

STATIONS OF THE SECOND ORDER 1898.

KEY MAP.

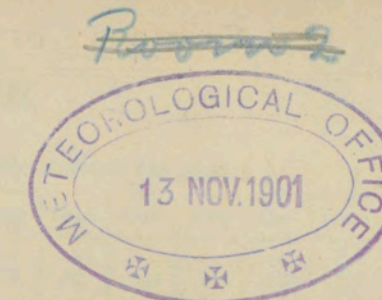
Showing the positions of the Stations,
observations from which are
published in this Volume.

Different type is employed to indicate the
System to which the Station belongs:-
DURHAM Meteorological Office.
Dundee Scottish Meteorological Society.
Scarborough Royal Meteorological Society.



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METEOROLOGICAL OBSERVATIONS

AT

STATIONS OF THE SECOND ORDER

For the Year 1898.

With Frontispiece Map.

Published by Direction of the Meteorological Council.



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TABLE OF CONTENTS, 1898.

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	176
Aysgarth (Yorkshire)													148
Belvoir Castle													158
Ben Nevis													134
Bennington													162
Berkhamsted													166
Bidston (Liverpool)													154
Braemar	2	13	23	33	44	54	65	75	86	96	107	117	132
Bramley													168
Buxton													156
Cargen													144
Cheadle													158
Cheltenham													164
Chester													156
Churchstoke	6	17	27	38	48	59	69	80	90	101	111	122	160
Cockle Park (Morpeh)													142
Cronkbourne (Isle of Man)	5	15	26	36	47	57	68	78	89	99	110	120	148
Deerness (Orkney)	1	11	22	32	43	53	64	74	85	95	106	116	128
Dublin (Botanic Gardens)													178
" (City)													180
" (Phoenix Park)	10	21	31	42	52	63	73	84	94	105	115	126	178
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													146
Eastbourne													172
Edgbaston													162
Edinburgh													138
Falmouth													174
Fort Augustus													132
Fort William													134
Geldeston													162
Gilerux													146
Glasgow	3	14	24	35	45	56	66	77	87	98	108	119	138
Glasnevin (Dublin)													178
Glencarron													130
Glenlee													144
Gordon Castle													130
Heysham (Morecambe Bay)													150
Hillington	6	13	27	37	48	58	69	79	90	100	111	121	158
Hollesley Bay													162
Kew													166
Ladylaw	4	14	25	35	46	56	67	77	88	98	109	119	142
Lairg													128
Laudale	2	13	23	34	44	55	65	76	86	97	107	118	136
Lednathie													134
Lissan													176
Llandudno													156
Londonderry	9	19	30	40	51	61	72	82	93	103	114	124	176
Lowestoft													160
Manchester (City)													152
Marchmont													140
Markree Castle (Sligo)	10	20	31	41	52	62	73	83	94	104	115	125	178
Morecambe Bay (Heysham)													150
Norwood													168
Ochertyre													136
Orkneys (Deerness)	1	11	22	32	43	53	64	74	85	95	106	116	128
Parkstone, near Bournemouth													172
Parsonstown	11	21	32	42	53	63	74	84	95	105	116	126	180
Pinmore													142
Plymouth	8	19	29	40	50	61	71	82	92	103	113	124	174
Poltalloch													138
Prestwich													152
Rede Court (Rochester)													168
Rosewell													140
Rothsay													140
Rounton													146
Rousdon													172
St David's	7	17	28	38	49	59	70	80	91	101	112	122	166
St Leonards													170
Scarborough	4	15	25	36	46	57	67	78	88	99	109	120	148
Seaham													144
Sheffield													154
Southampton	8	18	29	39	50	60	71	81	92	102	113	123	170
Stonyhurst	5	16	26	37	47	58	68	79	89	99	109	121	150
Strathpeffer Spa													130
Tealby													154
Uppingham													180
Valencia													180
Wakefield													162
Whitechurch													174
Woburn (Beds.)													164
Woolacombe	7	18	28	39	49	60	70	81	91	102	112	123	170
York													150

ANNUAL SUMMARY FOR ALL STATIONS	PAGE
SUNSHINE TABLE	182-83
MAP OF STATIONS	184
	Frontispiece

ADDENDA.

- Page 13. Laudale, Remarks,—
 2nd. Insert "X" after "Δ"
 16th. Insert "X"
 25th. Insert "X● (sleet) n"
- Page 15. Cronkbourne, Remarks,—
 2nd. Insert "▲" before "●²"
 4th. Insert "▲" before "X"
- Page 23. Laudale, Remarks,—
 1st. Insert "✓ (gale) p"
- Page 29. Plymouth, Remarks,—
 24th. Insert "Xp"
- Page 36. Cronkbourne, Remarks,—
 13th. Insert "(gale)" after "✓"
- Page 76. Laudale, Remarks,—
 7th. Insert "T" before "●"
 28th. Insert "▲" before "◁"
- Page 81. Southampton, Remarks,—
 16th. Insert "K in past n"
- Page 89. Cronkbourne, Remarks,—
 29th. Insert "(gale)" after "✓"
- Page 118. Laudale, Remarks,—
 2nd. Insert "X" after "▲"
- Page 120. Cronkbourne, Remarks,—
 4th. Insert "(gale)" after "✓"

OBSERVATIONS

AT

STATIONS OF THE SECOND ORDER, 1898.

Introduction.

RETURNS from 81 stations in the United Kingdom for the year 1898 are included in this volume. This is an addition of three as compared with the previous year, one station being omitted and four added.

At Wolfelee, Roxburgh, owing to the death of the Observer, Mr William Cockburn, the observations were suspended during a considerable part of the year, and in consequence no tables for 1898 are available for publication.

The gap thus caused in the A list,—(of stations for which the detailed observations are printed)—has been supplied by the insertion of Ladylaw, a station about 7 miles to the north-west of Wolfelee, the monthly and yearly results from which have been published since 1890.

It is satisfactory to know that the Wolfelee observations (which have been included in this publication since 1886) are available for 1899 and subsequent years.

The stations added to the list are:—

Cockle Park Farm, near Morpeth (the experimental Farm of the Northumberland County Council)—Observer, Mr Geo. P. Berry; Chester—Observer, Rev. J. Cairns Mitchell, B.D.; Hollesley Bay, Suffolk (the Colonial College)—Observer, Prof. C. G. Freer Thonger, M.R.A.C., F.C.S.; and Woburn Farm, Beds. (the experimental Farm of the Royal Agricultural Society)—Observer, Mr Harold H. Mann, B.Sc.

In addition to these changes it must be noted that Mr E. E. Glyde has removed from Tavistock to Whitchurch 3 miles to the eastward and 200 feet higher, where the observations were taken during 1898 with the same instruments as those previously in use, and under conditions as nearly similar as possible.

The 81 stations are distributed as follows:—

25	are in	Scotland,
44	„	England,
3	„	Wales,
and 9	„	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; but it must be observed that the Tables for the several stations follow the order of latitude as in previous volumes.

County.	Station.	Observer.
SCOTLAND.		
Aberdeen	Aberdeen - - -	Prof. C. Niven, M.A., F.R.S.
Argyll	Braemar - - -	James Aitken, J.P.
	Laudale - - -	A. Fletcher (for T. H. G. Newton, M.A., F.R.Met.Soc.).
Ayr	Poltalloch - - -	D. S. Melville (for J. W. Malcolm of Poltalloch).
Banff	Pinmore - - -	Peter Donald (for Captain Hamilton).
Berwick	Gordon Castle - - -	C. Webster (for the Duke of Richmond and Gordon, K.G.).
Bute	Marchmont - - -	John A. Wood.
Cromarty	Rothsay - - -	James Kay (for the Marquis of Bute).
Edinburgh	Strathpeffer Spa - - -	J. Tregelles Fox, M.D.
	Edinburgh - - -	R. C. Mossman, F.R.S.E., F.R.Met.Soc.
Forfar	Rosewell - - -	R. B. Mitchell, M.D.
	Dundee - - -	J. Carnochan.
Inverness	Lednathie - - -	William Morrison (for P. Stormonth Darling).
	Ben Nevis - - -	R. T. Omond, F.R.S.E. (for Directors Ben Nevis Observatory).
	Fort Augustus - - -	Rev. J. Martin Wall (The Monastery).
	Fort William - - -	R. T. Omond, F.R.S.E. (for Directors Ben Nevis Observatory).
Kirkcudbright	Cargen - - -	Alexander Peacock.
	Glenlee - - -	W. Melville.
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	Ladylaw - - -	Thomas Wilson.
Sutherland	Dunrobin Castle - - -	D. Melville (for the Duke of Sutherland, K.G.).
	Lairg - - -	Rev. D. Macrae.
ENGLAND.		
Bedford	Woburn Farm - - -	Harold H. Mann, B.Sc.
Cheshire	Bidston (Liverpool) - - -	W. E. Plummer, F.R.A.S.
	Chester - - -	Rev. J. Cairns Mitchell, B.D.
Cornwall	Falmouth - - -	E. Kitto, F.R.Met.Soc. (for Royal Cornwall Polytechnic Society).
Cumberland	Gilerux (near Maryport) - - -	J. Monkhouse, F.R.Met.Soc., F.R.A.S.
Derby	Buxton - - -	H. Harrison, and H. L. Apthorp.
Devon	Plymouth - - -	H. Victor Prigg, C.E. (for the Corporation).
	Rousdon - - -	The late Sir C. E. Peek, Bart., M.A., J.P., F.R.A.S., F.R.Met.Soc.
	Whitchurch - - -	E. E. Glyde, F.R.Met.Soc.
	Woolacombe - - -	Edward Henshall, A.M.I.C.E.
Dorset	Parkstone - - -	R. Hawkesworth Barnes, B.A., F.R.Met.Soc.
Durham	Durham - - -	H. J. Carpenter, F.R.A.S.
	Seaham - - -	G. H. Aird.
Gloucester	Cheltenham - - -	R. Tyrer, B.A., F.R.Met.Soc.
Hampshire	Southampton - - -	J. T. Cook (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.
Kent	Rede Court (Rochester) - - -	W. Harold Tingey, B.A.
Lancashire	Heysham (Morecambe Bay) - - -	S. Lomas (for Miss L. Grafton).
	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) - - -	George P. Berry.
Rutland	Uppingham - - -	Rev. G. H. Mullins, M.A.
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 Director of the National Physical Laboratory.
Sussex	Norwood - - -	W. Marriott, F.R.Met.Soc.
	Eastbourne - - -	R. Sheward, F.R.Met.Soc. (for the Corporation).
Warwick	St Leonards - - -	H. Colborne, M.R.C.S. (for the Corporation).
Yorkshire	Edgbaston - - -	Alfred Cresswell (for the Midland Institute).
	Aysgarth - - -	Rev. Fenwick W. Stow, M.A., F.R.Met.Soc.
	Rounton - - -	Sir I. Lowthian Bell, F.R.S., F.R.Met.Soc.
	Scarborough - - -	E. W. Ellerbeck, F.R.A.S. (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., 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 - - -	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 J. W. Moore, M.D., F.R.Met.Soc.
	Dublin (Phoenix Park) - - -	Serg. Blight, R.E., and Corpl. Blackmore, R.E. (for Col. Hellard, R.E.).
	Glasnevin (Botanic Gardens) - - -	F. W. Moore, M.R.I.A.
Kerry	Valencia - - -	J. E. Cullum, F.R.Met.Soc. (for the Meteorological Council).
King's Co.	Parsonstown (Birr Castle) - - -	O. Boeddicker, Ph.D. (for the Earl of Rosse, K.P., F.R.S.).
Londonderry	Londonderry - - -	J. Conroy, F.R.Met.Soc.
Sligo	Markree Castle - - -	E. Reynolds and F. W. Henkel, B.A. (for Colonel Cooper, F.R.A.S.).
Tyrone	Lissan - - -	The late Sir Nathaniel Staples, Bart.

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 to this volume indicates the approximate 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 essentially in two parts.

In Part I. detailed observations at 9 a.m. and 9 p.m. each day are given *in extenso* for 21 carefully selected stations. These stations have been selected mainly as representative of the whole country. Regard has, however, been had in their selection to the prospect of the station being permanent.

The stations for which detailed observations are given are indicated in the list by

heavier type, thus—**Deerness**, and as regards them, the list for 1898 is the same as that for 1897 except that, as already mentioned, Ladylaw is substituted for Wolfelee.

Part II. 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 Tension and the Relative Humidity; and additional details of the heights of the instruments are given.

Moreover, in pursuance of the recommendation of the International Meteorological Conference that met in Munich in August 1891, the correction to be applied to the barometer readings, as printed, in order to allow for the difference of Gravity at the station from that at Latitude 45° , is now inserted, as in the volumes for 1889–1897, at the head of the Tables as "Gravity Correction."

It will be noticed that in the list of stations there are included, as in the years 1886–1897, the Observatories, or Stations of the First Order, in connexion with the Meteorological Office. Although the results from these stations, five in number, are already 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.

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 **S**, 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 o'clock 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, or in some other reliable manner.

That given as the height of the station is commonly the height of the ground on which the Rain-gauge stands, which 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

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.

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, and the values stand therefore at Station Level. From the heading of each Table the height of the barometer cistern above the Mean Sea Level can be obtained.

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. When any such difference occurs, the mean, as printed, may be taken as that which is nearer the truth.

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 (at the five observatories at 10 p.m.), 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 Tension, 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 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 6), 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 fairly 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.

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 - - - - - I	‡Solar Corona - - - - - ○
Snow - - - - - *	Dew - - - - - L	‡Solar Halo - - - - - ⊕
*Snow lying - - - - - ☒	†Silver-thaw ("Rauh-frost," "Duft") - - - - - V	‡Lunar Corona - - - - - ⊙
Snow Drift - - - - - †	Glazed Frost ("Glatteis") - - - - - Z	‡Lunar Halo - - - - - ⊕
Hail - - - - - ▲	Thunderstorm - - - - - T	Rainbow - - - - - (
Soft-Hail ("Graupel") - - - - - △	Thunder without Lightning - - - - - A	Aurora - - - - - W
Ice Crystals - - - - - ←	Lightning without Thunder - - - - - ⚡	Dust Haze ("Höhenrauch") - - - - - ∞
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 strong,

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.

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.

* 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.

† "Rauh-frost" or "Duft-anhang" is the phenomenon of the deposition of a large quantity of frozen moisture on trees when the weather suddenly becomes warm after great cold, sometimes called, as above, "Silver-thaw."

‡ 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.

*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 previous 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.

It must be observed, however, that while the period covered by a day of rain is the 24 hours ending at 9 a.m. (or 10 a.m.) on the following day, the days of snow, hail, thunderstorm, and gale, are the civil days ending 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; and the rule followed in their preparation has been to take such directions as S. by E., SE. by E., etc. as S., SE., etc.; while those 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.

It must be observed, however, that for some of the stations in connexion with the Scottish Meteorological Society, 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.

Part III.—Annual Summary.

On pages 182–183 will be found the Annual Summary, showing 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.

In this Summary the stations are arranged in the same order as in Part II., namely, according to latitude, but starting afresh for the Irish stations.

Part IV.—Sunshine.

On page 184 is given a Table showing the number of hours of Bright Sunshine at those stations which are supplied with Sunshine Recorders, together with the percentage of its possible duration.

The form of instrument in most general use is that known as the Campbell-Stokes' Burning Recorder, but at some of the stations Jordan's Photographic Recorder is employed.

In four 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 Aspley Guise as representing Woburn; 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 Council desire to record their thanks for the assistance which has thus been afforded to them in the compilation of appropriate Meteorological records for the United Kingdom, and their appreciation of the unremitting care and attention which the fulfilment of the duties of an observer demands.

DEERNESS.—JANUARY 1898.

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.		Air Temperature.				Humidity.			Wind Direction and Force.		Cloud Amount.	Rain.	Remarks.			
							Dep. of Wet.	Vapour Tension.	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.				
1	ins.	ins.	°	°	°	°	°	in.	in.	%	%			ins.			
2	29.06	29.38	40.3	38.8	36.9	42.9	1.3	1.6	.223	.205	90	87	NW 3	NNE 3	7 9	☐☐	
3	29.61	.85	39.4	39.1	36.5	41.3	2.5	2.9	.193	.184	80	77	NE 4	NNE 2	9 9	☐☐	
4	30.03	.85	36.8	41.2	35.0	42.0	2.2	2.5	.178	.209	81	81	Calm	SE 6	4 10	☐☐ Fine and dry all day.	
5	29.51	.53	44.3	39.0	38.4	45.0	1.5	1.0	.258	.218	88	92	SSW 4	SW 3	10 0	☐☐ showers till 5p. ☐	
6	.60	.53	39.6	40.4	36.2	40.8	1.9	3.2	.206	.189	85	76	SW 2	SSE 4	7 1	☐☐ Fine all day.	
7	.21	.44	44.7	40.5	39.5	47.3	0.7	1.5	.279	.220	94	88	SSW 4	SW 4	8 0	☐☐ showers a. Fine p.	
8	.42	.58	38.3	40.0	34.7	41.5	1.3	2.2	.205	.203	89	82	WSW 4	SSW 4	5 9	☐☐ showers till 4p. ☐	
9	.29	.40	44.4	45.0	39.2	46.3	2.2	2.2	.244	.249	84	84	SSW 6	SSW 5	9 9	☐☐ Mottled sky, greenish horizon.	
10	.52	.61	40.0	41.0	38.8	45.0	1.5	1.9	.248	.239	88	85	SW 5	W 5	10 3	☐☐ Bands of cir. from NNE ga. Fine p.	
11	.57	.65	43.3	43.3	38.6	45.0	1.5	1.9	.248	.239	88	85	SW 5	W 5	10 3	☐☐ Fine a. ☐☐ showers p.	
12	.82	29.67	42.8	46.5	40.0	46.8	1.5	0.5	.243	.304	88	96	W 2	SSW 4	9 10	☐☐ p.	
13	29.94	30.19	44.3	41.4	40.0	49.0	2.3	2.1	.241	.218	82	84	W 4	SW 3	2 0	☐☐ Fine all day. ☐☐	
14	30.01	29.85	46.0	47.7	40.0	49.0	1.0	2.0	.287	.283	93	86	SSW 5	SSW 6	8 9	☐☐ Mottled sky ga. Fine all day.	
15	29.93	30.10	43.3	40.4	39.8	48.6	0.5	0.9	.270	.233	96	93	WNW 4	SW 1	9 0	☐☐ Fine all day.	
16	30.13	30.12	46.3	44.2	39.6	47.0	1.0	1.8	.290	.250	93	86	SSW 2	SSW 4	6 6	☐☐ Very fine and mild all day.	
17	30.03	29.82	42.7	45.7	41.5	45.7	1.7	1.9	.237	.265	86	87	SSW 3	SSW 6	3 4	☐☐ Cir. in bands from ENE ga. ☐☐	
18	29.75	.75	44.8	44.2	41.0	48.8	0.8	0.4	.278	.281	94	97	W 4	S 4	10 10	☐☐ Dull and overcast all day. ☐☐ (gale).	
19	.32	.41	47.2	45.2	43.3	50.0	2.9	2.4	.258	.247	80	83	SSW 8	WSW 7	10 1	☐☐ Mottled and bluish clouds ga.	
20	.23	.54	51.2	41.2	39.2	53.1	3.2	4.0	.297	.182	79	70	SSW 5	W 7	8 0	☐☐ (gale) p. Stars scintillating p.	
21	.82	29.90	40.0	40.2	37.2	42.2	2.2	1.2	.203	.224	82	90	SW 3	SW 3	3 10	☐☐ showers p.	
22	.79	30.00	38.5	36.8	35.8	42.6	1.2	1.6	.209	.188	90	87	W 6	W 1	2 7	☐☐ Snow on hills.	
23	29.96	30.12	34.8	39.8	33.2	40.0	0.8	1.0	.186	.225	92	92	WNW 2	SW 5	8 10	☐☐ showers all day.	
24	30.11	29.96	42.2	47.0	39.0	47.0	0.8	1.9	.252	.277	93	87	WSW 3	WSW 7	10 10	☐☐	
25	29.97	.99	48.0	45.4	44.4	48.6	1.9	2.4	.287	.249	87	83	W 7	WSW 4	9 4	☐☐ Very fine and dry all day.	
26	.84	.70	46.0	48.0	43.0	49.0	2.8	2.9	.248	.265	80	80	SW 3	SW 3	7 10	☐☐ ga. ☐☐ 9p.	
27	.58	29.60	47.8	48.3	46.2	48.6	1.8	0.6	.247	.232	87	96	SW 6	WSW 7	10 10	☐☐ 3p. ☐☐ 11p.	
28	29.83	30.04	43.4	39.8	38.5	48.8	1.6	0.6	.247	.232	87	96	SW 6	WSW 7	10 10	☐☐ Fine all day.	
29	30.10	30.01	45.0	47.0	38.8	47.0	1.0	2.0	.275	.275	92	86	WSW 2	SSW 4	9 8	☐☐ from 4p.	
30	29.77	29.44	47.7	50.3	44.6	51.0	1.4	1.8	.297	.320	90	88	SSW 6	WSW 5	8 10	☐☐ (54 miles per hour) early a. ☐☐	
31	.49	.11	47.2	48.6	45.0	51.6	2.3	0.6	.271	.327	84	96	W 8	WSW 4	8 10	☐☐ (58 miles per hour) 1a. ☐☐ 9p.	
31	29.75	29.52	43.0	44.8	41.0	49.4	3.6	1.8	.204	.255	74	86	WNW 6	SSW 7	8 10	☐☐	
Mean	29.709	29.731	43.3	43.3	39.5	46.5	1.7	1.8	.245	.244	86.8	86.7	4.1	4.3	7.4	6.7	3.545

DUNROBIN CASTLE.—JANUARY 1898.

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°33	29°58	37°0	35°0	32°0	42°0	1°0	2°0	200	164	91	80	N	E	—	—	—	Dull and mild.
2	29°82	30°10	39°0	42°0	32°0	42°8	3°0	4°0	181	190	77	72	N	NE	—	—	—	Fine and mild.
3	30°23	30°09	33°2	38°0	30°0	43°0	1°2	2°0	165	190	87	83	NW	NW	—	—	°080	Dull day.
4	29°76	29°77	42°2	32°0	32°0	43°0	1°2	1°0	243	157	90	87	NW	NW	—	—	—	☐ a.
5	.81	.61	31°2	40°5	31°0	43°5	0°2	2°5	171	202	97	80	NW	NE	—	—	°170	☐☐ Clear and mild.
6	.47	.66	40°5	34°0	34°0	46°0	0°7	1°0	237	176	93	89	SW	NW	—	—	°060	
7	.72	.77	36°8	36°5	32°2	41°0	2°0	1°0	181	197	83	92	W	NW	—	—	—	
8	.50	.66	44°0	44°0	35°0	46°0	3°0	3°2	224	220	77	76	SW	NW	—	—	—	
9	.80	.91	38°0	39°8	36°0	46°0	2°2	3°8	187	174	81	71	W	NW	—	—	—	Fine, clear, and mild.
10	29°83	.99	42°0	46°0	37°0	46°6	2°2	4°0	221	225	84	73	SW	NW	—	—	°140	Dull, with ☐☐ showers.
11	30°05	29°91	38°8	45°0	39°0	51°0	1°0	4°0	217	215	92	72	NW	NW	—	—	—	Fine day.
12	.22	30°41	43°5	37°0	36°0	53°0	2°5	2°0	229	182	80	83	W	NW	—	—	—	Fine day.
13	.26	.13	46°5	49°0	32°0	51°0	1°5	4°0	281	255	98	73	SW	SW	—	—	°150	Fine and mild.
14	.20	.30	48°5	44°0	43°0	49°8	2°7	1°0	277	265	82	92	W	NW	—	—	—	Dull a.
15	.37	.34	41°8	42°2	41°8	49°0	0°6	2°2	251	223	96	84	W	SW	—	—	—	Fine and mild.
16	30°27	30°06	40°0	46°0	37°5	46°0	1°2	3°0	222	244	90	79	SW	SW	—	—	—	Fine and mild.
17	29°98	29°91	50°8	45°2	42°5	51°0	3°0	0°7	296	285	80	95	W	NW	—	—	°120	Dull, with ☐☐
18	.55	.66	47°2	46°8	43°0	54°0	7°2	4°8	179	216	55	68	SW	W	—	—	—	☐☐
19	29°49	29°91	55°0	41°0	40°0	57°0	5°2	3°0	298	197	69	77	SW	W	—	—	°120	☐☐ Fine day.
20	30°09	30°12	33°0	36°8	33°0	42°8	1°0	1°8	167	184	89	85	SW	N	—	—	—	☐☐ showers.
21	.12	.18	41°8	36°8	34°8	45°0	3°0	1°8	191	184	73	85	W	W	—	—	—	☐☐ showers a.
22	.24	.43	35°0	35°2	32°2	38°2	2°8	3°4	151	144	74	70	NW	NW	—	—	°090	☐☐ Dull and mild.
23	.36	.27	37°2	48°0	33°0	49°0	0°2	2°8	218	267	98	80	NW	NW	—	—	—	Dull and mild.
24	.25	30°21	48°8	40°0	39°0	50°8	3°8	2°0	257	207	74	84	W	NW	—	—	—	Fine and breezy.
25	30°10	29°91	47°8	50°0	37°8	50°8	4°3	6°0	236	226	71	63	W	W	—	—	—	☐☐
26	29°84	29°89	50°0	51°2	45°8	51°8	4°0	3°2	265	297	74	79	W	W	—	—	°060	
27	30°06	30°17	45°5	50°8	44°0	52°0	0°7	2°8	289	301	95	81	W	W	—	—	°250	Dull, with ☐☐ showers.
28	.33	30°21	45°8	49°0	45°0	51°8	1°8	3°0	267	276	87	79	W	W	—	—	—	
29	30°05	29°71	48°8	54°0	46°0	54°0	2°0	3°8	297	315	86	75	SW	SW	—	—	—	Mild and windy.
30	29°75	.44	49°0	52°0	46°0	55°0	4°5	2°0	245	335	70	86	SW	W	—	—	°290	Fine and very mild.
31	30°10	29°70	42°0	45°0	40°0	53°0	2°2	1°5	221	264	84	89	W	SW	—	—	°070	Cold, with ☐☐ showers.
Mean	29°968	29°967	42°6	43°0	37°5	48°3	2°3	2°7	228	225	83°1	80°1	—	—	—	—	—	1°900

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

BRAEMAR.—JANUARY 1898.

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.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.							in.	in.	%	%					ins.		
2	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	S	0.5	8	9	—
3	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SE	0.5	SE	0.5	8	7	0.10
4	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SE	0.5	SE	0.5	8	8	0.10
5	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
6	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
7	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
8	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
9	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
10	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
11	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
12	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
13	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
14	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
15	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
16	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
17	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
18	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
19	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
20	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
21	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
22	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
23	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
24	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
25	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
26	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
27	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
28	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
29	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
30	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
31	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10
Mean	28.12	28.33	32.9	37.4	31.7	38.8	0.6	2.9	176	171	93	76	SW	0.5	SW	0.5	9	8	0.10

LAUDALE.—JANUARY 1898.

