	.92	.91	53.0	51.5	47.0	54.2	4.0	1.5	.299	.341	74	89	S	W	—	—	— Fine day.	
15	.87	.88	58.0	56.0	51.2	63.0	3.0	1.0	.393	.419	81	93	S	W	—	—	.16 ☉ showers p.	
16	.86	.83	51.0	50.5	49.0	57.0	1.0	3.5	.348	.281	93	77	E	E	—	—	— ☁ (mist).	
17	.76	.64	50.5	52.0	49.5	53.5	3.5	3.8	.281	.281	77	75	SE	SE	—	—	.08 Cloudy, with cold wind.	
18	.59	.56	47.0	48.0	45.5	53.0	2.0	2.0	.275	.285	86	86	SE	E	—	—	.03 ☉ showers.	
19	.62	.61	55.2	48.2	45.5	58.0	6.2	3.2	.279	.261	.64	78	E	NW	—	—	— Fine and sunny.	
20	29.58	29.86	53.0	47.5	45.2	60.2	3.0	4.0	.322	.238	80	73	W	NW	—	—	—	
21	30.00	30.01	50.0	49.0	48.0	54.0	5.0	2.0	.245	.298	68	86	S	SE	—	—	— Dull p.	
22	29.86	29.69	56.0	58.0	50.2	66.0	3.0	1.5	.365	.436	81	99	SE	W	—	—	.30 Dull, with ☉ p.	
23	.63	.60	60.0	54.2	50.0	67.0	4.0	3.2	.395	.332	76	79	SW	W	—	—	—	
24	.58	.71	59.0	55.3	50.5	67.0	3.0	3.3	.407	.346	82	79	S	W	—	—	—	
25	.81	.86	56.0	52.2	51.0	61.0	4.8	3.2	.322	.308	71	79	W	N	—	—	— Fine day.	
26	.85	.84	59.2	54.5	50.0	63.2	3.2	3.5	.405	.329	81	77	SE	NE	—	—	— Fine day.	
27	.83	.88	55.0	54.2	50.2	63.0	3.0	1.2	.349	.385	81	92	E	E	—	—	— Fine day.	
28	.84	.75	54.2	54.0	51.2	57.0	2.2	1.0	.358	.388	85	93	SE	NW	—	—	.24 Fine day. Distant T☉ ² showers p.	
29	.73	.77	56.0	53.2	50.0	61.0	5.0	4.2	.317	.297	70	73	W	SE	—	—	— Fine day.	
30	.81	.83	54.2	52.0	50.2	56.0	2.2	3.8	.358	.292	85	75	SW	W	—	—	— Calm and dull. ∞° p.	
31	29.78	29.78	52.0	49.5	48.0	56.5	2.0	2.5	.335	.292	86	83	SE	SE	—	—	— Dull, with ∞°.	
Mean	29.830	29.838	54.1	51.5	48.4	58.6	3.5	2.7	.328	.315	78.1	82.2	—	—	—	—	1.31	

1	29° 97'	29° 81'	57° 8'	52° 1'	46° 4'	66° 8'	3° 3'	3° 0'	3° 83'	3° 12'	80	80	SW	1	W	2	5	10	'18	Cloudy day.	
2	'58	'49	54° 6'	55° 1'	50° 2'	66° 7'	0° 3'	0° 3'	'404	'369	95	85	SW	1	SW	2	10	10	'03	☉ till 8a. ☾ 3p.	
3	'51	'56	59° 2'	51° 6'	49° 1'	68° 0'	3° 9'	0° 3'	'386	'374	77	98	SW	1	SW	1	10	10	'24	☉ from 1p.	
4	'62	'71	58° 5'	51° 6'	50° 0'	59° 9'	2° 6'	1° 9'	'421	'333	83	87	SE	1	SE	1	10	10	'20	☉ showers till 4p.	
5	'81	'87	52° 4'	51° 4'	46° 2'	57° 5'	2° 7'	1° 2'	'324	'348	82	91	E	2	E	2	10	10	—	Dull day.	
6	'82	'75	52° 3'	50° 8'	47° 7'	59° 3'	3° 0'	1° 3'	'315	'339	80	91	E	2	E	4	10	10	—	Dull day.	
7	'62	'74	51° 8'	49° 0'	47° 4'	56° 9'	3° 6'	1° 3'	'395	'315	76	91	NE	4	NE	1	10	10	—	Dull day.	
8	'76	'74	54° 4'	49° 8'	44° 2'	59° 2'	4° 4'	1° 3'	'307	'325	72	91	SE	1	NW	1	5	10	—	Cloudy day.	
9	'85	'80	57° 3'	52° 7'	46° 2'	53° 3'	6° 8'	1° 4'	'392	'359	62	90	NW	4	W	1	5	10	'31	Dull from 3p. ☉ from 3p.	
10	'79	'79	52° 8'	46° 6'	44° 2'	58° 6'	5° 1'	3° 4'	'274	'241	69	76	NW	6	NW	6	7	7	'04	☉ n. ☉ showers 1p.-3p.	
11	'76	'76	55° 8'	50° 8'	41° 1'	60° 1'	6° 3'	2° 5'	'286	'309	64	83	NW	6	NW	2	5	7	'03	☉ showers 11a-4p.	
12	'84	'84	53° 7'	50° 3'	39° 7'	63° 5'	3° 5'	2° 3'	'319	'306	77	84	SE	1	SE	2	5	10	—	Cloudy day.	
13	'79	'76	52° 6'	51° 3'	47° 3'	57° 6'	2° 3'	1° 1'	'335	'249	84	92	SE	1	SE	1	10	10	—	Dull day.	
14	'77	'80	53° 8'	52° 6'	49° 1'	61° 9'	1° 3'	0° 3'	'378	'389	91	98	SE	1	SE	1	10	10	'02	Dull day. ☉ 7p.-8p.	
15	'78	'71	60° 6'	60° 1'	50° 3'	73° 2'	3° 5'	1° 6'	'418	'468	80	90	SW	1	SW	1	10	10	'05	Cloud and sunshine.	
16	'69	'69	55° 6'	50° 7'	49° 6'	61° 2'	0° 7'	0° 7'	'423	'352	95	95	E	2	E	2	10	10	'05	☉ n. ☉ till 5p.	
17	'63	'48	52° 6'	51° 6'	48° 3'	55° 4'	2° 2'	0° 1'	'337	'380	85	100	SE	1	SE	1	10	10	'23	Dull day. ☉ from 5p.	
18	'39	'32	55° 8'	52° 4'	50° 5'	63° 4'	1° 1'	0° 5'	'414	'379	93	96	NW	1	W	1	5	10	'81	☉ noon-7p. ☾ at times.	
19	'44	'51	50° 1'	49° 5'	48° 4'	53° 5'	0° 7'	0° 8'	'344	'333	95	94	SE	1	SE	1	10	10	'07	Dull, with ☉ showers.	
20	'48	'65	52° 0'	50° 3'	45° 9'	58° 1'	3° 1'	2° 3'	'353	'306	91	84	SW	1	NE	2	10	10	'20	☉ showers 2p.-6p. ▲ 3p. T	
21	'86	'91	54° 9'	48° 6'	38° 2'	61° 7'	4° 8'	1° 8'	'395	'299	71	88	SW	1	SE	1	5	10	'12	Cloudy day.	
22	'83	'64	52° 2'	57° 4'	45° 8'	62° 5'	0° 5'	0° 9'	'377	'445	97	95	SE	1	SW	2	10	10	'33	☉ n. ☉ showers during day.	
23	'56	'56	61° 1'	57° 2'	56° 0'	70° 1'	1° 3'	0° 5'	'495	'453	92	97	SW	1	SE	1	10	10	'07	☉ n. ☉ Cloud and sunshine.	
24	'54	'55	62° 1'	55° 9'	50° 9'	69° 1'	3° 7'	2° 1'	'438	'388	78	87	SW	2	SW	4	7	5	—	Cloud and sunshine.	
25	'70	'75	57° 7'	54° 3'	47° 9'	67° 4'	4° 2'	2° 8'	'358	'344	76	81	W	2	W	2	5	7	—	Cloud and sunshine.	
26	'79	'73	61° 9'	57° 5'	45° 2'	68° 7'	4° 1'	1° 2'	'423	'410	76	93	SW	2	SE	1	5	10	—	Cloud and sunshine.	
27	'73	'74	53° 6'	53° 6'	49° 2'	60° 4'	0° 5'	0° 4'	'398	'400	97	97	SE	2	SE	2	10	10	—	Dull day.	
28	'74	'63	57° 0'	53° 6'	49° 0'	67° 5'	2° 3'	2° 1'	'397	'353	85	86	W	1	SW	1	10	7	'09	Cloudy day.	
29	'64	'64	56° 2'	49° 5'	47° 3'	63° 7'	4° 7	2° 0'	'346	'304	72	87	NW	2	NW	1	5	5	—	Cloud and sunshine.	
30	'66	'68	52° 8'	52° 2'	39° 1'	58° 7'	2° 5'	1° 7'	'333	'345	83	89	SW	1	SE	1	10	10	—	Dull to 3p.	
31	29° 67'	29° 65'	58° 6'	50° 6'	48° 2'	60° 7'	4° 1'	0° 3'	'372	'361	76	98	SE	1	SE	1	5	10	'01	Cloudy day. ☉ 4p.	
Mean	29° 697	29° 686	55° 5'	52° 2'	47° 1'	62° 5'	3° 0'	1° 5'	'362	'351	81° 7	90° 1	1° 8	1° 7	8° 0	9° 3	3° 08				

1	29° 51'	29° 49'	56° 0'	49° 0'	45° 0'	63° 0'	4° 0'	2° 0'	340	298	75	86	SW	1	W	4	10	2	'052	☁ (mist) g a.	Fine and sunny.	
2	'48	'36	54° 0'	54° 0'	44° 0'	64° 0'	1° 0'	2° 0'	388	360	93	86	S	3	W	4	10	9	'066	☁ a.		
3	'46	'44	58° 0'	44° 0'	43° 0'	62° 0'	4° 0'	1° 0'	367	265	76	92	W	4	W	4	9	4	'125	☁ showers.		
4	'43	'50	56° 0'	51° 0'	42° 0'	62° 0'	3° 0'	0° 0'	365	374	81	100	NW	2	NW	1	9	10	—	—		
5	'61	'68	52° 0'	50° 0'	49° 0'	56° 0'	3° 0'	0° 0'	310	361	80	100	NW	1	Calm	0	10	10	—	—	Dull day.	
6	'61	'51	52° 0'	51° 0'	50° 0'	53° 0'	2° 0'	1° 0'	335	348	86	93	E	4	E	3	10	10	'375	☁ Dull day.	● p.	
7	'49	'54	53° 0'	49° 0'	48° 0'	55° 0'	2° 0'	1° 0'	347	322	86	93	NE	4	N	2	10	10	—	—	Dull day.	
8	'63	'63	55° 0'	47° 0'	43° 0'	56° 0'	5° 0'	2° 0'	302	275	70	86	N	3	SW	3	7	9	—	—	Fine and sunny.	
9	'68	'67	55° 0'	48° 0'	44° 0'	59° 0'	4° 0'	1° 0'	325	309	75	93	N	1	SW	1	8	10	'045	☁ Fine day.	● 0 n.	
10	'60	'62	54° 0'	42° 0'	39° 0'	57° 0'	6° 0'	1° 0'	267	245	64	92	NW	4	NW	3	5	1	'112	☁ ☁ showers.		
11	'60	'58	53° 0'	47° 0'	36° 0'	60° 0'	5° 0'	2° 0'	277	275	69	86	NW	3	NW	4	6	3	'085	☁ Fair a.	☁ showers p.	
12	'60	'68	51° 0'	47° 0'	40° 0'	59° 0'	3° 0'	1° 0'	299	298	80	93	NW	1	Calm	0	10	10	—	—	Fine and sunny.	
13	'65	'58	54° 0'	50° 0'	45° 0'	57° 0'	2° 0'	0° 0'	360	361	86	100	SE	2	SE	1	9	10	—	—	☁ (mist) a.	
14	'58	'63	55° 0'	50° 0'	48° 0'	59° 0'	3° 0'	1° 0'	349	334	81	93	SE	2	SE	2	10	8	—	—	☁ (mist).	
15	'60	'54	62° 0'	58° 0'	47° 0'	69° 0'	4° 0'	2° 0'	427	421	77	87	W	3	SW	2	9	10	—	—	Fine day.	
16	'48	'48	63° 0'	51° 0'	50° 0'	64° 0'	5° 0'	0° 0'	414	374	72	100	SE	1	E	2	4	10	'082	☁ Fine a.	☁ n.	
17	'43	'33	52° 0'	51° 0'	49° 0'	53° 0'	2° 0'	0° 0'	335	374	86	100	SE	4	SE	3	10	10	'195	☁ Dull day, with	●.	
18	'24	'13	65° 0'	58° 0'	50° 0'	68° 0'	5° 0'	1° 0'	447	451	73	93	S	2	SW	1	4	8	'180	☁ Very fine a.	K ² 2p.	
19	'26	'34	52° 0'	51° 0'	50° 0'	59° 0'	1° 0'	0° 0'	361	374	93	100	NE	3	SE	2	10	10	'098	☁ Dull day.	● p.	
20	'33	'47	53° 0'	48° 0'	48° 0'	62° 0'	2° 0'	2° 0'	347	285	86	86	SW	3	W	5	10	2	'418	K ☁ showers.		
21	'69	'78	53° 0'	46° 0'	45° 0'	56° 0'	5° 0'	2° 0'	277	265	69	86	NW	3	S	3	7	5	'012	☁ Fine day.		
22	'69	'58	58° 0'	57° 0'	46° 0'	68° 0'	1° 0'	1° 0'	451	434	93	93	S	2	S	3	9	10	'112	☁ ☁ showers.		
23	'42	'42	62° 0'	55° 0'	53° 0'	68° 0'	2° 0'	2° 0'	487	375	88	87	SW	3	SW	4	10	7	'018	☁ ☁ showers a.		
24	'40	'43	62° 0'	52° 0'	51° 0'	67° 0'	4° 0'	1° 0'	427	361	77	93	SW	3	W	3	5	1	—	—	Fine and sunny.	
25	'54	'62	57° 0'	52° 0'	47° 0'	66° 0'	5° 0'	1° 0'	327	361	70	93	NW	3	W	4	8	0	—	—	Fine and sunny.	
26	'66	'60	63° 0'	48° 0'	47° 0'	69° 0'	5° 0'	1° 0'	414	399	72	93	SW	3	SE	1	1	0	—	—	Fine and sunny.	
27	'53	'56	55° 0'	53° 0'	44° 0'	61° 0'	0° 0'	0° 0'	433	403	100	100	SE	2	S	1	10	10	—	—	☁ (mist) a.	Dull day.
28	'55	'48	61° 0'	53° 0'	45° 0'	69° 0'	4° 0'	1° 0'	410	374	77	93	W	2	W	1	1	1	—	—	☁ (mist) a.	Fine and sunny.
29	'48	'47	57° 0'	48° 0'	47° 0'	66° 0'	3° 0'	1° 0'	377	309	81	93	NW	3	Calm	0	10	4	—	—	Dull a.	Sunny p.
30	'45	'50	58° 0'	46° 0'	42° 0'	63° 0'	5° 0'	1° 0'	342	287	71	93	N	3	Calm	0	2	4	—	—	Very fine and sunny.	
31	29° 51'	29° 49'	50° 0'	47° 0'	43° 0'	58° 0'	1° 0'	1° 0'	334	298	93	93	SE	1	Calm	0	10	0	'005	☁ (mist) g a.	Fine p.	
Mean	29° 526	29° 526	56° 2	50° 1	45° 8	61° 5	3° 3	1° 0	363	338	80° 0	92° 8	2° 5		2° 2	7° 8	6° 4	1° 960				

SCARBOROUGH.—AUGUST 1902.

Height above Mean Sea Level, 62 feet. Heights above Ground:—Bar., 65 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 24' W. Lat. 54° 18' N. Gravity Correction, +.025 in.

Day.	Barometer at 32° Falt. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ing	Remarks.			
							Dep.of Wet.		Vapour Pressure.		Percentage.										
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.					
	ins.	ins.							in.	in.	%	%					ius.				
1	30°02	29°98	53°5	54°2	44°5	62°0	2°5	0	342	345	82	81	SW	4	SE	4	10	6	02	Fine at intervals. ☁	
2	29°82	65	53°8	55°5	46°0	61°5	2°3	0°7	351	419	84	95	SW	4	SW	4	10	6	04	Dull and dry.	
3	61	72	55°0	55°0	53°0	62°0	1°0	2°0	403	375	93	86	NW	4	N	4	10	6	28	Dull day.	
4	73	74	57°5	54°0	47°0	63°0	3°5	2°0	370	361	79	86	N	4	NE	5	6	8	04	Very dull.	
5	73	89	55°0	53°0	48°0	60°0	1°0	1°0	403	374	93	93	N	4	NE	5	10	8	02	Fine day.	
6	88	70	55°0	54°0	41°5	57°5	2°0	1°5	375	374	86	89	S	3	NE	5	10	6	26	Dull all day.	
7	72	74	53°0	54°0	45°0	57°5	1°0	1°5	374	374	93	89	E	4	NE	4	10	10	12	Dull all day.	
8	82	86	51°5	49°0	42°0	56°0	1°0	2°0	355	297	93	85	N	5	NNW	5	8	8	14	Dull a. and p. Fine mid-day.	
9	92	91	51°5	48°0	38°0	58°0	1°5	2°0	342	322	89	86	N	6	N	6	8	10	06	Fine a.	
10	76	84	52°8	51°0	47°0	56°5	2°3	3°0	338	298	84	79	NNW	6	N	4	6	6	01	Fine and clear.	
11	85	81	50°2	52°0	46°5	58°0	4°2	2°0	263	335	72	86	N	5	NW	3	4	6	04	Dull at intervals.	
12	86	91	51°0	48°0	44°5	56°5	2°0	1°0	322	309	86	92	N	4	N	4	10	6	01	Fine day.	
13	84	80	56°0	54°2	43°5	61°0	2°8	1°2	367	385	82	92	S	3	SE	3	6	10	32		
14	82	88	53°2	53°5	44°0	61°5	0°4	2°0	394	355	97	86	SE	3	SE	3	10	6	—	Fine ; dull late in day.	
15	87	77	54°5	60°5	47°0	68°0	2°0	1°5	367	477	86	90	W	3	SW	3	6	8	—	Fine at intervals.	
16	72	68	60°2	55°0	53°2	68°0	3°4	1°0	415	493	80	93	W	2	SW	3	6	10	—	Fine at intervals.	
17	69	57	56°0	54°2	47°0	59°0	2°7	0°4	370	409	82	97	SW	3	S	3	10	8	1-06	☁ all day.	
18	53	41	58°5	61°5	51°0	69°2	2°3	2°0	419	479	85	88	SW	4	S	3	6	8	20	Dull at intervals.	
19	45	58	55°0	53°5	58°0	61°5	1°0	0°7	403	389	93	95	NE	4	SW	2	10	10	11	Dull at intervals.	
20	61	29°72	56°0	53°5	46°5	62°2	3°8	2°0	343	355	76	86	W	3	NW	2	6	8	35	☁ 2p.	
21	29°94	30°03	51°5	49°0	47°5	57°0	2°5	1°0	321	322	84	92	N	2	W	3	10	4	02	Dull day.	
22	30°01	29°88	60°0	61°5	45°0	68°2	2°3	2°0	437	479	84	88	SW	4	SW	3	6	10	20	Fine a., then dull.	
23	29°76	68	58°0	60°0	51°5	70°0	0°5	2°0	465	453	96	88	SW	3	W	2	10	4	02	Dull, with ☁.	
24	67	69	60°5	56°5	58°0	69°0	3°0	2°5	431	382	82	83	NW	1	N	1	8	10	—	Dull day.	
25	82	83	60°0	57°0	50°0	68°0	3°5	3°0	410	377	79	81	NE	2	NE	2	8	8	—	Fine day.	
26	93	83	56°5	57°5	48°0	67°5	2°5	1°7	382	422	84	88	SW	3	SE	3	6	3	—	Very fine.	
27	78	80	57°2	53°0	48°0	62°0	1°2	1°0	431	374	92	93	SE	3	SE	3	10	6	—	Fine, but dull.	
28	82	72	57°2	58°0	46°0	69°0	2°7	2°5	389	406	83	84	SW	4	S	3	6	10	04	☁	
29	71	68	57°5	57°5	51°0	64°5	1°7	2°0	422	413	88	87	SW	4	NE	3	10	4	—	Dull, with ☁.	
30	65	70	55°5	49°0	46°5	63°5	2°0	1°0	382	322	87	92	N	3	N	4	4	4	—	Dull a. Fine p.	
31	29°76	29°76	56°8	55°2	42°5	58°5	2°0	2°4	403	367	87	84	SE	1	SE	2	10	10	02	Dull day.	
Mean	29°777	29°766	55°5	54°5	47°3	62°5	2°1	1°7	380	379	85°8	88°2	3°5	3°4	8°1	7°3	3°38				

CRONKBOURNE.—AUGUST 1902.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29' W. Lat. 54° 10' N. Gravity Correction, +.024 in.

1	30°03	29°56	57°0	53°0	42°0	60°4	4°2	1°8	'346	'352	74	87	WNW ₄	Calm	o	6	10	'251	Cloudy day.	● n.
2	29°72	'63	57°4	53°2	49°9	62°0	1°9	0°2	'415	'402	88	99	WSW ₃	WNW ₂	9	10	'128	Cloudy day.	● showers p.	
3	'66	'69	56°2	48°2	48°2	59°7	2°4	1°7	'383	'295	85	89	NW ₃	NW ₃	8	3	'062	Cloudy day.	● showers p.	
4	'70	'73	55°1	44°0	38°4	61°2	3°6	0°6	'336	'274	77	95	WNW ₂	N	1	9	2	—	Cloudy day.	h ² p.
5	'80	'79	58°2	56°4	42°2	62°0	3°7	2°4	'377	'385	78	85	SE	ENE	3	3	8	'143	Fine day.	—
6	'67	'59	52°0	56°0	52°0	57°8	0°0	2°1	'388	'388	100	86	ESE	ESE	5-6	5-6	10	'910	Squally	● ●
7	'62	'69	53°0	54°4	53°0	56°0	0°5	1°4	'389	'393	97	91	E	E	3	10	10	'062	● a.	● showers in afternoon.
8	'79	'92	55°6	54°0	51°0	63°8	3°8	2°0	'339	'360	77	86	ENE	WNW ₃	3-4	9	10	'015	Cloudy a.	Fine afternoon.
9	'98	98	54°6	52°0	51°2	61°0	1°8	0°8	'375	'366	89	94	WNW ₄	NW	2	10	10	'124	Cloudy, with	● showers.
10	'91	'91	53°8	49°4	48°5	59°6	4°2	2°7	'304	'287	74	82	NNW	NNW	5	6	6	'002	Fine day.	Fresh breeze.
11	'92	'88	53°4	53°0	46°0	57°0	2°7	0°9	'335	'377	82	94	NW	WNW ₃	4-5	6	10	'010	Dull day.	● 5:30p.
12	'89	'91	60°8	52°4	50°0	63°5	5°8	1°1	'360	'363	68	92	WNW ₂	WNW ₁	4	10	'282	Fine day.	● n.	
13	'78	'77	52°0	57°0	52°0	62°0	0°0	2°2	'388	'459	100	99	E	W	2	2	10	9	—	Dull day.
14	'79	'83	65°2	52°4	52°4	67°2	3°9	0°8	'485	'371	79	94	NNW	NNW	1	3	1	—	Fine day.	h ² p.
15	'83	'79	60°2	56°0	46°2	66°0	2°4	0°5	'444	'434	86	97	ESE	SSW	2	7	10	—	Fine day.	h ² p.
16	'70	'57	61°4	59°0	55°1	63°5	1°9	1°6	'481	'448	89	90	ESE	NE	3	8	7	'047	Fine day.	h ² p.
17	'58	'47	54°4	56°8	54°2	59°0	0°2	0°0	'418	'462	88	100	E	SSE	2	10	10	'663	Overcast, with	h ² p.
18	'43	'37	58°2	58°0	54°9	60°5	0°0	0°0	'486	'482	100	100	S	WSW	2	10	10	'158	h ² a. and p.	h ² p.
19	'50	'63	54°5	50°0	50°0	59°8	2°4	1°3	'357	'327	84	91	NNW ₄	WNW ₁	9	8	'022	Fine day.	—	
20	'62	'80	58°4	49°8	45°2	62°8	3°8	3°3	'378	'278	77	79	WNW ₄	NW	4	7	2	—	Fine day.	—
21	'94	'97	56°2	54°3	45°0	58°7	6°4	1°3	'289	'384	63	91	WNW ₂	ESE	1	7	10	'027	Fine day.	● showers n.
22	'90	'77	58°4	57°8	54°0	62°8	0°5	0°3	'473	'479	97	98	SW	SW	5	10	10	'542	Dull day.	● ² after 4p.
23	'66	'65	60°3	57°0	56°0	65°6	0°8	0°4	'497	'453	95	97	W	SW	2	9	9	—	Fine day.	—
24	'65	'72	59°6	54°0	50°4	63°7	4°7	0°9	'371	'391	73	94	WSW ₃	WNW ₂	4	7	—	—	Fine day.	—
25	'82	'85	60°3	53°0	49°0	64°0	4°8	1°2	'379	'369	73	92	W	NE	2	1	1	—	Fine day.	—
26	'87	'74	58°0	46°4	45°4	63°3	1°6	0°6	'433	'301	89	96	SW	NE	1	10	4	'002	Fine day.	h ²
27	'78	'75	60°2	49°2	46°0	65°7	2°8	0°9	'432	'327	83	94	SE	NW	2	7	3	—	Fine day.	—
28	'76	'70	61°0	47°0	42°5	65°0	3°0	1°2	'439	'293	82	92	SE	N	1	6	3	—	Fine day.	—
29	'71	'69	56°8	51°8	45°3	65°5	3°6	1°8	'359	'338	77	87	NNW	NW	2	9	0	—	Fine day.	—
30	'65	'65	63°7	50°8	46°2	66°4	6°7	0°9	'379	'349	64	93	NNW	NE	1	1	4	—	Fine day.	—
31	29°66	29°68	56°4	51°7	44°5	60°7	2°1	0°5	'393	'371	87	96	ESE	SE	1	10	0	—	Dull day.	h ²
Mean	29°749	29°744	57°5	52°8	48°6	62°1	2°8	1°1	'394	'372	83°4	92°3	3°0	2°2	7°4	6°7	3°450			

STONYHURST.—AUGUST 1902.

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

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.		
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
1	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%	Calm	WSW	10	0	ins.	Fine and sunny.
2	29° 82	29° 74	54° 3	49° 5	46° 9	61° 3	3° 3	3° 1	331	279	78	79	SbyW	swbyW	10	10	° 060	● showers. Sunny intervals.
3	54	51	53° 0	55° 7	44° 8	60° 0	2° 0	1° 9	347	390	86	88	WSW	WSW	10	10	° 170	● showers.
4	41	45	54° 8	51° 7	51° 3	57° 7	2° 8	2° 7	351	314	82	82	WSW	Calm	0	9	0	— Fine and sunny.
5	47	50	57° 2	49° 0	42° 3	60° 7	6° 2	2° 7	302	283	64	81	NE	NE	1	8	9	° 210 (mist) a.
6	57	61	59° 1	54° 3	41° 8	62° 9	5° 8	3° 3	336	331	68	78	N	NE	2	8	9	° 455 (mist) a.
7	49	39	51° 3	54° 0	50° 7	55° 9	1° 3	2° 4	344	350	91	84	NE	NbyE	1	10	10	° 120 Dull day, with ●.
8	38	45	53° 6	51° 0	51° 0	55° 6	1° 9	1° 6	358	333	87	89	NEbyN	W	1	10	9	° 100 Gloomy day.
9	52	67	53° 0	52° 7	48° 2	56° 7	4° 3	2° 7	392	326	73	82	W	WSW	1	9	4	° 265 Sunny a. ● p.
10	72	73	57° 0	52° 1	47° 8	58° 9	6° 0	2° 6	304	322	65	82	W	WbyN	2	5	1	— Fine and sunny.
11	60	63	56° 0	50° 0	50° 0	57° 4	4° 2	3° 3	261	73	73	73	W	WSW	2	8	10	° 060 ● showers. Sunny intervals.
12	67	64	53° 8	51° 0	39° 3	57° 6	5° 8	1° 6	269	333	65	89	W	Calm	0	6	9	° 007 Fine and sunny.
13	64	67	57° 0	51° 1	45° 5	62° 7	6° 0	2° 1	304	322	65	85	SW	Calm	0	10	10	— (mist) a. Dull day.
14	59	54	56° 3	57° 7	49° 8	61° 9	2° 5	1° 7	379	425	83	89	Calm	Calm	0	10	10	— (mist) a. Dull day.
15	56	63	58° 0	55° 4	55° 1	63° 7	2° 5	2° 4	407	371	84	85	Calm	Calm	0	10	4	— (mist) a. Sunny day.
16	64	57	57° 0	55° 7	50° 8	65° 7	3° 0	2° 2	377	382	81	86	S	NE	2	10	10	— Fine and sunny.
17	49	39	60° 7	58° 0	50° 9	68° 2	2° 4	3° 0	443	393	80	81	ENE	N	1	10	10	° 770 ● all day.
18	38	30	54° 3	54° 0	52° 3	60° 2	3° 6	1° 4	349	377	82	90	SSE	SW	1	10	10	° 485 (mist) a. Sunny intervals p.
19	28	17	61° 0	61° 0	53° 8	66° 3	2° 7	3° 4	448	427	84	80	swbyW	Calm	0	10	4	° 185 ● showers.
20	24	40	57° 3	47° 3	47° 3	61° 0	2° 5	2° 5	396	268	84	83	W	W	1	10	3	° 060 ● showers 8a-10a.
21	38	55	53° 4	51° 4	46° 1	59° 6	1° 4	3° 4	368	295	90	78	W	Calm	0	9	8	— Fine day.
22	70	78	55° 0	49° 6	44° 5	57° 6	2° 6	2° 6	260	291	60	82	W	Calm	0	10	10	° 290 (mist) a. ● showers.
23	74	64	60° 2	58° 1	48° 6	65° 2	4° 2	1° 8	393	429	75	88	SbyW	SbyE	1	10	290	° 130 ● showers.
24	47	47	59° 3	56° 5	56° 0	63° 7	1° 8	2° 5	448	384	89	84	SSW	Calm	0	10	5	° 005 Fine and sunny.
25	44	49	60° 0	54° 0	52° 5	62° 7	2° 0	2° 0	453	360	88	86	swbyW	Calm	0	8	4	— Fine and sunny.
26	59	68	58° 0	51° 0	50° 5	62° 2	4° 3	2° 0	372	323	75	86	W	Calm	0	8	2	— Fine and sunny.
27	68	55	57° 0	50° 0	47° 2	65° 7	3° 0	3° 6	377	350	81	77	Calm	Calm	0	8	4	— Fine and sunny.
28	49	54	56° 1	55° 3	52° 8	61° 1	2° 6	3° 3	377	346	83	79	Calm	Calm	0	10	190	° 190 K 2p-3p.
29	56	49	53° 4	55° 2	48° 7	65° 9	1° 4	1° 7	368	387	90	89	NE	Calm	0	10	7	° 020 (mist) a. then sunny. T p.
30	47	42	60° 0	57° 0	47° 8	67° 5	3° 0	3° 6	423	361	82	77	NE	NbyE	1	9	10	— (mist) a. Sunny day.
31	39	47	59° 0	55° 0	51° 0	64° 8	6° 0	5° 0	312	302	62	70	Calm	ESE	1	5	9	— (mist) a. Fine and sunny.
31	29° 45	29° 47	56° 3	54° 0	50° 5	60° 9	4° 3	2° 0	336	360	73	86	E	Calm	0	9	10	— Fine and sunny.
Mean	29° 527	29° 533	56° 6	53° 7	48° 9	61° 7	3° 6	2° 6	359	344	78° 2	82° 8	1° 4	0° 7	9° 1	7° 2	3° 850	

HILLINGTON.—AUGUST 1902.

Height above Mean Sea Level, 88 feet. Heights above Ground:—Bar, 4 feet. Therms., 4 feet. Rain-gauge, 3 feet 6 inches.
Long. 0° 33' E. Lat. 52° 48' N. Gravity Correction, +.021 in.

1	30°08	30°02	58°1	49°9	41°2	64°5	5°9	1°7	322	316	66	88	SE	1	E	1	6	10	—	Pleasant day. \odot a and p.
2	29°88	29°75	55°9	57°6	42°0	65°4	2°2	2°0	357	345	80	87	SW	2	SW	2	10	10	°01	Sunshine and cloud.
3	°69	°74	61°0	55°1	53°1	64°4	5°0	2°3	382	369	71	85	W	4	W	1	7	10	°02	Cloudy day. \odot a and sp.
4	°74	°72	59°0	54°1	48°9	68°7	6°4	1°4	322	378	64	90	W	2	Calm	0	1	0	—	°2 showers Ga. Sun and cloud.
5	°72	°62	55°0	52°5	43°2	68°5	3°2	1°7	344	349	79	88	E	1	Calm	0	6	4	°11	Fine and sunny.
6	°78	°57	56°1	58°2	49°6	59°0	1°2	0°6	445	467	92	96	E	3	Calm	0	10	6	1°58	°2 7a and most of day. \mathbb{K} sp.
7	°63	°72	59°3	58°0	58°0	69°5	0°7	0°5	482	465	95	96	SW	2	NE	1	10	10	°32	Cloudy. \odot 3°30p.
8	°73	°92	52°0	46°7	48°5	66°4	0°3	2°0	379	394	98	85	NE	3	NE	2	10	2	°23	\odot till 2p. Sunless day.
9	°98	°99	52°2	55°0	38°9	64°1	1°9	2°2	340	370	87	85	SW	4	NW	1	8	10	°03	∞ . \odot 5p and 10p.
10	°84	°88	54°9	46°1	43°3	62°4	1°8	0°4	378	327	88	97	NW	3	NW	2	10	10	°15	°2 showers. \mathbb{K} 2°9p.
11	°91	°90	52°5	52°8	45°1	62°0	3°8	3°0	295	321	75	80	NW	3	NW	3	5	10	°08	Very fine. \odot showers 7p. and 9p.
12	°89	°96	54°8	46°7	46°3	61°9	3°0	0°4	346	308	80	97	NW	2	Calm	0	7	7	—	Beautiful day. \odot
13	°88	°84	55°5	52°0	43°0	68°5	2°6	1°3	366	353	83	91	Calm	0	Calm	0	6	10	—	Very fine. \odot p.
14	°80	°91	60°0	53°7	49°3	65°7	2°4	2°0	439	337	85	86	Calm	0	ENE	1	9	9	—	Cloudy day. \odot ∞
15	°93	°84	58°8	58°0	42°0	67°9	4°1	1°3	374	441	75	91	SW	1	Calm	0	0	0	—	\odot 2 a. Beautiful day. \odot p.
16	°75	°64	63°0	58°2	53°1	74°5	2°3	1°5	494	437	85	89	SW	1	NE	2	6	10	—	\approx (mist) a. Fine and warm.
17	°64	°60	58°0	59°6	56°0	63°3	2°3	0°0	412	511	85	100	ESE	2	S	1	10	10	°08	Very dull. \mathbb{K} 9p.
18	°63	°53	63°0	61°5	53°9	65°4	2°4	1°0	492	511	85	94	SW	3	SW	1	10	10	°03	Cloudy, with \odot showers.
19	°52	°64	64°0	58°1	53°2	70°5	3°5	0°6	475	465	79	96	W	4	Calm	0	10	5	°04	noon. \mathbb{T} 3p.
20	°71	29°80	56°2	54°2	43°9	67°1	2°6	2°5	375	351	83	83	W	3	W	1	7	0	°01	Very fine. \mathbb{T} 10°3p.
21	29°96	30°08	55°2	50°9	44°0	63°4	3°5	1°2	339	342	78	92	WNW	3	W	1	7	6	—	Very fine. Much cir. \odot p.
22	30°11	29°98	60°0	59°3	41°6	71°6	5°3	0°7	361	482	69	95	SW	2	SW	2	8	1	°03	Sunny day. Much cir. 6p. \odot 2 p.
23	29°88	°79	58°6	60°2	55°1	66°5	1°7	1°1	439	383	89	93	SW	2	Calm	0	10	10	°06	\odot showers. Damp and dreary.
24	°72	°72	61°4	54°8	54°6	71°5	2°8	1°0	453	400	83	93	WSW	1	Calm	0	10	3	°07	°2 showers sp. \odot p.
25	°83	°94	59°1	51°0	44°2	68°5	3°2	0°4	416	364	81	97	Calm	0	Calm	0	4	0	—	\odot 2 a. Very fine. \odot p.
26	°95	°86	58°9	55°8	41°7	69°6	2°2	1°1	428	413	86	92	Calm	0	Calm	0	0	10	—	\odot 2. Very fine.
27	°75	°84	62°0	52°0	48°9	67°6	4°4	1°8	399	313	74	88	SE	2	Calm	0	1	2	—	Perfect harvest day. \odot a and p.
28	°88	°79	60°3	62°0	43°1	71°4	2°6	3°5	439	441	84	79	SSW	1	SSW	1	7	10	°02	\odot . Fine a. \odot 3p. \mathbb{T} 1p. \angle 9p.
29	°73	°65	67°6	58°9	56°2	79°2	7°0	1°0	434	465	65	93	Calm	0	NE	2	10	9	—	Cloudy day.
30	°60	°74	58°9	53°8	53°8	62°6	3°3	1°0	397	385	80	93	NE	4	Calm	0	10	10	°01	Cloudy with \nearrow .
31	29°77	29°71	54°9	56°1	52°0	60°4	1°4	0°4	389	437	90	97	ESE	1	Calm	0	10	10	01	Unpleasant day.
Mean	29°804	29°806	58°3	55°0	48°2	66°9	3°1	1°3	396	398	81°1	90°8	1°9		0°8	7°3	6°9	2°89		

CHURCHSTOKE.—AUGUST 1902.

Height above Mean Sea Level, 538 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5' W. Lat. 52° 31' N. Gravity Correction, +018 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.				
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.			9 a.m.	9 p.m.		
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.								
1	ins.	ins.	56.1	48.7	41.8	62.9	3.9	0.9	343	321	75	93	N	1	NW	1	10	2	ins.	Cool, with ∞.
2	29.41	29.56	53.9	55.6	41.8	64.8	3.3	2.6	328	367	78	83	SW	3	WSW	2	10	10	0.10	Cloudy and cool a. Bright p.
3	29.20	29.28	56.6	54.1	51.0	58.4	4.8	2.3	327	355	71	84	W	1	NW	1	10	9	—	Cloudy, with cool breeze.
4	29.26	29.30	57.7	47.2	46.8	66.1	3.0	1.3	388	294	82	90	SW	1	W	1	8	0	—	Passing clouds.
5	29.35	29.33	57.4	59.8	38.0	67.3	5.0	3.4	333	409	71	80	NE	1	SSE	2	1	10	320	☉ ² a. Bright day. ∞☉ p
6	29.25	29.13	58.8	57.8	55.3	70.8	1.1	1.6	461	430	92	89	SE	1	SE	1	10	10	270	Squally, with ☉ ² .
7	29.14	29.21	60.0	56.1	55.8	64.9	0.3	0.5	507	434	98	96	SE	2	SE	2	10	10	990	☉ ² . Cloudy and mild.
8	29.28	29.51	49.7	45.1	44.8	57.3	0.9	0.6	307	286	87	95	E	1	N	1	1	10	020	Low clouds. ∞
9	29.57	29.57	58.0	53.2	41.1	62.8	4.2	1.4	361	366	75	90	WSW	2	W	2	8	8	010	Cool breeze.
10	29.47	29.48	55.6	46.9	46.8	58.9	3.3	2.2	351	270	79	84	W	2	W	2	8	6	064	Squally.
11	29.51	29.49	52.7	50.6	41.2	58.4	4.4	2.0	287	317	72	86	NW	3	W	2	9	10	344	Cloudy and breezy.
12	29.45	29.49	53.9	48.7	48.7	65.2	0.9	0.9	389	321	93	93	NW	1	W	1	9	8	110	☉ ² n. Warm and damp.
13	29.39	29.35	54.7	55.2	48.7	67.2	0.9	0.6	401	418	93	96	SE	1	W	1	10	9	—	Cloudy, damp, and warm.
14	29.34	29.43	63.8	51.5	51.0	71.7	5.1	0.7	424	362	71	95	SW	1	W	1	8	0	074	☉ ⁰ (mist).
15	29.43	29.38	57.6	53.1	50.8	68.9	1.5	0.5	428	389	89	96	E	2	E	1	10	1	—	☉☉ (mist).
16	29.26	29.14	66.0	61.8	46.8	71.9	6.9	3.1	410	449	64	81	SE	1	SE	3	9	10	330	☉☉ (mist).
17	29.15	29.15	56.3	55.3	55.2	64.7	0.5	1.5	437	394	96	89	E	1	SW	2	10	9	420	Gloomy day. ☉ ² in evening.
18	29.09	29.03	60.4	58.3	53.7	69.1	2.4	1.2	447	449	85	92	SW	1	SW	2	10	8	260	Steady ☉☉.
19	29.09	29.24	59.8	45.6	45.6	65.1	3.5	1.1	406	279	79	91	WNW	1	NW	1	9	8	—	Cloudy day.
20	29.25	29.40	57.3	52.0	43.8	64.3	4.6	0.2	342	382	73	99	W	4	W	1	10	8	032	Cloudy, with ☉.
21	29.45	29.59	58.2	47.2	46.6	64.9	2.4	1.2	412	296	85	91	NW	2	W	1	8	6	—	Bright and hot.
22	29.57	29.47	59.8	58.6	45.1	70.2	2.3	2.0	439	430	85	87	SE	4	SW	2	10	10	100	Cloudy and breezy.
23	29.31	29.28	60.1	51.3	50.8	67.9	2.4	0.5	443	365	85	96	SW	4	W	1	10	8	130	Stormy, with ☉.
24	29.25	29.32	62.8	51.5	50.3	67.9	3.7	1.7	447	336	78	88	W	2	W	1	9	5	—	Bright day.
25	29.36	29.49	52.3	42.8	42.6	65.8	1.7	1.3	346	246	88	89	W	1	W	1	8	0	—	Fine and bright.
26	29.46	29.33	60.8	57.0	39.8	68.1	6.0	3.2	356	371	66	80	ESE	2	SE	1	0	10	—	Bright day. ∞
27	29.27	29.32	61.8	48.7	45.0	68.1	7.5	0.9	333	321	60	93	SE	2	SE	1	6	0	—	Bright and breezy.
28	29.32	29.31	59.8	56.3	43.2	64.9	4.5	0.7	378	433	73	95	NE	1	SW	1	10	8	—	☉.
29	29.25	29.21	59.4	52.6	52.2	65.3	2.5	0.8	428	374	84	94	SW	1	SSE	1	10	10	020	Low clouds.
30	29.21	29.24	53.7	53.7	51.8	57.3	1.3	2.4	375	346	91	83	N	1	E	2	10	10	045	☉ ⁰ (mist).
31	29.21	29.24	53.3	56.7	51.8	59.1	0.5	0.9	393	433	96	93	E	2	E	1	10	10	005	☉ ⁰ (mist).
Mean	29.327	29.341	57.7	52.7	47.4	65.2	3.1	1.4	388	363	81.1	90.0	1.7	1.4	8.7	6.9	3.6	14		

CAMBRIDGE—AUGUST 1902.

Height above Mean Sea Level, 83 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 9½ inches.
Long. 0° 6' E. Lat. 52° 13' N. Gravity Correction, +019 in.

1	30°11	30°05	59°4	53°6	45°1	68°2	6°4	2°6	326	339	64	82	E	1	E	2	3	0	—	Fine and sunny.
2	29°93	29°78	58°3	57°2	44°3	68°4	4°6	1°2	356	431	73	92	SW	1	SW	3	10	10	°030	Fine day. ☉ p. r.p.
3	75	78	60°2	56°9	52°8	68°8	4°8	3°7	377	357	72	77	NW	3	W	1	10	10	—	Heavy cum. clouds drifting.
4	78	78	58°9	54°2	52°1	64°1	2°6	1°2	417	385	84	92	WSW	2	SW	1	10	4	°110	☉ showers all day.
5	85	91	60°0	57°4	45°4	72°4	3°3	2°3	415	403	80	86	NE	1	ESE	1	10	10	°404	☉ till 11a. ☉ 4p. ☉ n.
6	77	64	60°1	60°8	54°8	67°2	0°7	0°7	496	510	95	96	SE	1	S	1	10	0	°514	☉ showers all day.
7	65	69	62°1	61°0	53°2	71°0	1°2	1°0	516	503	92	94	SW	3	SW	1	10	10	°133	☉ showers all day.
8	29°71	29°95	57°3	50°6	49°9	62°2	0°7	1°2	449	338	95	92	NW	2	NW	1	10	0	°086	☉ a. r.p.
9	30°03	30°04	55°1	56°1	42°3	64°4	2°8	2°8	356	372	82	82	W	3	W	2	10	10	—	☉.
10	29°91	29°91	58°2	53°0	50°3	66°6	4°2	1°7	364	355	75	88	W	3	NW	1	10	10	°030	☉ showers a. < n.
11	95	96	55°0	53°4	43°8	64°1	5°9	3°6	282	313	66	77	NW	1	W	3	5	10	°022	☉.
12	92	97	56°7	51°9	48°1	66°2	3°3	1°7	365	341	79	88	NW	1	SE	1	10	3	—	Fine and sunny.
13	92	85	56°6	59°1	45°8	68°1	3°5	1°9	360	441	78	88	SW	1	SW	1	10	10	—	Heavy cum. clouds at night.
14	83	91	63°1	57°3	56°1	72°1	3°0	1°3	476	430	82	91	NW	1	NW	1	10	10	—	Fine day.
15	94	87	62°1	60°8	53°0	70°9	2°9	1°6	461	480	82	90	NW	1	Calm	0	10	10	—	☉.
16	78	63	66°1	63°1	52°8	76°4	4°1	3°5	495	461	77	79	SSW	1	E	1	0	10	—	☉ a. Sunny day.
17	66	65	61°2	60°7	57°0	70°3	2°1	0°7	470	507	88	96	E	2	SSW	2	10	10	°090	☉ showers p. < n.
18	69	56	65°0	62°2	53°8	65°7	3°4	0°9	497	528	81	95	SSW	4	SSW	3	10	10	°240	☉ at intervals all day.
19	58	68	65°3	59°0	58°1	73°3	4°3	1°7	474	445	76	90	SW	5	SW	1	7	10	°070	☉ showers. ☉ at intervals.
20	29°75	29°86	58°0	57°7	44°4	68°1	3°1	3°8	390	368	81	77	SW	2	W	1	7	3	—	Drifting cum. Sunny day.
21	30°00	30°10	59°3	52°2	51°0	65°2	7°0	2°9	312	316	62	81	NW	3	NW	1	5	0	—	☉ a. Fine and sunny.
22	30°13	30°02	62°9	59°8	44°0	74°0	6°0	2°8	386	426	65	83	SW	2	SW	1	10	0	°027	☉ a. Sunny day.
23	29°91	29°82	59°0	62°4	55°7	69°6	1°0	2°0	467	495	94	88	SbyW	1	SSW	1	10	10	°249	☉ showers all day.
24	74	77	60°6	59°0	57°3	72°0	1°7	3°0	474	407	89	82	W	1	NW	1	10	10	°015	☉ showers.
25	89	95	61°6	55°2	50°4	69°3	3°9	2°4	423	368	78	85	NW	2	NW	1	1	0	—	Fine and sunny.
26	97	87	58°0	56°7	44°5	70°1	2°6	1°6	404	412	83	90	N	1	E	1	0	10	°012	☉ (mist) n.
27	79	84	56°8	54°5	47°4	69°8	0°7	1°7	441	376	95	89	Calm	0	SE	1	10	3	—	☉ a. Fine and sunny.
28	89	82	61°3	62°1	48°2	70°8	1°1	2°8	505	464	93	83	SE	1	SE	2	0	10	—	☉ a.
29	74	63	69°3	61°2	55°5	81°2	6°3	2°1	483	470	67	88	S	1	N	1	0	10	—	☉ a. Fine and sunny.
30	60	77	62°0	55°6	54°2	66°3	5°8	1°6	377	396	68	89	N	5	N	1	10	10	°123	☉ a. ☉ n.
31	29°74	29°75	59°6	58°9	53°9	62°3	0°7	0°9	489	468	95	95	Calm	0	Calm	0	10	10	°127	☉ 11a-4p. ☉ (mist) n.
Mean	29°836	29°832	60°3	57°5	50°5	69°0	3°3	2°0	423	416	80°5	87°3	1°8		1°3	7°7	6°9	2°282		

ST. DAVID'S, PEMBROKE.—AUGUST 1902.

Height above Mean Sea Level, 215 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 16' W. Lat. 51° 53' N. Gravity Correction, +018 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.	
							Dep. of Wet.		Vapour Pressure.	Percentage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.		
1	29.97	29.93	57.7	51.5	48.6	61.7	4.2	1.0	358	354	75	93	NNW 4	NNW 2	0	0	Bright, clear, and sunny.
2	79	67	53.5	56.5	50.3	61.8	1.0	0.8	382	433	93	95	WSW 3	W 4	9	10	Brief sunny intervals.
3	69	67	56.4	56.5	54.1	60.6	1.2	0.1	419	453	92	99	WSW 4	W 2	10	9	Overcast and gloomy.
4	63	64	57.8	53.5	52.7	62.2	1.1	1.4	446	370	93	90	NNW 2	NW 1	10	9	☉ a. r.p. ☉ Sunny intervals.
5	66	64	59.5	57.5	51.6	64.5	3.2	1.5	470	427	81	90	NE 3	SSE 1	0	10	☉ Clear and sunny. ☉ from r.p.
6	45	43	60.7	58.9	57.2	64.3	0.0	1.5	531	449	100	91	S 4	S 3	10	10	☉ till 8 a. ☉ in evening.
7	43	50	59.5	58.3	55.1	63.8	1.1	0.0	473	487	93	100	SW 3	SW 3	10	10	☉ showers a. and p.
8	29.61	82	56.5	56.2	49.8	63.6	1.2	1.1	421	419	92	93	NNE 4	NNW 4	10	0	Sunny intervals.
9	30.00	99	58.5	56.5	56.0	61.2	2.1	1.0	426	427	86	94	NW 3	W 4	6	9	Fine and sunny.
10	29.92	88	53.4	53.4	50.8	61.3	0.9	0.9	383	383	94	94	NW 5	NW 2	8	6	Fine and sunny.
11	95	88	52.8	55.0	51.9	61.0	1.9	0.7	348	412	87	95	NNW 4	W 3	9	10	Brief sunny intervals.
12	82	88	58.5	55.3	54.7	62.4	1.1	0.8	455	474	93	95	NW 4	NW 2	5	6	☉ Sunny day.
13	75	71	59.2	58.4	52.7	62.1	1.0	0.1	471	486	94	100	W 2	W 3	10	8	☉ ☉ ☉ showers a.
14	72	72	62.2	54.0	53.2	65.4	1.8	0.5	497	403	89	97	NNW 2	NW 2	8	0	Fine, clear, and sunny.
15	77	73	58.8	58.8	51.1	63.9	1.5	0.5	448	480	91	97	SE 2	SW 1	5	10	Bright and sunny.
16	59	46	61.9	61.0	57.3	68.8	2.3	0.7	477	513	87	96	E 2	ENE 1	7	6	Bright and sunny.
17	46	50	62.8	60.4	56.4	65.8	1.0	0.0	534	526	93	100	SSW 2	SNE 4	7	9	Sunny intervals.
18	40	37	62.0	55.0	54.4	64.6	1.0	1.6	524	386	94	89	SSW 2	SW 4	10	9	☉ ☉ ☉ a. and p.
19	45	60	57.5	55.5	52.7	63.8	0.5	0.5	450	426	97	96	WNW 2	WNW 4	8	5	Sunny day.
20	66	77	59.0	56.3	51.2	65.9	2.0	1.2	445	418	88	92	W 6	W 3	7	5	Sunny intervals.
21	86	94	59.5	52.3	52.1	65.7	1.7	0.9	454	368	90	94	WNW 2	SW 2	10	9	Fine and sunny.
22	91	78	62.5	54.8	51.3	65.4	2.2	0.9	490	405	87	94	S 5	S 5	5	10	Sunny till 4 p., then ☉.
23	67	66	60.5	54.9	52.3	65.1	0.0	1.5	528	388	100	91	SW 4	SW 2	10	5	☉ ☉ ☉ till 10 a.
24	65	70	59.3	52.9	51.8	65.0	2.6	0.7	423	381	84	95	WNW 2	WNW 3	3	0	☉ a. Bright and sunny.
25	82	85	58.6	54.5	52.0	65.6	1.9	0.0	434	426	88	100	NW 3	Calm 0	3	0	Bright and sunny.
26	80	68	61.5	57.4	52.2	66.5	3.0	0.0	449	472	82	100	S 4	Calm 0	6	0	Sunny day.
27	59	61	60.5	55.4	51.0	66.4	3.1	0.9	428	443	81	95	SSE 3	SE 1	7	1	Sunny from 10 a.
28	66	65	62.2	56.5	49.4	67.1	3.5	0.7	444	436	80	96	ESE 2	Calm 0	5	9	Sunny and sultry.
29	61	52	58.8	56.5	53.4	64.9	1.5	1.0	448	427	91	94	NNE 3	NNW 6	8	0	Sunny intervals.
30	56	55	57.5	54.7	53.2	61.1	2.9	0.3	389	419	82	98	NNE 5	WNW 2	9	10	Sunny day. ☉ from 11 p.
31	29.51	29.55	56.6	51.3	51.0	61.3	1.0	1.1	430	349	94	92	ENE 3	Calm 0	10	10	☉ till 2 a. and 6 p. - 8 p.
Mean	29.688	29.686	58.9	55.8	52.6	64.0	1.7	0.8	446	424	89.4	95.0	3.2	2.4	7.3	6.3	1.098

SOUTHAMPTON.—AUGUST 1902.

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24' W. Lat. 50° 55' N. Gravity Correction, +0.16 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ing	Remarks.		
							Dep.of Wet.													
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.	
1	ins.	ins.	58.5	56.8	53.1	65.2	3.2	3.7	3.94	3.57	80	77	E	4	SE	3	10	10	ins.	Dull and cloudy.
2	29.99	29.86	59.6	58.9	48.7	70.2	4.2	2.0	3.84	4.35	75	87	W	3	SW	4	10	10	—	Fine day.
3	84	85	62.8	59.6	55.2	67.1	5.8	4.2	3.89	3.81	68	75	W	4	SW	3.5	10	10	—	Fine day.
4	81	80	64.1	58.5	56.2	67.7	5.1	1.8	4.30	4.35	72	88	SW	3.5	SW	3	10	10	1.40	☉ noon.
5	85	88	63.7	61.1	55.2	69.2	4.5	1.6	4.41	4.86	74	90	S	3	SE	2	9	10	2.20	Beautiful a. ☉ from 8p.
6	76	69	62.4	59.1	59.2	65.2	0.6	0.9	5.43	4.80	97	95	SSW	4	SW	3	10	0	1.90	☉ n. and till 3p.
7	67	76	61.5	60.9	58.5	69.7	1.5	1.8	4.95	4.74	91	90	SW	4.5	SW	4	10	10	0.18	☉ n. and a. Bright p.
8	29.77	29.97	63.7	54.1	53.9	70.3	4.1	1.7	4.54	3.70	76	88	WSW	3	N	3	9	5	0.35	☉ a. and p. ☉ noon and 3p.
9	30.12	30.11	58.2	57.7	48.8	66.4	3.7	2.6	3.77	4.00	78	84	NW	3	NW	3	10	5	—	☉ a.
10	02	29.97	61.5	55.6	53.0	68.1	5.6	4.9	3.75	3.14	69	71	NW	4.5	NW	3	10	1	—	Fine and bright.
11	30.02	30.02	60.7	55.4	46.3	65.4	7.4	2.3	3.21	3.74	60	86	NW	4	NW	4	5	8	0.20	Fine and bright.
12	29.96	30.00	56.1	56.2	53.4	65.7	1.2	1.6	4.15	4.05	91	90	NW	2	NNW	3	10	1	1.25	☉ till 11a. ☉ p.
13	95	29.87	59.1	60.1	47.6	65.9	2.5	0.8	4.23	4.93	85	95	WSW	3	SW	2.5	10	10	0.70	☉ a. ☉ 1p.-7p. ☉ p.
14	86	89	66.4	62.4	56.1	69.0	2.9	1.1	5.41	5.95	84	94	NW	3	SW	2.5	8	10	2.65	☉ n. ☉ a. and p. ☉ p.
15	94	90	60.5	58.4	55.9	72.6	1.0	1.3	4.94	4.48	94	92	SW	3	SW	3	10	3	—	☉ n. ☉ a. and p. ☉ p.
16	77	57	70.4	66.4	53.9	75.8	6.8	3.5	4.90	5.21	66	81	E	3	SE	3	10	3	—	☉ n. ☉ a. and p. ☉ p.
17	65	74	63.0	61.0	59.7	71.8	1.2	1.2	5.33	4.96	93	93	SW	3	SW	4	5	10	0.50	☉ n. ☉ a. and p. ☉ p.
18	70	59	60.8	61.8	59.5	64.3	0.5	0.4	5.17	5.38	97	97	SW	4.5	SW	3.5	10	10	0.45	Sunny day. ☉ p. [p.-midt.]
19	66	73	64.7	59.0	58.7	72.3	2.3	1.9	5.28	4.39	86	89	SW	4	WNW	3	10	1	1.20	☉ most of day.
20	29.82	29.93	56.9	59.5	49.4	69.5	1.3	1.9	4.24	4.47	92	89	NW	3	NW	3.5	10	5	—	Sunny day. ☉ p.
21	30.03	30.11	64.8	59.1	53.3	73.7	3.6	3.2	4.88	4.03	80	80	NW	3.5	NW	3	5	1	—	Beautiful day.
22	30.15	30.08	65.7	58.9	48.8	72.6	7.4	2.5	3.91	4.20	63	84	SW	3	SW	3	5	5	0.10	☉ a. ☉ p. ☉ p.
23	29.95	29.86	62.0	60.2	58.4	65.1	2.4	0.8	4.75	4.95	86	95	SW	4	SW	3	10	10	0.30	☉ a. ☉ p. ☉ p.
24	79	83	61.7	59.0	58.8	70.5	1.5	2.9	4.99	4.10	91	83	NW	3	NW	3	10	5	0.15	☉ n. ☉ p.
25	95	98	64.9	58.0	49.9	72.6	4.6	2.8	4.57	3.99	75	82	NW	3	NW	3	1	0	—	☉ a. and p. ☉ p.
26	96	85	65.6	58.7	50.4	71.3	5.8	1.8	4.31	4.38	70	88	SE	3	SE	3	5	3	—	☉ a. and p. ☉ p.
27	79	83	64.8	59.0	50.1	72.3	4.9	1.9	4.48	4.39	74	89	SE	3	SW	3.5	3	0	—	☉ a. and p. ☉ p.
28	84	80	61.5	63.2	55.1	75.1	2.0	3.9	4.80	4.50	88	78	E	3	SE	3	10	7	—	☉ a. and p. ☉ p.
29	71	76	71.8	65.7	60.9	79.4	7.0	5.0	5.11	4.60	66	73	E	3	NE	3.5	8	5	—	☉ a. and p. ☉ p.
30	61	76	63.5	59.0	58.7	69.5	4.0	2.3	4.53	4.27	77	86	NE	4	NE	3	8	8	3.90	☉ a. and p. ☉ p.
31	29.70	29.76	61.7	60.9	55.3	65.4	0.6	1.1	5.39	4.97	97	94	SW	4	SW	3.5	10	3	1.30	☉ a. and p. ☉ p.
Mean	29.862	29.859	62.7	59.5	54.3	69.6	3.5	2.2	4.56	4.41	80.5	86.5	3.4	3.2	8.4	5.8	3.333	1	—	☉ a. and p. ☉ p.

PLYMOUTH.—AUGUST 1902.

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 0 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 4° 8' W. Lat. 50° 22' N. Gravity Correction, +0.15 in.

1	30°04	30°04	56°8	53°2	52°9	64°1	1°9	2°1	4°05	3°47	87	86	Caln	0	N	1	10	0	0°1	☉ showers a.
2	29°96	29°88	61°1	57°0	46°4	64°0	5°1	1°1	3°82	4°31	71	92	W	3	W	3	4	7	0°8	Sunny a. ☉ showers p.
3	84	84	62°9	58°8	55°1	67°2	5°6	1°8	3°96	4°39	69	89	W	4	W	2	7	10	0°1	Fine, sunny, and warm.
4	78	75	60°2	56°9	55°9	64°3	2°3	1°2	4°47	4°27	86	93	W	3	SE	1	8	9	0°1	Dull day. ☉ p.
5	78	78	60°9	58°5	53°8	64°0	3°8	0°4	4°14	4°76	78	97	SE	1	SE	3	10	10	0°38	Cloudy day. ☉ n.
6	63	59	60°7	59°9	58°0	62°9	0°4	0°5	5°12	4°99	98	97	SW	4	SW	4	9	10	0°16	☉ showers.
7	62	73	62°0	59°0	58°0	63°9	2°3	1°0	4°78	4°67	86	94	WSW	3	WSW	3	6	4	—	Bright intervals.
8	29°73	29°97	62°2	56°0	55°6	68°8	1°7	2°8	5°01	3°70	90	82	WSW	1	NE	2	9	4	—	Fine all day.
9	30°11	30°13	57°9	56°3	47°9	64°2	4°2	3°4	3°61	3°59	75	78	N	2	NW	2	8	3	—	Fine all day.
10	04	00	60°3	57°8	52°8	63°5	5°3	2°6	3°66	4°01	70	83	NW	2	NW	2	6	9	—	Unsettled.
11	30°04	30°05	53°3	54°8	51°0	60°6	4°9	4°6	2°83	3°09	69	72	N	4	NW	2	9	9	0°8	Fine all day.
12	29°92	29°99	61°0	56°1	53°9	66°9	1°0	1°2	5°03	4°15	94	91	NNW	2	NNW	2	10	3	—	Fine and sunny.
13	91	87	62°1	59°0	53°7	64°8	2°1	2°1	4°86	4°33	87	87	WSW	1	NW	1	10	9	—	Dull day.
14	83	88	66°3	59°2	58°5	71°4	4°0	0°7	5°02	4°81	78	96	NW	2	N	1	8	0	—	Dull, then clear and sunny.
15	88	86	59°1	59°0	52°4	65°1	1°4	1°4	4°57	4°55	91	92	Caln	0	Caln	0	10	9	—	Sunny day.
16	65	57	67°0	60°2	53°9	70°6	6°0	0°8	4°53	4°95	68	95	E	5	Caln	0	7	10	—	Sunny a. ☉ p.
17	61	70	65°4	61°1	58°9	68°3	2°8	0°9	5°24	5°08	84	94	SSE	4	SW	6	8	9	0°25	Squally ☉ showers.
18	59	55	62°0	60°3	59°5	62°6	0°7	0°5	5°31	5°06	96	97	SW	6	Caln	0	10	9	0°24	☉ till evening.
19	59	74	62°3	57°0	56°9	68°8	0°7	1°9	5°38	4°08	96	88	WSW	4	N	4	9	0	—	Fine and sunny.
20	82	29°92	60°3	59°1	50°7	65°9	6°3	2°3	3°41	4°29	65	86	NW	6	WNW	5	8	8	0°1	Fine and sunny.
21	29°99	30°07	61°1	61°8	52°2	68°6	2°2	1°7	4°66	4°93	86	90	W	5	Caln	0	8	7	—	Fine and sunny.
22	30°08	30°01	62°5	60°1	59°9	67°0	1°8	0°8	5°03	4°93	89	95	SW	5	S	6	9	9	0°3	Fine and sunny.
23	29°88	29°79	60°8	61°5	59°0	61°7	0°5	0°2	5°17	5°39	97	99	SSW	6	Caln	0	10	10	0°24	☉ all day.
24	78	85	63°6	56°8	56°6	67°5	2°6	2°2	4°98	3°97	85	86	W	3	Caln	0	6	0	—	Fine and sunny.
25	92	96	62°5	55°6	52°3	66°6	5°4	2°7	3°96	3°67	70	82	N	5	Caln	0	4	0	—	Fine and sunny.
26	91	81	61°3	55°0	45°3	65°3	5°4	1°9	3°78	3°78	70	88	Caln	0	Caln	0	0	0	—	Fine and sunny all day.
27	72	74	64°0	57°6	46°0	67°8	5°8	2°1	4°09	4°13	68	86	SSE	5	E	5	3	2	—	Fine and sunny.
28	72	73	64°8	61°8	53°9	69°7	4°9	2°3	4°48	4°76	74	86	E	6	E	4	7	10	0°06	Sunny day. ☉ showers in evening.
29	63	58	71°8	63°0	59°5	77°2	6°0	2°2	5°43	5°00	69	87	Caln	0	N	6	1	3	—	Sunny and warm. ☉ n.
30	61	70	62°4	57°6	57°2	67°9	3°6	0°8	4°45	4°51	79	95	N	5	Caln	0	4	10	0°24	Sunny day. ☉ in evening.
31	29°61	29°70	60°9	61°0	55°1	64°2	0°6	0°4	5°10	5°23	95	98	SW	6	SW	2	10	9	0°02	☉ showers.
Mean	29°813	29°830	61°9	58°4	54°3	66°3	3°3	1°6	4°52	4°41	81°3	89°7	3°3		2°2	7°4	6°2	1°87		

ARMAGH.—AUGUST 1902.

Height above Mean Sea Level, 196 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 39' W. Lat. 54° 21' N. Gravity Correction, +0.25 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.	
							Dep. of Wet.												
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.
ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.			
1	29.98	29.85	55.3	54.4	45.0	60.0	5.0	3.6	.397	.326	70	77	Calm	0	SW	1	10	10	Overcast all day.
2	63	59	58.4	53.8	49.8	64.8	3.0	1.2	.399	.380	81	91	WSW	1	SW	0.5	8	9	0.020
3	61	65	54.8	47.3	47.3	62.0	1.7	4.0	.381	.236	89	73	WNW	0.5	Calm	0	10	0	0.018
4	64	67	51.1	51.6	44.0	62.0	1.6	1.6	.335	.340	89	89	SW	0.5	Calm	0	10	2	—
5	73	71	54.6	52.0	45.5	64.1	2.0	2.4	.370	.325	87	84	ENE	0.5	E	0.5	3	0	0.075
6	56	50	52.0	53.6	50.5	54.9	0.6	1.0	.372	.383	96	93	ENE	2	E	2	10	10	0.040
7	54	65	53.2	53.6	52.0	56.7	1.5	1.8	.363	.361	90	88	NE	2	NE	1	10	10	—
8	76	90	54.4	54.1	45.0	62.2	3.0	2.1	.340	.359	80	85	N	0.5	W	0.5	10	10	—
9	95	93	57.6	54.4	51.9	61.8	3.0	1.5	.388	.381	82	90	NW	0.5	WSW	0.5	10	10	0.010
10	90	92	55.4	46.6	46.6	61.0	4.2	2.7	.327	.256	74	81	N	1	NNW	0.5	7	0	0.007
11	91	82	55.6	53.6	41.4	57.0	2.1	11.2	.383	.176	86	43	W	0.5	Calm	0	10	10	0.065
12	85	82	60.3	57.0	51.4	61.0	3.0	2.4	.428	.394	82	85	NW	0.5	NNW	0.5	8	10	1.70
13	71	70	58.6	58.4	56.0	68.5	0.0	1.8	.493	.433	100	89	WSW	0.5	Calm	0	10	9	0.53
14	73	76	59.5	58.0	54.0	65.4	1.9	0.9	.418	.454	89	94	WSW	0.5	SSE	0.5	10	10	0.033
15	74	67	60.6	57.6	50.6	67.1	2.4	3.0	.451	.388	85	82	S	0.5	S	0.5	10	9	—
16	61	51	62.2	56.4	56.0	67.5	2.6	3.0	.472	.369	85	81	Calm	0	SE	0.5	10	7	—
17	46	37	56.0	57.0	55.2	61.0	1.0	0.2	.419	.459	93	99	E	1	SW	1	10	10	0.785
18	25	32	56.6	57.3	53.5	67.0	0.8	1.6	.435	.421	95	89	S	2	N	0.5	10	10	0.215
19	48	55	55.3	52.5	48.9	62.2	4.5	2.6	.318	.327	72	82	NW	1	WSW	1	8	9	—
20	58	77	59.2	52.0	51.0	63.8	4.6	2.4	.368	.325	73	84	NW	1	NNW	0.5	7	10	—
21	87	82	55.2	58.4	43.2	61.8	4.0	2.0	.315	.427	72	87	W	0.5	S	2	8	10	0.060
22	73	55	62.6	57.6	57.2	67.5	2.0	1.0	.499	.445	88	93	SSW	3	SSW	3	10	10	0.139
23	57	55	53.8	57.8	55.2	69.2	3.0	2.2	.405	.412	82	96	SW	3	SW	2	8	9	0.008
24	57	67	59.6	54.1	50.9	66.2	4.0	4.4	.389	.302	77	73	SW	2	WSW	0.5	9	10	0.073
25	75	79	56.8	56.0	47.8	68.0	3.2	3.2	.370	.360	80	80	SW	2	NW	1	7	2	0.008
26	76	61	58.6	53.6	48.9	66.0	3.2	2.3	.396	.347	80	84	SSW	2	S	2	4	3	0.050
27	58	66	59.0	55.6	48.0	65.3	5.2	2.0	.349	.386	70	87	SSE	2	SSE	1	7	10	0.007
28	68	62	61.5	55.6	48.8	68.7	5.1	4.4	.388	.325	71	73	SSW	1	Calm	0	2	10	0.216
29	67	67	59.0	48.2	48.2	61.3	3.4	1.6	.396	.297	80	89	N	0.5	Calm	0	7	0	—
30	61	58	55.8	49.2	39.1	62.9	4.2	4.8	.333	.241	75	68	NE	0.5	Calm	0	0	2	—
31	29.57	29.57	55.8	53.3	39.0	68.0	2.7	1.7	.370	.359	83	88	S	0.5	SE	0.5	8	3	0.003
Mean	29.675	29.669	57.2	54.2	49.1	63.8	2.9	2.6	.387	.355	82.5	83.5	1.1	0.8	8.1	7.2	2.218		

DUBLIN (PHENIX PARK).—AUGUST 1902.

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

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.		
							Dep.of Wet.		Vapour Pressure.		Percentage.									
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.							9 a.m.	9 p.m.						
1	ins.	ins.	54.6	52.2	45.1	61.1	5.5	1.1	28.5	36.1	68	93	Calm	o	Calm	o	8	8	ins.	Cloudy day.
2	29.73	29.69	58.7	54.4	50.7	64.6	3.1	2.1	40.1	36.4	81	86	WSW	1	W	1	5	5	.040	Cloudy day. ☁ showers.
3	70	70	56.2	52.9	51.7	61.3	3.1	3.1	36.5	32.0	81	80	W	1	Calm	o	8	4	—	Cloudy day.
4	70	72	54.6	51.3	38.2	67.8	6.0	2.0	27.6	32.7	65	86	Calm	o	Calm	o	2	6	—	Bright a. Cloudy p.
5	77	74	58.3	48.9	38.4	61.0	5.7	0.9	32.9	32.3	67	94	Calm	o	Calm	o	4	3	.455	Fine day.
6	52	49	56.0	57.2	45.7	60.8	0.2	0.4	44.3	45.6	99	98	E	1	Calm	o	10	10	.825	☁ 3a.-7a. ☁ 9a. Overcast day.
7	53	66	55.5	54.3	53.7	57.6	0.4	1.4	42.8	38.2	96	90	E	1	NE	1	10	10	.020	Overcast day. ☁ 10p.
8	29.80	29.98	55.7	53.0	50.5	61.3	3.8	2.6	34.1	33.2	76	82	NNE	1	Calm	o	6	6	—	Fine day.
9	30.03	30.03	57.7	55.3	51.8	62.0	4.0	2.5	36.3	36.7	76	84	W	1	Calm	o	8	8	—	Cloudy day.
10	29.96	29.98	55.1	49.5	48.9	60.7	3.1	3.4	34.8	27.2	80	77	NW	1	Calm	o	8	3	—	Fine day.
11	30.00	30.00	51.5	55.0	40.9	56.4	3.0	0.7	30.5	41.2	80	95	W	1	Calm	o	8	10	.145	Cloudy a. Dull p. ☁ 0 p.
12	29.91	29.89	58.1	57.7	52.9	63.3	3.6	1.6	37.9	42.8	78	90	Calm	o	Calm	o	8	7	.030	☁ till 5.30a. Cloudy day.
13	78	76	61.7	59.8	56.0	65.9	1.7	1.1	49.2	47.9	90	93	Calm	o	Calm	o	8	8	.055	Cloudy day. ☁ showers.
14	78	81	59.8	57.3	51.9	64.8	2.4	0.8	43.8	44.6	85	95	Calm	o	Calm	o	8	7	—	Cloudy day.
15	80	74	61.2	56.9	53.5	64.9	3.1	1.5	44.0	41.8	82	91	Calm	o	Calm	o	4	4	—	Cloudy day.
16	65	55	61.7	56.1	51.9	65.1	3.0	0.5	45.3	43.6	82	96	Calm	o	Calm	o	8	8	.125	Fine day. ☁ 11p. ☐ p.
17	49	47	60.6	55.1	54.8	63.2	1.0	0.3	49.6	42.6	94	98	Calm	o	Calm	o	10	6	.335	☁ till 6.30a. ☐ 11a. ☁ 11a.-6.30p.
18	35	38	65.4	60.0	54.8	70.2	4.1	2.2	48.2	44.7	78	87	SW	2	Calm	o	5	8	.065	Fine day. Occasional ☁ showers.
19	55	63	54.9	49.5	48.9	62.6	4.8	1.1	30.5	32.5	71	92	WNW	1	Calm	o	5	4	—	Fine day.
20	66	83	57.7	55.0	46.1	64.8	3.7	5.7	37.0	33.2	77	77	W	1	Calm	o	6	8	—	Fine day. (7p.
21	95	92	57.2	60.4	49.1	64.8	4.2	2.5	34.9	44.5	74	85	Calm	o	SSW	1	4	7	.010	Fine day.
22	84	68	64.0	61.3	57.8	66.9	4.2	2.8	45.5	45.1	76	83	SSW	3	SW	3	7	9	.030	☁ till 2a., 1p.-3p., and 6.30p.-10p. [p.
23	67	66	59.7	57.1	56.8	68.7	2.4	1.9	43.6	41.0	86	87	W	1	Calm	o	7	1	.098	Bright; cloudy intervals. ☁ 2 showers
24	67	75	58.5	54.2	51.1	65.4	2.6	0.9	41.1	39.4	83	94	WSW	1	Calm	o	6	6	.063	Bright; cloudy intervals. ☁ 6p.-7p.
25	87	87	58.4	53.4	47.2	65.3	3.6	0.5	38.3	39.4	76	96	W	1	Calm	o	4	2	—	Fine day.
26	84	72	60.3	53.3	44.0	64.8	3.1	2.4	42.5	34.1	81	83	Calm	o	Calm	o	7	1	.020	Cloudy, with ☁ showers.
27	64	73	61.7	48.6	42.4	64.4	5.8	0.2	37.3	33.7	68	99	Calm	o	Calm	o	6	1	—	Fine day. ☁ 9p.-midnight.
28	75	71	60.3	51.6	38.2	64.8	4.8	0.2	37.9	37.7	73	99	Calm	o	Calm	o	2	3	—	☁ till 5a. Bright; cloudy intervals.
29	73	72	56.3	45.1	43.4	63.2	2.2	0.1	39.0	29.8	86	99	N	1	Calm	o	9	0	—	Dull a. Bright, with cloudy inter-
30	68	64	55.1	44.2	35.2	59.9	4.7	0.3	31.0	28.4	71	98	Calm	o	Calm	o	2	2	—	Beautiful day. vals p.]
31	29.62	29.63	57.5	56.0	43.3	64.3	1.3	0.5	43.3	43.4	91	97	Calm	o	Calm	o	8	4	—	Cloudy day.
Mean	29.742	29.740	58.2	54.1	48.2	63.6	3.4	1.5	39.0	38.1	79.8	90.5	o 6		o 2		6.5	5.5	2.371	

BIRR CASTLE.—AUGUST 1902.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar., —2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 inches.
Long. 7° 55' W. Lat. 53° 6' N. Gravity Correction, +.021 in.