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°27	29°44	35°0	37°7	31°0	46°6	0°0	1°7	2°04	1°93	100	85	Calm	0	NW	2	5	10	°060	☁ (mist) a. and p.
2	29°71	29°98	42°0	40°2	36°0	43°6	2°2	2°2	2°21	2°05	84	83	E	2	NE	1	10	6	—	☁. Cir. from noon.
3	29°19	30°04	33°8	40°0	32°6	41°0	1°8	3°0	1°58	1°89	81	76	E	1	N	2	0	4	°350	☁. Fine day. Squally
4	29°81	29°81	46°0	42°7	38°0	49°0	2°0	0°7	2°65	2°59	86	94	W	5	Calm	0	10	10	°430	☁. Snow on hills. Squally with
5	°81	°61	33°6	43°0	32°0	43°6	0°6	2°6	1°81	1°23	93	80	Calm	0	SSE	3	1	10	°150	☁. Snow on hills. Squally with
6	°59	°71	42°0	38°3	36°0	50°1	1°0	1°7	2°45	1°98	92	86	SSE	3	E	2	6	0	°350	☁. Snow on hills. Squally with
7	°79	°81	39°0	43°4	36°0	44°7	2°2	2°4	2°03	2°03	83	81	NNW	3	WSW	5	7	6	1-200	☁. Squally ☁. ☐ [showers.
8	°49	°64	47°3	46°0	42°8	48°0	1°9	2°0	2°80	2°65	87	86	W	3	W	2	10	10	°100	☁ at night. ☐ most of day.
9	°83	°92	43°8	43°0	39°0	46°5	3°4	2°0	2°15	2°34	74	84	NW	2	NW	3	6	4	°160	☁. Squally ☁ at night.
10	29°93	29°98	45°7	47°7	42°8	49°4	1°7	2°7	2°68	2°67	88	81	W	4	W	3	10	10	°620	☁. Squally ☁ at night.
11	30°05	30°00	48°8	53°0	46°0	53°9	1°6	2°0	3°05	3°47	88	86	S	2	W	7	10	10	°430	☁. Squally ☁. Fine p.
12	°24	°41	48°2	41°5	37°7	53°2	3°0	1°1	2°65	2°39	79	91	W	3	E	1	7	1	°100	☁. Squally ☁. Fine p.
13	°33	°24	45°9	47°0	40°2	48°0	2°2	1°0	2°60	2°98	85	93	Calm	0	WSW	5	10	10	°100	☁. Squally ☁. Fine p.
14	°22	°34	48°0	47°7	45°4	49°0	1°8	1°4	2°90	2°97	87	90	W	4	W	3	10	10	°020	☁. Cloudy and mild.
15	°41	°39	46°0	46°7	45°3	49°0	2°3	2°7	2°59	2°57	84	81	S	1	Calm	0	10	10	°010	☁. Squally and threatening.
16	°33	°16	45°4	48°5	40°0	49°0	2°4	2°5	2°49	2°80	83	82	SW	3	S	4	9	10	°980	☁. Squally and threatening.
17	30°06	30°01	51°0	49°8	47°0	51°4	3°3	2°0	2°92	2°97	78	87	WSW	4	W	5	10	10	°300	☁. Very stormy n. Squally ☁ (gale)
18	29°69	29°79	49°8	49°8	47°7	52°0	2°1	3°8	3°05	2°67	86	75	W	5	W	5	10	10	°980	☁. Snow on hills. ☁ showers.
19	29°69	29°90	53°2	43°6	42°0	56°4	1°8	1°0	3°55	2°61	88	92	W	3	W	2	10	3	°470	☁. Snow on hills. ☁ showers a.
20	30°08	30°16	44°0	43°5	39°0	51°8	2°0	2°5	2°44	2°29	84	80	N	1	NNW	2	8	10	°150	☁. Snow on hills. ☁ showers a.
21	°19	°22	44°0	41°0	39°0	46°0	2°0	2°0	2°44	2°15	84	84	NNW	2	W	2	8	10	°390	☁. Snow on hills. ☁ showers a.
22	°21	°46	39°0	39°5	38°0	50°0	1°0	2°1	2°18	2°02	92	83	NNW	3	NNE	1	8	8	°010	☁. Snow on hills. ☁ showers a.
23	°42	°38	47°2	50°0	37°0	50°1	0°8	2°0	3°05	3°09	95	86	W	3	W	5	10	10	°030	☁. Snow on hills. ☁ showers a.
24	°38	°31	49°5	48°0	46°5	50°0	2°7	2°0	2°88	2°85	82	86	W	2	W	3	10	10	°020	☁. Snow on hills. ☁ showers a.
25	30°20	°09	48°0	50°1	46°4	50°4	3°0	3°9	2°63	2°63	79	74	SW	1	SW	3	10	10	°010	☁. Snow on hills. ☁ showers a.
26	29°99	°04	50°4	49°9	47°8	51°0	3°4	2°1	2°82	3°06	78	87	W	6	WSW	5	10	10	°040	☁. Snow on hills. ☁ showers a.
27	30°13	°29	51°2	49°0	47°1	51°7	1°3	2°0	3°43	2°98	91	86	W	4	W	4	10	10	°010	☁. Snow on hills. ☁ showers a.
28	°38	30°34	47°0	49°0	43°2	50°0	3°6	1°0	2°41	3°22	75	93	S	4	SW	2	4	10	°040	☁. Snow on hills. ☁ showers a.
29	30°15	29°89	49°3	52°8	48°2	55°0	1°8	1°6	3°06	3°55	88	88	SW	6	SW	6	10	10	°120	☁. Snow on hills. ☁ showers a.
30	29°88	°53	51°0	52°0	49°2	55°0	3°0	0°8	2°99	3°66	80	94	WSW	2	WSW	7	10	10	°380	☁. Snow on hills. ☁ showers a.
31	30°22	29°89	46°3	48°0	43°2	52°4	3°9	1°0	2°30	3°09	74	93	W	4	SSW	6	10	10	°380	☁. Snow on hills. ☁ showers a.
Mean	30°22	30°25	45°6	45°9	41°4	49°7	2°1	2°0	2°61	2°67	84°8	85°4	2°8	3°3	8°4	8°5	7°410			

JANUARY 1898.

DUNDEE.—JANUARY 1898.

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.

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.


LADYLAW.—JANUARY 1898.

Height above Mean Sea Level, 447 feet. Heights above Ground:—Bar., 15 feet. Therms., 4 feet. Rain-gauge, 10 inches.
Long. 2° 47' W. Lat. 55° 28' N. Gravity Correction, +.026 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
							Dep. of Wet.		Vapour Tension.	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.	%	%	SW	I	SW	I	ins.
2	28.82	28.94	42.1	36.6	34.8	47.2	0.5	0.9	257	199	96	92	SW	I	SW	I	0.038
3	29.15	29.44	40.0	40.8	35.4	46.2	0.2	1.4	243	225	98	89	SW	I	SE	I	0.012
4	29.69	29.62	39.4	40.0	35.4	42.2	0.6	0.9	230	228	95	93	E	I	SE	I	0.028
5	29.46	29.35	44.6	44.6	38.4	45.2	0.8	0.8	267	276	94	94	SE	I	SE	I	0.072
6	29.33	29.19	36.0	41.0	34.6	44.8	0.6	0.2	201	253	95	98	SW	I	SE	I	0.202
7	29.16	29.03	47.2	41.2	38.8	50.6	1.1	1.3	298	231	93	90	SW	2	SW	I	0.09n.
8	29.35	29.48	36.2	34.0	32.6	43.4	1.4	0.9	187	178	88	90	SW	2	SW	I	0.09n.
9	29.28	29.27	40.0	40.2	30.6	45.2	1.6	1.8	215	213	87	86	SE	4	SE	4	0.024
10	29.38	29.32	39.7	34.0	31.6	45.2	1.0	1.0	224	216	92	89	SW	I	SW	3	—
11	29.59	29.56	37.4	44.0	30.4	44.2	1.0	0.3	204	281	92	98	SW	I	SW	3	Bright all day but with chilly wind.
12	29.67	29.66	44.8	46.8	42.0	47.4	1.4	1.0	264	296	89	93	SW	I	SW	3	Overcast all day with very cold wind.
13	29.78	30.02	47.0	40.7	39.4	51.2	1.1	1.3	265	226	92	89	SW	I	SW	4	Overcast till 5p.
14	29.96	29.87	47.0	39.0	34.6	49.0	0.7	0.9	306	220	95	93	SW	2	SW	2	0.034
15	29.85	29.94	43.8	36.6	34.6	47.4	1.7	1.4	248	190	87	88	SE	2	SE	2	Overcast all day.
16	29.99	30.03	42.4	39.4	32.2	42.6	1.0	1.1	250	220	92	91	SE	2	SE	2	0.038
17	29.96	29.82	40.2	41.0	35.4	44.2	1.4	1.3	220	229	89	90	SW	I	SW	3	Overcast all day.
18	29.74	29.68	44.2	42.1	37.8	46.2	0.6	1.1	277	244	96	91	SW	3	SW	4	Overcast and very mild all day.
19	29.42	29.40	47.0	50.0	42.1	50.4	1.3	0.6	291	345	91	96	SW	7	SW	5	Overcast all day.
20	29.37	29.43	50.2	49.1	46.3	52.1	0.9	2.2	340	295	94	84	SW	6	SW	1	0.162
21	29.65	29.73	37.8	44.6	35.4	50.4	1.1	1.3	206	267	91	90	SW	2	S	1	0.096
22	29.68	29.82	49.0	44.4	38.6	50.2	1.2	1.2	317	265	92	91	S	3	SW	2	—
23	29.60	30.00	49.2	34.7	31.4	49.2	1.3	1.4	318	174	91	86	W	3	SE	1	0.104
24	30.00	29.90	38.2	45.4	29.2	45.8	1.0	2.0	210	258	92	86	SW	I	SW	1	0.008
25	29.89	29.88	46.8	42.3	40.0	52.2	1.5	1.1	284	246	89	92	SW	I	NW	1	Overcast all day.
26	29.80	29.66	44.1	44.0	34.6	49.2	1.3	1.7	260	250	89	86	W	2	SW	5	Overcast from 10a.
27	29.63	29.61	45.0	45.2	33.6	48.2	1.4	1.5	266	266	89	89	S	1	SW	5	—
28	29.70	29.83	47.2	42.2	40.3	50.1	2.5	1.3	266	241	83	90	SE	3	SW	1	from 7p.
29	29.95	29.95	43.1	45.3	40.6	48.0	1.7	1.3	241	272	86	90	SE	1	SE	3	Overcast all day.
30	29.85	29.56	45.2	49.0	42.1	50.3	1.0	0.6	278	332	93	96	SW	4	SW	4	Dull till 3p.
31	29.45	29.19	51.3	51.0	47.6	54.2	1.3	0.7	344	356	91	95	SW	3	SW	3	—
Mean	29.606	29.620	43.5	42.4	37.0	47.9	1.2	1.1	260	250	91.2	90.9	2.2	2.4	8.4	7.8	1.066

SCARBOROUGH.—JANUARY 1898.

Height above Mean Sea Level, 219 feet. Heights above Ground:—Bar., -6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 24' W. Lat. 54° 18' N. Gravity Correction, +.025 in.

1	29.16	29.24	37.5	43.7	36.5	44.0	0.7	0.4	210	275	94	96	NW	1	Calm	0	7	7	—	 Dull all day.
2	29.39	29.72	44.7	42.3	41.6	46.9	0.5	0.4	284	261	96	97	Calm	0	Calm	0	10	10	201	
3	29.97	29.99	41.8	40.5	40.5	43.3	0.4	0.3	256	245	97	98	Calm	0	Calm	0	10	10	008	
4	29.73	29.73	38.5	45.9	37.4	46.6	0.2	0.4	229	299	98	98	SW	1	Calm	0	10	10	124	
5	29.65	29.50	45.5	47.0	45.2	47.2	0.4	0.5	295	309	98	97	Calm	0	Calm	0	10	10	113	
6	29.51	29.65	49.7	47.5	45.6	51.2	1.4	1.1	321	302	90	93	W	3	W	1	7	9	152	
7	29.66	29.87	40.0	37.1	34.8	49.0	1.8	1.8	211	186	86	84	NW	5	SW	1	2	3	—	
8	29.71	29.66	35.6	37.0	33.5	39.0	1.2	0.7	185	206	89	94	SW	6	S	1	6	8	—	
9	29.65	29.86	39.2	37.7	36.6	42.5	1.7	1.7	206	193	86	85	W	1	W	2	10	5	—	
10	29.01	29.94	35.7	39.2	32.8	41.7	0.8	1.2	193	215	93	90	W	4	SW	3	4	1	—	
11	29.08	29.06	44.7	44.7	35.8	46.0	0.9	1.4	275	246	93	89	W	3	W	5	6	5	—	
12	29.36	29.36	48.7	46.2	45.0	51.0	4.4	0.9	243	292	71	94	W	6	W	2	5	4	—	
13	29.19	29.30	40.7	40.2	39.2	46.2	1.5	2.4	223	201	88	81	W	1	W	1	7	3	—	
14	29.36	29.36	37.4	40.2	33.8	41.5	1.4	3.0	220	175	89	76	W	1	W	2	9	9	—	
15	29.34	29.21	37.6	32.9	32.9	41.2	0.5	0.0	215	187	96	100	Calm	0	SW	4	10	5	—	
16	29.12	29.12	31.7	38.7	31.3	40.0	0.1	0.4	176	227	99	96	W	3	W	1	8	3	—	
17	29.90	29.89	43.2	49.7	38.7	50.5	0.4	0.2	270	252	96	99	SW	3	SW	5	5	4	—	
18	29.79	29.85	50.2	50.2	48.0	51.0	1.4	1.9	327	312	91	87	SW	3	W	1	7	6	—	
19	29.00	29.04	50.6	48.6	47.0	54.5	0.9	1.4	345	307	94	90	W	1	W	1	7	7	—	
20	29.07	29.18	50.6	44.7	44.0	55.0	1.4	0.9	331	275	90	93	W	3	Calm	0	5	4	—	
21	29.08	29.35	48.6	45.7	43.0	53.5	2.8	2.4	274	252	81	83	W	3	Calm	0	4	4	—	
22	29.33	29.26	45.9	45.7	31.3	50.5	3.5	3.4	232	232	76	77	SW	2	W	1	7	4	—	
23	29.19	29.04	44.7	37.8	37.8	50.9	3.4	1.3	223	201	76	89	W	1	Calm	0	4	1	—	
24	29.16	29.04	41.6	41.5	35.2	45.2	2.3	1.1	215	238	82	92	SW	1	SW	3	10	1	—	
25	29.01	29.15	43.7	41.5	41.5	50.9	2.5	1.1	231	238	80	92	W	3	W	1	3	1	—	
26	29.04	29.31	41.8	41.5	39.3	43.0	1.6	1.9	231	223	88	86	W	1	W	2	10	7	—	
27	29.26	29.30	42.1	49.7	40.1	50.3	2.5	2.7	216	290	81	82	SW	3	WSW	4	10	10	001	
28	29.85	29.56	51.1	55.5	48.3	56.1	1.6	3.0	334	356	87	81	W	2	W	7	10	7	—	
29	29.97	29.97	44.9	44.5	42.9	55.5	4.9	3.1	227	227	87	77	NW	5	W	4	1	7	—	
Mean	29.969	29.988	43.3	43.4	39.3	47.9	1.6	1.4	249	253	88.3	89.3	2.3	1.6	6.9	6.0	6.0	6.19	—	Fine, then dull.

JANUARY 1898.

CRONKBORNE.—JANUARY 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
							Dep. of Wet.		Vapour Tension.		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.	°	°	31° 9	45° 8	0° 2	0° 9	in.	in.	%	%	NNW 1	SE 3	7	10	ins.
2	29° 18	29° 29	34° 0	45° 2	31° 9	45° 8	0° 2	0° 9	° 192	° 280	98	93	SE 2	ENE 2	10	10	° 032
3	° 52	° 78	44° 6	44° 8	40° 9	46° 0	0° 9	0° 2	° 274	° 293	94	99	ENE 3	S 3	10	10	° 822
4	° 99	° 95	43° 4	48° 0	41° 6	48° 0	0° 2	0° 0	° 276	° 335	99	100	WSW 4	WSW 3	9	10	° 050
5	° 90	° 76	48° 3	48° 8	46° 0	49° 2	1° 1	0° 6	° 311	° 331	92	95	ENE 2	WSW 3	10	10	° 427
6	° 64	° 54	45° 9	52° 0	41° 8	52° 8	0° 1	1° 2	° 308	° 356	99	92	WSW 3	WNW 2	7	10	° 416
7	° 65	° 67	50° 0	46° 8	46° 2	52° 4	0° 9	0° 8	° 337	° 301	94	94	WNW 4	SW 3	1	10	° 098
8	° 82	° 87	42° 0	45° 1	39° 4	47° 0	1° 7	2° 6	° 231	° 242	87	81	SSW 5-6	SSW 2	10	10	° 003
9	° 67	° 65	48° 2	45° 8	44° 2	48° 4	1° 5	0° 6	° 300	° 293	90	95	NW 2	N 1	9	2	° 122
10	29° 78	29° 93	45° 0	35° 0	35° 0	47° 2	1° 0	0° 8	° 275	° 188	92	92	SW 2	WSW 5	8	10	° 002
11	30° 01	30° 03	42° 9	48° 0	32° 2	48° 0	0° 6	2° 0	° 263	° 285	95	86	SW 3-4	SW 3	10	10	° 026
12	° 12	° 12	48° 7	50° 2	46° 4	50° 2	0° 6	0° 2	° 328	° 358	96	99	SW 3	WSW 2	10	10	° 014
13	° 25	° 38	50° 0	50° 0	47° 0	51° 4	0° 0	0° 0	° 361	° 361	100	100	SSW 3	SSW 3	10	3	° 017
14	° 38	° 28	49° 3	48° 0	48° 0	50° 4	0° 4	1° 2	° 341	° 304	97	92	SW 2	Caln 0	10	10	—
15	° 27	° 31	47° 2	45° 0	44° 1	48° 0	1° 9	0° 2	° 280	° 297	87	98	S 3	SSW 1	9	10	—
16	° 40	° 41	45° 0	41° 0	41° 0	47° 2	0° 8	1° 2	° 280	° 231	94	90	SSE 2	SSW 2	10	10	—
17	° 36	° 24	45° 8	46° 0	40° 2	46° 0	0° 8	0° 8	° 289	° 292	94	94	SSW 4	SSW 4	9	2	—
18	30° 16	30° 09	48° 3	48° 0	45° 1	51° 1	1° 2	0° 8	° 309	° 314	92	94	SSW 5-7	SW 5	10	10	° 214
19	29° 90	29° 88	50° 0	51° 0	47° 2	51° 0	0° 3	0° 2	° 353	° 369	98	99	SW 5	WSW 3-4	10	10	° 028
20	29° 87	29° 87	51° 7	54° 0	50° 2	54° 0	0° 1	1° 0	° 379	° 388	99	93	SW 1	Caln 0	10	10	° 090
21	30° 04	30° 12	48° 8	48° 0	48° 0	54° 0	0° 1	0° 2	° 343	° 330	99	99	WSW 3	WSW 3	8	10	° 012
22	° 19	° 20	50° 0	48° 8	46° 0	52° 1	1° 2	0° 7	° 329	° 327	92	95	W 6-7	NNE 1	10	5	—
23	° 38	° 50	44° 6	42° 6	51° 6	51° 6	0° 2	1° 2	° 362	° 247	98	90	W 1	W 2	10	10	—
24	° 41	° 39	48° 2	47° 0	35° 0	49° 6	0° 2	1° 0	° 332	° 298	99	93	WSW 2	WSW 3	10	10	—
25	° 37	° 32	46° 6	46° 0	44° 9	47° 9	1° 8	1° 5	° 276	° 276	88	90	SW 4	WSW 2	4	10	—
26	° 22	° 13	48° 7	45° 8	51° 2	51° 2	1° 1	2° 1	° 317	° 293	92	85	WSW 3	SW 3	9	10	—
27	° 11	° 11	48° 8	49° 4	45° 3	50° 6	1° 6	2° 2	° 305	° 298	88	85	WSW 4	WSW 2	4	10	—
28	° 19	° 26	48° 3	47° 2	44° 8	51° 8	1° 6	1° 8	° 299	° 282	89	88	WSW 3	SW 4	10	10	—
29	° 37	° 37	47° 9	49° 1	44° 9	49° 6	2° 7	0° 2	° 269	° 344	81	98	SSW 3-5	WSW 3	10	10	—
30	30° 30	30° 06	48° 8	52° 0	47° 6	52° 0	0° 6	1° 0	° 317	° 361	95	93	WSW 4	WSW 5-6	10	10	° 371
31	29° 90	29° 70	52° 0	52° 8	50° 4	55° 4	1° 0	1° 3	° 361	° 364	93	91	WNW 5-7	SSW 5-6	3	10	° 058
Mean	30° 18	30° 07	45° 2	48° 4	43° 0	52° 8	3° 0	0° 4	° 235	° 330	78	97					° 222
Mean	30° 041	30° 037	47° 2	47° 5	43° 4	50° 1	1° 0	0° 9	° 304	° 309	93° 2	93° 2	3° 1	2° 7	8° 8	9° 1	2° 804

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

HILLINGTON.—JANUARY 1898.

Height above Mean Sea Level, 88 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 33' E. Lat. 52° 48' N. Gravity Correction, +0.21 in.

Day.	Barometer at 32° Fahr.		Air Temperature.					Humidity.			Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	Percentage.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	
1	ins.	ins.	40.9	41.0	37.1	46.2	0.3	0.3	in.	in.	%	%				ins.
2	29.29	29.31	41.0	41.0	37.1	46.2	0.3	0.3	in.	in.	%	%				2 a. Fine and sunny a.
3	29.48	29.89	41.9	35.8	35.8	44.3	0.2	0.1	2.49	2.50	98	98				early a. Overcast and damp.
4	30.12	30.12	36.8	37.9	33.1	41.4	0.1	0.2	2.61	2.61	99	99				early a.
5	29.82	29.95	35.9	43.9	32.0	44.4	0.2	1.0	2.27	2.25	99	98				early a. Overcast and damp all day.
6	29.79	29.79	35.3	43.9	42.0	51.4	0.1	0.3	2.64	2.64	99	98				early a. and p.
7	29.83	29.83	35.9	43.9	42.0	51.4	0.1	0.3	2.64	2.64	99	98				Very pleasant day.
8	29.83	29.83	35.9	43.9	42.0	51.4	0.1	0.3	2.64	2.64	99	98				Very fine and sunny. p.
9	29.79	29.79	35.9	43.9	42.0	51.4	0.1	0.3	2.64	2.64	99	98				Very fine and sunny. p.
10	30.10	30.17	31.0	32.3	30.9	40.4	0.3	0.4	2.17	2.17	96	96				Overcast all day. (mist) p.
11	29.26	29.31	38.9	43.5	30.5	45.5	1.2	2.7	2.13	2.25	91	80				Overcast all day.
12	29.39	29.48	43.7	45.1	41.5	50.4	1.0	0.3	2.62	2.93	92	97				Overcast all day.
13	29.51	29.43	40.2	42.8	38.6	46.4	0.0	0.2	2.49	2.71	100	99				Wet early a. Overcast all day.
14	29.35	29.40	41.9	40.0	39.3	44.1	0.2	1.3	2.61	2.20	99	90				Overcast all day.
15	29.50	29.52	40.0	40.5	36.1	42.8	1.7	1.7	2.13	2.17	86	87				Overcast all day.
16	29.49	29.49	37.9	37.0	36.8	41.5	0.8	0.3	2.12	2.14	93	97				Overcast all day.
17	29.35	29.28	33.3	34.4	32.1	38.2	0.4	0.2	1.82	1.94	96	98				Wet early a. Overcast all day.
18	29.22	29.15	40.0	47.9	34.0	50.4	1.2	1.4	2.42	2.99	98	91				Wet trees dripping.
19	29.14	29.09	48.9	50.7	46.0	52.6	1.5	2.1	3.08	3.16	90	86				Cloudy and very mild.
20	29.18	29.25	49.9	48.9	47.5	54.4	1.1	0.3	3.39	3.39	93	88				Very pleasant day.
21	29.27	29.33	48.6	48.0	47.2	52.5	0.6	0.3	3.27	3.28	96	89				Cloudy and very warm.
22	29.23	29.43	48.1	42.2	42.0	51.0	2.5	1.4	2.75	2.38	82	89				Overcast all day.
23	29.49	29.42	32.1	42.5	31.8	43.5	0.2	0.7	1.76	2.57	98	94				Overcast all day.
24	29.37	29.36	43.9	43.6	42.0	46.5	2.1	1.8	2.40	2.44	84	86				Wet, then fine and sunny.
25	29.35	29.25	41.3	43.0	37.8	44.7	2.6	1.4	2.08	2.46	80	89				Overcast and gloomy all day.
26	29.24	29.22	43.1	43.2	42.1	44.6	2.4	2.2	2.27	2.32	81	83				Overcast all day.
27	29.26	29.34	44.2	38.5	38.0	48.6	2.2	0.9	2.41	2.15	83	93				Overcast all day.
28	29.47	29.51	41.1	39.7	37.9	42.4	2.3	2.8	2.11	1.90	82	77				Overcast all day.
29	29.49	29.32	33.6	45.0	32.0	45.4	0.9	2.3	1.74	2.47	90	83				Fine red sunset. p.
30	29.12	29.87	50.3	53.7	43.7	56.3	1.1	2.0	3.35	3.57	92	86				Very fine and sunny.
31	30.16	30.24	44.6	41.3	40.0	54.6	3.1	1.7	2.28	2.25	77	87				
Mean	30.161	30.171	41.5	41.9	37.5	46.7	1.1	1.0	2.43	2.49	91.7	92.3		1.6	1.6	1.530

CHURCHSTOKE.—JANUARY 1898.

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	28.76	28.83	33.9	38.8	31.9	43.6	1.0	0.9	1.74	2.18	89	93	W	1	W	1	10	10	0.40	
2	29.08	29.36	39.0	41.0	38.4	41.6	0.1	0.6	2.36	2.43	99	95	E	1	Calm	0	10	10	0.30	
3	29.59	29.59	40.8	33.3	31.0	46.0	0.4	0.3	2.46	1.84	99	97	E	1	Calm	0	10	10	0.30	
4	29.57	29.41	45.8	47.9	31.4	49.0	1.7	1.0	2.69	3.08	88	93	SW	2	SW	2	10	10	0.72	
5	29.24	29.18	49.1	52.1	46.9	54.1	0.7	1.6	3.30	3.46	95	89	SW	2	W	3	10	6	0.72	
6	29.30	29.29	46.8	44.8	43.5	53.1	1.7	0.9	2.79	2.76	88	93	W	2	S	1	2	9	0.72	
7	29.42	29.51	39.4	35.1	33.2	46.6	2.3	1.0	1.96	1.84	82	90	WNW	2	W	2	0	0	0.72	
8	29.36	29.44	40.8	41.0	31.9	44.0	2.9	0.3	1.97	2.50	72	98	SE	1	SE	1	2	8	0.72	
9	29.31	29.51	40.0	34.1	33.8	42.9	0.9	0.2	2.28	1.93	93	98	E	1	W	1	10	2	0.40	
10	29.65	29.11	43.0	38.0	44.9	44.9	0.2	1.5	1.54	2.44	95	88	W	1	SW	1	0	9	0.40	
11	29.78	29.80	43.7	45.8	41.9	47.3	1.3	1.7	2.55	2.69	89	88	SSW	2	SW	3	10	10	0.40	
12	29.90	29.03	48.9	38.0	35.6	55.1	2.4	0.1	2.87	2.27	84	99	WSW	2	E	1	8	10	0.40	
13	29.01	29.90	42.2	39.0	38.0	47.9	0.9	0.1	2.49	2.36	92	99	SW	1	W	1	9	2	0.40	
14	29.97	29.92	28.3	36.1	27.5	40.3	0.4	0.6	1.43	2.00	93	95	Calm	0	SE	1	10	10	0.40	
15	29.97	29.97	36.1	37.4	35.4	38.2	1.4	0.5	1.85	2.14	83	95	SE	2	SE	1	10	10	0.40	
16	29.96	29.87	34.9	32.1	31.4	38.5	1.0	0.2	1.83	1.76	90	98	SSE	2	SE	1	8	0	0.40	
17	29.82	29.74	31.1	45.0	28.0	45.3	0.2	1.1	1.70	2.73	98	91	E	2	SE	2	8	10	0.10	
18	29.63	29.61	47.7	48.7	45.0	50.3	2.4	1.8	2.74	2.98	83	87	SW	3	SW	4	10	8	0.10	
19	29.57	29.60	52.7	50.9	48.7	53.7	1.9	1.5	3.46	3.34	87	90	SW	3	SW	4	9	10	0.10	
20	29.66	29.77	52.4	50.9	50.9	57.4	1.4	1.1	3.56	3.44	90	93	SW	2	NE	2	8	3	0.10	
21	29.83	29.86	50.5	48.9	47.2	55.1	1.7	0.7	3.23	3.28	89	95	W	2	W	1	8	10	0.10	
22	29.80	29.98	48.3	42.6	40.4	50.7	3.6	2.7	2.55	2.17	75	80	W	3	W	1	9	4	0.10	
23	29.00	29.98	41.3	45.3	38.5	49.9	0.4	2.0	2.51	2.57	97	85	SE	1	SE	2	10	10	0.10	
24	29.96	29.90	43.0	43.0	42.2	47.1	1.6	1.3	2.42	2.48	87	90	WNW	1	Calm	0	10	10	0.10	
25	29.86	29.77	42.8	44.0	41.1	46.3	0.9	2.3	2.55	2.37	93	82	SW	1	SW	2	9	10	0.10	
26	29.75	29.74	43.6	46.8	42.8	46.9	1.5	3.1	2.50	2.49	88	78	WSW	1	W	2	10	10	0.10	
27	29.80	29.89	45.7	41.2	41.1	47.3	2.9	2.3	2.42	2.12	80	85	SW	1	SW	2	9	10	0.10	
28	29.98	29.98	41.7	39.0	42.9	42.9	1.9	1.6	2.07	2.30	85	88	SW	1	SW	1	10	10	0.10	
29	29.96	29.79	41.0	51.1	38.2	51.3	1.6	2.1	2.23	3.21	87	85	SSW	2	SW	3	9	8	0.10	
30	29.63	29.44	52.1	53.1	50.0	56.3	1.3	2.9	3.55	3.47	91	84	SW	4	SW	6	10	8	0.10	
31	29.87	29.73	45.3	44.0	44.0	54.0	3.4	2.0	2.29	2.43	76	84	WSW	2	SW	3	8	10	0.10	
Mean	29.673	29.675	42.5	43.1	38.6	48.0	1.5	1.3	2.45	2.54	88.5	90.3		1.7		1.8	8.4	7.8	0.694	

ST. DAVID'S, PEMBROKE.—JANUARY 1898.

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.		Air Temperature.					Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	40.1	42.0	38.1	47.1	2.0	0.0	in.	in.	%	%	E	2	ESE	2	7	10	ins.
2	29.08	29.16	40.1	42.0	38.1	47.1	2.0	0.0	2.09	2.67	85	100	E	2	ESE	2	7	10	● showers p.
3	29.39	29.60	42.5	47.0	39.0	48.2	0.5	0.0	2.61	3.23	96	100	SE	2	ESE	3	10	7	● 2 p.
4	29.92	29.95	44.7	44.9	43.1	48.1	0.2	0.0	2.92	2.98	98	100	SE	3	SE	1	5	9	● 484
5	29.96	29.79	49.0	49.9	44.2	50.2	0.6	0.0	3.32	3.60	96	100	SSW	2	WSW	4	10	10	● 010
6	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● 010
7	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● 692
8	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● 360
9	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● 082
10	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● showers p.
11	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● 082
12	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● showers p.
13	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● 082
14	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● showers p.
15	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● 082
16	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● showers p.
17	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● 082
18	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● showers p.
19	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● 082
20	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● showers p.
21	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● 082
22	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● showers p.
23	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● 082
24	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● showers p.
25	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● 082
26	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● showers p.
27	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● 082
28	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● showers p.
29	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● 082
30	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● showers p.
31	29.62	29.57	51.0	51.3	48.0	52.1	0.0	0.0	3.74	3.78	100	100	SSW	2	WSW	4	10	10	● 082
Mean	30.038	30.032	46.8	47.0	43.7	49.4	1.1	0.5	2.96	3.13	91.7	96.2	3.1	2.9	6.3	8.4	3.438		

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

SOUTHAMPTON.—JANUARY 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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	29.23	29.27	44.1	42.1	41.8	46.7	0.5	0.4	278	259	96	97	NE	1	NNE	2	ins.		
2	29.60	29.91	39.6	44.3	39.3	45.3	0.5	0.3	233	284	96	98	W	0.1	SE	2	147		
3	30.12	30.16	43.2	38.2	37.4	48.7	0.5	0.4	268	222	96	97	SE	3.5	E	1	007		
4	30.20	30.09	36.8	48.5	32.3	49.6	0.4	1.5	210	303	97	99	W	1.5	SW	3	005		
5	29.92	29.85	50.4	51.9	47.4	52.6	0.8	0.2	346	381	94	99	SW	3	W	4	004		
6	29.89	29.86	52.0	48.7	48.2	55.2	1.3	0.7	353	326	91	95	W	1	S	1.5	267		
7	29.95	29.92	45.6	37.2	37.2	52.0	0.8	0.6	288	210	94	94	NW	2.5	Calm	0	078		
8	29.96	29.78	42.8	43.5	31.4	47.8	1.8	1.7	236	246	86	86	S	2	E	2.5	004		
9	29.81	29.99	40.8	37.6	37.2	46.5	0.8	0.7	237	212	94	94	NE	1	Calm	0	004		
10	30.16	30.28	38.1	33.9	33.6	44.7	1.0	0.4	209	187	91	96	N	1.5	Calm	0	—		
11	41	46	36.3	45.6	30.3	47.5	0.5	2.8	205	244	96	81	Calm	0	SW	2.5	—		
12	52	58	45.9	47.8	42.7	51.1	0.9	0.7	288	314	94	95	SW	1	SW	1	—		
13	57	46	46.0	41.9	40.9	49.3	0.2	0.7	306	250	99	95	SE	1	ESE	2	—		
14	40	45	41.9	40.9	40.2	43.5	1.1	1.7	244	220	92	87	SE	2	E	2	—		
15	53	53	40.6	41.1	39.9	44.8	1.5	1.1	221	234	88	91	ENE	1.5	ESE	2	—		
16	52	46	36.5	39.3	36.0	42.2	0.3	0.1	210	238	97	100	ENE	2.5	E	3	—		
17	40	36	39.3	39.9	38.2	43.4	0.1	0.1	238	244	100	99	SE	1.5	SE	2	—		
18	32	32	47.9	48.5	39.7	51.7	0.8	0.9	312	319	95	93	S	1.5	SW	3	—		
19	31	28	49.9	50.6	48.1	52.8	1.1	1.1	331	341	93	93	SSW	1	SW	3	—		
20	33	36	51.5	51.5	49.5	53.7	0.9	0.5	357	367	93	96	WSW	3	SW	2	—		
21	41	45	50.8	49.8	49.4	54.6	0.7	0.6	353	343	95	95	WSW	1	WSW	1	035		
22	42	49	48.6	49.7	48.0	54.9	0.7	1.8	325	312	95	88	W	1.5	W	1	—		
23	57	53	43.3	49.0	42.6	51.2	1.2	0.9	254	325	91	94	SE	0.5	W	1	—		
24	50	48	45.0	44.7	44.2	50.2	1.3	2.7	268	236	90	80	NW	1	NW	1	—		
25	45	38	43.7	44.9	42.9	46.2	2.5	3.2	231	229	81	77	WNW	0.5	SW	1	—		
26	36	35	45.1	44.1	43.7	46.6	2.3	2.3	248	239	83	82	SW	1	SW	2	—		
27	39	45	43.9	43.9	42.7	46.2	2.8	3.1	227	221	79	77	SW	0.5	SW	1	—		
28	55	60	42.6	40.7	40.3	45.2	2.6	2.5	219	204	81	81	SE	1	SE	1	—		
29	60	50	40.9	46.9	39.1	47.4	2.4	2.2	208	269	82	85	SW	0.5	SW	3	—		
30	36	17	51.3	52.8	46.5	53.3	1.2	1.1	347	369	92	92	SW	5.5	SW	5	—		
31	30.36	30.37	48.1	47.8	46.4	55.1	3.2	1.8	260	288	77	87	NW	3.5	SW	2	005		
Mean	30.262	30.267	44.3	44.8	41.2	49.0	1.2	1.3	268	272	91.2	90.7	1.6		1.9	8.8	8.5	0.556	Beautiful day.

PLYMOUTH.—JANUARY 1898.

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	29.15	29.23	46.0	45.5	42.4	48.1	0.5	2.5	299	248	97	82	E	1	SE	1	10	10	400	2 a.
2	29.51	29.73	41.1	51.0	35.3	51.6	0.6	1.9	245	263	95	87	E	3	SE	3	10	4	—	Overcast all day.
3	30.00	30.06	46.0	44.2	42.0	53.4	0.5	1.2	299	263	97	91	E	1	E	2	8	0	—	Gloomy, then sunny.
4	30.14	30.03	47.7	50.5	40.5	52.7	1.2	0.3	302	360	92	97	S	1	SW	3	10	10	070	Dull and overcast all day.
5	29.88	29.83	51.0	52.3	49.4	52.3	0.7	0.4	356	381	95	97	SSW	3	SW	3	10	10	290	● nearly all day.
6	29.78	29.78	50.3	50.8	48.0	52.3	0.9	0.2	342	367	94	98	SW	1	SW	3	10	10	050	● showers.
7	29.84	30.04	44.7	37.7	36.7	51.0	2.7	1.4	236	299	80	88	N	1	E	1	0	0	—	Beautifully fine throughout.
8	29.68	29.68	49.0	48.2	35.2	49.0	3.0	0.8	276	317	79	95	S	3	SSE	4	10	10	320	Overcast and mild, with ●.
9	29.74	29.98	47.0	46.0	44.5	48.7	1.1	1.7	296	272	92	88	E	3	N	3	10	9	010	—
10	30.15	30.23	38.2	38.2	35.4	46.3	0.5	1.2	220	206	96	90	N	1	NE	2	0	0	—	Fine and sunny a.
11	31	35	46.5	48.5	35.0	48.7	3.5	0.6	238	326	96	95	SW	3	WSW	2	9	6	020	—
12	45	30	49.5	49.7	46.0	59.1	0.6	1.6	338	316	95	89	SE	3	E	2	1	3	—	Clear and sunny.
13	46	37	46.5	46.0	44.5	51.4	1.5	2.2	281	261	89	85	E	2	E	4	7	10	—	Dull and overcast.
14	32	35	41.0	42.0	38.9	46.0	1.0	1.6	235	233	92	88	NE	2	E	4	7	10	—	Sunny till 2.30 p., then overcast.
15	39	41	45.0	45.3	40.3	48.0	1.0	1.1	275	277	92	92	E	3	E	4	6	7	—	Gloomy a. Sunny p.
16	38	31	46.4	45.1	43.0	50.9	1.1	0.6	289	286	92	95	E	1	ESE	1	9	0	—	Gloomy a. Sunny p.
17	29	29	46.7	49.0	42.0	53.4	0.5	1.9	306	300	96	87	E	1	ENE	1	10	10	010	Overcast and gloomy.
18	24	25	50.8	51.4	46.7	52.1	0.7	1.0	353	353	95	93	SSW	3	SW	5	10	10	010	Overcast and very mild.
19	24	25	51.5	51.7	49.7	52.7	0.6	1.2	364	353	95	93	SW	3	WSW	4	10	10	—	Overcast, with ● showers.
20	27	33	51.5	51.2	50.2	52.7	0.4	0.3	369	368	97	98	SW	3	S	2	10	10	080	Very gloomy, mild and damp.
21	37	41	51.5	50.9	49.4	52.3	1.1	0.4	351	363	92	98	SW	1	SW	3	10	10	010	Cloudy a. Fine and sunny p.
22	42	46	51.0	49.2	47.2	53.9	1.1	2.5	346	289	92	83	SW	1	NNW	2	9	0	—	Cloudy a. Fine and sunny p.
23	51	50	47.7	47.2	43.0	53.1	0.5	1.8	321	282	97	88	W	1	N	1	9	0	—	—
24	49	43	46.0	47.1	42.0	49.0	1.5	3.0	276	254	90	79	Calm	0	NW	1	8	10	—	—
25	37	32	45.3	47.5	44.0	49.0	2.0	3.3	257	252	85	77	E	1	SE	3	10	10	—	Overcast all day.
26	29	30	45.5	44.3	43.0	47.6	3.0	2.5	239	237	79	81	SE	3	E	1	10	10	—	Overcast all day.
27	32	32	43.8	45.5	42.0	46.8	3.1	2.7	220	245	76	81	SE	1	SE	1	9	10	—	Overcast all day.
28	48	52	43.0	42.0	40.8	46.6	2.3	1.9	228	227	82	86	NE	1	E	2	10	10	—	Overcast all day.
29	51	47	48.0	50.2	40.7	50.3	3.2	1.3	259	330	78	91	SSW	3	SW	4	10	10	—	Overcast all day.
30	37	18	52.0	52.7	48.9	52.7	0.7	0.9	369	373	95	94	W	2	SW	4	10	10	050	Overcast all day, with ●.
31	30.39	30.37	48.3	51.0	47.0	53.8	7.7	0.6	182	358	54	96	NW	1	SSW	3	7	10	040	● (mist) 9p.
Mean	30.197	30.205	47.0	47.5	43.0	50.8	1.6	1.4	289	297	88.9	89.7	1.9		2.5	8.5	7.4	1.360	—	—

LONDONDERRY.—JANUARY 1898.

Height above Mean Sea Level, 67 feet. Heights above Ground:—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 7° 19' W. Lat. 55° 0' N. Gravity Correction, +027 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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	29.22	29.34	38.7	37.7	36.2	41.1	0.5	1.0	.225	.207	96	91	Calm	0	E	1	10	10	070	☁ (mist) all day. ☂ 8p.-10p.
3	29.58	29.90	38.8	40.8	34.6	42.0	0.4	0.2	.228	.250	97	99	E	1	Calm	0	10	10	100	● till 2p. ☁ (mist).
4	30.09	30.16	33.7	43.7	32.2	44.6	0.8	1.0	.178	.262	91	92	E	1	SE	2	10	10	110	☁ (mist) all day. ● in evening.
5	29.86	29.79	44.7	43.1	42.2	46.0	1.0	0.4	.273	.269	93	97	SW	2	SW	1	10	10	250	☁ all day.
6	29.70	29.45	37.7	50.1	36.0	50.8	0.5	0.6	.216	.347	96	96	E	1	W	2	10	10	120	☁ a. ● in evening.
7	29.64	29.71	47.7	38.7	37.9	51.3	1.4	0.6	.297	.223	90	95	SW	2	W	3	10	2	170	● showers during day.
8	29.81	29.70	39.1	42.7	35.0	43.2	4.1	2.0	.163	.232	69	85	SE	2	S	4	8	10	230	
9	29.54	29.65	45.3	42.3	41.2	46.2	1.6	0.6	.265	.257	88	96	S	4	S	1	10	10	—	
10	29.85	29.97	36.3	37.7	35.2	44.0	1.2	0.8	.192	.211	90	93	WSW	2	WSW	1	2	10	—	
11	30.03	30.03	42.7	45.4	36.5	47.0	1.3	0.2	.246	.298	89	98	SW	3	S	1	10	10	110	● in evening.
12	30.31	30.31	47.7	50.4	44.6	52.0	1.2	1.7	.302	.323	92	89	SW	3	SW	3	10	10	110	☁ (mist) 9p.
13	30.32	30.32	46.2	49.7	42.2	51.0	0.5	1.5	.302	.318	97	89	SW	1	SE	3	10	10	010	☁ (mist) a.
14	30.25	30.25	47.7	45.7	44.0	50.2	2.0	2.0	.283	.262	86	86	SW	2	SE	3	10	10	—	
15	30.38	30.38	44.5	45.7	41.8	47.2	2.0	2.0	.249	.262	85	86	SW	2	S	2	10	10	—	
16	30.29	30.29	43.3	43.3	42.0	46.0	2.6	1.9	.225	.239	80	85	SW	1	SE	3	10	10	—	
17	30.15	30.15	44.7	47.7	39.0	48.3	1.3	2.0	.266	.283	90	86	SE	3	S	3	10	0	—	
18	30.08	30.08	47.8	49.7	44.5	50.6	2.1	3.0	.281	.283	85	80	SW	3	SSE	4	10	10	020	
19	29.69	29.69	49.2	50.2	42.0	51.2	1.6	2.0	.310	.312	89	86	SW	5	S	3	10	10	130	● at times during day.
20	29.69	29.69	52.9	45.3	44.9	54.3	1.9	0.6	.348	.289	87	96	SW	5	Calm	0	10	0	140	● all day.
21	30.06	30.06	44.7	42.7	41.0	46.2	0.7	1.0	.279	.252	94	92	SW	1	SW	1	10	10	040	● during day.
22	30.24	30.24	44.7	49.7	41.8	50.0	0.9	0.6	.275	.340	93	96	SW	1	SW	3	10	10	150	● from 4p.
23	30.23	30.23	45.8	41.7	41.0	51.0	2.1	1.0	.261	.243	85	93	WSW	2	S	1	9	10	—	
24	30.42	30.42	44.7	47.7	39.2	47.9	1.0	2.7	.273	.267	93	81	SW	1	SW	2	10	10	—	☁ (mist) a.
25	30.38	30.38	46.3	47.0	45.0	48.4	2.4	2.0	.260	.275	83	86	SW	2	SW	1	10	10	—	
26	30.19	30.19	46.7	47.5	43.1	51.0	2.5	2.5	.261	.269	82	82	SW	1	S	3	8	10	—	
27	30.03	30.03	45.9	48.7	44.5	49.6	2.0	3.3	.265	.266	86	78	SW	3	S	3	9	10	—	
28	29.19	29.19	47.7	46.2	43.0	50.0	2.4	3.3	.274	.240	83	77	W	2	S	2	10	10	—	
29	30.33	30.33	47.2	49.7	42.5	50.3	2.3	2.7	.269	.290	84	82	SW	1	S	4	10	10	—	
30	30.12	30.12	50.8	52.8	39.8	54.6	1.2	1.4	.341	.361	91	90	SW	4	SW	4	10	10	120	● 3p -8p.
31	29.86	29.86	52.1	52.2	49.9	54.0	1.2	1.5	.357	.350	91	90	SW	3	SW	5	10	10	110	● all day.
32	30.30	30.30	43.5	50.7	41.2	52.2	2.7	0.7	.225	.352	79	95	SSE	1	SW	4	10	10	050	● in evening.
Mean	30.020	30.017	44.8	46.0	40.8	48.8	1.6	1.5	.264	.278	88.2	89.3	2.1	2.4	9.5	0.1	2.040			

MARKREE CASTLE.—JANUARY 1898.

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.

Gravity Correction, + 0.24 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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.	29°15	29°25	29°1	30°0	27°8	0	0°1	0°1	in.	in.	%	%				ins.
2	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	Calm	0	8	200
3	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	E	0°5	10	110
4	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	S	0°5	10	170
5	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	SW	1	10	420
6	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	SSE	1	10	180
7	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	NW	1	10	040
8	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	SW	1	7	150
9	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	S	2	9	010
10	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	Calm	0	7	—
11	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	SSE	1	9	050
12	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	SSW	2	10	050
13	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	Calm	0	9	010
14	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	S	2	10	—
15	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	Calm	0	9	—
16	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	SE	0°5	10	—
17	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	SE	2	9	—
18	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	S	2	9	090
19	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	SSW	4	10	170
20	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	SW	3	10	320
21	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	Calm	0	10	030
22	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	S	0°5	10	190
23	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	NW	1	8	—
24	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	S	0°5	10	—
25	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	SSE	0°5	10	—
26	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	S	2	8	—
27	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	SW	1	9	—
28	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	SSE	0°5	1	—
29	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	SE	0°5	3	—
30	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	S	3	10	210
31	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	SW	2	10	140
Mean	29°15	29°25	29°1	29°25	29°1	30°0	27°8	0	0°1	0°1	158	164	98	98	SW	0°5	7	100

DUBLIN (PHENIX PARK).—JANUARY 1898.

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°17	29°23	29°6	36°8	28°9	38°5	0°3	0°3	*156	*212	95	98	Cal'm	o	Cal'm	o	3	6	*240	☼☼☼ p.
2	'44	'73	39°6	42°5	34°5	43°2	0°1	0°8	*242	*254	99	94	Cal'm	o	Cal'm	o	8	10	*520	☼☼☼ 3a-8a. Dull with ☼☼☼
3	'97	'96	43°7	39°4	38°9	46°4	0°5	0°4	*273	*233	96	97	Cal'm	o	Cal'm	o	10	4	*020	Dull day. ☼☼☼ n.
4	'91	'75	46°8	47°8	36°9	49°5	1°5	1°2	*284	*303	89	91	Cal'm	o	Cal'm	o	10	10	*385	Dull day.
5	'59	'50	47°5	53°1	46°4	53°9	0°6	0°8	*314	*382	95	94	Cal'm	o	SW	1	10	10	*150	☼☼ a. Dull day.
6	'68	'69	49°2	44°3	43°8	53°7	1°8	0°7	*306	*275	88	95	Cal'm	o	Cal'm	o	8	9	*080	Cloudy day. ☼☼ p.
7	'88	'81	37°5	44°4	35°6	45°7	0°9	3°5	*207	*219	92	74	Cal'm	o	Cal'm	o	0	9	—	Beautiful day.
8	'61	'63	47°0	43°0	42°5	50°3	2°4	1°3	*266	*249	83	90	SSW	1	Cal'm	o	8	10	*090	Cloudy a. Dull with ☼☼ p.
9	29°18	29°08	37°5	38°2	34°1	44°6	0°6	0°9	*213	*197	95	98	Cal'm	o	Cal'm	o	4	7	—	Beautiful day. ☼☼
10	30°04	30°06	39°4	45°1	33°9	48°1	1°6	1°9	*210	*256	87	85	SSW	1	SW	1	8	4	—	
11	'10	'14	47°6	51°5	43°3	52°1	2°0	1°4	*282	*344	86	90	SW	1	Cal'm	o	7	9	—	
12	'27	'37	50°4	46°9	46°3	52°2	2°5	1°3	*303	*290	83	91	Cal'm	o	Cal'm	o	10	6	—	
13	'37	'27	48°0	39°2	38°5	51°8	2°1	1°5	*283	*210	85	88	Cal'm	o	Cal'm	o	7	0	—	
14	'25	'30	44°5	43°4	33°8	47°3	1°5	0°7	*259	*266	88	95	Cal'm	o	Cal'm	o	9	9	—	
15	'38	'39	42°7	34°8	34°8	46°0	3°0	0°9	*213	*184	78	92	Cal'm	o	Cal'm	o	6	2	—	
16	'30	'19	42°7	47°6	31°7	51°8	0°9	2°7	*255	*267	92	81	Cal'm	o	SW	1	2	2	—	Beautiful day.
17	30°13	30°05	46°7	47°1	43°2	52°8	2°9	3°0	*253	*254	81	79	Cal'm	o	SW	2	1	4	*010	Beautiful day.
18	29°15	29°09	49°8	53°0	45°9	53°6	2°3	2°4	*300	*337	85	84	SW	3	SW	2	10	4	*080	Dull with ☼☼
19	29°15	29°08	54°5	53°2	52°2	55°9	2°7	1°0	*350	*383	82	93	SW	3	SW	1	8	9	*150	Dull day. ☼☼ a. and p.
20	30°04	30°11	49°1	52°4	48°1	54°1	0°7	0°9	*331	*369	95	94	Cal'm	o	Cal'm	o	10	10	*120	Dull with ☼☼
21	'23	'20	49°6	49°7	49°4	54°4	1°9	2°1	*308	*304	87	94	Cal'm	o	SSW	1	7	4	—	
22	'18	'40	50°1	41°4	40°8	50°8	2°5	0°7	*299	*246	83	95	W	2	Cal'm	o	9	7	*020	
23	'42	'41	47°3	46°2	40°7	49°3	1°3	2°5	*294	*257	91	83	Cal'm	o	Cal'm	o	9	10	—	
24	'39	'30	45°3	46°8	44°8	47°2	3°2	2°5	*233	*262	77	82	Cal'm	o	WSW	1	8	10	—	
25	'21	'11	47°1	47°3	40°9	52°8	3°5	2°8	*244	*261	76	81	SW	1	SW	1	2	1	—	Beautiful day.
26	'08	'12	48°4	47°7	44°9	50°4	3°5	3°0	*258	*261	76	80	SW	1	Cal'm	o	7	10	—	
27	'20	'27	46°4	44°9	44°8	48°7	3°5	4°0	*238	*215	76	71	Cal'm	o	Cal'm	o	9	10	—	Dull and cloudy.
28	'34	'35	44°9	47°5	42°8	54°0	2°2	2°6	*249	*268	85	82	Cal'm	o	SSW	1	7	5	—	Beautiful day.
29	30°22	30°06	49°5	51°7	45°9	55°1	2°3	1°1	*297	*355	84	92	SSW	3	WSW	2	6	10	*060	Cloudy a. Dull p.
30	29°93	29°78	54°3	53°1	51°7	59°1	1°2	2°5	*387	*336	92	83	WSW	2	WSW	4	10	8	*060	Dull day. Squally ☼☼ showers p.
31	30°32	29°99	42°1	51°6	39°9	53°8	2°2	1°2	*222	*350	83	92	W	1	SW	2	4	9	*050	Cloudy with ☼☼ showers.
Mean	30°06	30°03	45°8	46°1	41°3	50°6	1°9	1°7	*269	*277	86°6	87°9	o°6	o°6	7°0	7°0	2°015			

PARSONSTOWN.—JANUARY 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
							Dep. of Wet.	Vapour Tension.		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°13	29°17	30°7	36°2	28°7	45°9	0°6	0°4	°157	°206	91	96	Calm	0	9	10	°210
2	°43	°70	33°4	38°8	31°7	40°0	0°5	0°3	°181	°230	95	98	Calm	0	10	10	°021
3	°94	°92	42°3	44°9	37°7	45°9	1°0	0°4	°249	°289	92	97	Calm	0	1	10	—
4	°89	°71	45°6	47°0	43°6	49°6	1°7	0°7	°268	°306	87	95	Calm	0	9	10	°606
5	°54	°49	48°7	52°4	45°9	53°1	0°2	0°7	°340	°379	99	95	Calm	0	1	10	°177
6	°66	°69	48°5	43°1	42°1	53°2	0°9	0°7	°319	°364	93	94	SW	1	10	6	°054
7	°87	°70	37°4	44°0	34°9	44°0	2°0	2°4	°189	°236	83	81	Calm	0	2	10	°053
8	°50	°59	44°0	42°8	42°0	46°8	0°7	0°8	°272	°257	94	94	S	1	10	10	—
9	29°82	29°95	33°0	35°7	31°9	44°8	0°3	0°8	°181	°196	96	93	Calm	0	0	10	—
10	30°00	30°03	40°1	44°7	34°3	47°2	1°4	1°5	°219	°262	89	89	SE	1	10	10	—
11	°04	°10	48°7	51°6	41°4	52°3	1°6	2°8	°304	°311	89	81	SE	1	10	10	°016
12	°30	°33	49°4	49°6	40°1	51°7	0°9	1°8	°330	°310	94	88	SW	1	10	10	—
13	°30	°21	45°9	39°8	39°6	51°3	1°0	0°7	°288	°230	94	95	SE	1	10	0	—
14	°22	°31	42°4	42°7	36°0	47°4	1°4	1°9	°241	°234	89	86	Calm	0	8	10	—
15	°32	°33	42°9	41°6	39°0	44°0	1°6	1°7	°242	°228	87	87	Calm	0	10	10	—
16	°24	°15	45°7	47°9	39°5	49°2	1°1	1°8	°282	°289	93	88	SE	1	1	10	—
17	30°09	30°01	45°2	45°1	42°6	51°6	1°2	1°2	°273	°272	91	90	SE	1	9	10	—
18	29°82	29°85	50°0	51°4	45°0	51°7	1°1	1°6	°332	°338	92	90	SW	2	10	7	°110
19	29°80	29°91	53°8	52°6	50°4	55°6	1°8	1°2	°363	°344	87	92	SW	3	10	10	°161
20	30°00	30°09	47°8	51°7	47°0	52°9	0°4	0°9	°323	°360	97	94	Calm	0	10	10	°070
21	°21	°19	48°5	47°6	46°8	53°8	1°3	1°8	°308	°286	90	88	Calm	0	SW	1	7
22	°22	°35	49°7	48°1	46°5	51°0	0°9	0°5	°334	°324	94	96	W	1	10	10	°036
23	°40	°38	44°3	45°9	42°2	50°6	1°3	2°1	°261	°263	90	86	Calm	0	10	10	—
24	°35	°26	45°7	46°7	43°7	49°0	2°5	1°8	°251	°277	82	87	Calm	0	10	10	—
25	°17	°08	41°9	41°7	38°4	52°6	1°1	0°9	°244	°246	92	93	Calm	0	0	0	—
26	°10	°10	46°9	46°7	38°8	50°8	2°0	2°2	°274	°268	86	85	SE	1	10	10	—
27	°16	°20	45°6	44°7	43°8	48°6	2°2	1°9	°257	°253	84	86	Calm	0	10	10	—
28	°27	°30	41°2	45°7	36°3	50°7	1°0	1°9	°237	°265	93	87	SE	1	10	10	—
29	30°17	30°08	50°7	51°7	44°4	54°5	1°4	0°6	°334	°367	90	96	SE	1	10	10	°196
30	29°97	29°85	54°3	52°7	50°6	56°4	0°8	2°3	°399	°336	94	85	SW	2	SW	4	°014
31	30°30	30°04	40°6	52°2	36°7	56°6	1°0	0°8	°232	°369	92	95	SW	1	SW	3	°139
Mean	30°007	30°002	44°7	46°0	40°7	50°1	1°2	1°3	°274	°284	90°9	90°5	0°6	0°6	8°5	8°9	1°863

DUNROBIN CASTLE.—FEBRUARY 1898.

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° Fah.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	47°	44°	43°	58°	5°	5°	in.	in.	%	%	W	W	—	—	ins.	Fair, breezy and mild. ☀ ☁ showers. Fine a. ☁ showers p. ☁ showers a. ☁ showers a. ☁ showers a. ☀ (sleet) p. ☁ showers a. — Fine and sunny. Fine and sunny a. ☀ p. ☁ showers p. Cold, with ☀ showers. Dull with ☁ showers a. Gusty p. p. ☁ showers a. Gusty p. p. ☁ showers. Dull with ☀. ☁ showers a. and p. ☁ showers a. — ☀ p. ☁ showers.
2	29° 65	77	41°	37°	34°	45°	1°	6°	216	188	67	65	W	W	—	—	520	
3	29° 61	43	35°	35°	31°	40°	1°	4°	193	133	92	65	W	NW	—	—	480	
4	49	70	32°	35°	28°	38°	1°	3°	153	148	84	72	N	W	—	—	110	
5	90	64	32°	36°	29°	38°	0°	3°	179	158	98	74	N	W	—	—	40	
6	34	33	34°	35°	30°	39°	0°	1°	180	184	91	90	W	W	—	—	230	
7	49	63	33°	39°	30°	40°	1°	2°	176	199	89	84	W	W	—	—	170	
8	70	94	36°	34°	30°	42°	1°	1°	199	176	92	89	SW	SW	—	—	300	
9	80	77	41°	44°	33°	45°	1°	1°	231	248	90	86	W	SW	—	—	090	
10	86	66	40°	47°	39°	48°	0°	1°	241	293	96	92	W	NW	—	—	—	
11	83	94	41°	43°	40°	50°	2°	2°	219	230	83	83	W	W	—	—	100	
12	65	62	46°	37°	36°	48°	3°	2°	240	179	78	81	W	W	—	—	—	
13	76	50	35°	40°	33°	42°	1°	2°	181	207	86	84	W	W	—	—	320	
14	74	76	38°	44°	36°	45°	2°	2°	197	239	84	81	W	SW	—	—	170	
15	35	38	51°	37°	36°	52°	2°	2°	305	182	80	83	SW	W	—	—	150	
16	53	83	36°	38°	33°	40°	4°	5°	149	142	68	62	W	NW	—	—	420	
17	94	29° 97	38°	34°	33°	39°	3°	3°	168	132	73	66	NW	W	—	—	070	
18	98	30° 03	34°	31°	29°	39°	2°	1°	156	143	79	79	N	NW	—	—	020	
19	58	29° 19	37°	36°	30°	40°	1°	1°	208	189	92	89	NW	NW	—	—	260	
20	07	28° 75	28°	33°	27°	36°	0°	0°	128	171	84	91	W	W	—	—	300	
21	27	29° 42	34°	36°	31°	38°	1°	2°	182	175	81	82	NE	N	—	—	100	
22	58	29° 84	35°	32°	30°	40°	2°	1°	160	149	79	80	NE	NE	—	—	050	
23	29° 92	30° 07	33°	35°	30°	43°	2°	2°	143	164	76	80	N	N	—	—	010	
24	30° 06	30° 03	36°	40°	32°	42°	1°	2°	101	198	89	80	SW	SW	—	—	—	
25	29° 80	29° 42	41°	41°	38°	42°	2°	2°	213	225	83	85	S	SE	—	—	—	
26	43	57	37°	40°	35°	43°	2°	5°	184	156	83	63	W	NW	—	—	400	
27	55	62	38°	37°	34°	44°	3°	2°	174	181	76	81	NW	NW	—	—	260	
28	29° 61	29° 45	38°	36°	34°	44°	3°	0°	170	203	74	96	W	W	—	—	240	
Mean	29° 620	29° 621	37° 7	37° 9	33° 3	42° 8	1° 9	2° 5	188	183	83° 7	79° 2	—	—	—	—	4° 810	

BRAEMAR.—FEBRUARY 1898.