1	30°05	29°95	53°7	53°7	40°7	61°2	2°5	2°8	343	337	83	81	W	1	SE	2	4	9	070	☁ showers a.
2	29°76	29°71	59°2	55°6	52°0	63°2	3°6	2°7	394	367	79	82	W	3	SW	2	7	9	—	Fine and sunny.
3	71	69	56°7	54°8	52°8	61°6	3°8	3°2	354	343	76	80	W	3	NNW	1	10	10	—	Dull day.
4	68	68	56°2	53°4	46°0	65°1	6°2	2°4	293	342	64	84	NNW	1	Caln	0	1	0	—	Fine and sunny.
5	73	67	61°3	53°6	42°3	67°2	6°6	2°0	318	355	65	86	ENE	1	E	1	3	5	874	Sunny day.
6	42	42	58°7	59°7	51°6	65°8	1°2	1°1	456	477	93	94	SE	2	SW	2	9	10	530	☁ ² showers.
7	50	29°62	57°7	54°7	52°7	61°0	1°1	1°3	444	391	93	92	SE	2	NW	4	10	10	—	Gloomy day.
8	81	30°00	55°2	53°2	47°4	62°2	3°3	2°3	345	343	79	84	NW	3	W	1	5	3	—	Fine and sunny.
9	98	97	59°7	54°7	50°5	61°8	5°3	2°6	357	355	69	83	W	3	NW	2	7	10	014	Cloudy day.
10	97	30°00	57°7	49°8	49°1	61°9	3°5	2°9	376	287	78	81	W	3	NNW	1	9	9	—	Cloudy day.
11	99	29°97	53°3	56°2	42°8	60°1	3°9	1°7	305	402	74	89	SW	1	SW	1	8	9	030	Cloudy day. ☁ ⁰ showers.
12	86	89	59°0	58°2	55°1	62°9	2°5	1°0	422	454	85	93	N	1	NW	1	9	10	060	Cloudy day.
13	80	78	59°2	59°0	56°8	64°9	0°7	1°3	481	458	96	92	W	2	NW	1	10	8	052	Cloudy day.
14	78	72	59°7	60°7	56°0	68°0	2°7	2°1	427	462	81	88	W	1	Caln	0	7	7	—	Fine day.
15	77	71	61°7	58°5	52°1	68°2	3°7	1°6	431	441	78	89	SW	1	SE	1	4	3	—	Fine day.
16	62	47	62°7	58°1	54°5	67°8	3°0	2°4	469	412	82	84	E	1	W	1	7	9	126	Cloudy day.
17	45	44	61°3	57°7	55°8	65°9	1°9	1°1	479	444	88	93	SE	1	W	1	10	3	340	Cloudy day. ☁ showers.
18	32	40	64°9	56°7	53°1	65°1	4°5	2°0	460	401	75	87	SW	3	W	1	4	3	031	☁ showers. Sunny day.
19	55	64	55°7	51°7	47°7	62°3	3°8	3°0	341	308	76	80	N	2	NNW	2	4	4	110	Sunny day.
20	67	83	59°1	53°2	47°9	64°9	3°9	1°4	384	366	76	91	W	2	W	1	6	7	—	Sunny day.
21	90	87	60°4	60°7	50°5	61°5	4°7	2°8	383	441	73	83	SSE	2	SE	2	3	10	010	Fine day.
22	77	62	65°2	60°7	58°5	65°2	4°8	1°1	456	494	74	94	E	4	SE	3	6	10	156	☁ showers.
23	65	63	61°9	58°2	55°1	68°4	3°4	0°0	447	486	81	100	W	3	SW	2	3	7	—	Sunny day.
24	65	75	59°9	52°7	49°9	64°3	3°0	1°4	422	359	82	92	SW	2	SW	1	3	3	045	Sunny day. ☁ showers.
25	83	85	59°4	52°7	46°7	67°0	3°4	1°4	402	339	80	90	SE	2	SE	1	4	2	—	Fine and sunny.
26	79	65	59°2	53°9	46°3	61°6	2°4	2°0	428	359	86	87	SE	1	SE	2	3	3	—	Fine and sunny.
27	57	68	62°0	51°6	49°1	64°9	4°6	1°8	410	335	74	88	NE	3	NNE	1	4	2	—	Fine and sunny.
28	72	69	55°0	55°3	40°8	67°8	2°1	1°4	372	397	86	90	SW	1	SE	1	9	6	—	Fine and sunny.
29	71	68	57°2	50°7	47°4	63°8	3°7	2°3	362	312	77	85	W	3	SW	1	6	0	—	Fine and sunny.
30	66	64	54°2	55°6	37°0	63°6	4°0	2°9	313	362	74	81	NE	1	NE	1	3	9	—	Fine and sunny.
31	29°59	29°58	58°7	57°2	46°5	68°0	4°8	3°0	357	381	72	81	NW	1	E	1	3	5	—	Fine and sunny.
Mean	29°717	29°718	58°9	55°6	49°5	64°4	3°5	2°0	396	388	79°1	87°2	1°9	1°4	5°8	6°3	2°448			

DEERNES.—SEPTEMBER 1902.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45' W. Lat. 58° 56' N. Gravity Correction, +.036 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.		
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29.64	29.53	52.8	53.1	47.3	55.7	0.6	0.1	.383	.401	95	99	SSE 2	SSE 5	9	10	.025	∞ all day.
2	39	29.43	57.0	51.0	51.4	59.8	0.9	0.6	.437	.400	94	96	SSW 4	S 2	3	10	.054	☉ 4a.-5a. Sunny day.
3	29.21	28.81	54.0	52.0	51.3	56.8	0.0	0.4	.418	.377	100	97	ESE 4	SW 3	10	9	.430	☉ a. ☉ 10p.
4	28.99	29.44	53.0	49.9	48.3	53.7	0.8	1.0	.380	.333	94	93	W 5	NW 7	10	10	.10	☉ showers.
5	29.66	.73	48.6	50.1	47.1	53.7	0.6	1.5	.397	.323	96	89	NW 5	S 3	9	9	.02	☉ before 10a., then fine.
6	.73	.86	55.9	51.1	49.7	59.7	1.3	1.0	.410	.390	92	93	S 1	SSE 1	8	10	.02	☉ shower 8p.
7	.95	.99	53.3	50.3	49.2	55.6	1.1	0.2	.376	.359	92	99	Caln 0	SW 1	10	10	—	☉ at times.
8	.98	29.94	56.3	54.9	47.2	60.0	2.7	1.8	.377	.379	83	89	SW 2	W 4	8	10	—	Fine day.
9	29.96	30.04	53.3	44.3	43.3	56.4	3.5	1.7	.314	.254	77	87	NNW 3	NNE 3	3	4	—	Fine, dry, and bracing.
10	30.07	30.02	46.3	43.6	42.8	49.9	4.0	4.0	.224	.203	72	71	NE 3	Caln 0	8	10	—	Fine, dry, and bracing.
11	29.88	29.65	47.0	47.6	39.9	50.4	4.8	0.9	.218	.208	68	94	NW 1	W 3	3	10	.23	Fine day. ☉ 1p. ☉ 9p.
12	.54	.72	44.8	43.2	40.9	48.5	2.3	5.5	.246	.175	83	62	NNE 5	N 6	9	10	.07	☉ a. and p.
13	.68	.46	46.6	47.2	40.0	50.8	4.9	1.0	.214	.300	67	93	NW 5	NNW 3	9	4	.10	☉ showers p. ☉
14	.52	.49	47.0	47.9	42.9	49.3	4.8	1.6	.218	.294	68	89	NE 1	SW 2	9	10	.19	☉ showers.
15	.24	.16	51.1	46.1	45.4	53.0	0.9	1.1	.352	.286	93	92	SW 3	W 2	10	1	.195	☉ a. ☉ showers p.
16	.10	.30	49.0	46.7	43.5	51.0	1.7	1.6	.305	.281	88	89	NW 2	N 3	7	7	.182	☉ showers.
17	.51	29.74	46.0	45.0	44.5	50.9	1.2	2.5	.304	.243	92	82	N 5	NNW 5	10	8	.03	☉ showers. ☉
18	29.91	30.05	47.0	44.1	41.5	49.2	4.8	3.1	.218	.223	68	76	NNW 4	N 1	7	10	.02	☉ showers. ☉
19	30.18	.17	46.5	46.7	39.5	47.8	4.3	2.4	.223	.264	71	83	N 1	SE 4	7	9	.17	Fine day.
20	30.06	30.00	50.9	50.1	46.1	54.6	0.1	1.3	.369	.328	100	91	S 2	S 3	9	0	—	☉ till 8a., then fine.
21	29.91	29.88	52.0	52.2	49.5	55.1	0.7	1.0	.369	.363	95	93	S 5	S 6	10	8	—	☉
22	.79	.80	53.0	53.0	50.2	53.1	1.5	1.0	.361	.374	90	93	SSE 7	SSE 6	5	10	.7	∞ a. ☉ p.
23	.74	.61	52.3	51.7	48.9	53.0	0.4	1.5	.381	.344	97	89	SSE 6	SSE 6	10	10	.105	∞ 9a. ☉ 10a.-3p. ☉
24	.68	29.91	53.3	50.2	49.0	56.4	2.1	1.0	.348	.337	85	93	W 4	S 2	7	1	—	Very fine.
25	29.98	30.09	53.2	53.2	46.8	54.7	2.2	0.2	.343	.400	84	99	SSW 3	W 2	8	10	.12	Fine a. ☉ p.
26	30.11	.14	54.2	54.0	51.5	58.4	1.0	0.7	.391	.397	93	95	SW 2	NNW 5	10	10	.12	☉ showers p.
27	.24	.31	49.3	48.2	47.3	58.6	0.3	0.2	.344	.332	98	99	ENE 1	SE 1	10	10	.02	☉ a. and p.
28	.31	.29	51.0	54.0	46.5	54.7	0.5	0.1	.361	.415	97	99	S 2	S 1	10	10	—	☉ p.
29	.22	.15	54.0	52.0	51.3	57.3	0.4	0.0	.406	.389	97	100	NNW 2	N 2	8	10	—	☉ a. and p.
30	30.08	30.04	52.9	51.0	49.6	53.8	0.3	1.0	.392	.348	98	93	N 1	NE 1	10	10	—	☉ a.
Mean	29.776	29.790	51.1	49.7	46.4	54.1	1.8	1.3	.334	.327	87.6	90.6	3.0	3.1	8.4	8.2	2.387	

BRAEMAR.—SEPTEMBER 1902.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches.
Long. 3° 24' W. Lat. 57° 0' N. Gravity Correction, +0.30 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.			Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.	Vapour Pressure.	Percentage.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	58.5	58.5	58.5	58.5	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
2	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
3	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
4	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
5	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
6	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
7	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
8	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
9	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
10	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
11	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
12	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
13	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
14	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
15	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
16	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
17	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
18	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
19	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
20	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
21	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
22	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
23	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
24	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
25	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
26	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
27	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
28	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
29	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
30	28.63	28.52	59.6	58.2	58.2	58.2	0.0	0.0	0.0	S	0.5	0.0	0.0	0.0	ins.
Mean	28.777	28.811	59.4	58.4	58.4	58.4	0.0	0.0	0.0	1.7	1.2	7.7	6.7	2.06	

LAUDALE.—SEPTEMBER 1902.

Height above Mean Sea Level, 14 feet. Heights above Ground:—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 41' W. Lat. 56° 41' N. Gravity Correction, +0.31 in.

1	29.73	29.57	59.3	59.3	59.3	59.3	3.3	2.3	4.03	4.32	80	86	S	4	S	5	10	9	2.24	Squally (gale).
2	29.55	29.52	59.3	59.3	59.3	59.3	2.8	1.9	4.21	4.54	83	89	S	4	S	4	9	10	1.03	showers in evening.
3	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
4	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
5	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
6	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
7	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
8	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
9	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
10	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
11	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
12	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
13	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
14	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
15	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
16	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
17	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
18	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
19	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
20	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
21	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
22	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
23	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
24	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
25	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
26	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
27	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
28	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
29	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
30	29.03	29.52	59.3	59.3	59.3	59.3	0.6	2.1	4.96	4.00	97	86	SE	4	SW	6	10	10	1.63	showers in evening.
Mean	29.943	29.972	59.9	59.9	59.9	59.9	1.6	1.6	3.89	3.73	89.7	89.7	2.6	2.6	8.8	7.8	7.41			

DUNDEE.—SEPTEMBER 1902.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 9 inches. Rain-gauge, 1 foot.
Long. 2° 56' W. Lat. 56° 28' N. Gravity Correction, +0.30 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.					Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.		9 a.m.		
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.								
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.			
1	29.65	29.54	34.5	53.6	45.7	57.7	1.0	0.1	.396	.410	94	100	SE	1	SE	1	10	10	—	Dull day. ∞
2	'49	'45	60.6	56.8	50.6	64.8	1.3	0.6	.486	.443	92	95	SW	1	SW	1	10	10	.42	☉ showers from 11a.
3	'04	'16	56.8	56.6	53.0	61.1	2.1	2.9	.459	.375	99	81	SE	10	SW	10	10	10	.08	☉ (gale) ☉ showers.
4	'25	'60	55.7	52.1	51.2	58.2	2.4	1.6	.376	.347	85	89	SW	8	SW	1	10	5	.04	Dull, with ☉ showers.
5	'78	'81	54.7	53.1	51.9	62.9	3.0	2.9	.346	.326	80	80	NW	1	NW	1	5	5	.93	Fine day.
6	'78	29.83	57.8	55.7	52.9	62.8	1.5	0.9	.433	.419	90	95	NW	1	NW	1	10	5	—	Dull day. ∞
7	29.98	30.05	61.8	58.5	51.3	68.1	2.4	1.9	.469	.432	85	88	SW	1	W	1	5	5	—	Fine day.
8	30.06	29.98	56.4	55.2	51.5	69.6	2.2	3.0	.391	.363	86	81	SW	1	SW	1	5	5	—	Fine day.
9	30.08	'98	52.4	51.8	44.0	64.1	1.7	1.5	.348	.316	89	89	W	1	E	1	10	10	—	Dull day.
10	30.02	'98	49.8	45.8	41.1	54.4	3.5	1.4	.274	.277	77	90	NE	2	NE	1	5	5	.02	Dull day. ∞ ☉ showers.
11	29.89	'82	49.7	45.9	41.1	51.7	3.9	0.7	.265	.292	74	95	NE	1	SE	1	5	5	—	Dull day.
12	'47	'76	51.5	42.8	41.0	56.9	1.8	3.5	.334	.204	88	74	NW	1	NE	1	5	5	.02	Cloudy day.
13	'79	'57	46.4	51.9	36.8	56.5	4.6	1.7	.217	.341	70	88	NW	1	NW	1	5	5	—	Cloudy day.
14	'53	'56	51.8	47.8	44.9	63.2	1.6	1.0	.343	.308	88	93	NE	1	NW	1	5	5	—	Cloudy day.
15	'46	'26	54.3	49.6	43.1	56.8	2.6	1.6	.349	.314	82	89	W	2	W	2	10	7	.02	Cloudy, with ☉ showers.
16	'17	'38	52.0	48.3	46.3	56.7	2.5	4.8	.323	.232	83	63	NW	2	NW	6	10	5	.17	☉ showers 9a.-4p.
17	'59	29.81	51.0	45.5	43.9	57.3	3.8	3.0	.281	.239	75	79	NW	2	NW	4	10	7	—	Cloud and sunshine.
18	29.99	30.07	48.4	42.1	38.9	57.6	3.3	0.6	.267	.255	79	95	SE	2	SE	2	5	10	.01	☉ showers.
19	30.20	'18	50.3	49.8	43.1	55.6	1.9	1.3	.316	.325	87	91	SE	2	SE	1	10	10	—	Dull day.
20	30.11	30.01	50.2	52.0	46.5	54.7	0.7	0.8	.346	.366	96	94	NE	1	SE	1	10	10	.10	☉ showers 9a.-1p.
21	29.99	29.95	53.6	53.6	49.6	57.1	0.6	0.6	.394	.394	96	96	SE	1	SE	1	10	10	.05	☉ ☉ showers.
22	'84	'83	53.2	54.9	50.8	55.8	0.4	0.4	.394	.420	98	98	SE	2	SE	2	10	10	.27	☉ showers 11. and during day.
23	'72	'54	53.1	52.6	51.5	56.4	0.1	0.3	.401	.389	99	98	SE	6	SE	8	10	10	.21	☉ till 11a. and from 5p.
24	29.77	29.98	52.8	50.3	49.7	64.3	1.9	1.7	.348	.321	87	88	W	2	W	1	5	0	—	Fine day.
25	30.11	30.17	52.1	53.5	40.8	57.1	1.6	0.9	.347	.384	89	93	SW	2	W	1	10	10	—	Dull day.
26	'25	'22	55.2	55.8	45.8	60.9	1.7	1.3	.387	.408	89	92	SW	2	W	1	5	10	.02	Cloudy day. ☉ ☉ showers from 7p.
27	'23	'30	55.4	50.6	49.8	60.4	0.6	0.3	.422	.361	97	98	SW	1	NW	1	10	5	.02	Dull day.
28	'35	'32	52.3	51.6	48.2	56.0	0.1	0.2	.390	.377	99	99	SE	1	SE	1	10	10	—	☉ ☉ ☉ till 11a.
29	'24	30.11	54.9	53.6	50.4	60.9	0.4	0.7	.420	.392	98	95	SW	1	W	1	10	10	—	☉ ☉ ☉ till 11a.
30	30.03	29.98	54.6	52.8	52.0	58.4	2.7	1.5	.352	.358	82	89	NE	4	NE	4	10	10	.05	Dull day.
Mean	29.826	29.840	53.4	51.5	46.9	59.3	1.9	1.5	.362	.347	87.8	9.0	2.1	2.0	8.2	7.5	1.53			

COCKLE PARK (NEAR MORPETH).—SEPTEMBER 1902.

Height above Mean Sea Level, 324 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 41' W. Lat. 55° 13' N. Gravity Correction, +0.026 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning.	Remarks.		
							Dep. of Wet.		Vapour Pressure.		Percentage.									
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.			
1	29.49	29.39	54.0	53.0	44.0	61.0	0.0	1.0	.418	.374	100	93	SE	3	NW	1	10	3	—	Dull, with $\frac{1}{2}$ (mist).
2	29.36	29.30	55.0	56.0	49.0	68.0	6.0	1.0	.418	.467	68	94	SW	4	S	3	8	2	—	Fine day. ● n.
3	28.91	28.8	58.0	56.0	55.0	65.0	0.0	3.0	.482	.365	100	81	SE	4	SW	5	10	1	—	Dull, then sunny. ↗ (gale).
4	29.33	29.28	63.0	53.0	32.0	65.0	7.0	1.0	.361	.374	100	93	SE	8	W	4	3	3	—	Fine and sunny, with ↗ (gale).
5	29.33	29.28	57.0	49.0	42.0	62.0	5.0	1.0	.397	.322	70	93	NW	4	W	3	5	1	—	Very fine and sunny.
6	29.33	29.28	54.0	54.0	45.0	61.0	2.0	1.0	.391	.388	87	93	SW	3	NW	2	10	7	—	Dull day.
7	29.33	29.28	56.0	56.0	51.0	69.0	7.0	1.0	.406	.419	64	93	SW	1	W	1	6	9	—	Very fine.
8	29.33	29.28	55.0	55.0	50.0	72.0	5.0	1.0	.464	.493	73	93	S	1	N	2	1	0	—	Very fine and sunny.
9	29.33	29.28	58.0	52.0	47.0	64.0	3.0	1.0	.393	.361	81	93	NW	2	NE	3	8	10	—	Fine day.
10	29.33	29.28	50.0	48.0	46.0	53.0	2.0	2.0	.309	.285	86	86	NE	4	NE	3	10	10	—	Dull day. ● p.
11	29.33	29.28	49.0	44.0	43.0	53.0	2.0	1.0	.298	.265	86	92	NE	3	N	1	10	8	—	Dull day.
12	29.33	29.28	54.0	49.0	39.0	58.0	5.0	2.0	.288	.215	69	84	W	5	NW	4	3	3	—	● ↗ (gale) noon.
13	29.33	29.28	43.0	48.0	36.0	58.0	7.0	1.0	.189	.322	57	93	NW	5	W	5	2	9	—	Fine, with ↗.
14	29.33	29.28	52.0	47.0	45.0	58.0	2.0	2.0	.335	.275	86	86	NE	2	W	2	10	3	—	Dull a.
15	29.33	29.28	53.0	49.0	45.0	58.0	3.0	1.0	.322	.322	80	93	SW	6	NW	7	10	4	—	Dull day. ● in evening.
16	29.33	29.28	51.0	47.0	45.0	60.0	3.0	1.0	.299	.298	80	93	W	6	NW	4	6	9	—	● 2 showers in evening.
17	29.33	29.28	49.0	44.0	40.0	59.0	4.0	1.0	.255	.265	73	92	NW	3	NW	2	4	3	—	Fine and sunny.
18	29.79	29.90	48.0	44.0	37.0	56.0	4.0	1.0	.243	.265	73	92	NW	2	Caln	0	3	4	—	● showers.
19	30.02	30.02	52.0	50.0	39.0	53.0	3.0	1.0	.310	.334	80	93	S	2	SE	3	8	10	—	$\frac{1}{2}$ (mist) 9p.
20	29.94	29.85	50.0	51.0	45.0	55.0	1.0	1.0	.334	.348	93	93	S	3	SE	3	7	10	—	$\frac{1}{2}$ (mist) 9a. ● p.
21	29.85	29.82	58.0	52.0	49.0	60.0	4.0	1.0	.367	.361	76	93	S	6	SE	4	7	10	—	Dull day. ● n.
22	29.71	29.70	53.0	54.0	49.0	56.0	0.0	1.0	.403	.388	100	93	SE	3	SE	3	10	10	—	$\frac{1}{2}$ a. ● all day.
23	29.55	29.41	56.0	55.0	52.0	59.0	1.0	0.0	.419	.433	93	100	SE	3	SW	4	10	10	—	$\frac{1}{2}$ (mist) a. ● p.
24	29.65	29.87	56.0	48.0	47.0	64.0	4.0	2.0	.340	.285	75	86	NW	4	NW	3	3	0	—	Very fine and sunny.
25	29.99	30.04	55.0	53.0	42.0	66.0	3.0	1.0	.349	.374	81	93	W	4	W	4	1	2	—	Very fine and sunny.
26	30.10	30.07	62.0	54.0	48.0	68.0	5.0	1.0	.399	.388	72	93	W	3	W	3	2	8	—	Very fine and sunny.
27	30.08	30.12	60.0	52.0	50.0	61.0	4.0	1.0	.395	.361	76	93	Caln	0	W	1	10	8	—	Dull and sultry. ● showers.
28	30.16	30.14	57.0	45.0	41.0	57.0	4.0	1.0	.351	.275	75	92	NW	2	NW	2	7	6	—	Fine and sunny.
29	30.03	30.09	50.0	51.0	42.0	54.0	1.0	0.0	.334	.374	93	100	NW	2	NW	3	10	10	—	$\frac{1}{2}$ (mist) 9a. Dull, with ●.
30	29.77	29.72	52.0	49.0	48.0	55.0	1.0	1.0	.361	.322	93	93	NE	5	NE	4	10	10	—	● $\frac{1}{2}$ (mist) a. ● n.
Mean	29.666	29.680	55.3	50.5	45.4	60.2	3.3	1.1	.352	.341	80.1	92.0	3.4	3.0	6.9	6.1	0.819			

SCARBOROUGH.—SEPTEMBER 1902.

Height above Mean Sea Level, 62 feet. Heights above Ground:—Bar., 65 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 24' W. Lat. 54° 18' N. Gravity Correction, +0.025 in.

1	29.77	29.63	56.5	58.5	52.0	59.5	1.3	2.0	418	428	91	87	SE	2	SE	2	10	10	—	2 a. Dull day.
2	29.66	29.57	59.0	62.0	52.0	72.0	2.0	1.0	436	520	87	94	SW	3	SW	4	4	6	0.02	Very fine.
3	29.24	29.10	64.0	62.5	57.0	70.5	1.5	2.5	543	480	90	84	SW	7	SW	4	6	4	—	Very squally (force 10 at times).
4	29.17	29.03	60.5	58.0	55.0	68.0	4.0	4.0	403	366	76	76	SW	5	SW	4	6	4	0.01	Very fine.
5	29.17	29.03	53.0	53.0	49.0	64.0	3.0	1.0	323	374	80	93	N	1	W	2	3	4	—	Very fine.
6	29.93	29.95	56.0	58.2	47.0	68.0	5.0	0.7	315	464	70	95	SW	3	Calm	0	4	10	0.02	Very fine. 9p.
7	30.06	30.11	57.5	56.0	53.0	64.5	1.0	1.2	443	413	93	92	N	3	Calm	0	10	8	—	Dull, with .
8	30.14	30.05	58.8	56.0	45.0	64.0	2.3	0.8	424	424	85	94	SE	2	SE	2	4	10	—	Fine a. p.
9	29.99	29.96	56.5	53.5	46.0	60.0	1.5	3.0	412	329	89	80	E	2	N	4	8	10	0.04	2 showers.
10	29.98	29.93	53.2	52.5	51.5	56.0	1.7	2.0	358	342	88	86	NE	2	E	3	10	10	—	Overcast, with .
11	29.88	29.78	52.5	50.0	47.0	56.0	3.0	2.5	316	298	80	82	E	3	NE	4	10	6	—	Overcast.
12	29.60	29.65	50.0	47.5	40.5	57.0	3.5	3.0	275	258	76	79	NW	3	N	6	4	10	0.10	Dull day. p.
13	29.84	29.72	46.5	50.8	39.0	58.0	4.0	5.8	228	237	72	63	NW	6	NW	4	4	8	0.02	Fine day.
14	29.59	29.70	54.0	53.0	47.0	56.5	3.0	2.5	336	335	80	82	N	3	Calm	0	10	6	—	Dull, quiet day.
15	29.68	29.49	54.0	53.0	49.0	59.5	1.5	1.5	374	361	89	89	W	4	SW	4	8	10	0.24	Very dull, with .
16	29.39	29.43	51.2	52.5	48.0	59.2	1.2	3.0	345	316	82	80	NW	6	NW	5	6	6	0.05	Fine day.
17	29.62	29.84	48.5	50.0	41.5	56.5	2.0	2.0	292	309	85	86	NW	5	N	2	2	6	0.01	Fine a. Dull p.
18	30.04	30.11	50.2	50.2	44.0	57.5	4.4	3.2	259	284	71	78	N	4	SE	3	4	6	—	Fine day.
19	29.43	29.26	53.5	53.0	44.5	57.5	2.5	3.0	342	323	82	80	SE	2	SE	3	6	10	—	Dull day.
20	29.21	29.12	51.0	54.0	47.0	59.2	2.0	1.5	322	374	86	89	S	3	SE	4	10	6	0.06	Dull day.
21	29.14	29.09	55.5	53.5	52.0	59.0	3.5	2.0	344	355	78	86	SE	3	SE	4	10	6	0.04	Dull, with nearly all day.
22	29.99	29.96	56.0	55.5	52.0	59.5	1.5	2.0	404	382	89	87	S	5	S	3	10	10	0.05	Dull, with nearly all day.
23	29.84	29.66	56.0	55.5	51.0	60.5	1.5	1.5	404	396	89	89	S	3	SE	5	8	10	—	Dull day.
24	29.87	29.05	54.0	55.8	52.0	63.0	2.5	4.8	348	338	82	79	W	3	SW	3	8	6	—	Dull day.
25	30.24	30.28	50.5	57.2	38.0	65.0	1.5	2.2	328	403	89	86	W	2	N	2	2	4	—	Very fine.
26	29.34	29.31	54.0	56.5	44.0	62.5	2.5	3.0	248	370	82	81	NE	2	Calm	0	4	6	—	Calm, dull day.
27	29.31	29.29	58.5	55.5	47.0	63.0	2.0	2.0	428	382	87	87	NW	2	NW	2	10	10	—	Warm, dry and dull.
28	29.36	29.33	50.0	50.0	47.0	61.0	3.0	2.5	286	298	79	82	N	4	N	3	10	4	—	Warm, dry and dull.
29	29.25	29.10	50.5	53.2	49.0	57.5	2.5	1.7	304	358	82	88	N	3	NE	4	10	8	0.06	Warm, dry and dull.
30	29.94	29.88	52.0	54.5	50.0	58.0	0.5	1.5	374	381	96	89	NE	2	E	4	10	10	0.04	a. Dull day.
Mean	29.918	29.913	54.1	54.4	47.9	61.1	2.4	2.3	358	363	83.8	84.6	3.3	3.0	7.0	7.5	0.76			

CRONKBORNE.—SEPTEMBER 1902.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29' W. Lat. 54° 10' N. Gravity Correction, +0.024 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning.	Remarks.				
							Dep. of Wet.		Vapour Pressure.		Percentage.									
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		9 p.m.			
	ins.	ins.							in.	in.	%	%					ins.			
1	29.63	29.57	58.0	59.0	50.0	61.3	0.7	1.2	460	461	95	93	SE	3	S	5	10	10	ins. 327	Dull day. ● n.
2	29.54	29.45	58.5	58.4	55.7	62.2	0.3	0.9	481	461	98	95	SSW	3	S	1	10	9	1.006	● a. and p. Dull and overcast.
3	28.94	4.3	53.0	56.8	53.0	62.0	0.3	0.5	394	447	98	96	SW	6-8	SW	5	10	2	494	Squally (gale) ● ² .
4	29.54	29.47	58.0	54.8	54.3	62.7	2.2	0.8	415	406	86	94	WSW	3	NW	2	8	9	002	Dull day. ● showers 6p.
5	29.89	29.85	58.4	52.2	42.8	64.9	2.8	0.7	405	372	83	96	WNW	4	Calm	0	2	0	136	Very fine day. ● n. D
6	29.86	29.95	55.6	58.0	51.5	58.7	0.1	0.8	440	457	100	94	SSW	3	Calm	0	10	10	022	● a. Overcast day.
7	30.04	30.11	58.6	50.8	50.8	66.7	1.1	1.0	458	347	94	93	SW	2	NNW	1	10	1	—	Overcast a. Fine p. D ²
8	30.11	30.03	60.4	54.8	45.2	64.3	1.7	1.1	469	399	90	93	S	2	NW	2	0	0	—	● a. Fog at sea. Fine day. D
9	29.94	29.89	62.2	59.2	47.2	66.8	3.2	2.2	453	433	81	87	SE	2	E	3	6	10	—	Fine day.
10	29.82	29.89	54.4	54.3	53.6	59.2	2.1	2.2	364	360	86	85	SE	3	ESE	3	10	10	062	● a. Overcast day.
11	29.82	29.77	50.7	50.6	50.6	54.5	0.9	2.2	348	313	94	85	ESE	3	NE	2	10	10	004	● a. Overcast day.
12	29.61	29.78	52.0	47.8	44.5	59.7	2.3	3.5	328	252	84	76	WNW	4	NE	3	8	2	002	Cloudy day. ● shower after 4p.
13	29.91	29.71	54.2	53.2	36.1	55.0	5.2	1.1	286	374	68	93	NNW	3	W	5	3	10	043	Fine till noon, then dull. ● n.
14	29.63	29.71	54.2	53.6	51.0	62.0	1.2	1.2	385	378	92	92	NW	5	WNW	2	8	9	003	Cloudy day.
15	29.65	29.47	54.7	54.1	51.5	57.0	1.7	1.1	379	387	89	92	WNW	4	WSW	4	10	8	041	Overcast. ● showers.
16	29.40	29.58	55.4	49.2	49.2	58.3	3.4	1.4	345	315	79	91	NNW	5-6	NW	5	5	6	032	Fine a. Cloudy, with ● showers p.
17	29.77	29.95	53.8	49.2	47.0	57.6	4.1	2.2	306	296	74	85	NNW	6	NW	6	4	3	002	Fine a. Squally.
18	30.09	30.12	56.0	52.4	45.2	58.4	4.8	1.1	322	363	71	92	WNW	3	NNW	4	10	10	162	Fine a. ● p.
19	29.18	29.15	56.4	54.0	51.0	60.3	1.7	0.5	405	403	89	97	S	1	ESE	3	9	0	—	Cloudy day. D p.
20	30.07	30.00	54.6	57.0	53.1	59.0	1.9	1.8	373	411	88	88	SSE	3-4	SSE	3	10	10	054	Dull day.
21	29.98	29.90	55.2	57.4	54.0	57.6	0.5	0.9	422	445	97	95	SE	3	SE	3	10	10	059	● (mist).
22	29.79	29.81	56.5	59.0	55.1	60.0	0.5	0.0	441	500	96	100	SSE	2	SSE	2	10	10	548	● (mist).
23	29.64	29.55	58.2	55.6	55.3	59.7	0.9	0.1	457	440	94	100	SE	3	WSW	4	10	10	540	⌈ before 9a. ⌋ ² afternoon.
24	29.90	30.08	58.2	43.8	43.8	60.8	4.7	0.4	353	276	73	97	SW	2	NNE	2	2	0	—	Very fine day.
25	30.20	29.27	59.0	49.2	42.2	62.4	3.2	0.8	402	329	81	95	SW	2	N	1	7	3	—	Dull day.
26	30.32	30.31	57.2	43.0	42.0	63.2	1.2	1.5	431	245	92	88	NW	1	Calm	0	7	0	—	Fine day.
27	30.31	30.32	54.3	45.8	41.2	64.0	2.7	0.6	347	393	82	95	NW	1	N	1	9	0	—	Dull day.
28	30.32	30.32	58.6	50.6	43.0	62.2	2.1	1.4	428	332	87	90	E	1	NNW	1	0	0	—	Very fine day.
29	30.23	30.10	55.8	55.0	43.8	58.7	4.1	1.0	336	403	75	93	E	2	NE	3	4	3	—	Cloudy day.
30	29.98	29.89	56.5	54.5	53.1	61.2	3.2	1.5	366	381	80	90	NE	4-5	NE	5	9	3	—	Fine day.
Mean	29.873	29.891	56.3	53.1	48.6	60.7	2.2	1.2	393	376	86.5	92.0	3.0		2.6	7.2	5.6	3.559		

CAMBRIDGE.—SEPTEMBER 1902.

Height above Mean Sea Level, 83 feet. Heights above Ground :—Bar., 5 feet. Therms., 4 feet. Rain-gauge, $9\frac{1}{2}$ inches.
Long. $0^{\circ} 6' E$. Lat. $52^{\circ} 13' N$. Gravity Correction, $+0.19$ in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.	
							Dep. of Wet.		Vapour Pressure.		Percentage.						
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			
	ins.	ins.	"	"	"	"	in.	in.	%	%					ins.		
1	29° 51	29° 77	65° 2	61° 7	57° 4	72° 4	3° 5	1° 5	497	499	81	91	S	1	S	1	—
2	77	63	64° 1	63° 6	52° 9	71° 4	3° 1	0° 9	491	556	82	91	SW	3	SE	1	10
3	42	72	68° 4	59° 0	57° 8	71° 5	3° 6	2° 7	555	416	80	84	S	5	S	4	10
4	78	84	65° 1	56° 9	54° 6	72° 6	5° 3	2° 0	440	403	72	87	SW	5	SW	1	7
5	95	29° 99	55° 2	54° 0	47° 4	70° 1	1° 9	1° 7	427	368	88	88	NW	1	NW	1	5
6	29° 99	30° 00	58° 0	55° 3	47° 3	71° 2	1° 7	2° 4	430	369	89	84	NW	1	SW	1	5
7	30° 10	15	58° 0	56° 4	47° 6	73° 3	2° 6	1° 4	404	413	83	91	Caln	0	SW	1	0
8	19	30° 10	54° 4	54° 3	45° 6	71° 3	0° 3	1° 7	416	374	98	88	Caln	0	E	1	0
9	30° 00	29° 91	58° 1	59° 4	49° 0	72° 0	0° 8	2° 4	458	431	94	86	E	2	E	2	10
10	29° 93	90	60° 0	58° 3	54° 8	66° 3	0° 7	1° 0	495	455	96	93	NNE	2	E	1	10
11	79	75	57° 3	51° 7	50° 7	59° 9	0° 6	0° 4	452	373	96	97	E	2	NE	1	10
12	64	69	50° 0	49° 6	47° 5	61° 0	0° 7	1° 5	342	317	95	90	N	2	NW	4	10
13	94	89	48° 3	49° 7	37° 7	58° 0	4° 3	4° 3	241	256	71	71	N	4	NW	2	0
14	71	83	54° 0	55° 1	46° 8	62° 3	2° 3	2° 5	352	364	84	84	WSW	5	NW	1	10
15	85	72	57° 2	57° 6	52° 0	62° 0	4° 0	3° 2	354	382	75	80	SW	3	SW	5	10
16	58	65	59° 6	52° 9	52° 1	66° 0	5° 0	3° 2	364	318	71	79	SW	5	SW	4	10
17	29° 79	29° 99	54° 1	50° 1	45° 1	61° 7	4° 7	3° 1	296	285	71	79	W	4	W	4	2
18	30° 13	53° 0	43° 9	42° 3	52° 0	4° 0	1° 3	299	258	74	90	N	3	NW	2	0	0
19	31	31	50° 9	46° 9	36° 0	68° 0	1° 0	1° 6	348	283	93	89	Caln	0	ESE	1	0
20	25	19	51° 8	50° 2	38° 0	68° 0	0° 1	1° 9	383	315	99	87	SE	1	SE	1	10
21	18	30° 11	58° 7	51° 7	48° 0	69° 0	2° 5	1° 9	390	334	78	88	SE	2	SE	1	10
22	30° 03	29° 98	61° 3	57° 8	51° 0	76° 0	3° 5	2° 4	460	497	85	84	SE	1	SE	1	10
23	29° 83	29° 78	61° 0	60° 6	55° 0	70° 2	3° 1	1° 4	436	483	82	91	SE	1	SW	1	10
24	29° 99	30° 14	55° 9	50° 7	50° 0	66° 7	4° 7	2° 4	372	310	83	84	NW	2	NW	1	1
25	30° 30	36	47° 6	48° 3	40° 0	67° 6	0° 3	1° 5	323	301	98	90	NNW	1	N	1	0
26	40	37	49° 7	50° 7	36° 0	69° 0	1° 4	0° 8	321	350	90	94	Caln	0	N	1	0
27	37	33	48° 4	53° 9	41° 3	68° 0	0° 1	1° 5	338	373	99	90	Caln	0	N	1	10
28	35	32	53° 5	50° 9	49° 7	60° 3	3° 9	2° 6	307	308	75	83	N	3	N	2	10
29	30° 19	30° 09	51° 9	43° 2	42° 6	60° 0	4° 6	1° 0	310	257	72	92	NE	4	N	1	3
30	29° 92	29° 84	51° 9	49° 1	34° 6	63° 0	1° 7	1° 2	341	319	88	91	N	2	E	1	10
Mean	29° 983	29° 985	56° 3	53° 5	47° 0	67° 0	2° 5	1° 9	388	363	84° 7	87° 3	2° 2	1° 7	6° 8	5° 2	0° 684

WOOLACOMBE.—SEPTEMBER 1902.

Height above Mean Sea Level, 59 feet. Heights above Ground:—Bar., 20 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 4° 12' W. Lat. 51° 10' N. Gravity Correction, +016 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.				
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.									
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.				
1	29.78	29.74	63.1	60.7	58.2	65.6	3.1	1.9	.470	.467	81	88	SW	3	SE	4	3	9	.01		
2	66	39	63.3	63.1	56.6	68.2	1.5	1.3	.528	.531	90	92	SE	3	SE	4	10	10	.17	● n. and till 7a. ☼ ⁰ (mist). (force 8 at times) 1a.-6a.	
3	51	70	62.1	59.9	57.4	66.6	4.1	2.5	.425	.436	76	84	SW	5	S	4	3	2	—	Very fine. D ² p.	
4	75	29.87	62.5	57.9	56.4	66.0	4.7	1.2	.415	.443	73	92	SW	4	NE	2	2	5	—	D ² a. Very fine.	
5	29.98	30.05	59.5	54.7	53.2	64.4	2.3	2.8	.436	.352	85	81	N	3	NE	1	6	1	—	Overcast, with ☼ ⁰ .	
6	30.01	.01	56.1	58.1	51.0	60.0	2.2	1.4	.385	.441	86	90	SE	2	NE	2	9	3	.02	Very fine.	
7	10	30.15	63.5	57.9	56.4	66.0	5.9	4.2	.397	.360	68	75	NE	2	E	2	3	0	—	Very fine.	
8	30.14	29.99	66.3	58.9	54.0	71.2	7.3	3.4	.404	.396	63	80	NE	3	NE	3	0	0	—	Very fine.	
9	29.86	.83	60.3	59.3	53.6	64.6	3.1	1.1	.425	.469	81	92	E	5	E	3	9	10	.75	T 3p.-6p. ● after 6p.	
10	86	.84	62.5	58.1	57.4	67.4	2.3	0.9	.487	.457	85	93	E	2	NE	3	9	4	.18	☼ over sea 3p.-4p. ☾ 4p.	
11	71	.69	59.7	55.3	54.2	62.4	1.3	1.2	.470	.401	91	92	SE	3	NE	4	10	8	.38	☼ showers.	
12	29.70	.81	54.9	56.1	52.0	58.6	2.8	3.8	.355	.345	82	76	NE	2	NE	3	7	4	.02		
13	30.06	.98	52.5	54.5	45.4	59.0	5.0	4.2	.271	.313	69	74	N	2	W	3	5	8	.02	Very fine.	
14	29.86	.93	58.1	59.1	54.5	61.2	2.8	3.6	.400	.391	83	78	W	6	W	4	6	9	—		
15	93	.78	57.7	57.7	55.8	61.6	2.8	1.0	.394	.446	83	93	SW	4	SW	5	9	9	.26	Dull, with ● showers.	
16	73	29.81	59.3	58.1	56.0	61.2	3.6	3.4	.396	.384	78	80	W	5	W	5	7	3	.01		
17	29.95	30.11	55.9	55.3	54.0	58.8	5.0	4.8	.313	.311	70	71	NW	5	NW	2	1	1	—	7a. Very fine.	
18	30.22	.25	56.3	51.5	50.2	59.2	5.6	2.4	.305	.318	67	83	N	1	N	1	1	0	—	Visibility all day. Very fine.	
19	25	.17	57.5	52.7	46.0	62.6	5.2	3.4	.329	.309	70	78	E	3	NE	5	5	0	—	Very fine.	
20	13	30.08	58.3	55.9	52.4	64.0	3.6	1.2	.381	.412	78	92	E	2	SE	4	8	10	.02		
21	30.04	29.96	62.7	59.7	55.0	70.0	2.9	2.5	.472	.433	82	84	SE	4	SE	5	9	8	.01	Mackerel sky a. ☼ 4p.	
22	29.93	.84	62.5	61.1	59.4	67.4	1.7	0.7	.505	.514	89	95	SE	3	E	3	10	10	.60	☼ 2a. ● after 7p.	
23	68	29.85	60.3	56.9	56.8	62.6	0.9	3.6	.492	.361	93	77	SE	4	W	4	10	2	.44	Dull day.	
24	29.97	30.16	58.3	51.7	49.4	65.0	3.6	1.6	.381	.342	78	89	SE	3	E	1	1	0	—		
25	30.32	.37	58.9	55.1	50.4	65.0	2.8	1.0	.412	.404	83	93	S	1	SE	1	0	5	—	D ² a. ∞ all day. D ² p.	
26	39	.36	58.7	53.3	50.2	65.6	3.2	4.0	.399	.303	81	75	S	1	Calm	0	0	0	—	D ² a. ∞	
27	37	.34	59.7	59.1	51.0	65.8	3.0	4.8	.419	.361	82	77	SW	1	E	2	2	5	—		
28	35	.31	59.7	52.5	52.4	66.4	2.7	2.0	.427	.342	83	86	Calm	0	Calm	0	0	0	—		
29	30.22	30.07	51.3	51.5	48.0	56.6	3.0	3.4	.301	.295	80	78	E	3	E	4	6	0	—		
30	29.96	29.81	52.7	55.7	46.0	57.0	3.0	2.0	.319	.385	80	87	NE	4	NE	4	4	7	—		
Mean	29.981	29.975	59.1	56.7	53.1	63.7	3.4	2.5	.404	.391	79.7	84.0	3.0	2.9	5.2	4.4	2.89				

SOUTHAMPTON.—SEPTEMBER 1902.

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24' W. Lat. 50° 55' N. Gravity Correction, +016 in.

1	29.79	29.82	64.1	59.2	58.9	70.0	0.6	1.7	576	449	96	90	SW	3	SW	3	10	0	0.13	☉ till 10a. Bright p. D p.
2	29.78	29.78	63.0	63.8	58.5	68.3	2.2	0.9	500	560	87	94	SW	4	SE	3.5	10	10	0.140	☉ till 2p.
3	29.74	29.74	65.4	61.0	60.7	70.4	5.1	1.8	451	477	73	89	SW	5	SW	3	6	5	0.035	☉ (force 8) till 7a.
4	29.82	29.88	64.2	59.0	58.7	69.1	4.0	1.6	464	448	77	90	SW	4	SW	3	8	5	0.010	☉ showers n. and till 11a.
5	29.97	30.01	55.8	58.2	52.7	72.1	0.8	0.9	422	454	94	93	NW	3	NW	3	10	8	0.310	☉ n D ² a. ☉ showers p. T
6	30.03	30.03	63.0	55.8	49.7	70.5	5.5	1.6	401	399	70	89	NW	3	SW	3	9	0	—	Beautiful day. D p. [3p.]
7	30.10	30.14	60.9	57.0	49.1	70.5	2.8	1.8	443	411	84	88	NW	3	SE	3	8	0	—	D a. and p. Beautiful day.
8	30.16	30.05	66.4	57.7	49.6	72.5	6.6	2.8	424	395	65	82	ENE	3	ENE	4.5	0	0	—	D a. Beautiful day.
9	29.92	29.87	61.4	60.4	52.5	70.0	3.3	2.2	437	453	81	87	NE	4	NE	3	10	10	0.280	D a. ☉ 7p. ☉ ⁰ p.
10	29.88	29.87	59.7	61.4	55.9	65.1	0.7	1.2	489	504	96	93	NE	3	SW	3.5	10	10	0.010	☉ a. ☉ ⁰ p.
11	29.77	29.70	61.8	59.4	58.4	64.2	1.7	0.6	493	487	90	97	SW	3	SE	3	10	10	0.330	☉ most of day.
12	29.62	29.71	52.4	54.2	51.5	60.6	1.3	2.3	358	355	91	84	NNE	4	NW	3.5	10	9	0.008	Cloudy a. Bright p.
13	30.00	30.00	54.1	50.6	41.7	60.6	6.5	2.7	258	301	62	81	NW	4	NW	3	3	5	—	Fine and sunny.
14	29.83	29.88	56.0	56.8	46.2	64.9	2.1	2.4	388	391	86	84	W	3.5	NW	3	10	10	0.080	
15	29.93	29.83	59.4	58.3	54.3	63.2	4.8	2.1	366	423	72	86	W	4	SW	4.5	10	10	0.080	Dull and cloudy. ☉ showers p.
16	29.76	29.76	60.7	54.6	53.5	65.4	2.8	2.3	412	361	78	85	W	4.5	W	3.5	8	10	0.022	
17	29.29	29.07	59.3	49.4	47.7	65.2	5.9	2.9	337	283	67	81	NW	3.5	NW	3.5	2	0	—	Beautiful day. ☉ sp. D p.
18	30.20	30.20	57.8	48.8	41.0	64.8	5.6	1.9	325	300	68	86	NW	3	NW	3	0	0	—	D a. Beautiful day. ☉ ⁰ p.
19	29.31	29.27	58.4	49.3	39.5	63.3	5.6	2.3	333	294	68	84	NE	3	ENE	4	4	0	—	☉ ⁰ a. Beautiful day. ☉
20	29.22	29.15	58.4	52.8	45.8	63.2	6.6	2.6	310	330	63	82	SE	4.5	SE	3.5	8	5	0.010	Beautiful day. ☉ p.
21	29.06	29.06	61.7	58.2	51.2	67.6	3.5	4.8	437	350	79	72	SE	4	SE	3.5	8	8	—	Beautiful day.
22	30.01	29.93	65.7	60.7	57.9	68.1	4.9	2.5	463	449	73	85	SE	3.5	SE	3	5	10	0.018	Beautiful a. Cloudy p.
23	29.79	29.81	61.5	58.3	58.2	64.8	2.8	1.1	455	452	83	92	SE	4.5	SW	3	10	0	0.015	☉ 11a.-2p. [p.]
24	30.02	30.13	59.3	51.6	47.5	66.6	3.3	1.3	403	348	80	91	W	3	SW	3	5	0	—	D ² a. and p. Beautiful day. ☉ ⁰
25	30.30	30.35	53.8	52.3	42.8	68.2	2.4	1.9	348	341	84	87	NNW	3	NE	3	0	0	—	☉ ⁰ D a. and p. Beautiful day.
26	30.40	30.37	56.9	51.8	42.6	69.3	4.1	1.6	348	343	75	88	NE	3	NE	3.5	0	0	—	☉ ⁰ D a. and p. Beautiful day.
27	30.37	30.33	58.6	56.9	41.8	71.2	3.7	2.0	382	403	78	87	NE	3	SW	3	1	0	—	☉ ⁰ D a. and p. Beautiful day.
28	30.34	30.31	55.6	48.8	48.7	64.6	2.2	2.9	380	277	85	80	NE	4	NE	4	8	0	—	☉ ⁰ a. Beautiful day.
29	30.17	30.06	50.3	47.5	44.4	55.8	2.2	1.8	309	285	85	87	NE	4	NE	3.5	8	0	—	a. and p.
30	29.91	29.78	54.1	52.0	43.7	59.3	5.2	2.9	285	313	69	81	NE	4	NE	4	3	8	0.022	D a.
Mean	29.997	29.992	59.3	55.5	50.2	66.3	3.7	2.0	400	388	78.6	86.5	3.6	3.4	6.2	4.4	1.303			

PLYMOUTH.—SEPTEMBER 1902.

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 0 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 4° 8' W. Lat. 50° 22' N. Gravity Correction, +015 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.		
								Dep. of Wet.	Vapour Pressure.		Percentage.									
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
	ins.	ins.							in.	in.	%	%					ins.			
1	29°74	29°74	64°6	61°0	58°0	67°3	2°8	1°6	·510	·483	85	90	Calms	0	SW	6	4	10	·09	Beautifully fine and sunny.
2	°65	°44	61°3	59°8	59	63°6	0°2	0°7	·534	·490	98	95	SSE	6	SE	8	10	10	·23	Frequent ● ² showers.
3	°50	°66	62°8	63°7	57°3	64°9	4°2	2°9	·434	·491	76	83	SW	7	SW	7	4	2	·01	Beautifully fine and sunny.
4	°72	29°81	61°9	59°0	56°9	65°6	1°8	1°1	·492	·464	90	93	SW	6	SW	1	4	3	—	Fine and sunny.
5	°91	30°01	60°9	55°9	50°6	68°3	3°1	2°6	·435	·374	82	84	N	4	Calms	0	3	0	—	Fine and sunny.
6	29°98	29°96	57°8	58°6	48°6	59°6	1°9	0°4	·421	·477	87	96	Calms	0	SW	3	10	9	·17	● ⁰ nearly all day.
7	30°03	30°09	59°4	55°2	66°1	0°6	1°1	·487	·416	97	92	Calms	0	N	4	10	0	—	—	Cloudy a. Sunny p.
8	30°04	29°93	64°4	60°1	52°1	67°8	4°2	4°4	·461	·386	76	75	E	6	E	6	3	0	—	Fine and sunny all day.
9	29°79	°78	60°8	60°0	57°9	67°2	3°4	0°2	·425	·511	80	99	E	7	E	7	9	10	·72	Sunny a. ☞ ² in evening.
10	°82	°81	58°0	58°0	57°2	65°7	0°2	0°8	·476	·457	99	94	S	4	Calms	0	10	10	·11	Cloudy a. Sunny p.
11	°66	°61	59°3	59°2	55°7	62°4	0°7	1°0	·483	·471	96	94	S	5	E	4	10	3	·03	● ⁰ showers.
12	°62	°70	56°3	56°5	54°2	60°7	2°5	4°9	·382	·324	84	70	N	6	Calms	0	10	3	·02	Overcast, then sunny. ● ⁰ showers [p.
13	°98	°98	53°2	51°0	45°6	60°9	5°9	2°4	·261	·313	65	84	NE	5	NW	5	6	4	—	Fine and very sunny.
14	°84	°90	57°9	56°0	50°0	62°6	3°7	1°5	·374	·405	77	90	W	5	NW	4	10	9	—	Cloudy day.
15	°91	°82	60°0	56°9	54°9	61°0	3°8	2°0	·401	·403	77	87	W	4	W	6	10	10	·04	● ⁰ showers.
16	°72	29°78	60°7	60°3	55°0	64°3	4°3	6°1	·398	·346	75	66	W	7	NW	6	5	4	—	Fine and sunny.
17	29°51	30°08	57°0	48°7	48°7	60°3	5°6	1°7	·313	·301	67	88	NNW	5	Calms	0	7	1	—	Fine and sunny.
18	30°15	°19	55°0	52°0	41°0	62°2	4°6	1°6	·311	·322	72	89	Calms	0	S	2	0	0	—	Fine and sunny all day.
19	°18	°15	57°8	52°9	42°1	62°0	5°0	2°5	·339	·333	71	84	E	6	SE	5	6	0	—	Fine and sunny.
20	°08	30°05	59°2	56°6	52°5	64°3	3°5	1°9	·397	·403	79	87	SE	4	E	6	8	—	—	Fine and sunny.
21	30°01	29°92	65°3	60°8	55°7	69°4	4°5	2°0	·468	·468	75	88	SE	6	E	7	3	9	·05	Fine and sunny.
22	29°90	°83	60°9	61°5	59°0	63°7	0°4	0°4	·522	·530	98	97	S	6	E	6	10	10	·61	Overcast and unsettled. ● ² n.
23	°67	29°83	60°2	52°8	52°3	61°5	0°4	2°9	·508	·324	98	80	E	5	WNW	4	10	0	·33	● ² showers a.
24	29°88	30°09	60°0	51°8	48°4	60°1	4°1	0°4	·392	·375	76	97	SE	6	N	4	7	0	·05	● ² shower a. Sunny day.
25	30°22	°32	57°5	52°0	44°8	66°8	2°8	2°0	·392	·335	82	86	N	2	Calms	0	0	0	—	Fine, sunny, and warm.
26	°31	°32	57°2	51°0	45°5	65°7	3°0	1°7	·381	·331	81	88	Calms	0	Calms	0	0	0	—	Fine, sunny, and warm.
27	°29	°29	60°3	57°0	46°0	68°0	3°9	2°1	·402	·402	77	86	Calms	0	Calms	0	0	0	—	Very warm and sunny all day.
28	°29	°26	63°4	55°3	54°7	69°8	4°8	3°4	·427	·345	73	78	Calms	0	NE	4	0	0	—	Fine and sunny.
29	30°12	30°01	52°7	49°0	57°5	3°7	2°3	·302	·291	76	84	NE	6	NE	5	3	0	—	—	Fine and sunny.
30	29°87	29°74	50°0	53°2	44°8	58°1	3°7	1°5	·271	·363	76	90	NE	6	NNE	5	4	9	—	Fine and sunny.
Mean	29°926	29°936	59°2	56°2	51°7	63°9	3°1	2°0	·413	·392	81°5	87°1	4°1		3°8	5°9	4°1	2°46		

MARKREE CASTLE.—SEPTEMBER 1902.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27' W. Lat. 54° 11' N. Gravity Correction, +024 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.
							Dep. of Wet.		Vapour Pressure.		Percentage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.							in.	in.	%	%					ins.	● ² in evening.
2	29.54	29.38	62.7	54.5	43.5	67.3	4.8	0.7	.416	.405	73	96	S	2			7 9	● showers.
3	43	35	62.0	53.0	50.0	67.0	5.0	1.2	.399	.369	72	92	SSW	3	Calm	0	4 10	Gloomy, with ● showers.
4	15	36	56.9	53.0	52.1	66.7	1.5	1.0	.418	.374	91	93	SSW	1	Calm	0	10 10	● showers.
5	59	84	57.1	50.1	48.4	60.9	2.1	0.3	.404	.355	86	98	NW	2	Calm	0	9 5	—
6	90	84	60.0	58.0	48.8	65.5	2.8	0.5	.374	.467	72	97	SW	1	S	1	6 10	● ² 4p.-6p.
7	29.77	29.90	61.0	57.0	48.8	66.9	2.5	0.3	.455	.456	85	98	SSW	4	Calm	0	10 3	● showers.
8	30.05	30.11	61.2	53.5	50.1	63.3	2.7	0.5	.453	.395	84	96	Calm	0	Calm	0	8 4	—
9	30.11	30.04	57.9	54.8	44.3	69.9	0.9	0.9	.452	.405	91	94	Calm	0	Calm	0	0 3	—
10	29.97	29.88	58.9	54.0	48.2	68.3	3.4	2.0	.395	.360	79	86	N	1	E	1	4 3	—
11	90	90	55.9	52.6	51.5	59.4	2.1	1.7	.388	.350	87	88	ESE	2	NW	1	10 10	—
12	86	86	52.8	49.6	47.3	58.4	3.0	3.3	.321	.276	80	78	Calm	0	N	1	9 6	—
13	70	91	54.8	48.3	45.0	58.8	3.3	4.3	.340	.241	79	71	NW	3	N	3	9 3	—
14	99	81	52.0	53.8	35.1	56.8	4.0	1.0	.287	.386	74	93	Calm	0	W	4	10 10	—
15	75	76	54.1	53.0	52.5	57.7	1.0	2.9	.390	.325	93	81	NW	5	NW	1	8 10	—
16	62	50	55.0	51.3	50.9	59.4	1.0	1.9	.403	.329	93	87	SSW	1	SW	1	10 6	—
17	54	29.73	54.0	51.0	48.9	58.3	3.0	3.5	.334	.288	80	77	NW	3	NW	2	7 7	—
18	29.91	30.06	54.0	40.9	40.4	56.8	6.2	0.9	.263	.236	63	93	NW	2	Calm	0	4 3	—
19	30.09	31.1	50.0	48.8	35.4	57.5	1.5	0.0	.322	.345	90	100	Calm	0	Calm	0	7 4	—
20	30.12	30.03	52.7	52.4	43.5	60.5	1.7	2.9	.351	.319	88	81	SW	1	SE	2	3 10	—
21	29.89	29.84	55.0	58.3	51.7	59.5	1.4	1.3	.392	.446	91	91	SSE	5	SE	4	10 10	—
22	81	73	62.0	61.5	58.0	67.6	1.5	1.6	.504	.493	91	90	SSE	4	SSE	6	10 10	—
23	59	65	64.0	59.4	57.2	68.7	4.0	0.5	.461	.491	77	97	S	5	SSE	5	6 10	—
24	52	29.64	56.9	46.8	46.3	59.7	0.9	0.8	.435	.301	94	94	Calm	0	S	1	10 3	—
25	29.88	30.03	53.9	52.9	36.0	63.3	1.9	1.7	.361	.353	87	88	S	1	SSW	1	4 10	—
26	30.18	25	55.9	54.3	52.3	59.0	0.7	0.5	.426	.408	95	97	SW	1	Calm	0	10 10	—
27	29	27	54.9	53.4	49.9	64.3	1.4	0.7	.391	.388	92	95	SSE	2	Calm	0	10 3	—
28	31	33	56.0	47.7	45.5	64.8	1.5	0.6	.405	.315	90	96	Calm	0	Calm	0	6 0	—
29	38	34	55.4	50.9	37.2	67.0	1.4	0.5	.398	.359	91	97	Calm	0	Calm	0	0 0	—
30	26	30.16	53.9	53.1	40.4	59.7	0.5	1.2	.401	.370	97	91	Calm	0	Calm	0	4 10	—
31	30.05	29.96	55.4	55.5	52.3	59.9	1.9	2.6	.385	.367	88	83	Calm	0	NE	4	10 10	—
Mean	29.871	29.885	56.5	53.8	47.1	62.1	2.4	1.4	.391	.366	85.2	90.6	1.6		1.3	7.2	6.7	2.90

DUBLIN (PHOENIX PARK).—SEPTEMBER 1902.

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

1	29°60	29°48	59°5	59°9	47°8	67°1	3°4	2°9	404	424	80	83	SW	1	S	1	8	9	°005	Cloudy day. ● 6p.-7p. [7.30p.]
2	29°47	29°36	61°7	59°0	54°8	66°0	2°8	0°7	459	477	83	96	Calmo	0	Calmo	0	6	10	1°640	Cloudy day. ● 11a.-1p. ● 2 from
3	29°43	29°40	52°0	57°2	51°2	64°6	0°7	2°5	369	395	95	84	WSW	2	SSW	2	10	1	°010	● 2 till 9a. T 0 4.30p.
4	29°56	29°52	59°5	49°3	48°7	65°2	3°2	0°4	410	341	81	97	SW	1	Calmo	0	6	2	—	Fine day.
5	29°51	29°49	56°0	54°1	44°0	64°9	1°9	2°4	394	396	88	84	Calmo	0	Calmo	0	7	10	°070	Fine day. ● showers from 9p.
6	29°83	29°91	62°5	52°6	52°4	65°7	3°8	0°1	440	395	78	100	SW	1	Calmo	0	5	0	—	● showers till 5.30a. Cloudy day.
7	29°04	29°11	57°5	52°4	46°0	68°0	0°3	0°1	464	391	97	99	Calmo	0	Calmo	0	10	0	—	Fine day.
8	29°12	29°03	54°6	52°9	47°3	62°2	0°1	0°1	425	398	100	100	Calmo	0	Calmo	0	10	10	—	Fine from 9.30a. ~~~~ from 7.30p.
9	29°93	29°86	57°5	50°8	46°3	61°2	2°9	0°3	389	365	82	98	NNE	1	Calmo	0	2	10	—	~~~~ till 6a. Fine day.
10	29°87	29°87	57°3	54°9	50°2	59°2	1°9	1°5	413	368	87	91	E	1	ENE	1	9	10	—	Dull and overcast all day.
11	29°80	29°79	53°2	50°2	49°9	55°6	1°5	1°8	363	317	90	88	NE	1	Calmo	0	10	10	°080	● 10.30a.-6.30p.
12	29°69	29°81	51°6	48°8	39°9	57°8	2°1	1°0	328	321	86	93	SW	1	Calmo	0	7	6	°015	Cloudy, with ● showers.
13	29°99	29°81	49°3	53°0	37°4	54°2	4°1	2°3	256	340	72	84	Calmo	0	W	1	3	9	°020	Cloudy day.
14	29°72	29°79	51°3	53°4	51°9	59°2	1°7	1°8	374	358	88	83	W	1	Calmo	0	9	8	°005	● 1a.-4a. Cloudy day.
15	29°68	29°52	53°3	53°0	50°7	59°1	0°5	1°4	393	363	97	90	WSW	2	WSW	2	9	7	°080	Cloudy day. ● showers from 7p.
16	29°51	29°70	55°5	48°6	48°0	60°1	3°6	2°1	343	292	77	86	W	2	W	1	6	2	°070	Fine day. ● 11a.-noon. Clear n.
17	29°88	29°06	51°5	43°1	42°4	57°3	3°7	1°0	289	256	76	92	W	1	Calmo	0	2	1	—	Bright a. Cloudy p. Clear n.
18	29°14	29°14	52°6	52°2	37°9	59°9	3°9	1°9	297	340	75	87	Calmo	0	Calmo	0	2	8	—	Fine day.
19	29°17	29°09	58°2	52°5	39°7	61°9	5°1	0°9	343	370	71	93	Calmo	0	Calmo	0	5	4	°025	Fine day.
20	29°98	29°92	56°4	57°2	52°0	59°5	2°4	1°5	385	423	85	90	S	1	Calmo	0	10	10	—	● 4a.-8a. Overcast day.
21	29°90	29°82	60°2	60°0	55°5	65°4	1°4	4°3	476	419	92	76	Calmo	0	S	2	8	8	°045	Cloudy day. ● 11p.
22	29°72	29°73	62°7	60°6	57°7	67°8	2°8	2°2	475	458	83	86	S	1	Calmo	0	8	10	°140	Cloudy a. ● 2 noon-6.30p.
23	29°56	29°61	62°7	47°8	47°3	63°2	2°9	0°7	472	314	83	95	SSE	1	W	1	5	6	°410	Fine day.
24	29°89	29°07	58°7	45°4	39°4	63°3	5°0	0°1	352	302	71	99	Calmo	0	Calmo	0	2	1	—	Cloudy day.
25	29°32	29°29	58°6	52°2	42°9	65°0	3°4	0°3	391	382	79	98	Calmo	0	Calmo	0	7	9	—	Fine day. ~~~~ p.
26	29°31	29°30	59°5	45°2	41°9	64°0	3°1	0°2	413	301	81	98	Calmo	0	Calmo	0	3	0	—	~~~~ a. Fine day.
27	29°32	29°32	56°9	44°5	37°4	65°9	3°0	0°0	375	294	81	100	Calmo	0	Calmo	0	5	4	—	Fine till 1.30p., then dull.
28	29°35	29°31	53°4	57°8	37°6	61°0	1°5	0°4	366	467	90	97	Calmo	0	Calmo	0	2	10	—	Fine day.
29	29°32	29°09	54°0	54°3	44°5	57°8	2°4	1°4	350	382	84	90	NE	1	NE	1	6	10	°015	● early a. Dull day.
30	29°98	29°88	55°1	54°9	52°0	58°8	1°6	1°8	388	379	89	89	NE	1	NE	2	10	9	°005	
Mean	29°82	29°82	56°5	52°8	46°5	62°0	2°6	1°3	387	368	84°0	91°7	0°7		0°5	6°4	6°5	2°635		

BIRR CASTLE.—SEPTEMBER 1902.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar., -2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 inches.
Long. 7° 55' W. Lat. 53° 6' N. Gravity Correction, +021 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.	
							Dep. of Wet.		Vapour Pressure.		Percentage.								
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.		
1	29° 53	29° 38	59° 7	61° 0	53° 4	66° 8	3° 5	3° 4	4° 05	4° 47	79	80	NE	1	E	5	8	10	● showers.
2	29° 40	29° 30	61° 7	58° 7	53° 8	69° 2	4° 0	4° 0	4° 22	3° 76	77	76	SW	3	SE	1	7	9	760
3	29° 14	29° 34	55° 7	54° 0	50° 2	64° 6	2° 9	1° 9	4° 19	3° 93	95	87	W	2	NE	3	8	2	095
4	29° 54	29° 80	57° 4	56° 2	49° 0	64° 1	0° 2	0° 9	4° 06	3° 70	86	82	W	1	NW	1	8	9	016
5	29° 88	29° 86	60° 0	56° 3	50° 5	65° 3	4° 4	1° 3	3° 85	4° 15	74	91	NW	1	SE	1	4	10	034
6	29° 75	29° 85	60° 5	56° 6	53° 9	66° 9	2° 5	0° 9	4° 46	4° 32	85	94	ESE	1	SE	1	8	4	—
7	30° 02	30° 06	56° 7	55° 7	54° 7	66° 9	0° 8	0° 7	4° 36	4° 43	95	95	SW	1	SW	1	10	2	130
8	30° 07	29° 07	51° 4	55° 9	45° 1	65° 9	0° 4	1° 4	3° 69	4° 07	97	92	NW	1	SW	1	8	2	—
9	29° 88	29° 80	57° 2	53° 7	61° 4	64° 1	2° 2	1° 7	4° 03	3° 99	86	89	N	2	SW	1	3	5	—
10	29° 80	29° 81	57° 1	54° 7	52° 7	60° 7	2° 0	1° 8	4° 07	3° 77	87	88	E	2	SE	3	10	10	—
11	29° 77	29° 75	52° 1	45° 3	43° 5	57° 2	1° 7	1° 2	3° 44	2° 74	88	91	E	2	SE	2	10	5	—
12	29° 70	29° 83	53° 2	46° 7	39° 8	56° 0	2° 6	2° 3	3° 35	2° 66	83	84	SW	3	WNW	2	10	0	—
13	29° 98	29° 82	48° 2	54° 0	33° 1	56° 2	2° 8	2° 2	2° 70	3° 55	81	85	SE	1	SE	1	5	9	—
14	29° 74	29° 78	55° 7	52° 7	51° 8	60° 4	3° 0	1° 5	3° 61	3° 56	81	89	W	3	SW	1	10	10	015
15	29° 66	29° 52	55° 7	51° 8	49° 4	58° 5	2° 9	1° 7	3° 64	3° 41	82	88	W	4	WSW	2	7	7	180
16	29° 54	29° 71	56° 3	48° 7	45° 5	60° 2	4° 4	2° 8	3° 34	2° 77	73	81	W	6	Calm	0	5	0	035
17	29° 88	29° 03	53° 2	42° 4	40° 3	58° 2	4° 7	0° 9	2° 86	2° 52	71	93	NW	2	W	1	3	4	—
18	29° 09	29° 08	53° 3	47° 0	34° 6	62° 7	2° 9	2° 1	3° 48	2° 23	80	85	SW	1	W	2	4	0	—
19	30° 09	30° 01	55° 0	53° 2	40° 9	60° 9	2° 7	2° 9	3° 57	3° 28	83	81	E	4	SE	2	2	10	012
20	29° 87	29° 82	56° 7	58° 2	52° 1	60° 6	2° 4	1° 3	3° 89	4° 45	85	91	SE	4	SE	3	10	10	040
21	29° 80	29° 71	63° 2	60° 7	57° 9	66° 7	2° 3	1° 6	3° 00	4° 77	86	91	SW	3	SW	2	10	10	035
22	29° 62	29° 64	64° 0	59° 6	57° 0	67° 5	4° 6	1° 8	4° 43	4° 53	74	89	SE	5	SE	1	5	10	183
23	29° 48	29° 64	61° 2	44° 7	44° 3	61° 8	1° 6	0° 5	4° 87	2° 84	91	96	SE	2	E	1	8	0	010
24	29° 84	29° 03	53° 7	51° 3	37° 7	63° 2	1° 6	1° 3	3° 67	3° 44	89	91	Calm	0	SSE	1	2	7	—
25	30° 17	30° 22	56° 8	54° 1	46° 4	63° 6	2° 3	0° 9	3° 94	3° 93	85	93	SSE	1	SE	1	4	10	—
26	29° 26	29° 25	56° 7	51° 9	47° 2	65° 2	2° 1	1° 2	3° 98	3° 54	87	92	Calm	0	E	1	3	3	—
27	29° 27	29° 28	52° 3	49° 9	45° 7	65° 1	1° 6	1° 0	3° 49	3° 33	89	93	Calm	0	Calm	0	2	3	—
28	29° 30	29° 29	44° 5	49° 6	37° 6	64° 2	0° 4	0° 8	2° 83	3° 35	97	95	Calm	0	E	1	8	2	—
29	30° 19	30° 07	49° 9	50° 2	46° 9	60° 4	0° 9	1° 9	3° 35	3° 35	94	87	E	1	NE	1	10	10	—
30	29° 97	29° 85	55° 0	55° 1	49° 7	59° 2	1° 6	2° 1	3° 86	3° 74	89	86	ENE	1	NE	1	8	9	010
Mean	29° 84	29° 85	55° 8	53° 1	47° 3	62° 7	2° 4	1° 7	3° 80	3° 61	85° 0	88° 5	1° 9		1° 5	6° 7	6° 1	1° 565	

LAUDALE.—OCTOBER 1902.

Height above Mean Sea Level, 14 feet. Heights above Ground:—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 41' W. Lat. 56° 41' N. Gravity Correction, +.031 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.		
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
1	ins.	ins.	56°6	54°2	46°0	59°0	2°6	0°2	in.	in.	%	%	SE 2	SE 2	7	2	ins.	Fair and seasonable.
2	30°12	30°17	56°6	54°2	46°0	59°0	2°6	0°2	383	415	83	99	ESE 2	E 3	2	0	—	Fine, dry, and cold.
3	28	33	50°0	47°8	44°0	56°0	2°1	3°5	307	252	85	76	Calm 0	Calm 0	2	0	—	Fine and frosty.
4	35	31	42°8	39°0	35°7	54°3	1°2	1°0	249	218	91	92	Calm 0	N 1	0	0	—	2 a. Bright, clear, and cold.
5	32	25	37°5	40°4	32°6	57°0	0°5	0°4	214	242	95	97	E 2	E 1	9	0	—	Fine day.
6	21	30°15	50°7	44°3	37°0	55°4	2°7	2°3	302	241	82	82	Calm 0	Calm 0	0	10	—	1 a. Clear a. Dull p.
7	30°03	29°96	48°7	48°5	36°0	54°7	1°0	2°5	319	280	93	82	Calm 0	Calm 0	8	2	—	Cloudy day.
8	29°94	29°94	47°0	43°0	29°9	55°3	2°4	1°0	266	255	83	92	Calm 0	Calm 0	8	6	—	Fine, clear, and frosty.
9	89	82	42°8	39°3	36°2	54°0	0°9	0°1	257	246	93	99	Calm 0	Calm 0	9	0	—	Fine, clear, and frosty.
10	68	65	36°7	39°3	31°0	54°3	0°7	0°5	205	231	94	96	Calm 0	Calm 0	1	0	—	2 a. showers.
11	73	88	37°5	46°5	32°6	54°0	1°3	0°5	199	304	89	96	NE 1	Calm 0	0	10	0°2	3 a. showers.
12	99	81	50°9	55°2	45°5	55°8	1°9	1°2	324	401	87	92	S 3	S 6	10	10	34	4 a. showers.
13	95	80	50°0	52°0	44°2	53°0	0°8	2°1	339	333	94	85	S 2	SW 2	10	10	15	5 a. showers. Earthquake shock 5.20p.
14	29°63	29°58	51°0	50°8	40°2	52°9	1°8	1°1	328	244	87	92	W 3	W 3	6	10	8°0	6 a. showers all day.
15	28°63	28°70	50°0	49°2	37°0	50°8	2°0	2°2	309	296	86	85	SW 7	SW 8	10	10	76	7 a. showers all day.
16	29°19	29°40	48°7	46°8	38°0	50°0	0°9	1°4	322	287	94	90	WNW 8	NW 6	10	10	1°02	8 a. showers.
17	66	61	44°2	40°1	33°2	55°7	1°2	0°1	263	246	91	99	NW 3	NE 2	8	7	54	9 a. Clear and frosty.
18	73	85	35°0	37°7	32°6	54°0	0°0	1°7	204	193	100	85	N 1	N 1	0	6	03	10 a. showers.
19	82	62	48°0	50°4	36°0	53°0	1°0	1°4	309	330	93	90	S 3	S 4	10	10	57	11 a. showers all day.
20	57	64	42°7	43°2	40°2	53°0	0°1	1°0	272	257	99	91	W 1	S 2	3	7	25	12 a. showers all day.
21	75	29°75	49°7	47°3	40°2	52°8	3°4	1°3	275	294	77	92	NW 3	NW 2	8	9	90	13 a. showers all day.
22	29°94	30°06	43°8	44°8	39°9	55°0	0°3	1°1	279	399	93	94	NNW 1	W 4	6	10	1°1	Dull, with showers.
23	30°10	14	57°0	57°0	54°0	58°3	2°7	1°2	385	428	83	92	W 4	W 5	10	10	0°9	Squally and warm, with showers.
24	08	25	56°0	48°5	47°0	57°5	1°0	0°5	419	328	93	96	W 6	NW 2	10	10	26	Stormy, with at intervals.
25	30°32	03	48°0	53°0	38°7	53°8	3°5	1°0	253	374	76	93	SSE 3	SW 5	8	10	82	Squally, with showers.
26	29°54	30°03	50°7	49°0	38°0	56°0	0°5	2°0	338	298	96	86	NW 2	NW 4	7	10	0°2	showers.
27	30°05	29°86	39°9	48°0	36°0	49°7	1°9	1°0	303	309	85	93	N 1	S 7	5	10	06	
28	29°50	87	53°0	55°3	47°7	55°4	0°0	1°3	403	399	100	91	Calm 0	SW 4	9	10	30	0 (mist) a. showers.
29	82	29°82	55°0	52°0	52°0	59°0	2°2	2°0	370	335	86	86	W 3	W 4	8	8	21	Squally, with showers.
30	96	30°08	48°9	47°0	44°0	52°6	1°0	1°8	322	280	93	87	WNW 4	WNW 3	9	9	50	showers.
31	29°85	29°86	54°0	55°0	46°0	56°0	2°0	1°0	360	403	86	93	W 6	W 6	10	10	68	showers.
Mean	29°869	29°875	47°4	47°6	39°4	54°5	1°4	1°3	299	301	89°8	90°9	2°3	2°8	6°3	7°0	8°43	

DUNDEE.—OCTOBER 1902.