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	28° 63	28° 20	41° 2	40° 2	37° 8	51° 8	3° 7	3° 3	*188	*185	73	74	SW	0° 5	SW	6	3	10	*020	Fine a. ● p.	
2	27° 70	43	37° 2	31° 7	31° 3	41° 3	1° 7	2° 4	*189	*126	85	70	NW	8	NW	8	10	7	*190	Gusty with *● (sleet) *	
3	28° 44	29	33° 3	30° 5	29° 0	36° 8	1° 1	2° 0	*168	*122	88	71	NW	0° 5	NW	8	10	8	*050	Cold, with *.	
4	24	44	27° 0	29° 5	25° 1	32° 0	0° 5	1° 0	*130	*136	89	83	NW	2	NW	6	6	4	*040	Cold, with *.	
5	70	50	29° 5	30° 3	27° 5	33° 3	1° 0	0° 8	*136	*148	83	88	NW	1	W	0° 5	6	8	*010	Fair and clear.	
6	20	20	33° 0	29° 5	27° 5	37° 0	0° 5	0° 8	*177	*142	94	87	SW	2	SW	0° 5	8	7	*040	* showers.	
7	32	51	31° 3	34° 1	27° 3	36° 4	0° 8	0° 6	*157	*185	89	94	NW	2	SW	2	8	7	—	—	
8	52	73	36° 1	36° 5	33° 0	38° 2	0° 9	3° 1	*196	*156	92	73	SW	0° 5	SW	0° 5	7	5	—	—	
9	68	63	40° 5	40° 8	32° 2	42° 0	2° 2	1° 5	*203	*223	82	88	SW	2	SW	6	8	9	—	Dull day.	
10	70	66	43° 1	44° 5	39° 4	47° 3	1° 4	2° 6	*248	*237	89	80	SW	0° 5	SW	0° 5	7	9	*030	Dull day.	
11	69	82	40° 5	40° 3	38° 0	46° 0	2° 2	3° 2	*203	*188	82	75	SW	2	SW	2	5	9	*020	Dull day.	
12	57	49	42° 5	34° 5	33° 7	45° 2	3° 0	1° 3	*211	*174	78	86	SW	4	SW	6	7	9	*230	● p.	
13	61	44	34° 3	37° 3	31° 2	38° 2	1° 1	2° 2	*176	*181	88	82	SW	0° 5	SW	6	6	7	*140	Fair a. * shower p.	
14	60	72	34° 5	41° 5	33° 2	46° 4	1° 0	2° 2	*180	*217	90	83	SW	2	SW	2	10	5	*020	* showers.	
15	28	28	48° 5	36° 3	35° 7	49° 3	2° 7	1° 4	*277	*188	82	88	SW	8	SW	6	8	10	*200	● a. Fair p.	
16	41	72	32° 2	32° 8	29° 2	37° 0	2° 5	0° 3	*139	*181	71	97	NW	6	NW	6	10	10	*080	* (3 inches deep).	
17	66	64	34° 5	30° 5	29° 4	37° 0	1° 0	0° 2	*180	*165	90	97	W	2	NW	1	7	10	*150	—	
18	71	28° 76	29° 5	29° 7	27° 2	35° 1	0° 5	0° 4	*150	*154	92	94	N	0° 5	SW	0° 5	8	6	—	—	
19	28° 46	27° 96	33° 7	35° 3	27° 0	38° 7	0° 7	1° 2	*180	*183	92	89	SW	2	SW	0° 5	10	10	*130	Dull day.	
20	27° 93	27° 76	21° 8	27° 5	22° 3	35° 9	0° 3	0° 6	*107	*132	91	88	N	0° 5	SW	1	2	10	*020	* showers.	
21	28° 00	28° 14	29° 5	31° 8	20° 8	34° 0	0° 5	0° 5	*130	*168	91	94	NW	2	NW	0° 5	7	9	*470	*.	
22	32	53	31° 2	29° 5	28° 0	35° 0	0° 7	0° 5	*158	*150	90	91	NW	1	NW	0° 5	10	8	*100	* showers	
23	69	86	27° 3	12° 5	13° 0	35° 3	0° 8	0° 0	*124	*076	84	100	N	0° 5	N	0° 5	6	0	—	—	
24	91	82	8° 4	33° 7	2° 5	35° 7	0° 5	0° 7	*052	*180	83	92	S	0° 5	SE	0° 5	6	8	—	—	
25	67	24	34° 5	36° 5	31° 0	37° 8	0° 5	1° 4	*190	*180	95	88	SW	0° 5	SW	4	8	10	*350	Dull a. ● p.	
26	32	43	32° 5	33° 3	30° 4	37° 3	2° 2	2° 1	*139	*148	75	78	NW	2	SW	1	6	7	*090	* showers.	
27	40	41	33° 3	33° 8	30° 8	38° 8	1° 8	2° 1	*154	*152	81	79	SW	0° 5	SW	2	6	5	—	Fine day.	
28	28° 45	28° 35	31° 8	33° 5	29° 8	38° 5	0° 6	1° 0	*166	*171	91	89	SW	1	SW	0° 5	6	4	—	Fine day.	
Mean	28° 457	28° 463	33° 3	33° 5	28° 7	39° 2	1° 8	1° 4	*169	*166	86° 1	85° 6	1° 9	2° 8	7° 2	7° 5	2° 380				

LAUDALE.—FEBRUARY 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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.	48° 9'	47° 0'	45° 4'	54° 0'	3° 4'	3° 0'	267	253	78	79	W 2	W 7	10	8	ins.	
2	'88	'52	48° 9'	47° 0'	45° 4'	54° 0'	3° 4'	3° 0'	267	253	78	79	W 2	W 7	10	8	'330	Dull and damp. ☉ showers p.
3	'13	'78	44° 1'	39° 2'	38° 2'	47° 2'	3° 3'	3° 3'	219	177	75	75	WNW 8	NNW 4	10	4	'290	☉ (gale) ☉ a.
4	'71	'58	41° 2'	38° 0'	35° 6'	43° 5'	1° 8'	3° 2'	221	170	86	74	NNW 4	NNW 4	10	4	'200	☉ a. and p.
5	'44	'77	33° 0'	34° 0'	32° 0'	38° 8'	2° 0'	2° 0'	147	156	78	79	Caln 0	N 3	9	3	—	Fine but cold. ☉ p.
6	'95	'55	33° 8'	37° 5'	32° 0'	38° 0'	1° 7'	1° 0'	160	208	82	91	N 1	ESE 8	7	10	'330	☉ a. ☉ at night. ☉
7	'45	'41	36° 6'	37° 5'	34° 0'	44° 8'	1° 6'	3° 1'	186	166	86	74	NW 4	NNW 2	10	7	'310	☉ a. ☉ showers.
8	'60	'76	36° 3'	41° 0'	33° 8'	44° 7'	1° 3'	2° 8'	190	201	89	78	NE 2	NNW 2	8	3	'400	☉ a. ☉ showers.
9	'81	'95	41° 0'	42° 0'	37° 0'	45° 2'	4° 0'	2° 1'	180	223	70	84	N 2	N 1	7	6	'160	☉ a. ☉ showers.
10	'88	'81	45° 7'	47° 0'	39° 0'	48° 9'	1° 7'	2° 0'	268	275	88	86	SW 2	W 5	10	10	'210	☉ a. ☉ showers.
11	'89	'29	45° 9'	49° 0'	43° 6'	50° 0'	0° 7'	2° 5'	282	287	94	83	W 2	S 7	7	10	'150	☉ a. ☉ showers.
12	'92	'30	44° 7'	45° 7'	41° 0'	49° 3'	3° 5'	1° 0'	221	285	74	94	NW 3	NNW 3	6	9	'080	☉ showers a. ☉ showers p.
13	'79	'29	47° 4'	40° 5'	37° 2'	49° 3'	3° 5'	2° 8'	247	197	76	79	W 4	NW 3	10	10	'720	☉ till 7 p. ☉ showers p.
14	'78	'62	40° 2'	44° 0'	36° 0'	44° 4'	1° 2'	2° 3'	224	238	90	82	NW 3	NW 3	7	10	'300	☉ a. ☉ showers.
15	'89	'92	44° 0'	49° 0'	40° 0'	49° 4'	3° 3'	3° 0'	218	276	75	79	WNW 3	W 4	7	10	'420	☉ a. ☉ showers.
16	'54	'29	52° 7'	44° 7'	37° 0'	53° 0'	2° 3'	1° 7'	336	257	85	87	W 8	NW 9	10	10	'410	☉ (gale) ☉ a. ☉ showers.
17	29° 74	30° 05	41° 0'	38° 0'	35° 4'	45° 2'	2° 0'	2° 0'	215	190	84	83	NNW 9	NNW 8	6	10	'210	☉ (gale) ☉ a. ☉ showers.
18	30° 03	29° 51	40° 7'	37° 0'	35° 7'	42° 8'	3° 0'	1° 6'	196	189	78	86	N 2	N 1	7	0	—	Snow on hills.
19	29° 59	30° 04	32° 2'	36° 2'	29° 0'	39° 7'	2° 1'	2° 2'	137	173	75	81	NNE 2	NE 2	0	10	'100	☉ a.
20	'67	'29	31° 3'	28° 8'	29° 7'	33° 0'	44° 7'	0° 8'	27	192	94	78	NW 3	WNW 3	10	10	'460	☉ a. ☉ most of day.
21	'29	'28	31° 5'	34° 4'	27° 0'	39° 9'	0° 5'	1° 4'	165	171	93	85	N 1	N 2	0	10	'290	☉ a. ☉ showers all day. ☉
22	'26	'38	28° 7'	35° 0'	26° 0'	39° 6'	0° 7'	3° 0'	137	148	87	72	NE 1	N 2	0	0	—	☉ in past n. (7 ins. deep). ☉
23	'56	'29	27° 5'	29° 9'	26° 0'	43° 4'	0° 5'	1° 9'	134	117	90	70	NE 1	Caln 0	2	0	—	☉ a. and p.
24	29° 95	30° 07	25° 2'	28° 0'	22° 7'	40° 6'	1° 2'	2° 0'	96	175	71	82	ENE 1	ENE 1	0	7	—	☉ a.
25	30° 05	29° 95	38° 1'	31° 7'	42° 6'	2° 8'	3° 0'	183	197	78	77	4	SE 4	SSE 4	10	8	'300	☉ a.
26	29° 74	'44	44° 8'	36° 7'	34° 0'	45° 2'	1° 1'	1° 7'	271	185	92	85	S 4	SSE 1	10	10	1:300	☉ a. ☉ during day.
27	'56	'66	37° 7'	40° 0'	34° 0'	42° 7'	1° 2'	1° 8'	203	211	90	86	NNW 2	NW 3	10	9	'580	☉ in past n. ☉ showers. ☉
28	'62	'63	38° 9'	39° 9'	36° 0'	44° 2'	1° 3'	2° 3'	212	201	90	82	NNW 3	NNW 3	8	8	'220	☉ a. ☉ showers.
29	29° 70	29° 56	41° 0'	39° 9'	36° 0'	42° 8'	3° 0'	1° 9'	197	208	77	85	NW 3	NNW 3	6	7	'360	☉ a. ☉ (sleet) ☉ p.
Mean	29° 708	29° 692	39° 5'	40° 0'	34° 6'	44° 8'	2° 0'	2° 3'	206	204	83° 0	81° 3	3° 0	3° 5	7° 1	7° 3	9° 130	

GLASGOW.—FEBRUARY 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	47.2	45.1	44.9	52.9	2.2	3.4	in.	in.	%	%	SW	2	W	6	ins.	
2	29.73	29.33	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
3	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
4	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
5	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
6	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
7	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
8	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
9	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
10	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
11	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
12	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
13	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
14	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
15	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
16	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
17	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
18	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
19	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
20	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
21	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
22	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
23	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
24	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
25	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
26	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
27	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
28	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	
Mean	29.75	29.35	47.2	45.1	44.9	52.9	2.2	3.4	273	226	85	75	SW	2	W	6	413 Squally (force 7) 2.	

LADYLAW.—FEBRUARY 1898.

Height above Mean Sea Level, 447 feet. Heights above Ground:—Bar., 15 feet. Therms., 4 feet. Rain-gauge, 10 inches.
Long. 2° 47' W. Lat. 55° 28' N. Gravity Correction, +.026 in.

1	29.45	29.11	47.4	47.0	43.4	52.0	1.7	1.4	286	289	88	90	SW	2	SW	2	0	4	384	Bright a. 2 from 3p.	
2	28.75	29.20	37.3	37.1	34.7	48.1	0.9	1.3	205	195	83	88	SE	3	NW	3	10	4	076	2 most of day.	
3	29.26	28.99	37.1	36.0	30.4	43.6	1.8	1.1	186	191	84	90	NW	2	NW	3	2	0	—	Clear with very cold wind.	
4	28.89	29.12	31.9	30.1	29.2	37.4	1.5	0.7	146	148	80	89	N	2	N	3	7	0	—	Bright all day but with bitter wind.	
5	29.40	31	32.1	34.2	25.2	38.4	0.8	0.8	164	182	90	91	NW	2	NW	2	0	10	—	Bright and frosty, with very cold	
6	29.02	30.1	40.6	34.3	18.8	45.8	1.3	1.0	225	178	89	89	SW	1	W	2	5	0	068	a. * in afternoon. [wind]	
7	29.06	33	34.0	34.6	27.8	40.2	1.0	0.9	176	183	89	92	E	2	SE	2	0	6	—	Bright till 6p. [wind]	
8	29.30	31	39.8	36.0	32.4	45.2	1.6	0.8	213	197	88	93	SW	2	SW	1	6	3	066	Overcast all day.	
9	29.51	48	40.1	44.1	33.4	45.2	0.3	1.2	242	262	97	90	SW	1	SE	4	10	10	143	Overcast all day. (gale) from 3p.	
10	29.49	48	47.0	45.8	40.4	49.4	1.2	2.1	293	261	92	85	SE	2	SW	7	10	10	—	showers.	
11	29.49	68	45.7	39.0	37.4	51.8	1.0	1.3	285	212	94	90	S	2	SW	2	10	10	144	2 showers.	
12	29.52	30	45.2	40.0	36.4	46.2	1.9	1.6	258	215	86	87	SW	5	W	2	10	10	046	Bright till 11a, then dull.	
13	29.46	33	36.3	40.6	32.2	45.2	1.1	1.3	194	225	91	89	SW	2	S	3	6	10	188	Overcast all day. Squally late p.	
14	29.42	57	43.8	44.8	36.8	47.0	2.2	1.4	239	264	83	89	S	2	SW	3	0	10	004	(gale) n. and early a. Cold wind	
15	29.21	22	49.2	44.6	42.4	52.6	0.9	1.7	327	256	94	87	S	4	SW	4	10	10	—	Cold wind.	
16	29.28	50	41.8	36.6	34.0	46.2	1.9	1.0	227	197	86	91	SW	5	SW	3	4	4	—	Overcast all day, with showers.	
17	29.55	42	37.0	36.3	31.6	43.4	1.6	0.9	189	198	86	93	W	2	SW	1	0	4	102	* early a. (1 1/2 ins. deep).	
18	29.41	29.50	31.9	29.9	28.8	39.8	1.5	1.0	146	140	80	84	SW	1	SW	1	4	0	166	* showers 10a.-5p. (4 ins. deep).	
19	29.31	28.79	35.0	40.8	25.0	42.8	1.4	1.4	176	225	86	89	SE	1	SW	3	10	10	098	Overcast a. Bright p. [wind]	
20	28.63	54	29.4	27.3	26.2	42.2	1.3	0.7	127	157	79	86	N	1	NW	3	0	0	—	* early a, then bright and frosty.	
21	28.77	21.1	31.3	17.6	15.2	35.2	1.2	0.9	073	154	66	87	NW	1	N	1	0	0	038	Bright and frosty. [wind]	
22	28.95	29.19	34.3	35.3	26.4	39.4	1.0	0.9	178	189	89	92	NW	1	N	1	10	0	—	Overcast all day.	
23	29.42	57	29.1	29.7	25.4	40.2	1.3	1.5	124	125	78	76	N	1	NW	1	0	0	086	Overcast all day.	
24	29.64	61	22.7	30.7	15.2	41.4	1.5	1.4	074	137	61	80	N	1	NW	1	0	0	204	[wind] Overcast all day. 2 from 3p.	
25	29.47	50	35.3	40.0	29.4	42.2	0.9	0.7	189	232	92	94	NW	1	SW	4	10	10	—	Overcast all day.	
26	29.19	27	35.7	35.7	32.8	43.4	1.3	1.4	186	184	88	97	SW	1	SW	2	10	10	—	Overcast all day.	
27	29.17	20	39.0	36.3	34.2	45.8	1.0	0.9	218	198	92	93	SW	1	SW	1	0	0	—	Fine day.	
28	29.27	29.15	36.1	37.0	33.8	43.4	1.4	0.7	187	206	87	94	S	1	SW	2	0	10	—	Bright a. Overcast from 3p.	
Mean	29.256	29.256	37.0	37.0	30.8	44.1	1.3	1.1	193	199	86.0	88.8	1.9	2.4	4.8	5.2	1.734				

SCARBOROUGH.—FEBRUARY 1898.

Height above Mean Sea Level, 219 feet. Heights above Ground:—Bar., 6 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.		Air Temperature.				Humidity.					Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
							Dep. of Wet.		Vapour Tension.		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.	52.9	53.3	43.2	55.2	2.5	0.3	334	399	83	98	W	4	W	7	2	4	ins.
2	29.78	29.42	52.9	53.3	43.2	55.2	2.5	0.3	334	399	83	98	W	4	W	7	2	4	—
3	29.15	29.39	41.8	45.8	39.3	54.4	2.5	3.3	214	235	81	77	W	7	NW	8	3	10	Fine day.
4	29.27	34.7	36.9	32.4	45.8	2.3	3.4	157	157	77	73	W	2	NNW	3	NNW	7	2	Squally, with Δ.
5	29.09	26	33.7	35.7	33.2	40.3	1.5	2.5	162	162	84	78	NNW	5	NNW	7	10	6	Δ showers.
6	29.57	26	35.0	32.4	30.6	38.9	0.8	1.4	187	152	92	83	N	5	Calm	0	4	7	☉. ● showers.
7	29.33	36	37.7	33.5	32.2	43.9	0.9	2.1	208	149	92	78	W	2	W	2	6	7	☉. ● showers.
8	29.34	62	36.6	36.6	32.2	41.1	3.0	1.9	161	181	75	84	NW	4	NNW	4	2	2	☉. ● showers.
9	29.61	78	39.5	38.0	34.4	46.1	1.5	1.2	212	204	88	89	NNW	3	NNW	3	7	0	☉. ● showers.
10	29.91	89	38.6	43.4	34.4	44.7	1.8	1.7	199	244	85	87	W	1	Calm	0	10	10	—
11	29.91	29.91	44.5	44.6	41.4	50.1	1.5	2.5	259	239	89	81	SW	2	WSW	3	10	3	Dull day.
12	30.03	30.03	44.5	41.2	40.5	47.8	2.2	1.7	244	223	83	87	SW	3	SW	1	10	5	Squally.
13	29.74	38.0	44.7	35.3	46.3	0.9	2.1	211	248	92	84	WSW	3	WSW	4	5	10	—	
14	38.4	73	37.5	39.5	34.7	44.7	2.1	1.5	184	212	82	88	SW	1	WSW	5	4	10	Squally.
15	81	96	44.0	44.5	34.4	50.0	3.7	2.5	212	238	73	81	S	1	SW	2	3	10	Squally. p.
16	69	59	47.7	46.7	43.3	55.8	1.4	3.6	207	238	90	76	S	4	S	4	2	—	—
17	63	77	44.5	39.0	32.3	51.0	7.2	4.7	159	154	54	65	WSW	4	WSW	6	3	1	—
18	84	67	39.0	38.7	32.3	42.0	4.7	2.1	154	194	65	83	NW	2	WSW	2	3	10	Brilliant day.
19	61	71	37.5	36.6	33.3	44.7	2.2	3.5	183	152	81	71	N	4	N	4	10	6	Dull and very gloomy.
20	29.63	29.19	32.7	39.0	33.3	39.8	3.1	0.7	124	224	67	94	NW	1	NW	2	7	10	419
21	28.79	28.92	32.6	28.4	23.4	41.9	0.5	1.2	174	120	94	78	Calm	0	NW	3	10	6	☉. ☉
22	28.95	29.00	29.7	28.4	35.5	0.4	1.2	153	179	93	89	W	1	Calm	0	6	6	—	Fine day.
23	29.16	38	37.7	38.1	25.1	40.0	2.1	2.8	186	177	82	77	N	2	NNE	2	8	4	Stormy day.
24	60	29.86	40.2	37.5	24.3	43.3	5.6	3.2	149	166	60	74	NE	3	Calm	0	4	5	—
25	91	30.00	41.5	38.5	33.3	41.8	3.6	1.9	193	196	75	85	NE	1	Calm	0	6	4	—
26	81	29.60	36.0	41.0	30.3	42.8	0.9	1.1	194	233	92	91	Calm	0	SW	1	4	10	—
27	60	90	37.7	41.2	30.3	43.3	2.1	0.9	186	239	82	93	SW	3	WSW	2	3	4	☉3 Sunny day.
28	53	53	43.8	37.9	37.9	48.0	2.5	1.7	231	194	80	86	W	3	WNW	1	3	2	—
Mean	29.57	29.54	39.5	39.8	35.1	47.0	3.1	1.5	183	214	76	88	WNW	3	W	5	3	10	245

STONYHURST.—FEBRUARY 1898.

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.		Air Temperature.					Humidity.			Wind Direction and Force.		Cloud Amount.		Rain.	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.	9 a.m.	
1	ins.	ins.	50.4	50.7	43.6	53.2	0.4	0.2	1.36	1.34	WSW 4	SW by S 5	10	10	ins.	Squally with 2 showers.
2	29.70	29.43	42.0	40.7	37.8	50.7	3.9	4.2	1.92	1.75	WSW 7	WhyN6	10	8	480	△ a. Squally.
3	29.50	29.20	40.6	40.5	35.9	45.0	2.5	2.5	2.03	2.02	WhyS5	WhyS4	10	8	—	Squally with 2 showers.
4	29.00	29.26	33.0	32.0	31.3	40.5	1.2	1.2	1.63	1.53	WhyW1	Calm 0	10	2	—	* 8 a.m. Fine p. Usp.
5	29.54	29.53	33.6	34.7	30.7	38.0	3.1	2.6	1.33	1.52	SW 1	Calm 0	4	10	—	Bright and sunny a. *p.
6	29.24	29.26	41.0	37.0	34.3	43.6	1.3	2.6	2.29	1.72	WhyS3	WhyS4	9	9	198	△ showers p.
7	29.28	29.57	36.0	37.0	34.3	41.3	1.5	1.5	1.84	1.91	WhyN5	WNW 2	10	10	1080	Squally with 2 showers.
8	29.55	29.70	42.0	40.0	36.6	43.8	1.3	2.0	2.39	2.07	WSW 4	WhyW1	10	10	1080	△ showers.
9	29.76	29.74	41.0	43.0	35.6	45.3	0.6	1.0	2.44	2.55	WhyS1	SW by S 1	10	10	140	△ showers.
10	29.76	29.76	44.6	44.7	42.9	49.3	0.6	2.4	2.80	2.42	SSW 2	Calm 0	10	5	160	△ showers.
11	29.75	29.90	44.0	41.0	39.6	46.2	1.0	0.2	2.65	2.53	SSW 2	Calm 0	10	5	160	△ showers.
12	29.82	29.55	37.8	45.7	36.0	45.7	1.2	2.4	2.04	2.54	SSW 2	Calm 0	10	5	160	△ showers.
13	29.71	29.61	36.0	40.3	32.8	45.7	1.2	2.3	1.89	2.04	SSW 2	Calm 0	10	5	160	△ showers.
14	29.70	29.85	43.5	45.0	39.9	46.5	1.7	1.9	2.46	2.55	SSW 2	Calm 0	10	5	160	△ showers.
15	29.62	29.59	48.5	44.7	44.1	51.0	1.0	3.2	3.16	2.27	SSW 3	WhyS6	10	8	470	Squally with 2 showers.
16	29.60	29.71	43.5	40.4	39.2	45.6	3.0	3.4	2.20	1.85	WhyS6	WNW 5	8	9	1050	Squally with 2 showers.
17	29.72	29.52	40.5	38.0	37.5	42.0	3.8	0.7	1.80	2.14	WhyN2	Calm 0	9	10	1050	Squally with 2 showers.
18	29.50	29.63	34.6	34.0	33.5	39.9	2.6	4.0	1.51	1.22	WhyN1	N 3	10	10	1050	Squally with 2 showers.
19	29.51	29.09	33.0	40.9	31.2	40.9	2.6	1.3	1.36	2.29	WhyW1	WSW 6	10	10	1440	Squally with 2 showers.
20	29.78	29.79	37.2	29.9	29.3	42.0	2.6	1.7	1.73	1.22	WhyS5	Calm 0	9	2	1040	Squally with 2 showers.
21	29.81	29.80	28.0	32.5	25.5	37.8	1.2	2.3	1.17	1.37	SSW 1	Calm 0	5	2	—	Squally with 2 showers.
22	29.07	29.28	35.2	33.2	29.9	40.8	3.2	2.0	1.47	1.49	WhyE1	N 1	6	0	—	Squally with 2 showers.
23	29.51	29.70	35.0	33.0	30.3	40.3	3.0	3.0	1.48	1.29	N 1	N 1	5	0	—	Squally with 2 showers.
24	29.80	29.78	31.0	32.0	26.3	41.0	2.0	2.0	1.27	1.37	N 1	N 1	5	0	—	Squally with 2 showers.
25	29.66	29.23	31.6	41.8	27.6	42.6	1.6	1.3	1.41	1.23	Calm 0	Calm 0	4	0	—	Squally with 2 showers.
26	29.48	29.52	39.0	40.0	35.1	42.6	2.7	1.0	1.86	2.26	WSW 3	WSW 3	9	10	240	Squally with 2 showers.
27	29.41	29.44	42.4	37.7	37.3	44.3	1.9	1.4	2.31	1.99	WSW 4	WhyS2	9	9	1060	Squally with 2 showers.
28	29.51	29.40	40.6	41.7	36.3	43.3	2.6	0.9	2.01	2.46	WSW 4	WhyS3	9	10	1360	Squally with 2 showers.
Mean	29.480	29.475	38.8	39.0	34.8	43.9	2.0	2.0	2.00	2.01	2.5	2.6	8.6	6.8	4.668	

HILLINGTON.—FEBRUARY 1898.

Height above Mean Sea Level, 88 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 33' E. Lat. 52° 48' N. Gravity Correction, +0.21 in.