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

1	30°01	30°05	49°6	49°3	48°2	53°7	0°9	1°1	'332	'393	94	92	SE	2	NE	1	10	10	'03	● till 10a, and from 8p.
2	'16	'20	50°8	45°4	44°2	54°1	4°0	1°8	'274	'262	75	87	SE	4	SE	2	5	10	'04	● n, and 7p.
3	'22	'16	48°6	41°6	39°5	55°7	4°1	1°3	'248	'236	72	90	SE	2	NW	1	5	0	—	Fine day.
4	'16	'11	40°4	46°8	32°2	54°0	1°6	2°2	'218	'268	87	84	SW	2	NE	1	5	10	'02	Cloudy day.
5	30°06	30°01	49°4	46°4	45°4	52°1	1°6	1°9	'312	'271	90	87	NE	4	NE	1	10	10	'06	● n, and till 11a.
6	29°88	29°81	46°8	44°3	40°9	50°8	1°2	1°3	'291	'261	91	90	NE	1	NE	2	10	10	'05	Dull a. ● showers 8p.
7	'77	'76	44°6	40°6	39°4	52°0	1°7	0°9	'256	'234	87	93	4	NE	1	10	7	'03	● showers n, and till 5p.	
8	'79	'82	42°9	41°3	36°6	52°0	1°1	0°7	'253	'245	91	95	SW	1	NE	1	10	10	—	Cloud and sunshine.
9	'79	'66	45°8	42°6	38°9	49°5	2°0	1°1	'264	'249	86	91	NE	1	NE	2	10	10	'02	Dull day. ● showers 11a.
10	'50	'49	45°6	43°6	36°2	49°8	2°6	3°0	'248	'220	81	78	NE	4	NE	4	10	10	—	Dull day.
11	'60	'63	41°4	39°8	32°6	52°2	2°0	3°3	'220	'239	85	98	SE	1	SE	1	10	0	—	Dull till 10a, then fine.
12	'90	'76	39°8	50°1	30°9	52°7	0°8	1°1	'228	'333	94	92	SW	1	SE	1	10	10	'08	● from 6p.
13	'83	'69	48°4	44°9	43°9	55°2	1°8	0°9	'295	'276	87	93	W	1	NW	1	10	10	'07	☁☁
14	29°50	29°45	48°2	46°6	42°1	54°3	1°0	1°6	'312	'280	93	89	W	2	W	2	10	5	'25	Cloudy day. ● n.
15	28°54	28°50	51°9	49°8	44°6	53°4	3°0	2°0	'311	'307	80	87	SW	10	SW	10	10	10	'08	● (gale) n, and during day.
16	28°86	29°10	50°2	48°6	47°0	52°5	4°5	4°6	'257	'238	71	69	NW	6	NW	6	7	10	—	Dull day.
17	29°41	'45	46°1	42°6	42°0	52°6	3°1	1°7	'243	'337	78	87	NW	4	NW	2	7	10	—	Fine day.
18	'62	'71	42°0	37°0	36°0	48°3	1°7	1°7	'231	'187	87	85	NW	1	NE	1	10	10	—	Dull till 2p.
19	'69	'53	39°4	46°4	30°1	48°1	1°2	0°8	'218	'296	91	94	SW	1	SW	1	10	10	'10	Dull p. ● 8p.
20	'39	'48	45°9	39°2	37°4	50°7	0°6	0°9	'295	'222	96	92	SW	1	NW	1	10	0	'08	● 7p.-11p.
21	'61	'65	42°5	44°2	35°4	51°3	1°5	1°3	'239	'261	88	90	NW	1	SW	4	5	5	'22	Cloud and sunshine.
22	'76	'96	43°0	47°6	39°7	52°7	0°9	2°1	'257	'280	93	86	SW	1	NW	2	5	5	—	Cloudy day.
23	'97	29°97	53°3	54°2	41°7	55°0	2°3	2°7	'343	'345	84	82	SW	6	W	3	10	10	—	Dull, with (gale).
24	29°97	30°08	53°3	47°1	46°0	56°7	1°9	1°0	'354	'300	87	93	SW	8	SW	1	5	10	'02	✓ till 3p., then ● showers.
25	30°26	30°02	41°3	48°2	35°2	50°9	1°0	0°7	'239	'320	92	96	SE	1	SE	1	10	10	'11	Dull day. ● showers 4p.-8p.
26	29°48	29°79	49°5	49°8	48°1	53°4	1°6	2°8	'314	'288	89	81	SW	6	NW	4	10	10	'12	● n, and till noon.
27	'92	'82	42°4	46°8	40°5	55°5	1°2	1°2	'245	'291	91	91	W	1	SW	1	5	10	'01	● 8a.
28	'78	'78	48°5	50°8	44°4	54°1	1°0	2°0	'316	'321	93	87	SW	1	SW	2	10	10	—	Dull day.
29	'69	'65	54°5	49°8	48°8	56°4	1°8	1°1	'374	'330	88	92	SW	2	SW	2	10	10	—	Dull day.
30	'75	'92	45°5	42°9	41°8	53°4	2°6	2°9	'247	'216	81	79	NW	2	NW	2	0	7	'08	Fine day.
31	29°68	29°61	47°8	54°5	39°0	57°6	1°9	2°6	'286	'352	86	82	SW	6	SW	4	10	10	'01	● n, and 7a.-10a.
Mean	29°737	29°729	46°4	45°9	40°3	52°9	1°9	1°7	'275	'274	86°7	88°1	2°8		2°4	8°4	8°4	1°49		

GLASGOW.—OCTOBER 1902.

Height above Mean Sea Level, 180 feet. Heights above Ground:—Bar., 4 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 4° 18' W. Lat. 55° 53' N. Gravity Correction, +0.029 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.					
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.									
1	ins.	ins.	51.3	50.2	49.5	54.4	2.8	1.8	30.8	31.7	81	88	E	1	NE	1	10	10	ins.	Dull and overcast.	
2	30.06	30.10	51.6	49.7	44.7	44.4	53.1	3.5	2.0	27.2	25.1	76	86	NE	2	E	1	4	7	—	Fine day.
3	30.17	30.13	46.1	42.6	41.9	49.5	3.9	2.7	28.8	21.7	73	80	E	1	E	1	8	8	☁	Cloudy days.	
4	30.17	30.13	46.1	42.6	41.9	49.5	3.9	2.7	28.8	21.7	73	80	E	1	E	1	8	8	☁	Cloudy days.	
5	30.08	30.08	47.9	47.9	47.9	47.9	8.9	7.8	31.0	33.3	94	81	E	1	NE	1	10	10	☁	☁ a. Dull day.	
6	29.82	29.77	48.0	45.0	45.4	50.6	3.0	2.7	29.2	24.0	70	81	NE	1	E	1	10	9	—	Dull and threatening.	
7	74	75	40.2	43.8	50.4	3.4	2.1	23.8	23.9	77	84	NE	1	Calmo	0	6	4	—	—	☁	Cloudy day.
8	76	77	39.0	45.7	36.3	51.2	0.6	2.0	22.6	26.2	95	86	Calmo	0	E	1	5	10	—	☁ a. Cloudy day.	
9	74	62	45.7	40.1	42.8	50.3	1.9	2.1	26.5	26.4	87	85	NE	1	NE	1	4	10	—	Fine a., then dull.	
10	44	45	44.9	48.0	39.3	50.8	3.9	4.0	28.5	24.3	72	73	NE	1	E	1	9	10	—	Dull and cloudy.	
11	57	73	40.2	42.9	37.1	52.4	2.0	1.8	20.9	23.7	85	86	Calmo	0	Calmo	0	6	4	—	☁ a. and n. Fine afternoon.	
12	88	71	42.1	52.1	55.0	1.5	1.0	23.6	36.3	88	93	Calmo	0	SW	2	7	10	☁	☁ (mist) a. Dull day.		
13	82	67	48.9	49.3	46.9	54.8	1.9	1.3	29.9	31.8	87	91	Calmo	0	SW	1	9	10	☁	Dull, with ☁.	
14	29.50	29.44	50.1	48.6	48.3	54.3	1.1	1.7	33.3	30.2	88	88	SW	1	SW	1	10	6	3.10	Cloudy, with ☁ showers.	
15	28.79	28.49	52.6	50.3	48.0	54.1	4.2	1.1	29.0	33.6	73	92	SW	3	SW	4	10	10	4.20	Overcast, Squally ☁.	
16	29.91	29.21	48.5	47.9	47.4	51.4	4.2	4.1	24.5	24.1	72	73	W	2	W	2	8	10	—	Cloudy, Squally ☁.	
17	44	43	46.9	45.1	43.2	52.2	3.8	2.1	23.6	25.2	75	84	W	1	Calmo	0	2	10	—	Fine and clear.	
18	59	70	41.1	41.1	37.5	49.4	1.2	1.4	23.2	22.8	90	89	Calmo	0	Calmo	0	8	5	—	☁. ☁ (mist).	
19	69	50	42.1	47.5	36.3	50.3	1.3	0.9	24.0	30.6	90	93	NE	1	S	1	10	8	☁	☁ (mist) a. ☁ showers p.	
20	40	51	46.1	43.9	43.9	51.9	1.7	1.9	27.3	24.5	88	85	W	1	SW	1	8	7	☁	☁ showers a. Cloudy day.	
21	63	65	45.2	47.4	41.5	49.8	1.9	2.1	25.8	27.7	86	85	SW	1	SW	1	6	9	2.43	Cloudy, with ☁ showers.	
22	29.78	29.96	45.9	49.5	43.3	52.9	2.7	0.8	24.9	33.3	81	94	Calmo	0	SW	1	3	10	0.10	☁ showers a. Fine day.	
23	30.02	30.04	53.1	53.9	49.2	55.8	2.2	3.2	34.4	32.0	84	79	SW	1	SW	3	9	9	—	Overcast day.	
24	30.10	30.10	53.9	48.0	48.0	55.2	3.0	2.2	33.4	28.1	80	85	SW	2	W	1	10	2	☁	Overcast, with ☁.	
25	30.21	29.95	43.4	51.8	39.2	52.0	1.2	2.0	25.5	33.3	91	87	E	1	S	1	10	9	3.36	☁ (mist) a. Dull and overcast.	
26	30.36	29.83	50.2	46.8	46.5	56.0	0.8	2.9	34.3	25.4	95	80	SW	2	W	2	10	1	—	Squally ☁. Cloudy day.	
27	89	79	39.3	47.9	39.0	49.6	0.7	2.6	22.7	27.1	95	82	Calmo	0	S	1	9	10	☁	☁ (mist) a. Dull day.	
28	77	79	51.9	51.6	46.3	54.9	0.9	1.7	36.2	33.8	94	88	SW	1	S	1	10	10	☁	☁ a. and n. Overcast day.	
29	67	68	56.1	50.9	50.3	56.3	2.0	1.3	39.3	34.0	87	91	SW	2	SW	2	10	10	☁	Overcast, with ☁ showers.	
30	80	94	48.1	42.6	42.6	51.1	2.7	2.0	27.1	23.1	81	85	W	1	SW	1	6	2	☁	☁ shower a. Fine day.	
31	29.76	29.70	47.9	53.9	41.1	55.0	1.5	3.4	20.6	32.4	90	78	SW	2	W	3	10	10	☁	☁ a. Dull and breezy.	
Mean	29.723	29.724	46.9	47.5	43.1	52.6	2.2	2.1	27.3	28.0	84.6	84.9	1.0	1.2	7.8	7.8	1.864				

COCKLE PARK (NEAR MORPETH).—OCTOBER 1902.

Height above Mean Sea Level, 324 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 41' W. Lat. 55° 13' N. Gravity Correction, +0.026 in.

1	29°76	29°83	52°0	46°0	45°0	57°0	2°2	2°0	335	265	86	86	NE	4	E	4	10	2	—	Dull a. Sunny p.
2	°91	°98	51°0	45°0	43°0	53°0	3°0	4°0	299	214	80	72	E	6	E	4	4	4	°068	Fine a. ☁ showers p.
3	°98	°94	48°0	44°0	42°0	51°0	3°0	1°0	263	265	79	92	NE	3	NE	1	10	6	°025	Fine day.
4	°90	°86	48°0	47°0	42°0	54°0	2°0	0°0	285	323	86	100	N	3	N	2	6	10	°055	Dull day. ☁ n.
5	°84	°78	50°0	48°0	42°0	52°0	4°0	2°0	265	285	74	86	E	4	E	4	8	10	°020	Dull day. ☁ n.
6	°64	°57	49°0	45°0	44°0	51°0	3°0	0°0	276	299	79	100	E	5	E	3	8	10	°050	Dull day. ☁ n.
7	°55	°57	47°0	40°0	39°0	53°0	2°0	1°0	275	226	86	92	NE	2	NW	2	10	5	°030	☁ showers.
8	°60	°64	44°0	41°0	36°0	52°0	1°0	1°0	265	235	92	92	NW	2	NW	1	1	4	°038	Very fine and sunny.
9	°44	°45	47°0	40°0	40°0	50°0	0°0	0°0	299	323	100	100	N	1	NW	2	10	10	°483	☁ early a. Dull day. ☁ n.
10	°21	°26	48°0	47°0	44°0	48°0	0°0	0°0	335	323	100	100	NE	3	NE	3	10	10	°892	☁ all day and n.
11	°37	°58	49°0	42°0	41°0	53°0	1°0	0°0	322	267	93	100	NE	2	NW	2	10	4	°020	Dull a.
12	°76	°69	52°0	50°0	40°0	55°0	5°0	1°0	266	334	69	93	SW	3	S	4	5	9	°020	Fine day. ☁ n.
13	°65	°54	54°0	47°0	46°0	59°0	3°0	1°0	334	298	80	93	W	4	W	2	6	9	°034	☁ showers. ☁ n.
14	29°35	29°35	52°0	45°0	44°0	57°0	2°0	1°0	335	275	86	92	W	5	S	1	6	4	°070	(gale) ☁ showers.
15	28°85	28°53	52°0	49°0	44°0	57°0	3°0	3°0	310	276	80	79	SW	7	SW	8	7	8	°010	Fine day. ☁ (gale).
16	28°77	28°97	50°0	45°0	44°0	53°0	4°0	2°0	265	253	74	85	W	9	W	9	2	8	°022	Fine day. ☁ showers n.
17	29°22	29°29	48°0	41°0	40°0	52°0	4°0	1°0	243	235	73	92	NW	5	W	4	4	8	°082	Fine day.
18	°36	°57	43°0	40°0	37°0	51°0	1°0	1°0	255	226	92	92	NW	3	W	1	6	8	—	Fine day.
19	°57	°51	48°0	46°0	35°0	50°0	3°0	2°0	263	265	79	86	W	3	S	2	6	10	—	Fair a.
20	°25	°35	46°0	39°0	37°0	54°0	0°0	1°0	311	218	100	92	SW	3	SW	3	9	1	°022	☁ showers.
21	°48	°50	47°0	43°0	37°0	53°0	3°0	1°0	253	255	79	92	SW	6	SW	3	1	3	°106	☁ showers. Sunny day.
22	°52	°86	47°0	43°0	39°0	52°0	2°0	2°0	275	234	86	84	NW	5	SW	4	7	3	—	Sunny day.
23	°90	°95	53°0	53°0	42°0	57°0	2°0	3°0	347	322	86	80	SW	4	SW	4	10	7	—	Dull day.
24	29°84	°89	54°0	54°0	49°0	57°0	3°0	1°0	334	388	80	93	W	9	SW	10	6	10	°022	Fine day. ☁ (gale).
25	30°08	°88	50°0	47°0	45°0	55°0	1°0	0°0	334	323	93	100	E	2	S	2	10	0	°036	Dull, with ☁ ⁰ . ☁ ⁰ (mist) n.
26	29°41	°59	51°0	49°0	45°0	52°0	3°0	2°0	299	298	80	86	SW	8	NW	3	9	10	°050	☁ showers.
27	°72	°70	47°0	42°0	41°0	50°0	2°0	1°0	275	245	86	92	NW	3	SW	3	10	3	°020	Dull day. ☁ ⁰ (mist) n.
28	°67	°68	50°0	50°0	41°0	59°0	2°0	1°0	309	334	86	93	SW	2	S	3	9	3	—	☁ ⁰ (mist) a. Dull day.
29	°59	°55	54°0	54°0	43°0	58°0	2°0	2°0	360	360	86	86	S	3	SW	4	10	9	°020	☁ ⁰ (mist) a. Dull day.
30	°63	°75	49°0	40°0	39°0	55°0	4°0	2°0	255	207	23	84	W	3	W	3	1	2	°060	Fine day.
31	29°66	29°57	45°0	54°0	36°0	54°0	1°0	3°0	275	334	92	80	SW	5	W	8	10	7	°060	Dull, with ☁.
Mean	29°569	29°586	49°1	45°9	41°4	53°7	2°3	1°4	294	281	84°4	90°1	4°1	3°5	7°1	6°4	2°315			

SCARBOROUGH.—OCTOBER 1902.

Height above Mean Sea Level, 62 feet. Heights above Ground:—Bar., 65 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 24' W. Lat. 54° 18' N. Gravity Correction, +0.025 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.		
							Dep. of Wet.		Vapour Pressure.		Percentage.									
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.				
	ins.	ins.	°	°	°	°	in.	in.	%	%							ins.			
1	29.92	29.96	53.5	51.0	49.0	56.5	2.5	3.0	34.2	29.8	82	79	E	2	E	4	10	6	.02	Fine day.
2	30.04	30.13	50.5	49.5	48.0	55.5	2.5	4.5	30.4	24.9	82	70	E	4	E	6	10	6	—	Dull day.
3	29.92	29.96	53.5	51.0	49.0	56.5	2.5	3.0	34.2	29.8	82	79	E	2	E	4	10	6	—	Dull day.
4	29.92	29.96	53.5	51.0	49.0	56.5	2.5	3.0	34.2	29.8	82	79	E	2	E	4	10	6	—	Dull day.
5	30.01	29.95	50.5	52.0	44.5	53.5	4.5	3.5	26.0	29.8	71	77	E	3	NE	4	10	6	.16	Dull day.
6	29.81	.73	49.0	45.0	45.0	52.0	1.0	1.0	32.2	30.9	92	92	E	4	E	3	10	10	.10	Dull, with squalls.
7	.72	.75	48.2	48.0	45.5	52.5	1.4	3.8	29.5	28.6	88	85	NE	2	NE	3	19	19	.10	Dull, with squalls.
8	.81	.83	48.8	40.5	41.5	58.0	3.3	1.7	26.6	27.6	77	87	NE	2	E	4	8	10	.08	Dull day.
9	.80	.63	49.5	51.0	40.0	53.5	1.5	0.5	31.6	36.1	89	96	SE	3	SE	3	10	10	.59	Dull day.
10	.38	.42	51.5	50.0	47.5	53.0	0.5	1.0	39.7	33.4	96	93	NE	6	NE	4	10	6	.16	Overcast, with squalls.
11	29.54	.74	51.5	47.0	46.0	52.0	2.5	1.0	31.6	29.8	82	92	ENE	3	N	3	10	6	.08	Very dull.
12	30.01	.99	50.5	50.0	38.0	57.5	1.5	2.0	32.9	30.9	89	86	SW	3	SW	4	6	8	.09	Fine day.
13	29.89	.76	53.5	56.0	48.0	60.5	2.0	1.8	35.5	39.6	86	86	SW	3	SW	3	6	10	.26	Very a. Overcast, with squalls.
14	.62	.61	50.5	49.0	49.0	57.0	1.0	1.5	34.0	30.9	93	89	W	2	W	2	8	10	.06	Squally all day, 12 noon.
15	.24	.01	51.0	51.0	46.0	57.5	1.5	2.0	33.5	32.2	89	86	SW	6	NW	4	10	4	.12	Dull and cloudy. (gale).
16	.06	.20	51.0	47.5	46.5	56.0	4.5	3.5	26.5	24.7	71	76	NW	7	NW	5	4	6	.06	(force 10) in past n.
17	.41	.51	46.5	44.5	42.0	53.0	2.5	2.0	25.8	24.8	81	84	E	1	NW	2	10	8	—	Dull and squally.
18	.59	.75	49.0	41.2	40.5	51.0	2.2	0.2	29.3	25.4	84	98	W	2	NE	1	2	8	—	Fine day.
19	.83	.72	45.0	47.5	38.5	51.5	3.0	1.0	23.3	30.4	78	92	S	3	SW	2	10	4	—	Fine day.
20	.51	.56	48.0	50.5	40.5	52.8	1.6	2.5	30.9	30.4	92	82	W	2	NW	2	8	—	—	Dull and overcast.
21	.75	29.84	45.5	45.5	38.5	54.5	0.5	0.0	24.8	26.9	81	85	W	4	W	4	4	6	.08	Very fine.
22	29.72	30.07	46.5	44.5	42.0	53.0	3.0	1.5	24.8	25.9	78	88	SW	2	N	4	10	6	—	Very fine.
23	30.19	.93	48.5	49.5	39.0	60.0	1.0	1.3	30.3	29.6	89	84	W	2	SW	2	2	6	—	—
24	.22	.17	50.0	54.0	47.0	61.5	2.5	3.5	29.8	32.4	82	77	NE	3	SW	4	10	8	.06	Fine a. Dull p.
25	30.23	30.19	50.0	50.0	49.0	58.0	1.0	0.5	33.4	34.8	93	96	SW	3	N	2	8	4	.04	Dull day.
26	29.79	29.73	50.2	51.5	46.5	53.0	1.5	3.0	32.4	30.4	89	80	N	2	SW	4	10	6	.12	Dull day.
27	.90	.93	50.0	49.0	46.5	54.8	1.2	2.0	32.9	29.7	92	85	SW	3	N	2	8	4	.04	Dull day.
28	.93	.98	47.5	51.5	39.0	52.5	2.0	2.0	28.0	32.8	85	86	SW	4	SW	3	10	8	.02	Dull day.
29	.90	.82	50.0	54.0	46.0	53.5	0.5	2.0	34.8	36.1	96	86	NW	3	NW	2	2	4	.02	Dull day.
30	.86	.94	50.0	45.5	45.0	56.0	3.0	2.5	28.6	24.8	79	81	NW	3	NW	3	10	2	—	Very fine.
31	29.99	29.82	43.0	50.5	39.5	54.0	2.0	1.0	23.4	34.0	84	93	NW	3	NW	4	6	3	.05	Very fine.
Mean	29.803	29.809	49.2	49.1	43.8	55.3	2.1	2.0	30.0	30.2	85.0	85.9	3.2		3.2	7.7	6.9	2.32		

STONYHURST.—OCTOBER 1902.

Height above Mean Sea Level, 375 feet. Heights above Ground:—Bar., —12 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 2° 28' W. Lat. 53° 51' N. Gravity Correction, +0.23 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.
							Dep.of Wet.											
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29.64	29.70	52.0	48.0	48.0	55.9	2.5	3.7	.323	.249	83	75	NE	NE by E 2	8	2	—	Fine day.
2	29.78	29.89	52.0	43.0	42.9	53.7	4.8	2.0	.270	.234	70	84	ENE	NNE 1	9	0	.005	Sunny intervals.
3	29.89	29.87	46.0	39.0	39.0	49.9	2.8	2.0	.248	.199	80	84	NE by E 1	NE by N 1	9	0	.008	Sunny intervals.
4	29.84	29.77	47.0	47.0	36.2	52.9	1.7	1.0	.282	.298	88	93	NE	ENE 1	9	9	—	Fine and sunny.
5	29.72	29.64	49.0	47.6	45.5	52.6	4.0	1.9	.255	.284	73	87	NE	E by N 3	10	4	—	Fine day.
6	29.55	29.51	48.5	46.0	46.0	49.7	3.0	1.0	.270	.287	80	93	NE	Calm	10	10	—	Dull day.
7	29.48	29.53	47.0	45.0	45.0	49.9	2.0	2.0	.275	.253	86	85	NE	Calm	10	7	—	X ⁰ a. X ⁰ (sleet) p.
8	29.57	29.55	45.0	43.7	39.8	50.7	2.0	1.7	.253	.247	85	86	NNE	NNE 1	7	9	—	Sunny intervals.
9	29.51	29.33	47.0	45.9	42.5	49.5	1.7	0.5	.282	.298	88	97	NNE 2	NE by E 1	10	10	.765	☉ ² p.
10	29.11	29.12	47.5	47.2	45.8	49.2	0.5	0.3	.316	.312	96	98	ENE	NE 2	10	10	.370	☉ ² a. ☉ ² p.
11	29.31	29.56	49.3	43.0	43.0	50.9	1.5	1.0	.313	.255	90	92	ENE	Calm	10	0	—	Dull day.
12	29.79	29.75	41.0	51.0	36.5	53.7	1.0	0.3	.235	.366	92	98	Calm	S 3	5	10	.515	Sunny a. ☉ ² p.
13	29.67	29.54	55.0	53.7	50.6	56.1	0.0	0.0	.433	.444	100	100	SW by W 1	SW by W 1	10	10	.453	☉ ² ☉ ² ☉ ² (mist).
14	29.41	29.42	51.5	47.7	47.2	53.7	0.2	0.7	.375	.313	98	95	W by S 2	W by S 1	10	8	.280	☉ ² showers a. ☐ p.
15	28.99	28.79	49.2	51.3	45.9	55.0	0.2	4.3	.345	.273	99	72	SW	SW 5	10	10	.599	Squally ☉ ² .
16	28.95	29.13	48.7	45.0	45.0	51.4	3.0	1.2	.272	.271	80	91	W 6	NW by W 4	10	10	.150	Squally ☉ ² ☉ ² showers.
17	29.27	29.32	48.3	44.3	44.3	51.7	3.0	1.3	.268	.261	79	90	NW by W 4	WSW 1	7	10	.140	Sunny a. ☉ ² showers p.
18	29.34	29.55	44.7	42.3	42.1	51.6	2.0	1.6	.251	.236	86	88	NNE	Calm	0	5	—	Fine, sunny, and warm.
19	29.59	29.44	43.0	47.2	39.5	49.7	1.0	1.2	.255	.295	92	92	Calm	S by W 1	5	10	.200	☉ ² (mist) all day.
20	29.21	29.39	48.8	43.0	43.0	52.9	0.3	1.0	.339	.255	98	92	S	Calm	0	4	.090	☉ ² ☉ ² (mist) a.
21	29.62	29.64	48.0	44.0	41.3	51.0	3.7	1.0	.249	.265	75	92	W 3	WSW 1	10	10	.518	☉ ² ☉ ² showers p.
22	29.53	29.90	49.6	46.7	42.8	52.2	1.3	0.7	.322	.302	91	95	NW by W 3	Calm	0	9	.045	☉ ² n. Sunny day.
23	29.99	30.03	52.3	52.0	46.7	55.7	0.3	1.0	.384	.361	98	93	WSW 2	WSW 1	10	10	—	Dull day. ☉ ² (mist) p.
24	30.03	29.98	52.8	52.8	50.8	54.9	2.8	0.8	.325	.377	81	94	SW by W 1	WSW 2	10	10	.315	Dull day. ☉ ² p.
25	30.03	29.92	52.8	47.7	47.4	54.2	0.1	0.7	.398	.313	99	95	WSW 1	Calm	0	4	.180	☉ ² ☉ ² (mist) a.
26	29.56	29.60	50.0	51.0	47.0	52.3	0.9	1.8	.337	.328	94	87	SW 3	NW by W 4	9	4	.080	Squally ☉ ² .
27	29.72	29.71	43.5	43.8	39.5	51.7	0.5	0.4	.271	.276	96	97	Calm	Calm	0	9	.090	Fine and sunny.
28	29.67	29.71	47.7	51.5	43.8	53.2	0.4	0.5	.321	.367	97	96	Calm	Calm	0	10	.025	☉ ² ☉ ² (mist) a. Dull day.
29	29.64	29.59	50.8	52.0	50.8	53.7	0.2	0.2	.367	.383	98	99	S by W 1	Calm	0	10	.160	☉ ² ☉ ² (mist) a. Dull day.
30	29.68	29.79	49.0	45.2	44.7	52.5	2.7	2.4	.283	.247	81	83	NW by W 2	W 1	6	0	—	Sunny day.
31	29.76	29.67	47.0	51.6	40.8	51.6	2.6	0.2	.262	.377	82	99	W by S 3	W by S 2	10	10	.140	Dull day. ☉ ² p.
Mean	29.575	29.595	48.5	47.1	44.0	52.4	1.7	1.2	.303	.297	88.2	91.0	1.8	1.3	8.9	7.0	5.121	

HILLINGTON.—OCTOBER 1902.

Height above Mean Sea Level, 88 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 3 feet 6 inches.
Long. 0° 33' E. Lat. 52° 48' N. Gravity Correction, +0.21 in.

1	29.82	29.85	54.8	51.1	45.2	59.4	4.9	2.4	3.02	3.13	70	83	NE 5	NE 3	6	10	0.6	— p. Fine orange sunset.
2	29.96	30.07	52.1	42.0	41.7	55.5	4.5	1.3	2.77	2.98	72	89	NE 4	NE 1	9	0	0.8	— showers.
3	30.09	30.07	48.0	37.8	35.9	55.5	6.3	2.0	2.77	2.88	60	83	NE 5	Calm	0	2	—	Beautiful day. Fine yellow sunset.
4	30.07	30.00	47.8	47.3	31.9	52.4	4.3	3.5	2.36	2.45	71	76	NE 2	NE 2	7	10	—	Sun and cloud.
5	29.92	29.84	49.7	50.1	46.0	52.3	3.6	4.2	2.70	2.62	75	72	ENE 4	E 2	10	10	1.1	Sunless and windy.
6	73	70	48.1	47.7	47.0	50.7	0.4	0.2	3.27	3.27	97	99	Calm	Calm	10	10	0.3	— early a. Fair p.
7	68	75	50.1	47.0	46.2	52.4	0.3	0.4	3.55	3.12	98	97	Calm	Calm	10	10	0.4	— a. and p.
8	80	83	49.1	45.9	35.0	56.3	2.2	1.3	2.94	2.79	85	90	Calm	NE 1	5	0	—	Pleasant day. D ⁰ p. X ⁰ sp.
9	77	50	51.4	51.7	42.1	54.2	1.7	1.0	3.35	3.57	88	93	ENE 2	NE 2	10	10	2.3	Very cloudy. X ⁰ most of afternoon.
10	35	44	56.6	55.2	51.1	65.4	0.9	1.0	4.31	4.06	93	93	SW 2	SW 1	10	10	0.5	— X ⁰ a. Delightful day. X ⁰ p.
11	29.50	29.73	53.6	50.1	48.0	56.1	0.2	0.5	4.06	3.49	99	96	E 1	NE 1	10	10	0.8	— X ⁰ a. showers p.
12	30.04	30.13	52.1	45.8	44.1	58.9	2.2	1.0	3.31	2.85	85	92	N 1	NW 1	4	10	0.8	Very fine. Much cir. a.
13	30.03	29.89	54.1	58.1	44.1	58.9	0.4	1.4	4.07	4.39	97	90	SW 1	SW 4	10	10	0.35	— a. and p.
14	29.69	29.73	51.2	43.0	43.0	59.5	0.6	0.4	3.61	2.68	96	97	NW 1	Calm	10	0	0.6	— in afternoon. X ⁰ 1.30 p. (once).
15	29.54	29.59	53.0	50.0	42.4	58.0	2.1	1.1	3.45	3.31	85	92	SW 5	NW 3	7	10	0.35	— X ⁰ most of day.
16	25	40	51.0	42.0	42.0	54.4	3.2	1.0	2.94	2.45	78	92	W 4	NW 5	5	3	—	Very fine. X ⁰ in afternoon.
17	44	60	46.5	43.9	41.8	54.4	1.8	1.0	2.74	2.64	87	92	NW 4	NW 1	10	10	0.07	Dull a. Fine later.
18	60	78	45.2	39.8	37.5	52.6	0.5	1.1	2.89	2.23	96	91	N 1	Calm	10	1	0.07	— X ⁰ a. D ⁰ n.
19	94	81	38.0	45.1	29.6	51.5	0.4	1.4	2.21	2.67	96	89	Calm	SW 1	9	10	0.06	— D ⁰ n. Sunny 11a.-2p.
20	61	70	49.0	49.0	44.2	55.4	0.4	3.4	3.38	2.67	97	77	SW 2	W 1	10	10	0.07	— X ⁰ early and p. 11a.-1p.
21	85	29.98	46.2	39.0	37.2	54.3	1.7	0.8	2.73	2.21	87	73	W 2	Calm	0	2	0.20	— X ⁰ a. Beautiful day. D ⁰ p.
22	29.80	30.15	46.1	46.1	34.9	54.4	0.4	1.3	3.02	2.81	97	90	Calm	N 2	10	0	0.02	— till 10a. Cloudy day. D ⁰ p.
23	30.30	30.36	42.1	47.9	35.3	54.0	0.4	0.2	2.59	3.29	97	99	Calm	Calm	10	10	—	Very dull and damp. X ⁰ p.
24	38	34	51.1	51.2	47.0	54.2	2.5	1.7	3.11	3.33	82	88	Calm	W 2	10	10	—	Cloudy all day.
25	30.26	30.26	52.0	50.0	48.9	58.0	1.1	0.3	3.58	3.53	92	98	W 1	Calm	10	0	0.05	Warm and sunless. D ⁰ p.
26	30.00	29.86	47.1	51.0	45.1	54.5	0.3	1.8	3.17	3.28	98	88	S 2	SW 2	10	10	0.16	— X ⁰ 7a.-11.30a. X ⁰ n.
27	29.89	30.00	50.0	44.1	43.5	53.0	0.7	0.4	3.43	2.79	95	97	NW 1	NW 1	10	2	0.02	Sunless and mild.
28	30.05	30.11	46.8	45.0	41.8	56.6	0.2	0.5	3.16	2.87	99	96	SW 1	Calm	10	0	—	Cloudy day.
29	30.08	29.94	48.5	48.5	42.2	56.7	0.8	1.6	3.21	3.01	94	88	SW 2	SW 1	6	10	—	Beautiful day.
30	29.89	29.99	51.6	46.8	39.0	56.9	0.7	0.6	3.64	3.05	95	95	NW 2	Calm	10	0	—	Beautiful day.
31	30.09	29.96	42.0	48.0	36.0	51.5	1.1	0.7	2.43	3.17	91	94	SW 2	SW 1	6	10	—	Beautiful day.
Mean	29.853	29.873	49.2	47.1	41.6	55.4	1.6	1.3	3.13	2.97	88.8	90.6	1.8	1.2	8.3 6.4 2.19			

CHURCHSTOKE.—OCTOBER 1902.

Height above Mean Sea Level, 538 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5' W. Lat. 52° 31' N. Gravity Correction, +0.18 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.			9 a.m.	9 p.m.
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
	ins.	ins.							in.	in.	%	%					ins.	
1	29.39	29.43	49.9	47.6	46.2	58.1	1.3	2.9	3.25	2.62	91	79	ENE 2	NE 4	10	10	—	
2	49	63	47.5	42.6	41.0	52.7	1.0	0.9	3.04	2.53	92	93	NE 3	NE 1	10	6	—	
3	63	60	42.7	40.1	38.8	48.0	0.9	1.4	2.54	2.19	93	88	E 4	NE 1	10	9	—	
4	57	52	44.0	43.6	40.1	47.1	2.7	1.4	2.30	2.52	80	88	E 3	E 3	10	8	0.20	
5	44	39	45.1	47.2	43.6	49.1	0.5	2.5	2.88	2.66	96	81	N 2	N 2	10	10	—	
6	39	26	47.5	46.2	45.2	48.3	2.4	0.5	2.72	3.01	82	96	E 1	E 1	10	10	0.20	
7	26	26	47.0	47.2	44.3	50.2	0.8	1.5	3.03	2.88	94	88	E 1	E 1	10	10	—	
8	33	31	46.1	40.6	39.6	50.6	1.5	0.9	2.76	2.36	88	93	E 1	E 1	10	3	—	
9	29.23	29.07	47.7	45.6	39.8	48.1	1.0	0.7	3.06	2.89	92	94	ESE 2	ESE 2	10	10	1.130	
10	28.86	28.89	48.2	50.7	44.8	51.6	0.4	0.0	3.38	3.70	97	100	E 1	SE 1	10	2	0.60	
11	29.10	29.39	49.2	44.6	44.6	52.1	0.4	0.9	3.40	2.74	97	93	NE 1	W 2	10	4	—	
12	60	60	45.9	52.2	34.6	57.0	0.8	1.4	2.90	3.53	94	90	NW 1	SSW 2	7	10	0.70	
13	50	38	57.8	52.7	52.2	61.5	1.0	0.9	4.47	3.73	93	93	SW 2	SW 1	10	10	0.680	
14	29.26	29.28	51.7	48.7	45.8	55.1	0.9	2.0	3.60	2.94	93	85	SW 1	SW 2	8	8	0.210	
15	28.85	28.74	54.6	49.7	48.1	57.0	4.3	4.0	3.13	2.62	72	73	SW 8	SW 5	10	2	1.10	
16	28.88	29.06	47.7	41.6	39.8	50.6	3.0	1.9	2.61	2.23	79	85	WNW 2	WNW 2	9	4	0.70	
17	29.19	29.10	46.6	44.8	41.2	52.0	2.5	1.1	2.60	2.21	81	91	NW 2	SW 2	8	10	1.120	
18	11	36	45.6	39.6	38.2	49.3	0.4	0.7	2.96	2.29	97	94	NE 1	W 1	10	5	—	
19	39	27	46.9	46.8	36.8	51.3	1.8	1.1	2.78	2.94	87	91	WNW 2	SW 2	8	8	0.30	
20	07	24	54.7	41.6	41.6	55.3	2.7	0.9	3.53	2.43	82	93	SW 2	W 1	10	9	0.30	
21	42	51	47.7	46.6	37.2	54.6	2.0	2.6	2.83	2.58	85	81	WNW 2	W 2	3	5	1.80	
22	46	72	49.1	46.6	43.9	56.1	1.8	0.9	3.03	2.96	87	93	NW 4	W 1	5	10	—	
23	85	92	53.7	52.6	46.6	59.1	1.9	2.8	3.60	3.23	87	81	WSW 1	W 2	10	10	—	
24	91	86	52.7	52.7	50.8	56.5	3.9	3.5	2.98	3.07	75	77	W 2	W 2	10	8	—	
25	88	74	53.6	44.8	43.9	55.6	2.8	2.1	3.35	2.50	81	83	W 1	SSW 1	10	8	0.90	
26	43	47	52.2	50.9	44.7	56.3	3.9	3.1	3.66	2.95	93	78	SW 2	SW 2	8	10	—	
27	53	52	48.7	40.6	40.2	54.6	2.5	0.3	2.83	2.46	82	97	WSW 2	W 1	4	6	0.020	
28	58	50	49.0	48.6	40.6	55.1	0.2	0.6	3.43	3.27	99	95	E 1	E 1	10	4	—	
29	46	43	50.9	52.0	46.4	56.5	1.1	1.8	3.44	3.40	93	88	SSW 1	W 1	10	10	0.30	
30	51	63	50.7	41.1	40.7	55.6	3.7	1.4	3.02	2.28	81	88	W 1	NW 1	2	2	—	
31	29.62	29.53	44.6	51.2	39.2	51.7	1.9	1.4	2.52	3.40	85	90	W 1	W 2	10	2	—	
Mean	29.386	29.407	49.0	46.5	42.6	53.4	1.7	1.6	3.08	2.83	88.0	88.4	1.9	1.7	8.7	7.2	2.880	

ST. DAVID'S, PEMBROKE.—OCTOBER 1902.

Height above Mean Sea Level, 215 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 16' W. Lat. 51° 53' N. Gravity Correction, +0.18 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.
							Dep. of Wet.		Vapour Pressure.		Percentage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	53.1	49.5	46.1	59.8	2.6	0.9	33.4	33.1	82	93	NE 5	NE 4	5	1	ins.	Sunny intervals.
2	29.71	29.74	52.7	42.7	41.8	58.3	2.4	1.2	33.4	24.8	84	90	NE 6	NE 6	4	1	—	Sunny intervals.
3	29.6	29.6	46.6	39.9	38.9	51.2	2.1	1.1	26.9	22.4	86	91	NE 5	NE 5	2	0	—	Sunny, cool, and breezy.
4	29.0	29.5	45.8	43.5	36.1	49.6	2.3	1.2	25.7	25.6	84	90	NE 6	NE 5	10	1	0.055	Cool wind.
5	29.80	29.72	45.3	47.7	41.3	50.2	0.0	1.2	30.3	30.2	100	92	ENE 4	ENE 4	10	10	0.018	all day.
6	29.65	29.61	49.5	47.5	45.1	54.7	1.2	0.0	32.3	32.9	91	100	NNE 3	NNE 3	10	10	0.002	Overcast and gloomy.
7	29.59	29.61	51.2	48.6	46.0	57.2	1.5	0.1	33.8	34.1	90	100	NE 1	ENE 2	10	10	—	Cloudy day.
8	29.63	29.60	49.5	49.0	48.0	57.3	0.9	1.5	33.1	31.0	93	90	E 4	ESE 5	9	10	0.004	Sunny intervals.
9	29.48	29.48	48.5	53.5	47.2	55.3	0.1	0.0	33.8	41.1	99	100	NE 4	ENE 5	10	10	0.965	all day.
10	29.14	29.20	50.5	53.1	48.1	56.8	0.0	0.0	36.8	40.5	100	100	NE 4	ENE 3	10	10	0.078	till 6a. from 10a.
11	29.46	29.76	51.5	48.5	47.7	59.9	0.0	1.0	38.1	31.6	100	93	N 5	N 3	10	1	0.010	showers
12	29.94	29.90	50.5	55.5	47.2	58.1	0.0	0.0	36.8	44.1	100	100	SE 1	SSW 6	10	10	0.475	(mist) a. from 4p.
13	29.85	29.72	50.5	54.7	54.1	57.5	0.0	0.0	45.7	42.9	100	100	SW 6	Calm 0	10	10	0.630	showers.
14	29.69	29.66	51.5	53.7	51.0	56.4	0.0	2.0	38.1	35.7	100	87	W 6	WSW 6	4	10	0.130	Bright and sunny.
15	29.25	29.19	52.5	52.5	50.8	57.1	1.0	3.3	36.8	30.9	93	78	SW 8	W 7	10	5	0.012	till 8a. Squally p. Sunny p.
16	29.38	29.55	49.6	49.5	48.2	53.1	3.9	3.2	26.4	27.7	74	78	NW 6	NW 6	6	8	0.006	Squally p. showers 2p-5p.
17	29.63	29.38	48.7	52.0	46.4	53.8	4.6	0.5	23.9	37.5	70	97	NW 5	SSW 5	5	10	0.168	(gale) a. Sunny intervals.
18	29.47	29.70	53.5	46.7	46.2	55.8	2.0	1.4	35.4	28.6	87	90	NW 6	NNW 2	9	5	0.004	Overcast and gloomy.
19	29.73	29.61	49.4	52.3	43.0	55.4	0.9	2.0	33.0	33.9	94	86	E 3	SW 5	10	6	0.070	Sunny intervals p.
20	29.49	29.64	52.4	49.5	48.1	55.2	1.4	3.5	35.5	27.0	90	76	WNW 4	NW 4	4	10	0.003	a. Sunny day.
21	29.84	29.89	50.7	51.3	48.0	55.3	3.3	3.7	28.8	28.7	78	76	WNW 3	WNW 4	4	5	0.008	showers 2a-6a and 4p.
22	29.90	29.12	52.3	54.5	50.6	55.4	3.1	1.2	31.2	39.0	79	92	NW 5	WNW 3	2	6	0.002	Overcast and gloomy.
23	29.23	29.23	53.5	53.8	52.8	57.3	0.7	4.5	41.0	29.7	95	72	WNW 3	WSW 3	10	10	0.001	Sunny p.
24	29.27	29.24	54.5	53.5	50.2	57.4	2.0	1.5	36.8	36.7	87	89	SW 4	SW 4	10	5	—	Overcast and gloomy.
25	29.30	29.06	53.7	53.3	52.2	57.1	1.7	1.8	36.4	35.7	88	88	WSW 3	SW 5	10	10	0.152	Sunny day.
26	29.87	29.93	52.6	52.1	51.2	56.2	2.1	3.6	34.0	29.8	86	76	WNW 5	NW 4	1	10	0.004	Sunny p.
27	29.93	29.86	50.0	52.8	48.0	53.3	1.9	1.3	31.2	36.4	87	91	NW 3	SW 4	9	10	0.072	showers a. Sunny p.
28	29.83	29.86	53.5	54.0	51.2	56.1	0.1	0.3	40.7	40.9	99	98	WNW 3	WNW 1	5	10	0.108	showers a. Sunny p.
29	29.81	29.79	54.5	54.3	54.0	57.6	0.0	0.8	42.6	39.9	100	95	SE 2	WSW 3	10	10	0.064	Sunny day.
30	29.92	29.92	51.5	48.5	47.2	55.1	2.6	2.6	31.5	27.9	82	82	NNW 4	NNW 3	4	1	0.001	Sunny p.
31	29.04	29.96	49.4	53.6	46.1	54.8	3.9	1.2	26.2	37.8	74	92	NW 4	WNW 4	10	0	—	Sunny p.
Mean	29.755	29.759	51.2	50.7	47.5	55.8	1.6	1.5	33.9	33.5	89.4	89.7	4.2	4.0	7.7	6.7	3.134	

WOOLACOMBE.—OCTOBER 1902.

Height above Mean Sea Level, 59 feet. Heights above Ground:—Bar., 20 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 4° 12' W. Lat. 51° 10' N. Gravity Correction, +0.16 in.

1	29.82	29.86	54.5	54.7	51.0	59.2	3.2	3.6	33.8	33.0	79	77	NE 4	NE 4	4	8	0.01	Very fine.
2	29.93	29.05	53.7	48.7	48.2	58.8	3.2	4.7	32.8	23.7	79	69	NE 4	NE 5	6	1	—	Very fine.
3	29.05	29.02	48.7	41.9	41.9	52.0	4.1	3.7	24.9	19.3	73	72	NE 5	E 2	1	1	—	Very fine.
4	29.99	29.96	49.5	46.7	39.8	52.0	4.5	2.9	24.9	25.3	70	78	NE 4	NE 4	4	4	0.03	Overcast, with ☉
5	29.89	29.85	47.9	48.1	44.2	49.2	1.7	1.2	29.2	30.6	87	91	E 3	E 2	9	10	0.09	Dull day.
6	29.77	29.75	53.1	48.3	44.4	54.4	4.0	1.2	30.1	30.8	75	91	NE 2	E 2	3	7	—	Distant < 10p.
7	29.74	29.76	50.5	49.3	48.0	55.8	2.2	2.0	31.1	30.1	85	86	NE 2	E 2	0	2	—	Gloomy day.
8	29.78	29.71	53.5	51.5	44.0	57.8	3.2	2.2	32.4	32.3	79	85	NE 3	NE 4	0	0	0.10	Dull day.
9	29.56	29.54	51.1	52.9	50.0	53.2	1.2	1.0	34.4	37.3	92	93	E 4	NE 4	10	10	0.10	☉ a.
10	29.26	29.31	56.1	56.1	51.2	59.0	1.2	1.4	41.5	40.9	92	90	SE 4	NE 3	9	6	0.04	Distant < 10p.
11	29.57	29.91	56.7	52.7	52.6	59.2	2.0	2.0	40.1	34.4	87	86	N 3	NW 3	8	1	—	Gloomy day.
12	29.14	29.15	51.7	56.5	47.0	60.0	2.4	1.8	32.2	40.4	83	88	SE 3	S 4	9	9	0.01	Dull day.
13	29.07	29.89	59.1	56.7	50.2	59.8	0.6	0.8	48.2	43.6	96	94	S 4	Calm 0	10	10	0.82	☉ (mist).
14	29.87	29.87	55.1	55.7	52.8	57.8	2.4	3.2	36.6	35.5	84	80	SW 4	SW 4	2	8	0.09	Rough sea. Fine day.
15	29.51	29.42	57.1	54.1	51.2	57.8	1.4	4.2	42.2	30.8	90	73	SW 5	SW 6	10	3	0.13	Rough sea. Overcast day.
16	29.54	29.71	53.7	52.7	49.8	54.8	5.0	5.4	28.6	26.6	69	67	NW 4	W 6	5	6	0.02	Rough sea. Fine day.
17	29.79	29.62	50.7	50.7	49.6	54.6	4.1	1.2	27.0	33.9	73	92	NW 4	SE 4	4	10	0.19	Overcast day.
18	29.62	29.86	53.9	49.5	49.5	57.4	1.2	2.0	38.1	30.3	92	86	NW 5	E 2	9	8	—	☉ 530p.
19	29.90	29.81	51.3	53.5	46.2	55.4	2.2	3.2	32.1	32.4	85	79	SE 3	SW 3	9	4	0.13	Gloomy, with ☉.
20	29.70	29.81	55.5	52.3	48.4	56.6	1.8	4.6	38.8	27.7	88	71	W 4	W 3	10	6	0.06	Very fine.
21	29.00	29.09	53.3	52.7	49.0	56.0	4.6	3.0	28.9	31.9	71	80	NW 4	SW 4	2	4	0.08	Very fine.
22	29.09	29.29	54.5	56.3	52.4	57.4	4.0	1.2	31.8	41.8	75	92	NW 5	W 3	4	8	0.03	Very fine.
23	29.42	29.47	56.7	55.5	55.0	59.6	1.4	1.2	41.9	40.6	90	92	W 3	W 3	8	9	—	Visibility all day. Overcast day.
24	29.47	29.42	51.7	55.3	50.2	57.0	2.0	2.4	33.1	36.9	86	84	SE 3	SW 3	10	10	0.07	Overcast day.
25	29.44	29.44	54.3	50.1	49.2	56.2	3.4	3.0	33.0	28.7	78	79	SW 2	SE 3	8	10	0.07	Dull day. Visibility p.
26	29.04	29.08	55.5	54.5	49.4	56.6	2.2	3.8	37.7	33.3	86	76	W 4	W 4	9	2	—	☉ a.
27	29.08	29.04	52.3	52.7	51.0	55.6	2.8	2.4	31.9	33.4	81	83	NW 3	SW 1	8	5	0.02	Dull, with ☉ all day.
28	29.00	29.02	50.7	55.1	50.0	58.8	1.0	1.0	34.4	40.4	93	93	SW 3	Calm 0	10	9	0.01	Fine and sunny. ☉ p.
29	29.99	29.99	52.9	54.5	51.8	56.6	1.0	0.8	37.3	40.1	93	94	SE 4	SE 2	10	3	0.14	Dull day.
30	29.07	29.18	54.7	50.3	50.0	56.4	3.0	4.3	34.5	26.2	81	72	NW 2	N 3	2	1	—	Fine and sunny. ☉ p.
31	29.22	29.14	50.9	54.5	48.0	56.6	4.3	1.8	26.8	37.4	72	88	NW 4	NW 4	9	10	—	Dull day.
Mean	29.913	29.922	53.3	52.4	48.9	56.5	2.6	2.5	33.9	33.2	82.7	83.3	3.6	3.1	6.8	6.0	2.58	

SOUTHAMPTON.—OCTOBER 1902.

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24' W. Lat. 50° 55' N. Gravity Correction, +0.16 in.

Day.	Barometer at 32° Fht. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.			9 a.m.	9 p.m.
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
	ins.	ins.	°	°					in.	in.	%	%					ins.	
1	29.75	29.76	52.8	51.6	49.1	59.6	2.6	3.9	.330	.286	82	75	NE 4.5	NE 4.5	10	5	—	
2	29.86	30.00	52.5	46.5	46.4	53.6	2.8	3.4	.322	.240	81	77	NE 4.5	NE 4	10	0	.0035 Cloudy, with cold wind.	
3	30.03	30.01	47.2	43.8	38.9	51.0	3.9	2.9	.237	.224	74	77	NE 4.5	NE 5	8	10	— Cloudy, with cold wind.	
4	30.01	29.95	45.8	45.5	39.9	49.9	2.5	2.0	.253	.259	82	85	NE 4.5	NE 4	10	10	.195 Dull, with cold wind. ☹️ ⁰ p.	
5	29.88	.83	47.9	48.3	44.3	52.6	1.2	1.7	.304	.296	92	88	NE 4	NE 4	10	10	— Dull and overcast.	
6	.76	.75	52.0	45.2	44.9	56.6	3.1	0.8	.308	.283	79	94	NE 3.5	NNE 3	8	0	— Fine and sunny. ☹️ ⁰ p.	
7	.75	.77	48.3	49.3	42.1	57.7	0.4	1.6	.329	.311	97	89	NW 3	NW 3	10	10	— ☹️ ⁰ 2 a. ☹️ ⁰ 2 p.	
8	.81	.77	52.9	49.1	46.5	59.4	2.8	1.2	.326	.319	82	91	NE 3	NE 3.5	0	0	.0003 ☹️ ⁰ a. Beautiful day. ☹️ ⁰ p.	
9	.57	.39	53.8	48.3	55.0		3.5	0.9	.312	.374	77	93	NE 5	NE 3	10	10	.380 ☹️ ⁰ 9 a. -2 p.	
10	.40	.38	59.1	57.9	51.9	66.6	2.8	2.4	.426	.409	83	85	SW 5	SE 4.5	10	10	.240 Beautiful day. ● from 10 p.	
11	29.45	29.78	57.0	50.8	50.4	60.1	0.5	1.6	.450	.330	97	88	NE 3	NW 3	10	0	.008 ● till 4 a.	
12	30.14	30.24	50.5	52.3	42.7	62.6	2.4	2.1	.306	.336	84	85	NW 3	SW 3	7	10	— ☹️ ⁰ a. Beautiful day.	
13	30.16	30.00	58.5	56.8	52.0	60.3	2.1	0.7	.426	.441	86	95	SW 4	SW 4.5	10	10	.135 ☹️ ⁰ from 3 p.	
14	29.87	29.92	54.4	49.9	49.3	62.2	1.4	1.9	.383	.310	91	87	WSW 3	WSW 4	8	10	.050 ☹️ ⁰ p.	
15	.67	.44	57.2	51.7	48.7	59.4	3.0	0.9	.381	.360	81	94	SW 6	SW 4	10	0	.600 ☹️ ⁰ 2 (force 8) till 5 p..	
16	.49	.64	55.7	45.9	45.9	60.4	3.6	2.9	.346	.245	78	80	W 5	NW 3.5	8	0	— Fine and sunny.	
17	.73	.75	51.6	46.9	40.9	57.2	5.1	3.1	.261	.251	69	80	NW 5	W 4	1	10	.290 ☹️ ⁰ a. Beautiful day. ● from 9 p.	
18	.53	.83	53.2	49.8	46.5	57.2	1.6	1.9	.360	.310	89	87	NW 4	NE 3	10	10	.003 ☹️ ⁰ 2 a. Dull day.	
19	.96	.85	42.2	52.4	37.9	54.9	0.5	0.9	.258	.369	96	94	NE 4	SW 3	9	10	.078 ☹️ ⁰ 3 a. -10 a.	
20	29.68	29.74	56.5	52.3	47.7	61.7	0.3	0.8	.447	.371	97	95	SW 3.5	NW 3.5	10	160	.160 ☹️ ⁰ a. Beautiful day. ☹️ ⁰ 2 p.	
21	30.00	30.11	50.5	44.9	41.3	60.4	2.6	0.9	.302	.276	82	93	NW 3	NW 3	0	0	.075 Beautiful day.	
22	.00	.26	53.1	46.5	41.6	59.6	1.4	1.7	.365	.277	90	88	NW 3.5	NW 3	5	0	— ☹️ ⁰ 2 a. and p. Fine day.	
23	.40	.46	47.3	53.8	42.2	59.9	0.8	1.1	.307	.383	95	92	NW 3	NW 3	10	10	— ☹️ ⁰ 2 a. Fine day.	
24	.51	.45	43.2	52.1	40.7	58.8	0.2	2.9	.275	.314	98	80	NW 3	SW 3	10	10	.010 Fine day. ☹️ ⁰ 2 a. p.	
25	.43	.32	53.0	49.3	49.3	63.3	2.8	0.9	.327	.328	81	94	NW 3	SW 3	10	0	— Dull a. Bright p. ☹️ ⁰ p.	
26	.10	.01	51.6	49.1	41.0	57.9	1.5	2.1	.343	.297	90	85	SW 3	NW 3	10	0	— Sunny till 2 p.	
27	.04	.06	51.5	48.8	44.7	59.8	3.1	1.4	.303	.310	79	90	NW 4	NW 3	5	0	— ☹️ ⁰ (mist) all day.	
28	.06	.06	48.8	52.8	42.3	54.3	0.7	0.4	.327	.389	95	97	SE 3	SE 3	10	10	.085 Sunny intervals. ☹️ ⁰ p.	
29	.05	.01	52.3	49.1	47.7	57.2	1.7	1.8	.347	.304	88	87	SE 3	SE 3	10	7	.015 Fair, but cloudy.	
30	.00	.11	53.0	46.3	46.2	57.7	0.7	2.3	.383	.261	95	84	S 3	N 3	10	7	— ☹️ ⁰ 2 a. Fine and sunny.	
31	30.19	30.11	42.9	49.1	36.3	54.5	1.1	2.1	.253	.297	91	85	NW 2.5	W 3	8	10	—	
Mean	29.911	29.927	51.5	49.7	44.8	58.1	2.0	1.8	.332	.315	86.5	87.5	3.7	3.5	8.3	6.1	2.332	

ARMAGH.—OCTOBER 1902.

Height above Mean Sea Level, 196 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 39' W. Lat. 54° 21' N. Gravity Correction, +0.025 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.				
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.									
1	ins.	ins.	51.6	49.6	49.0	57.0	2.2	3.2	in.	in.	%	%	NE	1	NE	1	10	5	—	early a.	
2	29.85	29.93	51.6	49.6	48.8	54.0	3.0	2.8	2.325	2.278	85	79	NE	2	E	1	8	10	—		
3	30.08	30.03	47.4	44.3	44.3	51.3	1.9	2.7	2.282	2.233	87	79	ENE	1	E	1	9	8	—		
4	30.04	29.99	42.3	44.0	33.4	51.2	0.5	2.0	2.260	2.244	96	84	ENE	0.5	NE	1	10	10	008	Overcast all day.	
5	29.93	29.85	49.8	42.6	42.4	53.0	2.0	2.6	2.307	2.219	87	81	NE	1	ENE	1	10	10	8		Overcast all day.
6	75	68	48.8	45.6	41.0	52.9	1.5	1.2	2.308	2.279	89	91	ENE	1	NE	1	10	10	—		
7	67	69	46.4	45.6	44.4	50.8	1.6	2.0	2.278	2.261	89	85	NE	2	ENE	1	10	9	—		
8	71	68	46.4	44.8	42.0	51.8	1.9	2.0	2.271	2.252	87	85	ENE	1	E	0.5	10	10	—	Overcast all day.	
9	65	54	46.3	40.6	40.6	50.8	0.6	1.0	3.009	2.32	96	92	E	1	NE	0.5	8	3	—		
10	38	42	45.6	45.5	40.3	50.3	1.6	2.7	2.269	2.245	88	81	NE	1	NNE	0.5	10	10	—		
11	58	74	45.0	43.0	37.0	57.2	2.4	2.9	2.245	2.217	82	79	NNE	1	SW	1	0	2	—	a.	
12	82	70	50.6	55.6	41.0	58.2	2.2	1.2	3.13	2.408	85	92	SSW	1	SSW	1	7	10	040		
13	81	65	49.0	50.3	46.3	57.7	0.7	1.2	3.30	3.34	95	92	NW	1	SSW	1	7	10	010		
14	29.57	29.41	49.1	50.3	46.8	57.7	2.3	3.0	2.293	2.290	84	80	SW	2	SSW	3	0	10	050	a.	
15	28.88	28.87	52.7	48.4	46.6	57.0	5.0	3.8	2.275	2.252	69	75	SW	5	WSW	1	8	10	288		
16	29.30	29.46	48.6	40.0	40.0	51.7	4.8	2.5	2.235	2.198	69	80	NW	1	NW	1	9	0	017		
17	57	33	48.5	45.8	40.0	53.3	4.9	1.4	2.231	2.277	68	90	W	1	ESE	1	2	10	250	Overcast all day.	
18	57	71	46.3	39.6	39.6	55.0	0.2	1.9	2.309	2.206	99	85	E	1	NE	1	10	3	—		
19	66	47	47.3	47.1	38.2	51.7	1.0	2.1	2.302	2.274	93	85	SSW	2	S	2	10	10	087		
20	46	57	47.0	40.1	40.1	55.0	1.0	3.0	2.298	2.190	93	76	WNW	1	SW	1	3	0	005	Overcast all day.	
21	72	29.64	45.6	46.6	37.5	54.0	2.3	2.0	2.255	2.271	83	86	SW	2	SSW	3	0	10	063		
22	29.88	30.03	51.0	51.8	44.0	56.2	2.8	0.2	2.304	3.80	81	98	WNW	1	SW	2	1	10	010		
23	30.08	30.10	53.6	53.6	50.8	57.0	2.0	2.2	2.355	3.50	86	85	SW	3	SW	2	10	10	—	Overcast all day.	
24	06	30.14	55.1	52.0	50.2	58.0	3.0	1.2	2.351	3.56	81	92	SW	3	NW	0.5	10	10	337		
25	30.13	29.85	53.3	49.8	47.8	58.2	1.0	3.8	2.379	2.267	93	75	SSW	2	S	3	10	10	270		
26	29.70	29.94	50.6	44.4	44.3	56.7	4.0	2.8	2.272	2.232	74	79	W	3	NW	1	7	5	008	Overcast all day.	
27	90	71	42.1	49.6	38.0	51.0	0.8	0.5	2.251	3.42	93	97	SW	1	SSW	2	9	10	037		
28	78	76	52.0	52.0	47.0	55.0	2.4	0.4	2.325	3.77	84	97	SW	1	SSW	1	10	10	010		
29	70	29.76	54.6	48.8	48.8	57.2	0.9	0.3	2.401	3.39	94	98	SW	1	WSW	1	10	10	050	Overcast all day.	
30	90	30.02	47.0	43.6	40.4	56.0	2.4	2.8	2.266	2.224	83	79	WSW	1	SW	1	0	10	018		
31	29.87	29.86	49.6	51.6	43.6	54.8	2.0	1.2	2.305	3.50	86	92	SW	3	SW	1	10	10	—		
Mean	29.741	29.728	48.8	46.9	42.9	54.6	2.1	2.0	2.296	2.279	85.8	85.5	1.6	1.3	7.4	8.2	1.558				

MARKREE CASTLE.—OCTOBER 1902.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27' W. Lat. 54° 11' N. Gravity Correction, +0.024 in.

1	29.94	29.99	53.4	53.0	48.4	58.3	3.6	2.2	3.13	3.42	77	85	NE	3	NE	2	8	8	—	Gloomy and damp.
2	30.08	30.12	48.8	47.2	45.2	57.0	2.8	1.2	2.78	2.95	80	92	ESE	2	Calm	0	7	7	—	
3	15	12	50.0	43.9	43.1	54.9	4.0	2.3	2.65	2.38	74	83	ESE	1	Calm	0	5	5	—	
4	12	08	48.6	45.0	35.1	52.5	4.4	1.0	2.42	2.75	70	92	E	2	Calm	0	2	9	0.02	Gloomy day. showers p.
5	30.03	30.05	49.5	40.2	38.0	56.0	3.0	1.2	2.81	2.24	80	90	NE	1	Calm	0	6	0	—	Dull and cloudy.
6	29.85	29.79	50.5	45.8	36.5	57.3	1.6	1.3	3.27	2.79	89	91	ENE	1	Calm	0	7	10	—	
7	77	79	47.2	46.8	41.3	50.3	1.7	1.8	2.85	2.77	89	87	E	2	Calm	0	10	10	—	Gloomy day.
8	81	78	48.6	46.9	40.4	54.0	2.6	1.7	2.80	2.81	82	88	NE	1	Calm	0	9	10	—	
9	74	66	50.4	42.8	41.0	55.4	1.7	1.8	3.23	2.36	89	86	NE	1	Calm	0	6	0	—	
10	55	58	49.8	37.1	37.0	54.3	5.0	0.6	2.44	2.09	69	95	NE	3	Calm	0	0	0	—	(mist) a. Sunny intervals.
11	71	83	43.2	37.8	27.9	58.6	1.2	0.8	2.53	2.10	90	93	Calm	0	Calm	0	5	0	0.01	Fine and sunny.
12	85	85	51.9	53.3	32.9	58.2	0.9	0.9	3.62	3.82	94	94	S	2	W	1	10	8	0.07	(mist) a. showers.
13	90	75	49.0	51.3	39.8	57.3	0.2	0.5	3.43	3.65	99	97	Calm	0	SSW	1	10	10	0.09	(mist) a. showers.
14	70	46	53.0	50.0	43.9	58.4	2.2	1.3	3.42	3.27	85	91	Calm	0	SW	6	4	10	0.29	a. n.
15	02	10	55.0	50.9	48.8	57.3	5.0	2.4	3.02	3.13	70	85	SW	6	NW	5	5	10	0.39	showers.
16	52	65	46.8	46.9	43.4	51.7	2.3	2.9	2.66	2.54	84	80	NW	4	NW	5	6	6	0.30	showers.
17	70	40	50.0	49.8	43.5	50.6	4.0	0.7	2.65	3.39	74	95	S	1	Calm	0	9	10	0.55	most of day.
18	70	80	50.2	40.1	40.1	53.4	1.2	0.2	3.32	2.44	92	98	Calm	0	Calm	0	10	8	—	Gloomy day. (mist) gp.
19	76	55	47.9	49.0	39.0	52.2	0.9	0.8	3.10	3.27	94	94	S	1	SSE	2	10	10	0.11	(mist) a.
20	62	69	47.3	41.9	40.4	55.9	1.3	0.8	2.94	2.48	91	94	Calm	0	Calm	0	6	10	0.09	Sunny intervals.
21	84	29.71	48.0	49.2	38.1	54.2	2.3	0.8	2.78	3.29	84	95	W	1	W	3	3	3	0.10	showers. n.
22	29.99	30.14	51.5	51.9	46.4	56.5	2.1	0.9	3.26	3.62	86	94	Calm	0	S	2	10	10	0.06	(mist) a. (mist) gp.
23	30.17	30.21	55.0	54.3	51.8	58.4	2.2	2.3	3.70	3.57	86	84	SW	2	S	4	9	10	0.51	(mist) a. Gloomy day.
24	13	30.21	56.3	48.7	48.5	60.1	2.3	0.7	3.67	3.66	85	95	SSW	4	Calm	0	9	10	0.30	all the afternoon.
25	30.18	29.85	54.1	52.0	47.4	56.2	1.1	0.8	3.87	3.66	92	94	S	3	S	6	10	10	0.03	(mist) a.
26	29.91	30.07	52.9	48.9	48.4	55.3	3.0	1.2	3.23	3.17	80	92	WSW	5	Calm	0	6	10	0.03	showers.
27	95	29.79	46.8	53.8	39.2	54.4	1.4	0.3	2.87	4.07	90	98	ESE	1	Calm	0	9	10	0.07	
28	88	85	52.0	56.0	50.4	59.3	0.5	0.5	3.75	4.34	97	97	S	1	S	1	10	10	0.03	
29	29.81	29.87	53.8	50.0	49.9	56.5	0.4	1.8	4.03	3.14	97	87	Calm	0	Calm	0	10	9	0.04	(mist) a. showers.
30	30.04	30.13	50.3	46.9	45.7	52.8	5.1	3.0	2.46	2.53	67	80	NNW	1	SW	1	3	10	0.04	Sunny intervals.
31	30.01	29.99	50.9	54.1	45.5	58.3	0.9	2.1	3.49	3.59	94	85	S	2	SW	2	10	10	0.02	showers.
Mean	29.852	29.833	50.4	47.9	42.5	55.7	2.3	1.3	3.11	3.06	84.8	90.7	1.6	1.4	7.2	7.8	3.12			

DUBLIN (PHENIX PARK).—OCTOBER 1902.

Height above Mean Sea Level, 155 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 21' W. Lat. 53° 22' N. Gravity Correction, +0.022 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.				
							Dep. of Wet.		Vapour Pressure.								Percentage.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.			
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%				ins.				
1	29.88	29.92	53.5	54.4	51.4	56.6	2.0	2.8	.354	.346	87	82	NE	1	ESE	10	8	—	Overcast a. Cloudy p.	
2	30.01	30.07	51.6	51.4	49.6	54.7	3.8	4.6	.288	.268	76	71	SE	2	E	10	5	.065	Overcast a. Cloudy p.	
3	10	06	46.6	49.2	43.4	51.6	2.6	5.0	.258	.237	82	67	E	1	E	9	5	.070	☉ showers a. Cloudy day.	
4	30.05	30.01	47.6	50.6	44.6	51.8	3.0	2.8	.260	.298	79	81	E	1	E	8	9	.485	Fine day. ☉ showers from 9.30p.	
5	29.94	29.87	47.9	51.1	45.9	52.0	0.8	3.9	.312	.280	95	74	Calm	0	NE	10	10	.070	Overcast day. ☉ 9a.—10.30a.	
6	78	72	52.5	48.3	46.4	53.4	2.7	1.8	.324	.294	82	88	E	1	Calm	0	9	10	.130	Dull day. ☉ 11p.
7	71	74	49.8	49.1	46.4	52.0	1.2	1.2	.328	.319	91	91	Calm	0	Calm	0	10	10	.095	Overcast day. ☉ showers p.
8	74	73	49.8	47.6	46.4	50.3	1.7	0.7	.315	.313	83	95	E	1	Calm	0	10	10	.005	☉ showers a. and p. Overcast day.
9	67	54	50.5	49.9	38.9	52.1	2.3	2.9	.309	.287	84	81	E	1	NE	1	10	10	.340	Overcast day. ☉ 2 from 7p.
10	37	43	48.0	47.5	46.5	50.4	0.8	0.6	.314	.314	94	95	NNE	2	N	1	10	10	.510	☉ 2 till 9a. ☉ 10 till 10.30a. Dull
11	63	84	48.3	39.1	37.6	56.3	2.3	0.3	.282	.233	84	97	Calm	0	Calm	0	3	1	—	Fine day. [day.]
12	93	83	51.0	57.6	34.3	62.0	0.4	1.1	.364	.442	97	93	Calm	0	SW	2	5	9	.040	Cloudy day. ☉ showers p.
13	89	76	54.0	51.9	49.2	59.2	1.4	1.0	.377	.359	90	93	Calm	0	Calm	0	9	10	.030	Dull day.
14	70	60	50.2	50.6	47.9	57.7	1.8	2.6	.317	.303	88	82	W	1	SW	1	7	3	.130	☉ showers till 7a. Fine day.
15	12	04	53.3	49.9	48.4	56.1	4.0	2.5	.303	.297	74	84	SW	3	WSW	2	3	7	.100	☉ 2 till 6a. Fine day. ☉ 2 from 6p.
16	37	59	44.2	43.5	43.2	51.4	2.1	0.9	.244	.262	84	93	W	1	W	1	4	3	.030	Cloudy day. ☉ showers p.
17	69	36	44.7	49.6	38.8	51.2	2.6	0.3	.238	.348	81	98	W	1	Calm	0	1	9	.210	Bright a. Cloudy, with ☉ 2 showers
18	60	79	51.0	39.9	38.9	52.8	0.9	0.1	.351	.244	94	99	Calm	0	Calm	0	7	8	.060	Cloudy day. ☉ p. [p.]
19	76	60	46.6	50.5	35.5	53.8	0.2	2.0	.313	.317	99	87	Calm	0	SW	1	8	10	.055	☉ a. Dull p.
20	57	68	47.9	42.2	40.8	54.3	3.3	1.0	.301	.247	91	92	W	1	Calm	0	7	3	—	
21	86	29.82	47.9	47.6	40.2	54.7	3.2	2.8	.259	.265	79	81	W	1	SW	2	0	3	.068	Fine till 2p. ☉ showers 9p.—midt.
22	29.99	30.16	49.8	53.5	44.6	55.0	2.4	0.6	.298	.393	84	95	W	1	W	1	3	4	.015	Cloudy day. ☉ showers p.
23	30.23	26	55.6	53.4	50.9	57.9	2.7	2.2	.367	.347	82	85	SW	1	SW	1	8	8	—	Cloudy day.
24	22	22	55.7	55.2	53.1	59.3	3.0	1.5	.361	.393	81	90	SW	2	SW	1	8	10	—	Dull from 10a.
25	30.26	02	54.4	52.6	52.2	57.3	2.5	4.3	.353	.288	83	73	SW	2	S	2	7	10	.160	Cloudy day. ☉ 2 p.
26	29.87	30.01	50.0	45.0	44.2	56.4	3.1	0.8	.284	.280	79	94	W	2	Calm	0	1	0	—	Fine day.
27	99	29.82	45.5	53.2	40.5	53.6	0.4	1.6	.295	.360	97	89	Calm	0	SW	1	8	4	.025	Cloudy day. ☉ showers p.
28	86	88	50.8	58.4	49.6	58.8	1.3	0.9	.339	.461	91	95	Calm	0	Calm	0	7	6	.014	Cloudy day. ☉ showers p.
29	29.82	29.85	56.2	50.1	49.6	59.3	2.7	0.5	.375	.349	83	96	Calm	0	Calm	0	6	6	.025	Cloudy day. ☉ 6.30p.—8.30p.
30	30.03	30.12	45.0	45.2	40.9	53.0	0.8	1.9	.280	.258	94	86	Calm	0	Calm	0	2	9	—	Fine day.
31	30.03	30.00	48.1	52.2	43.8	54.5	3.1	0.7	.262	.372	78	96	SW	1	W	1	9	3	—	Cloudy day.
Mean	29.828	29.817	49.9	49.7	44.6	54.8	2.0	1.8	.310	.315	86.2	87.8			0.9	0.8	6.7	6.9	2.738	

DEERNESS.—NOVEMBER 1902.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45' W. Lat. 58° 56' N. Gravity Correction, +.036 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.	
							Dep.of Wet.		Vapour Pressure.		Percentage.								
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	°	°	°	54°·8	°	°	in.	in.	%	%	W	8	WNW	6	7	2	ins.
2	29°·42	29°·80	47°·2	44°·1	41°·2	54°·8	5°·0	4°·5	·216	·197	67	68	WSW	4	SW	4	4	9	—
3	°·93	°·70	45°·0	44°·8	39°·8	47°·5	2°·9	2°·6	·235	·239	79	81	WSW	4	SW	4	4	9	·17
4	°·58	°·86	45°·0	44°·6	39°·2	47°·8	1°·0	3°·1	·275	·202	92	78	NW	4	W	1	10	9	—
5	°·90	°·82	45°·4	48°·0	39°·5	48°·0	4°·3	2°·9	·213	·265	71	80	SE	4	SE	7	10	9	—
6	°·67	°·44	48°·1	49°·0	46°·6	49°·6	1°·8	2°·0	·291	·298	87	86	SE	8	SE	9	10	10	·04
7	°·33	°·39	50°·0	49°·8	48°·0	52°·0	0°·0	0°·8	·361	·337	100	94	SE	6	SE	7	10	10	·10
8	°·12	29°·07	48°·5	50°·2	47°·0	51°·0	0°·5	2°·2	·348	·307	96	85	SE	9	SSE	6	10	2	·11
9	29°·22	28°·86	48°·4	49°·0	46°·0	51°·0	2°·3	2°·0	·283	·298	84	86	SSE	5	E	8	1	10	·08
10	28°·74	28°·92	46°·8	47°·0	44°·0	49°·8	2°·5	1°·8	·262	·280	82	87	S	4	W	6	8	7	·27
11	29°·27	29°·48	44°·0	47°·3	43°·0	48°·0	2°·0	2°·0	·244	·278	84	86	W	3	S	3	8	4	—
12	°·51	°·40	48°·8	49°·0	46°·5	49°·6	1°·8	2°·2	·300	·294	87	85	SSE	6	SE	8	3	10	·32
13	°·21	°·42	49°·2	49°·2	47°·2	50°·0	1°·4	2°·2	·315	·296	90	85	S	6	SSW	5	1	10	·12
14	°·47	29°·46	51°·0	49°·2	48°·0	52°·4	1°·0	5°·0	·348	·237	93	67	S	5	SW	6	10	10	—
15	29°·97	30°·06	44°·0	48°·0	42°·2	50°·0	2°·0	2°·5	·244	·274	84	83	SW	3	SSE	6	4	2	—
16	30°·03	°·03	50°·3	49°·1	46°·5	52°·0	1°·1	1°·3	·336	·316	92	91	S	5	SSE	8	3	10	—
17	29°·07	°·14	47°·0	46°·8	46°·8	50°·6	3°·0	3°·0	·253	·252	79	80	SSE	8	S	4	7	10	—
18	30°·24	°·22	47°·8	46°·0	44°·8	50°·6	4°·6	4°·3	·230	·220	69	71	SSE	7	SSE	8	10	7	—
19	°·28	°·27	45°·4	44°·0	43°·2	46°·8	3°·4	4°·0	·230	·205	76	71	SSE	7	SSE	7	4	4	—
20	°·27	°·25	43°·3	43°·0	42°·0	44°·3	4°·3	4°·0	·194	·197	69	71	SE	6	SE	5	4	3	—
21	°·28	30°·21	43°·3	42°·0	40°·8	44°·8	3°·3	3°·0	·212	·207	76	78	SE	4	SE	4	6	6	—
22	30°·08	29°·90	42°·0	44°·7	40°·8	45°·0	3°·0	2°·9	·207	·233	78	79	SE	5	SSE	7	3	0	—
23	29°·70	°·56	45°·2	44°·3	41°·8	45°·6	2°·9	1°·7	·237	·254	79	87	SSE	7	S	4	3	8	—
24	°·46	°·47	44°·0	41°·4	40°·2	44°·8	1°·2	0°·4	·261	·252	90	97	SSW	2	SW	2	10	0	·25
25	°·47	°·38	42°·6	45°·4	40°·8	46°·2	0°·6	3°·2	·260	·234	95	77	Calm	0	SE	6	6	4	—
26	°·33	°·27	47°·0	45°·2	44°·2	47°·6	2°·8	0°·9	·257	·280	80	93	SE	7	SE	8	10	10	·075
27	°·28	°·31	47°·8	47°·5	44°·4	48°·0	1°·5	0°·7	·296	·311	89	95	SSE	6	SE	4	10	10	—
28	°·32	°·18	44°·0	47°·0	42°·5	47°·8	0°·8	1°·2	·270	·293	94	92	S	1	SE	6	6	4	—
29	°·07	°·12	47°·3	46°·0	44°·2	48°·6	2°·3	4°·0	·271	·225	84	73	SE	8	SE	8	9	10	—
30	°·30	°·51	44°·0	44°·1	42°·2	46°·6	1°·5	1°·1	·255	·264	88	91	SE	9	SE	7	10	10	—
31	29°·67	29°·67	44°·8	40°·0	38°·8	45°·0	2°·8	4°·0	·235	·172	79	69	SE	6	SE	7	9	10	—
Mean	29°·602	29°·606	46°·2	46°·1	43°·4	48°·5	2°·2	2°·5	·264	·257	83°·8	82°·2	5°·4	5°·9	6°·9	7°·0	1°·535		

DUNROBIN CASTLE.—NOVEMBER 1902.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56' W. Lat. 57° 59' N. Gravity Correction, +.034 in.

1	29°74	29°04	49°0	45°0	43°0	58°0	5°0	5°0	2°35	1°97	67	66	N	W	—	—	—	—	—	Gusty.
2	29°12	29°04	45°0	45°0	36°0	52°0	4°0	2°0	2°14	2°53	72	85	W	W	—	—	—	—	—	Fine a. showers p.
3	29°82	29°07	46°0	39°0	38°0	51°5	1°0	0°8	2°87	2°22	93	94	W	N	—	—	—	—	—	Fine day.
4	30°02	29°03	47°0	49°0	37°5	49°0	1°5	2°0	2°87	2°98	86	86	S	E	—	—	—	—	—	Fair, but dull.
5	29°75	29°58	49°0	49°0	49°0	52°5	2°0	2°5	2°98	2°87	86	83	SE	E	—	—	—	—	—	Dull day. High seas.
6	29°46	29°49	50°0	51°5	49°0	54°0	1°0	1°5	3°34	3°41	89	89	SE	SE	—	—	—	—	—	Fine, but dull. Heavy sea-swell.
7	29°23	29°37	51°0	49°0	48°0	53°0	1°0	3°5	3°48	2°66	93	76	SE	S	—	—	—	—	—	High seas.
8	29°33	28°57	49°0	49°0	42°0	50°5	3°0	3°0	2°76	2°76	79	79	S	E	—	—	—	—	—	Fine, sunny, and breezy. p.
9	28°87	29°22	44°0	47°0	42°2	49°0	2°0	3°0	2°44	2°53	84	79	SW	N	—	—	—	—	—	a. Dull day.
10	29°52	29°64	45°0	47°2	40°0	52°0	3°0	2°7	2°33	2°62	78	82	SW	W	—	—	—	—	—	
11	29°64	29°46	48°0	50°0	43°0	50°0	2°0	3°8	2°85	2°69	86	75	SE	S	—	—	—	—	—	
12	29°43	29°62	49°0	50°2	47°0	53°0	4°0	3°2	2°55	2°84	73	79	SW	W	—	—	—	—	—	Dull a. showers p.
13	29°65	29°78	53°0	48°5	48°2	55°0	3°0	5°3	3°22	2°24	80	65	W	W	—	—	—	—	—	
14	30°18	30°16	40°2	46°5	37°2	51°0	2°2	2°5	2°05	2°59	83	82	NW	S	—	—	—	—	—	Dull day. showers p
15	29°16	29°17	51°5	50°0	45°0	54°0	1°5	2°0	3°41	3°09	89	86	S	S	—	—	—	—	—	Fine and sunny.
16	29°19	29°30	48°0	44°0	43°2	51°0	4°0	3°2	2°43	2°20	73	76	SW	SW	—	—	—	—	—	Fine, clear, and sunny.
17	29°34	29°37	46°0	45°0	43°0	48°0	3°0	4°0	2°44	2°14	79	72	SE	S	—	—	—	—	—	Fine, but dull.
18	29°42	29°44	45°0	43°0	42°0	47°0	4°0	4°0	2°14	1°97	72	71	S	SE	—	—	—	—	—	Fine day.
19	29°39	29°38	43°0	43°0	42°0	44°0	4°0	4°0	1°97	1°97	71	71	SE	SE	—	—	—	—	—	Fine, clear, and breezy.
20	29°40	29°35	44°0	44°0	43°0	46°0	5°0	2°8	2°88	2°28	65	78	SE	SE	—	—	—	—	—	Drying wind. Clear p.
21	30°20	30°08	44°0	39°0	39°0	46°0	4°0	4°0	2°05	1°64	71	70	S	E	—	—	—	—	—	Dry and clear.
22	29°85	29°73	41°0	38°5	37°8	44°0	4°0	1°5	1°80	2°03	70	87	SW	N	—	—	—	—	—	Dry and clear.
23	29°63	29°70	40°0	37°8	33°0	45°8	0°5	1°3	2°37	2°02	96	90	SW	NW	—	—	—	—	—	Fine and dry.
24	29°64	29°50	36°5	45°8	35°0	45°8	0°5	1°6	2°06	2°72	95	89	N	SE	—	—	—	—	—	Dull a. Clear and fine p.
25	29°42	29°43	46°5	47°8	42°0	48°5	2°5	1°3	2°59	3°01	82	91	SE	SE	—	—	—	—	—	a. Clear p.
26	29°42	29°46	47°2	46°0	43°0	47°2	1°2	0°8	2°95	2°92	92	94	S	S	—	—	—	—	—	Dull and stormy, with showers.
27	29°47	29°47	39°5	46°0	37°0	47°5	1°0	3°0	2°22	2°44	92	79	N	SE	—	—	—	—	—	
28	29°17	29°20	47°0	47°5	43°5	49°0	1°8	2°3	2°80	2°74	87	83	SE	SE	—	—	—	—	—	Fine and calm.
29	29°37	29°40	45°5	46°0	45°0	47°5	2°5	2°0	2°48	2°65	82	86	SE	E	—	—	—	—	—	Dull, with showers.
30	29°79	29°80	45°5	46°0	42°0	46°0	1°5	6°8	2°70	1°77	89	57	E	E	—	—	—	—	—	Fine, clear and blowy.
Mean	29°754	29°770	45°8	45°8	41°9	49°6	2°5	2°8	2°55	2°48	82°1	80°0	—	—	—	—	—	—	—	

BRAEMAR.—NOVEMBER 1902.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches.
Long. 3° 24' W. Lat. 57° 0' N. Gravity Correction, +.030 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.		
							Dep. of Wet.		Vapour Pressure.		Percentage.									
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	ins.	☉ showers.
2	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	02	☉ showers.
3	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Fine day.
4	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	04	Fair a. Dull p.
5	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	02	Dull and damp.
6	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	07	☉ a. Dull day.
7	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	34	Dull and d. p.
8	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
9	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
10	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
11	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
12	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
13	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
14	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
15	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
16	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
17	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
18	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
19	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
20	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
21	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
22	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
23	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
24	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
25	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
26	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
27	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
28	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
29	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
30	28°58	28°88	48°	41°	39°	52°	3°	4°	257	170	77	65	N	6	NW	0°5	10	4	01	Dull and d. p.
Mean	28°599	28°606	41°1	40°7	36°5	45°9	2°0	2°1	221	214	84°0	83°1	1°5	1°5	7°3	7°0	3°15			

DUNDEE.—NOVEMBER 1902.

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

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.		
							Dep. of Wet.		Vapour Pressure.		Percentage.									
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.				
	ins.	ins.	°	°	°	°			in.	in.	%	%					ins.			
1	29.62	29.98	54.6	41.6	39.7	56.4	2.7	1.1	.352	.240	82	92	NW	4	NW	2	5	0	—	Fine day.
2	30.08		36.1	42.8	32.4	45.5	1.3	1.8	.188	.236	88	86	W	1	W	2	7	10	—	Cloudy day. ∞
3	29.75	.93	46.3	42.6	39.1	50.9	1.2	1.1	.285	.249	92	91	W	4	NE	1	10	10	—	Dull day. ● ⁰ noon.
4	.92	.80	47.8	49.8	40.9	51.5	1.0	1.1	.308	.330	93	92	SE	1	SE	4	10	10	—	● n. ∞
5	.63	.41	48.4	49.3	46.9	50.3	2.2	1.7	.286	.308	84	88	SE	4	SE	4	10	10	—	Dull day.
6	.40	.37	48.8	50.2	48.0	55.4	1.0	1.0	.321	.337	93	93	SE	1	SE	1	5	10	—	Dull till 11a.
7	.09	.26	50.7	46.5	45.5	52.5	0.8	1.7	.350	.277	94	88	SE	2	SW	1	10	10	—	Dull day.
8	.24	.03	44.3	43.8	40.2	48.9	1.4	0.9	.260	.266	89	93	SE	1	SE	4	5	10	—	● ⁷⁴ from 11a.
9	.02	.17	45.8	46.3	43.1	51.0	1.5	2.0	.274	.268	89	86	SW	1	NW	1	10	5	—	Dull and cloudy.
10	.46	.58	42.9	42.8	39.9	48.2	1.4	3.1	.246	.212	89	77	W	1	SW	1	5	5	—	∞
11	.55	.34	44.8	47.8	40.3	48.9	1.0	0.9	.273	.311	92	93	SE	1	SE	2	5	10	—	Dull from noon.
12	.38	.61	45.3	48.5	42.9	50.0	1.1	1.2	.277	.311	92	91	SW	1	SW	2	5	10	—	Dull day. ● n.
13	29.65	29.67	52.8	47.8	47.4	53.5	1.1	0.9	.369	.311	92	93	SW	2	SW	4	10	10	—	Dull day. ● n.
14	30.05	30.03	39.8	44.8	36.4	53.4	0.9	0.9	.227	.276	93	93	NW	1	NE	1	5	7	—	Fine day.
15	.13	.11	48.8	46.8	44.0	51.0	0.9	0.9	.323	.299	93	93	E	1	SW	1	10	7	—	Dull day.
16	.09	.18	41.8	42.1	39.4	48.0	1.0	1.4	.245	.238	92	89	S	1	SE	1	7	10	—	Dull from noon.
17	.25	.17	44.8	41.8	40.9	47.0	2.0	2.0	.252	.225	85	85	SE	1	SE	2	5	10	—	Dull day.
18	.34	.32	42.1	41.5	39.5	45.5	2.4	2.8	.219	.206	82	79	SE	1	SE	1	2	5	—	Dull from 2p.
19	.23	.18	42.5	41.9	40.5	43.4	3.8	4.7	.197	.176	73	67	SE	2	SE	1	5	5	—	Cloudy from noon.
20	.21	30.18	42.1	42.9	40.0	45.4	3.2	2.2	.204	.230	76	84	SE	1	SE	1	5	5	—	Cloudy day.
21	30.11	29.99	37.8	37.8	34.7	44.4	0.9	1.5	.210	.198	93	88	NW	1	SE	1	5	5	—	Fine till 2p.
22	29.80	.70	32.0	35.9	30.8	38.9	1.0	1.2	.157	.190	87	90	S	1	SE	1	7	10	—	Dull day.
23	.59	.57	38.8	37.8	35.4	44.4	0.8	0.8	.220	.210	94	93	W	1	W	1	10	10	—	Cloudy day. ● n.
24	.50	.31	34.8	45.5	31.4	46.2	0.9	1.8	.184	.263	92	87	NW	1	E	1	10	10	—	Dull day. ● n.
25	.23	.25	46.3	46.5	42.6	46.5	1.1	1.3	.288	.286	92	90	SE	1	SE	1	10	10	—	Dull day. ● showers.
26	.28	.36	46.6	46.6	44.4	47.0	0.8	1.7	.299	.278	95	88	SE	0.5	SE	1	10	10	—	Dull day. ● n.
27	29.38	29.22	43.8	41.5	40.5	47.4	0.9	1.3	.266	.234	93	90	N	1	E	1	10	10	—	Dull day. ● showers.
28	28.99	28.94	45.3	41.4	40.2	46.5	1.4	1.1	.270	.238	89	91	SE	8	SE	8	10	10	—	● from 7a.
29	29.21	29.38	38.6	45.6	36.2	46.7	0.9	0.9	.217	.286	93	94	N	1	SE	4	0	10	—	Dull from 2p. ● from 5p.
30	29.73	29.66	45.3	39.5	38.3	46.3	1.7	2.2	.263	.200	87	82	SE	4	SE	4	10	10	—	● showers n. and from 2p.
Mean	29.663	29.653	44.0	44.0	40.0	48.4	1.4	1.6	.261	.256	89.3	88.2		1.7		2.0	7.4	8.5	2.92	

GLASGOW.—NOVEMBER 1902.

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

1	29°70	30°00	52.2	42°5	42°5	54°5	1'6	2'6	348	218	89	80	W	2	W	1	8	0	—	Fine day.	
2	30°07	29°90	37°4	43°6	34°8	46°7	1'2	2'1	200	239	90	84	Calm	0	Calm	0	5	10	—	∞ ⁰ a. Dull and overcast.	
3	29°75	29°87	48°1	46°2	39°9	51°4	0'9	1'0	313	290	93	93	SW	1	Calm	0	9	10	008	Dull day. ∞ ² n.	
4	29°86	29°72	47°0	48°6	43°7	52°1	1'2	2'5	293	282	92	83	E	1	E	1	10	10	—	Dull day.	
5	29°52	29°49	48°4	49°9	47°8	51°6	4'3	1'8	242	313	72	88	E	1	E	1	9	10	038	Dull day. ∞ ⁰ n.	
6	29°32	29°21	54°4	51°8	49°3	56°2	2'4	2'7	356	316	84	82	S	1	E	1	8	10	086	∞ a. Cloudy day.	
7	28°98	29°24	54°9	46°2	46°0	56°1	2'4	1'9	364	270	85	87	E	1	S	1	10	4	040	∞ a. Dull, with ∞ showers.	
8	29°11	28°76	45°7	44°9	43°2	49°1	2'7	2'0	247	253	81	86	E	2	SW	3	8	6	363	Fine a. ∞ ² showers p.	
9	28°87	29°23	46°2	46°6	44°2	51°1	0'9	2'2	292	267	94	85	SW	1	W	2	10	10	257	Cloudy, with ∞ ² showers.	
10	29°45	29°51	45°9	49°2	43°2	50°1	1'6	2'8	273	283	89	81	SW	1	SE	1	8	8	—	Dull day.	
11	29°44	29°21	45°2	47°7	43°2	49°4	2'7	1'9	241	285	81	87	E	1	SE	1	10	10	486	Dull and overcast, with ∞.	
12	29°36	29°61	46°2	49°0	45°2	50°2	1'9	2'9	270	278	87	80	S	2	S	2	10	10	045	∞ ga. Overcast day. [ing.	
13	29°62	29°74	53°4	46°7	46°3	54°4	3'2	4'1	322	228	79	73	SW	2	SW	1	9	6	048	Dull. ∞ in afternoon. Fine even-	
14	30°08	30°06	42°4	46°2	41°5	49°7	1'4	2'7	241	253	89	82	E	1	E	1	8	10	022	Cloudy, with ∞, ∞ n.	
15	29°09	29°02	51°6	49°0	45°4	53°7	2'9	3'0	309	276	80	79	S	1	SE	1	10	6	—	Dull day. ∞ (mist).	
16	29°06	29°14	44°2	43°5	43°1	49°9	3'2	4'2	222	197	76	70	SE	1	SE	1	10	10	—	Dull and overcast.	
17	29°19	29°20	41°2	38°6	38°1	46°3	2'9	2'7	201	183	78	79	E	1	E	1	8	4	—	Cloudy day. Fine evening.	
18	29°22	29°37	37°1	36°4	35°8	43°6	3'1	2'9	164	163	74	76	NE	2	E	2	3	0	—	∞ a.	
19	29°14	29°11	39°2	39°5	35°3	41°8	3'9	4'0	167	169	71	70	E	1	E	1	8	8	—	Dull and cloudy.	
20	29°16	30°10	39°6	39°0	37°0	43°9	2'9	2'4	189	192	77	81	E	1	E	2	7	3	—	∞ a. and n. ∞	
21	30°02	29°87	34°3	33°7	32°7	39°8	1'6	2'9	167	137	84	71	E	1	NE	1	3	3	—	∞ a. Overcast, with ∞.	
22	29°73	29°59	35°1	36°9	32°4	38°3	3'1	0'7	147	205	71	94	E	1	E	1	10	10	355	Dull, with ∞ showers.	
23	29°56	29°38	42°6	41°9	36°1	46°3	1'1	0'9	249	246	91	93	SW	1	S	1	10	9	072	Dull and overcast. ∞ n.	
24	29°42	29°15	38°2	43°9	36°9	44°3	1'2	0'7	206	270	90	95	E	1	E	2	10	10	292	∞ ⁰ a. Dull and cloudy.	
25	29°13	29°17	46°3	46°2	43°6	49°1	1'0	1'2	290	285	93	92	E	1	E	1	9	8	040	Overcast. ∞ (mist) ∞.	
26	29°22	29°33	45°5	47°5	45°1	47°9	1'0	1'7	282	287	93	88	E	1	S	1	10	10	049	∞ (mist) a. Dull and cloudy.	
27	29°33	29°13	45°9	44°4	43°9	47°9	1'2	2'8	283	232	93	79	Calm	0	E	1	10	8	180	∞ ⁰ (mist) a. Dull and cloudy.	
28	28°89	28°83	47°2	44°2	40°9	47°5	1'7	1'0	285	268	89	93	SE	1	Calm	0	10	10	315	Overcast, with ∞.	
29	29°16	29°33	38°5	43°4	38°0	45°1	1'1	1'0	211	260	91	92	E	1	E	1	3	10	023	∞ a. and p. Dull day.	
30	29°55	29°53	43°9	39°3	38°9	45°5	1'8	2'0	247	202	86	84	E	1	E	2	10	9	—	Dull and overcast.	
Mean	29°600	29°588	44°6	44°2	41°1	48°5	2'1	2'2	254	245	84°7	83°6	1°1	1°2	8°4	7°7	2°619				

COCKLE PARK (NEAR MORPETH).—NOVEMBER 1902.

Height above Mean Sea Level, 324 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 41' W. Lat. 55° 13' N. Gravity Correction, +026 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.				Cloud Amount.		Rain, 24 hours begin- ning	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.									
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.							9 a.m.	9 p.m.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.			
1	29° 52	29° 83	54° 0	38° 0	37° 0	56° 0	3° 0	1° 0	° 334	° 208	80	91	W	9	NW	4	5	0	° 020	☔ showers.
2	° 90	° 80	45° 0	42° 0	32° 0	49° 0	3° 0	1° 0	° 233	° 245	78	92	S	3	SW	3	3	2	—	Fine day.
3	° 61	° 74	49° 0	46° 0	35° 0	52° 0	4° 0	1° 0	° 255	° 287	73	93	W	6	NW	2	8	4	—	Fine day.
4	° 74	° 63	48° 0	48° 0	43° 0	53° 0	0° 0	1° 0	° 335	° 309	100	93	Calm	0	SE	5	10	3	—	☔ a. and n. Fine day.
5	° 44	° 21	48° 0	49° 0	46° 0	49° 0	2° 0	0° 0	° 285	° 348	86	100	SE	5	SE	3	9	10	° 090	☔ a. Dull, with ☔. ☔ n.
6	29° 25	° 17	52° 0	50° 0	47° 0	56° 0	1° 0	0° 0	° 361	° 361	93	100	S	3	SE	6	9	10	° 102	☔.
7	28° 93	29° 18	52° 0	43° 0	41° 0	54° 0	0° 0	2° 0	° 388	° 234	100	84	SE	5	S	3	10	2	—	☔ a.
8	29° 09	28° 78	42° 0	43° 0	35° 0	48° 0	1° 0	2° 0	° 245	° 234	92	84	SE	3	S	5	10	6	° 282	☔ a. ☔ p.
9	28° 84	29° 14	48° 0	46° 0	42° 0	50° 0	3° 0	2° 0	° 263	° 265	79	86	S	3	W	6	10	7	—	
10	29° 34	° 45	45° 0	41° 0	38° 0	52° 0	2° 0	1° 0	° 253	° 235	85	92	W	6	SW	3	1	1	—	Fine and sunny.
11	° 40	° 20	45° 0	46° 0	38° 0	49° 0	1° 0	1° 0	° 275	° 287	92	93	SE	4	SE	6	10	10	° 143	☔ (mist) a. ☔ showers n.
12	° 35	° 56	44° 0	44° 0	41° 0	54° 0	2° 0	1° 0	° 244	° 265	84	92	S	2	S	4	3	1	—	Fine and sunny.
13	° 59	29° 62	49° 0	50° 0	41° 0	53° 0	1° 0	3° 0	° 322	° 286	93	80	S	4	W	7	9	6	—	
14	29° 99	30° 00	44° 0	45° 0	41° 0	53° 0	3° 0	1° 0	° 224	° 275	77	92	SW	3	SE	4	4	10	° 010	Fair a.
15	30° 01	29° 96	49° 0	47° 0	45° 0	51° 0	1° 0	0° 0	° 322	° 298	93	93	SE	4	SE	4	10	10	—	Dull day.
16	29° 95	29° 99	45° 0	40° 0	38° 0	47° 0	2° 0	0° 0	° 225	° 247	85	100	SE	3	SE	2	10	10	—	Dull day.
17	30° 04	30° 04	43° 0	42° 0	40° 0	45° 0	3° 0	3° 0	° 215	° 207	78	78	SE	4	E	4	4	1	—	Fine and sunny.
18	30° 07	30° 05	41° 0	40° 0	34° 0	44° 0	3° 0	3° 0	° 197	° 189	77	76	SE	2	E	7	2	8	—	Fine and sunny.
19	29° 98	29° 93	40° 0	41° 0	38° 0	45° 0	4° 0	4° 0	° 172	° 180	69	70	NE	7	E	6	8	7	—	
20	° 98	° 97	43° 0	43° 0	40° 0	45° 0	4° 0	3° 0	° 197	° 215	71	78	E	5	SE	5	7	7	—	Fine day.
21	° 92	° 80	32° 0	34° 0	28° 0	43° 0	1° 0	1° 0	° 157	° 176	87	89	SW	1	S	4	1	0	—	Fine and frosty.
22	° 69	° 52	31° 0	32° 0	29° 0	34° 0	1° 0	0° 0	° 148	° 182	85	100	S	3	S	5	6	6	° 022	☔ (mist). Fine day. ☔ p.
23	° 46	° 39	40° 0	36° 0	28° 0	46° 0	1° 0	0° 0	° 226	° 212	92	100	S	2	NW	3	7	3	° 012	☔ (mist) a. Fine and frosty.
24	° 33	° 07	35° 0	45° 0	29° 0	46° 0	0° 0	0° 0	° 204	° 399	100	100	S	3	SE	7	8	10	° 312	☔ (mist) ga. ☔ n.
25	° 01	° 05	47° 0	46° 0	44° 0	48° 0	0° 0	0° 0	° 323	° 311	100	100	SE	5	SE	5	10	10	° 088	☔ all day.
26	° 12	° 21	46° 0	44° 0	43° 0	47° 0	0° 0	0° 0	° 311	° 288	100	100	SE	3	SW	1	10	10	° 015	☔.
27	29° 23	29° 20	42° 0	44° 0	38° 0	46° 0	0° 0	1° 0	° 267	° 265	100	92	S	1	S	5	10	4	—	Dull, with ☔.
28	28° 87	28° 76	44° 0	42° 0	41° 0	46° 0	1° 0	2° 0	° 265	° 225	92	85	SE	4	SW	4	10	10	° 200	Dull, with ☔. ☔.
29	29° 07	29° 20	36° 0	46° 0	30° 0	46° 0	0° 0	2° 0	° 212	° 265	100	86	NE	1	SE	5	5	10	° 070	☔ a. ☔ p.
30	29° 42	29° 42	44° 0	41° 0	38° 0	46° 0	3° 0	2° 0	° 224	° 215	77	84	SE	5	NE	5	10	10	° 090	Dull, with ☔.
Mean	29° 504	29° 493	44° 0	43° 1	38° 0	48° 4	1° 7	1° 3	° 256	° 254	87° 3	90° 1	3° 6				7° 3	6° 3	1° 456	

CRONKBORNE.—NOVEMBER 1902.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29' W. Lat. 54° 10' N. Gravity Correction, +.024 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.			Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	ins.
2	29.92	30.08	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	Cloudy a. Overcast p. ● showers.
3	29.90	30.00	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	Fine day. —
4	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	● a. Dull a. Fine afternoon. —
5	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	Dull, with (mist). Squally (gale).
6	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	(mist) a. ● showers after 4p.
7	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	Dull day. ● after 4p.
8	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	(gale) a. ● showers. ● 9p.
9	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	Squally (gale) a. ● showers.
10	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	Cloudy day. ● showers.
11	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	● a. ● showers after 3p.
12	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	Squally ●.
13	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	— Fine day. Fresh breeze.
14	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	Squally ●. ● after 4p.
15	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	— in afternoon.
16	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	Cloudy day. ● p.
17	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	Overcast day.
18	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	— Fine day. Fresh breeze.
19	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	Cloudy day. (gale).
20	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	Cloudy day. Strong breeze.
21	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	Cloudy day. Squally.
22	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	Cloudy day. (gale).
23	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	Overcast, with ● showers.
24	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	— Fine day.
25	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	Overcast day. ● in afternoon.
26	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	Overcast day. ● 9p.
27	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	● a. Overcast day. (mist).
28	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	— Fine a. Dull afternoon. ● n.
29	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	● a. Overcast, with ●.
30	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	● a. and p. Dull day.
Mean	29.87	29.93	53.3	44.2	43.2	56.6	2.2	2.2	in.	in.	W	3-4	NW	1	2	Overcast day. Squally p.

STONYHURST.—NOVEMBER 1902.

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

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.			Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	29.67	29.82	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	Dull day. ● shower p.
2	29.72	29.79	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— a. Cloudy day.
3	29.71	29.73	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— (mist).
4	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	Cloudy, with (mist).
5	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	● (mist).
6	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	(mist) a. and p.
7	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— Fine day. — p.
8	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	● showers a. Dull day.
9	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	Cloudy day.
10	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— p.
11	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— Fine and sunny.
12	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	(mist) a. Cloudy day.
13	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— (mist).
14	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— (mist) a.
15	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— Dull and gloomy.
16	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— Fine and sunny.
17	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— Fine and sunny.
18	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— Fine and sunny.
19	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— Fine and sunny.
20	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— Fine and sunny.
21	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— Fine and sunny.
22	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— Fine and sunny.
23	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— Fine and sunny.
24	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— Fine and sunny.
25	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— Fine and sunny.
26	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— Fine and sunny.
27	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— Fine and sunny.
28	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— Fine and sunny.
29	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— Fine and sunny.
30	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	— Fine and sunny.
Mean	29.69	29.76	52.0	42.2	42.0	53.3	1.1	2.0	35.8	22.7	W	4	Calm	0	10	

HILLINGTON.—NOVEMBER 1902.

Height above Mean Sea Level, 88 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 3 feet 6 inches.
Long. 0° 33' E. Lat. 52° 48' N. Gravity Correction, +.021 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning.	Remarks.	
								Dep. of Wet.	Vapour Pressure.		Percentage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.		9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.				
	ins.	ins.	"	"	"	"	"	"	in.	in.	%	%					ins.	
1	29.90	30.04	52.0	50.0	48.0	58.6	1.8	1.8	.340	.315	88	83	SW 2	SW 2	4	6	.08	Lovely springlike day.
2	30.21	30.10	42.5	39.0	36.6	52.7	1.0	0.7	.250	.224	92	94	E 2	E 1	0	0	—	Very fine and sunny.
3	.05	29.99	45.8	43.8	38.5	51.4	1.1	0.3	.283	.270	91	97	Calm 0	Calm 0	4	1	.01	Cloudy day. ☉ n.
4	30.06	.95	43.2	46.2	35.5	52.6	0.4	2.5	.270	.255	97	81	Calm 0	SE 3	5	10	—	Sun and cloud.
5	29.65	.55	49.8	53.2	40.1	54.6	2.1	0.6	.305	.388	85	96	SE 4	SE 2	6	10	.12	Cloudy day. ☉ in afternoon.
6	.60	.45	52.0	54.1	48.0	59.4	0.7	0.5	.369	.404	95	96	SE 2	SE 5	10	6	—	Delightful day.
7	.39	.50	53.1	49.5	49.5	56.7	0.4	1.5	.393	.316	97	89	SW 4	SW 2	5	0	.03	Fine and sunny.
8	.46	.28	48.0	45.1	42.0	53.0	0.2	0.4	.330	.290	99	97	S 2	W 1	6	0	.10	Fine day. Clear evening.
9	.39	.60	46.1	43.0	41.2	52.6	0.5	0.3	.299	.270	96	97	SW 3	Calm 0	5	0	.02	Lovely day. ☉ n.
10	.76	.85	43.2	45.0	39.4	53.2	0.7	1.4	.284	.266	94	89	W 2	Calm 0	4	5	—	Very fine and sunny.
11	.70	.55	47.9	49.0	40.8	51.8	1.3	0.5	.302	.335	90	96	SE 2	SW 3	6	10	.15	Sunny a. Dull, with ☉ p.
12	29.80	29.95	50.5	37.5	36.6	54.4	1.1	0.3	.339	.218	92	97	SW 2	Calm 0	10	0	.01	Cloudy day. Magnificent sunset.
13	30.06	30.05	41.0	45.0	34.8	52.4	2.0	0.4	.216	.289	84	97	Calm 0	Calm 0	4	0	—	Fine and sunny. ☐
14	.20	.25	45.8	44.0	40.8	51.6	2.0	0.3	.257	.282	85	98	SW 1	Calm 0	6	10	—	Fair and mild.
15	.29	.20	46.8	48.1	41.7	49.4	0.1	2.4	.318	.236	99	82	Calm 0	SE 3	10	10	—	~~~~~ ⁰ (mist) a. Cold wind p.
16	.20	.22	43.2	44.1	41.0	44.5	2.4	2.5	.228	.234	82	81	SE 2	SE 2	10	10	—	~~~~~ ⁰ Very overcast.
17	.27	.27	37.2	37.1	30.9	44.5	1.4	1.4	.194	.193	87	87	SE 2	SE 3	0	0	—	☐. Beautiful day.
18	.30	.17	35.9	33.9	32.8	39.3	1.3	1.7	.186	.161	88	82	SE 3	SE 2	0	0	—	☐. Beautiful day.
19	.07	.08	34.4	33.0	31.0	37.4	2.4	0.8	.152	.171	76	90	SE 4	Calm 0	7	10	—	Overcast, then sunny.
20	.13	.13	34.9	34.5	32.9	36.6	0.3	0.7	.196	.186	96	93	SE 2	Calm 0	10	10	—	Sunless, cold and dreary.
21	.18	30.10	33.9	31.0	29.0	43.3	0.5	0.2	.284	.169	94	97	Calm 0	E 1	6	0	—	Overcast, then fine and sunny.
22	30.05	29.91	31.6	33.9	26.0	35.5	1.0	1.2	.154	.170	87	87	SW 1	SW 1	10	10	.01	☐. Very cold wretched day.
23	29.83	.83	40.9	37.1	33.2	46.5	0.2	0.4	.251	.213	98	96	SW 1	Calm 0	10	10	.01	Damp ~~~~~ ⁰ (mist) from 8a.
24	.68	.32	38.0	46.4	33.1	47.5	0.2	0.5	.225	.303	98	96	SW 1	S 1	10	10	.32	Very damp ~~~~~ ⁰ (mist). ☉ from 3p.
25	.23	.22	47.9	48.0	45.7	50.3	1.1	1.2	.306	.305	91	91	SE 3	SE 3	10	10	.01	Overcast, damp and mild.
26	.29	.45	45.9	45.2	45.1	49.4	0.4	0.5	.299	.289	97	96	ESE 2	Calm 0	10	10	.01	Damp day. ~~~~~ ⁰ (mist) p.
27	.53	.47	35.0	40.2	33.0	46.6	0.2	0.5	.199	.238	98	96	Calm 0	SW 1	8	10	—	~~~~~ ⁰ (mist), then delightful day.
28	.21	.20	46.2	40.5	38.0	48.4	1.1	0.5	.287	.241	91	96	S 3	S 2	10	0	.05	Gloomy and sunless. ☉ p.
29	.31	.40	43.0	44.0	34.3	47.5	0.9	1.2	.257	.261	93	90	Calm 0	SE 2	10	7	.10	Cloudy day.
30	29.40	29.50	43.0	42.0	41.8	45.2	0.4	0.3	.268	.260	97	97	SE 5	E 4	10	10	.36	☉ a. and p.
Mean	29.805	29.786	43.3	42.8	38.0	48.9	1.0	0.9	.264	.260	91.9	92.3	1.8	1.5	6.9	5.8	1.39	

CAMBRIDGE.—NOVEMBER 1902.

Height above Mean Sea Level, 83 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 9½ inches.
Long. 0° 6' E. Lat. 52° 13' N. Gravity Correction, +019 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.					Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.	
							Dep. of Wet.		Vapour Pressure.		Percentage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	30°00	30°07	53°0	50°1	46°7	62°5	2°4	1°3	337	338	84	91	WSW 2	NW 1	10	10	—	Clear and sunny.
2	22	13	38°7	41°3	34°4	53°9	0°4	1°0	227	239	97	92	Calm 0	E 1	10	2	—	☁ a. Fine day.
3	05	30°05	46°4	39°1	38°2	51°1	1°2	0°1	287	237	91	99	Calm 0	Calm 0	10	10	—	☁ a. Fine day.
4	30°03	29°85	36°4	45°1	30°2	55°2	0°2	1°8	212	259	98	86	S 1	E 2	8	10	—	☁ a. Fine day.
5	29°65	54	49°0	54°4	36°9	55°3	1°0	0°7	322	404	93	06	ESE 2	SE 3	10	5	109	☁ a. ☁ showers all day.
6	59	37	52°4	54°3	48°0	60°3	0°2	3°1	388	336	99	79	SE 1	SE 4	10	10	033	☁ a. ☁ showers all day.
7	41	60	53°0	48°2	47°0	59°2	2°5	1°3	335	395	93	91	SW 4	S 2	9	2	—	☁ a. Fine day.
8	47	38	50°2	44°8	41°8	54°1	1°9	1°6	315	260	87	88	S 4	SW 2	10	0	080	☁ a. Fine day.
9	42	62	47°7	45°0	41°0	55°7	2°4	0°7	274	282	83	94	SSW 4	SW 3	0	7	—	☁ a. Fine day.
10	79	82	45°8	46°5	38°3	60°5	0°7	0°8	292	298	95	94	SW 1	SSW 1	10	6	—	☁ a. Fine day.
11	67	29°55	45°9	49°7	41°1	51°1	0°8	1°6	290	316	94	89	ESE 4	S 4	10	10	044	☁ a. ☁ in afternoon.
12	29°81	30°03	50°3	40°0	39°2	58°1	0°6	0°5	350	237	96	96	SW 2	SW 1	10	0	—	☁ a. Fine day.
13	30°08	11	41°8	42°0	33°7	55°0	0°2	0°6	261	254	98	95	S 2	S 1	7	0	—	☁ a. Fine day.
14	23	31	47°0	49°6	39°2	54°0	0°6	0°7	308	337	96	95	S 1	S 1	10	10	—	☁ a. Fine day.
15	30	19	44°1	44°4	39°4	50°8	0°3	1°7	282	255	97	88	E 1	E 4	10	10	—	☁ a. Fine day.
16	21	25	43°4	38°0	34°3	46°3	1°6	0°9	247	210	87	92	E 1	E 1	10	10	—	☁ a. Fine day.
17	28	29	32°3	32°3	29°0	46°6	0°3	0°0	178	184	97	100	E 1	ENE 1	0	10	—	☁ a. Fine day.
18	30	19	29°6	32°2	26°0	41°1	0°3	1°4	156	151	95	83	NE 1	E 5	0	7	—	☁ a. Fine day.
19	08	05	33°0	32°3	30°9	36°3	0°6	0°2	175	180	93	98	NE 4	E 2	10	10	—	☁ a. Fine day.
20	11	23	33°7	33°8	31°0	36°2	1°3	1°4	167	166	86	85	Calm 0	E 1	10	10	—	☁ a. Fine day.
21	21	30°09	33°1	27°8	27°0	41°0	0°7	0°1	174	149	92	98	Calm 0	Calm 0	10	10	—	☁ a. Fine day.
22	30°06	29°93	33°1	35°3	27°0	36°0	1°1	1°2	166	183	88	89	S 2	S 3	10	10	—	☁ a. Fine day.
23	29°86	86	42°0	39°1	34°0	51°9	0°2	0°4	263	231	98	97	SW 1	SW 2	2	0	—	☁ a. Fine day.
24	67	32	39°3	48°0	31°0	48°1	0°3	0°2	234	330	98	99	Calm 0	SE 1	10	10	356	☁ a. Fine day.
25	21	21	47°3	48°1	43°7	53°1	0°2	0°3	321	329	99	98	SE 3	SE 3	10	10	108	☁ a. Fine day.
26	32	45	47°0	46°3	45°2	49°3	0°2	0°2	318	309	99	99	E 1	E 1	10	10	063	☁ a. Fine day.
27	54	48	42°0	45°0	40°3	51°9	0°2	0°8	263	280	98	94	Calm 0	S 2	10	10	—	☁ a. Fine day.
28	18	26	47°9	37°3	36°2	50°0	1°5	0°3	296	216	90	97	S 7	SSW 2	10	0	100	☁ a. Fine day.
29	31	39	44°7	45°1	34°6	50°2	0°5	0°8	283	281	96	93	SE 2	SE 2	10	10	140	☁ a. Fine day.
30	29°44	29°52	45°0	43°5	42°2	46°0	0°2	0°2	294	278	98	98	E 3	NE 2	10	10	258	☁ a. Fine day.
Mean	29°816	29°804	43°2	42°6	36°9	50°6	0°8	0°9	267	261	93°5	93°1	1°8	1°9	8°5	7°3	1°291	

ST DAVID'S, PEMBROKE.—NOVEMBER 1902.

Height above Mean Sea Level, 215 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 16' W. Lat. 51° 53' N. Gravity Correction, +018 in.

1	29°94	29°98	52°7	51°7	55°6	1°2	1°3	365	349	92	91	WNW	NNW	4	7	10	—	Fine and sunny.		
2	30°03	30°06	47°2	47°4	45°1	1°9	0°9	280	306	87	94	NNE	ESE	2	4	3	—	☁ a. Fine and sunny.		
3	29°89	29°85	49°5	49°4	44°0	1°2	0°9	349	330	98	94	SE	1	Calm	0	2	—	☁ a.		
4	29°74	29°49	48°7	45°5	43°9	1°0	0°0	374	259	93	86	SE	3	SE	7	9	1	Fine and sunny. Squally p.		
5	29°28	29°24	48°3	53°7	44°6	0°8	0°2	319	408	95	99	SE	6	SSE	6	10	3	Squally (gale) a. showers p.		
6	29°26	28°93	53°6	54°4	53°2	0°0	0°7	412	404	100	96	SE	5	ESE	7	8	10	Squally from 3p.		
7	29°15	29°32	50°5	49°3	47°1	0°9	1°9	295	304	81	87	SSE	7	SSW	4	10	5	Squally a. and p. [val		
8	28°90	29°07	45°5	49°4	45°4	0°0	1°9	395	395	100	88	SSE	7	WSW	7	4	8	725 Squally a. and p.		
9	29°22	29°52	48°5	49°2	47°3	0°3	2°5	334	289	97	83	W	7	W	5	10	10	150 Squally a. Sunny inte		
10	29°54	29°43	51°3	50°2	48°2	0°4	0°7	324	286	85	96	SSW	4	SSW	4	10	10	120 Squally showers a. Sunny		
11	29°16	29°30	49°0	49°5	48°4	0°5	1°0	335	348	97	93	SE	7	SW	3	10	9	170 showers a.		
12	29°64	29°81	50°5	50°5	47°2	0°4	0°3	297	342	81	93	SW	4	SW	4	5	5	675 Squally showers a.		
13	29°77	29°86	52°8	52°0	50°1	1°3	0°0	364	388	91	100	SSW	6	SW	4	10	10	050 Sunny intervals.		
14	29°99	30°06	53°5	50°7	50°0	0°8	0°2	411	366	100	99	S	4	SSE	3	10	1	042 showers a. and p.		
15	30°01	29°93	48°2	46°5	45°7	0°0	1°6	317	279	95	88	SE	4	SSE	5	2	10	—	Sunny intervals.	
16	29°93	29°99	46°5	41°4	41°0	1°3	1°7	286	226	90	88	SE	3	SE	3	10	9	—	Sunny intervals.	
17	30°01	30°01	41°7	36°5	35°7	1°4	2°0	235	179	89	83	ESE	5	E	5	10	0	—	Sunny intervals.	
18	29°97	29°95	34°5	31°2	30°8	2°1	2°5	159	119	79	68	E	5	ESE	5	0	0	—	Clear and sunny.	
19	29°92	29°93	30°2	30°7	24°1	33°9	1°5	1°8	131	129	77	74	ENE	4	ENE	3	9	10	—	☁ (mist) a. and p.
20	29°98	29°96	32°7	36°0	26°1	38°1	1°2	1°7	161	180	86	85	ESE	4	ESE	4	9	10	—	Brief sunny intervals.
21	29°83	29°69	39°5	40°4	33°2	43°5	1°0	0°4	222	242	92	97	SE	6	SE	7	7	10	—	Squally showers p. [noon
22	29°68	29°63	44°5	47°3	40°0	49°1	0°1	0°8	290	307	99	95	SE	5	SW	4	10	4	462 Squally (gale) showers a.	
23	29°72	29°66	50°1	46°8	45°2	51°2	1°6	0°3	321	315	89	99	WSW	4	W	4	7	0	122 showers a. Sunny p.	
24	29°19	28°84	49°5	51°0	46°2	54°1	0°0	1°5	355	336	100	90	SE	6	S	6	10	5	264 showers a.	
25	28°69	28°99	49°8	48°5	48°0	54°2	0°5	0°0	346	342	97	100	ENE	7	NE	3	9	10	130 Squally showers a. 8p.	
26	29°13	29°34	48°5	47°9	45°6	50°3	0°0	0°9	342	310	100	94	NNW	3	NW	3	10	8	080 showers a.	
27	29°39	29°01	44°5	50°4	40°2	51°1	0°5	0°0	281	366	96	100	ESE	2	SSW	7	4	10	322 Sunny intervals. showers p.	
28	28°85	28°96	44°6	45°5	44°7	52°2	0°3	1°1	303	280	98	92	NNW	5	SW	4	10	10	212 (gale) n. showers a. 8p.	
29	28°97	29°12	45°3	44°5	43°1	49°3	0°9	0°1	283	290	94	99	SSE	3	SSW	4	5	10	044 Sunny intervals. 9p.	
30	29°31	29°36	41°9	45°0	38°2	46°6	0°5	0°5	255	287	96	96	NNE	3	ENE	1	10	5	252 Sunny intervals p.	
Mean	29°536	29°540	46°5	46°4	43°1	50°7	1°0	1°1	300	298	92°5	91°6	4°5	4°3	7°9	6°6	4°200			

WOOLACOMBE.—NOVEMBER 1902.

Height above Mean Sea Level, 59 feet. Heights above Ground:—Bar., 20 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 4° 12' W. Lat. 51° 10' N. Gravity Correction, +016 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.				
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.						
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.							9 a.m.	9 p.m.		
1	ins.	ins.	55°	52°	48°	56°	1°	1°	in.	in.	%	%	NW	2	NE	2	9	1	ins.	—	Dull day. ☁ p.	
2	30°11	30°13	55°	52°	48°	56°	1°	1°	308	324	83	88	SW	2	NE	2	9	0	—	☁ a.	Dull, with ∞.	
3	30°06	30°00	52°	47°	45°	57°	2°	1°	336	288	85	87	NE	2	E	2	6	0	—	☁	Dull day.	
4	29°88	29°73	53°	47°	43°	56°	3°	2°	309	266	77	80	E	4	E	4	1	3	01	☁	Very fine.	
5	44	47	53°	54°	46°	57°	1°	1°	364	393	80	92	SE	5	SE	3	9	1	07	☁	Dull, with ☁.	
6	42	49	56°	57°	46°	58°	2°	1°	394	428	87	89	SE	4	SE	4	5	6	10	☁	9.30 a. Dull, with ☁.	
7	39	54	50°	47°	47°	59°	2°	1°	318	299	86	90	SW	4	SW	4	5	6	29	☁	8 a. and 10 a. Rough sea.	
8	46	34	50°	52°	46°	54°	2°	3°	293	313	80	80	SW	4	SW	6	9	7	08	☁	Squally ☁ a. ☁ sp. ☁ in evening.	
9	48	71	50°	57°	49°	53°	2°	2°	318	331	86	86	SW	5	SW	5	10	6	26	☁	☁ (force 7) noon.	
10	76	64	49°	49°	47°	52°	2°	1°	296	313	85	88	SE	5	SE	4	10	6	01	☁	Rough sea. ☁ sp.	
11	35	29°50	51°	53°	49°	54°	1°	2°	331	344	88	83	SE	5	SW	4	9	9	08	☁	Gloomy, with ☁.	
12	29°86	30°03	53°	48°	46°	56°	4°	2°	292	287	72	83	SW	4	S	3	2	1	01	☁	Very fine. ☁ 4 p.	
13	30°04	05	50°	51°	46°	54°	2°	1°	316	344	86	90	SE	4	SE	3	8	9	—	☁	☁ a. ☁ 5.30 p.	
14	19	23	54°	51°	49°	58°	1°	1°	377	339	88	90	SE	3	E	4	6	1	—	☁	p. Heavy ground sea.	
15	18	12	49°	46°	43°	51°	2°	3°	295	240	82	77	E	4	E	3	5	6	—	☁	☁ a. Heavy ground sea.	
16	12	17	47°	44°	44°	47°	3°	2°	252	237	78	80	E	3	E	3	9	10	—	☁	☁ all day.	
17	15	16	42°	37°	35°	47°	2°	9°	215	172	78	83	E	3	Calm	0	1	0	—	☁	☁ a.	
18	19	09	35°	33°	30°	40°	2°	7°	157	142	76	72	E	2	E	4	0	1	—	☁	☁ a.	
19	07	06	32°	33°	30°	34°	1°	0°	162	172	87	90	E	4	E	1	9	10	—	☁	Overcast, with cold wind.	
20	14	30°14	35°	30°	30°	37°	2°	1°	167	146	78	84	NE	3	E	2	9	1	—	☁	☁ a. Very fine.	
21	30°02	29°89	39°	41°	30°	44°	2°	5°	21	193	222	80	83	E	3	SE	4	1	10	06	☁	☁ a. Very rough sea.
22	29°88	85	43°	49°	41°	49°	2°	0°	267	306	93	93	SE	4	SE	3	7	9	20	☁	Rough sea.	
23	91	86	50°	46°	45°	53°	2°	1°	318	295	86	91	SW	4	SE	3	5	3	10	☁	Very rough ground sea ☁ p.	
24	29°36	07	52°	52°	44°	50°	1°	3°	370	293	93	75	SE	4	SE	4	10	2	19	☁	☁ p.	
25	28°36	16	52°	50°	50°	54°	2°	1°	344	336	86	90	SE	4	NE	4	6	9	18	☁	☁ p.	
26	29°31	43	48°	49°	47°	51°	1°	1°	318	325	92	92	SE	1	Calm	0	10	4	22	☁	Very rough sea, with almost dead	
27	56	27	47°	49°	44°	51°	2°	5°	270	311	81	88	NE	1	SE	4	2	5	81	☁	Visibility early a.	
28	04	18	46°	40°	40°	53°	1°	3°	289	229	90	89	S	4	E	4	10	0	18	☁	☁ p. and ☁ p. Rough sea all day.	
29	18	26	42°	47°	39°	49°	1°	5°	238	278	87	84	SE	3	SE	3	7	2	15	☁	Very rough sea.	
30	29°42	29°54	46°	46°	45°	47°	2°	3°	266	283	83	90	NE	2	NE	1	10	5	12	☁	Gloomy and overcast.	
Mean	29°724	29°728	48°	47°	43°	51°	2°	1°	292	287	84°	86°	3°	4	3°	1	6°	4°	3°	32	☁	

PLYMOUTH.—NOVEMBER 1902.

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 0 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 4° 8' W. Lat. 50° 22' N. Gravity Correction, +.015 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.			Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.	Vapour Pressure.	Percentage.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	Fine and sunny.
2	30.04	30.08	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	Fine, but cloudy.
3	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	Fine, but cloudy.
4	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	Beautifully fine and sunny.
5	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	Frequent showers.
6	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	showers. Sunny intervals.
7	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	early a. Sunny p.
8	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	showers. Sunny intervals.
9	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	showers. Sunny intervals.
10	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	all day.
11	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	Fine and sunny.
12	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	Fine day.
13	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	Fine and sunny.
14	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	Fine and sunny.
15	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	Fine, but cloudy.
16	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	Fine day.
17	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	Fine, but with cold wind.
18	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	Fine, but very cold.
19	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	Fine day.
20	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	Squally and unsettled.
21	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	showers.
22	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	Fine and sunny.
23	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	all day.
24	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	all day.
25	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	all day.
26	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	all day.
27	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	all day.
28	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	all day.
29	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	all day.
30	30.07	30.11	55.8	54.3	40.2	62.0	1.9	2.9	392	341	87	80	9	—	ins.	all day.
Mean	29.671	29.688	48.5	48.3	43.8	52.9	1.9	2.0	301	297	86.1	84.9	4.6	4.8	6.8	5.99

ARMAGH.—NOVEMBER 1902.

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

1	29.85	30.05	52.6	41.6	41.6	55.0	1.2	1.6	364	229	92	88	SW	1	NNW 0.5	10	10	0.012	Overcast all day.
2	30.05	30.11	44.8	40.8	40.0	48.2	1.6	2.8	260	199	88	78	NNW	1	SW	10	9	—	—
3	29.80	29.82	49.4	43.0	40.7	55.4	0.8	2.9	333	217	94	79	SW	2	WSW 1	5	2	—	—
4	75	53	52.1	47.1	42.5	55.0	3.1	1.8	309	281	79	87	SSE	2	ESE 1	8	10	—	—
5	32	29.13	47.6	50.6	43.8	51.0	2.0	0.5	282	355	86	97	ESE	3	SSE 3	10	10	0.050	Overcast all day.
6	29.23	28.99	48.4	51.8	48.0	55.1	0.8	1.8	321	338	94	87	SW	1	E 3	10	10	0.340	● p.
7	28.93	29.19	45.8	40.2	40.2	55.0	0.5	1.1	297	226	96	91	W	1	SSW 3	10	0	0.300	—
8	28.83	28.73	44.6	44.6	40.2	50.2	0.3	2.5	287	239	97	81	SSE	3	SW 5	10	10	0.538	—
9	29.06	29.38	45.1	43.4	43.0	53.6	1.1	2.2	274	234	91	83	W	2	SW 2	9	9	—	—
10	44	37	45.3	47.3	39.8	51.7	2.9	2.4	239	270	79	83	S	3	SSE 3	9	10	0.152	—
11	48	43	47.5	44.6	44.6	52.0	1.6	1.0	290	272	88	93	SE	5	SSW 3	10	8	0.172	—
12	42	60	45.2	49.1	44.0	51.0	1.4	3.3	269	271	90	77	SSW	4	SW 4	7	10	—	Fine and sunny.
13	29.53	29.53	52.6	41.6	41.6	54.8	2.2	2.6	337	210	85	80	S	5	SW 1	10	2	0.022	—
14	30.02	30.02	59.4	50.0	34.8	53.0	2.4	1.6	195	319	81	89	SW	1	S 2	2	6	—	Fine and sunny.
15	29.97	29.88	48.4	47.1	45.0	53.2	1.8	2.1	295	274	87	85	SSE	3	SSE 3	0	9	—	Fine and sunny.
16	29.93	30.01	48.2	44.1	44.1	49.8	2.6	1.0	274	266	82	92	SSW	2	ESE 1	10	10	0.007	Overcast all day.
17	30.03	30.03	43.4	38.6	38.6	47.8	2.8	1.8	222	199	79	85	SE	2	SE 2	10	0	—	—
18	30.06	30.06	40.6	38.6	37.0	44.3	1.0	3.6	232	168	92	72	E	3	ESE 2	0	0	—	Fine and sunny.
19	29.99	30.01	39.6	37.4	36.2	41.7	3.5	2.9	178	171	73	76	ESE	2	E 0.5	5	10	—	—
20	30.05	29.94	39.8	43.4	36.6	43.8	2.4	4.5	199	191	81	68	EbyN	1	SE 1	10	10	—	Overcast all day.
21	29.85	29.85	40.5	41.6	39.0	43.8	2.7	2.5	198	212	79	81	SE	1	SE by S 4	10	10	0.020	Overcast all day.
22	30.02	30.02	47.3	41.8	39.8	50.3	1.3	0.5	294	254	91	96	SSE	4	SSW 1	6	0	0.144	—
23	30.00	29.98	41.5	41.2	38.0	47.2	0.6	0.7	250	244	95	95	SW by S	1	SW by S 1	10	8	0.070	—
24	29.16	28.94	46.4	46.4	40.8	50.2	0.6	0.4	301	306	96	97	ESE	3	ESE 1	10	10	0.100	—
25	28.99	29.08	47.9	45.8	45.8	49.0	1.0	0.4	309	299	93	97	ENE	1	ENE 0.5	10	10	0.300	—
26	29.16	29.35	45.4	37.0	37.0	47.0	0.0	0.4	304	212	100	96	ENE	0.5	WSW 1	10	0	0.095	—
27	29.28	28.84	39.6	48.6	35.6	49.0	0.0	0.8	204	323	84	95	S	3	SSE 6	0	10	0.130	—
28	28.84	28.92	41.8	36.6	36.6	50.8	0.2	1.0	260	197	99	91	SW	2	SW 1	10	5	—	—
29	29.01	29.22	33.0	37.1	29.8	43.9	0.2	0.5	183	212	97	95	SW	0.5	SE 1	10	9	0.060	—
30	29.43	29.36	45.0	40.6	35.8	48.0	1.6	2.4	262	223	88	82	ESE	1	SE 3	10	10	0.180	—
Mean	29.510	29.500	45.0	43.5	40.0	50.0	1.5	1.8	267	247	88.5	86.5	2.1	2.1	8.0	7.2	2.632		

MARKREE CASTLE.—NOVEMBER 1902.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27' W. Lat. 54° 11' N. Gravity Correction, +.024 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.	
								Dep. of Wet.		Vapour Pressure.		Percentage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			
1	ins.	ins.	53.8	39.9	38.7	54.8	1.1	0.9	383	227	92	93	Calm	0	Calm	0	ins.	showers.	
2	29.98	30.15	53.8	39.9	38.7	54.8	1.1	0.9	383	227	92	93	Calm	0	S	1	10	6	0.07
3	30.13	29.99	43.0	41.9	35.1	51.6	1.0	0.9	255	246	92	93	Calm	0	Calm	0	3	3	0.03
4	29.93	.92	52.0	44.3	40.3	58.3	1.8	0.7	340	275	87	95	Calm	0	SSE	1	3	3	0.02
5	.80	.60	50.1	48.7	44.0	53.4	0.5	1.8	349	301	96	87	SE	5	SE	3	9	10	0.09
6	.33	.19	49.0	53.0	47.2	53.5	1.9	0.5	300	389	87	97	SE	5	SE	4	10	4	0.08
7	.32	.14	48.9	45.7	45.2	53.5	0.9	0.5	323	295	94	96	Calm	0	NNW	1	10	10	1.27
8	29.26	44.8	42.6	41.5	49.8		0.8	1.6	278	238	94	87	Calm	0	SSE	3	10	0	0.18
9	28.92	28.90	45.1	46.8	39.3	49.5	1.3	2.3	270	266	90	84	S	1	W	5	8	10	0.55
10	29.25	29.50	48.9	44.0	44.0	52.0	1.5	2.0	309	244	90	84	NW	4	SW	1	5	5	0.06
11	.50	.41	47.9	47.9	40.3	51.9	2.4	1.3	276	301	84	91	SSW	4	SE	4	5	10	0.26
12	.20	.22	49.1	46.9	45.5	51.8	1.2	1.5	319	286	91	90	SE	5	SW	4	10	7	0.26
13	.55	.64	46.9	51.8	44.8	53.4	2.0	0.8	254	364	80	94	SSW	2	SSW	5	3	10	0.05
14	29.52	.92	53.8	38.2	36.7	54.4	1.8	1.2	363	206	87	90	S	6	Calm	0	10	2	11
15	30.08	.97	40.8	51.5	35.4	51.8	1.4	1.1	235	351	89	92	S	1	SE	5	0	10	—
16	29.98	29.68	47.7	48.6	45.6	55.0	1.8	2.9	301	273	87	80	SSE	5	SE	7	4	10	0.40
17	29.97	30.06	46.4	47.6	46.2	49.7	0.5	0.7	304	313	96	95	S	1	SE	1	10	10	0.56
18	30.05	.07	43.9	39.1	39.1	48.3	2.7	2.1	229	198	80	83	SE	3	E	1	10	3	—
19	.06	.05	39.0	36.3	36.3	44.7	2.2	2.5	195	169	83	78	SE	5	SE	2	0	10	—
20	.03	30.07	36.0	34.6	32.5	40.9	2.5	1.8	167	165	78	82	SE	1	Calm	0	3	10	—
21	30.11	29.98	34.8	38.5	32.7	39.0	1.0	2.7	182	182	91	78	S	1	SE	4	10	10	—
22	29.82	.64	40.7	41.5	38.3	42.3	3.2	1.5	192	230	92	88	SE	6	SE	7	6	10	0.15
23	.59	.63	47.0	37.8	37.5	50.2	1.1	0.8	296	210	92	93	SE	3	Calm	0	9	3	0.05
24	.70	.64	41.6	40.0	36.3	49.7	0.6	0.6	250	234	95	95	Calm	0	SSE	1	3	7	0.02
25	.14	.00	49.3	48.0	39.2	51.6	1.3	1.6	318	295	91	89	SE	7	E	2	10	3	0.10
26	.13	.22	45.4	45.1	45.1	50.0	1.4	0.2	305	296	90	98	NE	1	Calm	0	10	10	0.03
27	.34	29.49	45.8	33.7	33.1	50.4	0.9	0.6	289	182	94	93	Calm	0	Calm	0	5	2	—
28	29.32	28.81	40.3	50.2	29.7	50.5	0.8	0.6	234	348	94	96	S	3	SE	8	10	10	0.29
29	28.97	29.04	34.9	32.5	31.3	51.2	0.5	0.5	193	175	95	95	Calm	0	Calm	0	7	10	0.04
30	29.03	.33	29.0	38.0	25.6	42.0	0.2	0.6	154	216	96	95	SSE	1	SE	2	7	5	0.48
31	29.50	29.40	45.0	42.7	32.5	47.9	1.0	1.0	275	252	92	92	SSE	1	SE	2	7	5	0.48
Mean	29.579	29.570	44.8	43.2	38.6	50.1	1.4	1.3	271	258	89.4	90.1	2.2	2.4	7.1	6.4	5.15		

BIRR CASTLE.—NOVEMBER 1902.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar., —2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 inches.
Long. 7° 55' W. Lat. 53° 6' N. Gravity Correction, +0.21 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.	
								Dep.of Wet.		Vapour Pressure.		Percentage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.
	ins.	ins.	°	°	°	°	in.	in.	%	%							ins.		
1	29.97	30.09	53.0	45.7	43.8	56.2	1.1	1.0	371	285	92	94	W	2	W	1	10	5	Cloudy day.
2	30.09	30.00	34.7	40.2	29.8	52.6	2.2	0.5	159	239	78	96	NW	1	E	2	4	3	☁ a. Fine and bright.
3	29.88	29.86	51.6	51.5	39.6	54.6	0.4	0.9	372	357	97	93	SSW	1	SW	1	10	10	Cloudy day.
4	72	52	50.2	50.2	46.1	52.6	1.6	2.5	322	300	89	83	SE	3	NW	2	6	10	Cloudy day.
5	26	16	49.9	51.7	46.8	54.6	1.7	0.8	315	362	88	94	SE	3	SE	2	10	3	Dull and overcast. ● p.
6	24	08	47.7	45.8	42.1	54.3	0.2	0.2	326	303	99	98	SE	1	SE	3	10	10	1.500 Overcast, with ● ² .
7	29.07	29.22	45.0	40.0	39.2	49.8	0.2	0.3	294	241	98	98	SSW	2	E	3	10	0	● showers.
8	28.88	28.97	43.7	45.6	39.1	48.9	0.8	1.6	267	269	93	88	SE	1	SW	3	3	7	● ² showers in evening.
9	29.23	29.49	47.5	44.7	42.1	52.2	1.2	1.4	299	264	91	89	SW	3	SW	2	7	9	● showers. Sunny intervals.
10	47	34	45.0	49.7	40.6	52.0	1.3	1.8	268	312	90	88	SE	4	E	7	5	10	Cloudy day.
11	06	25	50.7	46.1	44.7	53.0	1.2	0.7	340	296	92	95	SE	6	W	2	10	3	Squally, with ●.
12	55	70	46.2	52.6	41.0	53.3	2.3	1.9	261	345	84	87	SW	3	SE	3	3	10	— Fine and bright.
13	29.58	29.89	54.7	41.9	40.6	54.7	3.0	0.7	346	250	80	95	SE	7	E	2	10	4	☁ Squally.
14	30.01	29.95	38.2	53.7	34.2	53.7	0.4	0.8	222	390	97	94	E	1	S	6	2	7	— Bright and frosty.
15	29.94	29.85	49.7	49.2	41.0	54.2	2.5	3.4	295	270	83	77	SE	4	E	4	3	7	☁ Fine and bright.
16	91	99	47.5	48.0	46.1	52.2	0.7	0.6	311	319	95	96	SE	2	SE	2	10	10	☁ Overcast, with ●.
17	29.99	29.99	43.6	42.0	38.9	49.1	2.7	2.2	226	221	79	84	ESE	2	ESE	4	10	4	— Gloomy and overcast.
18	30.00	29.98	39.2	36.4	34.0	43.2	3.1	2.1	181	176	76	82	SE	5	E	2	4	4	— Fine and sunny.
19	29.94	29.99	35.0	35.7	32.6	38.5	3.3	2.5	144	163	70	78	E	4	E	2	6	10	— Fine and frosty.
20	30.03	29.94	30.2	38.4	25.1	39.5	1.4	2.6	133	183	78	79	E	2	E	5	2	10	— Fine and bright.
21	29.72	29.57	41.8	42.7	37.1	43.8	2.4	0.9	217	255	82	92	E	6	SE	8	10	10	☁ Squally and overcast.
22	57	60	47.7	40.1	39.1	49.2	0.8	0.4	312	240	94	97	SE	2	SE	2	10	6	☁ Overcast, with ● showers.
23	68	59	41.4	42.2	37.1	48.7	0.5	0.6	251	256	96	95	SE	1	SE	3	3	9	☁ Fine and bright.
24	29.03	28.80	51.6	50.3	41.0	54.2	1.0	2.1	356	311	93	85	SE	4	SE	2	10	10	☁ Cloudy day.
25	28.94	29.13	49.2	47.5	46.6	51.2	1.1	0.6	323	314	93	95	NW	2	SW	1	10	4	☁ Overcast and gloomy.
26	29.25	29.43	44.7	35.7	34.9	48.0	0.0	0.3	296	203	100	98	SW	1	SE	1	10	0	☁ ● showers a. Sunny day.
27	29.27	28.77	40.9	51.7	33.1	52.9	0.5	0.8	245	362	96	94	SE	1	SE	6	8	10	☁ Cloudy and overcast.
28	28.90	28.92	39.2	35.2	34.6	52.0	0.5	0.4	230	198	96	96	SW	2	SE	2	7	0	☁ Cloudy day.
29	28.99	29.21	34.6	38.0	32.6	40.5	0.4	4.7	193	147	96	64	SE	1	E	1	10	7	☁ Cloudy day. ● showers.
30	29.38	29.33	36.0	41.9	33.0	46.0	0.3	0.9	206	246	97	93	NE	1	NE	2	3	6	☁ ∞ a.
Mean	29.519	29.530	44.3	44.5	38.6	50.2	1.3	1.3	269	269	89.7	89.9	2.6	2.9	7.2	6.6	4.660		

DEERNES.—DECEMBER 1902.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45' W. Lat. 58° 56' N. Gravity Correction, +0.36 in.

1	29.51	29.37	41.4	40.2	38.2	43.2	3.4	3.4	194	184	75	74	SE	9	SE	10	10	10	—	Overcast, with ☁ (gale).
2	29.41	29.67	37.8	38.8	36.6	41.6	2.6	3.6	179	169	79	73	SE	9	ESE	8	10	10	—	Overcast, with ☁ (gale).
3	29.32	29.33	38.1	38.0	34.2	40.0	3.1	3.0	172	173	74	75	ESE	6	SE	6	7	9	—	☁ showers p.
4	29.08	29.33	38.8	40.0	37.0	40.5	4.8	3.9	151	174	64	70	S	6	SE	8	8	9	—	Cold and dry, with ☁ (gale).
5	29.33	29.31	38.7	38.0	36.6	41.0	4.2	2.0	159	190	68	83	SSE	7	S	5	10	9	—	Cold and dry. ☁ showers.
6	29.21	29.13	36.0	38.0	36.6	42.0	3.0	3.0	197	173	77	75	SSE	6	S	6	10	1	—	Cold and dry. ☁ showers.
7	29.15	29.15	36.3	36.2	33.4	39.2	3.1	3.0	158	159	74	75	SW	4	SW	1	4	8	—	Very fine.
8	29.18	29.20	37.0	39.0	34.2	41.8	2.2	2.8	179	185	81	78	Calm	0	ESE	1	0	7	—	Very fine.
9	29.26	29.33	38.4	42.3	37.0	43.3	1.0	3.2	212	206	92	77	ESE	1	ESE	4	3	8	—	Very fine.
10	29.38	29.32	42.0	40.4	40.0	43.1	3.2	2.1	204	209	77	83	SE	4	SE	5	8	10	—	Very fine, but overcast.
11	29.16	29.09	40.3	41.4	39.2	42.0	1.5	1.6	219	228	88	88	SE	6	SSE	6	9	10	—	Very fine, but overcast.
12	29.83	29.64	41.0	41.0	39.3	42.2	1.4	1.0	227	235	89	92	SSE	6	SSE	7	9	10	—	Overcast and very dry.
13	29.38	29.46	44.0	43.8	40.0	44.8	1.0	0.8	265	267	92	94	S	7	SSW	4	10	0	0.8	☁ gale.
14	29.33	29.20	44.8	46.3	41.2	48.0	1.6	1.8	260	272	88	88	SSE	8	S	4	8	10	0.4	☁ (gale) a.
15	29.19	29.52	42.3	40.3	38.4	47.0	1.9	2.3	230	204	86	82	N	5	SW	5	10	0	0.50	☁ till noon.
16	28.71	29.18	42.8	42.3	38.2	47.8	0.8	2.3	257	222	94	83	SSE	9	W	4	8	6	0.25	☁ (70 miles per hour) 6a.-7a.
17	29.23	29.33	37.0	38.0	36.0	43.0	4.0	1.0	149	208	68	91	W	7	SW	4	6	7	0.45	☁ (sleet) ☁ showers all day.
18	29.08	29.30	40.0	38.2	32.5	42.0	1.0	3.4	226	168	92	73	W	4	W	8	10	3	0.265	☁ (sleet) ☁ showers all day.
19	29.79	29.61	38.0	46.2	33.8	47.0	3.0	0.7	173	297	75	96	NW	2	W	7	3	9	0.15	Overcast all day. Muggy p.
20	29.75	29.82	44.1	47.3	43.0	47.8	2.1	1.8	243	283	88	88	WNW	5	WNW	4	10	10	0.07	Overcast all day. ☁ p.
21	29.97	29.06	46.2	46.6	45.2	48.0	0.2	0.6	308	303	99	96	WNW	3	W	4	10	10	0.025	☁ all day.
22	30.10	29.07	43.2	41.5	40.2	47.6	0.8	0.7	262	248	93	94	SW	1	SSW	1	8	0	—	Very fine, but cloudy.
23	29.93	29.02	45.5	41.2	39.2	47.3	2.2	2.4	255	210	84	82	SW	5	SW	4	3	2	—	Fine and mild.
24	29.73	29.58	44.8	43.4	39.2	47.8	1.8	4.4	255	193	86	69	SW	5	W	7	10	1	0.33	Dull day.
25	29.04	29.48	47.7	37.0	36.0	48.8	1.5	0.8	294	204	89	93	WSW	9	NW	8	10	9	0.25	☁ till 2p. ☁ (75 miles) 3p.-4p.
26	29.38	29.34	39.0	43.0	32.0	43.4	1.2	2.0	214	234	90	84	WNW	7	WNW	5	10	1	0.51	☁ showers 2p.-4p. ☁ p.
27	29.27	28.82	48.2	47.0	41.8	49.0	1.2	2.2	307	271	92	85	W	8	SW	7	10	5	0.10	☁ showers.
28	28.53	29.22	34.3	37.0	32.0	47.3	1.0	1.2	178	196	89	89	SSW	8	SW	8	10	6	0.04	☁ showers all day.
29	29.16	29.45	39.5	39.5	36.0	41.0	1.5	2.0	212	204	88	84	ESE	6	NE	8	10	6	0.09	☁ showers all day.
30	28.66	28.96	38.8	38.5	35.0	40.9	0.8	2.4	220	187	94	81	NE	4	NE	3	10	6	0.34	☁ till noon.
31	29.13	29.19	33.2	34.2	32.2	39.0	0.2	0.2	186	194	98	98	NNE	2	SE	1	10	8	0.30	☁ showers all day.
Mean	29.582	29.616	40.8	40.8	37.2	44.1	2.0	2.1	218	215	84.5	83.6	5.5	5.3	8.1	6.6	3.79			

DUNROBIN CASTLE.—DECEMBER 1902.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56' W. Lat. 57° 59' N. Gravity Correction, +0.34 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.
								Dep. of Wet.		Vapour Pressure.		Percentage.						
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
	ins.	ins.							in.	in.	%	%					ins.	
1	29°65	29°62	42°0	41°5	40°0	42°0	3°0	2°7	°207	°207	78	80	SE	E	—	—	ins.	Cold (gale).
2	29°55	29°78	40°0	40°0	39°0	42°0	2°0	2°0	°207	°207	84	84	SE	SE	—	—	°15	☉ (gale). High seas.
3	30°19	30°43	39°5	38°0	38°0	41°0	1°0	3°0	°222	°173	92	75	SE	SE	—	—	—	☉ (gale). Rough sea
4	°50	°54	38°0	35°2	35°0	39°0	3°0	4°2	°173	°132	75	64	SW	W	—	—	—	Fine, clear, and cold.
5	°48	°47	36°0	35°0	34°0	38°5	3°0	3°0	°158	°148	74	72	SW	W	—	—	—	Fine, clear, and frosty.
6	°41	°31	36°0	29°0	29°0	39°0	2°0	2°0	°175	°106	82	67	S	N	—	—	—	Fine a. Frosty p.
7	°33	°31	27°5	32°0	26°0	36°0	2°0	1°0	°094	°157	63	87	N	N	—	—	—	Fine, clear, and calm.
8	°33	°37	34°5	39°0	29°0	41°0	2°5	1°0	°152	°218	75	92	N	S	—	—	—	Clear and calm.
9	°42	°50	37°5	43°0	32°0	43°0	1°5	4°0	°195	°197	87	71	E	E	—	—	—	Dull, calm, and dry.
10	°50	°45	41°5	40°5	40°0	43°0	2°5	2°5	°211	°202	81	80	SE	SE	—	—	—	Dull and dry.
11	30°30	30°12	40°0	36°2	35°2	41°0	2°0	1°2	°207	°191	84	89	SE	N	—	—	—	Fine, breezy, and clear.
12	29°98	29°79	34°0	35°0	31°0	41°2	1°0	1°5	°176	°174	89	85	E	N	—	—	—	Fine and clear. ☐°.
13	°55	°70	43°0	39°0	32°0	45°0	2°5	2°0	°225	°199	81	84	S	N	—	—	—	Dull day. ☐°.
14	°36	°40	45°2	41°0	34°0	48°0	3°2	1°0	°231	°235	77	92	S	N	—	—	°25	Dull with ☉° showers.
15	29°45	°62	40°0	35°2	33°0	44°0	1°5	1°2	°217	°182	88	88	N	NW	—	—	—	Dull day.
16	28°95	°41	45°2	40°0	34°0	48°0	2°2	2°8	°251	°189	84	76	NW	NW	—	—	°05	☉ showers.
17	29°57	°55	38°0	37°2	35°0	43°0	2°0	2°2	°190	°180	83	81	NW	N	—	—	°26	Dull, with ☉ showers.
18	29°40	°56	39°0	38°0	35°0	42°0	1°8	2°8	°203	°176	86	77	NW	NW	—	—	°35	Dull, with ☉ showers.
19	30°05	29°90	38°0	48°0	37°2	49°0	1°0	3°0	°208	°263	91	79	NW	NW	—	—	°02	Dull day.
20	°04	30°10	46°2	48°8	40°5	49°0	1°2	3°6	°285	°261	92	75	NW	NW	—	—	—	Dull and calm.
21	°24	°27	47°0	49°0	46°0	50°2	0°8	1°0	°303	°322	94	93	NW	NW	—	—	—	Dull and mild.
22	°29	°22	36°0	35°5	34°0	49°5	1°0	1°5	°193	°179	91	86	N	N	—	—	—	☐
23	30°20	30°21	42°0	44°0	33°0	49°0	1°0	2°5	°245	°234	92	81	NW	N	—	—	°13	Clear and mild.
24	29°94	29°88	45°0	46°2	40°5	49°5	1°0	1°2	°275	°285	92	92	W	NW	—	—	°20	☉ showers.
25	°34	°65	49°0	38°5	37°0	51°0	1°8	1°5	°303	°203	87	87	NW	NW	—	—	°87	Dull, with ☉.
26	°69	°61	40°5	45°8	36°0	46°5	1°5	1°8	°220	°267	88	87	NW	NW	—	—	°41	Occasional ☉ showers.
27	29°53	29°15	50°0	46°0	45°2	52°0	1°0	1°5	°334	°276	93	90	NW	W	—	—	°49	☉ showers.
28	28°76	28°59	31°2	35°0	31°0	47°0	1°2	1°0	°146	°184	83	90	W	W	—	—	°12	☉☉ (sleet) ☉☉ showers.
29	°22	28°56	39°0	38°0	35°0	40°0	1°0	1°0	°218	°208	92	91	NE	W	—	—	°17	Dull and cold, with ☉ showers.
30	28°78	29°06	38°0	36°0	35°0	40°0	1°0	1°0	°208	°193	91	91	N	E	—	—	°26	Dull with ☉ showers.
31	29°26	29°39	34°0	30°0	30°0	41°5	1°0	1°0	°176	°140	89	83	N	E	—	—	—	Clear and frosty.
Mean	29°783	29°823	39°8	39°2	35°2	44°2	1°7	2°0	°213	°203	85°1	82°9	—	—	—	—	3°64	

LAUDALE.—DECEMBER 1902.