1	30.02	29.77	52.0	53.0	41.0	56.5	1.4	1.3	1.35	1.36	90	91	W 3	SW 5	6	10	—	Fine and sunny a. U p.
2	29.53	29.60	42.0	42.0	39.0	53.6	4.2	3.7	1.85	1.93	71	74	W 6	NW 6	8	7	—	Fine and sunny. Bitter wind.
3	29.89	29.55	38.0	33.9	33.6	44.4	1.7	0.1	1.95	1.93	85	99	W 2	NW 3	8	3	220	Overcast all day. △ a. and p.
4	29.23	29.33	35.0	33.5	33.1	38.9	0.1	0.1	2.01	1.89	99	99	NW 3	NW 3	10	6	130	Sunny p. * showers in evening.
5	29.68	29.84	32.7	31.8	31.8	39.5	0.0	0.1	1.86	1.77	100	99	N 3	NW 1	7	10	190	* showers early a. Then fine and sunny.
6	29.53	29.58	39.0	35.7	30.9	45.4	0.2	0.0	2.33	2.09	98	100	W 3	WNW 2	10	9	—	Fine and sunny a. [sunny]
7	29.56	29.80	35.5	33.5	32.0	42.5	0.3	0.9	2.01	1.73	98	91	WNW 3	NW 2	10	3	—	△ a. Fine and sunny. Cold wind.
8	29.82	29.91	32.7	37.5	29.4	45.7	0.2	1.6	1.82	1.93	98	86	W 3	W 2	4	0	—	△ a. Fine and sunny.
9	29.08	29.09	30.9	41.0	28.1	42.4	0.2	1.3	1.68	2.29	98	90	NW 0.5	SW 1	10	10	—	△ a. Overcast all day.
10	29.13	29.13	42.9	45.4	40.4	49.3	1.4	3.1	2.45	2.35	89	78	SW 2	SW 1	10	10	—	△ a.
11	29.15	29.18	44.0	45.0	42.1	49.4	2.4	1.3	2.35	2.68	81	90	SW 3	SW 1	10	10	1010	△ showers.
12	29.18	29.18	45.0	47.9	38.1	50.4	0.3	3.2	2.92	2.59	98	78	SW 0.5	SW 4	10	10	150	Overcast, then fine and sunny.
13	29.98	29.95	40.7	38.3	37.2	48.4	0.7	2.6	2.38	1.82	94	79	NW 0.5	SW 2	10	10	—	Cloudy, then fine and sunny. Much
14	29.98	29.98	42.7	40.1	37.0	47.5	1.9	1.3	2.33	2.21	85	89	SW 3	WSW 1	9	1	020	Overcast all day. p. [cir.]
15	29.99	29.87	46.8	50.9	37.7	53.5	2.1	1.9	2.72	3.24	85	87	WSW 4	SW 6	10	0	—	△ (gale) all day. Fine and sunny.
16	29.86	29.92	45.0	42.2	41.0	51.5	4.3	3.5	2.09	1.99	70	75	WNW 7	NW 6	8	0	—	Fine and sunny a.
17	29.99	29.79	37.3	40.0	32.7	45.4	3.5	1.4	1.58	2.18	72	82	WNW 3	NW 0.5	0	10	030	△ a. then △, p.
18	29.71	29.80	39.1	35.6	33.8	40.5	2.4	0.9	1.93	1.90	81	92	NW 1	N 2	10	3	040	Much cir.
19	29.77	29.47	35.0	37.5	32.8	39.5	3.3	1.7	1.43	1.91	70	85	NW 1	W 3	9	10	030	△ early a. Very fine.
20	29.08	29.11	41.0	27.9	27.2	43.5	1.4	1.2	2.27	2.16	89	77	NW 4	N 1	7	0	010	△ a. and p. Very fine and sunny.
21	29.08	29.16	28.2	25.3	20.9	41.4	1.0	0.2	1.24	1.39	81	95	SW 0.5	N 0.5	3	0	010	△ a. Very fine and sunny.
22	29.49	29.45	28.5	35.0	20.8	43.5	0.8	0.3	1.33	1.97	86	97	W 0.5	N 0.5	0	4	010	△ a. Squally with △ (sleet).
23	29.64	29.86	38.9	36.6	34.7	43.2	2.4	1.0	1.91	1.97	82	91	NNE 2	NE 1	7	10	060	Fine and sunny.
24	29.98	29.02	37.9	35.5	35.1	42.5	3.3	1.6	1.68	1.77	73	85	NE 2	N 0.5	4	5	—	△ a. Fine and sunny. Much cir.
25	29.78	29.78	33.0	41.9	29.0	44.4	1.1	2.7	1.66	2.10	88	80	SW 0.5	WSW 4	8	10	130	Very fine and sunny.
26	29.83	29.91	37.3	36.4	32.9	48.0	1.8	2.4	1.88	1.70	85	79	WSW 3	SW 2	0	3	—	* (sleet) 3p.
27	29.78	29.72	41.5	36.8	34.1	50.5	1.8	2.4	2.25	1.74	87	80	W 4	W 1	10	0	020	△ a. Fine and sunny.
28	29.79	29.77	36.8	40.0	30.7	46.9	1.4	1.5	2.25	2.16	87	88	WNW 2	W 3	0	10	020	
Mean	29.769	29.768	38.6	38.6	33.5	46.0	1.6	1.5	2.05	2.07	86.4	87.3	2.5	2.3	6.8	5.9	1.070	

CHURCHSTOKE.—FEBRUARY 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.			
							Dep.of Wet.		Vapour Tension.								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.	—	—	—	—	—	—	—	—	—	—	—	—	—	ins.	Very stormy. Squally, with ✱ ✱. ☼ on high ground. Bright and sharp. ✱ at night. Thrush heard.		
2	29'61	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
3	29'43	29'34	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
4	28'80	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
5	29'37	29'35	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
6	29'13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
7	—	—	—	—	28'1	55'3	—	—	—	—	—	—	—	—	—	1'075			
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			
13	29'55	29'51	36'9	39'3	—	—	—	0'8	1'8	2'04	2'05	86	WNW ₁	NW ₂	8	8		Cool wind. Squally. Cold wind. Cloudy and mild. ☼ (mist) a. ✱ ● most of day. ☼. Cold wind. ☼. Stormy, with ✱ Bright day. Bright and sharp. Bright and sharp. Cold wind, with ● Snow on hills, ▲ storms. ● showers. ● showers.	
14	58	71	45'8	47'3	39'0	49'1	2'7	2'2	2'47	2'74	81	85	WNW ₂	W ₂	8	10	0'30		
15	53	47	49'8	48'9	45'0	53'3	1'2	2'2	3'37	2'92	91	85	WSW ₃	SW ₄	10	5	0'30		
16	54	58	47'1	43'8	42'6	50'1	4'4	3'4	2'27	2'15	71	74	WNW ₃	W ₂	8	5	—		
17	57	27	41'8	41'8	39'0	45'9	1'5	0'1	2'32	2'63	88	99	W ₁	SE ₁	1	8	10		3'13
18	25	29'44	36'3	25'9	25'2	43'2	0'4	0'7	2'06	1'16	96	83	SE ₁	W ₁	1	10	0		3'00
19	29'35	28'97	31'1	39'8	22'2	40'0	0'8	1'7	1'54	2'11	89	87	W ₁	W ₃	9	10	0'98		
20	28'71	65	35'9	26'8	26'2	42'3	1'0	0'9	1'91	1'16	91	81	WNW ₂	W ₂	2	8	0		0'20
21	56	28'73	29'9	26'3	25'0	36'2	1'1	0'4	1'37	1'28	82	92	E ₂	NW ₁	1	6	0		—
22	28'84	29'09	31'3	30'3	23'4	39'6	1'0	0'6	1'51	1'52	87	91	NNE ₂	NE ₁	1	8	0		—
23	29'29	50	33'9	29'3	27'2	40'5	2'0	0'8	1'56	1'40	79	87	N ₂	N ₁	1	5	0		—
24	59	55	31'1	28'5	23'0	46'0	2'0	1'0	1'27	1'27	72	83	W ₁	Calm	0	4	0		—
25	47	20	35'3	36'1	28'0	45'7	1'9	0'4	1'70	2'04	82	96	E ₂	W ₁	1	8	8		2'75
26	38	42	39'8	40'2	34'0	45'9	3'1	1'7	1'86	2'14	76	87	WSW ₃	W ₂	2	6	3		1'80
27	30	31	43'2	38'3	36'5	49'3	1'5	0'9	2'46	2'14	88	93	W ₂	W ₂	2	6	5		0'55
28	29'39	29'29	41'0	42'6	36'0	47'3	2'1	1'5	2'14	2'40	83	88	W ₁	SW ₂	2	8	8	1'49	
Mean	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2'525		

WOOLACOMBE.—FEBRUARY 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
							Dep. of Wet.		Vapour Tension.		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.	50.6	50.4	49.4	51.8	0.8	0.6	in.	in.	%	%					ins.		
2	30.26	30.03	45.2	44.0	42.2	50.6	2.9	2.3	.238	.237	79	82	NW	3	W	5	10	10	
3	30.09	29.72	45.6	49.0	42.2	49.6	1.7	0.6	.267	.333	87	96	NW	5	NW	6	6	5	
4	29.41	.64	48.8	40.0	39.0	50.2	1.6	2.1	.305	.205	88	83	NW	7	NW	3	8	9	
5	.94	.92	40.6	43.0	38.2	44.4	1.5	2.1	.222	.232	88	83	NW	2	NW	2	9	10	
6	.75	30.83	46.2	42.4	41.2	49.4	0.5	0.9	.301	.251	97	93	NW	4	NW	5	10	7	
7	29.87	30.06	45.2	46.2	41.4	46.6	1.7	2.3	.262	.260	88	84	NW	6	NW	4	6	8	
8	30.09	.14	46.6	46.8	44.0	48.4	1.7	0.9	.277	.298	88	93	NW	4	NW	2	6	2	
9	.17	.19	44.4	47.8	40.0	50.2	0.7	1.1	.276	.305	95	92	S	2	W	3	8	10	
10	.20	.16	46.6	47.0	45.0	49.2	0.9	0.9	.296	.301	94	94	SW	3	S	3	8	8	
11	.17	.27	49.0	47.4	46.2	52.0	1.2	0.6	.317	.312	92	96	SE	4	W	2	7	10	
12	.22	.13	48.8	48.6	41.8	50.0	0.6	1.9	.330	.295	95	87	SW	3	W	4	9	10	
13	.12	.10	43.8	46.8	41.2	49.8	1.7	2.5	.248	.262	87	82	NW	1	W	4	2	4	
14	.20	.33	48.8	48.4	45.0	51.0	1.0	0.6	.319	.324	93	96	NW	4	W	3	7	3	
15	.22	.15	49.2	49.8	47.8	50.0	0.8	0.4	.330	.348	95	97	W	4	W	5	10	10	
16	.22	30.22	48.4	47.6	47.0	50.4	1.9	1.9	.293	.224	87	87	NW	5	NW	4	8	2	
17	30.18	29.89	46.8	49.2	44.4	49.8	3.1	0.6	.249	.335	78	96	NW	3	W	3	8	10	
18	29.73	.93	49.2	37.8	37.6	49.6	0.6	1.9	.335	.190	96	84	W	3	E	4	10	7	
19	.94	.70	38.0	43.8	34.6	44.0	2.7	1.7	.179	.248	77	87	E	1	W	5	7	9	
20	.34	.20	45.6	34.4	34.0	46.8	2.5	0.5	.249	.188	82	95	NW	6	SE	2	8	4	
21	.02	.13	33.8	37.0	32.2	39.0	0.5	2.1	.184	.181	94	82	SE	4	NE	5	10	7	
22	.27	29.54	37.0	41.0	35.0	42.8	1.7	2.3	.187	.210	85	82	NE	4	NE	4	9	4	
23	29.82	30.00	38.4	39.0	36.6	44.0	1.7	2.7	.198	.186	86	79	N	3	NE	2	0	0	
24	30.11	30.11	38.8	36.8	32.4	45.0	1.7	1.7	.203	.186	86	86	NE	1	E	2	3	1	
25	29.99	29.78	42.6	44.8	36.0	47.2	1.7	1.5	.237	.263	85	88	SE	4	NW	7	10	10	
26	30.00	30.05	44.6	46.0	42.0	48.0	4.9	3.1	.195	.241	66	78	NW	5	NW	5	3	3	
27	29.94	29.91	46.8	46.0	43.6	48.4	1.7	3.5	.279	.233	88	76	W	4	W	5	10	4	
28	30.00	29.95	45.4	46.8	42.8	48.6	2.9	1.9	.239	.275	80	86	NW	4	W	4	7	8	
Mean	29.933	29.934	44.8	44.6	40.8	48.1	1.7	1.6	.263	.262	87.6	87.9		3.8		3.9	7.4	6.6	1.360

SOUTHAMPTON.—FEBRUARY 1898.

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	30.21	30.04	52.8	50.1	47.3	56.2	0.9	0.6	374	347	93	96	WNW ₂	SW	4	10	10	0.020	Fine with drying wind.		
2	29.82	29.88	45.2	40.0	38.8	51.6	3.8	3.8	221	175	73	70	W	4.5	WNW ₅	10	2	—	☉ showers p.		
3	30.07	60	40.3	48.9	37.2	49.6	2.3	2.0	204	299	82	86	NW	4	NW	5.5	9	100	☉ a. and p.		
4	29.26	52	45.2	34.1	33.6	50.0	0.4	1.3	292	171	97	86	WNW _{0.5}	NNW	3	10	0	142	☉ a. and p. Beautiful day.		
5	83	97	32.2	32.2	30.2	43.6	0.5	1.3	172	153	94	84	NNW	3.5	Calm	0	0	122	☉ a. [wind.		
6	68	78	47.9	39.0	31.8	50.4	0.7	1.1	315	216	95	91	W	2.5	SW	0.5	10	1	015	☉ a. and p. Beautiful day. Col	
7	29.79	29.99	39.6	37.5	35.4	49.2	2.0	1.8	204	190	84	85	W	3.5	NW	1	0	0	—	☉ a. and p. Beautiful day. Col	
8	30.05	30.07	41.0	39.9	35.0	52.1	1.2	1.8	231	210	90	86	WNW ₂	NW	1	5	0	—	☉ a. Beautiful day. 5p. n.		
9	19	21	35.0	45.3	31.3	52.7	0.8	1.3	188	272	92	90	WNW _{0.5}	SW	1	10	10	—	☉ a. Beautiful day.		
10	25	25	44.7	45.7	43.1	50.5	1.0	0.7	273	291	93	95	SW	1.5	SW	2	10	10	019	☉ a. Beautiful day.	
11	25	29	46.7	46.2	44.9	51.2	2.5	1.3	261	283	82	91	SW	3	SSE	2	10	0	—	☉ a. Beautiful day.	
12	28	14	47.2	48.2	44.5	52.4	0.5	2.5	313	276	97	83	SW	1	SW	4	10	10	083	☉ a. Beautiful day.	
13	04	11	48.1	41.7	41.2	49.2	0.5	2.9	324	206	96	79	SW	2.5	W	1	10	10	030	☉ a. Beautiful day.	
14	18	31	46.2	44.8	40.1	53.9	1.6	1.1	276	271	89	92	WSW	2	W	0.5	10	0	006	☉ a. Beautiful day.	
15	24	12	49.6	51.2	44.2	55.3	2.4	1.3	296	343	83	91	W	3	SW	5	10	10	—	☉ a. Beautiful day.	
16	12	30.13	46.7	46.6	44.2	53.7	3.5	2.6	240	258	76	82	NW	5	W	3	5	2	—	☉ a. Beautiful day.	
17	30.15	29.85	43.3	45.7	39.2	51.6	3.1	0.7	216	291	77	95	NW	2.5	SW	1.5	8	10	105	☉ a. Beautiful day.	
18	29.72	87	43.2	33.8	33.5	49.8	0.4	0.5	271	184	96	94	NE	2.5	NE	2	10	0	262	☉ a. Beautiful day.	
19	91	67	31.5	37.1	27.8	44.3	0.7	1.9	161	185	90	84	NW	1	W	2	3	10	015	☉ a. Beautiful day.	
20	28	21	43.9	34.8	34.6	50.7	1.1	1.5	263	172	91	85	SW	3.5	W	1	10	0	010	☉ a. Beautiful day.	
21	08	13	33.5	34.2	27.4	43.1	0.4	0.7	184	184	95	93	SE	1.5	E	3.5	10	10	1.077	☉ a. Beautiful day.	
22	20	43	33.3	35.8	31.6	38.7	0.3	2.0	184	174	97	83	NE	3	NE	3.5	10	0	—	☉ a. Beautiful day.	
23	29.71	29.91	35.3	37.0	32.4	44.8	1.5	1.5	178	191	86	87	NNE	3.5	NW	3	7	0	—	☉ a. Beautiful day.	
24	30.08	30.12	34.2	36.8	29.5	45.8	2.3	2.0	156	181	98	83	NW	2	NW	1	0	1	—	☉ a. Beautiful day.	
25	07	29.90	31.1	45.5	27.6	46.6	0.1	2.9	172	241	99	79	Calm	0	SW	5	10	10	150	☉ a. Beautiful day.	
26	30.01	30.07	39.7	38.2	34.4	50.6	1.5	1.9	214	193	88	84	W	1	SW	1	0	0	—	☉ a. Beautiful day.	
27	29.96	29.90	44.4	40.1	37.2	48.6	1.7	1.1	255	225	88	91	SW	3	W	1	9	0	090	☉ a. Beautiful day.	
28	29.97	29.95	43.2	43.8	35.2	52.0	2.0	2.3	236	237	85	82	WNW _{3.5}	SW	1	2	10	0	005	☉ a. Beautiful day.	
Mean	29.906	29.908	41.6	41.2	36.2	49.6	1.4	1.7	238	229	88.8	86.7	2.4	2.3	7.4	4.8	2.251				☉ a. Beautiful day.

PLYMOUTH.—FEBRUARY 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	°	°	°	58.3	0.1	0.1	in.	in.	%	%	SW 3	SW 4	10	10	ins.	Overcast, with $\frac{1}{2}$ (mist).
2	30.25	30.06	51.0	50.0	48.4	51.2	0.1	0.1	371	358	99	99	WNW 5	NW 5	5	2	110	Squally $\frac{1}{2}$ (gale) $\frac{1}{2}$ showers.
3	29.92	29.99	40.6	42.3	36.0	49.5	1.2	4.9	227	178	90	66	NW 3	W 3	8	10	140	Cold $\frac{1}{2}$ showers.
4	30.12	79	43.0	49.5	40.6	49.5	2.3	1.2	228	323	82	91	NW 8	N 4	6	4	140	$\frac{1}{2}$ showers.
5	29.40	55	50.3	39.2	38.1	50.9	3.5	3.7	279	171	77	73	NNW 3	NE 1	1	10	150	— Fine and sunny. Cold wind
6	75	98	36.5	41.2	32.2	43.2	2.6	3.1	168	198	78	77	W 4	SW 3	7	3	150	$\frac{1}{2}$ showers. Sunny intervals.
7	29.79	30.03	43.0	41.5	38.0	47.0	2.5	1.1	225	239	81	91	WNW 5	WNW 2	6	4	150	$\frac{1}{2}$ showers. Sunny intervals.
8	30.07	09	44.8	44.9	37.8	49.1	2.3	1.2	246	270	83	92	NW 1	N 1	7	4	160	Frequent $\frac{1}{2}$ showers a. Fine p.
9	14	17	41.3	46.0	35.0	50.7	0.6	0.9	247	289	96	94	NE 1	W 2	5	9	—	Fine and sunny a.
10	18	15	48.5	49.0	43.9	49.9	3.2	1.8	266	303	78	87	SW 3	S 4	10	10	160	—
11	13	24	49.0	50.0	47.2	51.1	1.5	1.1	310	332	90	92	SSW 6	SW 4	10	10	160	Cloudy all day, with $\frac{1}{2}$ showers.
12	22	11	50.2	48.0	46.2	50.4	1.0	1.2	337	304	93	92	SSW 3	W 2	10	8	160	Fine and sunny a.
13	05	11	44.6	44.8	43.0	49.2	1.0	2.4	272	244	93	83	NW 3	S 1	8	10	160	$\frac{1}{2}$ showers.
14	17	32	50.0	49.2	46.5	52.9	2.1	0.6	307	335	85	96	WNW 3	SW 1	7	8	160	—
15	25	16	50.0	50.7	46.0	52.2	1.6	0.3	319	362	89	98	SW 5	SW 4	10	10	—	Overcast and squally.
16	20	30.19	48.3	47.6	45.5	52.1	2.3	1.6	282	290	84	89	NW 3	NW 3	6	8	—	Fine and sunny.
17	30.15	29.89	47.0	50.0	44.2	52.7	2.2	0.6	271	345	85	96	NW 3	NW 2	8	10	160	Dull and damp.
18	29.74	80	50.5	39.5	38.1	52.9	1.0	1.7	342	209	93	86	NW 3	NE 2	10	10	—	Overcast all day.
19	90	75	37.5	41.2	31.9	43.0	2.6	3.1	176	198	78	77	NNW 3	NW 1	2	0	160	Beautiful day.
20	29.33	29.23	45.0	39.0	36.0	48.0	1.5	2.4	264	192	89	81	NW 4	NW 2	10	0	160	$\frac{1}{2}$ $\frac{1}{2}$ showers. Sunny intervals.
21	28.99	28.98	35.0	35.0	29.2	40.0	1.1	1.7	182	170	89	83	NE 1	ENE 6	7	9	360	$\frac{1}{2}$ (gale) $\frac{1}{2}$ showers.
22	29.12	29.41	32.0	38.0	29.0	39.0	0.6	3.4	167	167	92	72	N 6	N 4	10	0	160	$\frac{1}{2}$ (gale) $\frac{1}{2}$.
23	70	29.93	37.0	36.2	32.0	42.5	3.1	2.7	163	165	74	77	N 5	N 2	1	0	—	Beautifully fine and sunny all day.
24	96	30.09	35.5	34.3	29.0	44.3	2.6	1.4	159	172	77	86	N 3	NE 2	3	0	—	Fine and sunny nearly all day.
25	29.98	29.77	47.0	47.4	28.6	48.5	2.5	0.1	264	325	83	99	S 5	SE 8	10	10	140	Squally $\frac{1}{2}$. Wind veered to W.N.W. 100
26	30.00	30.07	42.5	45.5	36.3	50.9	3.5	1.5	202	270	74	89	NW 1	W 3	0	0	160	Bright and sunny nearly all day.
27	29.97	29.90	46.1	43.7	36.2	48.9	1.4	2.4	279	233	90	81	W 3	NW 1	9	5	150	—
28	29.99	29.97	44.0	45.7	38.9	50.5	2.4	1.7	236	268	81	88	WNW 3	WNW 5	7	4	—	Fine and sunny.
Mean	29.907	29.912	44.3	44.0	38.2	48.7	1.9	1.8	254	255	85.3	86.5	3.5	2.9	6.9	6.0	1.420	—








ARMAGH.—FEBRUARY 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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.	52.6	45.2	43.3	55.0	0.6	2.6	in.	in.	%	%					ins.	
2	29.79	29.52	42.2	38.0	34.7	45.5	0.6	2.6	38.0	24.3	96	81	SW 4	SW 4	10	10	ins.	
3	40	79	42.2	38.0	34.7	45.5	4.8	1.4	178	201	67	88	W 3	WNW 3	8	7	Overcast all day.	
4	71	49	42.8	42.8	34.2	49.0	1.0	1.0	254	254	92	92	WSW 2	W 2	10	10	102	
5	26	59	33.6	30.4	30.2	43.2	0.0	0.0	193	170	100	100	N 1	NNW 1	10	7	336	
6	82	51	35.0	43.5	28.2	44.0	1.0	0.1	184	280	90	99	W 1	SSW 4	9	10	048	
7	46	46	36.9	33.8	32.2	48.2	1.1	0.2	198	190	91	98	WSW 1	SW 3	2	2	008	
8	63	78	38.0	38.5	31.3	43.0	1.1	0.8	206	217	90	93	W 1	SW 2	4	10	103	
9	80	89	41.8	40.0	36.5	45.5	1.5	1.0	234	226	88	92	WSW 2	SW 3	10	8	007	
10	80	76	44.0	46.8	40.0	47.2	1.0	0.2	265	316	92	98	SSW 4	SSW 4	10	10	020	
11	78	29.68	49.0	46.2	45.4	50.2	1.1	2.6	320	255	92	82	SSW 4	S 4	10	10	024	
12	87	30.00	44.5	42.1	38.4	49.3	1.5	1.5	259	236	88	88	SSW 3	SSW 3	8	3	082	
13	74	29.73	45.5	38.1	38.0	49.0	2.3	1.1	252	207	83	90	SSW 5	SW 3	10	10	062	
14	80	64	39.0	42.0	32.3	44.2	2.0	0.9	199	247	84	93	SSW 3	SSW 4	9	10	026	
15	88	88	42.1	47.3	38.3	49.0	1.6	2.5	234	268	88	83	SW 3	SW 4	10	10	070	
16	64	29.72	51.0	44.6	43.8	52.2	0.2	3.1	369	228	99	78	SW 5	WSW 4	7	10	060	
17	86	30.00	43.8	40.6	38.9	46.2	3.0	2.0	222	212	77	85	W 3	W 3	10	3	062	
18	92	29.64	40.6	41.5	35.0	44.0	1.0	0.0	232	262	92	100	SW 1	ESE 1	10	9	005	
19	71	88	36.0	33.8	32.8	41.5	0.0	0.3	212	188	100	97	NE 1	N 1	10	10	502	
20	72	29.28	36.6	43.8	32.6	44.5	1.0	0.6	197	271	91	96	SW 2	WSW 2	10	10	—	
21	13	28.94	36.0	29.6	29.0	44.0	1.0	0.2	193	159	91	97	NW 1	SW 3	7	9	160	
22	01	29.19	32.9	31.8	25.5	39.0	1.2	0.3	162	173	86	96	NE 1	N 1	3	0	—	
23	35	57	36.8	30.8	25.2	43.7	1.9	0.8	183	152	84	88	N 1	NNE 1	0	3	—	
24	79	90	34.9	31.6	24.5	44.0	1.9	0.8	165	159	81	89	NNE 1	NNE 1	0	0	—	
25	90	79	37.5	39.8	28.8	44.0	2.7	2.2	175	202	77	83	S 3	S 4	4	10	—	
26	52	44	44.0	36.6	36.5	47.4	1.4	1.6	257	186	89	86	SSE 5	WSW 2	10	3	—	
27	67	66	35.3	39.2	32.4	45.2	0.7	0.6	193	228	94	95	SW 3	SW 3	10	9	270	
28	60	64	42.0	36.9	35.8	46.3	2.2	0.2	221	215	84	98	SW 3	SW 1	8	5	090	
Mean	29.69	29.55	39.7	42.0	34.2	44.0	1.7	1.3	210	239	86	90	SW 2	SW 3	10	10	106	
Mean	29.652	29.639	40.5	39.2	34.2	46.0	1.4	1.1	227	221	88.3	91.3	2.5	2.6	7.8	7.4	3.102	

MARKREE CASTLE.—FEBRUARY 1898.

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	29.86	29.60	53.0	44.0	42.8	54.5	0.6	3.8	386	209	96	72	SSW 2	W 3	10	8	Stormy with  showers.
2	56	94	41.0	42.1	37.1	44.6	4.8	3.1	167	206	65	77	WNW 3	NNW 3	8	7	
3	84	60	45.0	44.0	38.4	49.0	1.0	0.8	275	270	92	94	WSW 2	SW 0.5	10	10	
4	34	70	44.8	33.2	33.0	47.5	2.5	0.2	241	186	81	98	NW 4	Calm 0	10	9	Stormy with  showers a.
5	91	60	34.0	47.0	30.6	47.3	0.6	0.5	184	311	93	97	Calm 0	SW 1	10	10	
6	57	59	38.2	35.4	33.9	49.2	2.7	0.6	180	196	78	95	SW 2	N 2	7	9	
7	74	88	39.9	40.0	35.1	46.3	1.4	1.4	218	218	89	89	NW 2	SW 1	8	8	 showers during day.
8	92	96	44.0	44.5	39.3	48.8	2.9	0.6	226	280	78	95	NNW 2	SW 1	9	9	
9	84	77	45.0	48.8	42.3	49.5	2.0	0.8	253	325	85	94	SSE 1	S 2	9	10	
10	79	29.68	49.1	47.2	45.0	50.6	1.6	2.1	309	275	89	86	S 2	SE 3	10	10	Overcast all day.
11	94	30.04	42.0	45.0	38.4	49.7	1.0	2.0	245	253	92	85	SSW 1	S 0.5	9	10	
12	74	29.83	47.2	37.2	36.8	49.5	2.4	1.7	269	189	84	85	SW 4	W 0.5	10	8	
13	85	71	39.0	43.8	31.5	44.5	1.8	1.1	203	261	86	92	SW 1	SW 2	8	10	
14	96	91	44.2	47.0	41.3	49.2	2.2	1.8	242	280	83	87	S 1	SW 3	9	10	
15	29.72	29.89	51.4	45.2	44.8	52.8	0.7	3.4	361	228	95	76	WSW 3	S 2	10	10	
16	30.01	30.11	44.1	45.0	42.9	47.1	2.9	2.8	227	237	77	79	SW 1	SW 1	9	10	
17	29.98	29.71	41.2	49.0	38.6	50.6	0.2	0.3	255	340	98	98	S 0.5	SSW 1	10	10	
18	77	98	38.8	35.1	35.0	49.5	1.0	1.3	217	179	92	87	NNE 1	Calm 0	9	9	
19	83	42	39.7	45.0	34.7	45.5	1.5	1.0	214	275	88	92	SW 1	WSW 3	9	10	***
20	25	03	32.0	30.0	29.5	45.4	0.9	0.5	160	153	88	92	NW 2	WSW 3	8	8	
21	11	31	32.1	36.8	30.0	38.6	2.0	2.6	140	171	76	78	NE 1	NW 1	8	8	
22	45	67	38.0	34.3	33.0	44.3	2.5	1.3	182	172	79	86	NNW 2	N 0.5	7	9	
23	86	96	33.5	34.0	25.3	46.9	2.5	0.6	142	184	74	93	N 0.5	Calm 0	8	9	
24	92	77	38.0	42.0	30.8	47.3	3.2	1.6	170	233	74	88	SSE 2	SSE 3	9	9	
25	45	55	46.0	35.0	34.4	47.8	1.8	1.0	269	184	87	90	SSE 3	SSW 2	10	8	
26	77	75	40.2	40.6	33.9	44.3	3.0	1.6	191	219	77	87	SW 2	SW 1	8	10	
27	70	75	44.0	37.8	37.6	49.0	2.8	0.6	228	214	78	95	WSW 2	NW 2	9	9	
28	29.80	29.67	42.0	42.9	36.5	46.3	2.0	1.9	225	235	85	85	SW 1	NNW 2	9	8	4.960
Mean	29.732	29.727	41.7	41.1	36.2	47.7	1.9	1.5	228	232	84.3	88.3	1.8	1.6	8.9	9.1	

DUBLIN (PHENIX PARK).—FEBRUARY 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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.	53.1	46.9	46.1	57.1	0.6	4.4	388	225	96	71	WSW 2	WSW 3	10	6	ins.	Cloudy, with ☉ showers.
2	29.56	29.70	38.4	37.2	33.7	47.1	3.0	1.6	176	191	76	86	WSW 3	W 2	2	2	0.30	* Δ 2 1p.-2p.
3	29.88	29.58	41.6	46.3	35.4	48.8	1.7	2.5	228	258	87	83	W 2	WNW 2	6	6	2.05	Cloudy, with ☉ showers.
4	29.30	29.63	42.3	34.4	32.9	47.0	1.4	2.5	240	151	89	76	WNW 3	Calm 0	10	5	0.70	Dull day. ☐☐.
5	29.90	29.68	33.5	42.9	28.0	43.1	2.3	1.2	146	250	76	91	Calm 0	SW 2	1	10	0.60	Bright a. ☉ showers p.
6	29.58	29.63	39.3	34.7	34.6	47.9	2.5	1.0	192	182	81	91	W 2	WSW 1	2	7	0.30	Bright a. Cloudy p.
7	29.72	29.89	37.1	40.0	34.2	44.9	1.3	1.4	195	218	88	89	W 2	W 1	6	9	0.10	
8	29.92	29.00	41.2	41.4	36.9	47.5	1.9	1.7	219	226	85	88	W 2	Calm 0	4	7	—	Bright a. Cloudy p.
9	29.94	29.88	45.0	47.2	40.8	49.3	3.1	3.2	231	251	77	78	SW 2	SW 3	9	6	0.05	
10	29.91	29.82	50.0	47.0	45.9	53.6	2.3	4.3	302	227	84	71	SSW 2	SW 4	7	2	0.60	Cloudy day.
11	29.98	29.12	41.6	41.5	39.5	50.0	0.7	2.1	249	219	95	84	Calm 0	Calm 0	4	0	—	Beautiful day.
12	29.93	29.85	45.6	39.7	36.0	50.1	3.9	0.9	223	226	73	92	SW 3	WNW 1	8	10	0.60	Dull day. ☉ 7p.-10p.
13	29.94	29.82	38.7	42.0	33.7	45.6	2.8	2.1	182	223	78	84	WSW 1	SW 2	2	2	0.30	Cloudy day. ☉ showers 8p.-mid.
14	30.00	30.03	44.5	48.0	40.9	51.4	2.3	3.0	242	263	83	79	WSW 1	SW 2	4	2	0.05	
15	29.80	29.90	53.0	44.5	42.9	54.8	3.2	3.3	317	223	79	75	WSW 3	WSW 3	7	2	0.05	
16	29.99	30.09	45.8	44.2	43.0	49.2	3.9	3.3	225	220	73	75	W 2	WNW 1	4	8	—	
17	30.03	29.72	42.1	49.2	38.7	50.0	1.4	0.6	238	335	89	96	Calm 0	W 1	10	10	4.90	Dull, with ☉.
18	29.71	29.93	39.9	35.2	34.8	49.5	0.4	2.8	238	153	97	74	ENE 1	NNE 1	10	7	0.85	Dull, with ☉ a. Cloudy p.
19	29.87	29.47	34.6	41.9	28.7	43.4	2.7	1.9	149	226	75	86	W 1	WSW 2	8	9	0.30	Cloudy day. ☉ p.
20	29.74	29.08	34.6	29.8	28.9	43.7	1.9	1.1	163	137	81	82	NW 1	WSW 1	6	1	0.20	* 2 showers a.
21	29.99	29.24	35.1	31.9	28.1	39.4	2.2	0.7	161	164	79	91	Calm 0	Calm 0	4	0	0.10	* 5a. Cloudy day.
22	29.39	29.61	33.0	33.1	27.9	43.2	1.1	1.9	165	150	88	79	N 1	Calm 0	5	0	—	Cloudy day.
23	29.84	29.99	34.6	26.3	25.9	43.6	2.1	0.6	160	124	79	87	Calm 0	Calm 0	0	0	—	Beautiful day.
24	30.03	29.33	33.1	41.4	22.9	48.7	2.2	3.9	144	187	76	72	Calm 0	SSW 2	4	2	—	Beautiful day.
25	29.69	29.59	47.0	35.5	35.1	50.9	4.3	1.8	227	174	71	84	S 2	WSW 1	9	0	1.90	Cloudy day.
26	29.83	29.82	38.0	41.2	33.4	46.8	2.4	1.7	183	223	80	87	WSW 1	WSW 1	2	8	0.50	Bright a. Cloudy p.
27	29.73	29.78	42.4	37.6	37.3	48.7	2.4	1.2	221	202	82	90	W 2	W 1	2	6	0.05	Beautiful day.
28	29.84	29.73	40.5	43.7	35.0	46.8	2.5	2.7	202	227	80	79	WSW 1	WSW 2	7	7	0.70	Cloudy day. ☉ showers p.
Mean	29.767	29.763	40.9	40.2	35.0	47.9	2.2	2.1	215	209	82.0	82.9	1.4	1.4	5.4	4.8	1.680	

DEERNESS.—MARCH 1898.

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, $+0.036$ in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.					Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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° 98	29° 08	34° 0	37° 2	31° 0	37° 6	1° 2	1° 1	1° 72	2° 00	87	90	NW 3	NNE 5	8	9	* ² all day. ☒		
3	29° 34	47	38° 0	37° 0	35° 2	42° 0	2° 4	1° 0	1° 90	2° 00	81	91	NNE 4	N 3	1	6	Sunny day.		
4	59	68	37° 3	39° 0	34° 4	41° 3	1° 2	2° 7	1° 99	1° 86	90	79	N 5	N 8	6	2	Cold and dry with ☒.		
5	74	81	39° 0	36° 0	32° 6	40° 0	1° 0	3° 3	2° 18	1° 53	92	72	N 6	NNW 2	5	9	* ² (sleet) * ¹ showers all day.		
6	59	42	34° 0	35° 2	31° 0	36° 0	2° 7	1° 0	1° 44	1° 86	74	90	Calm 0	SE 4	4	10	* ² showers. Cir. in bands N to S		
7	48	29° 72	37° 0	39° 0	34° 5	39° 7	1° 5	2° 0	1° 91	1° 99	87	84	SSE 5	SE 4	10	10	* ² showers most of day.		
8	29° 93	30° 03	37° 0	35° 0	33° 5	39° 3	1° 1	2° 0	2° 00	1° 64	90	80	Calm 0	NNE 1	7	0	Fine and calm.		
9	30° 01	29° 82	36° 4	39° 5	33° 0	40° 9	1° 7	2° 5	1° 84	1° 94	85	80	Calm 0	S 5	2	6	Fine from 10a. ∞ p.		
10	29° 83	87	41° 2	40° 0	38° 2	45° 2	2° 4	1° 8	2° 10	2° 11	82	86	SW 3	SW 4	1	4	Fine day. ☐		
11	77	96	43° 0	41° 4	38° 4	46° 8	1° 7	1° 4	2° 40	2° 31	86	89	WSW 5	WSW 1	8	1	Fine day.		
12	85	69	43° 2	44° 0	38° 3	48° 0	1° 4	1° 6	2° 49	2° 52	89	87	SSW 3	SSW 5	9	5	Fine day. ☐		
13	56	67	41° 1	39° 7	37° 2	45° 6	2° 1	2° 7	2° 14	1° 92	83	78	SW 4	SW 3	10	2	☐ (mist) ☐.		
14	49	21	41° 7	40° 8	36° 2	45° 0	1° 9	2° 8	2° 25	1° 99	86	78	S 6	SW 7	10	0	☐ till 5p. ☐.		
15	52	64	36° 2	37° 0	33° 7	41° 2	3° 9	3° 8	1° 45	1° 52	67	69	NW 4	S 5	1	1	Fine, dry, and cold all day.		
16	19	22	41° 6	40° 2	36° 2	46° 0	1° 6	1° 4	2° 29	2° 20	88	89	S 7	W 5	10	1	☐ 11a.-3p. ☐.		
17	35	36	41° 2	40° 2	38° 5	47° 8	1° 0	0° 4	2° 37	2° 04	93	98	SSW 4	WSW 5	10	10	☐ 2 showers all day.		
18	28	24	49° 0	44° 8	43° 2	50° 0	1° 2	0° 0	3° 17	2° 97	92	100	WSW 6	WNW 2	10	10	☐ 2 all day.		
19	05	11	43° 2	39° 3	38° 3	46° 0	0° 0	0° 6	2° 79	2° 29	100	96	NE 1	WNW 3	10	10	☐ a. ☐ p.		
20	43	69	36° 0	37° 3	31° 2	40° 0	2° 0	3° 3	1° 75	1° 63	82	73	NW 5	NW 5	8	5	* ² showers all day.		
21	76	82	36° 7	37° 0	33° 0	43° 3	1° 5	2° 8	1° 89	1° 68	87	77	W 5	NW 2	1	1	* ² showers till 4p.		
22	88	92	38° 8	39° 0	35° 0	41° 3	3° 3	1° 9	1° 75	2° 01	75	85	NW 4	Calm 0	5	3	☐		
23	78	53	42° 0	43° 2	35° 0	45° 3	1° 2	0° 0	2° 41	2° 79	91	100	SW 3	SW 2	9	10	☐ from 3p.		
24	29° 82	29° 92	39° 8	37° 3	36° 8	45° 2	3° 7	1° 3	1° 76	1° 97	72	89	N 6	N 7	4	2	☐ showers. Bitterly cold p.		
25	30° 11	30° 28	38° 8	38° 6	33° 0	42° 0	3° 8	2° 2	1° 66	1° 92	71	82	NNE 7	NNE 5	5	8	Fine, dry, and cold all day.		
26	32	30° 29	38° 6	36° 0	35° 2	42° 8	4° 6	4° 0	1° 52	1° 42	65	66	NE 4	NE 2	2	3	Fine, dry, and cold all day. Stars scintillating.		
27	30° 11	29° 96	37° 3	36° 3	33° 2	41° 6	4° 3	3° 3	1° 47	1° 55	66	72	NE 3	NE 5	6	1	Bitterly cold and dry all day.		
28	29° 88	73	40° 0	39° 2	35° 0	41° 5	3° 8	3° 9	1° 75	1° 67	70	71	NE 4	NE 4	7	10	Bitterly cold and dry all day.		
29	61	32	41° 0	36° 0	34° 6	42° 1	4° 6	0° 7	1° 80	1° 99	70	94	E 2	NNE 5	10	10	☐ 11a. ☐ from 6p.		
30	27	30	34° 0	36° 4	33° 0	40° 9	0° 6	1° 2	1° 84	1° 93	93	90	ENE 2	NE 1	10	1	☐ 2 then * ² showers.		
31	36	46	42° 1	38° 0	33° 0	43° 8	1° 8	1° 7	2° 30	1° 95	86	85	N 2	Calm 0	7	0	Fine and sunny.		
32	29° 50	29° 54	41° 0	40° 1	35° 0	44° 5	2° 0	0° 2	2° 15	2° 44	84	98	W 2	SW 2	10	10	☐ from 9p.		
Mean	29° 621	29° 637	39° 4	38° 9	35° 0	43° 0	2° 1	1° 9	2° 02	2° 02	82° 7	84° 5	3° 7	3° 6	6° 6	5° 2	3° 595		

DUNROBIN CASTLE.—MARCH 1898.

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°26	29°41	31°0	36°8	30°0	40°8	0°8	1°8	'153	'184	87	85	W	W	—	—	'120	✱ showers.
2	'62	29°77	36°5	37°0	35°0	41°2	0°5	'187	'182	87	83	N	N	—	—	'390	Dull day.	
3	29°82	30°04	39°0	37°0	35°0	40°2	1°5	2°0	'209	'182	88	83	N	E	—	—	'340	● showers.
4	30°04	30°02	36°0	33°5	33°0	37°0	1°0	2°5	'193	'142	91	74	N	NW	—	—	'300	Dull, with ● showers.
5	29°82	29°58	30°0	35°0	35°0	36°0	0°2	2°0	'161	'164	97	80	NW	NW	—	—	'190	✱ showers.
6	29°67	29°56	33°0	38°0	30°0	41°0	1°0	3°0	'167	'173	89	75	N	NW	—	—		
7	30°09	30°27	34°0	33°0	33°0	41°0	0°5	1°0	'186	'167	95	89	N	NW	—	—		
8	'23	'05	34°8	38°0	27°8	42°2	2°0	3°0	'162	'173	81	75	NW	NW	—	—		Clear and frosty.
9	'05	'10	34°8	39°0	34°0	49°0	2°0	2°0	'162	'199	81	84	W	NW	—	—		
10	'01	30°18	42°5	40°4	39°0	50°8	2°0	2°0	'235	'211	85	84	W	NW	—	—		
11	30°06	29°53	43°8	47°0	40°0	50°0	1°8	4°2	'246	'229	86	72	W	NW	—	—	'060	Fine day.
12	29°78	'93	40°5	37°8	36°5	50°0	1°5	3°8	'220	'159	88	69	W	W	—	—		
13	'74	'56	42°0	38°2	34°0	48°8	2°5	1°4	'216	'202	82	88	SW	W	—	—	'230	
14	'76	'87	36°0	35°0	33°8	43°0	1°5	2°0	'184	'164	87	80	NW	E	—	—		▲ showers a.
15	'47	'52	42°8	39°8	34°0	51°0	2°8	1°8	'217	'209	79	86	SW	W	—	—	'190	Dull and cold.
16	'61	'64	43°8	47°0	38°0	52°0	2°8	1°0	'226	'298	78	93	SW	W	—	—		Dull a.
17	'42	'50	51°5	52°0	45°0	56°0	2°7	3°0	'312	'310	82	80	W	W	—	—	'130	Dull and mild. ● showers p.
18	'37	29°45	54°8	41°8	41°0	55°0	4°0	2°8	'393	'209	76	79	SW	W	—	—	'100	● showers a. Dull and mild.
19	'79	30°04	36°5	34°8	33°8	43°0	2°5	2°8	'170	'146	78	73	W	W	—	—	'070	✱ (sleet) showers.
20	30°09	30°06	39°0	38°8	30°2	47°0	1°8	1°8	'203	'201	86	85	NW	NW	—	—	'100	
21	30°11	30°16	43°5	41°0	36°0	49°0	3°5	2°0	'210	'215	74	84	W	W	—	—		
22	29°99	29°80	42°8	47°0	36°8	47°2	3°0	0°8	'213	'303	78	94	SW	SW	—	—	'280	Dull day.
23	29°99	30°18	44°0	37°0	36°0	49°0	2°2	2°0	'240	'182	83	83	NE	NE	—	—		
24	30°30	'47	41°0	38°0	35°0	45°0	4°8	2°5	'167	'182	65	79	NE	NE	—	—	'100	
25	'50	'51	40°0	36°0	35°0	44°0	4°2	3°8	'169	'145	68	68	NE	NE	—	—		Dull a. Cold wind p.
26	'31	30°12	36°8	38°5	33°0	41°0	4°8	4°5	'153	'153	62	65	NE	NE	—	—		Dull, with cold wind.
27	30°00	29°88	41°5	36°0	36°0	44°0	4°5	1°0	'177	'193	68	91	NE	NE	—	—	'150	Dull and cold.
28	29°78	'46	39°8	38°0	35°0	42°8	3°6	3°0	'178	'173	72	75	E	NE	—	—	'230	
29	'41	'57	37°5	39°0	36°5	42°0	1°7	2°8	'191	'185	85	78	NE	W	—	—	'049	● showers a. Dull p.
30	'57	'70	39°5	39°8	38°8	43°8	2°5	4°3	'194	'167	80	68	NW	NW	—	—	'180	
31	29°74	29°77	43°2	39°0	38°8	48°0	6°0	2°5	'167	'190	59	81	W	NW	—	—	'030	Fine day.
Mean	29°851	29°886	39°7	39°0	35°1	45°5	2°5	2°4	'199	'193	80°5	80°1			—	—	3°230	

BRAEMAR.—MARCH 1898.

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 82° Fahr.		Air Temperature.					Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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°07	28°11	28°9	38°9	26°8	35°2	0°9	0°6	°132	°176	84	93	SW	0°5	W	2	10	6	ins. 340
2	°34	°49	33°6	33°6	30°6	38°8	0°8	1°1	°177	°170	91	88	NW	2	NW	0°5	7	10	°010 * ⁰ showers.
3	°55	°69	33°0	33°0	31°0	36°0	0°7	0°5	°173	°177	92	94	N	0°5	N	1	7	6	°050 * ⁰ showers.
4	°74	°78	34°0	29°6	28°5	36°0	1°5	0°6	°166	°148	84	90	N	0°5	N	0°5	10	5	°200 * ⁰ showers.
5	°61	°39	21°6	30°9	13°0	32°0	0°5	0°4	°099	°164	85	94	N	0°5	SW	6	10	9	°020 * ⁰ showers.
6	°46	28°67	31°9	29°4	25°8	39°2	1°4	0°9	°172	°138	95	85	SW	0°5	SW	0°5	9	8	— Fair and clear.
7	28°89	29°00	26°6	22°6	22°0	35°3	1°1	0°6	°111	°100	77	83	SW	0°5	SW	0°5	9	6	— Dull, with ∞.
8	29°00	28°89	12°3	22°4	8°5	35°2	0°8	0°9	°056	°089	74	75	SW	0°5	SW	0°5	0	6	°020 Fine day.
9	28°88	°96	37°8	33°9	30°2	43°7	1°0	0°4	°208	°187	92	96	SW	0°5	SW	0°5	7	8	— Fine day.
10	°88	°99	38°6	38°6	32°2	44°0	1°7	0°9	°201	°217	86	93	SW	0°5	SW	0°5	8	4	— Fine day.
11	°92	°77	40°9	42°6	36°2	45°7	0°8	2°8	°238	°215	94	80	SW	0°5	SW	4	4	6	— Fine day.
12	°62	°76	39°6	34°6	34°0	43°7	1°1	3°3	°221	°139	91	67	SW	4	W	0°5	9	1	°010 Fine day.
13	°65	°41	38°6	37°0	30°0	39°0	2°8	2°5	°182	°174	78	79	SW	0°5	SW	1	7	2	°100 Dull, with * ⁰ showers.
14	°55	°69	34°9	30°6	29°0	39°2	3°6	2°1	°137	°121	69	71	SW	0°5	N	0°5	5	3	°010 * ⁰ showers.
15	°36	°35	37°4	39°1	28°3	46°2	1°8	2°6	°189	°189	85	80	SW	6	W	4	8	6	°010 Dull and cold. ^W .
16	°50	°52	40°6	44°6	36°3	49°3	2°3	1°1	°207	°270	82	92	W	0°5	SW	0°5	8	10	—
17	°35	°36	48°6	49°6	43°0	51°0	2°5	2°1	°282	°303	83	86	SW	4	SW	1	8	9	— Dull day,
18	°22	°19	50°0	44°6	43°3	58°7	2°6	0°3	°295	°287	82	97	SW	6	SW	1	8	8	°140 Gusty.
19	°53	°76	34°9	32°6	31°0	45°2	1°4	2°4	°175	°136	87	73	NW	2	NW	2	7	2	°020 * ⁰ showers.
20	°88	°88	34°4	36°6	31°0	41°0	1°1	2°1	°177	°178	88	83	SW	2	SW	1	7	7	°010 * ⁰ showers.
21	°90	°92	38°0	37°6	34°2	46°0	2°5	1°7	°182	°193	79	85	NW	1	NW	0°5	6	3	—
22	°82	°59	38°9	41°8	31°3	44°3	3°2	1°1	°177	°242	76	92	W	0°5	SW	0°5	6	10	°150 Fair a. ^W p.
23	°73	28°87	38°1	33°8	32°8	44°3	1°6	2°3	°198	°149	86	77	NE	4	N	6	9	8	°040 Gusty * ⁰ showers.
24	28°97	29°15	32°9	32°9	29°7	37°8	1°0	0°6	°166	°176	89	93	NE	6	NE	1	8	8	°150 * ⁰ showers.
25	29°20	29°16	28°9	29°8	28°3	37°2	0°6	1°1	°142	°137	89	82	NE	2	NE	2	5	2	°020 * ⁰ showers.
26	28°98	28°79	30°8	32°6	27°0	34°3	0°8	1°1	°152	°162	88	87	NE	2	NW	4	5	8	— Fair but cold.
27	°74	°61	34°6	32°4	31°2	37°0	0°9	0°9	°183	°165	92	89	NE	2	NE	1	8	10	°290 Dull, cold, and cloudy.
28	°49	°30	33°6	33°6	29°3	35°4	1°1	1°3	°170	°166	88	86	NE	0°5	E	0°5	8	10	°080 * ⁰ (4 inches deep).
29	°17	°30	32°4	33°6	30°0	38°0	1°2	1°0	°158	°172	85	89	E	0°5	E	0°5	8	8	—
30	°36	°46	30°6	35°8	22°8	41°3	1°3	1°0	°139	°193	81	92	E	0°5	E	0°5	6	7	— Dull, with * ⁰ .
31	28°53	28°58	32°9	34°4	23°0	44°2	0°9	1°1	°167	°173	90	86	E	0°5	W	0°5	1	6	— Fine day.
Mean	28°641	28°657	34°5	34°7	29°0	40°9	1°4	1°3	°175	°178	85°2	85°7	1°7	1°5	7°0	6°5	1°670		

LAUDALE.—MARCH 1898.

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°32	29°39	36°6	37°0	32°0	42°0	2°6	1°0	°169	°200	78	91	N	3	N	5	7	10	°200	✱ ² showers n. and p.
2	°65	°71	38°5	39°0	33°0	43°2	1°0	1°0	°192	°199	83	84	N	2	N	2	3	10	°030	✱ ² (sleet) showers. ✱ (gale) p.
3	29°84	29°94	35°0	35°5	30°7	41°2	1°0	1°5	°184	°179	90	86	N	3	NNE	2	6	5	°020	✱ ² (gale) ✱ showers.
4	30°03	30°05	37°4	34°4	32°0	42°2	2°4	2°4	°178	°153	80	76	NNE	3	NE	1	3	0	°030	✱ ² a. ✱ p.
5	29°79	29°55	35°0	37°0	28°4	37°7	1°4	1°4	°176	°193	86	88	SE	3	SSE	6	10	10	°420	✱ ² a. ✱ (gale) ✱.
6	29°62	29°87	39°4	33°0	32°0	43°0	1°3	1°6	°181	°155	75	82	NE	2	Calm	0	3	0	—	✱ ² a. Fine p. ✱ p.
7	30°08	30°21	33°3	36°0	29°8	44°7	1°2	2°0	°164	°175	86	82	Calm	0	SE	1	2	7	—	✱ ² a. Cold and dry p.
8	°18	°08	35°0	43°0	29°0	44°0	1°2	3°1	°180	°213	88	77	ESE	2	SW	2	5	9	°060	✱ ² a. Gentle thaw all day.
9	°09	°16	39°0	43°4	37°4	48°2	0°8	2°0	°222	°238	94	84	Calm	0	W	2	0	10	°090	✱ ² a. In past n. Fine day.
10	°11	30°19	46°2	43°0	40°0	49°9	2°2	1°0	°263	°255	85	92	W	3	W	1	9	10	°100	Mild, with ✱ showers.
11	30°12	29°97	45°2	48°2	42°0	50°0	0°0	2°2	°301	°283	100	85	NW	2	SW	1	10	10	°260	Mild, with ✱ showers.
12	29°85	°95	44°2	43°0	39°9	49°9	1°0	3°0	°265	°215	92	78	NW	3	NW	2	7	8	°050	✱ ² a. ✱ ² (sleet) showers p.
13	°84	°63	43°9	43°5	39°0	43°9	1°1	2°0	°263	°240	91	84	SW	3	W	5	10	6	°460	✱ ² (gale) p.
14	°80	°88	38°0	41°0	35°4	45°4	1°5	3°3	°199	°192	87	75	N	2	N	1	3	7	°570	✱ ² (sleet) ✱ showers. < n.
15	°52	°59	45°0	44°7	39°9	49°4	1°3	2°7	°268	°236	90	80	W	4	NW	3	10	7	°110	✱ ² a. ✱ ² a. W ² all over sky.
16	°72	°74	48°2	50°0	43°0	50°7	1°7	1°2	°295	°329	89	92	W	3	W	6	10	10	°370	✱ ² from noon.
17	°57	°62	52°0	52°0	47°0	58°0	2°0	1°0	°335	°361	86	93	W	5	W	7	10	10	°230	✱ ² all day.
18	°44	29°44	52°0	42°8	42°0	52°6	1°6	1°3	°345	°247	89	90	W	7	W	3	10	10	°259	✱ (gale) till 6p. ✱ all day.
19	29°79	30°01	37°5	36°4	34°7	49°0	1°3	1°4	°199	°189	89	88	NW	1	N	1	6	0	°040	✱ showers.
20	30°15	°14	39°2	41°2	30°0	47°7	1°2	0°8	°216	°242	90	94	N	1	NW	1	1	2	°090	✱ ² ✱ showers a. and p.
21	°16	30°14	43°8	41°7	32°1	48°0	2°4	2°9	°234	°206	81	79	WNW	1	NW	1	7	5	°040	✱ before ga. Mild, with ✱ showers.
22	30°03	29°85	45°3	49°0	37°0	50°0	2°5	1°1	°247	°320	82	92	W	2	W	4	9	10	°310	✱ ² in afternoon.
23	29°96	30°15	47°5	40°7	38°0	51°4	3°5	2°7	°248	°200	76	79	ENE	4	E	2	3	6	°010	Clear and cold. ✱ (gale) p.
24	30°24	°45	41°7	40°0	35°2	46°4	4°1	4°0	°186	°172	71	69	ENE	6	ENE	4	4	3	—	✱ (gale) ✱ showers.
25	°46	°41	41°0	36°0	33°0	45°2	4°8	3°0	°167	°158	65	74	ENE	1	ENE	4	4	6	—	✱ a. ✱ (gale) p.
26	30°22	30°02	36°8	38°7	29°0	42°0	2°8	3°5	°167	°170	76	73	ENE	5	ENE	7	0	6	°010	✱ showers a. ✱ (gale) a. and p.
27	29°95	29°81	42°7	39°0	32°0	47°9	4°7	3°3	°184	°176	67	75	E	8	E	3	3	0	—	Dry, with ✱ all day.
28	°66	°54	39°0	40°2	35°0	47°1	2°5	1°5	°190	°218	81	89	E	5	E	1	8	10	°150	
29	°36	°44	37°5	38°0	33°3	44°8	1°3	2°0	°199	°190	89	83	E	2	NE	1	10	1	°020	✱ a. ✱
30	°57	°65	41°2	37°0	31°0	49°4	1°8	1°0	°221	°200	86	91	Calm	0	NE	1	0	0	°070	✱ ² a. ✱ (gale) ✱ ² p.
31	29°74	29°82	41°2	43°0	30°6	46°2	2°5	2°3	°209	°228	81	82	N	1	W	2	4	10	°030	✱ a.
Mean	29°867	29°882	41°2	40°9	34°9	46°6	2°1	2°1	°221	°217	84°0	83°5		2°8		2°6	5°7	6°3	4°020	

DUNDEE.—MARCH 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.				
							Dep. of Wet.		Vapour Tension.		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.	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	W	6	W	2	5	5	ins.	Cloudy day.
2	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	NW	4	NW	2	5	7	0.10	Cloudy day. Δ shower 2.30p.
3	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	NW	1	NE	2	5	10	0.10	Dull and cloudy. \bullet shower 4p.
4	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	NE	2	NE	2	5	5	—	—
5	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	NW	1	W	1	10	10	0.30	Dull day. $\times^{0.0}$ (sleet) from 1p.
6	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	SE	1	SE	1	5	10	—	Fine day. \times^0 at night.
7	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	SW	1	W	1	10	10	—	Dull day.
8	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	SW	1	N	1	5	5	0.10	∞ till 10a. Fine day.
9	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	W	1	NW	1	10	10	—	Cloudy day.
10	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	SW	1	SW	1	5	10	—	Dull and cloudy.
11	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	SW	1	NW	2	10	7	—	Dull till 2p.
12	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	W	4	W	6	10	10	0.50	Dull, with \bullet^0 showers.
13	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	NW	2	SE	1	5	5	—	Cloudy day.
14	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	SW	2	W	2	10	10	0.10	\bullet 10a. Dull day. Δ .
15	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	SW	2	W	2	10	10	—	Dull day.
16	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	W	6	W	6	10	10	—	Dull till 10a. and from 4p.
17	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	NW	10	SW	10	10	10	0.10	Cloudy, with \nearrow (gale) \bullet^0 showers.
18	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	SW	2	NW	2	0	7	—	Fine day.
19	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	NW	1	NW	2	5	10	—	Dull from 1p.
20	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	W	1	NW	1	5	10	—	Dull day.
21	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	SW	1	W	6	5	10	0.10	Dull day.
22	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	NE	8	NE	6	10	7	0.60	\nearrow \bullet showers.
23	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	NE	10	NE	10	5	5	0.10	\nearrow (gale) n. and during day.
24	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	NE	10	NE	8	10	10	0.20	\times^* n. \nearrow (gale) \bullet showers. [day.
25	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	E	8	NE	6	10	150	—	(sleet) \times showers n. and during
26	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	E	8	NE	1	10	0.90	—	\times^* (sleet) \times^* n. \bullet showers.
27	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	SE	1	SE	1	10	10	0.30	\times^* (sleet) showers n. and during
28	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	SE	1	NW	1	10	7	—	Cloudy day.
29	29.12	29.11	34.9	33.6	30.7	39.9	2.8	1.4	151	160	74	83	W	1	W	1	5	5	—	Fine day.
Mean	29.701	29.705	39.6	38.2	33.1	46.4	2.2	1.6	202	205	81.9	86.7	3.5	3.1	7.3	8.4	0.500			

GLASGOW.—MARCH 1898.