Height above Mean Sea Level, 14 feet. Heights above Ground:—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 41' W. Lat. 56° 41' N. Gravity Correction, +031 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.			9 a.m.	9 p.m.	
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.							
1	ins.	ins.	45° 0'	43° 2'	42° 0'	45° 5'	0° 8'	1° 2'	28.0	25.3	94	90	SE	7	SE	6	10	10	ins.
2	29° 39'	29° 19'	41° 2'	42° 2'	41° 2'	45° 3'	0° 5'	1° 2'	24.8	24.3	97	90	SE	2	SE	3	10	10	78
3	30° 04'	30° 34'	41° 2'	40° 0'	37° 0'	42° 2'	1° 5'	2° 3'	22.7	20.2	89	82	SE	2	ESE	2	10	8	—
4	47	51	36° 0'	36° 0'	32° 0'	40° 0'	1° 2'	2° 0'	18.9	17.5	89	82	SE	5	SE	7	3	4	—
5	48	37	35° 0'	35° 7'	34° 0'	36° 3'	2° 0'	3° 7'	16.4	14.4	80	68	ESE	6	SSE	5	1	7	—
6	37	33	36° 0'	35° 7'	33° 0'	37° 7'	3° 0'	3° 7'	15.8	14.4	74	68	SE	5	SE	4	7	0	—
7	37	32	33° 0'	36° 0'	30° 0'	36° 2'	3° 0'	2° 0'	12.9	17.5	69	82	SE	5	SE	5	0	6	—
8	34	33	31° 2'	28° 7'	25° 7'	36° 8'	1° 2'	3° 3'	14.6	0° 78	83	50	NE	1	NE	1	8	0	—
9	32	41	35° 0'	34° 8'	28° 0'	42° 0'	1° 0'	0° 2'	18.4	19° 8	90	98	S	1	E	2	1	7	—
10	45	37	34° 2'	40° 0'	32° 0'	41° 3'	0° 4'	2° 4'	19° 0	20° 0	96	81	Calm	0	ESE	3	1	2	—
11	30° 25'	30° 15'	40° 8'	38° 0'	29° 0'	42° 3'	2° 1'	2° 0'	21.2	19° 0	84	83	ESE	3	SE	2	2	0	—
12	29° 90'	29° 74'	38° 9'	44° 0'	33° 0'	46° 0'	1° 9'	2° 8'	20° 0	22° 8	85	78	SE	2	SE	4	0	6	32
13	54	68	48° 0'	45° 8'	41° 3'	48° 5'	1° 0'	1° 8'	30° 9	26° 7	93	87	SW	4	SW	2	10	7	80
14	40	39	51° 7'	46° 8'	43° 0'	53° 0'	0° 9'	1° 8'	36° 0	27° 7	94	87	SW	6	W	2	10	10	70
15	55	71	39° 3'	43° 4'	37° 9'	46° 8'	2° 3'	1° 6'	19° 6	24° 7	82	87	WNW	5	NW	3	10	8	1.95
16	23	48	47° 0'	44° 8'	40° 0'	55° 0'	1° 7'	4° 8'	28° 2	19° 8	88	67	W	7	Calm	0	10	10	49
17	72	72	42° 5'	43° 2'	39° 9'	48° 9'	2° 5'	2° 4'	22° 0	22° 8	82	82	WNW	4	SW	4	4	8	85
18	29° 52'	29° 83'	43° 0'	44° 8'	38° 8'	47° 0'	3° 0'	3° 9'	21° 5	21° 6	78	72	WNW	5	WNW	6	7	9	20
19	30° 15'	30° 07'	46° 0'	49° 0'	42° 0'	49° 9'	2° 2'	1° 0'	26° 1	32° 2	85	93	W	2	W	3	10	10	10
20	14	20	49° 8'	49° 1'	46° 8'	50° 5'	2° 1'	0° 8'	30° 5	32° 0	86	94	W	2	SW	3	10	10	43
21	33	35	50° 2'	43° 3'	42° 0'	51° 7'	0° 5'	0° 6'	35° 1	26° 7	97	96	W	3	WNW	1	10	6	07
22	38	34	45° 0'	45° 7'	43° 0'	51° 5'	1° 2'	1° 7'	27° 1	26° 8	91	88	SW	2	S	8	10	10	02
23	36	30	46° 8'	48° 8'	43° 0'	49° 3'	3° 5'	1° 8'	24° 1	30° 0	76	87	SE	1	W	2	8	10	05
24	30° 07'	30° 04'	49° 0'	48° 7'	48° 0'	50° 8'	2° 0'	3° 7'	29° 8	25° 7	86	75	W	4	W	5	10	10	64
25	29° 72'	29° 81'	51° 5'	44° 9'	43° 0'	52° 0'	3° 2'	4° 0'	32° 0	20° 5	79	71	W	7	SW	8	10	10	72
26	87	77	45° 0'	51° 0'	40° 7'	51° 5'	2° 4'	1° 0'	24° 5	34° 8	82	93	W	4	W	7	9	10	1.16
27	29° 74'	29° 24'	51° 6'	50° 0'	48° 7'	53° 0'	3° 6'	1° 2'	29° 3	32° 9	76	92	W	5	WNW	9	10	10	90
28	28° 96'	28° 75'	37° 0'	38° 0'	32° 0'	51° 0'	2° 0'	1° 0'	18° 2	20° 8	83	91	WNW	6	WNW	8	8	9	1.02
29	45	28° 59'	41° 0'	42° 0'	35° 0'	42° 8'	0° 8'	2° 0'	23° 9	22° 5	94	85	NW	5	W	4	10	3	12
30	28° 91'	29° 02'	36° 5'	40° 2'	35° 0'	42° 5'	2° 2'	2° 5'	17° 5	20° 0	81	81	N	3	NE	3	0	10	—
31	29° 27'	29° 37'	31° 4'	31° 7'	29° 0'	40° 7'	1° 4'	1° 7'	14° 1	14° 1	81	78	N	1	ENE	1	8	10	14
Mean	29° 840	29° 850	41° 9'	42° 1'	37° 6'	46° 1'	1° 8'	2° 1'	23° 3	22° 8	85° 3	82° 5	3° 7	4° 0	7° 0	7° 4	11° 52		

DUNDEE.—DECEMBER 1902.

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

1	29.45	29.24	42.4	41.6	37.6	42.5	2.1	0.6	.227	.250	84	95	SE	12	SE	12	10	10	.88	☉ (gale) n. and during day.
2	.29	29.57	40.6	38.6	37.2	41.7	0.6	1.1	.240	.213	95	92	SE	10	SE	8	10	10	.66	☉ (gale) n. and during day.
3	29.97	30.26	36.8	34.4	33.2	38.7	0.8	0.9	.202	.181	93	91	SE	1	SE	2	10	10	.15	☉ (sleet) ☉ n. and during day.
4	30.41	.47	33.6	33.2	30.9	34.5	0.6	1.1	.181	.167	93	88	SE	1	SW	1	10	10	—	Dull day. ☉ (sleet) ☉ n.
5	.42	.35	34.8	33.9	31.9	34.8	1.6	0.8	.170	.179	84	91	SE	2	SE	2	10	10	.03	Dull, with ☉ showers.
6	.28	.27	36.0	30.2	29.1	36.0	1.5	1.4	.184	.133	87	78	SW	1	SW	1	10	0	—	Dull day.
7	.28	.26	22.8	23.6	20.1	30.7	2.3	0.6	.057	.106	47	84	SW	1	SW	1	5	5	—	☉.
8	.21	.18	25.6	35.8	20.5	36.2	0.6	2.7	.118	.160	86	76	W	1	SE	2	10	10	.02	Dull day.
9	.21	.26	37.5	39.0	34.3	39.1	1.5	1.5	.195	.216	87	91	NE	2	NE	4	10	10	.02	☉ till 8a. and from 7p.
10	.44	.31	38.8	38.2	36.3	40.0	0.8	1.0	.220	.210	94	92	E	2	SE	4	10	10	.04	☉ n. and during day.
11	30.17	30.04	39.6	39.9	38.0	40.2	1.9	1.6	.206	.214	85	87	SE	1	SE	2	10	10	—	Dull day.
12	29.90	29.73	38.7	37.9	36.4	40.5	1.2	1.7	.212	.195	91	86	SE	1	SE	2	10	10	—	Dull day.
13	.55	.61	41.5	42.1	35.2	45.7	1.4	1.1	.232	.244	89	91	SW	1	SW	1	10	10	.03	☉ showers 7a.—10a. Dull day.
14	.51	.33	45.9	46.7	38.9	51.8	2.6	1.1	.252	.293	82	92	S	8	SW	6	10	10	.34	☉ (gale).
15	29.31	.71	40.9	38.0	36.4	47.7	1.5	1.7	.242	.195	88	85	SW	2	W	2	5	5	.33	☉ n. ☉ 11a.
16	28.99	.36	48.6	42.1	36.4	48.6	2.8	2.1	.276	.224	81	84	W	10	W	4	7	5	—	☉ till 7a. ☉ (gale) till 10a.
17	29.48	.55	40.1	38.4	35.7	42.7	3.1	1.5	.188	.202	75	88	NW	2	NW	2	0	10	.02	Dull from noon.
18	.28	.58	40.6	38.6	34.4	42.5	2.2	2.4	.209	.189	83	81	W	6	NW	6	5	7	.03	☉ n. ☉ showers from 4p.
19	.96	.86	40.8	44.8	37.0	46.4	2.9	2.3	.198	.246	78	83	NW	1	W	4	10	10	—	Cloudy day.
20	29.90	29.96	45.8	45.5	42.7	50.5	1.9	3.0	.266	.239	86	79	W	2	W	2	10	10	—	Cloudy day.
21	30.10	30.18	46.0	40.4	38.8	53.2	1.1	0.9	.285	.233	92	93	W	1	W	1	5	5	—	Fine day.
22	.20	.21	40.8	41.4	36.8	44.7	0.8	1.8	.237	.224	94	87	NW	4	W	4	5	5	.01	Cloudy day. ☉
23	30.17	30.16	42.9	42.4	39.6	43.8	1.9	0.9	.235	.252	85	93	W	6	W	4	10	10	—	Dull day.
24	29.97	29.81	46.4	48.6	41.4	48.7	2.2	2.6	.264	.280	84	82	W	4	SW	4	10	10	—	Dull day.
25	.46	.49	50.2	42.6	41.2	51.3	3.6	3.9	.276	.197	77	73	SW	3	SW	8	10	10	.11	☉ (gale) 11a.—4p.
26	.62	.49	40.6	53.0	37.4	53.2	3.6	5.4	.184	.269	72	67	W	4	W	8	10	10	—	Dull day.
27	29.51	29.08	50.9	48.6	46.6	52.5	3.9	2.1	.277	.292	75	86	W	8	SW	8	7	10	.10	☉ from 5p.
28	28.86	28.68	34.4	34.6	32.0	49.1	1.0	1.7	.179	.167	89	83	SW	10	SW	10	10	10	.20	☉ (gale) ☉ (sleet) ☉ showers.
29	.33	.29	36.5	36.9	32.2	38.9	2.0	1.9	.179	.183	83	84	SW	10	NW	2	10	10	.05	☉ (gale) till 10a. ☉ showers from
30	28.54	28.80	37.1	38.5	35.4	39.7	2.6	3.1	.173	.175	78	75	N	6	NE	6	10	10	.03	Dull day. ☉ 1p. and 6p. [5p.
31	29.20	29.31	35.6	30.8	30.1	38.7	1.6	0.6	.179	.157	85	91	NE	1	NW	2	5	5	—	Fine day.
Mean	29.708	29.722	39.8	39.4	35.3	43.4	1.9	1.8	.210	.209	83.9	85.4	4.1	4.0	8.5	8.6	3.05			

GLASGOW.—DECEMBER 1902.

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

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.	
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SCARBOROUGH.—DECEMBER 1902.

Height above Mean Sea Level, 62 feet. Heights above Ground:—Bar., 65 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 24' W. Lat. 54° 18' N. Gravity Correction, +.025 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.					
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.	Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.		9 a.m.				
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.							9 p.m.			
1	ins.	ins.	°	°	°	°	0.5	0.5	in.	in.	%	%					ins.				
2	29.54	29.25	41.5	43.0	41.5	45.5	0.5	0.5	251	266	96	96	SE	7	S	3	10	10	82	Dull, with ☁.	
3	29.53	29.53	43.2	39.5	35.0	45.0	0.4	0.5	270	231	97	96	S	2	SE	6	10	10	20	Dull, with ☁.	
4	29.94	30.21	37.2	36.0	31.0	39.5	1.7	1.0	188	192	85	91	SE	4	SE	4	10	10	25	Dull, with ☁. *.	
5	30.45	30.45	48	36.2	35.0	38.0	2.2	1.5	172	174	80	85	E	3	E	3	10	4	04	Dull and overcast.	
6	46	37	34.5	35.5	32.0	38.0	2.0	1.5	160	179	80	86	E	3	SE	2	6	6	02	Very dull.	
7	34	32	34.8	35.0	33.0	39.0	2.8	2.5	149	156	74	76	SE	3	SE	3	6	4	—	Fine day.	
8	31	23	36.0	38.0	31.5	41.2	2.5	2.5	165	182	78	79	W	2	E	3	10	8	—	Overcast.	
9	17	07	39.5	40.0	36.0	41.0	2.0	1.2	203	222	84	90	E	4	NE	5	10	8	—	Overcast.	
10	09	14	40.5	40.5	36.5	43.0	2.5	1.0	201	231	80	92	NE	5	NE	5	6	10	07	Very dull, with ☁.	
11	24	21	41.5	41.2	37.5	42.5	1.5	1.7	230	223	87	86	NE	6	SE	3	10	10	02	Overcast.	
12	30.16	30.04	39.0	38.5	34.5	41.2	1.5	1.5	208	203	87	87	SE	4	SW	3	10	10	—	Overcast, with ☁.	
13	29.96	29.87	37.2	34.0	30.0	41.0	1.2	1.5	198	166	89	84	SW	3	SW	3	10	10	—	Overcast.	
14	82	83	41.5	45.5	30.5	49.5	0.7	1.5	246	269	94	88	SW	3	SW	3	10	6	—	Overcast, with ☁.	
15	90	67	48.0	50.0	41.0	53.5	0.5	2.0	322	309	96	86	SW	5	SW	8	8	6	18	Dull day.	
16	58	88	43.0	39.0	36.0	54.5	2.0	1.5	234	208	84	87	SW	3	SW	6	4	6	08	Fine day. ▲	
17	46	51	44.5	51.0	39.0	55.5	0.5	1.0	281	348	96	93	SW	7	SW	3	10	6	10	Very dull.	
18	58	78	45.0	41.0	40.0	51.0	1.2	0.8	271	238	90	94	NW	4	SW	4	6	8	—	Fine, but cloudy.	
19	29.48	29.69	43.2	43.5	38.5	46.0	3.0	3.0	217	220	78	78	NW	6	W	6	4	4	—	Fine day.	
20	30.02	30.03	40.5	44.5	38.5	46.5	3.0	1.0	193	270	76	92	NW	3	NW	3	6	8	—	Dull and mild.	
21	29.98	01	46.5	46.5	40.0	50.5	2.0	1.5	269	280	85	88	NW	4	NW	4	6	8	—	Dull and mild.	
22	30.14	22	49.8	47.5	45.0	53.5	0.6	0.3	343	322	96	98	NW	3	N	2	6	10	02	Dull and mild.	
23	32	30	47.0	43.0	37.5	49.0	1.2	1.0	294	255	91	92	W	2	W	2	10	2	—	Overcast.	
24	32	30	42.2	41.8	37.5	49.0	1.0	1.0	247	244	92	92	W	3	W	4	2	8	—	Overcast.	
25	30.21	3.03	45.0	46.0	41.8	50.0	1.0	1.2	275	283	92	91	SW	3	W	5	8	8	—	Overcast.	
26	29.82	29.61	49.0	50.0	41.5	52.2	0.5	2.0	335	309	96	86	W	10	W	5	8	6	—	Overcast.	
27	86	71	43.0	49.0	43.0	51.5	1.0	2.0	255	297	92	86	WSW	4	WSW	4	8	8	—	Overcast.	
28	80	43	47.0	48.0	44.0	50.2	2.0	2.0	275	286	85	85	W	4	SW	8	2	10	10	Fine, but squally.	
29	29.25	29.09	37.0	34.5	31.0	49.0	0.6	1.0	208	179	94	89	WSW	8	W	3	8	10	08	* squalls. K 6a.-8a.	
30	28.78	28.53	32.5	36.0	31.0	39.0	1.0	0.5	161	201	87	95	SW	3	SW	5	6	8	25	▲ ⁰ (sleet) ▲ ⁰ showers.	
31	55	28.64	36.0	37.0	33.0	42.0	1.0	1.0	192	200	91	91	SW	4	SW	5	8	8	18	▲ ⁰ .	
	28.96	29.18	38.8	36.5	31.5	43.0	1.0	1.5	215	187	91	86	NW	5	W	5	8	6	03	Dull day. ▲ ⁰ .	
Mean	29.829	29.811	41.3	41.5	36.5	46.1	1.4	1.4	233	236	87.8	88.5	4.2	4.1	7.5	7.5	2.44				

CRONKBOURNE.—DECEMBER 1902.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29' W. Lat. 54° 10' N. Gravity Correction, +.024 in.

1	29.34	29.10	45.0	47.8	44.0	48.0	0.7	0.3	.282	.325	94	98	SE	6-7	SW	3	10	4	1.301	Squally (gale). ● in afternoon.
2	30	29.51	44.8	39.1	36.8	49.0	0.5	0.6	.285	.227	96	95	WNW	3	Calms	0	9	1	—	Fine day. D ² p.
3	29.91	30.22	40.8	39.5	35.2	42.0	2.4	2.5	.207	.194	81	80	E	3	SE	3	10	10	—	Dull day.
4	30.40	30.42	37.4	36.4	36.4	39.7	2.4	3.6	.178	.152	80	70	ESE	4	ESE	5	7	8	—	Dull day.
5	30.38	30.27	34.8	36.2	34.8	37.0	2.8	2.2	.150	.173	73	81	SSE	4	SE	5-7	8	10	—	Dull day. Squally (gale) p.
6	30.23	30.24	34.6	33.7	33.0	37.2	2.1	2.2	.160	.150	79	77	ESE	5	SE	5	7	6	—	Dull day. Fresh breeze.
7	30.27	30.21	33.0	35.8	33.0	36.5	1.8	3.0	.151	.155	80	73	SE	4	SE	5	7	9	—	Cloudy day.
8	30.14	30.06	37.0	39.4	35.8	39.8	2.5	2.2	.174	.199	79	83	ENE	3	E	4	9	10	—	Dull day.
9	30.10	30.15	39.8	42.0	37.2	42.0	1.7	1.9	.211	.227	87	86	NE	3-4	ENE	4-5	0	10	—	Fine day.
10	30.09	30.09	42.4	41.4	40.0	42.8	2.9	2.1	.212	.218	79	84	E	5	E	6	7	8	—	Dull day. Squally.
11	30.07	29.98	39.0	38.0	38.0	41.8	1.5	1.3	.209	.203	88	89	ESE	4	ESE	3	10	10	—	Overcast day.
12	29.88	29.72	36.6	41.0	35.2	41.0	1.2	0.5	.194	.246	90	96	ESE	3	ESE	3	10	10	—	Overcast day. ● 4p.
13	29.63	29.77	48.4	47.8	40.2	49.7	1.1	2.1	.313	.281	92	85	SSW	4	SW	4	10	10	—	Overcast day.
14	29.60	29.41	50.4	48.5	47.0	51.8	0.1	0.5	.364	.328	99	96	S	6-7	SW	3	10	10	—	Overcast, with squally (gale) ●.
15	29.52	29.78	41.7	47.4	40.1	48.6	0.9	1.9	.246	.282	93	87	WNW	5	SW	5	8	10	—	Cloudy and squally.
16	29.40	29.65	53.2	52.0	46.0	53.5	0.0	0.2	.406	.383	100	99	SW	5-6	SW	4	10	10	—	Overcast, with squally (gale) ●.
17	29.74	29.68	44.6	43.6	43.6	53.0	1.6	0.9	.258	.263	88	93	WNW	3	SSW	3	7	10	—	Dull day. ● 9p.
18	29.66	29.89	44.3	46.0	42.0	53.0	2.6	2.4	.235	.257	80	83	WNW	5-6	WNW	6	4	3	—	Fine day. Squally.
19	30.15	30.11	46.4	48.8	44.1	48.8	0.5	1.2	.304	.316	96	91	W	3	WSW	3	10	10	—	● 11a. ● 9p. showers.
20	30.13	30.17	47.5	50.0	47.0	50.0	1.3	0.2	.296	.356	90	99	WNW	2	NW	3-4	9	10	—	Overcast day.
21	30.24	30.29	49.4	49.0	48.8	50.8	0.9	1.2	.330	.317	94	92	NW	4	NW	2	10	10	—	Dull day. ● 0.30p.
22	30.34	30.33	44.6	45.7	41.0	50.7	1.1	1.5	.270	.273	92	90	W	1	SW	2	10	10	—	Overcast day.
23	30.35	30.32	47.6	48.6	45.7	48.6	1.1	2.8	.303	.276	93	81	W	3	WSW	3	10	10	—	Overcast day.
24	30.21	30.10	48.6	48.0	47.9	49.0	2.1	1.0	.292	.309	86	93	WSW	4	WSW	4	10	7	—	Overcast day.
25	29.86	29.79	48.4	49.4	48.0	52.0	1.6	1.8	.300	.307	88	88	WSW	5-6	NW	5-6	10	10	—	Overcast day. Squally.
26	29.71	29.85	46.1	49.3	44.2	50.6	1.8	1.1	.271	.323	87	92	WNW	4-5	WNW	6	9	3	—	Dull day.
27	29.86	29.86	47.6	49.2	47.3	50.4	1.5	1.2	.293	.319	90	92	WSW	5-6	SW	5-7	7	10	—	Dull day. (gale) ● p.
28	29.24	29.01	37.8	35.8	34.4	50.5	1.6	2.0	.196	.174	87	83	W	7	W	6	4	7	—	(gale) ● 11a. ● 9p. showers.
29	28.69	28.52	36.7	39.4	35.1	40.2	1.2	1.1	.195	.220	90	91	WSW	5-7	NW	7-8	10	6	—	(gale) ● 11a. ● 9p. showers.
30	28.68	28.80	39.7	39.3	36.5	43.2	1.9	0.8	.207	.225	84	94	NNW	5	NNW	4	10	7	—	● 6.15p.
31	29.16	29.29	36.8	36.0	35.6	42.0	1.6	0.6	.188	.201	87	95	NNW	2	NW	3	10	4	—	—
Mean	29.824	29.805	42.7	43.4	40.4	46.2	1.5	1.5	248	254	87.8	88.3	4.2	4.1	8.1	7.9	4.720			

STONYHURST.—DECEMBER 1902.

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

CHURCHSTOKE.—DECEMBER 1902.

Height above Mean Sea Level, 538 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5' W. Lat. 52° 31' N. Gravity Correction, +018 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.	Percentage.	9 a.m.	9 p.m.	9 a.m.	9 p.m.				
							9 a.m.	9 p.m.										
1	ins.	ins.	41.4	42.6	40.0	45.4	0.2	0.4	in.	in.	%	%	SE 2	SE 1	10	4	ins.	
2	28.99	28.68	41.4	42.6	40.0	45.4	0.2	0.4	2.56	2.64	98	97	SE 2	SE 1	10	4	Clouds low. Δ storms.	
3	28.93	29.10	42.6	34.7	33.7	48.2	1.4	0.6	2.42	1.88	88	93	W 3	W 1	5	6	Bright, but with cold wind.	
4	29.36	30.10	37.4	25.6	25.1	37.9	0.5	0.9	2.14	1.08	95	77	WNW 1	E 1	10	0	Cloudy and still.	
5	29.95	29.77	24.7	22.7	17.7	32.0	0.5	0.6	1.15	0.99	86	82	E 1	N 1	0	0	Bright and very sharp. Δ (mist)	
6	29.93	28.7	25.3	16.8	29.0	0.6	0.6	0.81	1.15	79	84	SE 1	E 2	0	10	—	Very sharp, with bitter wind.	
7	27.77	28.0	27.1	18.9	18.6	29.0	0.4	0.6	1.34	0.81	91	79	E 2	NW 1	8	0	Very sharp, with bitter wind.	
8	28.1	27.3	22.7	27.0	16.1	30.5	1.0	0.7	0.87	1.24	71	84	E 1	E 1	0	10	—	Very sharp and bright.
9	28.56	31.2	32.7	27.0	34.1	0.5	1.0	1.62	1.64	92	88	ENE 1	NE 2	10	10	—	Cloudy and still. ∞	
10	28.55	32.2	34.7	32.1	36.4	2.5	1.2	1.67	1.77	78	88	ENE 2	NE 2	10	10	—	Slight snow on hills.	
11	28.62	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 5	E 3	10	8	—	Cloudy and cold.	
12	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—	Overcast and raw.	
13	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—	Very cold wind. Δ	
14	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—	(mist).	
15	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—	Squally, with Δ .	
16	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—	showers.	
17	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—	Squally, with Δ showers.	
18	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—	Fine and bright.	
19	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—	Rough and stormy.	
20	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—	Cloudy day.	
21	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—	Cloudy a. Bright p.	
22	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—	Overcast and still.	
23	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—	(mist).	
24	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—	Passing clouds.	
25	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—	in evening.	
26	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—	Low clouds.	
27	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—	storms.	
28	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—	(sleet) Δ p.	
29	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—	Δ .	
30	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—	Dull a. Bright p.	
31	28.45	34.5	33.2	33.0	36.8	1.8	1.0	1.64	1.68	82	88	E 2	E 1	10	10	—		
Mean	29.435	29.435	38.7	38.7	34.0	43.5	1.4	1.4	2.12	2.13	85.7	86.0	2.5	2.2	7.7	7.5	2.957	

CAMBRIDGE.—DECEMBER 1902.

Height above Mean Sea Level, 83 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 9½ inches.
Long. 0° 6' E. Lat. 52° 13' N. Gravity Correction, +019 in.

1	29°55	29°23	43°0	46°3	41°3	46°8	0°1	0°3	275	307	99	98	Cal	o	S	5	10	10	267	☼ a. ● 4p-8p.
2	29°36	29°60	44°7	40°0	37°6	50°9	0°9	1°4	275	218	93	89	W	4	W	1	10	0	—	—
3	29°88	30°26	36°2	28°8	26°8	40°7	0°8	0°7	199	139	93	88	ENE	3	N	2	10	0	207	☼ (sleet) ga. ☼ ⁰ n.
4	30°44	30°49	28°1	23°8	23°0	36°2	0°0	0°0	154	128	100	100	N	1	NE	1	10	0	—	☼ ⁰ .
5	30°43	30°34	29°0	31°6	22°0	32°3	0°3	0°6	151	164	95	93	NNE	1	E	2	10	0	—	☼ ⁰ a. Cloudy day.
6	30°30	30°24	24°0	20°2	19°1	33°2	0°2	0°2	121	102	94	94	E	1	E	1	10	0	—	☼ ⁰ a. Clear and sunny.
7	30°32	30°22	20°8	32°7	15°5	35°0	0°2	0°9	105	167	94	89	E	1	N	1	0	10	—	☼ ⁰ a. Clear and sunny a.
8	30°02	30°08	33°8	36°1	30°0	37°8	1°1	1°5	171	172	90	88	NE	1	NE	4	10	10	—	☼ ⁰ 3p. Dull day.
9	30°12	30°14	35°5	35°0	32°4	38°2	1°5	1°7	179	170	86	83	NE	2	E	3	10	10	—	☼ ⁰ 3p. Dull day.
10	30°15	30°07	33°2	33°4	31°8	37°7	1°1	1°1	167	169	88	88	E	1	E	1	8	10	—	☼ (mist).
11	30°01	29°95	32°0	33°1	29°0	34°4	0°1	0°5	155	178	86	94	E	1	SE	1	10	10	040	☼ (mist) a. Gloomy day.
12	29°95	30°05	43°8	46°5	31°6	48°8	0°1	0°4	284	307	99	97	S	1	SSW	3	10	10	038	☼☼☼ (mist) all day.
13	30°10	29°91	50°0	52°1	41°4	54°0	0°7	2°1	342	334	95	85	S	4	SW	7	10	10	060	☼☼☼ (gale) from 2p.
14	29°79	30°12	43°5	35°7	34°7	52°7	1°8	1°3	244	186	86	88	SW	4	SW	3	0	10	193	☼☼☼ Clear and sunny. ☼ p.
15	29°79	30°12	46°7	55°4	34°3	56°3	1°4	2°2	286	377	90	86	S	8	SW	5	10	10	—	☼☼☼ 3a.-7a. ☼ (gale) all day.
16	29°74	30°12	56°7	44°1	43°0	57°0	3°0	0°9	373	269	81	93	SW	8	SW	1	10	10	300	☼☼☼ 10a.-noon. ☼ (gale).
17	29°78	29°99	45°7	43°1	41°1	49°0	3°1	3°2	239	212	78	76	W	5	W	6	0	5	—	☼☼☼ Fine day.
18	30°16	30°22	43°2	46°9	42°0	49°7	1°8	1°1	240	295	86	93	NW	3	W	3	2	10	—	☼☼☼ Fine day.
19	30°11	30°18	47°0	45°9	44°6	53°4	1°3	1°2	291	283	91	93	WSW	1	NW	3	10	10	—	☼☼☼ Fine day.
20	30°23	30°32	49°8	48°4	47°7	52°1	1°1	0°6	330	326	92	96	NW	3	NW	1	10	10	007	☼☼☼ Dull day.
21	30°43	30°47	46°9	46°1	44°9	49°8	0°2	0°3	316	305	99	98	Cal	o	Cal	o	10	10	—	☼☼☼ Dull day.
22	30°48	30°45	44°8	45°3	43°2	47°0	0°6	1°9	282	259	95	86	Cal	o	SW	1	10	10	—	☼☼☼ ⁰ (mist) n.
23	30°29	30°29	38°6	37°0	34°1	46°2	0°5	0°9	224	202	96	92	SW	1	SW	3	0	10	—	☼☼☼ ⁰ (mist) all day.
24	30°12	29°90	45°3	51°6	35°3	52°1	0°6	3°7	289	291	96	76	SW	3	SW	7	10	10	—	☼☼☼ Clear till 3p.
25	30°04	30°00	43°7	50°2	40°8	52°4	2°5	2°6	231	298	81	83	SW	2	W	7	10	0	—	☼☼☼ (gale) p.
26	29°55	29°84	46°7	47°4	45°3	53°0	2°3	2°8	266	262	84	81	SW	4	SW	6	0	10	—	☼☼☼ (gale) at night.
27	29°55	29°32	44°8	39°9	38°1	49°9	2°9	1°0	234	226	79	92	SW	5	SW	3	5	10	006	☼☼☼ Fine day. ☼ (gale) n.
28	29°00	28°83	35°3	36°1	32°1	42°1	0°5	2°4	197	169	96	94	SW	3	SW	5	10	5	043	☼☼☼ showers. ▲ n.
29	28°82	28°89	34°6	35°3	32°8	40°8	1°3	0°7	175	193	87	94	SW	5	SW	4	0	0	022	☼☼☼ Fine day.
30	29°08	29°36	37°2	34°8	31°3	42°1	0°9	1°1	204	180	92	90	W	2	SW	2	10	0	—	☼☼☼ a. Fine day. Fine day.
Mean	29°945	29°951	39°9	39°9	34°6	45°4	1°1	1°3	231	228	90°6	89°3	2°7		3°1	7°3	7°7	1°003		

ST. DAVID'S, PEMBROKE.—DECEMBER 1902.

Height above Mean Sea Level, 215 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 16' W. Lat. 51° 53' N. Gravity Correction, +018 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.	9 a.m.	9 p.m.	9 a.m.			9 p.m.
							9 a.m.	9 p.m.	9 a.m.	9 p.m.							
	ins.	ins.							in.	in.	%	%	SE 7	W 4	10	6	ins.
1	29.15	29.02	46.5	45.9	42.2	51.6	0.0	1.2	.317	.283	100	93	SE 7	W 4	10	6	'545 Squally till 2p. Δ 8p.
2	36	29.42	47.4	43.5	42.8	51.2	2.4	0.6	.269	.269	83	95	WNW 5	NW 3	4	5	'020 Δ showers n. Fine and sunny.
3	29.77	30.10	45.8	34.8	34.2	49.1	1.6	1.4	.272	.174	89	86	NNW 3	ENE 3	2	10	— Δ showers 5a-7a, then fine.
4	30.28	31	31.1	30.5	29.9	37.2	2.6	1.5	.116	.133	66	77	E 4	E 2	2	8	— Sunny intervals.
5	23	13	28.5	30.4	25.2	35.1	2.0	1.2	.103	.139	66	81	E 5	E 4	2	10	— Sunny intervals.
6	08	10	31.3	24.9	24.0	32.4	0.9	1.4	.154	.089	87	66	E 2	E 3	2	10	— Gloomy till 11a.
7	30.11	30.07	24.8	24.5	21.3	31.2	0.9	0.9	.103	.101	77	77	E 4	ENE 2	0	1	— Bright and sunny.
8	29.97	29.88	33.2	34.5	24.2	35.9	0.6	0.0	.177	.200	93	100	ENE 3	E 4	10	10	— Brief sunny intervals.
9	186	91	33.5	36.4	31.2	41.1	1.3	1.7	.165	.184	86	85	NE 3	NE 3	6	5	— Sunny intervals.
10	91	87	37.3	35.9	34.2	38.1	1.8	1.4	.188	.186	85	88	NE 4	NNE 4	9	10	'022 Brief sunny intervals.
11	88	81	35.7	35.5	34.1	40.1	0.8	0.4	.196	.200	93	96	ENE 4	ESE 5	10	10	'010 Brief sunny intervals.
12	71	63	35.5	41.9	33.2	43.1	0.0	0.0	.208	.266	100	100	ESE 5	SE 5	10	10	'072 Δ showers a.
13	66	78	47.5	48.4	41.4	51.1	0.7	0.4	.311	.330	95	97	SSW 4	SW 4	10	4	'050 Δ a.
14	67	43	51.5	47.5	47.0	51.5	0.0	0.7	.381	.311	100	95	S 7	SW 7	10	4	'725 Δ a. and p.
15	56	85	44.0	47.5	41.2	49.1	2.7	2.0	.230	.281	79	86	NW 7	SW 6	3	7	'000 Δ 2a.-6a. Δ 7a. Sunny p.
16	55	61	51.9	52.5	45.0	52.9	0.0	0.0	.387	.396	100	100	SW 7	WSW 7	10	10	'082 Squally showers.
17	77	29.79	47.7	51.5	45.9	53.5	0.2	0.0	.326	.381	99	100	WNW 4	S 3	10	10	'465 Δ (mist) a. Sunny intervals.
18	29.81	30.09	46.4	47.9	46.2	53.1	1.6	2.4	.278	.277	89	84	W 7	WNW 6	8	5	'010 Squally a. Sunny p.
19	30.22	17	48.5	47.3	46.5	50.3	0.6	0.3	.326	.319	95	95	NW 3	NW 3	9	10	'042 showers early a. and 7p.
20	14	20	49.2	50.5	47.0	51.4	0.3	0.0	.342	.368	98	100	NW 3	NW 3	9	10	'012 Sunny intervals.
21	25	26	48.9	47.5	46.9	51.2	0.9	0.1	.323	.327	94	99	NW 2	NW 2	10	10	— Δ (mist) 8a. Δ 4p.
22	28	27	46.3	47.1	45.1	49.8	1.5	0.5	.279	.312	90	96	E 1	SE 2	10	10	— Δ (mist) p.
23	32	31	47.9	41.3	41.1	49.1	0.6	0.4	.318	.252	96	97	ESE 3	SE 1	10	2	— Δ (mist) early a.
24	26	30.20	40.8	48.8	39.1	49.4	0.4	0.4	.246	.335	97	97	SSE 1	SW 4	5	10	— a. Cloudy day.
25	08	29.95	48.3	50.0	47.8	50.2	0.5	0.7	.327	.342	97	95	WSW 5	WSW 7	9	10	— Cloudy day.
26	02	30.02	49.5	49.5	47.9	51.1	0.8	1.0	.333	.328	94	93	W 5	W 5	10	9	— Cloudy day. (gale).
27	30.00	29.63	49.2	49.5	47.7	51.3	1.3	0.7	.318	.336	91	95	W 4	SW 6	8	10	'100 Squally (gale) showers.
28	29.46	29.10	44.7	39.8	39.1	50.4	2.2	1.9	.247	.208	84	85	WSW 7	W 6	6	4	'035 Δ 7a. Squally a. Δ
29	28.84	28.75	38.8	40.4	37.0	44.1	3.0	1.0	.180	.230	77	92	W 6	WNW 6	4	3	'122 Sunny intervals. Δ 3p.-5p.
30	28.80	28.79	39.3	40.9	38.1	41.6	1.4	1.3	.213	.229	89	90	NW 7	NW 6	10	2	'005 Squally Δ 11p.
31	29.13	29.30	40.8	39.5	39.1	42.8	1.1	1.2	.232	.218	92	90	NW 6	NW 3	5	3	— Δ (gale) early a.
Mean	29.810	29.797	42.3	42.1	38.9	46.1	1.1	0.9	.254	.258	89.7	91.4	4.5	4.2	7.5	7.0	2.697

SOUTHAMPTON.—DECEMBER 1902.

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot. Long. 1° 24' W. Lat. 50° 55' N. Gravity Correction, +016 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.	
							Dep. of Wet.	Vapour Pressure.	Percentage.								
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.
1	29.55	29.25	44.0	51.6	43.8	52.6	0.2	0.4	1283	372	98	97	SE 2	SW 3	10	10	670
2	29.50	29.03	46.6	41.6	41.5	52.4	1.8	0.9	276	244	88	94	NW 4	NW 3	5	0	☉ a. and p.
3	29.84	30.22	37.0	31.0	30.5	43.4	0.5	1.0	210	148	85	85	N 3.5	NE 4	5	0	☁ a. and p.
4	30.43	46	28.2	28.9	26.3	36.5	0.0	0.4	154	148	100	93	NE 4	NE 4	5	0	☁ a. Fine and sunny.
5	29	27.2	30.4	24.3	31.6		0.2	0.0	142	170	100	100	NE 4	NE 4	10	10	☉ ga. Dull and cold.
6	24	25	31.0	24.4	24.4	33.7	0.6	0.0	158	131	90	100	ENE 4	NE 4	10	10	Fine, but cold.
7	27	30.17	27.2	33.7	22.0	34.6	0.2	0.3	142	188	96	96	NE 4	NE 4	10	10	☁ a. Sunny, but cold.
8	30.08	29.98	34.0	33.9	33.3	35.1	1.0	1.5	176	165	89	84	NE 5	NE 4.5	10	10	Very cold wind.
9	29.94	30.00	35.0	35.8	32.5	36.6	1.7	1.6	170	181	83	86	NE 4	NE 4	10	10	☉ (sleet) p.
10	29.99	30.05	37.1	34.5	33.8	38.2	1.9	2.0	185	161	84	80	ENE 4	ENE 4	10	10	Very cold wind.
11	30.09	30.06	34.7	30.3	29.9	39.1	1.5	0.5	172	156	85	93	ENE 4	ENE 3	7	10	Dull, with cold wind.
12	30.00	29.92	32.0	45.5	29.7	46.1	0.5	1.0	170	282	93	93	ENE 4	SE 3	10	10	Fine and sunny.
13	29.96	30.10	47.1	49.8	45.0	50.4	0.3	0.6	317	343	98	95	S 3.5	SW 3.5	10	10	☉ a. and p.
14	30.16	29.98	51.2	51.4	46.8	52.4	0.8	1.5	355	341	95	90	SW 5	SW 6	10	10	☉ all day.
15	29.88	30.20	44.7	39.4	38.7	52.3	1.7	1.5	257	212	87	88	SW 3.5	SW 3	4	10	☉ (gale) n. Sunny day.
16	29.87	29.87	49.7	53.3	38.9	53.8	0.4	0.4	346	396	97	97	SW 6	SW 4	10	10	☉ (gale) till 3 p.
17	29.91	29.91	53.8	53.1	50.6	56.1	0.8	0.2	391	399	94	98	SW 4	SW 6	10	10	☉ showers.
18	29.97	30.16	47.8	45.5	45.0	54.3	2.5	2.5	274	248	83	82	NW 5.5	NW 5	3	0	Fine and sunny, with ☉.
19	30.28	32	45.3	48.4	43.5	50.6	1.7	1.3	263	308	87	91	NW 4.5	NW 3	10	10	Sunny a. Cloudy p.
20	22	26	49.7	45.4	45.0	53.2	0.9	1.4	334	271	94	90	NW 3	NW 3	10	10	Fine, but cloudy.
21	31	36	49.6	49.8	42.4	51.3	1.7	1.4	313	322	88	90	NW 3	NW 3.5	9	10	☁ a. Fine, but cloudy.
22	44	47	48.3	47.8	47.4	50.6	0.9	0.8	316	312	94	94	NNW 3	SE 3	10	10	Overcast and mild.
23	51	50	43.9	40.6	40.4	48.7	1.9	1.6	245	219	85	87	SE 3	NE 3	10	5	☉ p.
24	40	40	37.7	35.3	33.2	42.1	0.9	0.8	209	191	92	93	WSW 3	NW 3	10	10	Dull and overcast.
25	26	09	46.9	50.2	34.7	51.4	1.4	2.8	288	293	91	81	SW 4	SW 5	10	10	☁ a. ☁ p.
26	15	30.16	48.8	48.8	47.9	52.6	1.4	1.4	310	310	90	90	W 4	NW 4	10	10	☁ a. Fine day.
27	30.18	29.98	47.4	48.8	46.7	53.2	1.9	2.2	282	292	87	84	NW 3.5	SW 4.5	9	10	Fine day.
28	29.71	29.40	45.9	43.6	41.0	50.4	2.9	1.6	245	248	80	87	W 4.5	SW 4	10	10	☉ 2 a-7 a. ☉ showers p.
29	29.08	28.92	37.4	40.1	36.0	45.2	0.9	3.1	205	188	92	75	SW 3.5	SW 4	5	6	Fine and sunny.
30	28.96	29.00	35.6	36.7	33.9	44.4	1.6	1.3	179	193	85	89	SW 3	SW 3	1	0	☁ a. Sunny a. ☁ p.
31	29.18	29.43	37.9	35.2	34.1	44.4	0.9	1.0	209	186	92	90	NW 3.5	NW 3	10	0	☁ a. Bright p.
Mean	29.994	29.993	41.4	41.4	37.5	46.4	1.2	1.2	244	246	90.6	90.1	3.9	3.8	8.5	6.8	1.860

PLYMOUTH.—DECEMBER 1902.

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 0 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches. Long. 4° 8' W. Lat. 50° 22' N. Gravity Correction, +015 in.

1	29.38	29.21	50.4	52.0	37.8	54.1	0.8	1.1	346	338	94	92	SSE 6	WSW 8	10	10	87	☉ nearly all day.
2	54	29.53	47.4	47.2	45.3	52.2	2.4	0.3	270	318	83	98	W 4	SE 1	2	10	50	Fine most of day. ☉ n.
3	29.84	30.15	43.2	38.3	37.9	50.2	1.0	2.4	257	185	92	80	NNE 2	E 4	8	2	—	Fine and sunny.
4	30.35	40	34.6	32.0	31.5	38.3	3.7	2.3	135	131	68	72	E 3	ENE 2	3	4	—	Fine and sunny.
5	31	21	31.3	31.3	29.2	34.8	1.0	0.1	152	174	86	99	E 4	NE 4	3	10	—	Fine and sunny.
6	14	16	34.2	31.8	28.9	34.2	1.8	0.1	162	178	81	99	E 5	E 4	10	10	—	Fine, but cloudy.
7	15	30.11	30.8	34.0	29.1	34.3	0.1	2.1	170	154	99	79	E 3	ENE 5	10	10	—	Fine, but cloudy.
8	30.00	29.90	34.9	35.8	33.4	35.8	2.0	2.1	162	172	80	82	NE 4	ENE 5	10	10	—	Fine, but cloudy.
9	29.87	30	35.0	37.0	33.6	37.8	1.7	3.3	170	160	83	73	NE 4	ENE 8	10	10	—	Fine, but cloudy.
10	90	91	37.0	36.6	34.0	37.8	2.2	0.9	179	199	81	92	NE 6	ENE 6	10	10	01	Fine, but cloudy.
11	93	92	39.4	38.5	35.9	42.8	1.3	0.8	216	217	90	93	E 6	E 6	10	10	—	Fine day.
12	83	29.82	38.9	48.0	35.8	48.6	0.0	1.3	237	302	100	91	E 6	SW 4	10	8	30	☉ a. ☉ p.
13	29.86	30.02	49.4	51.6	47.6	52.7	1.3	0.6	320	366	91	96	WNW 3	SW 3	6	9	02	☉ in afternoon.
14	30.01	29.78	52.0	53.2	47.0	53.2	0.1	1.5	385	363	99	90	SW 7	SSW 9	10	10	28	Squally ☉ showers.
15	29.89	30.12	45.4	49.2	44.1	53.2	2.5	4.2	248	253	82	72	NW 7	SW 6	8	7	20	Squally ☉ a. Sunny p.
16	86	29.90	52.5	53.2	45.3	53.5	0.2	0.1	390	402	98	99	WSW 8	WSW 5	10	10	15	Squally ☉ all day.
17	29.98	29.96	53.3	53.1	52.2	54.9	0.1	0.5	401	390	98	96	WSW 5	WSW 7	10	10	09	☉ all day.
18	30.03	30.23	49.7	47.5	47.0	53.9	3.9	3.6	265	246	74	75	W 6	W 4	3	3	—	Fine and sunny.
19	34	36	49.4	50.1	47.0	51.9	2.4	1.4	293	326	84	90	NW 4	NW 4	6	2	01	☉ showers in afternoon.
20	25	29	51.1	51.3	47.2	52.8	1.2	1.1	345	349	91	92	NW 5	NW 4	9	2	—	Fine, but cloudy.
21	33	34	49.8	46.7	46.1	52.2	2.3	1.4	300	286	85	90	N 5	NNE 1	9	0	—	Fine, but cloudy.
22	38	37	47.9	49.1	45.6	50.5	1.0	1.0	309	324	93	93	Calm 0	E 3	10	10	—	Fine, but cloudy.
23	41	41	46.4	41.0	40.2	49.1	2.4	1.3	260	229	83	90	SE 2	E 2	10	0	—	Fine, but cloudy.
24	40	38	41.0	35.1	35.0	46.1	2.0	0.5	215	195	84	95	NNW 1	Calm 0	10	0	—	Fine, but cloudy.
25	27	18	48.4	50.0	34.0	50.3	1.3	1.6	308	319	91	89	W 3	W 4	10	10	01	Fine, but cloudy.
26	30.21	30.21	50.9	49.8	48.9	51.7	1.0	0.6	348	343	93	95	WNW 4	WNW 4	9	10	05	Overcast, with ☉.
27	30.21	29.97	47.0	48.6	46.8	50.4	0.0	1.1	323	315	100	93	W 4	WSW 6	9	10	06	Fine day. Squally n.
28	29.74	29.34	49.5	45.9	44.6	50.2	1.1	1.9	325	266	92	87	W 5	WSW 8	8	10	29	Frequent ☉ showers.
29	08	28.93	36.9	40.4	36.5	47.3	0.9	0.9	201	232	92	93	W 2	W 4	2	0	16	☉ showers. Sunny intervals.
30	02	29.03	39.5	38.6	36.6	43.7	3.4	0.6	178	222	74	95	WNW 3	NW 3	6	6	24	☉ showers. Sunny intervals.
31	29.24	29.43	40.9	36.0	35.2	44.4	1.5	1.3	224	188	88	88	NNW 2	Calm 0	5	0	02	☉ showers. Sunny intervals.
Mean	29.960	29.950	43.8	43.6	40.0	47.2	1.5	1.4	261	263	88.0	89.3	4.2	4.3	7.9	7.0	3.26	

ARMAGH.—DECEMBER 1902.

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

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain, 24 hours beginning	Remarks.		
							Dep. of Wet.	Vapour Pressure.	Percentage.									
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.					
1	ins.	ins.	44.6	44.4	42.6	46.7	0.2	0.4	289	283	98	97	SSE 5	W 1	10	10	ins.	Fine and sunny.
2	29.09	28.93	41.0	33.3	33.3	46.7	1.0	1.0	235	170	92	89	SW 2	SW 1	0	3	—	
3	29.85	30.13	36.6	33.6	33.0	42.0	0.2	1.0	213	172	99	89	SW 0.5	E 1	10	5	—	☁ early a.
4	30.26	28	37.4	35.4	33.6	40.0	3.0	2.9	169	154	75	74	SSE 2	SE 3	10	10	—	☁ early a.
5	22	13	35.3	35.0	34.1	38.0	3.8	2.5	136	156	66	76	SSE 3	SSE 3	10	10	—	Overcast all day.
6	11	10	34.3	27.6	27.6	36.8	1.7	1.6	165	104	83	70	SSE 2	S 1	10	2	—	☁ a.
7	13	12	27.0	29.6	25.2	39.8	0.4	1.2	133	132	91	81	S 0.5	SSE 1	3	8	—	
8	06	00	34.8	34.8	29.6	37.3	2.1	2.0	161	162	80	81	ENE 1	ENE 2	10	10	—	Overcast all day.
9	02	09	39.4	36.3	33.2	41.3	1.6	1.3	210	190	87	89	NE 3	NE 1	10	10	—	
10	30.15	30.03	38.6	33.3	35.8	40.8	0.8	2.0	219	202	94	84	NE 2	NE 2	10	10	—	Overcast all day.
11	29.96	29.84	40.1	39.6	38.6	41.0	1.5	1.0	217	223	88	92	SE 2	ESE 1	10	10	—	Overcast all day.
12	71	52	41.3	43.8	38.5	43.8	0.8	1.0	243	264	94	92	E 1	SSE 3	10	10	100	☁ in past n.
13	45	64	46.2	40.0	40.0	49.2	0.8	3.2	295	186	95	75	SSW 3	SSW 3	2	2	060	
14	27	23	53.6	42.3	38.5	55.0	2.0	1.3	355	242	86	90	S 5	SSW 2	10	8	177	
15	59	50	38.6	40.1	38.4	47.0	1.0	0.9	215	229	92	93	W 2	S 4	8	10	332	
16	30	33	47.8	47.0	37.0	54.5	2.0	2.2	283	318	86	99	S 5	SSW 1	10	10	363	
17	69	55	41.8	40.1	40.1	48.0	1.2	1.8	240	212	91	85	WSW 2	SSW 2	9	10	263	
18	29.63	29.93	41.3	39.6	39.6	46.2	2.0	2.0	219	204	84	84	WSW 3	W 1	0	3	048	
19	30.11	30.04	44.0	45.4	39.6	49.0	0.4	1.8	279	262	97	87	W 2	SW 2	10	10	1005	
20	10	18	48.3	47.6	45.2	51.2	0.8	0.8	319	310	95	95	WSW 1	WSW 1	10	10	—	Overcast all day.
21	24	23	47.6	46.1	46.1	50.2	0.1	0.8	328	293	100	94	W 1	WSW 1	10	10	—	Overcast all day.
22	25	23	41.6	40.8	40.3	46.5	0.0	0.8	263	237	100	94	SW 2	SSW 2	10	10	—	Overcast all day.
23	26	22	44.3	44.8	39.0	47.0	0.9	0.9	270	276	93	93	SW 3	SW 1	10	10	—	Overcast all day.
24	30.09	30.03	47.3	46.0	44.8	50.0	1.5	1.1	289	292	90	93	SW 4	WSW 1	10	10	—	Overcast all day.
25	29.78	29.81	48.3	45.0	45.0	52.5	0.8	0.7	319	282	95	94	SW 6	W 1	10	9	—	Overcast all day.
26	86	84	45.0	47.6	42.5	52.8	0.4	2.1	289	280	97	86	SW 3	WSW 2	10	10	063	☁ showers during day.
27	76	29.31	47.3	45.3	45.0	50.0	1.5	2.0	289	257	90	85	SW 4	WSW 3	8	9	110	
28	29.12	28.91	33.0	31.0	31.0	45.3	0.4	0.4	179	163	95	93	SW 4	SW 3	10	9	450	
29	28.57	65	33.3	34.6	30.2	37.0	0.3	0.4	184	193	97	96	SW 4	WNW 3	10	10	460	
30	28.71	28.90	36.0	35.8	33.0	40.0	0.4	0.4	204	202	96	97	WNW 2	NW 1	7	8	040	
31	29.15	29.26	34.6	31.4	31.4	38.5	0.3	1.0	195	153	97	86	WSW 1	SW 1	8	9	—	
Mean	29.733	29.723	41.0	39.5	37.2	45.3	1.1	1.3	239	219	91.1	88.2	2.6	1.8	8.8	8.5	2.703	

DUBLIN (PHOENIX PARK).—DECEMBER 1902.

Height above Mean Sea Level, 155 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 21' W. Lat. 53° 22' N. Gravity Correction, +0.022 in.

Day.	Barometer at 32° Fahr. at Station Level.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain, 24 hours begin- ning	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Pressure.		Percentage.		9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
							9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
1	ins.	ins.	46.0	44.8	44.2	49.9	1.3	0.8	in.	in.	%	%					ins.	
2	29.13	29.05	46.0	44.8	44.2	49.9	1.3	0.8	28.0	27.8	91	94	SE 3	W 1	10	8	11.10	Dull day. ● 9a.-11a.
3	29.37	29.55	41.0	31.7	30.5	47.3	1.5	0.1	22.5	17.7	88	99	W 1	Calm 0	3	1	—	Fine and sunny.
4	29.93	30.19	32.1	40.0	26.5	40.5	0.4	3.3	17.4	18.4	95	74	Calm 0	Calm 0	7	4	—	Fine, but cloudy.
5	30.34	37	37.9	37.3	34.8	40.8	4.5	4.2	14.9	14.9	66	67	SE 1	SE 1	8	4	—	Cloudy day.
6	30	22	34.9	36.1	34.3	37.6	4.2	3.7	13.0	14.7	64	68	SE 2	SE 1	6	10	—	Fine, but cloudy.
7	18	16	33.8	33.1	28.7	37.1	2.3	2.3	14.9	14.2	77	75	Calm 0	Calm 0	10	0	—	Dull day.
8	20	18	30.7	25.0	23.9	36.5	1.7	1.3	13.1	0.92	75	68	Calm 0	Calm 0	4	6	—	Fine and sunny.
9	09	01	38.6	40.5	25.0	41.0	3.6	3.7	16.8	18.2	72	72	E 1	E 2	10	10	—	Dull day.
10	05	10	42.4	42.5	37.9	43.2	4.4	3.9	18.6	19.5	70	73	E 2	E 2	7	10	—	Cloudy day.
11	17	30.03	42.4	42.7	41.3	43.7	3.3	3.0	20.5	21.3	76	78	E 2	E 2	9	10	—	Dull day.
12	30.01	29.90	40.7	42.9	39.2	43.6	1.5	0.7	22.2	26.0	88	95	Calm 0	Calm 0	10	10	0.05	Dull day. ● from 11p.
13	29.77	62	43.9	45.8	41.5	46.8	1.6	1.7	25.2	26.9	87	88	SE 1	S 1	10	6	0.05	● till 3a. Dull day.
14	59	79	48.9	44.2	43.6	52.2	2.0	2.3	29.9	24.0	86	82	SSW 2	SW 2	8	0	0.120	● showers. U p.
15	46	39	54.2	44.7	39.5	55.7	1.8	1.8	36.9	25.5	88	87	SSW 6	SW 2	10	10	0.345	Dull day, with ●.
16	70	75	39.9	44.6	38.7	46.3	1.7	2.3	21.2	24.3	87	82	W 3	SSW 3	4	10	0.230	Fine day. ● from 9p.
17	42	47	54.1	55.3	39.1	55.8	0.5	1.7	40.5	38.9	86	89	SW 3	SW 3	10	8	0.225	● till 3a. (gale) a. Dull day.
18	81	29.65	43.0	42.5	41.8	56.3	0.4	0.7	26.8	25.7	97	94	W 1	Calm 0	7	9	0.175	● showers.
19	29.78	30.07	42.0	43.0	41.2	49.0	1.3	1.8	23.9	23.8	90	86	W 2	W 2	4	1	—	Fine day.
20	30.23	17	47.1	47.2	41.5	50.0	0.9	0.6	30.2	31.0	93	96	W 1	W 1	10	10	0.015	Dull day.
21	20	25	49.6	49.1	46.6	52.6	1.6	1.6	31.4	30.9	89	89	W 2	W 2	9	2	—	Cloudy day.
22	32	33	47.9	46.6	46.1	49.6	0.9	1.3	31.0	28.7	94	91	W 1	Calm 0	10	10	—	Dull and overcast.
23	34	33	41.6	41.5	40.9	47.3	0.8	0.8	24.7	24.5	94	94	Calm 0	Calm 0	10	10	—	Dull and overcast.
24	35	35	48.0	47.0	39.5	49.4	2.3	3.0	27.5	25.3	84	79	Calm 0	Calm 0	8	9	—	Cloudy day.
25	30.26	30.17	47.4	48.5	41.3	49.8	3.0	1.4	25.8	30.6	80	90	SW 1	W 2	9	9	0.005	Cloudy day.
26	29.99	29.93	47.1	50.2	45.4	51.6	1.8	1.7	28.1	32.0	87	89	WSW 2	W 2	8	9	0.035	Cloudy day.
27	30.01	30.00	47.1	49.9	42.7	50.9	1.0	2.4	30.0	29.9	93	85	W 1	W 2	7	9	0.010	Cloudy day.
28	29.94	29.49	47.5	49.6	45.4	51.4	1.8	1.6	28.5	31.4	87	89	WSW 2	SW 4	7	4	0.185	Fine, but cloudy.
29	35	29.07	35.7	33.5	32.3	50.1	1.7	0.5	17.8	18.2	84	94	WSW 3	WSW 2	5	4	0.038	* 3a.-8a. and 7p.-9p.
30	28.77	28.79	33.2	36.5	29.9	37.6	1.2	1.7	16.5	18.4	87	85	WSW 4	W 2	10	1	0.115	* 10a.-11a. ● showers p.
31	28.82	28.98	35.4	34.9	33.3	39.0	0.7	0.9	19.4	18.5	94	91	W 2	W 1	9	3	—	Fine, but cloudy.
Mean	29.23	29.35	34.4	32.2	31.7	39.8	0.7	0.7	18.5	16.7	93	91	W 1	Calm 0	4	2	—	Fine, but cloudy.

BIRR CASTLE.—DECEMBER 1902.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar., -2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 inches.
Long. 7° 55' W. Lat. 53° 6' N. Gravity Correction, +0.021 in.

1	28.99	29.05	47.2	42.7	41.1	50.2	0.7	0.3	30.8	26.8	96	97	SE 7	SE 1	10	7	164	Squally ●.
2	29.34	29.50	38.7	32.9	31.9	46.2	0.3	0.3	23.9	18.2	97	97	E 2	SE 2	3	2	004	Fine and bright. ☁ n.
3	29.89	30.10	31.7	41.7	28.8	44.0	0.3	1.8	17.2	22.7	96	87	S 1	SE 2	5	10	063	Frosty, with ☁.
4	30.23	24	36.6	35.8	32.2	41.8	1.1	2.9	19.6	15.7	91	74	SE 3	NE 4	10	6	112	Overcast, with * (sleet) ●.
5	18	11	33.9	31.7	28.3	36.0	2.7	2.8	14.3	11.9	74	66	E 3	E 4	8	4	—	Fine, bright, and frosty.
6	08	10	31.7	34.0	29.9	35.7	0.9	2.3	15.8	15.0	88	77	SE 5	E 3	5	5	—	Cloudy and frosty.
7	12	30.10	30.7	28.7	26.0	34.8	2.0	0.4	12.5	14.6	72	93	ESE 3	SE 2	0	0	—	Fine bright, and frosty.
8	30.03	29.96	33.7	34.7	22.5	35.3	2.0	1.5	15.3	17.2	79	85	E 2	ESE 2	7	9	—	Cloudy and overcast.
9	29.98	30.06	35.7	34.7	32.1	40.9	0.9	0.9	19.4	18.4	92	92	SW 1	SE 2	7	10	—	Cloudy and cold.
10	30.08	29.97	37.3	41.2	34.0	43.0	1.4	1.9	19.5	21.9	88	85	NE 1	SW 3	0	10	—	Fine day.
11	29.96	81	38.2	42.7	36.9	43.7	1.1	1.1	20.8	25.0	91	91	E 1	SW 1	10	10	—	Overcast all day.
12	66	52	43.7	44.4	41.3	45.0	1.3	1.0	25.6	26.9	89	92	SE 2	SE 1	10	10	075	∞ a. ● in evening.
13	52	71	46.4	40.2	39.1	48.5	0.9	1.0	29.4	22.8	94	92	SSE 2	SE 1	10	3	142	Fine, but cloudy.
14	37	29	53.7	42.7	39.7	54.0	1.3	0.9	37.6	25.5	91	92	SE 6	SE 2	10	4	322	Squally ●.
15	71	59	39.7	44.0	37.4	44.2	2.3	1.0	20.0	26.5	81	92	WSW 2	S 7	2	5	427	Squally ● showers.
16	41	44	53.7	54.0	43.1	54.2	0.8	0.8	39.0	39.4	94	94	SW 5	SW 6	10	10	296	Overcast and squally, with ●.
17	80	29.61	43.1	45.5	42.3	54.7	0.5	0.3	26.7	29.7	96	97	SW 1	SE 1	7	10	276	Cloudy day.
18	29.81	30.08	42.5	44.9	40.7	49.5	2.4	2.4	22.2	24.5	82	83	W 4	W 7	2	1	—	Cloudy, with squally ●.
19	30.24	15	48.5	48.3	43.5	50.2	1.5	0.7	30.3	32.2	89	95	W 2	W 3	10	10	025	☁ (mist) a. Cloudy day.
20	21	26	50.1	48.7	47.7	52.2	0.6	1.1	34.7	31.7	96	92	W 1	Calm 0	10	10	030	Gloomy, with ☁ (mist).
21	32	30	46.9	45.6	44.8	48.9	0.6	0.9	30.7	28.6	96	94	W 1	SW 1	10	10	006	Gloomy, with ☁ (mist).
22	29	26	40.7	43.1	39.9	45.6	0.4	1.1	24.6	25.4	96	91	SW 1	SE 1	10	10	—	☁ (mist) a.
23	29	28	45.1	45.4	40.1	47.7	0.8	1.5	28.1	26.9	93	89	S 1	S 1	10	10	—	Overcast all day.
24	21	30.18	46.4	47.7	44.3	49.7	1.9	0.9	27.1	30.9	87	94	ESE 1	SW 2	5	10	009	Cloudy and overcast.
25	02	29.95	48.7	49.7	41.8	50.7	1.3	0.6	31.1	34.0	91	96	SW 5	SW 2	10	10	052	Overcast, with ☁ (mist).
26	30.01	30.02	48.4	50.3	44.7	51.3	0.9	3.3	31.8	28.3	94	78	W 4	W 5	10	10	—	Cloudy day.
27	29.93	29.50	47.7	48.2	45.8	50.8	2.1	1.5	28.1	30.0	85	90	W 2	SW 8	10	10	405	Overcast, with squally ●.
28	29.36	29.06	35.3	31.9	30.6	48.2	1.7	0.1	17.4	17.9	84	99	W 7	NE 3	6	10	143	Squally ●.
29	28.78	28.85	32.5	34.7	29.1	42.1	0.7	1.3	17.0	17.6	92	87	SW 3	NW 5	10	4	089	* showers a. ☒
30	28.87	29.03	36.0	36.3	32.2	36.6	1.1	0.6	19.1	20.3	90	95	NW 7	W 3	10	10	275	☒
31	29.24	29.32	33.3	38.0	31.8	39.2	0.9	5.5	17.2	13.5	90	59	W 1	E 2	3	7	—	Fine, bright, and frosty.
Mean	29.804	29.786	41.2	41.4	36.9	45.6	1.2	1.4	24.1	23.9	89.5	88.5	2.8	2.8	7.4	7.6	2.915	

METEOROLOGICAL OBSERVATIONS

AT

STATIONS OF THE SECOND ORDER,

FOR THE YEAR 1902.

PART II.

MONTHLY SUMMARIES

OF

PRESSURE, TEMPERATURE, HUMIDITY, BRIGHT SUNSHINE,

AMOUNT OF CLOUD, RAINFALL, DAYS OF WEATHER,

AND

OBSERVATIONS OF WIND DIRECTION,

AT THE FOLLOWING STATIONS:—

Scotland N. { Ben Nevis Summit.
Deerness, Orkney.
Dunrobin Castle.
Fort Augustus.
Fort William.
Glencarron.
Lairg.
Strathpeffer Spa.

England N.E. { Cockle Park, Morpeth.
Durham.
Rounton, Yorkshire.
Scarborough.
Seaham.
Tealby, Lincolnshire.
York.

England E. { Bennington, Herts.
Cambridge.
Geldeston.
Hillington, Norfolk.
Hollisley Bay.
Lowestoft.

Scotland E. { Aberdeen.
Braemar.
Dundee.
Gordon Castle.
Lethnathie.
Marchmont.
Ochertyre.
Wolfelee.

England N.W. { Aysgarth, Yorkshire.
Bidston, near Liverpool.
Llandudno.
Manchester.
Prestwich.
Stonyhurst College.

England S. { Bramley, Surrey.
Eastbourne.
Kew.
Norwood.
Parkstone.
St Leonards.
Southampton.

England S.W. { Falmouth.
Plymouth.
Rousdon.
St David's, Pembroke.
Whitchurch.
Woolacombe, Devon.

Scotland W. { Cally.
Cargen.
Cronkbourne, Isle of Man.
Glasgow.
Laudale.
Pinmore, Ayrshire.
Poltalloch.
Rothesay, Isle of Bute.

Midlands. { Belvoir Castle, Grantham.
Berkhamsted.
Birmingham (Edgbaston).
Buxton.
Cheadle.
Cheltenham.
Churchstoke, Montgomery.
Sheffield.
Wakefield.
Woburn.

Ireland N. { Armagh.
Lissan.
Markree Castle, Co. Sligo.

Ireland S. { Dublin (City).
Dublin (Phoenix Park).
Glasnevin.
Birr Castle.
Valencia.

DEERNESS

Long. $2^{\circ} 45' W.$ Lat. $58^{\circ} 56' N.$ Height above Mean Sea Level, 160 feet. Gravity Correction, $+0.036$ in.

1902.	Mean Pressure at 32° Fahr.	Air Temperature.								Humidity.									
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.		
					Min.	Max.	Min	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins.	38°·9	38°·5	38°·7	34°·7	42°·2	22°·8	26th	50°·4	7th	1°·5	1°·7	1°·6	in.	in.	in.	%	%	%
February	29°·613	38°·9	38°·5	38°·7	34°·7	42°·2	22°·8	26th	50°·4	7th	1°·5	1°·7	1°·6	210	201	206	85°·0	82°·5	83°·8
March	°628	35°·6	36°·1	35°·9	32°·6	38°·0	23°·3	10th	43°·4	23rd	1°·4	1°·5	1°·5	181	184	183	85°·2	85°·6	85°·4
April	°371	40°·6	39°·8	40°·2	36°·1	44°·2	29°·8	30th	49°·0	17th	1°·7	1°·4	1°·6	219	218	219	86°·3	88°·5	87°·4
May	°697	44°·0	41°·9	43°·0	38°·8	47°·4	31°·2	11th	54°·8	25th	2°·3	1°·4	1°·9	241	238	240	82°·8	88°·9	85°·9
June	°714	44°·9	41°·9	43°·4	38°·2	48°·6	32°·0	5, 13	61°·3	24th	3°·3	2°·3	2°·8	230	222	226	76°·5	82°·5	79°·5
July	°780	49°·1	47°·2	48°·2	44°·2	53°·2	39°·5	9th	70°·0	27th	1°·6	1°·3	1°·5	311	298	305	88°·9	91°·0	90°·0
August	°714	50°·8	48°·8	49°·8	45°·7	54°·4	41°·1	24th	63°·0	15th	2°·2	1°·5	1°·9	317	308	313	84°·9	89°·4	87°·2
September	°657	51°·2	49°·1	50°·2	46°·4	54°·3	42°·2	8th	60°·5	24th	2°·4	1°·5	2°·0	319	314	317	84°·2	89°·7	87°·0
October	°783	51°·1	49°·7	50°·4	46°·4	54°·1	39°·5	19th	60°·0	8th	1°·8	1°·3	1°·6	334	327	331	87°·6	90°·6	89°·1
November	°672	47°·9	46°·8	47°·4	42°·9	51°·1	37°·0	18, 19	54°·8	23, 24	2°·1	2°·0	2°·1	286	276	281	85°·5	86°·0	85°·8
December	°604	46°·2	46°·1	46°·2	43°·4	48°·5	38°·8	30th	54°·8	1st	2°·2	2°·5	2°·4	264	257	261	83°·8	82°·4	83°·0
Year	29°·599	40°·8	40°·8	40°·8	37°·2	44°·1	32°·0	26, 28	49°·0	27th	2°·0	2°·1	2°·1	218	215	217	84°·5	83°·6	84°·1
Year	29°·653	45°·1	43°·9	44°·5	40°·6	48°·3	—	—	—	—	2°·0	1°·7	1°·9	261	255	258	84°·6	86°·7	85°·7
15 Years, 1876-1890.	29°·701	45°·7	44°·3	45°·0	41°·0	49°·6	7°·8	Jan. '81	76°·0	July '76	2°·1	1°·7	1°·9	268	261	265	85°·0	87°·6	86°·3

LAIRG

Long. $4^{\circ} 24' W.$ Lat. $58^{\circ} 2' N.$ Height above Mean Sea Level, 387 feet. Gravity Correction, $+0.033$ in.

	ins.														in.	in.	in.	%	%	%
January	29°433	34°5	33°7	34°1	28°6	41°4	2°0	31st	50°2	3rd	0°8	0°6	0°7	—	in. '184	in. '182	in. '183	92	93	92
February	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September	—	53°0	50°9	52°0	45°4	61°2	30°0	19th	72°0	28th	2°6	2°3	2°5	'332	'315	'323	82	85	84	
October	29°420	45°1	42°8	44°0	37°5	—	26°0	10, 19	—	—	—	—	—	—	—	—	—	—	—	—
November	'326	42°4	41°6	42°0	38°0	—	30°0	22nd	—	—	2°9	1°4	2°1	'212	'233	'223	79	90	85	
December	29°368	36°5	34°8	35°6	32°2	40°7	19°0	7th	49°0	22, 27	1°1	1°1	1°1	'195	'180	'188	91	90	90	
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13 Years,† 1886-1901.	29°422	45°4	42°9	44°2	37°5	52°8	—	—	—	—	2°4	1°5	2°0	'249	'244	'247	83	88	86	

DUNROBIN CASTLE -

Long. $3^{\circ} 56' W.$ Lat. $57^{\circ} 59' N.$ Height above Mean Sea Level, 12 feet. Gravity Correction, + .034 in.

[illegible]

† There were no observations for the years 1894, 1895 and 1896.

DEERNESS.

Heights above Ground:—Barometer, 12 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

1902.	Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January	hrs. 35·9	% 17	8·2	6·4	7·3	3·275	·58	5th	21	10	2	1	0	17	12	3	1	3	1	6	14	22	11	1	
February	39·7	16	7·8	6·9	7·4	2·225	·335	20th	15	9	2	0	1	16	6	9	5	3	7	18	5	2	6	1	
March	98·0	27	7·7	7·0	7·4	3·045	·64	20th	23	5	0	0	1	13	7	10	2	2	7	15	12	7	5	2	
April	169·4	39	6·7	5·9	6·3	1·510	·24	15th	13	1	0	0	2	12	7	3	5	5	16	10	3	6	9	3	
May	188·4	36	7·4	6·5	7·0	1·895	·375	27th	17	3	5	0	0	13	4	26	6	3	2	3	6	8	8	0	
June	157·1	29	7·8	7·6	7·7	1·510	·43	13th	8	0	0	1	0	17	1	14	14	8	16	4	0	1	2	1	
July	102·0	19	8·5	8·2	8·4	2·490	·50	28th	22	0	1	0	0	22	2	14	3	6	3	6	2	12	15	1	
August	107·5	23	7·8	8·0	7·9	2·670	·45	28th	14	0	0	1	1	21	0	15	8	9	5	12	5	4	3	1	
September	79·9	21	8·4	8·2	8·3	2·387	·48	3rd	20	0	0	0	0	21	2	11	5	0	5	16	7	6	8	2	
October	100·6	33	7·0	6·9	7·0	2·735	·34	23rd	19	0	0	0	2	15	5	6	2	4	5	15	11	6	6	7	
November	33·8	15	6·9	7·0	7·0	1·535	·32	11th	10	0	0	0	1	12	17	0	0	1	29	17	5	5	2	1	
December	13·6	7	8·1	6·6	7·4	3·790	·51	26th	17	8	4	0	0	13	17	1	4	3	15	11	11	11	5	1	
Year	1125·9	25	7·7	7·1	7·4	29·067	—	—	199	36	14	3	8	192	80	112	55	47	111	133	81	90	80	21	
15 Years, 1876-1890.	1182·8*	27*	7·0	6·9	7·0	36·708	1·660	Feb.'81 Oct.'87	239·0	31·9	16·9	5·6	33·4	157·7	65·9	72·8	41·7	49·3	106·3	102·2	87·6	114·6	94·9	60·9	

LAIRG.

Heights above Ground :—Barometer, 3 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

[illegible]

DUNROBIN CASTLE.

Heights above Ground :—Barometer, 4 feet. Thermometers, 3 feet 8 inches. Rain-gauge, 1 foot.

[illegible]

* The sunshine mean is for 20 years, 1881-1900. † There were no observations for the years 1894, 1895, and 1896. ‡ The cloud amount mean is for 8 years only.

R

GORDON CASTLE -

Long. 3° 5' W. Lat. 57° 37' N. Height above Mean Sea Level, 101 feet. Gravity Correction, +.033 in.