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° 17	29° 17	33° 1	36° 2	34° 9	39° 1	1° 0	3° 2	168	156	89	73	W	1	NW	3	10	9	0° 20	* showers.
2	45	54	38° 1	34° 9	34° 9	43° 8	4° 1	1° 9	165	165	67	81	NW	1	W	1	1	2	—	
3	62	72	36° 0	37° 5	30° 3	41° 6	2° 2	2° 6	172	176	80	70	NW	1	NE	1	10	9	—	Dull and cloudy.
4	79	83	37° 9	35° 6	33° 8	41° 7	4° 8	3° 4	145	147	64	70	N	2	N	2	6	3	—	Dull and cloudy.
5	66	44	33° 2	35° 1	29° 2	39° 9	2° 0	1° 5	149	175	79	85	SW	1	S	2	10	10	0° 20	Dull and overcast.
6	47	29° 69	37° 0	34° 9	34° 1	41° 4	2° 3	1° 8	177	167	81	82	E	1	NE	1	10	4	—	* a. ∞ p.
7	29° 94	30° 06	33° 0	36° 6	30° 7	39° 9	1° 5	1° 2	157	194	83	90	NE	1	W	1	2	10	—	Overcast, with ∞.
8	30° 05	29° 94	31° 0	36° 3	30° 4	42° 3	0° 0	0° 8	174	200	100	94	Calm	0	Calm	0	10	10	0° 45	∞ a. and p.
9	30° 01	39° 4	41° 1	35° 4	45° 3	0° 5	4° 8	4° 8	232	168	96	66	SW	1	W	1	10	10	—	Dull and overcast.
10	98	30° 05	43° 1	45° 1	40° 1	48° 3	1° 8	0° 8	239	281	85	93	W	1	SW	1	9	10	—	Dull and overcast.
11	99	29° 84	44° 6	45° 3	43° 5	50° 5	1° 5	1° 9	260	239	89	86	SW	1	S	1	8	10	0° 50	Dull and overcast.
12	72	83	42° 1	37° 5	37° 5	47° 1	0° 8	1° 2	251	201	93	90	W	2	W	1	10	0	0° 32	● showers a.
13	74	50	42° 0	40° 9	36° 1	47° 2	1° 0	1° 2	245	231	92	91	SW	1	SW	1	10	6	0° 30	Dull and overcast.
14	63	76	38° 0	37° 7	36° 9	44° 4	2° 8	3° 4	176	164	77	72	NW	1	SW	1	2	9	0° 20	* a. and p. Dull day. W 9p.
15	44	45	41° 9	44° 2	37° 4	48° 8	1° 1	2° 3	244	240	92	82	SW	2	W	2	10	4	0° 06	Dull and overcast.
16	61	63	44° 6	47° 6	42° 0	47° 9	2° 2	1° 1	245	303	83	93	SW	1	W	1	10	10	0° 06	Squally (force 7) ● showers.
17	46	45	49° 2	51° 0	46° 2	52° 1	1° 1	0° 8	322	353	93	94	SW	2	W	5	10	10	0° 25	Squally (force 8). ● 1p.-7p.
18	30	28	53° 1	49° 2	48° 8	55° 1	3° 7	1° 9	307	303	75	87	W	7	W	4	7	10	—	Fine and clear. W 10p.
19	29° 61	83	40° 6	35° 9	35° 8	49° 6	3° 8	2° 4	181	168	72	80	W	2	Calm	0	1	0	—	
20	30° 00	97	37° 9	38° 2	30° 9	45° 7	2° 9	1° 3	174	204	76	89	SW	1	SW	1	2	3	—	
21	29° 99	98	42° 9	41° 7	36° 0	48° 4	3° 0	1° 8	214	227	78	87	W	1	W	1	7	10	—	
22	88	72	42° 2	45° 8	39° 4	47° 5	2° 8	1° 9	212	266	80	86	SW	1	W	2	9	10	0° 70	Dull and overcast.
23	72	29° 93	45° 1	39° 5	39° 3	49° 2	4° 0	5° 0	215	153	72	64	NE	1	NE	3	6	0	—	
24	29° 97	30° 19	39° 9	37° 9	36° 5	43° 4	6° 1	5° 2	141	140	57	61	NE	5	N	3	2	0	—	Squally a.
25	30° 21	30° 18	39° 6	35° 2	42° 5	42° 5	5° 5	4° 8	147	123	60	60	NE	2	NE	2	2	2	—	
26	29° 96	29° 72	36° 1	36° 7	31° 5	39° 9	4° 1	3° 1	141	162	65	75	NE	1	NE	3	8	9	—	Dull and cloudy.
27	69	57	38° 9	38° 0	35° 3	42° 1	3° 9	0° 0	165	157	70	68	NE	1	NE	1	10	10	1° 00	Dull and overcast.
28	39	34	37° 0	37° 3	33° 8	42° 1	1° 0	1° 9	200	186	91	84	E	1	NE	1	10	10	2° 50	* a. Dull day. U 9p.
29	18	27	33° 7	36° 4	33° 1	38° 0	0° 6	0° 8	282	200	93	93	Calm	0	E	1	10	10	0° 06	* a. showers.
30	39	48	36° 8	38° 7	33° 4	45° 5	1° 5	2° 0	190	197	88	85	Calm	0	Calm	0	5	8	—	∞ in evening.
31	29° 58	29° 66	33° 8	38° 1	32° 4	47° 4	0° 8	3° 1	178	172	91	74	Calm	0	W	1	0	9	—	∞ a.
Mean	29° 694	29° 711	39° 4	39° 6	35° 9	45° 1	2° 4	2° 4	199	201	81° 0	81° 1	1° 4	1° 5	7° 0	7° 0	1° 324			

CRONKBORNE.—MARCH 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	40.4	39.4	35.0	45.6	2.2	2.4	in.	in.	%	%	WNW6-7	WNW6-7	3	7	ins.	
2	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	207	195	83	81	NW 5-6	NW 3	3	10	195 Squally a. and p. * showers p.	
3	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	191	187	89	87	N 1	N 3	3	2	370 Squally a. * showers p.	
4	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	193	196	77	74	N 1	N 3	3	2	* showers a. Fine day.	
5	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	199	188	84	85	N 5	NNW 2-3	3	0	—	
6	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	194	214	83	96	Calm	S 2	3	10	469 a. Cloudy day. * 9p.	
7	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	216	222	91	89	ESE 3	ENE 4	10	10	006 * a. Dull day.	
8	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	190	210	86	93	ESE 2	WNW 1	7	0	—	
9	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	200	177	86	88	Calm	N 1	0	3	—	
10	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	249	245	84	98	NNW 1	NW 1	8	6	—	
11	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	275	240	88	93	WNW 2	N 1	2	6	—	
12	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	292	208	94	98	Calm	N 2	10	0	—	
13	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	287	193	90	91	SSW 4	NW 1	8	2	011 Very fine day. 9p.	
14	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	255	292	86	96	WSW 2	SW 3-4	2	10	093 a. Fine day. at night.	
15	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	232	287	97	93	NW 5	N 2	0	3	103 a. Very fine day. 9p.	
16	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	289	287	89	94	SW 5	W 2	10	3	180 till 9p. 9p.-11p.	
17	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	343	361	99	97	W 4	WSW 4-5	9	10	013 Dull day.	
18	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	370	348	98	97	WSW 4	W 2	10	10	011 Overcast day.	
19	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	331	231	77	86	SW 4	WSW 5-6	10	10	230 Dull day.	
20	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	205	196	71	96	NNW 3	NNW 3	8	2	—	
21	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	264	218	85	97	N 1	N 1	1	8	—	
22	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	240	277	81	96	WNW 4	NNW 1	1	0	—	
23	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	240	277	81	96	WNW 1	WSW 3	4	4	074 a. Very fine day. at night.	
24	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	322	218	89	92	NW 5	NW 1	8	2	—	
25	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	189	183	73	87	NE 6-8	NE 5-6	8	4	017 Squally a. and p.	
26	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	197	158	78	74	NE 6-7	NE 5-6	2	4	009 Squally a. * showers p.	
27	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	194	206	82	90	NE 6-7	NNW 7-8	8	10	074 Squally a. and p. at night.	
28	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	230	211	91	87	NE 6-7	NNE 5	10	6	014 Squally a. showers.	
29	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	222	219	91	89	N 4-5	N 4	8	10	127 Dull, with showers.	
30	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	228	233	98	91	SSE 1	ESE 2	7	10	090 Day fine, but with (mist).	
31	29.40	29.38	40.4	39.4	35.0	45.6	2.2	2.4	236	220	86	96	ESE 3	NNW 2	10	3	—	
Mean	29.771	29.791	43.7	39.6	35.0	47.5	2.0	2.0	244	226	85.3	91.6	3.4	2.9	5.8	5.3	2.086 a. Day fine, with (mist).	

STONYHURST.—MARCH 1898.

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°15	29°10	35°3	35°3	33°9	42°5	1°3	1°3	1°81	1°81	88	88	NWbyW4	W	6	10	10	°220	Squally (gale) ▲*. ☀ in evening			
2	26	36	39°0	37°1	33°3	44°3	3°6	3°1	1°71	1°66	73	75	WbyN2	W by N2	6	7	—	—	Bright and sunny.			
3	41	45	32°6	35°0	29°1	42°3	0°6	3°0	1°73	1°48	93	72	Caln	o	NNW	1	6	4	Bright and sunny.			
4	54	56	38°0	35°4	30°3	41°8	3°4	2°8	1°67	1°55	72	75	NNW2	N by W2	8	3	—	—	* early a. Day sunny.			
5	58	34	36°0	32°7	30°8	42°1	2°6	1°7	1°65	1°50	77	81	Caln	o	Caln	o	9	10	☼° (mist) ga. Sunny day.			
6	31	48	34°9	35°5	30°8	39°3	2°0	2°5	1°63	1°60	81	77	SEbyE1	Caln	o	10	9	—	—	☼° showers.		
7	72	84	32°4	31°2	27°6	41°0	1°9	2°2	1°43	1°25	78	71	NbyE1	NNE	1	8	0	—	—	* showers a., bright intervals.		
8	84	79	32°0	34°4	27°3	43°6	2°6	3°1	1°25	1°41	69	72	NbyE1	N by E1	3	0	—	—	—	Continuous sunshine.		
9	82	85	32°0	37°3	26°3	44°0	1°7	1°3	1°43	1°97	78	89	Caln	o	Caln	o	10	10	—	☼° (mist) a.		
10	87	90	39°0	40°0	35°7	47°0	1°0	1°3	1°28	1°20	92	90	Caln	o	Caln	o	10	7	—	☼° early a.		
11	88	75	36°4	40°5	30°8	47°3	0°4	1°5	1°07	1°20	96	88	Caln	o	Caln	o	0	10	—	☼° a. ☼° (mist) p.		
12	67	68	33°2	38°0	29°9	47°2	1°2	1°0	1°65	1°08	87	91	Caln	o	Caln	o	0	0	—	☼° a. Bright p.		
13	71	51	33°0	42°1	27°1	45°5	1°1	2°6	1°65	1°15	88	81	Caln	o	SWbyS2	0	10	100	—	☼° (mist) ☼ a.		
14	48	65	43°2	38°0	36°6	46°5	2°5	3°7	1°26	1°62	81	70	W	3	WNW1	9	0	—	—	Fine and sunny.		
15	51	38	39°0	45°0	31°3	45°5	2°3	1°0	1°94	1°75	82	92	SbyW1	WSW	3	4	500	—	—	☼° a. ☼° p. ☼ at night.		
16	55	59	45°8	45°5	41°3	49°8	1°6	1°5	1°65	1°70	88	89	WbyS2	SWbyW2	9	10	—	—	—	Sunny a.		
17	53	52	46°3	40°9	44°6	49°9	1°9	0°4	1°25	1°38	86	97	WSW4	SWbyW2	10	10	1°540	—	—	☼° p.		
18	45	32	49°6	47°6	47°3	54°0	1°5	2°1	1°17	1°20	90	86	SWbyW4	SW	5	10	10	320	—	Dull and overcast.		
19	44	62	43°9	40°7	40°3	47°9	3°9	5°3	1°06	1°57	72	61	NWbyW1	NW	2	10	0	—	—	—		
20	83	84	38°5	37°6	29°7	44°7	4°5	2°2	1°53	1°84	65	81	Caln	o	NNW1	0	0	—	—	—	Fine and sunny.	
21	84	82	41°0	38°0	32°7	47°8	1°4	1°0	1°27	1°08	89	91	Caln	o	Caln	o	8	0	—	—	Bright at times. Cold wind.	
22	79	68	40°0	37°2	34°9	47°3	0°5	1°2	1°27	1°98	96	89	Caln	o	Caln	o	0	0	256	—	☼° (mist) a. Sunny day.	
23	37	61	46°3	37°4	35°4	48°4	1°8	3°2	1°72	1°65	88	74	NWbyW3	N	3	9	0	030	—	—	☼° a. ☼ showers p.	
24	51	79	37°0	31°0	29°3	38°6	3°0	0°5	1°65	1°61	75	92	N	8	NNE	4	10	0	040	—	—	Squally ☼*. ☼.
25	81	78	35°3	32°0	30°4	36°8	0°3	2°6	1°01	1°25	97	69	NE	2	NE by N4	10	0	055	—	—	☼° showers a., ☼° p.	
26	52	27	35°5	37°0	30°8	37°8	3°1	2°0	1°51	1°82	72	83	NEbyN4	NE	3	10	10	015	—	—	Cold wind. ☼° showers.	
27	26	23	39°0	36°5	35°0	41°0	2°8	2°0	1°85	1°79	78	83	NE	4	N	2	10	10	030	—	—	* showers a.
28	44	08	36°0	37°0	34°9	41°8	1°0	2°0	1°93	1°82	91	83	Caln	o	NE by E1	10	10	006	—	—	☼° showers early a.	
29	06	08	36°2	36°4	32°8	40°6	1°2	1°9	1°91	1°80	89	84	NNE	1	Caln	o	10	8	—	—	☼° (mist) a. and p.	
30	18	29	37°0	37°0	31°1	42°6	1°7	2°8	1°87	1°68	85	77	Caln	o	Caln	o	10	7	—	—	☼° (mist).	
31	29°41	29°48	38°0	38°5	31°6	48°0	2°2	2°0	1°87	1°94	81	84	E	1	SE	1	0	0	—	—	☼° (mist). Sunny day.	
Mean	29°525	29°536	38°1	37°9	33°0	44°4	2°0	2°1	1°94	1°90	83°1	81°8	1°6	1°6	7°6	5°1	3°152					

HILLINGTON.—MARCH 1898.

Height above Mean Sea Level, 88 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge 1 foot.
Long. 0° 33' E. Lat. 52° 48' N. Gravity Correction, +0.21 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.	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	29.48	29.46	42.4	34.8	34.2	45.1	1.8	1.4	.232	.175	86	86	SW	3	NW	3	10	6	ins.
2	42	55	38.1	37.0	33.1	46.6	2.3	2.3	.186	.177	80	81	NW	3	NW	3	8	0	● and ●✱ (sleet) a. ✱ ⁰ 5p.
3	61	65	38.1	34.9	32.3	39.6	1.5	0.4	.175	.195	85	96	NW	3	N	1	8	0	Sunny during day. ▲ ² ● 6p.
4	75	75	37.3	34.7	31.0	44.0	0.6	0.8	.210	.185	95	92	NE	0.5	NE	1	2	7	✱ showers.
5	73	66	37.6	30.7	27.3	44.4	1.9	0.6	.188	.156	84	92	N	1	SW	0.5	4	9	☞ a. Beautiful day.
6	65	76	37.3	30.3	25.8	44.1	0.5	0.7	.213	.149	95	89	SW	0.5	SE	1	2	0	Lovely day. ▲ showers noon.
7	94	30.02	35.2	34.9	25.0	41.2	0.7	3.2	.191	.145	93	71	NE	0.5	NE	2	6	10	☞ a. Very fine day. [showers p.
8	29.97	29.99	37.5	38.7	34.5	41.0	2.9	2.1	.172	.195	76	83	NE	4	NE	3	10	10	Sunny day. Cold wind. ▲✱
9	30.04	30.09	40.0	34.8	34.6	43.2	3.2	1.2	.185	.179	75	88	NE	2	NE	0.5	10	10	☞ a. Very fine day. Very fine sunset.
10	13	14	35.9	29.3	25.0	45.3	1.1	0.5	.188	.148	90	91	NE	0.5	N	0.5	2	0	Fine sunset. ☐
11	30.16	30.03	37.9	31.9	25.1	49.3	1.1	0.3	.206	.173	90	96	E	1	NE	0.5	10	0	☞ a. Much milder.
12	29.95	29.93	37.2	27.5	27.1	39.9	1.7	0.8	.188	.124	85	85	NE	1	NE	1	10	0	☞ a.
13	94	87	37.2	39.5	24.1	50.7	1.8	2.8	.187	.188	84	78	N	0.5	SW	0.5	8	10	☞ a. Sunny p. Crimson sunset.
14	76	91	41.3	36.2	35.3	52.4	0.7	0.5	.244	.203	95	95	SW	1	N	0.5	10	10	☞ a.
15	89	73	33.9	45.5	28.8	52.4	1.9	2.7	.157	.244	80	81	S	1	SW	4	9	10	☞ a. Sunny day. ● ² 6p.
16	81	90	47.7	44.1	41.0	54.3	1.9	2.4	.285	.236	87	81	W	3	W	1	1	9	☞ a. Very fine and sunny.
17	85	78	46.6	49.9	39.2	55.5	2.2	1.3	.267	.235	85	91	SW	2	SW	4	9	9	☞ a. Cloudy all day. ● ² 6p.
18	77	70	51.0	50.1	45.9	61.5	2.1	2.1	.319	.308	85	85	SW	4	SW	6	10	9	☞ a. Fine red sunset.
19	29.68	29.87	51.0	40.1	39.9	51.4	2.4	1.3	.312	.221	84	89	W	5	NE	0.5	10	0	☞ a. Overcast all day.
20	30.04	30.10	42.9	30.7	30.7	47.4	3.3	1.0	.199	.146	77	85	NE	2	NE	1	4	0	☞ a. Very fine and sunny.
21	11	30.07	37.0	31.9	24.0	51.4	2.0	0.6	.182	.166	83	92	NE	1	NE	1	0	0	☞ a. Very fine and sunny.
22	30.06	29.94	40.0	35.8	26.8	53.3	1.5	1.0	.216	.190	88	91	NNE	1	NW	0.5	10	0	☞ a. a. and p.
23	29.59	70	39.7	36.0	27.8	46.4	1.1	0.8	.222	.196	91	93	W	3	NNE	3	10	7	☞ a. and 4p. ▲ 9p.
24	61	78	32.9	32.0	29.6	39.5	0.2	0.2	.183	.176	98	97	N	4	NE	8	10	10	✱ showers a. (gale) ✱ p.
25	85	84	34.9	34.3	31.9	35.5	2.4	0.6	.158	.185	77	94	NE	7	NE	7	10	210	Bitter (gale) ✱.
26	53	33	36.8	36.1	33.9	39.4	1.4	0.4	.191	.204	88	96	NE	7	NE	8	10	830	(gale) ✱ (sleet) and ●.
27	37	34	38.7	35.2	34.1	40.1	0.0	0.6	.215	.193	92	94	NE	5	NE	4	10	240	☞ most of day.
28	30	33	38.2	37.2	34.0	48.0	0.6	0.9	.218	.204	95	92	NE	1	ENE	0.5	9	10	☞ a. early a. ▲ 4p.-5p.
29	36	38	37.8	37.0	31.2	48.1	0.7	1.3	.213	.195	94	89	ESE	0.5	W	10	8	10	☞ a. Cloudy all day.
30	46	54	40.0	35.6	28.4	50.4	1.8	0.7	.211	.194	86	94	S	1	NE	0.5	0	0	☞ a.
31	29.68	29.75	41.0	35.6	28.1	51.5	1.3	0.9	.229	.190	90	92	E	1	NE	0.5	0	0	☞ a. Day fine and sunny.
Mean	29.756	29.770	39.3	36.2	31.3	46.8	1.6	1.2	.211	.192	86.9	89.0	2.3	2.2	7.2	6.2	2.470		

ST DAVID'S PEMBROKE.—MARCH 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
							Dep. of Wet.		Vapour Tension.	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.			
1	ins.	ins.	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
2	29.55	29.56	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
3	29.56	29.57	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
4	29.57	29.58	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
5	29.58	29.59	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
6	29.59	29.60	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
7	29.60	29.61	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
8	29.61	29.62	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
9	29.62	29.63	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
10	29.63	29.64	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
11	29.64	29.65	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
12	29.65	29.66	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
13	29.66	29.67	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
14	29.67	29.68	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
15	29.68	29.69	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
16	29.69	29.70	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
17	29.70	29.71	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
18	29.71	29.72	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
19	29.72	29.73	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
20	29.73	29.74	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
21	29.74	29.75	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
22	29.75	29.76	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
23	29.76	29.77	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
24	29.77	29.78	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
25	29.78	29.79	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
26	29.79	29.80	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
27	29.80	29.81	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
28	29.81	29.82	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
29	29.82	29.83	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
30	29.83	29.84	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
31	29.84	29.85	46.9	40.8	38.2	47.4	0.7	0	in.	in.	%	%	WNW 7	NW 6	9	1	ins.
Mean	29.714	29.714	46.8	40.5	36.1	46.7	1.1	0.6	254	243	91.2	95.0	3.2	2.8	6.3	4.6	1.008

WOOLACOMBE.—MARCH 1898.

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	29.75	29.72	47.8	43.0	39.2	49.4	1.7	4.9	200	182	88	66	SW	5	W	5	6	6	.010
2	.81	.81	43.6	36.6	36.0	45.8	3.7	0.9	208	199	73	92	W	5	Calm	0	5	8	.070
3	.76	.76	42.0	39.6	36.0	44.4	4.3	2.5	184	194	70	80	NW	1	NE	1	5	3	—
4	.81	.87	40.6	39.8	35.2	43.0	4.1	3.5	176	179	69	73	NE	3	N	3	4	0	—
5	.84	.69	40.0	37.6	36.0	42.8	3.7	2.5	177	179	71	79	NE	2	S	2	2	8	.210
6	.55	29.63	37.2	37.0	34.2	40.0	0.7	1.7	208	187	94	85	E	1	NE	4	10	10	.020
7	29.92	30.05	38.2	38.0	33.0	42.6	3.7	2.1	163	188	71	82	E	3	NE	5	1	2	—
8	30.05	.04	37.4	38.8	35.2	40.4	3.5	3.7	160	168	71	72	NE	4	NE	3	10	7	—
9	.11	.15	40.4	40.8	34.6	44.0	3.3	2.7	187	201	75	79	E	2	E	2	5	0	—
10	.19	.19	42.0	42.8	35.8	48.2	2.7	1.3	211	246	80	90	NE	1	E	2	9	8	—
11	.16	.05	42.8	39.4	37.0	47.2	2.1	1.1	231	219	84	91	NE	1	E	1	0	0	—
12	.04	30.01	41.8	45.8	34.8	49.6	1.9	0.7	225	292	85	95	E	2	NE	2	0	9	—
13	30.06	29.98	45.2	45.6	39.8	48.8	2.7	2.1	241	258	81	85	NE	2	W	2	2	8	—
14	29.91	30.02	41.6	42.0	41.2	49.0	2.7	2.5	208	215	79	82	NW	3	NE	1	8	0	.130
15	.96	29.86	44.8	47.6	36.4	48.2	3.3	0.7	225	312	76	95	S	3	SW	4	7	10	.020
16	29.99	30.04	47.8	47.4	46.0	52.2	0.8	1.3	296	312	94	91	W	2	SW	2	10	10	—
17	30.04	30.01	48.0	48.4	46.2	49.0	1.1	0.6	307	324	92	96	W	2	SW	3	10	10	—
18	30.01	29.91	48.8	49.2	46.2	49.8	1.0	1.6	319	309	93	89	SW	4	SW	5	10	10	.030
19	29.83	29.94	49.4	40.2	40.0	50.0	0.8	0.3	333	242	94	97	SW	4	NE	4	10	10	.200
20	30.09	30.13	42.8	37.8	37.4	47.2	3.1	1.7	212	193	77	86	NE	3	E	2	4	0	—
21	.17	.13	42.8	42.0	35.2	48.0	5.3	4.1	174	187	68	71	E	3	E	2	0	0	—
22	30.11	30.04	45.0	42.0	35.6	50.2	3.9	1.5	217	235	73	89	NE	1	NE	1	0	0	—
23	29.87	29.92	46.4	44.6	35.0	50.2	1.9	4.7	271	199	87	67	W	3	NE	4	10	1	.020
24	.90	30.02	40.8	33.8	33.2	45.4	4.1	2.7	177	142	69	73	N	5	NE	6	6	6	—
25	.99	29.92	37.4	37.8	32.6	41.2	4.5	3.9	145	156	65	68	NE	6	NE	6	9	10	—
26	.68	.44	38.0	40.4	36.0	41.0	2.7	3.1	178	190	77	76	NE	5	NE	5	10	10	.040
27	.41	.41	41.2	41.0	38.0	45.0	2.7	3.3	204	192	80	75	NE	5	NE	2	9	7	—
28	.41	.39	42.2	37.4	37.0	45.4	3.9	1.3	192	198	73	89	N	1	E	1	6	5	—
29	.38	.38	43.4	39.0	33.6	47.2	3.5	1.3	209	212	74	90	SE	1	E	1	4	1	.190
30	.40	.50	40.4	42.8	36.2	49.6	1.3	1.9	224	234	90	85	NE	4	E	4	9	7	—
31	29.61	29.76	41.8	41.0	38.0	47.4	1.3	0.9	237	238	90	93	NE	3	Calm	0	9	4	—
Mean	29.864	29.865	42.6	41.3	37.1	46.5	2.8	2.2	220	218	79.3	83.3	2.9	2.7	6.1	5.5	0.960		

19

U 9.20p.

8 11.30p.
till 2p.

5p.-8p.

0 (mist) a.

Very fine day.
Very fine day.

Three very wild days, wind
averaged from 6 to 7.

Great visibility.
Great visibility.
∞ all day.