1902.	Mean Pressure at 32° Faht.	Air Temperature.									Humidity.											
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				Dep. of Wet Bulb.			Vapour Pressure.			Percentage.					
					Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.			
January	ins. 29.771	38.1	38.1	38.1	32.0	43.5	9.0	31st	51.5	20th	2.7	2.7	2.7	in. .179	in. .179	in. .179	% 77	% 77	% 77			
February	.719	34.8	34.9	34.8	29.4	40.1	9.5	1st	54.5	23rd	2.7	2.1	2.4	.152	.161	.157	74	77	77			
March	.504	42.4	41.2	41.8	35.9	48.8	28.0	25th	60.5	17th	3.4	3.0	3.2	.203	.200	.201	75	77	76			
April	.781	46.4	42.3	44.3	36.6	51.9	29.0	11th	61.3	20th	2.7	3.0	2.8	.255	.209	.232	82	78	80			
May	.813	47.0	43.4	45.2	38.4	51.5	31.0	16th	70.6	23rd	4.4	2.6	3.5	.225	.226	.226	71	80	76			
June	.837	55.5	51.2	53.3	45.2	60.9	37.5	3rd	81.0	27th	4.6	2.6	3.6	.319	.311	.315	72	83	78			
July	.807	54.9	51.8	53.3	46.9	60.8	40.0	12, 25	72.0	14th	3.9	2.3	3.1	.326	.326	.326	75	85	80			
August	.744	55.5	51.6	53.5	46.6	60.9	38.5	21st	71.0	22nd	4.3	2.0	3.1	.326	.330	.328	73	86	80			
September	.866	55.1	52.0	53.5	46.2	60.2	31.5	19th	70.0	2nd	3.6	2.4	3.0	.336	.325	.331	77	84	81			
October	.757	48.8	45.9	47.3	39.4	54.9	31.2	3rd	61.3	29th	3.2	2.3	2.7	.270	.258	.264	78	84	81			
November	.689	45.2	44.4	44.8	39.9	50.2	26.0	21st	59.5	1st	3.1	2.9	3.0	.233	.230	.231	78	79	78			
December	29.722	39.8	39.2	39.5	34.2	44.1	21.0	7th	54.3	27th	2.7	2.7	2.7	.191	.188	.190	78	79	79			
Year	29.751	47.0	44.7	45.8	39.2	52.3	—	—	—	—	3.4	2.6	3.0	.251	.245	.248	75.8	81.0	78.4			
15 Years, 1886-1900.	29.737	47.8	45.6	46.7	39.8	53.4	0.0*	Jan. '81	83.5*	July '94	3.7	2.8	3.3	.247	.244	.245	75	81	78			

STRATHPEFFER SPA

Long. 4° 28' W. Lat. 57° 37' N. Height above Mean Sea Level, 253 feet. Gravity Correction, +.032 in.

Sea Level, 200 feet. Gravity Correction, + .032 in.																			
January	ins.	36°0	35°8	35°9	30°9	43°6	12.6	27th	53°0	6th	1°6	1°4	1°5	in. 189	in. 192	in. 191	% 85.6	% 87.3	% 86.5
February	—	32°9	33°3	33°1	29°2	39°6	15°0	13th	48°4	24th	1°2	1°1	1°2	167	174	171	88°0	90°3	89°2
March	—	40°3	39°1	39°7	35°3	45°5	27°1	26th	56°2	17th	2°0	1°9	2°0	212	204	208	83°9	84°0	84°0
April	—	45°1	42°0	43°6	36°9	52°0	29°7	7th	59°4	21st	3°5	2°6	3°1	229	215	222	76°2	80°0	78°1
May	—	46°1	43°6	44°9	38°5	52°5	31°1	5th	63°7	23rd	4°1	2°8	3°5	228	228	228	72°5	79°0	75°8
June	—	53°2	51°5	52°4	45°4	62°2	38°7	10th	80°0	27th	3°9	2°7	3°3	314	319	317	76°1	82°1	79°1
July	—	55°2	52°7	54°0	47°6	62°9	41°7	12th	73°2	1st	3°5	2°7	3°1	344	329	337	78°1	81°8	80°0
August	—	54°4	52°8	53°6	47°6	61°4	40°3	21st	66°2	22nd	3°4	2°8	3°1	334	327	331	78°9	81°7	80°3
September	—	54°0	52°2	53°1	47°5	61°5	35°8	19th	67°3	3rd	2°6	2°1	2°4	349	339	344	82°8	85°6	84°2
October	—	46°3	45°4	45°9	39°9	55°0	32°4	10th	61°5	1st	1°9	1°8	1°9	273	265	269	86°5	87°0	86°8
November	—	42°0	42°5	42°3	37°9	49°8	30°2	18, 21	56°2	1, 7	1°7	2°0	1°9	235	234	235	86°5	85°0	85°8
December	—	37°8	36°7	37°3	32°6	45°0	22°5	7, 9	54°1	13th	1°4	1°5	1°5	204	193	199	88°2	86°6	87°4
Year	—	45°3	44°0	44°7	39°1	52°6	—	—	—	—	2°6	2°1	2°4	257	252	255	81°9	84°2	83°1
— Years, 18—19—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

GLENCARRON

Long. 5° 14' W. Lat. 57° 30' N. Height above Mean Sea Level, 489 feet. Gravity Correction, +.032 in.

January	ins. 29.366	35.4	36.4	35.9	31.5	41.5	12.9	30th	56.5	2nd	1.3	1.6	1.5	in. 1.82	in. 1.85	in. 1.84	88	86	87			
February	270	34.0	33.8	33.9	29.1	39.2	10.9	14th	52.4	24th	1.7	1.3	1.5	1.62	1.68	1.65	82	86	84			
March	—	40.0	38.9	39.5	34.7	45.3	22.4	24th	52.0	1st	1.8	1.5	1.7	2.11	2.08	2.10	86	89	88			
April	332	43.8	42.1	42.9	35.8	50.6	27.0	7th	59.8	25th	3.8	3.2	3.5	2.07	2.04	2.06	72	76	74			
May	397	43.6	41.4	42.5	36.4	48.9	28.6	10th	55.0	23rd	3.1	2.2	2.7	2.19	2.16	2.17	77	84	81			
June	398	54.9	50.2	52.5	44.6	61.3	36.0	10th	80.6	26th	5.0	2.6	3.8	3.01	2.98	3.00	70	83	77			
July	391	51.8	50.4	51.1	46.6	56.8	39.7	24th	64.7	5th	3.0	2.5	2.8	3.09	3.03	3.06	80	83	81			
August	319	52.9	51.1	52.0	46.1	58.4	39.0	21st	65.7	22nd	3.4	2.3	2.9	3.13	3.17	3.15	78	84	81			
September	430	53.4	51.0	52.2	47.2	58.5	34.0	19th	66.9	1st	2.7	2.4	2.6	3.35	3.13	3.24	82	84	83			
October	323	46.4	45.4	45.9	39.5	52.0	30.4	10th	58.0	2nd	2.1	1.9	2.0	2.67	2.60	2.64	85	87	86			
November	200	44.8	44.0	44.4	39.4	50.1	32.0	18th	61.9	15th	3.1	2.8	2.9	2.30	2.28	2.29	78	78	78			
December	29.280	38.9	37.8	38.3	32.9	42.9	20.6	7th	52.2	14th	2.0	1.9	1.9	1.98	1.91	1.95	85	84	84			
Year	29.315	45.0	43.5	44.3	38.7	50.5	—	—	—	—	2.8	2.2	2.5	2.45	2.41	2.43	80.3	83.7	82.0			
15 Years, 1886-1900.	29.303	45.5	44.2	44.9	38.9	51.3	8.6	Feb. '95	83.6	July '94	2.6	2.1	2.4	2.47	2.44	2.45	81	84	83			

* The extremes of temperature are for 20 years, 1881-1900.

GORDON CASTLE.

Heights above Ground:—Barometer, —3 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

1902.	Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	hrs.	%				ins.	ins.																	
February	—	—	7.2	6.8	7.0	1.27	.26	20th	11	—	—	0	1	10	—	0	1	0	6	5	35	5	10	0
March	—	—	7.4	6.3	6.9	1.19	.35	7th	11	—	—	0	0	9	—	0	4	0	23	2	19	2	6	0
April	—	—	6.9	6.6	6.8	2.28	.57	7th	19	—	—	0	1	11	—	1	3	0	11	6	28	3	10	0
May	—	—	6.4	6.0	6.2	0.96	.26	12th	13	—	—	1	1	7	—	0	4	0	15	12	15	3	11	0
June	—	—	8.1	7.7	7.9	2.69	.26	8th	25	—	—	0	0	15	—	2	10	3	6	0	14	0	27	0
July	—	—	7.7	7.7	7.7	3.62	.56	12th	18	—	—	0	2	17	—	3	17	3	24	0	1	0	12	0
August	—	—	9.1	8.4	8.8	4.41	.77	10th	25	—	—	1	0	18	—	0	6	0	9	2	15	3	27	0
September	—	—	8.4	7.8	8.1	2.33	.42	19th	18	—	—	1	0	17	—	0	7	0	9	1	14	2	29	0
October	—	—	8.7	8.1	8.4	1.55	.36	17th	20	—	—	0	0	19	—	1	4	0	23	2	13	2	15	0
November	—	—	6.6	6.3	6.5	2.28	.72	17th	19	—	—	0	1	9	—	0	7	0	3	2	38	4	8	0
December	—	—	6.2	6.2	6.2	0.84	.23	9th	15	—	—	0	3	9	—	0	0	1	35	9	11	1	3	0
Year	—	—	7.4	6.6	7.0	3.70	.53	15th	16	—	—	0	0	11	—	0	6	1	14	4	26	4	7	0
15 Years, 1886-1900.	—	—	7.5	7.0	7.3	27.12	—	—	210	—	—	3	9	152	—	7	69	8	178	45	229	29	165	0
	—	—	6.9*	6.2*	6.6*	30.78	—	—	194	—	—	6	—	—	—	—	—	—	—	—	—	—	—	—

STRATHPEFFER SPA.

Heights above Ground:—Barometer, 4 feet. Thermometers, 5 feet. Rain-gauge, 1 foot.

January	hrs. 31.9	% 15	—	—	—	ins. 2.36	ins. .37
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ABERDEEN

Long. 2° 6' W. Lat. 57° 10' N. Height above Mean Sea Level, 46 feet. Gravity Correction, +032 in.

1902.	Mean Pressure at 32° Fah.	Air Temperature.									Humidity.											
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.					
					Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.			
January	ins. 29.807	36.9	37.6	37.3	33.5	42.4	15.6	31st	52.1	6th	2.1	2.7	2.4	in. 1.180	in. 1.175	in. 1.178	83	78	81			
February	770	33.8	35.1	34.5	31.7	38.1	16.5	1st	44.5	23rd	1.5	1.9	1.7	1.164	1.167	1.166	84	81	83			
March	541	40.7	41.0	40.9	36.5	46.7	30.4	26th	59.0	17th	2.4	2.6	2.5	2.206	2.204	2.205	81	80	81			
April	824	44.2	42.2	43.2	37.5	48.0	30.8	7th	55.4	29th	3.4	2.3	2.9	2.218	2.221	2.220	75	83	79			
May	819	45.7	44.0	44.9	39.9	50.3	33.4	6th	73.1	23rd	3.8	3.0	3.4	2.226	2.224	2.225	73	77	75			
June	858	51.0	49.4	50.2	45.8	55.1	38.9	9th	69.0	30th	2.7	2.0	2.4	3.06	3.03	3.05	82	87	85			
July	822	55.1	52.9	54.0	48.1	59.6	41.4	26th	74.0	15th	4.5	3.1	3.8	3.315	3.320	3.318	72	80	76			
August	771	54.2	52.1	53.2	48.6	58.4	44.0	21st	67.7	23rd	3.8	2.8	3.3	3.318	3.317	3.318	75	81	78			
September	898	53.0	51.2	52.1	47.6	56.7	36.0	19th	64.7	26th	2.7	2.3	2.5	3.330	3.319	3.325	82	84	83			
October	796	46.4	46.2	46.3	40.8	51.9	29.7	19th	60.4	31st	2.3	2.2	2.3	2.262	2.263	2.263	84	85	85			
November	742	46.2	45.5	45.9	42.9	48.8	31.5	24th	55.7	1st	2.6	2.5	2.6	2.255	2.248	2.252	82	82	82			
December	29.763	40.5	40.1	40.3	36.5	44.1	28.3	23rd	53.7	25th	2.9	2.5	2.7	2.195	2.199	2.197	78	80	79			
Year	29.784	45.6	44.8	45.2	40.8	50.0	—	—	—	—	2.9	2.5	2.7	2.248	2.247	2.248	79.3	81.5	80.4			
30 Years, 1871-1900.	29.758	46.2	45.2	45.7	40.6	52.0	4	Jan. '81	86	July '76	—	—	—	—	—	—	—	—	—			

FORT AUGUSTUS

Long. 4° 40' W. Lat. 57° 8' N. Height above Mean Sea Level, 68 feet. Gravity Correction, +032 in.

January	ins. 29.865	36.2	36.4	36.3	31.4	42.2	8.8	30th	50.9	6th	1.2	1.7	1.5	in. 1.191	in. 1.184	in. 1.188	89	85	87			
February	759	33.8	35.1	34.4	28.3	41.0	9.0	14th	54.0	25th	1.5	2.2	1.8	1.164	1.161	1.163	84	79	82			
March	553	40.4	41.2	40.8	35.3	47.7	21.9	25th	53.7	10th	1.7	2.0	1.9	2.216	2.217	2.216	87	85	86			
April	802	43.8	43.3	43.5	35.6	52.4	25.3	7th	60.1	20th	2.9	2.6	2.7	2.224	2.225	2.224	77	80	78			
May	871	45.8	44.2	45.0	38.4	51.5	26.5	10th	63.8	23rd	3.2	2.4	2.8	2.239	2.238	2.238	78	82	80			
June	859	52.7	52.5	52.6	45.2	60.2	35.0	18th	84.0	25th	3.1	2.5	2.8	3.317	3.328	3.323	80	83	81			
July	860	54.3	53.5	53.9	47.9	60.4	39.0	26th	71.0	5th	3.4	3.0	3.2	3.330	3.329	3.330	78	80	79			
August	783	53.6	53.0	53.3	46.5	59.8	35.3	12th	66.6	15th	2.5	2.2	2.4	3.342	3.342	3.342	83	85	84			
September	905	53.0	52.7	52.8	47.1	59.5	29.9	19th	68.4	2nd	2.2	2.4	2.3	3.342	3.334	3.338	85	84	84			
October	817	44.5	46.3	45.4	38.6	53.1	26.9	4th	58.7	2nd	1.2	1.9	1.6	2.266	2.270	2.268	90	87	88			
November	676	45.5	45.3	45.4	40.1	50.6	29.6	22nd	59.3	6th	3.0	3.0	3.0	2.239	2.237	2.238	79	78	78			
December	29.773	39.6	38.7	39.1	34.1	43.4	18.4	9th	51.4	14th	2.3	2.1	2.2	2.199	2.195	2.197	81	84	83			
Year	29.794	45.3	45.2	45.2	39.0	51.9	—	—	—	—	2.3	2.3	2.3	2.256	2.255	2.255	82.6	82.7	82.7			
15 Years, 1886-1900.	29.781	45.8	45.7	45.8	39.6	52.8	2.1	Jan. '93	83.3	June '87 Aug. '99	2.4	2.3	2.3	2.255	2.256	2.255	83	84	83			

BRAEMAR

Long. 3° 24' W. Lat. 57° 0' N. Height above Mean Sea Level, 1111 feet. Gravity Correction, +030 in.

January	ins. 28.698	32.7	33.1	32.9	28.5	38.9	3.0	27th	48.2	16th	1.6	1.7	1.7	in. 1.167	in. 1.162	in. 1.165	83.4	82.2	82.8			
February	616	30.1	30.4	30.3	23.7	35.1	0.0	14th	46.8	24th	1.2	1.1	1.2	1.151	1.150	1.151	85.2	85.3	85.3			
March	426	37.4	37.8	37.6	32.6	44.2	18.3	24th	55.0	17th	2.0	2.3	2.2	1.187	1.184	1.186	81.9	79.5	80.7			
April	689	40.6	39.3	40.0	32.2	47.5	21.2	7th	55.2	17th	2.6	2.1	2.4	2.205	2.202	2.204	80.4	83.3	81.9			
May	713	42.9	40.5	41.7	36.0	48.4	23.2	10th	68.3	23rd	3.3	2.3	2.8	2.214	2.210	2.212	77.3	82.5	79.9			
June	741	53.1	50.5	51.8	41.9	60.3	32.4	18th	77.7	27th	4.6	3.0	3.8	3.300	3.299	3.300	73.6	80.6	77.1			
July	734	52.2	50.5	51.4	45.2	58.3	34.6	26th	70.0	5th	4.0	2.8	3.4	2.296	2.298	2.297	75.2	81.5	78.4			
August	671	51.3	49.7	50.5	43.7	57.9	33.8	30th	66.1	15th	3.5	2.2	2.9	2.292	2.302	2.297	77.4	85.5	81.5			
September	794	50.4	49.4	49.9	44.1	56.1	32.6	19th	67.2	8th	2.6	2.4	2.5	3.304	3.298	3.301	82.4	83.6	83.0			
October	690	41.2	42.3	41.8	36.0	49.6	21.8	11th	56.0	28th	1.6	1.8	1.7	2.230	2.235	2.233	87.2	86.3	86.8			
November	603	41.1	40.7	40.9	36.5	45.9	25.8	24th	55.3	6th	2.0	2.1	2.1	2.221	2.214	2.218	84.0	83.1	83.6			
December	28.640	35.7	35.2	35.5	30.7	39.7	14.0	7th	50.2	21st	1.5	1.6	1.6	1.183	1.177	1.180	85.3	83.9	84.6			
Year	28.668	42.4	41.6	42.0	35.9	48.5	—	—	—	—	2.5	2.1	2.3	2.229	2.228	2.229	81.1	83.1	82.1			
30 Years, 1871-1900.	—	—	—	—	36.5	50.0	—17.0	Feb. '95	85.0	Aug. '76	—	—	—	—	—	—	—	—	—			

ABERDEEN.

Heights above Ground:—Barometer, 42 feet. Thermometers, 41 feet. Rain-gauge, 2 feet.

1902.	Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	hrs. 47.6	% 21	5.4	5.5	5.5	ins. 1.560	ins. 1.470	1st	19	9	1	0	1	2	5	0	1	0	1	5	18	16	15	6
February	57.7	22	7.2	6.8	7.0	1.055	1.370	24th	17	7	0	0	0	11	0	3	1	1	11	13	6	10	9	2
March	111.1	31	6.5	6.1	6.3	1.305	2.50	21st	18	5	2	0	0	5	1	2	0	1	1	13	18	7	9	11
April	166.8	39	6.0	5.7	5.9	2.580	.885	15th	15	3	1	0	1	6	3	3	4	5	15	3	7	8	12	
May	182.8	36	6.9	6.7	6.8	4.310	.840	31st	25	4	8	1	0	7	0	11	6	5	2	2	4	9	18	5
June	118.7	22	7.4	8.4	7.9	1.540	1.350	4th	18	0	0	1	1	18	0	13	6	9	8	9	1	1	6	7
July	118.3	22	7.4	7.1	7.3	3.685	.800	26th	20	0	1	2	0	10	1	6	3	2	2	6	7	8	19	9
August	122.3	26	7.4	7.5	7.5	2.862	.920	3rd	20	0	0	1	1	13	0	7	1	4	3	12	6	3	14	12
September	93.2	25	7.5	7.6	7.6	1.375	.520	22nd	20	0	0	0	1	13	0	7	1	0	4	10	7	8	10	13
October	99.0	32	5.9	5.7	5.8	1.635	.280	14th	21	0	0	0	0	4	1	1	1	6	3	11	11	10	12	7
November	36.7	16	6.8	7.1	7.0	2.270	.610	6th	15	0	0	0	0	12	4	0	0	1	31	14	8	4	1	1
December	24.7	12	6.9	6.2	6.6	2.905	.530	1st	22	5	4	0	1	8	3	1	1	2	16	11	12	10	5	4
Year	1178.9	27	6.8	6.7	6.8	27.082	—	—	230	33	17	5	6	109	18	54	24	35	87	121	101	93	126	89
35 Years, 1866-1900.	1343.9*	30*	—	—	—	30.77	—	—	214†	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

FORT WILLIAM

Long. 5° 7' W. Lat. 56° 49' N. Height above Mean Sea Level, 31 feet. Gravity Correction, + .031 in.

[illegible]

BEN NEVIS SUMMIT

Long. $5^{\circ} 0' W$. Lat. $56^{\circ} 48' N$. Height above Mean Sea Level, 4405 feet. Gravity Correction, +.020 in.

[illegible]

LEDNATHIE

Long. $3^{\circ} 7' W$. Lat. $56^{\circ} 45' N$. Height above Mean Sea Level, 719 feet. Gravity Correction, +.030 in.

	ins.													in.	in.	in.	%	%	%
January	29°140	35°2	34°5	34°8	28°0	41°4	10°8	27th	51°0	22nd	1°9	1°9	1°9	°169	°162	°166	82	81	81
February	29°064	30°4	31°1	30°7	25°2	37°4	10°5	14th	43°0	23rd	1°4	1°4	1°4	°135	°140	°138	79	80	80
March	28°855	38°6	38°3	38°4	31°3	46°5	22°0	24th	59°3	17th	2°2	2°1	2°1	°192	°191	°192	82	83	82
April	29°123	42°6	39°9	41°2	32°4	50°5	21°5	7th	59°5	25th	3°2	2°1	2°6	°208	°205	°206	77	83	80
May	°135	44°6	41°6	43°1	35°7	50°5	28°0	10th	73°0	23rd	4°3	2°8	3°6	°206	°207	°206	70	80	75
June	°161	53°3	49°3	51°3	41°6	60°3	32°0	18th	77°8	27th	3°6	2°2	2°9	°312	°296	°304	76	85	81
July	°157	54°0	50°8	52°4	44°0	60°3	33°5	25th	70°0	15th	4°1	2°5	3°3	°308	°309	°308	74	83	79
August	°089	52°9	49°6	51°2	43°2	59°2	34°8	8th	71°0	15th	3°6	1°9	2°7	°308	°308	°308	77	87	82
September	°218	53°0	49°2	51°1	42°0	58°1	33°8	25th	71°2	7th	3°2	1°7	2°4	°317	°308	°312	79	89	84
October	°114	44°3	42°7	43°5	35°9	52°4	25°2	19th	58°2	1st	2°3	1°7	2°0	°241	°237	°239	82	86	84
November	°058	41°3	42°2	41°7	36°5	46°9	26°0	24th	54°8	1st	1°4	1°6	1°5	°231	°235	°233	89	88	88
December	29°077	36°8	36°6	36°7	31°3	40°9	8°6	7th	54°5	21st	1°6	1°4	1°5	°188	°190	°189	87	88	88
Year	29°098	43°9	42°2	43°0	35°6	50°4	—	—	—	—	2°7	1°9	2°3	°234	°232	°233	79°5	84°4	82°0
15 Years, 1886-1900.	29°079	44°6	42°8	43°7	36°4	51°6	— 3°0	Feb'95	83°2	June'95	2°9	2°0	2°5	°232	°233	°232	79	85	82

* The extremes of temperature are for 15 years, 1886-1900.

- FORT WILLIAM.

Heights above Ground:—Barometer, 11 feet. Thermometers, 5 feet. Rain-gauge, 1 foot 8 inches.

[illegible]

BEN NEVIS SUMMIT.

Heights above Ground :—Barometer, 2 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

[illegible]

LEDNATHIE.

Heights above Ground :—Barometer, 3 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

[illegible]

* The sunshine mean is for 20 years, 1881-1900.

‡ The rainfall mean is for 16 years, 1885-1900.

† The rain-days' mean is for 30 years, 1871-1900.

§ The cloud amount mean is for 11 years, 1891-1901.

LAUDALE

Long. 5° 41' W. Lat. 56° 41' N. Height above Mean Sea Level, 14 feet. Gravity Correction, +031 in.

1902.	Mean Pressure at 32° Falt.	Air Temperature.						Humidity.											
		9 a.m. 9 p.m. Mean.			Means of			Absolute Min. and Max.			Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.		
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 29.933	39.8	39.4	39.6	34.9	44.4	16.8	30th	53.8	3rd	1.8	2.0	1.9	212	207	210	81.3	79.3	80.3
February	801	35.6	35.8	35.7	30.6	40.5	17.6	10th	50.7	24th	1.9	2.4	2.2	175	165	170	78.8	72.3	75.6
March	621	43.4	42.6	43.0	38.1	48.1	22.4	24th	52.0	17, 18	1.9	2.0	2.0	242	234	238	85.1	84.5	84.8
April	868	46.5	43.4	45.0	38.2	52.8	28.7	5th	61.0	26th	2.7	2.0	2.4	259	241	250	81.0	85.0	83.0
May	937	47.2	45.0	46.1	39.3	52.9	31.6	10th	63.0	26th	2.7	1.9	2.3	266	259	263	81.3	85.6	83.5
June	885	57.9	56.1	57.0	49.6	64.5	36.6	10th	83.4	28th	3.3	2.8	3.1	395	377	386	80.6	82.9	81.8
July	923	55.6	53.2	54.4	48.8	61.2	38.6	21st	67.0	5th	2.2	1.4	1.8	383	371	377	86.4	90.6	88.5
August	836	56.3	53.7	55.0	48.9	61.4	42.0	21st	68.2	15th	2.2	1.3	1.8	391	378	385	85.9	91.0	88.5
September	958	54.9	53.6	54.3	49.0	60.2	39.9	19th	66.0	2nd	1.6	1.6	1.6	389	373	381	89.7	89.7	89.7
October	872	47.4	47.6	47.5	39.4	54.5	29.9	7th	59.0	1, 29	1.4	1.3	1.4	299	301	300	89.8	90.9	90.4
November	717	47.7	46.8	47.3	42.1	50.9	32.7	20th	57.2	7th	1.9	2.0	2.0	290	279	285	86.6	86.1	86.4
December	29.845	41.9	42.1	42.0	37.6	46.1	25.7	8th	55.0	16th	1.8	2.1	2.0	233	228	231	85.3	82.5	83.9
Year	29.850	47.9	46.6	47.3	41.4	53.1	—	—	—	—	2.1	1.9	2.0	295	284	290	84.3	85.0	84.7
30 Years, 1871-1900.	—	—	—	—	42.0	53.5	9.7*	Feb. '00	82.0*	July '94	—	—	—	—	—	—	—	—	—

DUNDEE

Long. 2° 56' W. Lat. 56° 28' N. Height above Mean Sea Level, 160 feet. Gravity Correction, +030 in.

1902.	Mean Pressure at 32° Falt.	Air Temperature.						Humidity.											
		9 a.m. 9 p.m. Mean.			Means of			Absolute Min. and Max.			Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.		
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 29.770	37.1	37.8	37.5	32.7	42.3	17.0	31st	52.3	6th	1.3	1.3	1.3	201	206	204	86.8	88.2	87.5
February	692	33.1	34.3	33.7	28.9	38.0	16.9	14th	45.3	23rd	0.7	0.9	0.8	175	181	178	91.0	90.4	90.7
March	489	41.1	40.6	40.9	35.2	47.7	27.0	24th	57.2	17th	1.7	1.6	1.7	225	223	224	86.9	87.3	87.1
April	749	44.5	42.2	43.4	36.3	52.4	27.2	7th	60.9	29th	2.4	1.6	2.0	245	238	242	83.6	88.2	85.9
May	757	48.1	43.8	46.0	38.8	53.4	32.2	10, 14	73.5	23rd	3.9	2.1	3.0	251	244	248	74.4	84.6	79.5
June	773	53.1	50.1	51.6	45.6	59.4	38.2	18th	74.5	30th	2.6	1.3	2.0	336	331	334	83.5	91.0	87.3
July	757	57.5	53.7	55.6	48.1	63.3	40.1	2nd	74.6	15th	4.4	2.2	3.3	355	357	356	74.7	86.0	80.4
August	692	55.5	52.2	53.9	47.1	62.5	38.2	21st	73.2	15th	3.0	1.5	2.3	362	351	357	81.7	90.1	85.9
September	833	53.4	51.5	52.5	46.9	59.3	36.8	13th	69.6	8th	1.9	1.5	1.7	362	347	355	87.8	90.0	88.9
October	733	46.4	45.9	46.2	40.3	52.9	30.1	19th	57.6	31st	1.9	1.7	1.8	275	274	275	86.7	88.1	87.4
November	658	44.0	44.0	44.0	40.0	48.4	30.8	22nd	56.4	1st	1.4	1.6	1.5	261	256	259	89.3	88.2	88.8
December	29.715	39.8	39.4	39.6	35.3	43.4	20.1	7th	53.2	21, 26	1.9	1.8	1.9	210	209	210	83.9	85.4	84.7
Year	29.718	46.1	44.6	45.4	39.6	51.9	—	—	—	—	2.3	1.6	2.0	272	268	270	84.2	88.1	86.2
30 Years, 1871-1900.	—	—	—	—	40.3	52.9	4.2	Feb. '95	88.9	June '87	—	—	—	—	—	—	—	—	—

OCHTERTYRE

Long. 3° 53' W. Lat. 56° 23' N. Height above Mean Sea Level, 329 feet. Gravity Correction, +030 in.

1902.	Mean Pressure at 32° Falt.	Air Temperature.						Humidity.											
		9 a.m. 9 p.m. Mean.			Means of			Absolute Min. and Max.			Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.		
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 29.582	36.5	36.8	36.7	31.8	43.9	16.0	26, 31	51.0	6th	1.9	2.0	2.0	181	181	181	83	83	83
February	499	32.1	32.8	32.4	29.2	39.3	17.0	13th	45.0	23, 24	1.3	1.5	1.4	152	155	154	83	83	83
March	300	41.4	40.0	40.7	34.9	50.6	24.0	23rd	61.0	7th	2.6	2.2	2.4	208	203	206	81	82	82
April	555	44.9	41.1	43.0	35.0	54.1	26.0	6th	64.0	25th	3.6	2.1	2.8	221	214	218	74	83	79
May	582	48.4	43.1	45.7	37.7	56.0	29.0	9th	72.0	23rd	4.7	2.3	3.5	234	229	232	69	82	75
June	590	54.2	50.8	52.5	45.3	63.4	38.0	10th	80.0	25th	3.7	2.2	3.0	320	316	318	76	85	81
July	589	56.3	52.4	54.4	46.5	65.3	36.0	24th	75.0	5th	4.5	2.9	3.7	331	319	325	72	81	76
August	518	55.7	51.3	53.5	45.9	64.5	38.0	10, 11, 29	77.0	15th	3.9	2.2	3.0	338	322	330	76	85	81
September	651	54.3	50.8	52.6	46.0	61.8	33.0	12th	76.0	7th	3.0	1.9	2.5	339	324	332	80	87	84
October	553	46.3	44.7	45.5	38.8	54.9	29.0	3, 9	61.0	11th	2.2	2.1	2.2	263	249	256	85	85	85
November	441	42.6	42.6	42.6	38.3	48.9	25.0	21st	58.0	6th	1.6	1.9	1.8	238	233	236	87	86	86
December	29.526	38.4	38.2	38.3	34.1	43.5	16.0	6th	53.0	21, 27	1.8	1.6	1.7	199	197	198	86	87	87
Year	29.532	45.9	43.7	44.8	38.6	53.8	—	—	—	—	2.9	2.1	2.5	252	245	249	79.3	84.1	81.7
14 Years, 1886-1899.	29.517	46.8	44.9	45.9	38.5	54.4	2.0†	Jan. '94	90.0†	June '93	3.0	2.4	2.7	252	245	249	80	83	81

* The extremes of temperature are for 20 years, 1881-1900.

† The extremes of temperature are for 25 years, 1876-1900.

LAUDALE

Heights above Ground:—Barometer, 11 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

1902.	Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	hrs.	%	7.9	7.2	7.6	ins.	ins.	23rd	27	8	1	0	3	18	6	15	4	2	3	4	0	26	6	2
February	—	—	6.2	5.4	5.8	2.57	.50	8th	16	9	0	0	7	9	5	5	8	9	6	15	3	0	1	9
March	—	—	8.4	7.0	7.7	9.20	1.02	3rd	30	8	2	1	1	16	3	15	1	1	1	15	3	18	5	3
April	—	—	5.6	5.0	5.3	5.69	1.23	11th	17	7	0	0	7	6	2	9	4	6	5	19	1	3	5	8
May	—	—	7.9	6.4	7.2	5.72	1.80	27th	27	9	4	0	1	15	2	28	2	3	3	4	0	9	10	3
June	—	—	7.2	7.1	7.2	1.82	.65	6th	15	0	0	0	4	11	2	4	6	12	9	14	2	3	3	7
July	—	—	8.2	7.5	7.9	3.54	.65	9th	24	0	0	0	0	14	0	17	1	1	2	5	2	17	12	5
August	—	—	7.9	8.7	8.3	6.77	1.95	22nd	21	0	0	1	0	15	1	9	0	3	2	12	3	10	11	12
September	—	—	8.8	7.8	8.3	7.41	1.68	3rd	24	0	1	1	0	20	1	5	2	1	5	18	2	14	5	8
October	—	—	6.3	7.0	6.7	8.43	1.02	16th	21	0	1	0	5	13	3	5	2	3	3	8	5	13	9	14
November	—	—	7.0	6.6	6.8	6.81	1.13	28th	22	0	0	0	4	12	1	1	0	7	9	26	3	4	8	2
December	—	—	7.0	7.4	7.2	11.52	1.95	15th	21	4	4	0	2	17	9	2	3	4	17	3	7	18	6	2
Year	—	—	7.4	6.9	7.2	77.64	—	—	265	45	13	3	34	166	35	115	33	52	65	143	31	135	81	75
35 Years, 1866-1900.	—	—	—	—	—	75.32	—	—	242*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

POLTALLOCH -

Long. 5° 30' W. Lat. 56° 8' N. Height above Mean Sea Level, 132 feet. Gravity Correction, +.029 in.

1902.	Mean Pressure at 32° Fahr.	Air Temperature.										Humidity.									
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.				
					Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.		
January	ins. 29.825	39.1	38.5	38.8	34.0	44.2	14.0	30th	52.0	4th	1.0	1.3	1.2	in. .219	in. .207	in. .213	% 92	% 89	% 90		
February	.687	35.0	34.4	34.7	30.4	38.8	19.0	10, 13	48.0	24th	1.1	1.1	1.1	.182	.177	.179	89	88	88		
March	.516	42.4	41.7	42.0	38.7	45.6	32.0	23, 25	52.0	11th	1.1	0.8	1.0	.248	.248	.248	91	94	92		
April	.768	46.9	43.7	45.3	37.2	53.8	32.0	9th	62.0	26, 28, 29	2.5	2.5	2.5	.263	.231	.247	83	81	82		
May	.821	48.1	44.7	46.4	38.5	53.9	34.0	14th	59.0	24, 31	3.2	2.8	3.0	.260	.235	.248	77	79	78		
June	.777	57.4	54.1	55.8	47.4	63.4	38.0	10th	85.0	29th	2.1	2.0	2.1	.409	.362	.386	87	86	86		
July	.804	55.9	52.7	54.3	?	63.1	?	?	74.0	1st	2.6	1.9	2.3	.374	.347	.361	84	88	86		
August	.732	56.5	52.6	54.5	?	64.2	?	?	73.0	16th	3.1	1.4	2.2	.368	.358	.363	80	90	85		
September	.870	55.9	53.2	54.5	48.7	62.1	37.0	13th	70.0	10th	2.1	1.7	1.9	.388	.358	.373	87	89	88		
October	.772	48.5	46.3	47.4	40.6	56.8	31.0	4, 11, 25	65.0	1, 2	2.3	1.8	2.0	.285	.272	.279	83	88	86		
November	.615	45.8	45.4	45.6	41.8	50.7	34.0	22nd	58.0	7th	2.2	2.4	2.3	.259	.249	.254	84	83	84		
December	29.741	41.0	40.7	40.8	37.1	46.5	23.0	8th	54.0	15, 16	1.6	1.2	1.4	.223	.229	.226	87	90	88		
Year	29.744	47.7	45.7	46.7	—	53.6	—	—	—	—	2.1	1.7	1.9	.290	.273	.281	85.3	87.1	86.2		
15 Years, 1886-1900.	29.736	47.7	45.8	46.8	41.3	53.7	9.4*	Feb. '95	85*	Aug. '76 June '87	2.6	1.9	2.3	.269	.266	.267	82	86	84		

GLASGOW

Long. 4° 18' W. Lat. 55° 53' N. Height above Mean Sea Level, 180 feet. Gravity Correction, +.029 in.

		1891-1900. Gravity Correction, + 0.29 in.																				
		Air Temperature.										Humidity.										
		9 a.m. 9 p.m. Mean.			Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.					Percentage.			
		ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	
January	-	29.795	38.1	38.6	38.4	35.0	42.6	14.8	31st	51.1	3rd	1.6	1.8	1.7	207	203	205	86.1	81.9	84.0		
February	-	650	34.3	35.3	34.8	31.6	39.1	18.3	14th	49.8	24th	1.5	1.8	1.7	169	171	170	83.5	80.4	82.0		
March	-	482	42.5	42.1	42.3	38.1	47.1	29.4	24th	52.1	7th	2.4	2.0	2.2	225	229	227	81.5	84.7	83.1		
April	-	715	44.4	44.1	44.3	38.7	51.0	31.3	8th	59.6	25th	3.6	3.3	3.5	220	223	222	74.7	76.5	75.6		
May	-	753	46.8	45.0	45.9	40.2	52.1	32.8	10th	59.4	23rd	4.7	3.0	3.9	224	239	232	69.1	79.0	74.1		
June	-	726	53.4	53.2	53.3	47.6	60.7	40.5	10th	81.8	25th	3.6	2.8	3.2	320	336	328	77.6	82.2	79.9		
July	-	754	55.2	53.8	54.5	49.6	61.3	42.1	25th	71.6	5th	4.0	2.9	3.5	334	339	337	76.2	81.3	78.8		
August	-	676	54.8	53.2	54.0	49.0	61.2	39.0	30th	69.6	15th	3.6	2.4	3.0	335	342	339	77.6	84.1	80.9		
September	-	813	53.5	52.8	53.2	48.9	59.0	35.0	13th	66.6	3rd	2.6	2.0	2.3	343	350	347	83.0	86.4	84.7		
October	-	724	46.9	47.5	47.2	43.1	52.6	34.9	12th	56.3	29th	2.2	2.1	2.2	273	280	277	84.6	84.9	84.8		
November	-	594	44.6	44.2	44.4	41.1	48.5	32.4	22nd	56.2	6th	2.1	2.2	2.2	254	245	250	84.7	83.6	84.2		
December	-	29.708	39.7	40.0	39.9	37.0	43.7	22.0	8th	52.7	14th	1.9	1.8	1.9	210	215	213	83.7	83.9	83.8		
Year	-	29.699	46.2	45.8	46.0	41.7	51.6	—	—	—	—	2.8	2.3	2.6	260	264	262	80.2	82.4	81.3		
30 Years, 1871-1900.	{	—	—	—	—	41.5	52.5	6.6	Feb. '95	85	June '78	—	—	—	—	—	—	—	—	—	—	

ROTHESAY

Long. 5° 4' W. Lat. 55° 50' N. Height above Mean Sea Level, 115 feet. Gravity Correction, +.029 in.

		Air Temperature.										Humidity.											
		9 a.m. 9 p.m. Mean.			Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.					Percentage.				
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
		ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	
January	-	29.878	38.4	38.0	38.2	34.2	43.9	11.5	30th	53.0	3rd	1.1	1.4	1.3	.210	.201	.206	91	88	90			
February	-	.717	34.7	34.6	34.6	31.7	41.2	21.5	13th	47.3	3rd	1.8	1.8	1.8	.166	.165	.166	82	82	82			
March	-	.562	42.7	40.7	41.7	36.9	48.9	26.5	24th	56.0	16th	2.1	1.8	2.0	.230	.217	.223	84	86	85			
April	-	.790	45.8	41.8	43.8	37.0	54.0	28.8	8th	63.0	25th	2.9	2.4	2.6	.245	.217	.231	80	82	81			
May	-	.842	47.6	43.8	45.7	38.4	54.9	31.3	10th	61.0	29th	4.1	2.5	3.3	.238	.232	.235	72	80	76			
June	-	.796	55.0	52.9	53.9	46.8	63.9	40.7	7th	81.2	25th	3.3	2.3	2.8	.342	.339	.340	79	85	82			
July	-	.844	55.6	52.4	54.0	47.6	63.1	39.5	21st	70.3	5th	3.2	2.0	2.6	.354	.340	.347	79	87	83			
August	-	.760	55.5	52.3	53.9	47.8	64.3	40.0	30th	73.8	16th	2.8	1.9	2.4	.362	.341	.351	82	87	85			
September	-	.892	54.1	50.8	52.4	47.1	61.7	34.0	13th	72.3	9th	1.9	1.3	1.6	.365	.339	.353	86	91	89			
October	-	.802	47.9	46.3	47.1	41.6	56.2	34.0	11th	62.2	1st	2.0	1.7	1.9	.285	.274	.280	86	88	87			
November	-	.653	44.7	43.3	44.0	40.7	49.3	32.3	21st	55.5	6th	1.5	1.9	1.7	.262	.239	.251	89	85	87			
December	-	29.787	39.6	39.3	39.4	37.1	44.4	27.0	8th	53.5	16th	1.5	2.0	1.7	.213	.202	.208	88	84	86			
Year	-	29.777	46.8	44.7	45.7	40.6	53.8	—	—	—	—	2.3	1.9	2.1	.273	.259	.266	83.2	85.4	84.3			
15 Years, } 1886-1900. }		29.769	47.8	45.7	46.7	41.2	54.2	10.8†	Feb. '92	84.7†	June '87	2.4	1.8	2.1	.274	.267	.270	83	87	85			
* The extremes of the year are given in the preceding table.																							

* The extremes of temperature are for 30 years, 1871-1900.

† The extremes of temperature are for 25 years, 1876-1900.

POLTALLOCH.

Heights above Ground:—Barometer, 3 feet. Thermometers, 4 feet. Rain-gauge, 4 feet 6 inches.

1902.	Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	hrs.	%	8.0	7.4	7.7	4.52	.98	2nd	18	2	0	0	4	20	3	6	1	1	2	2	5	10	8	27
February	—	—	6.9	5.9	7.4	2.11	.38	14th	12	2	0	0	6	12	1	2	3	3	7	8	3	0	0	30
March	—	—	8.6	8.2	8.4	4.31	.62	20th	21	2	2	0	0	19	0	5	4	1	1	2	3	19	4	23
April	—	—	6.1	6.0	6.0	2.42	.67	22nd	15	1	1	0	3	9	3	3	0	6	6	12	4	4	2	23
May	—	—	7.0	5.3	6.2	3.31	.73	28th	18	0	3	0	3	10	0	13	9	7	0	3	6	5	2	17
June	—	—	6.2	6.3	6.2	1.35	.35	7th	12	0	0	0	5	11	2	2	11	5	5	8	5	1	2	21
July	—	—	8.2	7.0	7.6	3.83	1.15	13th	19	0	0	0	1	19	0	13	5	2	1	1	7	10	3	20
August	—	—	7.9	7.7	7.8	3.10	.70	29th	13	0	0	0	0	12	0	1	5	1	5	4	12	8	2	24
September	—	—	7.8	7.7	7.7	4.76	.85	3rd	17	0	0	0	1	15	1	0	6	2	5	8	10	2	5	22
October	—	—	6.6	6.3	6.5	3.64	.52	15th	17	0	0	0	5	10	3	8	2	6	3	2	11	7	3	20
November	—	—	7.8	7.5	7.6	6.22	1.83	28th	23	0	0	0	3	17	0	0	1	1	10	22	11	4	2	9
December	—	—	8.1	7.5	7.8	3.50	.83	15th	17	0	2	1	1	16	4	3	5	5	10	1	7	10	4	17
Year	—	—	7.4	6.9	7.2	43.07	—	—	202	7	8	1	32	170	17	56	52	40	55	73	84	80	37	253
15 Years, 1886-1900.	—	—	—	—	—	49.18	—	—	208	19	15	9	—	—	—	—	—	—	—	—	—	—	—	—

MARCHMONT

Long. 2° 25' W. Lat. 55° 44' N. Height above Mean Sea Level, 498 feet. Gravity Correction, +.028 in.

1902.	Mean Pressure at 32° Fah.	Air Temperature.								Humidity.									
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.		
					Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 29.443	37.6	38.4	38.0	31.8	43.4	19.0	27th	51.0	4th	1.7	1.9	1.8	in. 1.193	in. 1.195	in. 1.194	85	85	85
February	30.7	32.2	33.5	33.8	27.0	38.6	15.0	9th	47.0	23, 24	1.1	1.1	1.1	1.158	1.169	1.164	86	88	87
March	31.53	41.6	41.1	41.3	33.7	47.9	27.0	24, 26, 30	57.0	18th	2.2	2.0	2.1	2.18	2.216	2.217	83	84	83
April	38.7	44.6	42.5	43.5	34.4	51.0	27.0	4th	61.0	25th	3.4	2.5	2.9	2.22	2.220	2.221	75	81	78
May	40.9	45.4	42.7	44.0	36.8	51.0	28.0	14th	69.0	23rd	3.6	1.9	2.7	2.26	2.234	2.230	75	86	81
June	40.8	52.9	50.4	51.6	43.9	59.5	37.0	10th	77.0	25th	3.1	1.6	2.3	3.20	3.325	3.322	80	90	85
July	42.0	55.8	51.4	53.6	45.8	61.3	36.0	25th	72.0	6th	4.2	1.7	3.0	3.33	3.336	3.334	75	89	82
August	33.7	54.3	51.5	52.9	44.9	61.3	36.0	11th	70.0	15, 16	2.6	1.9	2.3	3.49	3.331	3.340	82	87	84
September	48.4	53.8	52.4	52.1	45.7	59.6	35.0	13th	71.0	8th	2.5	1.9	2.2	3.45	3.343	3.344	83	88	86
October	38.3	47.3	46.1	46.7	40.8	52.1	35.0	19th	58.0	3rd	1.9	1.7	1.8	2.80	2.273	2.276	87	88	87
November	29.8	42.5	42.5	42.5	38.5	48.1	28.0	22nd	58.0	6th	1.7	1.6	1.7	2.36	2.238	2.237	87	87	87
December	29.364	38.4	38.7	38.5	35.4	42.4	24.0	7th	53.0	21st	1.5	1.5	1.5	2.02	2.206	2.204	88	88	88
Year	29.366	45.5	44.3	44.9	38.2	51.4	—	—	—	—	2.5	1.8	2.1	2.57	2.257	2.257	82.2	86.8	84.5
15 Years, 1886-1900.	29.351	45.9	44.1	45.0	39.0	52.4	1.0*	Dec. '79	89.0*	July '73	2.5	1.6	2.0	2.54	2.254	2.254	83	87	85

WOLFELEE

Long. 2° 39' W. Lat. 55° 23' N. Height above Mean Sea Level, 587 feet. Gravity Correction, +.025 in.

January	ins. 29.345	35.0	35.7	35.3	29.1	42.3	9.0	14th	50.0	3, 20	1.0	0.6	0.8	in. 1.184	in. 1.198	in. 1.191	90	95	92
February	19.8	30.0	30.4	30.2	24.8	38.2	6.5	9th	51.5	23rd	0.4	0.5	0.5	1.155	1.157	1.156	93	92	92
March	06.2	40.6	39.7	40.2	34.5	48.9	23.0	24th	56.5	17th	1.7	1.2	1.5	2.18	2.220	2.219	87	90	88
April	30.6	42.6	39.7	41.1	33.0	51.8	25.0	10th	61.0	23rd	2.9	1.4	2.1	2.14	2.216	2.215	79	88	84
May	36.3	46.2	41.6	43.9	35.4	53.0	26.0	6, 10	72.0	23rd	3.2	0.9	2.1	2.42	2.244	2.243	78	94	86
June	35.5	53.9	50.5	52.2	44.9	62.8	36.5	11th	82.5	27th	3.0	1.4	2.2	3.34	3.331	3.332	80	90	85
July	39.1	54.9	51.7	53.3	46.0	63.2	34.5	2nd	74.5	5th	4.0	1.8	2.9	3.25	3.337	3.331	75	88	82
August	29.7	53.5	49.9	51.7	43.5	62.7	32.9	30th	74.0	29th	2.8	0.9	1.9	3.34	3.335	3.334	81	94	88
September	41.8	52.4	49.7	51.0	43.8	60.6	33.0	13th	72.0	8th	2.0	1.4	1.7	3.40	3.321	3.330	87	90	88
October	32.8	45.9	45.1	45.5	40.0	52.4	29.5	12th	57.9	13th	2.0	1.8	1.9	2.65	2.259	2.262	86	86	86
November	21.8	41.6	41.7	41.7	37.2	47.3	27.0	22nd	56.0	6th	1.0	1.5	1.3	2.42	2.232	2.237	93	89	91
December	29.322	38.5	38.3	38.4	33.1	43.1	21.0	7th	51.0	14, 26	2.0	1.9	2.0	1.94	1.194	1.194	84	84	84
Year	29.300	44.6	42.8	43.7	37.1	52.2	—	—	—	—	2.1	1.3	1.7	2.54	2.254	2.254	84.4	90.0	87.2
14 Years, 1886-1899.	29.242	45.3	43.1	44.2	37.2	53.2	5.0*	Dec. '79	90.0*	Aug. '76	2.1	2.3	2.2	2.53	2.229	2.241	84	82	83

COCKLE PARK (NEAR MORPETH)

Long. 1° 41' W. Lat. 55° 13' N. Height above Mean Sea Level, 324 feet. Gravity Correction, +.026 in.

January	ins. 29.631	38.6	38.1	38.4	33.6	43.1	20.0	27th	53.0	3rd	1.5	1.6	1.6	in. 2.207	in. 2.200	in. 2.204	85.5	83.2	84.4
February	50.3	33.8	32.8	33.3	27.6	37.8	12.0	11th	51.0	28th	1.4	1.2	1.3	1.165	1.162	1.164	82.6	82.6	82.6
March	35.6	42.4	39.8	41.1	34.6	48.1	28.0	22, 24	56.0	17th	2.1	1.5	1.8	2.30	2.216	2.223	84.5	87.0	85.8
April	57.1	46.2	41.4	43.8	35.4	51.1	27.0	10th	59.0	20, 24	3.9	1.8	2.9	2.31	2.226	2.229	73.5	85.7	79.6
May	56.7	46.9	42.4	44.7	37.6	51.4	30.0	14th	74.0	23rd	3.5	1.7	2.6	2.48	2.239	2.244	76.2	86.7	81.5
June	57.8	53.4	49.0	51.2	44.3	57.7	37.0	10, 11	75.0	30th	2.5	1.1	1.8	3.49	3.323	3.336	84.7	92.1	88.4
July	59.6	56.0	50.6	53.3	46.2	61.3	40.0	12th	72.0	6th	3.2	1.2	2.2	3.65	3.343	3.354	80.7	92.0	86.4
August	52.6	56.2	50.1	53.2	45.8	61.5	36.0	11th	69.0	15, 28	3.3	1.0	2.2	3.63	3.338	3.351	80.0	92.8	86.4
September	67.3	55.3	50.5	52.9	45.4	60.2	36.0	13th	72.0	8th	3.3	1.1	2.2	3.52	3.341	3.347	80.1	92.0	86.1
October	57.8	49.1	45.9	47.5	41.4	53.7	35.0	19th	59.0	13, 28	2.3	1.4	1.9	2.94	2.281	2.288	84.4	90.1	87.3
November	49.9	44.0	43.1	43.6	38.0	48.4	28.0	21, 23	56.0	1, 6	1.7	1.3	1.5	2.56	2.254	2.255	87.3	90.1	88.7
December	29.562	40.2	39.9	40.1	34.9	44.0	24.0	7th	55.0	14th	1.7	1.4	1.6	2.18	2.223	2.221	86.1	88.2	87.2
Year	29.553	46.8	43.6	45.2	38.7	51.5	—	—	—	—	2.5	1.4	2.0	2.73	2.262	2.268	82.1	88.5	85.3
18 Years, 1881-1900.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* The extremes of temperature are for 30 years, 1871-1900.

† The extremes of temperatures are for 25 years, 1876-1900.

MARCHMONT.

Heights above Ground:—Barometer, 2 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

1902.		Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
		Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	-	hrs. 41.8	% 18	5.3	5.5	5.4	ins. 1.26	ins. .42	20th	12	5	0	0	5	7	5	8	0	0	2	18	12	16	6	0
February	-	51.0	19	7.1	6.3	6.7	1.36	.44	24th	14	3	0	0	2	13	0	14	2	8	4	10	4	10	4	0
March	-	99.8	27	6.5	6.4	6.5	1.16	.22	3, 24	13	2	0	1	6	14	3	2	2	6	6	6	10	26	4	0
April	-	178.5	42	6.3	6.0	6.2	2.02	.53	15th	14	1	1	0	5	13	2	6	6	16	14	8	2	6	2	0
May	-	196.0	39	7.5	6.9	7.2	3.44	1.15	31st	22	6	6	0	0	13	4	12	18	8	0	2	6	14	2	0
June	-	152.5	29	6.9	6.3	6.6	2.49	.69	12th	15	0	0	2	5	14	1	6	8	22	4	10	4	2	4	0
July	-	140.5	27	6.7	5.2	6.0	2.19	.61	26th	14	0	0	0	4	10	0	10	2	14	4	10	2	18	2	0
August	-	117.3	25	7.4	6.4	6.9	1.85	.47	18th	17	0	0	3	4	14	0	6	4	20	6	6	10	8	2	0
September	-	83.4	22	6.8	7.5	7.2	1.43	.23	22nd	18	0	1	2	4	15	1	6	4	10	8	6	12	12	2	0
October	-	67.3	21	6.2	5.4	5.8	2.18	.56	10th	24	0	0	0	7	11	1	2	6	20	4	4	10	14	2	0
November	-	60.0	25	4.8	5.7	5.3	1.71	.42	8th	13	0	0	0	8	12	0	2	4	24	8	10	6	6	0	0
December	-	27.8	13	5.0	7.8	6.4	3.29	.72	14th	15	2	0	0	3	12	4	4	6	12	6	6	12	14	2	0
Year	-	1215.9	28	6.4	6.3	6.4	24.38	—	—	191	19	8	8	53	148	21	78	62	160	66	96	90	146	32	0
15 Years, 1886-1900.	-	1328.3*	30*	6.8	6.2	6.5	33.05	—	—	197	31	6	13	—	—	—	—	—	—	—	—	—	—	—	—

WOLFELEE.

Heights above Ground:—Barometer, 14 feet. Thermometers, 4 feet. Rain-gauge, 6 inches.

PINMORE -

Long. 4° 49' W. Lat. 55° 12' N. Height above Mean Sea Level, 187 feet. Gravity Correction, +.027 in.

1902.	Mean Pressure at 32° Fahr.	Air Temperature.										Humidity.								
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.			
					Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
January	ins.	39° 1'	39° 4'	39° 3'	34° 2'	45° 5'	15° 0'	30th	52° 5'	4th	1° 8'	1° 1'	1° 5'	in.	in.	in.	%	%	%	
February	29° 834	33° 5'	33° 8'	33° 7'	28° 4'	42° 9'	8° 0'	9, 14	53° 0'	28th	1° 2'	1° 6'	1° 4'	204	220	212	85	91	88	
March	632	42° 6'	41° 2'	41° 9'	36° 7'	49° 6'	25° 0'	24th	56° 0'	17th	1° 7'	0° 9'	1° 3'	167	162	165	87	83	85	
April	508	42° 6'	42° 8'	44° 2'	36° 4'	53° 8'	24° 0'	9th	65° 0'	25th	2° 2'	1° 6'	1° 9'	237	240	238	87	93	90	
May	720	49° 2'	43° 9'	46° 6'	37° 6'	55° 4'	25° 5'	10th	62° 0'	9th	2° 5'	1° 3'	1° 9'	257	240	249	84	88	86	
June	749	57° 9'	52° 5'	55° 2'	46° 6'	64° 9'	40° 0'	6, 7, 10, 14	86° 5'	28th	4° 3'	1° 5'	2° 9'	359	354	356	75	89	82	
July	783	57° 0'	53° 6'	55° 3'	48° 3'	63° 7'	36° 0'	25th	73° 0'	6th	3° 2'	2° 0'	2° 6'	372	355	363	80	86	83	
August	685	56° 8'	53° 7'	55° 2'	46° 8'	64° 0'	35° 0'	30th	73° 0'	15th	2° 9'	1° 8'	2° 3'	377	362	370	81	88	84	
September	800	54° 1'	51° 5'	52° 8'	46° 5'	61° 3'	28° 5'	13th	71° 0'	9th	1° 9'	1° 3'	1° 6'	365	346	356	86	90	88	
October	734	47° 1'	45° 7'	46° 4'	39° 3'	55° 6'	28° 5'	19th	62° 0'	1st	2° 3'	1° 7'	2° 0'	270	268	269	84	88	86	
November	577	44° 6'	43° 3'	43° 9'	37° 3'	49° 5'	29° 0'	2nd	57° 0'	7th	2° 3'	2° 3'	2° 3'	243	231	237	82	82	82	
December	29° 718	39° 5'	39° 2'	39° 3'	35° 6'	44° 7'	19° 0'	8th	53° 0'	14th	1° 3'	1° 4'	1° 4'	216	212	214	90	88	89	
Year	29° 705	47° 3'	45° 1'	46° 2'	39° 5'	54° 2'	—	—	—	—	2° 3'	1° 5'	1° 9'	280	271	275	83° 7'	88° 0'	85° 9'	
15 Years, 1886-1900.	29° 696	47° 5'	44° 9'	46° 2'	39° 3'	54° 5'	—5° 0'	Feb. '95	87° 0'	June '87	2° 3'	2° 3'	2° 3'	274	247	261	83	84	84	

CARGEN -

Long. 3° 37' W. Lat. 55° 2' N. Height above Mean Sea Level, 72 feet. Gravity Correction, +.027 in.

[illegible]

CALLY

Long. $4^{\circ} 11' W.$ Lat. $54^{\circ} 53' N.$ Height above Mean Sea Level, 120 feet. Gravity Correction, $+027$ in.

Gravity Correction, +.027 in.																				
	ins.																			
January	- 29.918	38.2	37.6	37.9	34.4	43.8	18.6	30th	51.8	21st	2.1	1.9	2.0	in. .190	in. .190	in. .190	% 83	% 84	% 84	
February	- .713	34.3	32.5	33.4	27.0	40.6	10.0	14th	50.4	25th	1.8	0.6	1.2	.163	.172	.168	82	93	88	
March	- .581	44.2	41.3	42.7	36.5	51.2	23.6	24th	57.2	31st	1.9	1.4	1.7	.248	.231	.239	85	89	87	
April	- .801	46.2	41.9	44.1	34.7	55.3	21.0	8th	64.8	25th	2.3	2.0	2.2	.261	.226	.244	84	86	85	
May	- .823	48.9	42.6	45.7	35.8	57.7	26.6	10th	65.0	29th	1.8	1.9	1.8	.302	.233	.268	88	86	87	
June	- .792	57.3	52.9	55.1	47.8	65.1	38.8	10th	84.2	28th	2.0	2.4	2.2	.410	.336	.373	87	85	86	
July	- .851	57.9	51.6	54.7	46.2	64.1	32.4	25th	70.0	5, 16	2.5	2.4	2.4	.406	.320	.363	84	83	84	
August	- .769	57.2	51.0	54.1	44.9	63.1	36.4	12th	72.4	12th	1.9	1.9	1.9	.412	.326	.369	88	87	88	
September	- .894	55.4	51.6	53.5	46.3	62.1	31.2	13th	75.0	9th	1.8	1.7	1.8	.388	.338	.363	89	88	88	
October	- .815	50.4	46.9	48.6	41.5	56.1	30.0	19th	59.7	10th	1.6	1.6	1.6	.325	.283	.304	90	89	89	
November	- .677	44.6	43.1	43.8	37.7	49.8	30.0	2, 18	57.0	14th	1.4	1.4	1.4	.263	.248	.261	90	89	90	
December	- 29.815	39.5	39.0	39.2	36.2	43.7	18.4	7th	54.6	13th	1.2	1.2	1.2	.218	.214	.216	90	90	90	
Year	- 29.787	47.8	44.3	46.1	39.1	54.4	—	—	—	—	1.9	1.7	1.8	.299	.260	.280	86.7	87.4	87.1	
15 Years, 1886-1900.	- 29.750	47.7	45.4	46.6	40.8	54.0	—	—	—	—	1.9	1.5	1.7	.285	.269	.277	87	89	88	

* The extremes of temperature are for 20 years, 1881-1900.

† The extremes of temperature are for 30 years, 1871-1900.

PINMORE.

Heights above Ground :—Barometer, 3 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

[illegible]

CARGEN.

Heights above Ground:—Barometer, 13 feet. Thermometers, 4 feet. Rain-gauge, 4 inches.

Heights above Ground:—Barometer, 15 feet. Thermometer, 6 feet.																									
	hrs.	%				ins.	ins.	1st	9	0	0	0	4	8	1	12	12	3	0	7	8	16	4	0	
January	—	—	6.6	5.8	6.2	2.84	.66																		
February	—	—	6.3	5.8	6.0	3.47	.83	9th	8	1	0	0	2	8	0	4	10	26	10	1	1	1	3	0	
March	—	—	6.8	7.2	7.0	2.46	.26	3, 22	17	1	1	0	0	8	1	4	6	2	0	1	10	31	8	0	
April	—	—	5.1	4.6	4.9	2.40	.73	22nd	10	0	0	1	1	2	0	2	4	22	3	1	1	17	10	0	
May	—	—	5.6	5.7	5.7	2.46	.39	22nd	13	1	1	0	1	3	0	4	13	17	4	6	4	7	7	0	
June	—	—	6.5	6.3	6.4	1.82	.27	20th	12	0	0	1	0	6	0	1	4	24	10	11	5	4	1	0	
July	—	—	6.0	5.4	5.7	2.50	.77	25th	14	0	0	1	1	3	0	2	4	6	8	10	14	10	8	0	
August	—	—	6.1	6.0	6.0	2.98	.68	17th	16	0	0	2	0	5	0	1	2	17	9	8	9	9	7	0	
September	—	—	7.1	5.9	6.5	2.61	.52	23rd	12	0	0	0	2	8	1	3	2	12	8	14	8	8	5	0	
October	—	—	6.2	6.0	6.1	3.80	.61	14th	14	0	0	0	0	5	1	5	3	16	3	7	6	12	10	0	
November	—	—	7.1	6.0	6.6	4.21	.86	11th	15	0	0	0	1	9	0	2	2	13	18	8	7	7	3	0	
December	—	—	7.1	6.2	6.7	5.66	1.34	14th	16	0	0	0	0	10	2	0	7	13	4	4	8	14	12	0	
Year	—	—	6.4	5.9	6.2	37.21	—	—	156	3	2	5	12	75	6	40	69	171	77	78	81	136	78	0	
15 Years, 1886-1900.	}	—	—	5.5	5.1	5.3	42.89	—	—	163	10	3	12	—	—	—	—	—	—	—	—	—	—	—	
		—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

CALLY.

Heights above Ground :—Barometer, 3 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

[illegible]

15 Years, }
1886-1900. }

SEAHAM

Long. 1° 19' W. Lat. 54° 50' N. Height above Mean Sea Level, 139 feet. Gravity Correction, +.027 in.

1902.	Mean Pressure at 32° Fahr.	Air Temperature.								Humidity.									
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.		
					Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 29.866	40.6	40.7	40.7	36.0	44.9	25.0	27th	53.1	22nd	2.0	2.0	2.0	in. 215	in. 218	in. 217	85	85	85
February	722	35.4	34.7	35.1	30.7	39.6	18.0	12th	52.0	28th	1.4	1.3	1.4	178	176	177	87	87	87
March	569	44.8	41.4	43.1	36.8	50.3	28.0	24th	62.1	17th	2.5	1.6	2.1	245	231	238	81	88	85
April	786	47.9	43.6	45.8	37.4	51.9	27.0	10th	63.5	21st	4.0	2.1	3.1	248	242	245	73	84	79
May	777	48.9	45.1	47.0	40.3	52.1	34.0	14th	73.0	23rd	4.0	2.0	3.0	259	260	260	73	85	79
June	777	53.3	51.1	52.2	47.0	56.9	39.9	10th	69.1	30th	2.1	1.2	1.7	352	347	350	85	91	88
July	807	58.2	54.0	56.1	49.1	63.1	39.9	12th	78.0	6th	4.1	1.9	3.0	372	370	371	76	87	82
August	738	56.8	52.9	54.9	48.2	61.4	42.0	11th	70.9	18th	3.1	1.6	2.4	374	359	367	80	89	85
September	882	56.6	53.5	55.1	48.5	60.7	39.0	13th	71.6	2nd	3.6	1.8	2.7	362	366	364	77	88	83
October	783	50.7	48.7	49.7	44.4	54.4	36.6	12th	60.2	13th	2.3	2.0	2.2	314	297	306	85	86	86
November	713	45.9	45.7	45.8	40.9	50.0	30.6	21st	59.0	1st	1.9	1.6	1.8	276	274	275	87	89	88
December	29.786	41.8	41.9	41.9	37.6	46.4	28.4	7th	55.8	16th	2.0	1.8	1.9	228	232	230	85	87	86
Year	29.767	48.4	46.1	47.3	41.4	52.6	—	—	—	—	2.8	1.7	2.3	285	281	283	81.2	87.2	84.2
25 Years, 1876-1900.	—	—	—	—	41.3	53.1	6.0	Feb. '95	91.2	July '76	—	—	—	—	—	—	—	—	—

DURHAM

Long. 1° 35' W. Lat. 54° 46' N. Height above Mean Sea Level, 336 feet. Gravity Correction, +.025 in.

	ins.													in.	in.	in.	%	%	%
January	29.632	38.8	39.1	39.0	34.5	43.9	22.6	31st	55.7	4th	1.3	1.5	1.4	217	216	217	89.6	88.2	88.9
February	476	32.9	32.7	32.8	28.3	37.9	12.8	14th	51.3	28th	0.8	0.6	0.7	175	177	176	91.5	92.3	91.9
March	336	42.6	40.4	41.5	35.0	49.2	25.9	24th	61.2	17th	2.1	1.3	1.7	232	225	229	84.9	88.3	86.6
April	546	46.0	42.3	44.2	35.6	51.4	25.3	10th	60.6	21st	3.5	2.1	2.8	237	231	234	75.7	84.3	80.0
May	547	47.1	43.4	45.3	38.6	51.8	30.5	9th	72.1	23rd	3.5	1.8	2.7	251	246	249	76.4	86.7	81.6
June	546	54.3	51.1	52.7	45.6	60.2	37.4	11th	75.6	27th	2.7	1.4	2.1	352	342	347	82.8	90.3	86.6
July	582	57.6	53.6	55.6	48.1	63.7	39.3	12th	74.5	14th	3.9	2.2	3.1	371	358	365	77.7	85.8	81.8
August	510	55.9	51.9	53.9	47.1	61.5	37.5	11th	68.5	23rd	2.7	1.4	2.1	372	355	364	82.9	90.7	86.8
September	654	55.4	53.0	54.2	46.8	60.6	35.8	25th	72.0	8th	3.3	1.8	2.6	355	360	358	80.3	88.2	84.3
October	553	48.9	47.2	48.1	42.6	53.3	32.4	12th	60.8	13th	1.8	1.5	1.7	305	292	299	88.2	89.0	88.6
November	474	42.8	43.8	43.3	39.0	48.1	29.1	24th	57.6	1st	1.3	1.5	1.4	253	255	254	89.8	87.3	88.6
December	29.550	39.4	40.0	39.7	35.5	44.4	25.0	7th	54.6	14, 15	1.7	1.6	1.7	213	219	216	87.3	87.4	87.4
Year	29.534	46.8	44.9	45.9	39.7	52.2	—	—	—	—	2.4	1.6	2.0	278	273	276	83.9	88.2	86.1
15 Years, } 1876-1890. }	29.502	48.0	44.1	46.1	39.5	53.6	0.2	Jan. '81	92.5	July '76	2.6	1.3	2.0	288	271	280	82.8	89.8	86.3

ROUNTON

Long. 1° 18' W. Lat. 54° 24' N. Height above Mean Sea Level, 242 feet. Gravity Correction, +.025 in.

	ins.														in.	in.	in.	%	%	%
January	29.766	38.4	38.6	38.5	33.8	43.9	21.5	31st	52.1	9th	1.6	1.7	1.7	1.7	.200	.200	.200	86	86	86
February	.593	31.9	31.8	31.9	26.3	38.8	8.6	12th	52.3	28th	0.9	0.8	0.8	0.8	.159	.160	.160	88	89	89
March	.466	42.5	40.1	41.3	35.0	49.6	28.1	24th	59.1	17th	2.2	1.6	1.9	1.9	.225	.215	.220	83	87	85
April	.661	46.2	41.5	43.8	34.9	52.5	22.5	10th	62.3	19th	3.8	2.0	2.9	2.9	.230	.220	.225	73	84	78
May	.662	47.0	42.8	44.9	38.3	52.6	28.6	9th	72.5	23rd	3.8	1.8	2.8	2.8	.237	.236	.236	73	86	80
June	.651	54.7	51.2	53.0	45.5	61.5	35.1	11th	79.8	28th	3.0	1.9	2.5	2.5	.345	.328	.337	81	87	84
July	.694	56.6	53.3	54.9	47.5	63.2	37.5	25th	75.8	14th	3.7	2.1	2.9	2.9	.355	.349	.352	77	86	81
August	.621	55.2	51.7	53.5	46.3	62.0	36.8	31st	69.3	26th	2.8	1.4	2.1	2.1	.357	.346	.351	82	90	86
September	.765	55.3	52.4	53.8	46.1	61.0	34.1	25th	74.3	8th	3.5	1.7	2.6	2.6	.342	.348	.345	78	88	83
October	.669	49.1	46.5	47.8	41.1	53.4	31.8	12th	60.8	13th	2.0	1.4	1.7	1.7	.298	.283	.291	85	89	87
November	.589	43.5	43.9	43.7	38.4	48.7	28.1	2nd	60.1	1st	1.6	1.5	1.5	1.5	.247	.253	.250	87	88	88
December	29.680	40.0	39.9	40.0	35.1	45.0	20.5	7th	55.8	16, 17	1.8	1.5	1.7	1.7	.211	.215	.213	85	87	86
Year	29.651	46.7	44.5	45.6	39.0	52.7	—	—	—	—	2.6	1.6	2.1	2.1	.267	.263	.265	81.5	87.3	84.4
15 Years, 1886-1900. f	—	—	—	—	39.3	53.4	—3.2	Feb. '95	85.8	Aug. '97	—	—	—	—	—	—	—	—	—	—

SEAHAM.

Heights above Ground:—Barometer, —1 foot. Thermometers, 4 feet. Rain-gauge, 1 foot 6 inches.

1902.		Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
		Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	hrs.	%	7.1	5.7	6.4	ins. 0.858	ins. 260	20th	11	5	1	0	3	13	1	3	1	2	2		1	3	30	17	3
February	—	—	7.1	6.7	6.9	1.305	300	8th	14	4	1	1	4	14	0	0	2	5	16	7	4	8	8	6	
March	—	—	6.5	5.7	6.1	0.475	090	26th	10	4	0	0	2	9	0	2	2	1	2	4	9	28	7	7	
April	—	—	6.4	5.4	5.9	1.571	620	15th	11	0	2	2	4	8	0	2	8	7	11	7	4	8	7	6	
May	—	—	7.9	7.2	7.6	2.168	650	30th	20	3	2	2	0	12	0	16	6	1	2	1	3	12	11	10	
June	—	—	8.2	8.0	8.1	2.193	400	12th	17	0	0	1	1	19	0	11	7	2	12	1	1	5	3	18	
July	—	—	8.3	7.1	7.7	2.313	655	26th	18	0	1	1	0	17	0	8	4	1	3	1	5	24	7	9	
August	—	—	8.1	5.2	6.7	1.484	340	17th	14	0	0	1	2	11	0	8	4	5	6	4	7	12	5	11	
September	—	—	6.3	7.6	7.0	0.805	192	15th	12	0	1	0	4	16	1	9	2	2	10	4	2	12	8	11	
October	—	—	7.5	5.5	6.5	1.932	680	10th	20	0	0	0	0	12	1	7	2	8	4	1	9	12	11	8	
November	—	—	6.6	6.7	6.7	1.247	305	24th	8	0	0	0	3	14	0	0	0	6	22	10	5	9	3	5	
December	—	—	6.9	6.1	6.5	2.610	850	1st	13	4	3	0	5	14	4	0	1	12	4	7	5	15	11	7	
Year	—	—	7.2	6.4	6.8	18.961	—	—	168	20	11	8	28	159	7	66	39	52	94	48	57	175	98	101	
— Years, } 18—19—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

AYSGARTH

Long. 1° 58' W. Lat. 54° 18' N. Height above Mean Sea Level, 646 feet. Gravity Correction, +.023 in.

1902.	Mean Pressure at 32° Fahr.	Air Temperature.								Humidity.									
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.		
					Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 29.321	37.9	37.6	37.8	34.0	42.5	22.0	14th	50.2	22nd	1.9	1.9	1.9	in. 1.191	in. 1.190	in. 1.191	78.9	80.5	79.7
February	145	31.6	31.7	31.7	27.6	36.5	16.0	13th	50.8	28th	1.3	1.1	1.2	1.148	1.153	1.151	81.2	83.0	82.1
March	030	41.5	39.5	40.5	35.3	48.0	26.6	24th	54.0	7th	2.2	1.8	2.0	2.217	2.207	2.212	83.3	84.8	84.1
April	219	44.5	40.8	42.7	35.4	50.7	25.7	10th	60.0	25th	3.7	2.3	3.0	2.216	2.209	2.213	73.7	81.6	77.7
May	227	45.6	43.0	44.3	38.8	51.3	30.4	10th	71.0	23rd	4.2	2.2	3.2	2.218	2.230	2.224	71.4	83.5	77.5
June	—	54.9	52.0	53.5	45.5	61.8	34.3	10th	78.0	25, 29	3.6	2.5	3.1	3.334	3.323	3.329	78.2	84.1	81.2
July	—	56.2	52.7	54.5	46.9	63.3	37.5	25th	78.4	5th	4.2	2.4	3.3	3.337	3.334	3.336	75.4	83.4	79.4
August	—	54.7	51.2	53.0	47.1	61.7	40.5	4th	70.0	15th	2.7	1.5	2.1	3.352	3.338	3.345	82.5	89.6	86.1
September	—	53.3	51.3	52.3	45.6	59.4	34.2	13th	73.0	8th	2.8	1.8	2.3	3.331	3.332	3.332	81.2	87.9	84.6
October	29.232	47.6	45.8	46.7	41.8	51.8	34.6	12th	60.5	13th	1.7	1.6	1.7	2.289	2.272	2.281	87.2	87.6	87.4
November	140	41.6	42.0	41.8	37.7	46.2	29.8	21st	56.8	1st	1.5	1.2	1.4	2.231	2.241	2.236	88.3	89.5	88.9
December	29.232	38.4	38.9	38.7	35.1	42.4	19.6	7th	52.2	17th	1.5	1.4	1.5	2.202	2.210	2.206	85.6	86.5	86.1
Year	—	45.7	43.9	44.8	39.2	51.3	—	—	—	—	2.6	1.8	2.2	2.256	2.253	2.255	80.6	85.2	82.9
20 Years, 1881-1900.	—	—	—	—	39.4	52.3	—2.8	Jan. '81	84.2	Aug. '93	—	—	—	—	—	—	—	—	—

SCARBOROUGH

Long. 0° 24' W. Lat. 54° 18' N. Height above Mean Sea Level, 62 feet. Gravity Correction, +.025 in.

Height above Mean Sea Level, 62 feet. Gravity Correction, +.025 in.																			
	ins.												in.	in.	in.	%	%	%	
January	29.892	39.6	40.3	40.0	35.8	45.3	24.0	27th	52.5	22nd	1.6	1.4	1.5	.215	.225	.220	85.7	87.7	86.7
February	.742	34.9	34.8	34.9	30.2	39.2	17.5	12th	54.2	28th	1.2	1.3	1.3	.179	.175	.177	85.9	84.4	85.2
March	.612	41.0	42.4	41.7	35.8	50.7	30.0	23, 24	62.0	17th	1.4	1.3	1.4	.229	.245	.237	88.8	89.7	89.3
April	.806	45.1	43.9	44.5	37.1	51.8	27.0	9th	63.5	20th	1.6	1.4	1.5	.267	.258	.263	88.1	88.6	88.4
May	.787	46.5	45.7	46.1	39.5	53.0	33.0	2, 5	66.2	23rd	2.0	1.6	1.8	.274	.276	.275	86.1	88.3	87.2
June	.798	53.6	52.9	53.3	48.0	59.1	42.0	11th	72.0	22nd	2.0	1.6	1.8	.359	.360	.360	86.5	88.9	87.7
July	.837	56.4	55.5	56.0	49.6	65.0	43.1	3rd	78.0	14, 15	3.0	2.6	2.8	.372	.372	.372	81.2	83.8	82.5
August	.772	55.5	54.5	55.0	47.3	62.5	41.5	6th	70.0	23rd	2.1	1.7	1.9	.380	.379	.380	85.8	88.2	87.0
September	.916	54.1	54.4	54.3	47.9	61.1	38.0	25th	72.0	2nd	2.4	2.3	2.4	.358	.363	.361	83.8	84.6	84.2
October	.806	49.2	49.1	49.2	43.8	55.3	33.5	19th	61.5	24th	2.1	2.0	2.1	.300	.302	.301	85.0	85.9	85.5
November	.749	45.1	45.1	45.1	39.9	49.8	28.0	21st	61.0	1st	1.7	1.4	1.6	.265	.270	.268	86.8	89.2	88.0
December	29.820	41.3	41.5	41.4	36.5	46.1	30.0	12th	55.5	16th	1.4	1.4	1.4	.233	.236	.235	87.8	88.5	88.2
Year	29.795	46.9	46.7	46.8	41.0	53.2	—	—	—	—	1.9	1.7	1.8	.286	.288	.287	86.0	87.3	86.7
30 Years, 1871-1900. }	—	—	—	—	42.5	52.9	8.1*	Feb. '95	90.5*	Aug. '93	—	—	—	—	—	—	—	—	—

CRONKBORNE (DOUGLAS, ISLE OF MAN)

Long. 4° 29' W. Lat. 54° 10' N. Height above Mean Sea Level, 137 feet. Gravity Correction, +.024 in.

	ins.													in.	in.	in.	%	%	%
January	29.923	41.7	41.5	41.6	37.3	45.5	25.0	14th	51.3	3rd	1.5	1.3	1.4	in. 2.238	in. 2.239	in. 2.239	87.6	88.5	88.1
February	.686	36.8	36.3	36.6	31.5	40.7	14.2	12th	48.0	28th	1.2	1.2	1.2	.197	.193	.195	88.1	87.7	87.9
March	.607	44.6	43.1	43.9	39.8	48.2	29.2	24th	54.7	29th	1.5	1.1	1.3	.262	.256	.259	88.6	91.9	90.3
April	.776	46.5	42.4	44.5	38.1	51.0	29.2	8th	58.3	25th	2.6	1.1	1.9	.260	.251	.256	81.9	91.4	86.7
May	.829	49.1	45.2	47.2	41.0	53.7	32.2	14th	63.8	23rd	2.9	1.1	2.0	.281	.280	.281	80.8	92.0	86.4
June	.757	55.9	53.3	54.6	49.7	60.5	41.6	11th	76.0	28th	3.2	2.1	2.7	.363	.354	.359	81.1	86.5	83.8
July	.850	57.3	53.1	55.2	48.8	62.1	42.3	21st	69.0	15th	3.1	1.6	2.4	.384	.363	.374	81.7	89.1	85.4
August	.747	57.5	52.8	55.2	48.6	62.1	38.4	4th	67.2	14th	2.8	1.1	2.0	.394	.372	.383	83.4	92.3	87.9
September	.882	56.3	53.1	54.7	48.6	60.7	36.1	13th	66.8	9th	2.2	1.2	1.7	.393	.376	.385	86.5	92.0	89.3
October	.804	50.9	49.8	50.4	46.1	54.4	33.2	19th	57.9	1st	2.2	1.8	2.0	.318	.316	.317	85.4	87.7	86.6
November	.642	46.9	46.2	46.6	41.7	50.2	33.0	2nd	56.6	1st	1.9	1.8	1.9	.281	.276	.279	86.2	87.1	86.7
December	29.815	42.7	43.4	43.1	40.4	46.2	33.0	6, 7	53.5	16th	1.5	1.5	1.5	.248	.254	.251	87.8	88.3	88.1
Year	29.777	48.9	46.7	47.8	42.6	52.9	—	—	—	—	2.2	1.4	1.8	.302	.294	.298	84.9	89.5	87.2
30 Years, 1871-1900. }	—	—	—	—	42.6	53.7	10.5	Feb. '95	80.9	June '87	—	—	—	—	—	—	—	—	—
* The extremes of temperature.																			

* The extremes of temperature are for 25 years, 1876-1900.

† The extremes of temperature are for 20 years 1881-1900.

NOTE.—The hygrometrical values for Scarborough during March-June are somewhat doubtful.

AYSGARTH.

Heights above Ground:—Barometer, 12 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

1902.	Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm
January	hrs. —	% —	6.9	5.1	6.0	ins. 1.61	.45	1st	16	7	0	0	5	10	9	3	1	2	0	0	23	16	8	9
February	—	—	6.7	6.1	6.4	1.16	.31	24th	10	8	0	0	6	14	1	1	9	5	4	2	3	4	5	23
March	—	—	6.8	6.3	6.6	1.93	.50	20th	16	4	3	0	1	9	1	2	5	1	1	2	22	16	5	8
April	—	—	5.7	5.2	5.5	1.62	.51	15th	12	2	1	2	1	5	1	3	10	8	8	6	7	11	2	5
May	—	—	7.5	6.9	7.2	2.61	.37	30th	22	7	6	4	0	13	2	14	5	3	0	2	9	12	11	6
June	—	—	7.0	6.7	6.9	1.31	.20	15th	13	0	0	2	2	10	0	7	9	13	2	0	15	1	3	10
July	—	—	7.1	6.0	6.6	2.27	.57	25th	16	0	0	1	1	11	1	4	8	3	0	2	25	13	5	2
August	—	—	5.8	7.5	6.7	2.40	.66	6th	15	—	—	—	0	7	—	0	14	18	0	3	10	17	0	0
September	—	—	5.7	6.6	6.2	1.36	.24	15th	14	—	—	—	1	5	—	3	9	8	4	6	12	15	0	3
October	—	—	7.6	6.9	7.3	3.58	.66	15th	21	0	0	0	1	11	3	0	19	2	1	4	16	7	6	7
November	—	—	6.6	7.1	6.9	2.42	.82	8th	15	0	1	0	2	10	2	1	6	7	22	5	12	1	0	6
December	—	—	7.5	7.7	7.6	4.92	.91	15th	18	6	2	0	2	15	9	1	7	6	5	0	27	9	4	3
Year	—	—	6.7	6.5	6.6	27.19	—	—	188	—	—	—	22	120	—	39	102	76	47	32	181	122	49	82
— Years, } 18—19—.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

YORK

Long. 1° 5' W. Lat. 53° 57' N. Height above Mean Sea Level, 56 feet. Gravity Correction, +.024 in.

1902.	Mean Pressure at 32° Fahr.	Air Temperature.									Humidity.								
		9 a.m. 9 p.m. Mean.			Means of			Absolute Min. and Max.			Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.		
					Min. Max.														
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 30.015	39.6	40.0	39.8	36.3	45.4	25.0	27th	53.0	9th	1.4	1.5	1.5	.215	.217	.216	89	88	89
February	29.825	33.6	34.7	34.2	30.0	39.9	18.0	12, 13	55.0	28th	0.7	0.7	0.7	.179	.188	.184	92	93	93
March	.711	42.5	42.3	42.4	37.3	51.0	29.0	6th	58.0	18th	1.9	1.9	1.9	.232	.230	.231	85	86	86
April	.895	47.2	43.9	45.6	37.7	54.3	29.0	10th	65.0	19th	3.5	2.5	3.0	.245	.233	.239	76	81	79
May	.890	48.5	46.1	47.3	41.0	54.9	32.0	9th	75.0	23rd	4.4	2.8	3.6	.241	.249	.245	71	80	76
June	.873	56.7	54.5	55.6	48.3	65.0	35.0	10th	83.0	28th	3.2	2.5	2.9	.368	.354	.361	80	83	82
July	.933	59.0	56.3	57.7	50.2	66.3	40.0	25th	78.0	15th	4.3	2.8	3.6	.372	.374	.373	75	82	79
August	29.853	57.4	54.6	56.0	49.2	64.6	41.0	11th	71.0	15, 16, 26	3.1	1.9	2.5	.381	.373	.377	81	88	85
September	30.002	55.7	53.8	54.8	48.6	63.3	38.0	13th	74.0	8th	3.2	1.8	2.5	.356	.363	.360	80	87	84
October	29.906	49.6	47.8	48.7	43.6	54.9	33.0	12th	60.0	23, 24	1.5	1.1	1.3	.317	.306	.312	90	92	91
November	.827	43.3	44.7	44.0	40.0	49.0	28.0	22nd	59.0	1st	1.1	1.5	1.3	.256	.262	.259	92	89	91
December	29.925	41.0	41.5	41.3	37.5	45.8	26.0	7th	56.0	16, 17	1.7	1.8	1.8	.221	.225	.223	86	87	87
Year	29.888	47.8	46.7	47.3	41.6	54.5	—	—	—	—	2.5	1.9	2.2	.282	.281	.282	83.1	86.3	84.7
30 Years, 1871-1900.	—	—	—	—	40.8	55.1	0.0	Dec. '79	89.0	July '73 Aug. '76	—	—	—	—	—	—	—	—	—

STONYHURST

Long. 2° 28' W. Lat. 53° 51' N. Height above Mean Sea Level, 375 feet. Gravity Correction, +.023 in.

1902.	ins.	Air Temperature.									Humidity.								
		9 a.m. 9 p.m. Mean.			Means of			Absolute Min. and Max.			Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.		
					Min. Max.														
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	29.704	38.5	38.8	38.7	35.8	43.0	23.8	14th	49.8	9th	1.2	1.3	1.3	.213	.214	.214	85.8	86.4	86.1
February	.479	32.7	33.7	33.2	29.2	38.2	8.9	12th	51.1	28th	1.1	1.3	1.2	.166	.170	.168	84.5	84.6	84.6
March	.394	41.9	41.0	41.5	37.5	47.4	30.2	6th	51.1	1, 17	1.3	1.2	1.3	.240	.234	.237	89.5	90.7	90.1
April	.565	45.1	42.5	43.8	37.3	51.0	28.8	10th	60.6	25th	2.9	2.4	2.7	.240	.225	.233	79.7	81.8	80.8
May	.585	47.2	44.9	46.1	40.9	52.2	32.5	7th	60.7	23rd	3.8	1.8	2.8	.246	.261	.254	75.0	86.7	80.9
June	.542	56.7	54.7	55.7	49.2	63.1	36.2	10th	80.8	28th	3.8	3.0	3.4	.359	.352	.356	77.7	81.6	79.7
July	.619	57.7	54.9	56.3	49.5	62.2	39.7	2nd	72.5	6, 14	4.3	3.1	3.7	.358	.351	.355	74.9	80.5	77.7
August	.530	56.6	53.7	55.2	48.9	61.7	39.3	11th	68.2	16th	3.6	2.6	3.1	.359	.344	.352	78.2	82.8	80.5
September	.675	54.7	53.3	54.0	48.3	60.4	38.5	13, 25	70.2	2nd	3.8	2.8	3.3	.331	.338	.335	76.5	81.9	79.2
October	.585	48.5	47.1	47.8	44.0	52.4	36.2	4th	56.1	13th	1.7	1.2	1.5	.303	.297	.300	88.2	91.0	89.6
November	.467	43.3	43.9	43.6	40.4	47.4	29.3	21st	55.7	7th	1.6	1.4	1.5	.251	.259	.255	87.3	88.8	88.1
December	29.602	43.6	40.2	39.9	36.8	43.3	24.8	7th	52.7	17th	1.4	1.6	1.5	.219	.222	.221	86.9	85.5	86.2
Year	29.562	46.9	45.7	46.3	41.5	51.9	—	—	—	—	2.5	2.0	2.3	.274	.272	.273	82.0	85.2	83.6
30 Years, 1871-1900.	—	—	—	—	41.2	53.7	5.0	Jan. '81	88.1	July '73	—	—	—	—	—	—	—	—	—

WAKEFIELD

Long. 1° 30' W. Lat. 53° 41' N. Height above Mean Sea Level, 96 feet. Gravity Correction, +.023 in.

1902.	ins.	Air Temperature.									Humidity.								
		9 a.m. 9 p.m. Mean.			Means of			Absolute Min. and Max.			Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.		
					Min. Max.														
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	29.985	40.8	40.3	40.6	36.4	45.4	25.2	14th	54.0	4th	1.5	1.6	1.6	.224	.221	.221	88	87	88
February	.780	33.6	33.8	33.7	29.7	39.6	17.2	13, 17	54.6	28th	1.2	1.1	1.1	.168	.172	.170	87	89	88
March	.678	44.0	42.9	43.4	37.9	50.8	27.8	6th	55.5	10, 17	2.2	1.6	1.9	.239	.241	.240	83	87	85
April	.849	47.0	43.8	45.4	36.4	53.2	—	—	62.6	25th	3.4	2.5	3.0	.244	.231	.237	76	81	78
May	.852	48.5	46.6	47.6	40.3	54.7	—	—	67.4	23rd	3.8	2.2	3.0	.253	.266	.260	74	84	79
June	.818	56.8	55.7	56.2	48.2	64.7	36.2	10th	82.6	28th	3.6	2.6	3.1	.358	.369	.363	77	83	80
July	.885	59.4	56.8	58.1	49.1	64.8	40.2	2nd	77.6	14th	5.2	3.6	4.4	.356	.358	.357	70	77	74
August	.805	57.4	54.8	56.1	48.4	63.0	41.2	11th	71.0	22nd	3.5	2.2	2.8	.370	.367	.369	78	85	81
September	.955	55.4	53.8	54.6	47.1	62.5	37.6	25th	70.4	1st	2.7	1.3	2.0	.362	.377	.369	82	91	87
October	.860	50.4	48.7	49.6	43.6	54.9	35.2	9th	61.4	13th	1.5	1.1	1.3	.327	.316	.322	89	92	90
November	.772	43.6	44.4	44.0	39.9	49.0	29.6	21st	57.1	1st	1.7	1.7	1.7	.246	.254	.250	87	87	87
December	29.890	41.2	41.6	41.4	37.2	45.7	21.2	7th	56.9	17th	1.7	1.9	1.8	.223	.223	.223	86	85	86
Year	29.844	48.2	46.9	47.6	41.2	54.0	—	—	—	—	2.7	1.9	2.3	.281	.283	.282	81.4	85.7	83.6
20 Years, 1881-1900.	—	—	—	—	40.9	54.8	1.1	Jan. '94	86.8	July '81	—	—	—	—	—	—	—	—	—

YORK.

Heights above Ground:—Barometer, —3 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

1902.	Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	hrs. 31.1	% 13	6.6	5.9	6.3	ins. 1.01	.28	10th	13	1	0	0	4	12	0	14	2	1	0	5	6	27	7	0
February	60.0	22	7.2	6.8	7.0	1.26	.28	26th	12	3	0	0	3	14	0	8	4	8	9	11	4	3	7	2
March	79.8	22	7.4	6.6	7.0	0.97	.23	14, 24	14	2	0	0	0	12	0	3	0	1	1	17	16	21	3	0
April	175.4	42	5.1	3.5	4.3	1.42	.86	15th	11	1	1	2	7	3	0	8	6	12	5	13	4	9	3	0
May	146.5?	30?	7.2	5.9	6.6	2.23	.47	31st	18	1	0	0	0	9	0	28	2	2	0	5	3	17	5	0
June	178.2	35	7.0	6.5	6.8	1.84	.45	12th	16	0	0	2	3	11	0	14	6	12	5	5	3	10	5	0
July	160.7	32	7.4	7.2	7.3	2.31	.50	25th	16	0	0	2	0	15	0	9	1	3	2	7	6	24	10	0
August	136.6	30	7.5	6.7	7.1	1.93	.69	17th	16	0	0	0	2	16	0	6	4	10	5	15	4	15	3	0
September	131.6	35	5.3	5.3	5.3	0.43	.11	12th	13	0	0	0	6	9	2	11	7	2	4	11	4	12	9	0
October	59.2	18	7.4	7.0	7.2	2.06	.52	13th	22	0	1	0	2	14	0	16	6	5	0	13	10	8	4	0
November	42.3	17	6.4	6.9	6.7	1.33	.35	24th	13	0	0	0	3	13	0	1	0	11	15	22	5	4	1	1
December	16.4	7	6.6	8.1	7.4	1.90	.66	1st	16	4	0	0	1	14	1	4	5	9	3	10	5	22	4	0
Year	1217.8	28	6.8	6.4	6.6	18.69	—	—	180	12	2	6	31	142	3	122	43	76	49	134	70	172	61	3
35 Years, 1866-1900.	1274.3*	29*	—	—	—	25.62	—	—	187†	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

PRESTWICH

Long. 2° 17' W. Lat. 53° 32' N. Height above Mean Sea Level, 320 feet. Gravity Correction, +0.022 in.

1902.	Mean Pressure at 32° Fahr.	Air Temperature.										Humidity.									
		9 a.m. 9 p.m. Mean.			Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.				
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.		
January	ins. 29.736	38.4	39.4	38.9	35.6	43.9	23.9	30th	51.7	9th	0.9	1.3	1.1	in. 2.14	in. 2.16	in. 2.15	93	90	92		
February	499	31.9	33.5	32.7	28.6	38.6	9.0	13th	55.8	28th	1.0	1.3	1.2	1.57	1.66	1.62	87	86	87		
March	420	41.8	42.6	42.2	37.7	49.5	30.6	23rd	54.8	17th	1.3	1.7	1.5	2.38	2.37	2.38	90	87	89		
April	583	44.0	43.5	43.8	37.0	52.4	27.8	10th	61.8	25th	2.4	2.6	2.5	2.36	2.27	2.32	81	79	80		
May	599	47.0	45.8	46.4	40.2	53.5	31.8	7, 9	62.6	31st	3.6	2.1	2.9	2.41	2.61	2.51	75	85	80		
June	29.554	56.6	55.3	56.0	48.7	64.4	35.8	9, 10	83.9	28th	3.6	2.8	3.2	3.57	3.59	3.58	77	82	80		
July	—	56.6	55.5	56.1	48.9	63.8	37.8	25th	77.0	6th	2.8	2.4	2.6	3.78	3.73	3.76	82	85	84		
August	—	55.9	54.1	55.0	48.7	63.3	39.3	11th	70.0	26th	2.5	1.8	2.2	3.77	3.67	3.72	84	87	86		
September	—	53.7	53.0	53.4	47.4	62.2	35.7	13th	71.2	7th	2.6	2.0	2.3	3.41	3.47	3.44	83	86	85		
October	29.614	48.3	47.8	48.1	43.2	53.6	33.8	4th	59.3	23rd	1.4	1.4	1.4	3.04	2.98	3.01	90	90	90		
November	501	43.5	44.9	44.2	40.4	48.8	25.9	21st	56.6	7th	1.4	1.8	1.6	2.51	2.56	2.54	89	87	88		
December	29.643	39.8	40.7	40.3	36.3	44.4	21.9	7th	54.8	17th	1.1	1.5	1.3	2.23	2.22	2.23	92	88	90		
Year	—	46.5	46.3	46.4	41.1	53.2	—	—	—	—	2.1	1.9	2.0	2.76	2.77	2.77	85.3	86.0	85.7		
30 Years, 1871-1900.	—	—	—	—	41.1	54.2	5.8*	Jan. '81	86.5*	Aug. '99	—	—	—	—	—	—	—	—	—	—	—

MANCHESTER (OLDHAM ROAD)

Long. 2° 13' W. Lat. 53° 29' N. Height above Mean Sea Level, 190 feet. Gravity Correction, +0.022 in.

January	ins. 29.898	40.6	41.6	41.1	37.9	45.6	26.8	30th	53.0	3rd	1.8	2.0	1.9	in. 2.20	in. 2.26	in. 2.23	84.5	84.1	84.3		
February	662	34.3	36.5	35.4	32.1	40.3	20.0	12th	53.3	28th	1.4	1.7	1.6	1.76	1.86	1.81	86.4	84.0	85.2		
March	584	43.5	44.8	44.2	40.3	49.6	32.8	23rd	56.0	17th	2.0	2.2	2.1	2.41	2.49	2.45	85.1	83.6	84.4		
April	741	46.1	45.8	46.0	39.6	53.5	31.0	7th	64.0	25th	3.7	3.7	3.7	2.35	2.32	2.34	75.3	74.5	74.9		
May	764	47.8	48.0	47.9	42.7	53.8	34.0	7th	63.8	31st	4.2	3.3	3.8	2.43	2.65	2.54	72.2	77.9	75.1		
June	709	58.4	58.5	58.5	50.6	65.5	38.8	10th	85.8	28th	5.1	4.7	4.9	3.51	3.61	3.56	71.6	73.1	72.4		
July	799	57.8	58.6	58.2	51.9	64.9	43.0	25th	77.6	14th	4.0	4.3	4.2	3.69	3.72	3.71	76.6	74.8	75.7		
August	705	57.1	57.6	57.4	52.1	63.6	43.6	11th	70.0	28th	3.6	3.5	3.6	3.67	3.77	3.72	78.2	79.0	78.6		
September	854	54.9	56.2	55.6	50.5	62.1	37.8	13th	70.5	1st	3.4	3.2	3.3	3.42	3.63	3.53	78.6	78.9	78.8		
October	763	49.7	50.1	49.9	46.2	54.2	36.0	12th	59.3	13th	2.0	2.3	2.2	3.09	3.07	3.08	86.4	84.1	85.3		
November	650	45.5	46.6	46.1	42.8	49.7	29.0	21st	57.0	7th	2.3	2.7	2.5	2.59	2.62	2.61	83.5	81.2	82.4		
December	29.796	41.4	42.1	41.8	38.2	45.6	26.3	4th	55.5	17th	1.8	2.2	2.0	2.28	2.27	2.28	85.9	82.9	84.4		
Year	29.744	48.1	48.9	48.5	43.7	54.0	—	—	—	—	2.9	3.0	3.0	2.78	2.86	2.82	80.4	79.8	80.1		
— Years, 18—19.—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

BIDSTON OBSERVATORY (LIVERPOOL)

Long. 3° 4' W. Lat. 53° 24' N. Height above Mean Sea Level, 188 feet. Gravity Correction, +0.022 in.

January	ins. 29.886	40.9	40.4	40.7	37.2	45.2	27.7	14th	52.0	3rd	1.5	1.4	1.5	in. 2.24	in. 2.22	in. 2.23	88	89	89		
February	635	33.8	35.7	34.8	31.4	39.2	17.2	13th	53.0	28th	1.1	1.0	1.1	1.72	1.92	1.82	88	91	90		
March	567	42.9	43.2	43.1	39.2	48.7	32.2	6th	56.4	17th	1.8	1.4	1.6	2.37	2.49	2.43	86	89	88		
April	721	45.6	44.6	45.1	38.8	52.4	30.7	11th	62.6	19th	3.4	2.8	3.1	2.32	2.34	2.33	76	80	78		
May	759	47.5	47.1	47.3	42.9	52.8	35.2	10th	63.7	31st	3.1	2.4	2.8	2.57	2.67	2.62	79	83	81		
June	690	57.1	56.2	56.7	50.4	63.3	42.5	8th	81.2	28th	3.6	2.8	3.2	3.63	3.72	3.68	78	82	80		
July	794	57.3	56.2	56.8	52.2	62.0	46.3	2nd	71.3	8th	3.3	2.5	2.9	3.74	3.80	3.77	79	84	82		
August	690	56.7	55.7	56.2	52.2	62.2	48.2	11th	69.0	18, 28	2.4	2.1	2.3	3.89	3.85	3.87	85	87	86		
September	834	55.2	54.8	55.0	49.9	60.8	40.8	13th	68.1	2nd	3.2	2.5	2.9	3.47	3.59	3.53	80	84	82		
October	752	49.9	49.1	49.5	45.7	53.8	38.3	4th	59.5	13th	2.3	1.9	2.1	3.01	3.02	3.02	85	86	86		
November	611	44.1	45.0	44.6	41.1	48.3	31.0	21st	55.0	1, 7	1.8	1.6	1.7	2.49	2.62	2.56	85	88	87		
December	29.777	40.3	41.6	41.0	37.4	44.9	24.6	7th	55.2	14th	1.8	1.7	1.8	2.14	2.28	2.21	86	87	87		
Year	29.726	47.6	47.5	47.6	43.2	52.8	—	—	—	—	2.4	2.0	2.2	2.80	2.88	2.84	82.9	85.8	84.4		
30 Years, 1871-1900.	—	—	—	—	43.7	54.2	9.1	Jan. '81	89.1	July '73	—	—	—	—	—	—	—	—	—	—	—

* The extremes of temperature are for 25 years, 1876-1900.

PRESTWICH.

Heights above Ground:—Barometer, 0 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

1902.	Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	hrs. 30.2	% 12	8.3	6.7	7.5	ins. 2.92	ins. .50	3rd	20	5	0	0	3	18	0	9	1	2	1	9	2	20	1	17
February	22.1	8	9.1	7.1	8.1	1.60	.44	8th	10	5	0	0	0	19	2	4	3	18	6	8	0	3	0	14
March	73.1	20	9.1	6.7	7.9	2.32	.34	13th	21	2	5	0	0	18	0	0	1	4	3	12	2	22	2	16
April	153.6	37	8.4	3.8	6.1	2.50	.80	15th	12	0	1	2	3	9	0	4	4	13	5	7	0	10	3	14
May	159.4	32	8.2	7.8	8.0	3.37	.55	22nd	23	1	3	2	1	18	0	21	3	2	0	2	2	19	3	10
June	148.5	29	8.5	8.4	8.5	1.17	.19	20th	14	0	0	1	1	20	1	11	9	18	0	6	1	4	2	9
July	112.9	22	9.1	7.0	8.1	2.56	.56	25th	16	0	0	0	0	18	0	5	2	4	1	5	*1	24	5	15
August	119.2	26	8.5	6.7	7.6	2.87	.68	17th	22	0	0	0	0	16	0	6	3	8	0	6	0	15	2	22
September	114.0	30	7.8	4.0	5.9	1.44	.29	15th	14	0	0	0	3	8	1	2	3	8	4	5	1	11	2	24
October	43.9	14	9.4	6.2	7.8	4.87	1.10	13th	22	0	0	0	0	16	2	3	15	4	0	22	1	7	2	8
November	37.5	15	8.1	6.9	7.5	2.16	.43	28th	15	0	0	0	3	18	0	3	1	29	7	13	0	1	0	6
December	12.1	5	7.9	7.7	7.8	2.72	.52	1, 15	19	4	2	1	2	20	2	3	5	11	1	12	3	20	2	5
Year	1026.5	23	8.5	6.6	7.6	30.50	—	—	208	17	11	6	16	198	8	71	50	121	28	107	13	156	24	160
35 Years, } 1866-1900. }	—	—	—	—	—	37.75	—	—	199†	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

TEALBY

Long. 0° 16' W. Lat. 53° 24' N. Height above Mean Sea Level, 251 feet. Gravity Correction, +.021 in.

1902.	Mean Pressure at 32° Fahr.	Air Temperature.										Humidity.								
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.			
					Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
January	ins.	37°·7	38°·8	38°·3	34°·1	43°·5	24°·7	30, 31	50°·3	3, 10	0°·9	1°·1	1°·0	in.	in.	in.	%	%	%	
February	°589	33°·1	33°·7	33°·4	29°·3	38°·9	9·7	13th	51°·3	28th	0°·6	0°·5	0°·6	°176	°184	°180	92	91	92	
March	°502	40°·9	41°·0	41°·0	36°·0	48°·8	30°·3	24th	55°·5	18th	1°·0	1°·2	1°·1	°235	°231	°233	92	90	91	
April	°662	46°·8	42°·5	44°·7	38°·0	52°·4	30°·5	8th	64°·3	19th	2°·6	1°·6	2°·1	°259	°238	°249	81	87	84	
May	°651	49°·2	44°·9	47°·1	39°·4	54°·0	31°·0	7th	69°·3	31st	3°·5	1°·8	2°·7	°268	°256	°262	76	87	82	
June	°626	57°·4	53°·0	55°·2	49°·0	62°·6	36°·1	10th	77°·5	28th	3°·1	1°·3	2°·2	°381	°366	°374	81	91	86	
July	°707	58°·4	55°·2	56°·8	49°·2	64°·9	40°·3	25th	79°·1	14th	3°·3	2°·0	2°·7	°391	°379	°385	80	87	84	
August	°630	57°·1	53°·8	55°·5	48°·8	62°·7	42°·3	9, 21	73°·3	16th	2°·5	1°·5	2°·0	°393	°372	°383	84	89	87	
September	°782	55°·4	53°·1	54°·3	47°·8	62°·0	35°·9	13th	71°·1	1st	1°·5	0°·7	1°·1	°396	°385	°391	90	95	93	
October	°685	48°·3	47°·2	47°·8	42°·7	53°·2	35°·7	19th	58°·3	13th	0°·6	0°·6	0°·6	°324	°310	°317	96	96	96	
November	°621	43°·5	43°·5	43°·5	40°·0	48°·5	27°·3	22nd	58°·3	1st	0°·7	1°·0	0°·9	°267	°260	°264	94	92	93	
December	29°728	39°·5	40°·0	39°·8	35°·7	43°·9	25°·0	7th	53°·7	16th	0°·6	0°·9	0°·8	°230	°228	°229	95	93	94	
Year	29°666	47°·3	45°·6	46°·5	40°·8	53°·0	—	—	—	—	1°·7	1°·2	1°·5	°294	°285	°290	87°·8	91°·0	89°·4	
— Years, } 18—19— }	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

SHEFFIELD

Long. 1° 29' W. Lat. 53° 23' N. Height above Mean Sea Level, 429 feet. Gravity Correction, +.021 in.

Height above Mean Sea Level, 429 feet. Gravity Correction, +.021 in.																			
	ins.												in.	in.	in.	%	%	%	
January	29.608	40.1	40.6	40.4	36.5	45.0	25.4	27th	52.2	3rd	2.2	2.1	2.2	.208	.215	.212	80.1	81.9	81.0
February	.388	34.2	34.3	34.3	30.6	38.7	20.2	17th	54.0	28th	1.2	1.1	1.2	.175	.177	.176	86.1	85.9	86.0
March	.308	43.6	43.2	43.4	38.4	50.8	31.8	5th	58.0	5th	1.9	1.7	1.8	.246	.246	.246	86.6	88.1	87.4
April	.472	45.7	43.5	44.6	37.7	52.2	30.2	9th	61.5	19th	3.2	2.8	3.0	.240	.229	.235	78.2	80.4	79.3
May	.479	47.5	45.8	46.7	41.1	53.4	32.9	6th	68.1	23rd	3.9	2.4	3.2	.247	.260	.254	74.0	82.9	78.5
June	.450	56.1	55.5	55.8	48.8	64.0	38.7	10th	81.0	28th	3.3	2.6	3.0	.363	.374	.369	79.9	83.8	81.9
July	.522	58.6	56.5	57.6	50.7	65.2	43.5	2nd	80.9	14th	4.3	2.6	3.5	.373	.386	.380	76.0	84.1	80.1
August	.437	57.0	55.1	56.1	49.9	62.9	43.0	11th	70.3	16th	3.4	2.2	2.8	.371	.378	.375	79.9	85.9	82.9
September	.586	55.2	53.7	54.5	48.6	61.7	37.8	13th	71.1	8th	3.2	2.0	2.6	.354	.365	.360	80.6	87.4	84.0
October	.489	49.1	48.5	48.8	44.3	53.8	37.4	4th	59.5	13th	1.7	1.7	1.7	.308	.303	.306	88.1	88.5	88.3
November	.396	43.5	43.9	43.7	40.4	48.4	29.9	22nd	56.5	3rd	1.3	1.5	1.4	.257	.259	.258	89.2	88.8	89.0
December	29.513	40.4	41.0	40.7	36.9	44.6	21.1	7th	55.1	16th	1.9	1.9	1.9	.217	.223	.220	84.1	83.5	83.8
Year	29.471	47.6	46.8	47.2	42.0	53.4	—	—	—	—	2.6	2.1	2.4	.280	.285	.283	81.9	85.1	83.5
15 Years, } 1886-1900.	—	—	—	—	41.9	54.3	5.8	Feb. '95	86.4	Aug. '93	—	—	—	—	—	—	—	—	—

LLANDUDNO

Long. 3° 50' W. Lat. 53° 21' N. Height above Mean Sea Level, 72 feet. Gravity Correction, +.022 in.

Height above mean sea level, 12 feet. Gravity Correction, +.022 in.																			
	ins.												in.	in.	in.	%	%	%	
January	30.020	43.0	42.7	42.9	39.2	46.8	27.0	14th	53.5	3rd	2.4	2.4	2.4	.226	.224	.225	82	82	82
February	29.823	37.1	37.7	37.4	33.7	42.8	23.5	14th	59.2	25th	2.4	2.1	2.3	.176	.186	.181	80	82	81
March	.768	45.4	44.0	44.7	40.7	50.2	34.0	24, 25	56.5	17th	2.7	1.9	2.3	.243	.245	.244	80	85	83
April	.915	47.6	45.6	46.6	40.4	52.8	32.0	10th	63.0	25th	4.2	3.3	3.7	.235	.233	.234	71	76	73
May	.966	49.2	47.8	48.5	44.0	53.8	38.0	11th	62.8	24th	3.7	2.9	3.3	.262	.264	.263	75	79	77
June	.871	57.8	56.6	57.2	51.8	63.8	44.5	10th	82.0	25th	4.3	3.7	4.0	.356	.355	.356	74	77	76
July	.995	58.9	56.4	57.6	52.5	64.6	44.5	25th	73.5	6th	4.2	3.3	3.8	.373	.361	.367	75	79	77
August	29.878	59.0	56.5	57.8	52.4	64.2	43.5	5th	70.0	18th	3.5	2.6	3.0	.393	.381	.387	79	83	81
September	30.020	57.4	55.6	56.5	50.8	63.5	39.5	29th	74.0	2nd	3.8	2.9	3.4	.362	.360	.361	77	81	79
October	29.953	51.5	51.0	51.2	47.9	55.4	40.0	19th	61.2	13th	2.6	2.4	2.5	.313	.312	.312	82	83	82
November	.777	46.2	46.2	46.2	42.6	50.8	31.8	21st	59.0	1st	2.6	2.5	2.5	.253	.256	.255	81	82	82
December	29.949	42.3	42.9	42.6	38.8	47.3	23.2	5th	59.0	14th	2.3	2.2	2.3	.222	.229	.225	82	83	82
Year	29.911	49.6	48.6	49.1	44.6	54.7	—	—	—	—	3.2	2.7	3.0	.285	.284	.284	78.2	81.0	79.6
15 Years, } 1876-1890. }	29.808	50.0	48.5	49.3	44.2	54.6	14.5	Jan. '81	93.0	June '78	3.1	2.5	2.8	.295	.291	.293	79.4	82.6	81.0

TEALBY.

Heights above Ground:—Barometer, 9 feet. Thermometers, 5 feet. Rain-gauge, 4 feet.

1902.	Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	hrs. —	% —	7.1	5.2	6.2	0.825	2.30	4th	8	5	0	0	3	12	0	6	0	4	0	0	8	21	2	21
February	—	—	7.1	6.4	6.8	0.910	2.00	23rd	10	4	0	0	5	17	2	0	0	11	1	12	0	0	0	32
March	—	—	7.1	6.0	6.6	1.865	8.45	14th	14	0	1	0	2	12	0	1	1	0	1	13	10	6	29	
April	—	—	5.6	4.6	5.1	2.115	1.210	5th	11	2	1	1	6	7	1	0	8	12	2	11	3	5	17	
May	—	—	7.7	6.4	7.1	2.850	6.90	31st	20	2	6	5	1	13	1	12	4	5	1	2	1	9	7	21
June	—	—	7.0	6.1	6.6	2.550	6.90	12th	13	0	0	2	4	14	0	3	5	12	8	2	2	4	0	24
July	—	—	7.7	7.0	7.4	1.965	3.40	25th	11	0	1	1	2	16	0	4	3	3	2	0	5	9	3	33
August	—	—	6.7	6.1	6.4	2.420	7.10	7th	15	0	0	3	5	12	0	3	3	10	0	5	4	4	33	
September	—	—	5.9	4.5	5.2	0.680	2.35	10th	8	0	0	0	10	11	1	1	6	5	1	6	6	4	1	30
October	—	—	8.2	5.6	6.9	3.365	8.50	13th	23	0	0	1	2	16	2	3	0	17	0	7	10	2	23	
November	—	—	7.0	7.0	7.0	1.025	3.55	30th	9	0	0	0	3	13	0	0	0	12	7	7	10	3	1	20
December	—	—	7.2	8.1	7.7	1.665	4.50	1st	12	2	0	0	3	20	3	0	1	17	2	0	6	9	13	14
Year	—	—	7.0	6.1	6.6	2.235	—	—	154	15	9	13	46	163	10	33	31	108	25	32	74	86	44	297
— Years, 18—19—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

BUXTON

Long. 1° 54' W. Lat. 53° 14' N. Height above Mean Sea Level, 987 feet. Gravity Correction, +019 in.

1902.	Mean Pressure at 32° Fahr.	Air Temperature.									Humidity.								
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.		
					Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 29.011	36.7	37.2	37.0	32.4	43.1	17.6	15th	48.3	3, 4, 9	1.1	1.3	1.2	in. .196	.196	.196	% 90	% 88	% 89
February	28.777	30.4	31.6	31.0	25.5	36.8	3.3	13th	49.4	28th	1.1	1.2	1.2	.141	.149	.145	83	84	84
March	.725	41.7	40.5	41.1	35.6	48.3	28.3	6th	53.0	5th	2.2	1.7	1.9	.218	.217	.218	83	86	84
April	.875	42.7	41.3	42.0	33.7	50.1	24.5	7th	61.0	25th	3.1	3.3	3.2	.210	.195	.202	77	75	76
May	.896	45.0	44.2	44.6	38.4	51.0	29.8	7, 14	60.0	26, 31	3.1	3.0	3.1	.231	.226	.229	77	78	78
June	.864	55.0	54.7	54.8	46.0	62.8	34.6	10th	77.6	28th	4.2	3.9	4.0	.321	.323	.322	74	75	74
July	.947	55.7	53.7	54.7	47.0	62.1	34.6	2nd	76.4	14th	3.2	3.0	3.1	.355	.333	.344	80	81	81
August	.860	54.2	52.9	53.6	46.3	59.9	38.7	11th	68.8	16th	2.8	2.1	2.5	.343	.344	.343	81	86	83
September	.995	52.2	51.3	51.7	44.4	59.3	33.0	13th	68.5	8th	2.7	2.3	2.5	.321	.318	.320	82	84	83
October	.901	46.0	45.3	45.7	40.8	51.2	30.8	12th	58.8	13th	1.4	1.4	1.4	.277	.270	.273	89	89	89
November	.796	41.2	41.8	41.5	37.7	45.6	27.1	22nd	55.1	1st	1.1	1.6	1.3	.235	.231	.233	91	87	89
December	28.922	36.8	37.8	37.3	33.1	41.6	16.2	7th	50.6	17th	1.1	1.8	1.5	.196	.192	.194	90	85	88
Year	28.881	44.8	44.4	44.6	38.4	51.0	—	—	—	—	2.3	2.2	2.2	.254	.250	.252	83.1	83.2	83.2
15 Years, 1876-1890.	28.858	45.4	43.3	44.4	37.9	51.7	-4.0	Dec. '82	88.9	Jul. '76	2.1	1.3	1.7	.270	.263	.267	85.5	89.6	87.6

CHEADLE

Long. 1° 57' W. Lat. 52° 58' N. Height above Mean Sea Level, 646 feet. Gravity Correction, +020 in.

	ins.																				
January	29.424	37.5	38.5	38.0	34.4	43.4	23.0	30th	50.7	3rd	1.0	1.1	1.1	in.	in.	in.	%	%	%		
February	160	31.4	32.7	32.1	28.7	37.9	17.2	13th	51.1	28th	0.7	0.5	0.6	1.59	1.75	1.67	90	91	91		
March	123	41.4	41.5	41.4	36.8	49.5	29.0	23rd	58.0	31st	1.5	1.4	1.4	2.29	2.32	2.30	88	89	89		
April	265	43.8	42.0	42.9	36.2	52.0	29.6	10th	62.8	25th	2.8	2.6	2.7	2.26	2.14	2.20	79	80	79		
May	284	45.9	44.6	45.3	39.4	52.9	31.2	7th	62.7	31st	2.9	2.4	2.7	2.44	2.41	2.43	79	82	81		
June	242	54.9	54.5	54.7	48.4	63.1	37.1	9th	79.6	28th	2.7	2.8	2.7	3.56	3.48	3.52	83	82	82		
July	344	56.5	55.0	55.7	49.1	64.4	40.5	25th	78.6	14th	3.5	2.4	3.0	3.57	3.65	3.61	78	84	81		
August	247	55.1	54.2	54.7	49.0	62.0	41.2	11th	70.1	16th	2.2	1.9	2.0	3.71	3.66	3.68	85	87	86		
September	391	53.1	51.9	52.5	47.1	60.9	32.6	13th	70.1	8th	2.4	1.9	2.2	3.39	3.36	3.38	84	87	86		
October	298	47.2	46.3	46.7	43.1	52.6	38.0	12th	60.7	23, 25	1.1	1.1	1.1	2.98	2.88	2.93	92	91	91		
November	183	41.3	42.2	41.8	38.7	47.0	28.5	21st	57.0	1st	0.7	0.7	0.7	2.44	2.53	2.48	94	94	94		
December	29.329	37.9	38.4	38.1	34.7	42.5	22.4	7th	54.2	17th	0.9	0.8	0.8	2.10	2.16	2.13	92	93	93		
Year	29.274	45.5	45.2	45.3	40.5	52.4	—	—	—	—	1.9	1.6	1.8	2.70	2.70	2.70	86.3	87.8	87.1		
15 Years, 1876-1890.	29.234	45.5	44.9	45.2	40.0	52.4	9.9	Jan. '81	87.0	Aug. '76	1.9	1.6	1.8	2.72	2.72	2.72	86.1	88.1	87.1		

BELVOIR CASTLE

Long. 0° 47' W. Lat. 52° 54' N. Height above Mean Sea Level, 259 feet. Gravity Correction, +020 in.

		Air Temperature.										Humidity.									
		ins.		°s.		°f.		°c.		°f.		°s.		°f.		°c.		°f.		°s.	
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		°s.		°f.																	

BUXTON.

Heights above Ground:—Barometer, 8 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

1902.	Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	hrs. 21.5	% 9	8.0	5.5	6.8	ins. 3.695	ins. 5.30	4th	22	5	1	0	5	13	1	3	3	1	0	5	6	9	19	16
February	54.4	20	7.7	7.1	7.4	2.375	4.80	9th	12	3	0	0	0	14	0	2	12	3	2	0	0	2	8	27
March	114.2	31	6.4	5.3	5.8	3.856	5.95	14th	23	4	0	1	2	5	1	0	0	0	1	5	6	18	18	14
April	160.1	39	6.3	4.3	5.3	3.030	5.20	15th	15	2	0	0	4	6	0	4	9	5	0	2	8	4	9	19
May	132.9	27	7.4	6.2	6.8	4.570	7.20	22nd	26	1	2	0	1	8	0	7	6	4	1	1	4	11	18	10
June	155.9	31	6.5	5.4	6.0	2.020	2.50	12th	16	0	0	1	5	8	0	3	10	4	8	5	5	2	9	14
July	170.7	34	7.5	5.2	6.3	3.950	1.080	26th	17	0	0	0	1	7	0	3	2	1	1	1	6	13	14	21
August	130.4	29	7.8	5.4	6.6	4.232	5.70	2nd	28	0	1	2	0	10	0	1	5	3	5	0	7	8	12	21
September	117.9	32	7.1	5.0	6.1	2.145	3.50	16th	20	0	0	0	2	12	0	2	4	7	5	3	3	5	9	22
October	37.6	12	8.7	5.3	7.0	6.245	1.020	13th	27	0	2	1	0	12	0	1	9	4	4	1	5	11	11	16
November	37.3	15	7.5	7.0	7.2	3.465	8.40	28th	21	0	0	0	1	15	0	2	7	11	7	1	5	3	11	13
December	13.1	6	9.0	6.8	7.9	4.300	9.10	2nd	22	6	2	0	0	16	2	1	8	7	1	2	8	9	19	7
Year	1146.0	26	7.5	5.7	6.6	43.883	—	—	249	21	8	5	21	126	4	29	75	50	35	26	63	95	157	200
15 Years, } 1876-1890. }	1151.9*	26*	7.4	6.6	7.0	51.664	2.380	Oct. '80	198.0	43.5	11.4	12.2	12.0	144.9	4.4	22.1	46.8	81.6	57.6	24.5	104.3	133.7	146.0	113.8

HILLINGTON

Long. $0^{\circ} 33' E.$ Lat. $52^{\circ} 48' N.$ Height above Mean Sea Level, 88 feet. Gravity Correction, $+0.021$ in.

1902.	Mean Pressure at 32° Fahr.	Air Temperature.										Humidity.								
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.			
					Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
January	ins.	38°6	39°8	39°2	34°8	44°9	22°5	15th	52°5	21st	1°1	1°0	1°1	in.	in.	in.	%	%	%	
February	29°766	32°6	33°5	33°1	27°9	40°4	10·0	16th	55°5	28th	0°4	0°4	0°4	°214	°228	°221	88°9	90°6	89°8	
March	°706	41°7	40°6	41°2	35°8	51°9	26°8	24th	58°4	31st	1°0	0°8	0°9	°181	°187	°184	94°8	94°5	94°7	
April	°854	48°2	43°5	45°9	37°2	55°4	25°8	9th	67°5	19th	1°6	0°8	1°2	°308	°272	°290	88°4	93°5	91°0	
May	°838	49°0	45°7	47°4	39°5	55°8	26°1	14th	71°0	31st	2°5	1°6	2°1	°291	°279	°285	82°4	87°9	85°2	
June	°820	58°5	54°1	56°3	49°1	66°5	36°4	11th	81°5	28th	—	—	—	—	—	—	—	—	—	
July	°896	60°4	56°5	58°5	49°7	68°3	39°5	3rd	83°0	15th	4°4	2°2	3°3	°396	°400	°398	75°1	86°7	80°9	
August	°805	58°3	55°0	56°7	48°2	66°9	39°9	9th	79°2	29th	3°1	1°3	2°2	°396	°398	°397	81°1	90°8	86°0	
September	°952	54°9	52°5	53°7	46°4	64°8	34°1	19th	72°4	2, 4	2°7	1°4	2°1	°363	°361	°362	83°2	90°2	86°7	
October	°863	49°2	47°1	48°2	41°6	55°4	29°6	19th	65°4	10th	1°6	1°3	1°5	°313	°297	°305	88°8	90°6	89°7	
November	°796	43°3	42°8	43°1	38°0	48°9	26°0	22nd	59°4	6th	1°0	0°9	1°0	°264	°260	°262	91°9	92°3	92°1	
December	29°908	39°7	40°1	39°9	35°2	44°3	17°8	5th	54°9	17th	1°1	1°2	1°2	°226	°230	°228	90°1	89°1	89°6	
Year	29°850	47°9	45°9	46°9	40°3	55°3	—	—	—	—	—	—	—	—	—	—	—	—	—	
15 Years, 1876-1890.	29°831	48°6	45°4	47°0	40°2	55°3	1°3	Jan. '81	93°4	Aug. '84	2°3	1°2	1°8	°305	°291	°298	84°9	91°0	88°0	

CHURCHSTOKE

Long. $3^{\circ} 5' W.$ Lat. $52^{\circ} 31' N.$ Height above Mean Sea Level, 538 feet. Gravity Correction, + '018 in.

[illegible]

LOWESTOFT

Long. 1° 45' E. Lat. 52° 29' N. Height above Mean Sea Level, 84 feet. Gravity Correction, +.020 in.

[illegible]

HILLINGTON.

Heights above Ground :—Barometer, 4 feet. Thermometers, 4 feet. Rain-gauge, 3 feet 6 inches.

1902.	Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January	hrs. 47·8	% 19	7·3	7·2	7·3	1·28	·32	4th	15	3	1	0	2	14	0	3	6	0	2	1	27	9	8	6		
February	68·8	25	6·8	6·4	6·6	1·60	·24	22nd	17	4	1	2	2	11	0	2	14	9	6	5	1	3	0	16		
March	95·9	26	8·2	5·9	7·1	1·29	·55	14th	16	0	2	3	0	12	0	2	1	1	2	11	13	11	9	12		
April	173·4	42	5·3	3·8	4·6	1·57	1·02	5th	13	0	1	1	4	5	1	3	13	4	6	5	10	5	4	10		
May	156·3	32	6·6	5·0	5·8	4·38	·56	18th	21	5	6	3	0	5	0	5	10	0	1	1	3	14	15	13		
June	211·1	42	5·9	5·8	5·9	3·52	·56	13th	19	0	1	3	2	7	0	2	12	4	8	6	5	6	4	13		
July	189·6	38	6·9	7·8	7·4	3·15	1·17	20th	14	0	0	1	0	15	0	8	11	2	2	1	5	5	12	16		
August	165·9	37	7·3	6·9	7·1	2·89	1·58	6th	19	0	0	6	3	13	0	0	6	5	3	2	12	8	7	19		
September	157·5	42	6·8	4·2	5·5	1·40	·43	11th	12	0	0	0	4	7	0	0	8	5	7	1	14	0	8	17		
October	79·6	25	8·3	6·4	7·4	2·19	·35	13, 15	22	0	0	1	1	15	0	3	11	3	0	1	13	5	9	17		
November	68·8	27	6·9	5·8	6·4	1·39	·36	30th	16	0	0	0	3	12	0	0	0	4	20	4	13	2	0	17		
December	41·8	18	8·2	6·3	7·3	1·50	·41	17th	16	4	0	0	2	17	0	0	6	5	3	2	9	17	8	12		
Year	1436·5	33	7·0	6·0	6·5	26·16	—	—	200	16	12	20	23	133	1	28	98	42	60	40	125	85	84	168		
15 Years, 1876-1890.	1497·9*	34*	7·4	6·5	7·0	28·523	2·340	Sept. 1883.	200·7	30·0	11·9	21·7	26·7	159·0	11·4	41·8	112·7	53·2	86·7	58·6	198·0	72·0	101·8	5·9		

CHURCHSTOKE.

Heights above Ground:—Barometer, 12 feet. Thermometers, 4 feet. Rain-gauge, 1 foot 6 inches.

	hrs.	%				ins.	ins.																		
January	55.9	23	8.6	6.4	7.5	1.723	.490	1st	17	4	2	0	0	13	0	0	3	4	1	2	18	21	12	1	
February	77.2	29	8.0	6.6	7.3	0.709	.220	26th	12	4	0	0	3	17	1	0	4	10	22	5	0	9	5	1	
March	105.1	29	8.7	6.5	7.6	1.630	.620	14th	15	1	2	0	0	14	0	0	0	2	8	4	15	23	9	1	
April	188.0	45	7.6	4.7	6.2	2.172	.450	15th	14	0	2	2	1	5	0	3	4	8	10	2	8	16	7	2	
May	208.1	43	7.5	6.1	6.8	3.953	.590	3rd	20	1	5	1	0	11	0	5	5	0	3	0	10	21	18	0	
June	167.4	34	7.3	6.2	6.8	2.234	.470	19th	14	0	0	4	4	12	0	5	6	5	15	4	9	8	7	1	
July	204.7	41	7.9	5.9	6.9	2.372	1.370	1st	13	0	0	0	1	13	0	1	0	3	2	1	9	22	23	1	
August	161.9	36	8.7	6.9	7.8	3.614	.990	7th	20	0	0	1	0	18	0	3	2	7	13	1	11	18	7	0	
September	164.9	44	7.6	5.3	6.5	2.377	.606	2nd	17	0	0	0	4	13	0	6	8	10	4	5	12	12	3		
October	60.3	19	8.7	7.2	8.0	2.880	1.130	9th	16	0	0	0	0	16	1	2	6	14	2	1	14	17	6	0	
November	45.5	18	8.8	7.5	8.2	2.530	.560	28th	14	0	0	0	1	20	0	0	2	14	21	3	10	7	0	3	
December	38.0	17	7.7	7.5	7.6	2.957	.600	30th	14	2	3	0	1	17	0	1	3	13	4	1	10	25	5	0	
Year	1477.0	34	8.1	6.4	7.3	29.151	—	—	186	12	14	8	15	169	2	20	41	88	111	28	119	199	111	13	
15 Years, 1876-1890.	1445.0*	33*	7.3	6.3	6.8	31.636	2.780	May 1886.	187.9	28.8	8.0	11.7	19.8	136.9	9.2	38.7	56.4	57.8	89.2	40.5	120.2	138.9	122.5	57.5	

LOWESTOFT.

Heights above Ground :—Barometer, -9 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

[illegible]

* The sunshine mean is for 20 years, 1881-1900.

GELDESTON

Long. 1° 31' E. Lat. 52° 28' N. Height above Mean Sea Level, 37 feet. Gravity Correction, +0.020 in.

1902.	Mean Pressure at 32° Fahr.	Air Temperature.										Humidity.									
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.				
					Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.		
January	ins. 30°068	39°7	40°9	40°3	35°8	46°0	25°1	15th	53°6	22nd	1°4	1°5	1°5	in. 2°16	in. 2°24	in. 2°20	% 88	% 88	% 88		
February	29°838	33°6	34°5	34°1	29°4	39°8	12°0	16th	53°9	28th	0°9	0°8	0°9	1°74	1°84	1°79	90	92	91		
March	776	42°2	41°7	42°0	35°1	51°4	25°0	6th	59°9	17th	1°7	1°5	1°6	2°33	2°32	2°33	88	89	89		
April	911	48°3	43°8	46°1	37°9	53°9	28°6	9th	63°8	20th	3°7	1°9	2°8	2°53	2°45	2°49	75	85	80		
May	882	50°6	45°8	48°2	39°5	55°5	28°8	14th	70°0	27th	3°7	1°4	2°6	2°78	2°77	2°78	75	90	83		
June	870	60°0	54°8	57°4	49°1	65°3	33°8	11th	81°0	29th	3°9	1°7	2°8	3°98	3°81	3°90	77	89	83		
July	957	62°6	56°7	59°7	49°8	68°3	38°9	3rd	83°8	15th	5°4	2°1	3°8	3°98	3°98	3°98	70	87	79		
August	29°871	60°4	56°0	58°2	48°6	66°6	37°1	2nd	76°8	16th	3°7	1°4	2°6	4°10	4°08	4°09	78	91	85		
September	30°019	57°6	53°5	55°6	47°7	63°8	35°9	20th	73°7	3rd	2°7	1°6	2°2	3°96	3°64	3°80	83	89	86		
October	29°924	49°9	48°7	49°3	43°8	55°7	32°9	31st	65°7	10th	1°9	1°8	1°9	3°10	3°01	3°06	87	87	87		
November	872	44°7	43°8	44°3	38°7	49°5	29°8	22nd	60°9	1st	1°5	1°4	1°5	2°62	2°55	2°59	89	89	89		
December	29°974	40°5	40°4	40°5	35°7	44°5	26°2	4th	56°6	17th	1°6	1°5	1°6	2°19	2°20	2°20	87	88	88		
Year	29°914	49°2	46°7	48°0	40°9	55°0	—	—	—	—	2°7	1°6	2°2	2°96	2°91	2°94	82°3	88°7	85°5		
30 Years, } 1871-1900. }	—	—	—	—	41°4	55°7	1°4*	Feb. '95	91°2*	July '81	—	—	—	—	—	—	—	—	—		

BIRMINGHAM (EDGBASTON)

Long. 1° 56' W. Lat. 52° 28' N. Height above Mean Sea Level, 535 feet. Gravity Correction, +0.018 in.

		Air Temperature.										Humidity.											
		ins.																					
January	-	29.531	39.1	40.0	39.6	35.9	44.6	25.0	15, 30	53.1	10th	1.5	1.8	1.7	in. 2.11	in. 2.14	in. 2.13	% 85.4	% 85.7	% 85.6			
February	-	257	32.3	34.7	33.5	30.2	39.0	20.6	17th	54.4	28th	0.8	1.0	0.9	1.68	1.82	1.75	88.2	87.8	88.0			
March	-	227	42.4	43.9	43.2	38.4	50.9	29.3	6th	58.8	19th	2.2	2.3	2.3	2.29	2.39	2.34	84.1	82.7	83.4			
April	-	357	44.5	44.5	44.5	37.7	53.0	30.0	7th	62.8	25th	3.4	3.8	3.6	2.26	2.17	2.22	76.3	73.4	74.9			
May	-	384	46.6	47.1	46.9	40.9	54.8	32.6	7th	67.7	24th	3.5	3.6	3.6	2.47	2.51	2.49	76.7	76.1	76.4			
June	-	334	55.7	56.3	56.0	49.2	64.0	40.0	9th	80.8	28th	3.6	4.2	3.9	3.51	3.44	3.48	78.6	76.0	77.3			
July	-	449	57.6	57.5	57.6	50.6	66.1	42.9	12th	81.4	14th	4.8	4.5	4.7	3.47	3.50	3.49	73.0	73.9	73.5			
August	-	337	56.1	57.4	56.8	50.7	64.3	43.3	11th	74.6	16th	2.7	2.9	2.8	3.76	3.91	3.84	83.3	82.3	82.8			
September	-	478	53.0	54.6	53.8	48.4	62.4	37.4	13th	69.8	1st	2.6	3.1	2.9	3.39	3.42	3.41	83.3	80.2	81.8			
October	-	394	48.1	48.2	48.2	44.5	53.9	38.3	12th	60.1	10, 25	1.6	2.1	1.9	3.00	2.91	2.96	88.8	85.5	87.2			
November	-	274	42.3	43.7	43.0	39.9	47.9	28.8	21st	57.6	1st	1.1	1.4	1.3	2.47	2.59	2.53	90.0	88.8	89.4			
December	-	29.422	39.1	39.6	39.4	35.7	43.3	21.0	7th	55.4	17th	1.3	1.5	1.4	2.19	2.18	2.19	88.8	86.8	87.8			
Year	-	29.370	46.4	47.3	46.9	41.8	53.7	—	—	—	—	2.4	2.7	2.6	2.72	2.75	2.74	83.0	81.6	82.3			
30 Years, 1871-1900.	}	—	—	—	—	42.0	54.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

CAMBRIDGE

Long. 0° 6' E. Lat. 52° 13' N. Height above Mean Sea Level, 83 feet. Gravity Correction, +0.019 in.

Air Temperature.											Humidity.																		
	ins.										Means of			Absolute Min. and Max.			Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.						
											9 a.m.	9 p.m.	Mean.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	30.051	38.9	40.5	39.7	34.8	46.8	21.1	15th	54.0	4th	1.2	1.4	1.3	in. 2.17	in. 2.27	in. 2.22	89.5	87.7	88.6										
February	29.789	32.5	33.9	33.2	28.5	41.7	13.0	16th	55.2	28th	0.5	0.7	0.6	1.79	1.84	1.82	93.6	92.1	92.9										
March	745	44.0	42.4	43.2	35.7	53.8	26.7	6th	61.0	17th	1.9	1.6	1.8	2.50	2.40	2.45	86.2	88.0	87.1										
April	870	48.9	44.3	46.6	36.4	57.7	26.6	9th	69.6	19th	3.6	2.2	2.9	2.68	2.47	2.58	77.1	83.7	80.4										
May	870	50.3	46.2	48.3	39.1	57.7	28.1	14th	73.0	31st	3.5	1.8	2.7	2.86	2.82	2.84	77.3	87.5	82.4										
June	831	60.4	56.2	58.3	48.3	68.3	35.0	10th	87.0	28th	3.9	2.5	3.2	4.12	3.86	3.99	77.5	84.7	81.1										
July	928	62.5	58.5	60.5	50.3	71.2	40.0	12th	86.2	14th	5.4	3.3	4.4	4.03	3.96	4.00	70.7	80.6	75.7										
August	834	60.3	57.5	58.9	50.5	69.0	42.3	9th	81.2	29th	3.3	2.0	2.7	4.23	4.16	4.20	80.5	87.3	83.9										
September	984	56.3	53.5	54.9	47.0	67.0	34.6	30th	76.0	22nd	2.5	1.9	2.2	3.88	3.63	3.76	84.7	87.3	86.0										
October	895	49.8	47.9	48.9	42.1	57.1	29.0	19th	66.2	10th	1.9	1.6	1.8	3.17	2.99	3.08	87.5	88.8	88.2										
November	810	43.2	42.6	42.9	36.9	50.6	26.0	18th	62.5	1st	0.8	0.9	0.9	2.67	2.61	2.64	93.5	93.1	93.3										
December	29.948	39.9	39.9	39.9	34.6	45.4	15.5	7th	57.0	17th	1.1	1.3	1.2	2.31	2.28	2.30	90.6	89.3	90.0										
Year	29.880	48.9	47.0	48.0	40.4	57.2	—	—	—	—	2.5	1.8	2.2	3.03	2.94	2.99	84.1	87.5	85.8										
30 Years, } 1871-1900. }	—	—	—	—	40.5	57.3	0.1	Dec. '79	95.2	July '00	—	—	—	—	—	—	—	—	—	—	—	—							

* The extremes of temperature are for 20 years, 1881-1900.

GELDESTON.

Heights above Ground:—Barometer, 10 feet. Thermometers, 4 feet 6 inches. Rain-gauge, 1 foot.

1902.		Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
		Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	-	hrs. 61.1	% 24	6.8	7.5	7.2	ins. 0.89	ins. .23	1st	17	7	0	0	4	16	0	0	2	2	0	1	15	38	4	0
February	-	78.3	29	7.3	6.3	6.8	0.62	.19	26th	12	7	2	0	3	13	0	1	6	14	9	3	5	11	4	3
March	-	98.8	27	8.3	6.2	7.3	1.08	.27	14th	13	1	0	0	1	14	0	3	1	1	6	10	17	18	6	0
April	-	176.0	43	6.0	4.5	5.3	1.39	.81	5th	9	0	0	2	7	8	0	5	10	14	5	8	6	8	4	0
May	-	167.4	35	8.7	6.3	7.5	3.39	.37	31st	24	2	4	3	0	17	0	14	1	3	4	6	6	16	12	0
June	-	218.5	44	6.8	6.1	6.5	1.79	.73	13th	15	0	0	3	4	13	0	5	3	18	7	4	6	12	5	0
July	-	197.8	40	6.9	7.5	7.2	1.99	.48	9th	11	0	0	2	1	13	0	8	4	3	3	7	6	23	8	0
August	-	170.4	38	6.5	6.4	6.5	3.51	.69	23rd	17	0	0	2	4	11	0	5	6	9	5	8	9	13	7	0
September	-	157.3	42	7.1	4.6	5.9	1.24	.45	2nd	12	0	0	0	2	7	0	5	5	13	4	5	5	15	7	1
October	-	65.2	20	8.6	6.4	7.5	1.43	.60	1th	19	0	0	0	2	17	0	3	6	12	2	5	10	19	5	0
November	-	68.6	27	7.1	5.4	6.3	1.33	.55	30th	14	0	0	0	4	13	0	2	1	20	8	8	9	7	1	4
December	-	42.8	18	7.4	7.6	7.5	1.25	.31	1, 17	15	3	0	0	2	18	0	1	6	16	1	6	12	18	2	0
Year	-	1502.2	34	7.3	6.2	6.8	19.91	—	—	178	20	6	12	34	160	0	52	51	125	54	71	106	198	65	8
35 Years, 1866-1900.	-	1631.7*	37*	—	—	—	23.95	—	—	183†	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

HOLLESLEY BAY -

Long. 1° 27' E. Lat. 52° 3' N. Height above Mean Sea Level, 38 feet. Gravity Correction, +019 in.

1902.	Mean Pressure at 32° Fahr.	Air Temperature.										Humidity.									
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.				
					Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.		
January	ins. 30.094	41.1	40.4	40.8	35.7	45.2	26.3	27th	51.8	4th	1.6	1.2	1.4	in. 22.8	23.0	22.9	86.8	90.2	88.5		
February	29.844	34.8	34.6	34.7	30.4	38.7	21.2	16th	48.2	28th	0.8	0.8	0.8	1.87	1.87	1.87	90.6	92.3	91.5		
March	80.4	43.0	41.2	42.1	35.5	49.7	28.6	5th	59.7	31st	1.6	1.2	1.4	2.43	2.35	2.39	87.8	91.0	89.4		
April	92.2	47.7	43.0	45.4	38.3	51.0	30.8	9th	57.8	24th	2.8	1.3	2.1	2.71	2.52	2.62	81.0	90.4	85.7		
May	90.4	50.5	46.0	48.3	39.8	54.3	31.0	6, 14	68.8	25th	3.6	1.5	2.6	2.84	2.80	2.82	77.1	88.8	83.0		
June	88.9	58.8	54.2	56.5	49.7	62.8	37.6	10th	78.5	29th	3.4	1.5	2.5	3.99	3.85	3.92	79.7	90.6	85.2		
July	98.5	62.3	56.6	59.5	51.0	67.3	42.5	3rd	77.2	15th	5.3	1.9	3.6	4.02	4.02	4.02	70.9	87.8	79.4		
August	29.894	61.5	57.0	59.3	51.0	65.0	42.3	2nd	72.0	19th	3.7	1.5	2.6	4.31	4.25	4.28	78.7	90.2	84.5		
September	30.032	59.5	55.2	57.4	49.5	63.4	39.7	19th	71.6	3rd	3.8	1.9	2.9	3.99	3.87	3.93	77.8	87.8	82.8		
October	29.945	51.1	49.3	50.2	44.4	54.9	35.2	19th	62.0	10, 13	2.1	1.5	1.8	3.25	3.17	3.21	86.1	89.5	87.8		
November	29.885	46.5	44.2	45.4	40.0	49.1	30.5	21st	60.0	1st	1.6	1.1	1.4	2.85	2.70	2.78	88.0	91.3	89.7		
December	30.003	40.6	40.0	40.3	35.4	43.9	27.0	5th	59.0	17th	1.4	1.0	1.2	2.28	2.32	2.30	88.3	92.7	90.5		
Year	29.933	49.8	46.8	48.3	41.7	53.8	—	—	—	—	2.6	1.4	2.0	3.07	3.00	3.04	82.7	90.2	86.5		
— Years, 18—19—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

WOBURN

Long. 0° 36' W. Lat. 52° 1' N. Height above Mean Sea Level, 291 feet. Gravity Correction, +018 in.

January	ins. 29.857	39.4	39.8	39.6	34.7	45.4	19.0	15th	50.2	1st	1.5	1.4	1.5	in. 21.6	22.1	21.9	86.8	87.3	87.1		
February	57.2	32.7	33.6	33.2	28.3	39.3	12.6	16th	55.6	28th	0.7	0.6	0.7	1.73	1.82	1.78	89.4	91.6	90.5		
March	55.7	43.4	43.0	43.2	36.7	51.5	24.5	6th	64.8	13th	2.0	2.0	2.0	2.41	2.38	2.40	85.0	85.8	85.4		
April	67.0	47.1	43.7	45.4	35.9	55.1	24.8	9th	67.9	20th	3.7	2.7	3.2	2.45	2.33	2.39	75.2	80.5	77.9		
May	68.0	48.7	45.8	47.3	38.7	55.9	25.8	14th	68.1	25th	3.5	1.9	2.7	2.68	2.75	2.72	77.0	87.0	82.0		
June	63.7	58.5	55.1	56.8	46.6	65.3	32.7	10th	82.2	28th	4.0	2.4	3.2	3.81	3.74	3.78	77.0	86.1	81.6		
July	73.9	60.6	58.2	59.4	49.3	67.8	36.9	12th	83.7	14th	5.1	3.6	4.4	3.81	3.85	3.83	71.6	79.5	75.6		
August	64.2	59.1	57.5	58.3	50.0	66.8	39.7	26th	76.2	29th	3.2	2.7	3.0	4.01	3.98	4.00	80.1	83.7	81.9		
September	78.5	55.6	52.5	54.1	45.0	63.8	32.0	30th	72.0	1st	2.9	2.1	2.5	3.67	3.47	3.57	82.2	86.9	84.6		
October	69.7	49.5	47.6	48.6	41.9	55.1	27.5	19th	62.9	10th	2.1	1.8	2.0	3.06	2.97	3.02	85.8	86.4	86.1		
November	59.3	43.4	42.9	43.2	37.9	48.7	25.9	22nd	59.0	6th	1.0	1.1	1.1	2.63	2.57	2.60	91.2	91.5	91.4		
December	29.749	39.6	39.6	39.6	35.7	43.8	15.2	7th	55.2	17th	1.2	1.4	1.3	2.27	2.23	2.25	90.1	88.6	89.4		
Year	29.682	48.1	46.6	47.4	40.1	54.9	—	—	—	—	2.6	2.0	2.3	2.89	2.85	2.87	82.6	86.2	84.4		
— Years, 18—19—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

BENNINGTON

Long. 0° 5' W. Lat. 51° 54' N. Height above Mean Sea Level, 407 feet. Gravity Correction, +017 in.

January	ins. 29.719	38.5	39.6	39.1	35.4	44.6	23.0	15th	52.9	4th	1.4	1.4	1.4	in. 20.5	21.5	21.0	88	88	88		
February	44.8	32.6	33.3	32.9	29.3	38.9	16.1	16th	51.9	27th	0.6	0.5	0.6	1.72	1.79	1.76	93	94	94		
March	42.6	43.0	41.9	42.5	36.4	51.1	29.3	5th	59.0	17th	1.8	1.8	1.8	2.38	2.27	2.32	86	85	85		
April	53.6	47.0	43.7	45.3	37.2	54.5	30.0	9th	65.8	19th	3.1	2.3	2.7	2.51	2.34	2.43	78	82	80		
May	54.6	48.6	45.4	47.0	39.5	56.2	28.7	14th	69.3	24th	4.0	2.0	3.0	2.50	2.58	2.54	73	85	79		
June	51.0	58.6	54.2	56.4	48.3	64.9	36.0	10th	79.7	29th	4.7	2.8	3.7	3.57	3.43	3.50	73	81	77		
July	61.1	60.5	57.1	58.8	50.4	68.5	41.8	12th	83.0	14th	5.4	3.6	4.5	3.65	3.64	3.64	69	78	74		
August	52.2	59.5	56.2	57.9	50.4	67.3	42.7	11th	77.2	16th	4.0	1.9	3.0	3.86	3.97	3.92	76	88	82		
September	65.7	56.3	52.5	54.4	47.8	64.4	37.7	13th	71.7	22nd	3.1	1.8	2.4	3.65	3.46	3.55	80	87	83		
October	56.9	48.4	46.9	47.6	42.4	54.4	33.1	19th	63.8	10th	1.5	1.2	1.4	3.03	2.93	2.98	89	91	90		
November	47.6	42.3	42.4	42.4	37.8	47.8	24.8	21st	59.2	1st	0.7	0.9	0.8	2.54	2.51	2.53	94	93	94		
December	29.618	39.1	38.7	38.9	34.9	43.1	20.7	7th	55.9	17th	1.3	1.3	1.3	2.13	2.09	2.11	89	89	89		
Year	29.553	47.9	46.0	46.9	40.8	54.6	—	—	—	—	2.6	1.8	2.2	2.80	2.76	2.78	82.3	86.8	84.6		
15 Years, 1886—1900.	—	—	—	—	40.9	55.5	9.7	Feb. '95	90.9	Aug. '93	—	—	—	—	—	—	—	—	—	—	—

HOLLESLEY BAY.

Heights above Ground:—Barometer, 2 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

1902.	Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	hrs. 79.6	% 32	6.3	7.8	7.1	ins. 0.60	ins. .25	26th	9	3	0	0	1	13	2	5	3	1	1	1	20	23	7	1
February	95.5	35	6.6	6.1	6.4	0.41	.11	22nd	9	5	0	0	6	14	1	5	9	12	5	3	4	6	8	4
March	113.2	30	7.2	5.2	6.2	1.05	.38	14th	14	0	1	1	3	8	2	4	2	1	1	7	15	19	8	5
April	199.6	48	6.0	4.6	5.3	0.61	.22	5th	8	0	0	1	5	7	3	5	14	8	6	6	8	4	3	6
May	181.3	38	8.3	6.0	7.2	2.35	.33	16th	24	0	4	5	0	13	0	12	2	4	2	6	6	14	16	0
June	227.7	46	6.7	5.3	6.0	2.14	.76	13th	12	0	0	3	5	10	0	4	6	13	7	3	9	10	5	3
July	223.5	45	7.3	7.5	7.4	3.17	1.10	1st	9	0	0	5	2	15	0	7	6	1	3	4	11	17	9	4
August	196.0	44	6.2	7.0	6.6	3.19	.70	18th	18	0	0	5	3	11	0	5	4	7	3	6	12	16	9	0
September	185.3	50	6.1	4.4	5.3	1.80	.68	2nd	8	0	0	0	5	4	0	7	7	10	7	4	4	14	5	2
October	67.6	21	7.9	7.3	7.6	1.22	.28	11th	15	0	0	0	2	16	0	4	4	9	3	3	13	16	6	4
November	77.5	30	6.3	6.5	6.4	1.41	.64	30th	11	0	0	0	2	9	2	1	6	14	9	6	14	5	3	2
December	49.8	21	8.0	6.5	7.3	1.29	.33	17th	11	2	0	0	1	15	3	1	9	12	0	4	15	14	6	1
Year	1696.6	39	6.9	6.2	6.6	19.24	—	—	148	10	5	20	35	135	13	60	72	92	47	53	131	158	85	32
— Years, } 18—19—.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

CHELTENHAM -

Long. $2^{\circ} 3' W.$ Lat. $51^{\circ} 54' N.$ Height above Mean Sea Level, 184 feet till March; 213 feet from Sept. Gravity Correction, $+0.19$ in.

[illegible]

ST. DAVID'S (PEMBROKE)

Long. $5^{\circ} 16' W.$ Lat. $51^{\circ} 53' N.$ Height above Mean Sea Level, 215 feet. Gravity Correction, +.018 in.

[illegible]

BERKHAMSTED

Long. $0^{\circ} 34' W.$ Lat. $51^{\circ} 46' N.$ Height above Mean Sea Level, 400 feet. Gravity Correction, $+0.017$ in.

[illegible]

CHEL TENHAM.

Heights above Ground :—Barometer, 11 feet till March ; 17 feet from Sept. Thermometers, 4 feet. Rain-gauge, 1 foot.

[illegible]

ST. DAVID'S (PEMBROKE).

Heights above Ground :—Barometer, 6 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

[illegible]

BERKHAMSTED.

Heights above Ground :—Barometer, —3 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

[illegible]

* The sunshine values at St. David's are those obtained from the sunshine recorder at St. Ann's Head.

KEW

Long. 0° 19' W. Lat. 51° 28' N. Height above Mean Sea Level, 18 feet. Gravity Correction, +017 in.

1902.	Mean Pressure at 32° Fahr.	Air Temperature.										Humidity.								
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.			
					Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
January	ins. 30°143	40°4	41°6	41°0	37°6	45°9	24°1	15th	52°8	10th	1°7	1°8	1°8	in. 216	226	221	87	86	87	
February	29°840	34°0	35°8	34°9	31°6	40°3	17°7	16th	52°6	28th	1°2	1°5	1°4	172	183	178	87	87	87	
March	832	44°1	44°5	44°3	38°3	51°9	30°0	7th	60°0	31st	2°1	2°2	2°2	243	244	244	83	83	83	
April	926	47°6	46°3	47°0	39°8	54°9	32°1	7th	65°6	19th	3°9	3°3	3°6	242	241	242	73	77	75	
May	944	50°2	48°9	49°6	42°2	57°0	32°3	14th	70°2	31st	4°7	2°9	3°8	253	277	265	70	80	75	
June	29°890	59°1	57°3	58°2	51°0	66°2	40°1	10th	80°5	30th	5°0	3°9	4°5	356	358	357	71	76	74	
July	30°003	61°0	60°3	60°7	52°6	69°6	45°6	12th	83°0	14th	5°2	4°7	5°0	378	382	380	71	73	72	
August	29°901	59°8	58°8	59°3	52°8	67°6	44°4	11th	76°5	16, 29	3°4	2°8	3°1	409	410	410	79	83	81	
September	30°044	55°5	54°6	55°1	48°7	64°2	37°0	19th	73°7	22nd	3°0	2°2	2°6	357	364	361	81	86	84	
October	29°963	49°5	49°0	49°3	44°1	55°5	34°9	19th	64°3	10th	2°1	2°1	2°1	302	296	299	86	85	86	
November	29°861	44°1	44°5	44°3	40°2	49°6	29°9	20, 21	58°2	7th	1°4	1°5	1°5	258	259	259	89	88	89	
December	30°028	41°5	41°4	41°5	37°8	45°3	25°7	6, 7	57°1	17th	2°0	1°9	2°0	221	222	222	85	86	86	
Year	29°948	48°9	48°6	48°8	43°1	55°7	—	—	—	—	3°0	2°6	2°8	284	289	287	80°2	82°5	81°4	
30 Years, 1871-1900.	29°934	49°1	48°6	48°9	42°7	56°1	9°4	Jan. '81	92°3	Aug. '76	—	—	—	—	—	—	—	—	—	

NORWOOD

Long. 0° 6' W. Lat. 51° 26' N. Height above Mean Sea Level, 220 feet. Gravity Correction, +017 in.

Height above Mean Sea Level, 220 feet. Gravity Correction, +.017 in.																			
	ins.													in.	in.	in.	%	%	%
January	29.924	40°0	40°9	40°5	36°6	45°9	23°5	15th	52°4	4th	1°5	1°5	1°5	216	225	221	87	88	88
February	631	33°8	35°1	34°4	30°8	40°1	15-7	16th	53°2	28th	0°9	1°1	1°0	176	183	179	91	90	90
March	624	44°3	43°4	43°9	37°7	52°8	29°5	6th	62°4	17th	2°4	2°2	2°3	238	234	236	82	83	83
April	714	48°6	45°4	47°0	39°2	55°8	29°7	7th	68°4	19th	4°8	3°2	4°0	234	233	234	68	77	72
May	734	51°2	47°5	49°3	41°3	58°1	32°0	14th	72°2	27th	5°1	2°3	3°7	255	274	264	68	83	76
June	686	60°5	56°2	58°4	50°1	67°1	40°3	10th	81°4	24, 28	5°7	3°1	4°4	358	364	361	68	80	74
July	794	63°0	59°3	61°1	52°1	71°1	44°5	12, 19	85-6	14th	6°0	4°1	5°1	386	381	384	67	75	71
August	701	61°4	57°9	59°7	51°9	68°8	42°5	11th	78°4	16th	4°2	2°3	3°2	412	410	411	76	85	80
September	835	57°5	53°9	55°7	48°2	65°1	37°1	19th	74°1	22nd	3°7	2°2	3°0	366	355	360	77	85	81
October	750	49°5	48°5	49°0	43°4	55°5	32°3	19th	63°6	10th	1°9	1°9	1°9	305	294	300	86	86	86
November	658	44°9	44°0	44°4	40°3	49°9	27°5	21st	59°4	6th	1°8	1°5	1°6	257	254	255	86	88	87
December	29.812	40°8	40°7	40°8	36°6	44°7	25°5	5th	56°4	17th	1°8	1°8	1°8	218	217	218	85	85	85
Year	29.739	49°6	47°7	48°7	42°3	56°2	—	—	—	—	3°3	2°3	2°8	285	285	285	78°4	83°8	81°1
30 Years, } 1871-1900. }	—	—	—	—	42°2	57°0	—	—	—	—	—	—	—	—	—	—	—	—	—

BRAMLEY (GUILDFORD)

Long. 0° 33' W. Lat. 51° 11' N. Height above Mean Sea Level, 148 feet. Gravity Correction, +015 in.

Height above Mean Sea Level, 148 feet. Gravity Correction, +.015 in.																			
ins.												in.							
January	30.005	39.8	40.4	40.1	35.5	45.9	14.1	15th	57.2	1st	1.6	1.6	1.6	220	223	222	85.5	86.6	86.1
February	29.685	33.6	34.4	34.0	30.0	40.2	12.1	16th	51.8	28th	0.9	0.8	0.9	178	186	182	88.1	91.1	89.6
March	693	44.1	42.4	43.3	35.8	53.0	22.1	24th	59.3	31st	2.1	1.4	1.8	247	248	248	84.8	89.5	87.2
April	778	48.6	44.1	46.4	36.9	55.6	26.1	7th	65.0	19th	3.9	2.1	3.0	256	247	252	74.3	84.5	79.4
May	805	51.6	46.5	49.1	39.4	58.5	28.1	14th	72.0	25th	4.4	1.6	3.0	282	289	286	72.9	88.6	80.8
June	751	59.9	54.4	57.2	48.3	67.1	36.2	10th	84.6	28th	4.7	1.6	3.2	383	383	383	74.3	89.5	81.9
July	871	63.7	57.5	60.6	50.5	71.0	41.9	12th	85.0	14, 15	4.0	1.6	2.8	464	430	447	78.2	90.1	84.2
August	766	61.6	56.7	59.2	50.7	68.8	41.3	9th	80.2	29th	2.5	1.0	1.8	470	433	452	85.3	93.2	89.3
September	904	57.9	52.1	55.0	45.9	66.0	31.6	19th	72.3	22nd	3.2	1.3	2.3	396	361	379	80.9	90.8	85.9
October	819	49.8	46.7	48.3	41.4	56.0	29.1	31st	63.9	10th	1.8	1.3	1.6	317	293	305	87.4	91.3	89.4
November	706	44.0	43.0	43.5	37.9	49.9	25.8	20th	60.1	8th	1.4	1.0	1.2	266	261	264	89.1	91.1	90.1
December	29.889	40.6	39.9	40.3	35.3	45.0	17.3	7th	56.1	17th	1.4	1.3	1.4	231	228	230	87.0	87.3	87.2
Year	29.806	49.6	46.5	48.1	40.6	56.4	—	—	—	—	2.7	1.4	2.1	309	299	304	82.3	89.5	85.9
— Years, } 18—19—, }	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

KEW.

Heights above Ground:—Barometer, 16 feet. Thermometers, 10 feet. Rain-gauge, 2 feet.

1902.	Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	hrs. 46.1	% 18	7.5	6.6	7.1	ins. 0.715	ins. 2.25	1st	9	3	1	0	4	16	1	4	6	1	0	4	23	15	1	8
February	47.2	17	6.7	7.1	6.9	0.855	3.05	24th	12	4	0	0	5	16	1	3	11	8	5	4	3	3	2	17
March	94.0	26	7.9	5.3	6.6	1.750	4.90	14th	13	0	4	1	2	13	0	0	1	2	5	20	10	8	14	
April	133.8	33	7.3	5.8	6.6	0.560	0.85	3rd	12	0	0	0	3	14	1	4	13	4	3	8	5	6	1	16
May	167.3	35	8.4	5.3	6.9	2.400	4.85	17th	22	0	6	3	0	12	0	20	1	3	1	0	8	12	8	9
June	181.0	37	7.1	5.8	6.5	3.705	9.60	13th	20	0	1	6	5	11	0	7	0	14	3	4	12	8	3	9
July	201.9	41	7.1	5.1	6.1	1.135	4.15	1st	9	0	1	2	2	11	1	7	2	2	0	1	14	10	5	21
August	125.7	28	8.2	5.0	6.6	3.470	8.70	18th	23	0	0	1	1	11	0	5	3	3	1	6	15	9	4	16
September	160.9	43	6.5	3.6	5.1	2.495	1.885	10th	11	0	0	1	4	8	0	6	6	7	3	2	6	7	3	20
October	59.9	18	8.3	6.8	7.6	1.390	3.25	15th	22	0	0	1	2	17	0	7	10	4	1	3	9	8	2	18
November	39.7	15	7.7	6.7	7.2	1.580	2.60	24, 29	19	0	0	0	2	15	1	2	5	18	8	8	7	1	0	11
December	32.2	14	7.7	7.9	7.8	1.370	4.90	17th	14	3	0	0	3	20	0	4	11	6	0	3	12	15	5	6
Year	1289.7	29	7.5	5.9	6.7	21.425	—	—	186	10	13	15	33	164	5	69	69	72	27	48	134	104	42	165
35 Years, } 1866-1900.	1459.8*	33*	—	—	—	23.70	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

WOOLACOMBE

Long. 4° 12' W. Lat. 51° 10' N. Height above Mean Sea Level, 59 feet. Gravity Correction, +.016 in.

1902.	Mean Pressure at 32° Fahr.	Air Temperature.								Humidity.									
		9 a.m.		9 p.m.	Mean.		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.		
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 30.126	44.6	44.2	44.4	41.3	47.5	29.2	15th	52.0	1, 9	2.1	1.7	1.9	in. 2.54	in. 2.57	in. 2.56	83.7	86.5	85.1
February	29.748	39.1	38.2	38.7	35.1	43.6	28.0	13th	55.6	24th	2.0	1.7	1.9	2.04	2.02	2.03	82.5	84.4	83.5
March	80.2	45.7	45.2	45.5	42.1	50.0	36.2	7th	55.2	5th	1.6	1.4	1.5	2.27	2.20	2.21	87.8	88.9	88.4
April	85.9	47.9	45.3	46.6	41.2	52.8	36.0	7, 9	60.4	25th	3.4	2.7	3.1	2.59	2.46	2.53	76.7	80.6	78.7
May	95.5	49.7	48.1	48.9	44.8	53.3	38.0	7th	61.0	31st	2.7	2.5	2.6	2.94	2.79	2.87	81.6	82.1	81.9
June	82.3	58.4	55.3	56.9	52.0	63.0	46.2	17th	81.6	28th	3.8	2.5	3.2	3.85	3.71	3.78	78.3	84.4	81.4
July	98.9	59.3	56.4	57.9	53.6	63.6	49.2	12th	71.8	14th	3.4	2.5	3.0	4.07	3.86	3.97	79.8	84.3	82.1
August	85.6	60.9	58.7	59.8	55.4	64.9	50.2	2nd	76.2	16th	2.8	2.0	2.4	4.47	4.34	4.41	83.3	87.2	85.3
September	97.8	59.1	56.7	57.9	53.1	63.7	45.4	13th	71.2	8th	3.4	2.5	3.0	4.04	3.91	3.98	79.7	84.0	81.9
October	91.8	53.3	52.4	52.9	48.9	56.5	39.8	4th	60.0	12th	2.6	2.5	2.6	3.39	3.32	3.36	82.7	83.3	83.0
November	72.6	48.2	47.2	47.7	43.5	51.8	30.6	18th	59.2	7th	2.1	1.8	2.0	2.92	2.87	2.90	84.4	86.0	85.2
December	29.993	43.8	43.6	43.7	39.9	47.1	21.8	7th	55.8	14th	2.1	1.9	2.0	2.47	2.50	2.49	82.8	83.5	83.2
Year	29.898	50.8	49.3	50.1	45.9	54.8	—	—	—	—	2.7	2.1	2.4	3.17	3.09	3.13	81.9	84.6	83.3
— Years, 18—19—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SOUTHAMPTON

Long. 1° 24' W. Lat. 50° 55' N. Height above Mean Sea Level, 78 feet. Gravity Correction, +.016 in.

January	ins. 30.117	41.5	41.7	41.6	37.6	47.1	24.7	15th	55.4	3rd	1.5	1.4	1.5	in. 2.36	in. 2.39	in. 2.38	87.5	88.6	88.1
February	29.774	35.2	36.5	35.9	32.5	41.7	22.1	16th	52.6	28th	0.7	1.1	0.9	1.96	1.97	1.97	92.8	88.3	90.6
March	79.8	45.7	45.0	45.4	39.8	53.9	29.2	6th	62.6	31st	2.1	1.6	1.9	2.63	2.66	2.65	85.5	88.2	86.9
April	87.1	49.5	46.7	48.1	39.9	56.4	30.6	7th	63.9	25th	4.0	3.0	3.5	2.63	2.54	2.59	74.1	79.1	76.6
May	91.6	53.2	49.1	51.2	42.7	59.0	32.4	14th	72.3	24th	4.4	2.4	3.4	3.00	2.98	2.99	73.5	83.8	78.7
June	84.0	60.1	56.8	58.5	51.2	66.1	43.3	18th	82.7	28th	4.6	2.8	3.7	3.88	3.86	3.87	75.1	83.1	79.1
July	96.9	64.8	60.6	62.7	52.9	72.0	45.8	19th	85.4	15th	5.8	3.7	4.8	4.26	4.18	4.22	69.7	78.8	74.3
August	86.1	62.7	59.5	61.1	54.3	69.6	46.3	11th	79.4	29th	3.5	2.2	2.9	4.56	4.41	4.49	80.5	86.5	83.5
September	99.5	59.3	55.5	57.4	50.2	66.3	39.5	19th	72.5	8th	3.7	2.0	2.9	4.00	3.88	3.94	78.6	86.5	82.6
October	91.9	51.5	49.7	50.6	44.8	58.1	36.3	31st	66.6	10th	2.0	1.8	1.9	3.32	3.15	3.24	86.5	87.5	87.0
November	78.6	45.6	45.7	45.7	41.6	51.7	28.8	18th	61.2	1st	1.2	1.2	1.2	2.85	2.87	2.86	91.0	90.9	91.0
December	29.994	41.4	41.4	41.4	37.5	46.4	22.0	7th	56.1	17th	1.1	1.2	1.2	2.44	2.46	2.45	90.6	90.1	90.4
Year	29.903	50.9	49.0	50.0	43.8	57.4	—	—	—	—	2.9	2.0	2.5	3.16	3.11	3.14	82.1	86.0	84.1
30 Years, 1871-1900.	—	—	—	—	43.5	57.5	13.2	Jan. '81	91.7	July '81	—	—	—	—	—	—	—	—	—

ST. LEONARDS

Long. 0° 33' E. Lat. 50° 51' N. Height above Mean Sea Level, 178 feet. Gravity Correction, +.015 in.

January	ins. 29.998	41.1	40.9	41.0	38.3	45.5	30.4	29, 30	50.9	2nd	1.6	1.4	1.5	in. 2.24	in. 2.27	in. 2.26	87	89	88
February	67.4	35.1	35.6	35.4	32.7	39.8	21.4	16th	48.9	28th	1.0	1.0	1.0	1.85	1.91	1.88	90	91	91
March	69.0	44.2	43.9	44.1	39.7	50.7	32.9	5th	56.8	27, 28	1.9	1.9	1.9	2.48	2.45	2.47	85	85	85
April	76.4	47.6	44.7	46.2	41.5	52.3	32.9	7th	61.8	25th	3.5	2.1	2.8	2.49	2.49	2.49	76	85	81
May	78.8	49.6	46.2	47.9	42.2	54.8	34.0	6th	67.9	31st	3.7	1.5	2.6	2.68	2.78	2.73	75	90	83
June	74.0	58.1	55.0	56.6	51.3	63.2	43.3	10th	79.2	28th	4.1	2.5	3.3	3.66	3.62	3.64	75	84	80
July	85.8	62.1	57.8	60.0	53.8	66.5	48.2	21st	76.7	15th	4.5	3.2	3.9	4.15	3.86	4.01	74	81	78
August	76.2	61.3	57.8	59.6	54.0	65.4	42.0	11th	77.3	29th	3.5	2.1	2.8	4.30	4.15	4.23	79	86	83
September	88.7	58.8	55.4	57.1	51.5	63.2	40.9	18th	68.7	9th	3.5	2.3	2.9	3.91	3.74	3.83	79	86	83
October	80.5	50.7	48.9	49.8	45.4	56.0	39.2	17th	63.0	10th	2.2	1.5	1.9	3.15	3.09	3.12	86	90	88
November	71.1	45.8	45.8	45.8	42.6	50.0	27.2	19th	58.6	6th	1.8	1.8	1.8	2.67	2.67	2.67	87	87	87
December	29.881	40.2	40.0	40.1	36.2	44.4	20.9	7th	53.3	17th	1.2	1.3	1.3	2.24	2.20	2.22	90	90	90
Year	29.797	49.6	47.7	48.7	44.1	54.3	—	—	—	—	2.7	1.9	2.3	2.99	2.94	2.97	81.9	87.0	84.5
30 Years, 1871-1900.	—	—	—	—	44.4	55.1	11.8*	Jan. '94	86.6*	July '85	—	—	—	—	—	—	—	—	—

* The extremes of temperature are for 25 years, 1876-1900.

WOOLACOMBE.

Heights above Ground:—Barometer, 20 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

1902.	Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	hrs. 45.9	% 18	7.5	7.4	7.5	ins. 1.15	ins. .26	1st	13	0	3	0	0	15	0	1	9	4	6	3	24	9	6	0
February	92.5	34	6.1	5.4	5.8	1.08	.18	7th	13	4	1	0	3	9	0	1	16	14	18	1	3	1	2	0
March	103.8	29	6.9	6.1	6.5	2.40	.72	26th	18	0	0	0	2	13	1	0	1	6	10	6	18	12	4	5
April	197.8	48	5.3	3.5	4.4	1.29	.26	20th	9	0	1	0	8	2	0	0	19	11	8	2	14	4	2	0
May	194.8	41	6.2	5.7	6.0	2.09	.44	7th	18	0	2	2	2	7	0	4	8	0	1	0	12	17	18	2
June	166.0	34	6.8	6.2	6.5	2.63	.66	12th	18	0	0	0	5	9	0	2	2	11	15	2	11	5	9	3
July	226.3	46	6.0	5.0	5.5	1.92	.95	19th	9	0	0	0	6	7	0	2	4	2	6	3	17	12	11	5
August	164.2	37	6.5	6.0	6.3	1.60	.28	6th	18	0	0	1	1	10	0	1	5	6	10	5	15	8	12	0
September	180.6	48	5.2	4.4	4.8	2.89	.75	9th	14	0	0	3	7	7	1	4	13	11	12	3	6	6	2	3
October	76.5	24	6.8	6.0	6.4	2.58	.82	13th	20	0	0	0	3	10	0	2	13	7	8	2	10	8	10	2
November	65.4	25	6.6	4.5	5.6	3.32	.81	27th	19	0	1	1	3	4	1	0	8	15	22	2	10	0	1	2
December	43.1	18	7.3	5.9	6.6	2.33	.48	28th	15	0	5	2	1	10	3	1	6	17	4	2	12	14	5	1
Year	1556.9	35	6.4	5.5	6.0	2.528	—	—	184	4	13	9	41	103	6	18	104	104	120	31	152	96	82	23
— Years, 18—19—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SOUTHAMPTON.

Heights above Ground:—Barometer, 6 feet. Thermometers, 4 feet 6 inches. Rain-gauge, 1 foot.

Heights above Ground:—Barometer, 6 feet. Thermometer, 100° Fahrenheit. Wind, 8-8.																								
	hrs.	%				ins.	ins.	1st	11	2	0	0	2	17	2	3	10	0	0	2	24	10	13	0
January	52.9	21	8.3	6.4	7.4	1.060	.355	1st	11	2	0	0	2	17	2	3	10	0	0	2	24	10	13	0
February	74.0	27	7.5	7.0	7.3	1.674	.460	23rd	13	8	0	0	4	18	2	5	23	5	10	2	6	0	5	0
March	107.1	29	8.1	6.2	7.2	2.446	.810	14th	13	0	1	1	2	16	2	0	3	2	9	2	23	5	18	0
April	167.0	49	6.7	5.8	6.3	1.726	.550	21st	15	0	0	0	6	12	3	1	20	3	8	1	15	5	7	0
May	170.1	36	7.6	7.3	7.5	2.876	.830	17th	24	0	2	1	2	15	1	8	10	1	0	0	12	8	23	0
June	181.2	37	7.7	6.6	7.2	3.800	.740	13th	19	0	0	1	4	16	0	0	10	4	19	0	16	4	7	0
July	228.5	47	6.5	5.7	6.1	1.725	.370	19th	13	0	0	1	4	9	2	0	8	0	3	1	22	6	22	0
August	154.3	35	8.4	5.8	7.1	3.333	.690	18th	18	0	2	2	2	11	0	2	3	4	7	1	26	3	16	0
September	172.6	46	6.2	4.4	5.3	1.303	.330	11th	15	0	1	1	7	9	1	1	16	2	10	0	14	5	12	0
October	86.9	27	8.3	6.1	7.2	2.332	.600	15th	15	0	0	0	2	18	1	1	19	0	5	1	12	4	20	0
November	63.7	24	8.0	7.0	7.5	3.271	.560	24th	19	0	0	0	2	15	3	0	19	4	17	3	11	4	2	0
December	43.3	18	8.5	6.8	7.7	1.860	.670	1st	12	2	0	0	2	19	2	2	16	3	4	1	18	3	15	0
Year	1501.6	34	7.7	6.3	7.0	27.406	—	—	187	12	6	7	39	175	19	23	157	28	92	14	199	57	160	0
35 Years, 1866-1900.	1667.7*	38*	—	—	—	30.94	—	—	173†	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

EASTBOURNE

Long. 0° 17' E. Lat. 50° 46' N. Height above Mean Sea Level, 39 feet. Gravity Correction, +.015 in.

1902.	Mean Pressure at 32° Fah.	Air Temperature.									Humidity.										
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.				
					Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.		
	ins.																				
January	30.152	42.8	42.7	42.8	39.4	46.8	28.7	15th	52.0	1st	2.0	1.9	2.0	in. 2.38	2.39	2.39	84.0	85.2	84.6		
February	29.818	36.2	37.0	36.6	33.2	41.9	23.0	16th	49.0	28th	1.5	1.4	1.5	1.86	1.95	1.91	85.3	86.3	85.8		
March	30.840	45.3	44.7	45.0	40.2	50.5	33.0	5th	58.4	9th	2.2	2.0	2.1	2.55	2.51	2.53	84.4	85.1	84.8		
April	30.909	47.8	46.2	47.0	41.7	51.7	34.0	7th	58.0	17th	3.1	2.5	2.8	2.64	2.58	2.61	79.0	81.7	80.4		
May	30.935	50.7	47.9	49.3	43.6	54.6	35.0	10, 14	69.3	24th	3.9	2.1	3.0	2.81	2.89	2.85	75.6	85.6	80.6		
June	30.882	56.8	55.8	56.3	51.8	60.6	44.1	10th	72.0	30th	3.2	2.5	2.9	3.75	3.80	3.78	80.6	85.3	83.0		
July	30.998	61.6	59.6	60.6	54.5	65.9	48.0	21st	77.4	15th	4.4	3.2	3.8	4.09	4.15	4.12	73.8	80.6	77.2		
August	29.899	61.9	59.8	60.9	55.2	65.6	47.8	11th	71.0	29th	2.9	1.9	2.4	4.62	4.57	4.60	83.5	88.5	86.0		
September	30.028	59.3	57.2	58.3	52.8	63.2	42.8	13th	68.7	5th	2.9	2.3	2.6	4.24	4.07	4.16	82.7	85.7	84.2		
October	29.948	51.9	50.9	51.4	46.8	56.2	38.3	7th	61.4	10th	2.4	2.6	2.5	3.27	3.10	3.19	84.0	82.6	83.3		
November	29.857	47.7	47.5	47.6	44.0	51.1	30.0	20th	58.0	1, 5, 13	2.0	1.8	1.9	2.91	2.89	2.90	85.4	86.8	86.1		
December	30.025	42.0	42.3	42.2	38.6	46.2	22.0	7th	53.2	17th	1.6	1.5	1.6	2.37	2.46	2.42	86.1	87.4	86.8		
Year	29.941	50.3	49.3	49.8	45.2	54.5	—	—	—	—	2.7	2.1	2.4	3.12	3.11	3.12	82.0	85.1	83.6		
30 Years, 1871-1900.	—	—	—	—	44.2	56.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

PARKSTONE (BOURNEMOUTH)

Long. 1° 56' W. Lat. 50° 43' N. Height above Mean Sea Level, 197 feet. Gravity Correction, +.015 in.

	ins.													in.	in.	in.	%	%	%
January	29.994	41.1	40.8	41.0	37.0	45.9	23.5	15th	52.4	3rd	1.4	1.2	1.3	2.36	2.36	2.36	87.8	89.3	88.6
February	29.636	34.9	35.0	35.0	31.7	41.2	22.0	16th	53.8	28th	1.0	1.2	1.1	1.86	1.83	1.85	87.9	86.9	87.4
March	29.674	45.0	43.7	44.4	38.8	52.9	30.0	26th	61.1	31st	1.8	1.3	1.6	2.62	2.60	2.61	87.5	90.5	89.0
April	29.735	47.2	44.6	45.9	38.5	55.3	30.3	7th	62.8	25th	3.6	2.7	3.2	2.49	2.40	2.45	76.1	80.8	78.5
May	29.794	51.6	46.7	49.2	40.9	58.1	31.0	14th	71.9	24th	4.6	2.0	3.3	2.77	2.80	2.79	71.5	86.4	79.0
June	29.711	58.8	54.1	56.5	49.6	64.8	43.4	17th	79.6	28th	4.0	1.8	2.9	3.84	3.72	3.78	77.6	88.9	83.3
July	29.848	62.7	56.5	59.6	50.6	70.1	44.7	3rd	82.1	15th	5.4	2.3	3.9	4.05	3.93	3.99	71.5	85.7	78.6
August	29.738	60.2	56.8	58.5	51.8	68.0	42.3	2nd	77.5	29th	2.8	1.3	2.1	4.36	4.27	4.32	83.5	91.8	87.7
September	29.864	57.5	53.9	55.7	48.9	65.0	38.2	18th	71.0	8th	3.0	1.4	2.2	3.91	3.82	3.87	81.6	90.2	85.9
October	29.790	50.7	48.4	49.6	43.4	57.0	36.4	31st	63.4	10th	1.3	1.2	1.3	3.40	3.13	3.27	90.8	91.5	91.2
November	29.647	45.5	45.1	45.3	41.2	50.8	28.3	18th	59.3	1st	1.1	1.1	1.1	2.87	2.83	2.85	91.2	91.3	91.3
December	29.871	40.6	40.2	40.4	36.1	45.3	20.3	7th	53.9	17th	1.2	1.2	1.2	2.35	2.33	2.34	88.8	88.5	88.7
Year	29.775	49.7	47.2	48.5	42.4	56.2	—	—	—	—	2.6	1.6	2.1	3.07	3.00	3.04	83.0	88.5	85.8
15 Years, 1886-1900.	—	—	—	—	42.3	57.1	12.6	Feb. '95	87.9	June '93	—	—	—	—	—	—	—	—	—

ROUSDON

Long. 3° 0' W. Lat. 50° 43' N. Height above Mean Sea Level, 515 feet. Gravity Correction, +.015 in.

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EASTBOURNE.

Heights above Ground:—Barometer, —3 feet. Thermometers, 4 feet 3 inches. Rain-gauge, 6 inches.

1902.	Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	hrs. 56.2	% 22	7.5	6.0	6.8	ins. 1.59	ins. .39	1st	11	0	1	0	2	14	2	6	6	1	0	1	16	19	2	11
February	86.9	32	7.4	6.3	6.9	1.71	.35	6th	12	2	0	0	5	16	2	13	11	7	4	3	3	4	1	10
March	136.9	38	6.9	4.9	5.9	1.59	.52	14th	10	0	1	0	4	10	2	0	1	3	2	3	14	20	5	14
April	185.8	45	5.6	4.7	5.2	0.95	.27	22nd	9	0	0	0	7	10	4	4	12	9	3	3	10	9	0	10
May	185.9	39	6.3	4.5	5.4	2.14	.25	29th	19	0	0	3	5	7	0	6	9	4	1	1	9	18	3	11
June	213.6	44	6.4	5.4	5.9	3.29	1.20	30th	18	0	0	3	6	9	0	4	8	8	2	3	10	12	4	9
July	246.0	50	5.5	4.9	5.2	1.24	.25	20th	10	0	0	1	6	8	1	1	7	2	0	6	13	11	4	18
August	185.2	42	6.4	6.0	6.2	3.76	1.08	18th	18	0	0	2	4	8	1	2	5	3	1	7	18	9	3	14
September	199.8	53	4.5	2.9	3.7	0.97	.33	2nd	7	0	0	2	11	5	0	8	11	5	6	2	5	13	2	8
October	88.1	27	7.2	4.7	6.0	2.63	.49	15th	16	0	0	0	3	9	4	5	8	11	1	5	13	8	1	10
November	57.1	22	8.1	6.1	7.1	2.68	.78	8th	15	0	0	0	3	14	8	4	7	6	11	11	5	9	2	5
December	41.5	17	8.1	5.8	7.0	1.91	.65	1st	14	1	2	1	1	13	4	2	13	5	0	3	15	16	4	4
Year	1683.0	38	6.7	5.2	6.0	24.46	—	—	159	3	4	12	57	123	28	55	98	64	31	48	131	148	31	124
35 Years, 1866-1900.	1734.2*	39*	—	—	—	31.42	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

WHITCHURCH

Long. 4° 6' W. Lat. 50° 32' N. Height above Mean Sea Level, 593 feet. Gravity Correction, +014 in.

1902.	Mean Pressure at 32° Fahr.	Air Temperature.										Humidity.								
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.			
					Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
January	ins. 29°557	40°8	40°7	40°8	37°8	44°8	26°0	15th	50°9	2nd	1°3	1°2	1°3	in. °227	in. °228	in. °228	% 89	% 90	% 90	
February	°160	35°9	35°0	35°4	32°0	41°1	21°9	14th	49°8	24th	1°5	1°4	1°4	°182	°176	°179	86	86	86	
March	°237	44°9	42°7	43°8	39°0	50°0	28°8	26th	57°6	7th	1°4	1°2	1°3	°265	°248	°256	89	91	90	
April	°276	46°4	42°6	44°5	38°2	52°1	31°1	13th	59°6	16th	3°0	2°3	2°7	°247	°225	°236	78	82	80	
May	°385	49°7	44°0	46°9	40°2	55°0	32°1	11th	65°2	26th	3°2	1°8	2°5	°278	°248	°263	78	86	82	
June	°260	56°3	52°6	54°4	49°6	60°6	42°1	17th	74°3	28th	3°2	2°1	2°6	°362	°340	°351	80	86	83	
July	°429	60°2	54°5	57°4	49°8	66°4	41°4	22nd	79°9	14th	3°6	2°0	2°8	°410	°367	°389	79	86	82	
August	°309	59°8	55°4	57°6	51°5	64°8	43°0	2nd	76°6	29th	2°7	1°2	2°0	°428	°403	°415	83	92	88	
September	°418	57°5	52°9	55°2	48°9	62°9	39°1	18th	70°4	28th	2°8	1°6	2°2	°391	°357	°374	83	89	86	
October	°353	50°7	47°8	49°2	44°4	54°9	37°1	31st	58°6	23rd	1°4	1°3	1°3	°333	°301	°317	90	90	90	
November	°161	45°3	44°4	44°9	40°9	49°6	25°4	20th	58°1	1st	1°2	1°1	1°2	°274	°267	°271	90	91	90	
December	29°423	40°4	40°3	40°3	36°8	44°3	23°7	7th	53°4	17th	1°2	1°1	1°1	°225	°227	°226	90	91	91	
Year	29°331	49°0	46°1	47°5	42°4	53°9	—	—	—	—	2°2	1°5	1°9	°302	°282	°292	84°6	88°3	86°5	
— Years, } 18—19— }	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

PLYMOUTH

Long. 4° 8' W. Lat. 50° 22' N. Height above Mean Sea Level, 116 feet. Gravity Correction, +015 in.

January	ins. 30.083	43.6	43.9	43.8	40.8	48.1	27.8	15th	53.4	3rd	1.6	1.5	1.6	in. 2.57	in. 2.60	in. 2.59	87.9	88.1	88.0
February	29.687	37.9	37.6	37.8	34.6	43.7	24.8	11th	53.7	24th	1.0	1.3	1.2	2.15	2.05	2.10	91.6	87.7	89.7
March	766	46.5	45.4	46.0	42.4	51.9	30.9	24th	55.9	28th	1.4	1.1	1.3	2.86	2.82	2.84	89.9	91.7	90.8
April	799	48.1	46.2	47.2	41.1	53.2	31.2	13th	57.9	16th	3.6	3.2	3.4	2.58	2.47	2.53	75.8	78.9	77.4
May	913	51.9	47.5	49.7	42.9	55.7	35.5	5.7	65.0	26th	4.2	2.8	3.5	2.88	2.68	2.78	73.5	80.4	77.0
June	779	57.6	55.1	56.4	51.9	61.0	45.8	14th	74.9	28th	3.7	2.8	3.3	3.74	3.61	3.68	78.4	83.3	80.9
July	946	61.5	57.6	59.6	52.3	66.4	42.8	22nd	76.4	8th	4.3	2.5	3.4	4.15	4.03	4.09	76.2	84.5	80.4
August	822	61.9	58.4	60.2	54.3	66.3	45.3	26th	77.2	29th	3.3	1.6	2.5	4.52	4.41	4.47	81.3	89.7	85.5
September	931	59.2	56.2	57.7	51.7	63.9	41.0	18th	69.8	28th	3.1	2.0	2.6	4.13	3.98	4.06	81.5	87.1	84.3
October	870	53.0	51.5	52.3	47.0	57.9	40.0	5th	60.9	23rd	1.9	1.6	1.8	3.54	3.43	3.49	87.5	89.2	88.4
November	680	48.5	48.3	48.4	43.8	52.9	29.3	19th	62.0	1st	1.9	2.0	2.0	3.01	2.97	2.99	86.1	84.9	85.5
December	29.955	43.8	43.6	43.7	40.0	47.2	28.9	6th	54.9	17th	1.5	1.4	1.5	2.61	2.63	2.62	88.0	89.3	88.7
Year	29.853	51.1	49.3	50.2	45.2	55.7	—	—	—	—	2.6	2.0	2.3	3.23	3.14	3.19	83.1	86.2	84.7
30 Years, 1871-1900.	—	—	—	—	45.1	56.8	17.0	Jan. '81	85.1	June '87	—	—	—	—	—	—	—	—	—

FALMOUTH

Long. 5° 4' W. Lat. 50° 9' N. Height above Mean Sea Level, 167 feet. Gravity Correction, +013 in.

January	ins. 30.039	44.7	44.8	44.8	42.1	48.0	32.2	31st	52.9	2nd	2.4	2.3	2.4	in. 2.42	in. 2.46	in. 2.44	82	83	83
February	29.621	38.9	38.8	38.9	36.2	43.4	28.2	10th	53.4	28th	1.9	1.7	1.8	2.00	2.03	2.02	85	86	86
March	715	47.0	45.8	46.4	42.8	51.1	35.6	7th	56.2	31st	2.0	1.7	1.9	2.75	2.69	2.72	86	88	87
April	739	48.1	46.1	47.1	42.1	52.8	36.3	29th	58.5	24th	3.4	2.8	3.1	2.56	2.49	2.53	76	80	78
May	873	51.3	47.5	49.4	44.0	54.8	37.7	11th	63.0	26th	3.9	2.7	3.3	2.82	2.66	2.74	74	82	78
June	715	56.3	54.0	55.2	51.0	59.3	43.2	11th	68.3	27th	2.8	2.0	2.4	3.74	3.60	3.67	82	86	84
July	892	61.0	56.7	58.9	53.1	64.7	47.0	12th	71.0	8th	4.2	2.3	3.3	4.05	3.92	3.99	76	85	81
August	765	61.5	57.8	59.7	54.7	64.9	50.0	27th	71.5	29th	3.3	1.7	2.5	4.39	4.27	4.33	80	89	85
September	869	57.7	56.1	56.9	52.7	62.0	43.9	29, 30	67.1	2nd	2.6	1.8	2.2	4.00	3.98	3.99	84	88	86
October	817	52.5	51.6	52.1	47.9	56.2	40.2	4th	60.0	12th	1.7	1.9	1.8	3.49	3.33	3.41	89	87	88
November	603	48.8	48.1	48.6	45.8	52.4	32.3	19th	59.3	5th	2.0	1.9	2.0	2.97	2.89	2.93	86	86	86
December	29.896	44.9	44.9	44.9	41.9	47.8	32.7	6th	55.0	17th	2.3	2.0	2.2	2.47	2.53	2.50	84	86	85
Year	29.795	51.1	49.4	50.3	46.2	54.8	—	—	—	—	2.7	2.1	2.4	3.14	3.07	3.11	82.0	85.5	83.8
30 Years, 1871-1900.	29.769	51.5	49.9	50.7	46.7	55.2	19.1	Jan. '94	80.1	June '93	—	—	—	—	—	—	—	—	—

WHITCHURCH.

Heights above Ground:—Barometer, 2 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

1902.	Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	hrs. —	% —	7.7	7.1	7.4	ins. 3.25	ins. 1.12	1st	17	6	4	1	2	16	5	3	2	7	6	4	12	12	11	5
February	—	—	6.4	6.4	6.4	2.81	.78	22nd	13	6	3	1	5	13	2	3	7	16	15	7	5	1	1	1
March	—	—	7.7	6.3	7.0	4.20	.85	26th	24	2	7	0	2	15	2	4	0	2	8	7	10	11	19	1
April	—	—	6.9	5.3	6.1	2.97	1.54	21st	14	0	0	0	4	13	9	7	6	15	9	5	7	5	6	0
May	—	—	7.5	5.4	6.5	2.26	.40	17th	22	3	9	1	3	10	3	21	4	1	0	3	3	10	20	0
June	—	—	7.4	7.3	7.3	3.46	.48	30th	21	0	1	0	4	20	1	6	1	7	15	10	7	5	9	0
July	—	—	7.2	5.0	6.1	2.96	.89	19th	13	0	0	0	4	11	2	9	2	1	5	5	7	12	20	1
August	—	—	6.9	7.4	7.2	3.30	.65	17th	20	0	1	5	1	12	0	6	1	4	8	7	13	7	16	0
September	—	—	5.8	4.7	5.2	2.75	.60	2nd	15	0	0	3	9	9	1	5	5	11	13	8	5	4	6	3
October	—	—	7.9	6.6	7.3	4.44	.94	13th	21	0	1	1	1	15	2	4	3	15	10	4	7	5	11	3
November	—	—	7.3	6.6	6.9	7.81	1.73	27th	20	1	1	0	2	11	11	5	4	6	22	7	8	4	2	2
December	—	—	7.8	6.9	7.4	5.67	1.41	1st	17	5	7	2	2	16	8	4	5	13	7	2	8	10	10	3
Year	—	—	7.2	6.3	6.7	45.88	—	—	217	23	34	14	39	161	46	77	40	98	118	69	92	86	131	19
— Years, 18—19—.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

PLYMOUTH.

Heights above Ground:—Barometer, 0 feet. Thermometers, 4 feet 6 inches. Rain-gauge, 10 inches.

January	hrs. 45.6	% 17	7.7	7.2	7.5	ins. 1.61
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LISSAN

Long. $6^{\circ} 45' \text{ W.}$ Lat. $54^{\circ} 41' \text{ N.}$ Height above Mean Sea Level, 300 feet. Gravity Correction, $+0.04 \text{ in.}$

1902.	Mean Pressure at 32° Fahr.	Air Temperature.										Humidity.									
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.				
					Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.		
January	ins.	39°0	38°8	38°9	33°9	43°8	14°0	30th	51°0	3rd	1°1	1°5	1°3	in.	in.	in.	%	%	%		
February	—	36°0	35°7	35°8	30°3	40°7	11°0	13th	51°0	28th	0°5	0°7	0°6	2°03	2°07	2°12	91	88	89		
March	—	43°9	41°3	42°6	37°3	48°7	28°0	24th	57°0	17th	1°9	1°1	1°5	2°45	2°36	2°40	96	94	95		
April	—	46°6	42°9	44°4	36°6	52°2	28°0	6th	58°0	24th	2°9	1°6	2°2	2°52	2°42	2°47	80	87	84		
May	—	48°9	44°6	46°7	39°1	53°5	32°0	13th	65°0	24th	4°5	1°8	3°1	2°44	2°54	2°49	70	86	78		
June	—	56°2	53°3	54°8	48°3	61°9	41°0	10th	78°0	28th	3°3	1°8	2°6	3°60	3°57	3°58	79	88	83		
July	—	56°8	53°4	55°1	48°6	62°5	38°0	24th	70°0	5th	3°3	1°6	2°5	3°67	3°64	3°66	79	90	85		
August	—	56°7	52°7	54°7	48°1	62°7	40°0	30th	70°0	16th	3°1	1°4	2°3	3°71	3°59	3°65	81	90	86		
September	—	55°2	52°2	53°7	46°7	61°8	38°0	17th	69°0	6th	2°1	1°3	1°7	3°76	3°55	3°66	87	91	89		
October	—	49°4	47°7	48°6	42°7	58°9	32°0	11th	60°0	11th	2°5	1°5	2°0	2°92	2°94	2°93	83	89	86		
November	—	44°6	43°2	43°9	38°1	48°8	28°0	28th	55°0	3rd	1°3	1°1	1°2	2°65	2°55	2°60	90	91	90		
December	—	41°0	40°2	40°6	36°2	44°5	22°0	6th	53°0	13th	1°4	1°1	1°2	2°27	2°26	2°26	89	91	90		
Year	—	47°9	45°5	46°7	40°5	52°9	—	—	—	—	2°3	1°4	1°9	2°85	2°79	2°82	84°2	89°8	87°0		
13 Years, 1886-1898.	—	47°4	45°9	46°6	39°8	53°8	—	—	—	—	2°3	1°7	2°0	2°72	2°71	2°71	84	89	86		

ARMAGH

Long. 6° 39' W. Lat. 54° 21' N. Height above Mean Sea Level, 196 feet. Gravity Correction, +.025 in.

[illegible]

MARKREE CASTLE (SLIGO)

Long. 8° 27' W. Lat. 54° 11' N. Height above Mean Sea Level, 122 feet. Gravity Correction, + 0.04 in.

	ins.																		
January	29° 9' 15"	40° 5'	40° 2'	40° 4'	36° 7'	45° 3'	22° 9'	31st	52° 3'	3rd	1° 3'	1° 3'	1° 3'	in. '230	in. '228	in. '229	% 88° 5'	% 89° 1'	% 88° 8'
February	'608	36° 7'	37° 0'	36° 9'	32° 3'	44° 2'	12° 0'	12th	55° 8'	24th	1° 3'	1° 1'	1° 2'	'199	'205	'202	88° 0'	90° 9'	89° 5'
March	'576	45° 4'	43° 3'	44° 4'	39° 4'	50° 0'	29° 9'	24th	56° 8'	16, 17	2° 0'	1° 5'	1° 8'	'261	'251	'256	86° 0'	88° 2'	87° 1'
April	'712	47° 3'	43° 1'	45° 2'	37° 0'	53° 7'	27° 9'	6th	60° 1'	26th	3° 6'	2° 0'	2° 8'	'249	'238	'244	76° 1'	85° 1'	80° 6'
May	'898	49° 9'	46° 1'	48° 0'	41° 4'	54° 8'	31° 5'	10th	63° 9'	24th	3° 5'	2° 0'	2° 8'	'280	'270	'275	77° 2'	85° 4'	81° 3'
June	'723	57° 6'	53° 6'	55° 6'	48° 4'	63° 0'	35° 3'	13th	79° 3'	29th	4° 1'	2° 4'	3° 3'	'369	'356	'363	76° 4'	84° 4'	80° 4'
July	'878	58° 0'	54° 5'	56° 3'	49° 6'	62° 8'	38° 4'	25th	72° 5'	5th	3° 3'	2° 0'	2° 7'	'388	'373	'381	80° 1'	87° 1'	83° 6'
August	'754	58° 2'	54° 0'	56° 1'	48° 4'	63° 0'	35° 3'	30, 31	69° 7'	23rd	3° 3'	1° 5'	2° 4'	'390	'378	'384	80° 1'	89° 8'	85° 0'
September	'878	56° 5'	52° 8'	54° 7'	47° 1'	62° 1'	35° 1'	13th	69° 9'	8th	2° 4'	1° 4'	1° 9'	'391	'366	'379	85° 2'	90° 6'	87° 9'
October	'843	50° 4'	47° 9'	49° 2'	42° 5'	55° 7'	27° 9'	11th	60° 1'	24th	2° 3'	1° 3'	1° 8'	'311	'306	'309	84° 8'	90° 7'	87° 8'
November	'575	44° 8'	43° 2'	44° 0'	38° 6'	50° 1'	25° 6'	29th	58° 3'	3rd	1° 4'	1° 3'	1° 4'	'271	'258	'265	89° 4'	90° 1'	89° 8'
December	29° 8' 33"	41° 0'	40° 7'	40° 9'	37° 1'	45° 8'	20° 5'	8th	55° 5'	16th	1° 4'	1° 5'	1° 5'	'232	'228	'230	87° 5'	87° 6'	87° 6'
Year	29° 7' 66"	48° 9'	46° 4'	47° 7'	41° 5'	54° 2'	—	—	—	—	2° 5'	1° 6'	2° 1'	'298	'288	'293	83° 3'	88° 3'	85° 8'
15 Years, 1876-1890.	29° 7' 35"	48° 1'	46° 0'	47° 1'	40° 4'	54° 1'	—2° 3'	Jan. '81	85° 2'	July '76	2° 3'	1° 5'	1° 9'	'295	'286	'291	84° 6'	88° 7'	86° 7'

LISSAN.

Heights above Ground :—Barometer, 5 feet. Thermometers, 4 feet. Rain-gauge, 5 inches.

[illegible]

ARMAGH.

Heights above Ground :—Barometer, 6 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

[illegible]

MARKREE CASTLE (SLIGO).

Heights above Ground :—Barometer, 5 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

[illegible]

* The sunshine mean is for 20 years, 1881-1900.

† The rain-days' mean is for 30 years, 1871-1900.

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

GLASNEVIN (BOTANIC GARDENS)

Long. 6° 16' W. Lat. 53° 23' N. Height above Mean Sea Level, 67 feet. Gravity Correction, +.022 in.

1902.	Mean Pressure at 32° Fahr.	Air Temperature.										Humidity.									
		9 a.m. 9 p.m. Mean.			Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.				
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.		
January	ins. 30.032	42.0	41.6	41.8	36.0	47.1	21.2	30th	57.0	1st	1.1	1.3	1.2	in. 25.0	23.8	24.4	91.2	89.0	90.1		
February	29.726	37.3	37.8	37.6	33.3	43.7	19.0	14th	56.2	24th	0.9	0.8	0.9	21.2	21.4	21.3	91.7	91.2	91.5		
March	7.00	46.9	43.5	45.2	38.2	52.0	28.6	24th	57.8	17, 27	2.2	1.3	1.8	27.4	25.8	26.6	85.4	89.1	87.3		
April	8.33	47.9	43.1	45.5	37.1	53.3	29.0	7, 10	60.8	24th	3.2	1.8	2.5	25.9	24.3	25.1	78.8	86.7	82.8		
May	9.939	50.7	46.9	48.8	40.7	55.9	32.0	10th	67.9	24th	3.2	1.7	2.5	29.5	28.5	29.0	79.5	88.2	83.9		
June	8.12	57.1	53.6	55.4	48.1	62.0	36.2	10th	74.9	25th	3.0	1.6	2.3	37.5	37.1	37.3	82.0	89.3	85.7		
July	9.50	60.0	56.1	58.1	50.3	65.3	41.0	2nd	74.7	6th	3.2	1.7	2.5	42.6	40.5	41.6	81.4	89.2	85.3		
August	8.26	59.4	55.1	57.3	49.1	64.4	38.2	30th	72.3	18th	2.9	1.2	2.1	42.1	40.4	41.3	83.2	92.3	87.8		
September	9.62	57.4	53.4	55.4	46.8	62.9	37.6	13th	72.3	22nd	2.4	1.4	1.9	40.3	37.4	38.9	84.8	90.9	87.9		
October	8.96	51.3	50.3	50.8	44.3	55.6	33.0	24th	64.6	12th	2.2	1.6	1.9	32.1	32.7	32.4	84.8	88.9	86.9		
November	8.66	46.4	45.8	46.1	40.1	51.4	29.0	27, 29	56.8	1st	1.5	1.3	1.4	28.4	28.2	28.3	88.4	90.5	89.5		
December	29.908	43.1	43.0	43.1	38.9	47.0	27.4	7th	56.8	16th	1.9	1.5	1.7	24.4	25.5	25.0	85.1	88.2	86.7		
Year	29.854	50.0	47.5	48.8	41.9	55.1	—	—	—	—	2.3	1.4	1.9	31.4	30.5	31.0	84.7	89.5	87.1		
20 Years, 1881-1900.	—	—	—	—	41.4	55.6	8.8	Jan. '81	80.6	Aug. '87	—	—	—	—	—	—	—	—	—	—	—

DUBLIN (PHENIX PARK)

Long. 6° 21' W. Lat. 53° 22' N. Height above Mean Sea Level, 155 feet. Gravity Correction, +.022 in.

1902.	Mean Pressure at 32° Fahr.	Air Temperature.										Humidity.									
		9 a.m. 9 p.m. Mean.			Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.				
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.		
January	ins. 29.942	41.4	41.0	41.2	35.9	46.5	20.7	30th	53.9	3rd	1.8	2.0	1.9	in. 23.0	22.1	22.6	85.4	83.3	84.4		
February	6.33	37.0	37.2	37.1	32.4	43.0	19.5	12th	53.9	28th	1.9	1.6	1.8	18.7	19.3	19.0	81.2	84.7	83.0		
March	6.07	45.3	43.0	44.2	37.6	51.5	27.9	24th	57.3	17th	2.5	1.7	2.1	25.0	24.5	24.8	82.1	87.5	84.8		
April	7.37	46.3	42.5	44.4	36.3	52.5	25.7	10th	58.8	24th	3.5	2.2	2.9	23.9	23.4	23.7	76.0	83.4	79.7		
May	8.46	48.9	46.4	47.7	40.4	54.8	30.1	10th	67.0	24th	3.7	2.3	3.0	26.3	26.9	26.6	75.5	83.9	79.7		
June	7.17	56.1	52.4	54.3	47.2	61.6	34.6	10th	76.0	25th	3.7	2.0	2.9	35.9	34.5	35.2	77.8	86.6	82.2		
July	8.56	58.5	55.2	56.9	49.6	64.1	39.4	2nd	72.7	6th	4.0	2.0	3.0	37.7	38.3	38.0	76.3	86.9	81.6		
August	7.41	58.2	54.1	56.2	48.2	63.6	35.2	30th	70.2	18th	3.4	1.5	2.5	39.0	38.1	38.6	79.8	90.5	85.2		
September	8.87	56.5	52.8	54.7	46.5	62.0	37.4	13, 27	68.0	7th	2.6	1.3	2.0	31.0	31.5	31.3	86.2	87.8	87.0		
October	8.23	49.9	49.7	49.8	44.6	54.8	34.3	12th	62.0	12th	2.0	1.8	1.9	31.0	31.5	31.3	86.2	87.8	87.0		
November	8.52	46.0	45.2	45.6	39.5	51.3	29.2	29th	56.5	6th	2.0	1.8	1.9	27.0	26.7	26.9	86.0	86.9	86.5		
December	29.836	42.2	42.0	42.1	37.7	46.5	23.9	7th	56.3	17th	1.8	1.9	1.9	23.7	23.5	23.6	85.5	85.0	85.3		
Year	29.768	48.9	46.8	47.9	41.3	54.4	—	—	—	—	2.7	1.8	2.3	29.2	28.8	29.0	81.3	86.5	83.9		
20 Years, 1881-1900.	—	—	—	—	40.8	55.1	4.0	Jan. '81	82.0	Aug. '93	—	—	—	—	—	—	—	—	—	—	—

DUBLIN (CITY)

Long. 6° 15' W. Lat. 53° 20' N. Height above Mean Sea Level, 47 feet. Gravity Correction, +.022 in.

1902.	Mean Pressure at 32° Fahr.	Air Temperature.										Humidity.									
		9 a.m. 9 p.m. Mean.			Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.				
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.		
January	ins. 30.057	42.4	42.3	42.4	38.5	47.5	26.9	30th	55.6	3rd	1.9	2.2	2.1	in. 23.3	22.8	23.1	85.1	83.6	84.4		
February	29.755	37.8	38.5	38.2	35.0	43.5	22.0	12th	54.4	28th	1.7	1.7	1.7	19.8	20.1	20.0	85.5	85.1	85.3		
March	7.26	45.8	45.0	45.4	40.9	52.5	32.8	24th	58.7	17th	2.6	2.2	2.4	25.0	25.1	25.1	82.0	84.3	83.2		
April	8.60	46.6	45.2	45.9	40.4	53.7	33.0	10th	61.7	24th	3.5	2.9	3.2	23.9	23.7	23.8	76.5	79.1	77.8		
May	9.65	49.3	48.3	48.8	43.4	56.4	36.0	7th	67.9	24th	4.0	3.0	3.5	26.1	26.9	26.5	74.1	79.1	76.6		
June	8.36	56.2	54.9	55.6	50.6	62.7	42.1	10th	74.7	25th	3.3	2.9	3.1	36.2	35.4	35.8	80.4	82.0	81.2		
July	9.70	59.0	57.9	58.5	53.3	65.8	45.1	21st	74.8	13th	4.2	3.0	3.6	37.7	39.1	38.4	75.3	81.5	78.4		
August	8.51	57.8	56.7	57.3	52.3	64.4	44.8	4, 11	71.2	18th	2.9	2.1	2.5	39.2	39.8	39.5	81.8	86.5	84.2		
September	9.85	55.2	54.6	54.9	50.0	62.2	41.6	18th	69.0	22nd	2.0	1.6	1.8	38.2	38.1	38.2	87.4	89.3	88.4		
October	9.16	50.4	50.7	50.6	47.2	56.1	40.3	17th	61.5	12th	2.1	1.8	2.0	31.2	32.4	31.8	86.1	87.5	86.8		
November	8.67	46.8	46.7	46.8	42.8	52.1	35.2	27th	58.9	1st	2.0	2.0	2.0	27.6	27.6	27.6	85.8	86.0	85.9		
December	29.932	43.2	43.3	43.3	40.2	47.9	29.6	7th	58.0	17th	2.2	2.2	2.2	23.8	23.8	23.8	83.3	83.9	83.6		
Year	29.878	49.2	48.7	49.0	44.6	55.4	—	—	—	—	2.7	2.3	2.5	29.3	29.6	29.5	81.9	84.0	83.0		
15 Years, 1876-1890.	29.853	49.3	48.5	48.9	44.0	54.7	13.3	Dec. '82	87.2	July '96	2.9	2.3	2.6	29.4	29.6	29.5	81.3	83.8	82.6		

MONTHLY SUMMARIES.—GLASNEVIN—DUBLIN (PHENIX PARK)—DUBLIN (CITY).

GLASNEVIN (BOTANIC GARDENS).

Heights above Ground:—Barometer, 3 feet. Thermometers, 3 feet 6 inches. Rain-gauge, 1 foot.

1902.		Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
		Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder.	Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	-	hrs.	%	7.5	6.0	6.8	1.64	.65	10th	14	3	1	0	1	4	0	5	6	1	4	0	5	4	29	8	
February	-	—	—	7.2	5.4	6.3	1.68	.83	26th	10	2	2	0	2	6	0	2	6	4	18	1	3	1	11	10	
March	-	—	—	7.6	6.6	7.1	1.85	.45	24th	18	3	3	0	0	5	0	4	0	1	8	0	9	5	30	5	
April	-	—	—	7.1	4.2	5.7	1.87	.56	4th	17	1	2	0	2	2	0	2	9	3	9	1	15	0	14	7	
May	-	—	—	7.8	7.2	7.5	2.87	.65	29, 30	22	0	5	1	0	2	0	7	10	0	2	0	2	4	32	5	
June	-	—	—	7.0	7.0	7.0	2.33	.65	1st	14	0	0	1	1	0	0	4	9	3	13	2	5	0	14	10	
July	-	—	—	7.2	7.4	7.3	2.96	1.13	25th	16	0	0	0	0	2	0	3	8	0	4	0	4	4	32	7	
August	-	—	—	7.5	6.6	7.1	3.51	1.13	6th	19	0	0	0	0	2	0	2	7	4	8	1	4	2	27	7	
September	-	—	—	7.2	6.1	6.7	3.03	1.95	2nd	15	0	0	1	0	5	0	1	10	2	6	2	11	3	17	8	
October	-	—	—	7.5	7.6	7.6	2.73	.57	10th	23	0	0	0	0	6	0	2	8	4	10	1	7	4	19	7	
November	-	—	—	7.7	6.7	7.2	2.74	.73	6th	18	0	0	0	0	10	0	1	5	2	21	3	10	2	10	6	
December	-	—	—	7.9	6.8	7.4	1.54	.25	14th	14	2	2	0	0	7	0	1	2	4	9	3	10	5	24	4	
Year	-	—	—	7.4	6.5	7.0	28.75	—	—	200	11	15	3	6	51	0	34	80	28	112	14	85	34	259	84	
— Years, 18—19—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

BIRR CASTLE

Long. 7° 55' W. Lat. 53° 6' N. Height above Mean Sea Level, 175 feet. Gravity Correction, +.021 in.

1902.	Mean Pressure at 32° Fahr.	Air Temperature.										Humidity.								
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Vapour Pressure.			Percentage.			
					Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
	ins.													in.	in.	in.	%	%	%	
January	- 29° 9'33	40° 4	40° 7	40° 6	35° 9	45° 9	23° 0	31st	51° 8	3rd	1° 2	1° 2	1° 2	2° 33	2° 32	2° 33	90° 0	89° 4	89° 7	
February	- ° 58'5	36° 6	37° 2	36° 9	32° 7	42° 9	10° 9	14th	54° 7	24th	1° 1	1° 0	1° 1	2° 02	2° 08	2° 05	88° 6	90° 4	89° 5	
March	- ° 59'8	45° 2	43° 4	44° 3	37° 8	50° 7	29° 6	22nd	54° 8	16th	1° 6	1° 5	1° 6	2° 57	2° 53	2° 60	88° 3	89° 1	88° 7	
April	- ° 71'1	47° 1	43° 1	45° 1	36° 0	53° 0	27° 0	12th	59° 4	25th	3° 3	2° 0	2° 7	2° 62	2° 40	2° 46	77° 7	85° 6	81° 7	
May	- ° 85'9	49° 9	47° 0	48° 5	40° 6	54° 9	31° 9	7th	63° 1	24th	3° 6	2° 4	3° 0	2° 77	2° 72	2° 75	76° 6	83° 6	80° 7	
June	- ° 68'4	57° 2	54° 3	55° 8	48° 0	61° 8	36° 9	13th	78° 2	27, 29	4° 1	2° 7	3° 4	3° 62	3° 55	3° 59	76° 0	83° 1	79° 6	
July	- ° 85'8	58° 5	56° 1	57° 3	50° 0	64° 8	41° 8	18th	74° 0	14th	3° 5	2° 4	3° 0	3° 89	3° 83	3° 86	78° 7	84° 4	81° 6	
August	- ° 71'8	58° 9	55° 6	57° 3	49° 5	64° 4	37° 0	30th	68° 4	23rd	3° 5	2° 0	2° 8	3° 96	3° 88	3° 92	79° 1	87° 2	83° 2	
September	- ° 84'6	55° 8	53° 1	54° 5	47° 3	62° 7	33° 1	13th	69° 2	2nd	2° 4	1° 7	2° 1	3° 10	3° 61	3° 71	85° 0	88° 5	86° 8	
October	- ° 79'0	49° 6	49° 5	49° 6	44° 5	54° 8	32° 6	11th	59° 0	28th	1° 9	1° 4	1° 7	3° 18	3° 22	3° 16	87° 2	90° 4	88° 8	
November	- ° 52'0	44° 3	44° 5	44° 4	38° 6	50° 2	25° 1	20th	56° 2	1st	1° 3	1° 3	1° 3	2° 69	2° 69	2° 69	89° 7	89° 9	89° 8	
December	- 29° 79'5	41° 2	41° 4	41° 3	36° 9	45° 6	22° 5	8th	54° 7	17th	1° 2	1° 4	1° 3	2° 41	2° 39	2° 40	89° 5	88° 5	89° 0	
Year	- 29° 74'1	48° 7	47° 2	48° 0	41° 5	54° 3	—	—	—	—	2° 4	1° 8	2° 1	2° 98	2° 94	2° 96	83° 9	87° 5	85° 7	
15 Years, } 1876-1890. }	29° 72'3	48° 5	46° 7	47° 6	41° 2	55° 1	5° 0	Jan. '81	89° 1	July '76	2° 5	1° 7	2° 1	2° 96	2° 91	2° 94	83° 6	87° 9	85° 8	

VALENCIA

Long. 10° 15' W. Lat. 51° 56' N. Height above Mean Sea Level, 30 feet. Gravity Correction, +.019 in.

[illegible]

BIRR CASTLE.

Heights above Ground :—Barometer, -2 feet. Thermometers, 4 feet 6 inches. Rain-gauge, 8 inches.

1902.		Bright Sunshine.		Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
		Total.	Per Cent.	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	-	hrs. 39'7	% 16	7'5	6'8	7'2	ins. 3'035	ins. '560	1st	19	3	1	0	6	18	2	0	0	3	13	2	33	2	9	0
February	-	68'5	25	7'0	7'5	7'3	2'004	'485	16th	14	3	0	0	3	14	2	2	11	4	32	1	2	0	3	1
March	-	85'7	24	7'9	6'6	7'3	2'312	'427	26th	21	2	4	0	1	17	2	0	0	1	14	4	29	8	4	2
April	-	201'5	49	4'8	5'4	5'1	1'998	'352	19th	21	0	2	1	3	5	1	1	11	8	17	3	14	5	1	0
May	-	174'0	36	6'9	7'1	7'0	1'990	'178	17th	19	0	2	0	0	10	0	13	3	2	0	1	7	23	13	0
June	-	137'2	27	6'9	6'1	6'5	1'525	'565	1st	14	0	0	0	2	13	0	2	3	9	16	2	3	3	12	10
July	-	141'3	28	7'8	7'0	7'4	1'964	1'150	25th	17	0	0	0	0	15	0	5	1	3	3	0	14	19	8	9
August	-	185'4	41	5'8	6'3	6'1	2'448	'874	5th	14	0	0	0	1	8	0	4	4	5	12	1	11	15	8	2
September	-	146'6	39	6'7	6'1	6'4	1'565	'760	2nd	15	0	0	0	0	8	0	1	4	9	16	1	10	8	5	6
October	-	68'5	21	7'0	8'8	7'9	1'687	'283	25th	20	0	0	0	0	15	1	4	12	7	6	1	12	14	6	0
November	-	69'9	28	7'2	6'6	6'9	4'660	1'500	6th	24	0	0	0	0	7	3	0	2	14	27	2	9	3	3	0
December	-	37'9	17	7'4	7'6	7'5	2'915	'427	15th	18	4	0	0	2	15	6	0	3	8	17	5	13	13	2	1
Year	-	1356'2	31	6'9	6'8	6'9	28'103	—	—	216	12	9	1	18	145	17	32	54	73	173	23	157	113	74	31
15 Years, 1876-1890.	1353'4*	31*	7'4	6'9	7'2	33'002	2'250	Aug. 1889	206'5	16'1	13'1	4'2	27'1	177'0	4'7	35'5	30'5	25'2	96'8	89'0	123'0	78'4	69'0	183'0	

VALENCIA.

Heights above Ground:—Barometer, 15 feet. Thermometers, 4 feet. Rain-gauge, 2 feet.

[illegible]

* The sunshine mean is for 20 years, 1881-1900.

† The rain-days' mean is for 30 years, 1871-1900.

PART III.—ANNUAL SUMMARY of OBSERVATIONS taken at 9 a.m.

Stations.					Air Temperature.										Humidity.								
Name.	Height above Sea Level.	Long.	Lat.	Mean Pressure at 32° Fahrenheit.	Means of			Absolute Min. and Max.			Depression of Wet Bulb.			Vapour Pressure.			Percentage.						
					9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Date.	Max.	Date.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
Deerness	160	2 45 W.	58 56 N.	29.653	45.1	43.9	44.5	40.6	48.3	22.8	Jan. 26th	70.0	June 27th	2.0	1.7	1.9	2.61	2.55	2.58	84.6	86.7	85.7	
Lairg	387	4 24 W.	58 2 N.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Dunrobin Castle	12	3 56 W.	57 59 N.	29.838	46.1	44.6	45.4	39.5	50.1	15.0	Jan. 27th	73.8	June 25th	2.7	2.4	2.6	2.59	2.49	2.54	80.5	81.7	81.1	
Gordon Castle	101	3 5 W.	57 37 N.	29.751	47.0	44.7	45.8	39.2	52.3	9.0	Jan. 31st	81.0	June 27th	3.4	2.6	3.0	2.51	2.45	2.48	75.8	81.0	78.4	
Strathpeffer Spa	253	4 28 W.	57 37 N.	—	45.3	44.0	44.7	39.1	52.6	12.6	Jan. 27th	80.0	June 27th	2.6	2.1	2.4	2.57	2.52	2.55	81.9	84.2	83.1	
Glencarron	489	5 14 W.	57 30 N.	29.315	45.0	43.5	44.3	38.7	50.5	10.9	Feb. 14th	80.6	June 26th	2.8	2.2	2.5	2.45	2.41	2.43	80.3	83.7	82.0	
Aberdeen	46	2 6 W.	57 10 N.	29.784	45.6	44.8	45.2	40.8	50.0	15.6	Jan. 31st	74.0	July 15th	2.9	2.5	2.7	2.48	2.47	2.48	79.3	81.5	80.4	
Fort Augustus	68	4 40 W.	57 8 N.	29.794	45.3	45.2	45.2	39.0	51.9	8.8	Jan. 30th	84.0	June 25th	2.3	2.3	2.3	2.56	2.55	2.55	82.6	82.7	82.7	
Braemar	1,111	3 24 W.	57 0 N.	28.668	42.4	41.6	42.0	35.9	48.5	0.0	Feb. 14th	77.7	June 27th	2.5	2.1	2.3	2.29	2.28	2.29	81.1	83.1	82.1	
Fort William	31	5 7 W.	56 49 N.	29.839	46.3	46.1	46.2	41.4	52.1	12.0	Jan. 30th	80.0	June 26th	2.9	2.9	2.9	2.55	2.53	2.54	79.3	79.3	79.3	
Ben Nevis Summit	4,405	5 0 W.	56 48 N.	25.313	30.5	30.3	30.4	27.3	34.0	6.6	Jan. 26th	66.4	June 28th	0.6	0.4	0.5	1.60	1.62	1.61	91.4	93.6	92.5	
Lednathie	719	3 7 W.	56 45 N.	29.098	43.9	42.2	43.0	35.6	50.4	8.6	Dec. 7th	77.8	June 27th	2.7	1.9	2.3	2.34	2.32	2.33	79.5	84.4	82.0	
Laudale	14	5 41 W.	56 41 N.	29.850	47.9	46.6	47.3	41.4	53.1	16.8	Jan. 30th	83.4	June 28th	2.1	1.9	2.0	2.95	2.84	2.90	84.3	85.0	84.7	
Dundee	160	2 56 W.	56 28 N.	29.718	46.1	44.6	45.4	39.6	51.9	16.9	Feb. 14th	74.6	July 15th	2.3	1.6	2.0	2.72	2.68	2.70	84.2	88.1	86.2	
Ochertyre	329	3 53 W.	56 23 N.	29.532	45.9	43.7	44.8	38.6	53.8	16.0	Jan. 26, 31	80.0	June 25th	2.9	2.1	2.5	2.52	2.45	2.49	79.3	84.1	81.7	
Pottaloch	132	5 30 W.	56 8 N.	29.744	47.7	45.7	46.7	—	53.6	14.0	Jan. 30th	85.0	June 29th	2.1	1.7	1.9	2.90	2.73	2.81	85.3	87.1	86.2	
Glasgow	180	4 18 W.	55 53 N.	29.699	46.2	45.8	46.0	41.7	51.6	14.8	Jan. 31st	81.8	June 25th	2.8	2.3	2.6	2.60	2.64	2.62	80.2	82.4	81.3	
Rothsay	115	5 4 W.	55 50 N.	29.777	46.8	44.7	45.7	40.6	53.8	11.5	Jan. 30th	81.2	June 25th	2.3	1.9	2.1	2.73	2.59	2.66	83.2	85.4	84.3	
Marchmont	498	2 25 W.	55 44 N.	29.366	45.5	44.3	44.9	38.2	51.4	15.0	Feb. 9th	77.0	June 25th	2.5	1.8	2.1	2.57	2.57	2.57	82.6	86.8	84.5	
Wolfelee	587	2 39 W.	55 23 N.	29.300	44.6	42.8	43.7	37.1	52.2	6.5	Feb. 9th	82.5	June 27th	2.1	1.3	1.7	2.54	2.54	2.54	84.9	90.0	87.2	
Cockle Park (Morpeth)	324	1 41 W.	55 13 N.	29.533	46.8	43.6	45.2	38.7	51.5	12.0	Feb. 11th	75.0	June 30th	2.5	1.4	2.0	2.73	2.62	2.68	82.1	88.5	85.3	
Pinmore	187	4 49 W.	55 12 N.	29.705	47.3	45.1	46.2	39.5	54.2	8.0	Feb. 9, 14	86.5	June 28th	2.3	1.5	1.9	2.80	2.71	2.75	83.7	88.0	85.9	
Cargen	72	3 37 W.	55 2 N.	29.824	47.2	46.6	46.9	39.8	53.6	6.0	Feb. 11, 13	84.5	June 28th	2.0	1.8	1.9	2.89	2.83	2.86	85.8	86.8	86.3	
Cally	120	4 11 W.	54 53 N.	29.787	47.8	44.3	46.1	39.1	54.4	10.0	Feb. 14th	84.2	June 28th	1.9	1.7	1.8	2.99	2.80	2.80	86.7	87.4	87.1	
Seaham	139	1 19 W.	54 50 N.	29.767	48.4	46.1	47.3	41.4	52.6	18.0	Feb. 12th	78.0	July 6th	2.8	1.7	2.3	2.85	2.81	2.83	81.2	87.2	84.2	
Durham	336	1 35 W.	54 46 N.	29.534	46.8	44.9	45.9	39.7	52.2	12.8	Feb. 14th	75.6	June 27th	2.4	1.6	2.0	2.78	2.73	2.76	83.9	88.2	86.1	
Rounton (Yorks)	242	1 18 W.	54 24 N.	29.651	46.7	44.5	45.6	39.0	52.7	8.6	Feb. 12th	79.8	June 28th	2.6	1.6	2.1	2.67	2.63	2.65	81.5	87.3	84.4	
Aysgarth	646	1 18 W.	54 18 N.	—	45.7	43.7	44.8	38.6	51.3	16.0	Feb. 13th	78.4	July 5th	2.6	1.8	2.2	2.56	2.53	2.55	80.6	85.2	82.9	
Scarborough	62	0 24 W.	54 18 N.	29.795	46.9	46.7	46.8	41.0	53.2	17.5	Feb. 12th	78.0	July 14, 15	1.9	1.7	1.8	2.86	2.88	2.87	86.0	87.3	86.7	
Cronkbourne	137	4 29 W.	54 10 N.	29.777	48.9	46.7	47.8	42.6	52.9	14.2	Feb. 13th	76.0	June 28th	2.2	1.4	1.8	2.92	2.94	2.98	84.9	89.5	87.2	
York (Museum)	56	1 5 W.	53 57 N.	29.888	47.8	46.7	47.3	41.6	54.8	18.0	Feb. 12, 13	83.0	June 28th	2.5	1.9	2.2	2.82	2.81	2.82	82.9	85.8	84.7	
Stonyhurst	375	2 28 W.	53 51 N.	29.562	46.9	45.7	46.3	41.5	51.9	8.9	Feb. 13th	80.8	June 28th	2.5	2.0	2.3	2.74	2.72	2.73	82.0	85.2	83.6	
Wakefield	96	1 30 W.	53 41 N.	29.844	48.2	46.9	47.6	41.2	54.0	17.2	Feb. 13, 17	82.6	June 28th	2.7	1.9	2.3	2.81	2.83	2.82	81.4	85.7	83.6	
Prestwich	320	2 17 W.	53 32 N.	—	46.5	46.3	46.4	41.1	53.2	9.0	Feb. 13th	83.9	June 28th	2.1	1.9	2.0	2.76	2.77	2.77	85.3	86.0	85.7	
Manchester	190	2 13 W.	53 29 N.	29.744	48.1	46.9	47.5	41.1	53.2	9.0	Feb. 13th	83.8	June 28th	2.1	1.9	2.0	2.76	2.77	2.77	85.3	86.0	85.7	
Bidston (Liverpool)	188	3 4 W.	53 24 N.	29.726	47.6	46.5	47.6	43.2	52.8	17.2	Feb. 13th	81.2	June 28th	2.4	2.0	2.2	2.80	2.88	2.84	82.9	85.8	84.4	
Tealby	251	0 16 W.	53 24 N.	29.666	47.3	45.6	46.5	40.8	53.0	9.7	Feb. 13th	79.1	July 14th	1.7	1.2	1.5	2.94	2.85	2.90	87.8	91.0	89.4	
Sheffield	429	1 29 W.	53 23 N.	29.471	47.6	46.8	47.2	42.0	53.4	20.2	Feb. 17th	81.0	June 28th	2.6	2.1	2.4	2.80	2.85	2.83	81.9	85.1	83.5	
Llandudno	72	3 50 W.	53 21 N.	29.911	49.6	48.6	49.1	44.6	54.7	23.2	Dec. 5th	82.0	June 25th	3.2	2.7	3.0	2.85	2.84	2.84	78.2	81.0	79.6	
Buxton	987	1 54 W.	53 14 N.	28.881	44.8	44.4	44.6	38.4	51.0	3.3	Feb. 13th	77.6	June 28th	2.3	2.2	2.2	2.54	2.50	2.52	83.1	83.2	83.2	
Cheadle	646	1 57 W.	53 08 N.	29.274	45.3	45.2	45.3	40.5	52.4	17.2	Feb. 13th	79.6	June 28th	1.9	1.6	1.8	2.70	2.70	2.70	86.3	87.8	87.1	
Belvoir Castle	259	0 47 W.	52 54 N.	29.656	47.0	46.0	46.5	40.9	53.9	13.0	Feb. 13th	82.0	June 28th	1.8	1.3	1.6	2.91	2.88	2.90	87.8	90.2	89.1	
Hillington	88	0 33 E.	52 48 N.	29.850	47.9	45.9	46.9	40.3	55.3	10.0	Feb. 16th	83.0	July 15th	—	—	—	—	—	—	—	—	—	
Churchstoke	538	3 5 W.	52 31 N.	29.371	47.4	44.6	46.0	39.7	54.0	14.0	Feb. 14th	80.7	July 14th	2.6	1.5	2.1	2.81	2.70	2.76	82.0	87.5	84.8	
Lowestoft	84	1 45 E.	52 29 N.	29.881	49.2	46.6	47.9	42.4	53.0	22.1	Feb. 13th	75.9	June 29th	2.9	1.7	2.3	2.89	2.85	2.87	80.3	87.1	83.7	
Geldeston (Beccles)	37	1 31 E.	52 28 N.	29.914	49.2	46.7	48.0	40.9	55.0	12.0	Feb. 16th	83.8	July 15th	2.7	1.6	2.2	2.96	2.91	2.94	82.3	88.7	85.5	
Birmingham (Edgbaston)	535	1 56 W.	52 28 N.	29.370	46.4	45.3	45.8	41.8	53.7	30.6	Feb. 17th	81.4	July 14th	2.4	2.7	2.6	2.72	2.72	2.74	83.0	81.6	82.3	
Cambridge	83	0 6 E.	52 13 N.	29.880	48.9	47.0	48.0	40.4	57.2	13.0	Feb. 16th	87.0	June 28th	2.5	1.8	2.2	2.93	2.94	2.99	84.1	87.5	85.8	