SOUTHAMPTON.—MARCH 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
							Dep. of Wet.		Vapour Tension.		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	29.73	29.64	46.1	39.7	39.4	53.6	2.9	2.4	.247	.198	79	80	W	3.5	W	3	2	1	.118	● showers till 4p.
2	70	75	44.1	37.9	36.5	50.3	3.9	1.9	.208	.191	71	84	NW	4.5	NW	1.5	1	0	.007	Beautiful day, with cold wind.
3	74	72	38.7	36.0	31.0	49.7	1.9	1.1	.198	.191	85	90	NW	2.5	N	0.5	0	10	.030	● 0 a. ✕ 3p. ✕ 5p. and 6p.
4	76	79	36.8	37.1	33.2	44.7	1.0	1.3	.199	.195	92	88	NE	2.5	N	2.5	10	10	.005	Dull and damp a. ✕ 5p.
5	78	72	36.1	32.6	32.4	45.7	1.2	1.3	.190	.158	89	85	N	1	Calm	0	10	0	.004	Beautiful day, but cold. ☼ 0h.
6	62	69	38.9	37.2	27.9	43.9	1.8	2	.202	.175	86	80	SE	3	E	4.5	10	10	—	[wind.]
7	92	97	37.3	34.6	29.3	44.6	3.1	1.9	.166	.163	75	81	NE	3	NE	4	9	10	—	— a. Beautiful day. Very cold
8	29.94	29.94	35.0	38.1	32.1	41.1	2.2	2.9	.160	.175	79	76	NE	4.5	NE	5.5	10	10	—	Overcast all day. Very cold wind.
9	29.05	30.11	39.5	40.0	36.4	45.9	2.5	3.1	.194	.187	80	75	NE	3.5	NE	2.5	10	10	—	Dull day.
10	17	16	39.3	38.2	33.0	50.4	1.5	1.4	.192	.202	81	88	NE	2.5	NE	1	1	0	—	Beautiful day.
11	30.14	30.01	36.2	36.2	33.0	46.0	1.1	1.3	.193	.189	90	89	NE	2.5	NE	1	10	0	—	
12	29.97	29.99	36.7	34.3	32.2	44.4	1.5	1.0	.189	.178	87	89	NNE	2.5	NE	0.5	10	0	—	Dull a. Very fine p. ☼ — a.
13	30.03	.98	38.9	41.7	29.7	49.2	1.1	2.2	.216	.219	92	84	Calm	0	SW	1	10	0	—	☼ a. Dull day.
14	29.90	.98	45.0	43.0	34.5	50.3	1.2	3.2	.271	.211	91	77	SW	3	NW	1	10	0	.013	● showers a. Fine p.
15	.99	29.88	40.7	46.7	33.5	53.7	2.6	1.5	.202	.284	80	89	Calm	0	SW	3.5	1	10	.005	Beautiful day. ● 8p.
16	.94	30.01	51.3	47.0	46.3	56.9	2.7	1.3	.310	.291	82	91	NW	2.5	W	1	10	10	—	Dull and mild.
17	.99	29.96	50.1	52.3	46.0	55.7	3.1	2.4	.285	.330	79	83	SW	2.5	SW	3	10	10	—	Dull and mild.
18	.97	.92	53.4	48.8	48.4	62.8	2	1.7	.322	.303	79	88	W	4.5	SW	3	10	9	—	Beautifully fine and mild.
19	29.85	29.88	51.3	44.7	44.5	58.4	2.4	0.7	.318	.279	83	94	SW	3.5	NE	3	10	10	.090	☼ from 6.30p.
20	30.05	30.14	44.8	40.9	39.4	53.3	4.0	1.9	.214	.216	72	85	NE	3	NE	0.5	1	0	—	Beautiful day.
21	.17	.12	39.5	40.1	29.1	53.0	2.9	2.3	.187	.202	77	81	N	2	E	1	0	0	—	— early a. Beautiful day.
22	30.11	30.01	40.7	40.9	29.5	55.2	2.5	1.9	.204	.216	81	85	N	1.5	Calm	0	1	0	—	— early a. Beautiful day. [p. ✂
23	29.81	.78	41.7	38.5	32.3	53.3	1.6	1.8	.230	.198	88	86	W	2	N	5	9	0	.030	— a. Fine a. Cold ● showers
24	.75	.84	38.1	30.0	29.4	44.7	3.3	1.1	.167	.138	73	82	N	5.5	N	6	10	0	.075	Cold ✂ all day. ✕ 2 showers.
25	.79	.77	34.4	35.4	28.9	37.3	2.2	1.6	.156	.177	78	86	NNE	6.5	NE	7	10	10	.085	Cold ✂ ✕ all day. ☼
26	.48	.27	38.2	35.5	34.8	40.6	2.9	0.7	.176	.195	76	94	NE	7	NE	6	10	10	.163	Cold ✂ a. ● 3p. ✕ 4p., then
27	.33	.40	38.5	38.0	35.0	43.4	0.8	1.8	.217	.194	93	85	NE	2	N	4	10	10	.016	● showers 11a.-4p. [✕●]
28	.38	.39	38.1	39.1	34.3	43.4	2.3	1.8	.186	.204	80	85	NW	2	SW	0.5	10	10	—	Dull day.
29	.40	.40	41.0	40.7	30.3	48.7	1.8	1.9	.219	.215	86	85	SW	2	SW	0.5	9	1	—	
30	.43	.53	46.4	44.9	32.2	51.3	3.1	4.6	.246	.204	79	68	SE	3.5	SE	3.5	3	10	.040	Beautiful day.
31	29.60	29.74	44.1	41.3	40.6	50.8	2.9	3.9	.227	.185	77	72	E	3.5	NE	3	10	3	—	
Mean	29.822	29.822	41.3	39.7	34.7	49.1	2.3	1.9	.216	.208	81.9	84.0	3.0		2.5	7.3	5.3	0.631		

LONDONDERRY.—MARCH 1898.

Height above Mean Sea Level, 67 feet. Heights above Ground:—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 7° 19' W. Lat. 55° 0' N. Gravity Correction, +0.27 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.				
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.							in.	in.	%	%					ins.			
2	29.40	29.54	35.7	39.6	29.3	43.3	2.0	2.9	173	189	83	77	W	5	W	4	7	10	410	
3	29.72	29.77	40.1	36.2	34.4	45.6	2.7	2.3	195	170	78	80	WNW	4	W	1	6	3	0.060	
4	29.81	29.90	39.0	39.7	33.2	45.0	2.3	2.7	194	192	82	78	NE	2	N	2	7	6	0.050	
5	30.02	30.01	39.7	34.7	34.0	41.5	4.0	1.0	170	182	70	91	N	2	E	1	5	0	0.020	
6	29.76	29.53	36.5	36.2	31.7	37.0	2.3	0.5	174	204	80	95	SW	3	W	2	10	7	310	
7	29.54	29.77	34.1	36.8	32.0	45.3	0.4	0.6	189	206	96	95	S	2	Calm	0	6	3	—	
8	30.02	30.17	35.7	35.7	32.7	43.0	0.7	1.5	196	182	94	86	SW	1	Calm	0	10	10	—	
9	30.15	30.06	33.5	40.0	30.0	49.0	1.8	2.0	155	207	81	84	S	1	SW	1	0	10	0.090	
10	30.15	30.17	44.1	46.9	37.0	51.5	1.3	0.7	260	243	95	93	SW	2	NW	1	6	9	0.020	
11	30.12	29.92	46.2	48.7	39.7	52.4	1.5	2.7	278	279	90	81	SW	2	SW	1	10	10	0.010	
12	29.89	30.00	43.7	40.0	30.0	49.4	1.4	1.3	254	220	88	90	SW	2	SW	2	10	0	0.050	
13	29.69	29.69	43.7	42.7	37.0	48.0	2.2	2.0	238	232	83	85	SW	2	W	2	10	0	0.030	
14	29.85	29.86	42.7	39.9	36.2	46.2	4.7	2.1	184	205	67	83	SW	2	SW	2	7	0	0.120	
15	29.53	29.68	41.5	44.7	37.9	51.2	0.8	1.3	245	266	94	90	SW	2	SW	1	10	10	0.090	
16	29.79	29.78	46.5	48.7	42.0	50.0	1.6	2.0	279	296	88	86	WSW	3	SW	2	10	10	0.080	
17	29.65	29.67	51.7	51.7	47.3	53.3	1.6	2.0	342	339	89	87	W	3	SW	4	10	10	0.080	
18	29.52	29.47	52.7	49.9	49.0	53.0	3.0	2.0	320	309	80	87	SW	5	SW	3	10	10	0.110	
19	29.84	30.03	43.3	39.5	36.8	50.2	4.1	2.0	198	204	70	84	N	2	WSW	2	4	0	0.060	
20	30.17	30.16	35.7	40.7	32.4	51.2	1.2	2.0	188	213	89	85	SW	2	SW	1	0	0	—	
21	30.16	30.10	46.7	42.7	35.2	52.0	4.0	1.5	230	241	73	88	SW	1	Calm	0	2	0	—	
22	30.03	29.92	43.7	47.7	36.7	53.4	4.0	2.0	204	283	72	86	SW	2	SW	4	10	10	0.090	
23	29.89	30.09	49.7	43.1	42.0	55.5	4.0	3.1	263	214	73	77	N	2	N	2	4	0	—	
24	30.19	30.16	43.9	41.7	36.9	50.0	5.2	0.5	184	253	64	96	N	1	N	3	4	0	—	
25	30.16	30.18	42.5	36.7	35.5	50.2	5.0	3.0	178	164	65	76	N	3	E	3	4	0	—	
26	30.07	29.86	39.5	39.2	32.6	46.6	5.0	4.0	153	165	64	70	NE	3	NE	1	7	10	0.040	
27	29.81	29.70	41.7	39.7	35.0	43.5	3.5	1.7	196	210	74	86	NE	3	Calm	0	10	10	0.100	
28	29.53	29.47	40.7	37.0	34.0	44.0	3.0	1.3	196	195	78	89	NE	2	E	1	9	4	0.110	
29	29.33	29.35	41.2	40.1	34.4	45.0	1.5	1.4	227	219	89	89	NW	1	Calm	0	10	10	0.220	
30	29.49	29.62	41.7	37.7	36.1	50.7	1.2	1.1	239	205	91	90	NE	1	W	1	10	0	—	
31	29.74	29.82	38.7	43.2	31.4	54.8	0.9	2.5	218	226	93	81	SW	1	W	1	10	10	0.010	
Mean	29.855	29.865	41.9	41.4	35.8	48.4	2.5	1.8	219	226	81.4	85.8	2.2	1.6	7.4	5.5	2.100			Overcast all day.

ARMAGH.—MARCH 1898.

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.

1	29.28	29.43	39.0	36.9	32.2	43.2	2.1	1.8	197	185	W	3	WNW	3	2	10	.208	☼☼ showers during day.
2	29.59	29.63	43.8	34.0	31.7	47.0	2.0	1.0	243	176	WNW	2	W	2	2	0	.037	☼☼ showers during day.
3	29.66	29.73	40.8	34.6	29.2	45.8	3.0	0.7	196	187	NW	1	N	1	3	2	.010	☼☼ showers during day.
4	29.85	29.85	40.7	32.3	29.0	45.0	3.0	0.5	196	173	N	2	N	2	0	3	—	☼☼ showers during day.
5	29.67	29.40	37.2	35.6	27.7	39.0	2.2	0.2	180	204	SSW	3	SW	2	10	10	.068	☼☼ showers during day.
6	29.41	29.59	37.0	34.8	30.6	43.2	1.0	0.3	200	196	SW	1	E	1	10	8	—	☼☼ showers during day.
7	29.89	30.03	40.7	31.7	30.4	44.0	2.1	0.7	211	162	E	1	ESE	1	9	3	—	☼☼ showers during day.
8	30.03	30.04	36.4	38.0	28.5	46.7	2.0	1.2	178	204	S	1	SSW	1	7	10	.017	☼☼ showers during day.
9	29.96	30.04	40.5	42.2	36.0	45.2	0.7	2.4	237	219	SSW	1	SSW	1	10	10	—	☼☼ showers during day.
10	30.04	30.04	42.7	46.5	35.5	55.0	1.9	1.0	234	293	SSW	1	SSW	1	10	10	—	☼☼ showers during day.
11	29.99	29.83	44.8	46.1	40.3	50.7	1.8	1.3	255	282	SSW	1	SSW	1	10	10	—	☼☼ showers during day.
12	29.77	29.88	44.0	37.5	37.5	51.0	1.2	0.5	261	214	SSW	1	SSW	1	10	10	—	☼☼ showers during day.
13	29.79	29.59	41.2	43.7	34.0	48.9	1.2	0.1	233	283	SSW	1	SSW	1	10	10	—	☼☼ showers during day.
14	29.74	29.76	44.0	38.8	35.0	49.0	2.5	1.9	234	199	W	2	SSW	2	10	10	.154	☼☼ showers during day.
15	29.45	29.57	46.6	43.5	37.2	51.5	0.6	0.8	303	264	SSW	5	SW	2	0	7	.110	☼☼ showers during day.
16	29.70	29.69	44.8	47.9	40.3	50.4	1.0	0.9	273	310	SW	2	SW	2	10	7	.020	☼☼ showers during day.
17	29.58	29.59	52.0	52.6	47.2	54.0	0.9	0.6	364	380	SW	2	SW	2	10	10	—	☼☼ showers during day.
18	29.47	29.39	52.6	49.2	47.5	56.2	1.5	0.8	356	329	SW	4	SW	4	10	10	.175	☼☼ showers during day.
19	29.69	29.90	46.5	34.7	34.6	50.0	4.2	0.7	225	188	NNW	1	N	1	9	0	.005	☼☼ showers during day.
20	30.04	30.03	44.8	37.2	27.7	50.4	4.2	0.5	210	212	WSW	1	NW	1	9	0	—	☼☼ showers during day.
21	30.04	29.97	43.3	40.5	32.5	51.3	2.3	2.5	231	202	SW	1	S	1	9	0	—	☼☼ showers during day.
22	29.91	29.82	42.7	45.8	34.4	50.0	2.9	1.3	214	279	SW	2	SW	2	9	10	.014	☼☼ showers during day.
23	29.70	29.93	47.1	41.5	40.2	52.5	1.2	2.7	295	207	NNW	2	N	1	10	10	—	☼☼ showers during day.
24	29.97	30.17	43.8	36.9	31.1	46.2	5.3	2.3	182	177	NNE	4	NNE	2	4	3	—	☼☼ showers during day.
25	30.18	30.11	40.2	33.6	29.5	45.0	4.0	1.9	173	154	NNE	3	NE	2	9	0	—	☼☼ showers during day.
26	29.87	29.67	39.0	34.0	29.3	42.2	3.3	0.1	176	194	NNE	3	NE	2	6	10	.070	☼☼ showers during day.
27	29.59	29.54	38.2	39.0	32.8	42.5	1.0	2.1	210	197	NNE	4	NE	2	10	10	.016	☼☼ showers during day.
28	29.35	29.39	39.0	37.0	32.7	42.0	2.1	0.7	197	206	N	3	NE	2	10	9	.078	☼☼ showers during day.
29	29.20	29.19	38.0	34.0	28.8	45.2	0.3	0.3	222	190	NE	2	Calm	0	10	7	.040	☼☼ showers during day.
30	29.32	29.46	39.8	34.0	31.3	46.5	0.8	0.1	228	194	NE	2	Calm	0	10	0	.005	☼☼ showers during day.
31	29.59	29.70	38.7	37.0	27.0	51.5	1.8	0.4	200	212	NE	1	Calm	0	10	0	—	☼☼ showers during day.
Mean	29.720	29.734	42.3	39.1	33.5	47.8	2.1	1.0	229	222	2.4	1.6	7.1	6.8	1.047	☼☼ showers during day.		

MARKREE CASTLE.—MARCH 1898.

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, +0.24 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	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.	
1	29.53	29.59	34.2	39.2	33.6	43.5	0.2	3.2	194	179	98	75	NNW 3	W 4	10	9
2	72	76	42.0	31.0	30.5	45.9	3.0	0.2	207	168	78	96	NNW 2	NNE 1	7	8
3	78	86	36.5	37.0	30.6	43.5	1.5	2.2	187	179	87	81	N 2	N 2	9	7
4	98	96	39.0	33.8	33.5	43.5	3.0	2.3	181	149	77	77	NNW 2	Cal'm 0	8	9
5	75	49	33.2	37.0	27.7	42.8	1.4	0.8	161	204	84	93	SSE 1	NW 0.5	10	8
6	48	29.66	37.0	34.0	32.5	45.5	0.8	1.0	204	176	93	89	Cal'm 0	NNE 0.5	7	6
7	29.95	30.10	35.0	32.0	28.7	46.2	1.5	0.8	174	162	85	89	N 0.5	NE 0.5	5	9
8	30.10	30.00	32.0	32.0	28.7	46.2	1.8	1.3	141	211	77	90	Cal'm 0	SSE 1	6	9
9	05	12	41.0	35.7	34.5	49.1	0.3	0.7	250	196	98	94	Cal'm 0	NW 1	8	8
10	12	30.12	43.0	45.2	34.5	52.0	1.0	0.4	255	292	92	97	S 0.5	Cal'm 0	10	8
11	30.04	29.87	46.1	46.0	35.5	53.7	0.3	1.4	305	278	98	90	SSW 0.5	SSW 1	10	10
12	29.84	96	46.1	39.8	39.5	49.5	3.1	1.8	243	209	78	86	SW 1	Cal'm 0	8	9
13	86	68	43.0	42.0	35.8	49.6	1.9	1.8	236	229	85	86	SSW 0.5	SW 1	10	8
14	84	81	39.0	40.3	36.4	47.5	0.2	2.5	234	200	98	80	SW 1	SSE 1	9	10
15	54	66	48.6	44.9	40.2	51.5	1.4	1.7	307	259	90	88	NW 1	SW 1	10	10
16	80	76	47.1	48.8	43.0	50.8	1.7	1.8	283	300	85	87	SSW 0.5	SSW 2	10	10
17	65	65	53.0	58.0	47.4	54.5	1.9	2.0	350	335	87	86	WSW 3	WSW 4	10	8
18	57	29.47	55.1	49.0	48.8	55.4	3.6	1.5	336	310	77	90	SW 3	SSW 1	9	10
19	29.78	30.00	43.0	35.4	35.0	49.6	3.8	0.9	201	190	72	92	NNE 1	Cal'm 0	8	8
20	30.12	11	41.1	34.0	27.6	48.3	2.8	0.5	201	186	78	95	Cal'm 6	Cal'm 0	6	9
21	30.11	30.04	40.0	34.6	25.8	50.5	2.0	0.8	207	185	84	93	S 1	Cal'm 0	6	9
22	29.97	29.91	41.0	47.0	31.3	52.9	2.8	2.2	201	271	78	85	SE 1	SSW 1	10	9
23	29.84	30.04	47.8	39.8	38.9	53.7	0.9	3.0	311	188	93	77	NW 2	Cal'm 0	9	8
24	30.10	27	43.8	39.5	37.4	50.5	5.6	4.7	177	157	61	66	NNE 3	NNE 3	8	8
25	30.28	30.20	42.5	37.9	33.7	49.8	5.0	3.3	178	168	65	74	N 3	NE 2	7	9
26	29.97	29.76	40.0	37.0	31.5	44.3	5.2	3.8	153	152	62	69	ENE 3	N 2	7	9
27	69	63	40.8	40.1	34.7	42.0	3.8	4.1	182	171	71	68	NNE 2	NNE 1	9	10
28	47	38	38.4	37.8	30.0	45.3	2.4	1.8	186	192	81	85	NE 1	NE 2	8	8
29	29	29	40.4	35.6	29.7	44.0	1.2	1.6	226	179	91	85	N 1	NNE 1	10	7
30	40	55	40.0	40.7	30.6	47.4	2.0	2.5	207	204	84	81	NE 1	N 0.5	10	9
31	29.67	29.77	46.0	38.5	25.4	49.0	4.0	2.2	225	190	73	82	NNE 0.5	Cal'm 0	6	9
Mean	29.815	29.821	41.8	39.5	33.8	48.4	2.3	1.9	223	209	82.7	84.7	1.3	1.1	8.4	8.6
															2.349	

PARSONSTOWN.—MARCH 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.						
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	29.56	29.65	42.7	36.4	35.0	44.3	2.3	2.6	226	168	83	78	NW	1	W	1	10	8	ins.	▲ ⁰ showers p.
2	74	73	39.7	32.8	32.5	48.3	2.8	0.6	191	175	77	93	W	2	Calm	0	3	7	110	0.019	Fine a. ▲ ⁰ showers p.	
3	74	80	32.7	33.6	27.2	44.4	1.0	1.0	165	172	88	89	N	1	N	1	8	0	0.019	☒ a. *▲ ⁰ showers.		
4	90	92	37.0	31.0	30.5	42.6	2.2	0.2	179	168	81	96	N	1	N	1	3	1	—	—	Fine day.	
5	82	49	32.4	36.7	23.9	38.6	2.2	0.9	138	200	75	92	Calm	0	Calm	0	8	8	—	—	▲ ⁰ showers p.	
6	52	29.59	36.7	33.7	27.7	48.6	1.2	0.7	195	180	90	92	Calm	0	Calm	0	7	8	—	—	▲ ⁰ showers p.	
7	29.90	30.05	32.7	31.0	27.2	43.0	0.8	0.2	170	168	91	96	N	1	Calm	0	10	0	—	—	▲ ⁰ showers p.	
8	30.13	30.02	29.7	32.6	21.6	40.9	1.9	1.4	116	155	71	84	Calm	0	Calm	0	0	10	—	—	▲ ⁰ a. and n. Fine day.	
9	30.02	30.10	38.6	41.5	31.2	47.6	1.1	1.3	213	234	92	90	Calm	0	Calm	0	0	10	—	—	▲ ⁰ a. Fine day.	
10	30.11	30.11	42.7	46.2	35.8	50.5	1.9	0.9	234	292	86	94	Calm	0	SE	1	10	10	—	—	Fine day.	
11	30.05	29.90	47.0	46.6	43.1	53.3	1.2	1.6	293	280	92	89	Calm	0	Calm	0	10	10	—	—	Fine day.	
12	29.85	29.96	43.8	37.2	36.7	49.6	1.0	1.1	264	200	92	90	Calm	0	Calm	0	10	10	—	—	Fine day.	
13	91	71	40.7	45.9	33.7	47.3	1.5	0.8	222	290	88	95	SW	1	SW	1	10	10	—	—	Fine a. Dull with ● ⁰ p.	
14	82	90	42.7	36.7	36.2	48.3	2.6	1.5	220	189	81	87	W	1	Calm	0	9	0	—	—	Fine day.	
15	59	68	48.9	46.0	34.7	53.3	1.7	1.3	304	280	88	91	SW	1	SW	1	10	10	—	—		
16	82	82	47.9	47.8	45.0	50.1	2.7	1.3	269	301	81	91	SW	1	W	1	10	10	—	—		
17	75	77	51.5	51.1	46.7	53.5	1.1	1.0	351	350	92	93	SW	2	SW	2	10	10	—	—		
18	66	29.59	52.7	50.7	49.7	53.6	1.9	0.7	347	352	88	95	SW	2	SW	2	10	10	—	—	☿ ⁰ (mist) a. Dull with ● ⁰ .	
19	29.73	30.00	43.7	37.0	36.7	50.6	2.6	1.9	229	184	80	84	NW	1	NW	1	10	10	—	—	Dull with ● ⁰ . ● ² p.	
20	30.10	30.08	38.1	39.6	27.1	47.6	2.2	2.1	187	203	81	83	NE	1	Calm	0	0	10	—	—	Fine day.	
21	30.08	30.03	40.3	37.5	27.0	50.9	2.8	2.3	195	181	78	81	N	1	Calm	0	0	0	—	—	Fine day.	
22	29.98	29.94	41.5	38.5	29.0	52.0	2.8	1.1	206	211	79	91	SE	1	Calm	0	8	4	0.013	—	Fine day. ☿ ⁰ (mist) 9p.	
23	29.80	29.99	47.8	42.1	36.8	53.7	1.5	2.7	296	213	89	80	NW	1	NE	1	9	0	—	—	Fine day.	
24	30.03	30.17	42.4	37.8	31.8	47.4	4.9	4.1	179	154	66	68	N	2	NE	2	4	3	—	—	Fine day.	
25	30.18	30.11	41.1	32.7	29.7	44.6	4.9	2.8	166	129	65	70	N	2	N	1	2	0	—	—	▲ ⁰ p.	
26	29.87	29.68	36.6	36.4	29.2	41.6	4.2	3.6	143	152	66	70	N	2	N	1	2	0	—	—	☿ ⁰ p.	
27	61	55	39.7	39.2	33.6	42.8	3.0	2.5	188	192	66	70	NE	2	N	1	1	10	—	—	Dull and overcast.	
28	40	30	38.7	37.4	33.6	42.4	3.0	1.1	179	202	77	91	N	1	N	1	9	10	0.029	—		
29	29	31	39.2	38.5	30.7	44.6	2.1	1.0	199	213	83	92	Calm	0	Calm	0	2	4	0.029	—	● ⁰ ▲ ⁰ showers p.	
30	34	48	36.9	34.9	29.7	45.9	0.2	0.5	215	193	93	95	Calm	0	Calm	0	10	4	0.046	—	● ⁰ ▲ ⁰ showers p. ☿ ⁰ (mist) 9p.	
31	29.62	29.74	35.3	37.5	27.6	50.2	1.0	1.8	187	190	91	85	Calm	0	Calm	0	8	3	—	—	☿ ⁰ a. Fine day.	
Mean	29.804	29.811	40.7	38.9	32.9	47.5	2.1	1.5	215	212	82.7	87.3	0.9	0.6	7.1	5.8	0.804					

DEERNES.—APRIL 1898.

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	29.66	29.56	35.4	38.8	34.8	41.0	2.6	2.0	158	197	76	84	N	3	S	4	10	10	0.060	Fine all day.		
2	26	27	43.6	36.3	35.2	46.2	1.2	1.3	257	190	90	89	SW	4	WNW	3	9	9	0.130	Damp and muggy a. ✱ showers p.		
3	29	26	39.8	36.2	33.4	41.6	4.8	1.8	158	180	64	85	W	5	SW	4	5	1	0.130	✱ showers all day. Very		
4	44	80	39.4	36.3	32.2	40.0	3.4	3.3	177	155	74	72	N	7	NNW	4	7	9	0.020	[boisterous.]		
5	80	65	39.8	40.1	32.8	44.8	4.8	3.1	158	188	64	75	SW	4	SW	3	1	3	0.160	Cir. in bands N-S a. and SW-NE p.		
6	49	60	38.0	37.1	34.0	41.4	1.0	0.8	205	91	93	93	N	3	E	3	10	10	0.330	2 all day from 5a.		
7	63	71	45.0	46.3	36.0	52.2	1.0	1.2	275	285	92	92	SW	1	SSW	2	10	10	0.100	Partial 2 sp.		
8	69	55	49.6	47.0	43.7	52.8	1.4	2.0	319	275	90	86	SSW	2	S	4	8	0	0.100	⊕ 3p. Rough sea.		
9	29.27	29.33	45.7	44.0	43.2	49.5	1.3	0.6	278	274	91	95	SSE	4	Calm	0	10	0	0.135	Mild and damp.		
10	28.97	28.96	47.3	45.0	42.0	52.6	1.3	1.9	294	255	91	86	SSE	6	SSW	3	0	1	0.020			
11	29.05	29.18	48.0	44.2	42.4	52.6	2.0	1.8	285	250	86	86	SW	3	SW	2	3	5	—	Fine and mild all day.		
12	31	47	46.0	44.0	38.3	52.8	3.6	1.8	233	248	76	86	WSW	4	S	2	3	2	—	Fine and mild all day. ☙		
13	45	41	44.8	44.2	38.0	46.0	1.8	0.9	255	270	86	93	SE	8	SE	9	10	10	0.300	Rough sea. (gale).		
14	55	60	45.0	43.8	42.2	46.1	1.0	0.8	275	267	92	94	S	5	SSE	5	7	10	0.115	Rough sea.		
15	57	57	43.2	41.0	39.2	44.4	0.9	1.0	260	235	92	92	SE	7	ESE	6	10	10	0.685	Continuous 2 all day. Rough sea.		
16	57	67	44.7	45.0	40.2	50.4	1.4	1.7	264	260	89	87	W	3	SSE	3	9	1	—	Rough sea.		
17	60	55	47.5	44.8	42.4	48.0	2.5	1.6	269	260	82	88	SSE	5	SE	7	4	2	—	Cir. in bands N-S. ∞ 9p.		
18	57	65	42.7	42.4	41.4	45.5	1.5	2.1	241	227	88	84	SE	8	SE	7	10	10	0.090	☙ (gale). ∞ 9a.		
19	70	73	41.9	42.0	41.0	43.2	1.8	2.0	228	225	87	85	SSE	6	SE	7	10	9	—	Dull and raw all day.		
20	75	86	43.0	43.0	41.0	44.8	2.6	1.5	223	245	80	88	SE	7	SSE	5	9	10	—	Raw and cold all day.		
21	94	97	47.1	45.0	42.0	50.4	1.1	0.8	297	280	92	94	S	2	SE	1	1	6	—	Mackerel sky all day.		
22	94	86	43.4	42.3	41.2	45.6	0.4	1.3	272	242	97	90	SE	4	SE	6	10	9	—			
23	81	29.80	42.3	42.0	39.6	43.4	2.5	0.5	218	256	82	96	SE	6	SE	5	10	10	0.140			
24	91	30.03	49.2	44.4	41.2	52.6	3.2	1.2	274	265	78	91	WSW	2	SE	1	3	1	—	Fine all day. ☙ n.		
25	97	29.89	47.4	43.3	42.2	50.6	0.7	1.8	311	242	95	86	S	2	SSE	6	10	0	—	☙ (mist).		
26	84	80	45.4	44.0	40.0	47.8	2.4	0.6	249	242	83	95	SE	5	SE	4	0	10	—	Mackerel sky p. ∞ 9p.		
27	75	67	47.7	44.5	43.0	50.0	2.5	2.4	272	240	82	82	E	5	ESE	5	2	9	—	☙ showers all day.		
28	60	66	44.6	44.0	41.8	45.8	1.6	2.0	258	244	88	84	SE	8	ESE	7	10	10	0.150			
29	64	62	45.3	43.8	42.4	46.8	2.3	2.5	252	232	83	80	E	7	E	7	9	10	0.160			
30	29.48	29.42	44.4	44.4	42.2	45.0	0.6	0.4	278	283	95	97	ESE	7	ESE	6	10	10	0.090	☙ till 9a. ☙ showers all day.		
Mean	29.580	29.594	44.2	42.6	39.6	47.1	2.0	1.6	250	242	85.2	87.8	4.8	4.4	7.0	6.6	2.685					

DUNROBIN CASTLE.—APRIL 1898.

Height above Mean Sea Level, 12 feet

LAUDALE.—APRIL 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
							Dep. of Wet.		Vapour Tension.		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.	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	ins.	
2	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	showers n. ☼ a. Mild.	
3	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	showers.	
4	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	showers a. ☼ showers p. ☼	
5	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	☼ a. ☼ later.	
6	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	Bright at times a. ☼ showers p.	
7	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	☼ a. and p. ☼ p.	
8	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	Mild a. ☼ aft. Very warm n.	
9	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	Squally ☼ a.	
10	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	☼ n. and a. ☼ showers p.	
11	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	Mild day. ☼ showers. ☼ p.	
12	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	☼ showers till evening. ☼	
13	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	☼ showers.	
14	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	☼ all day. ☼	
15	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	Fine p.	
16	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	☼ a. Fine day. Cir. cloud.	
17	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	☼ n. ☼ and Parhelia most of day.	
18	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	Threatening appearance. ☼	
19	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	☼ a. ☼ p.	
20	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	☼ (mist) a. ☼ p. Mild.	
21	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	Squally ☼	
22	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	Very warm.	
23	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	Very warm. ☼	
24	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	Damp day. ☼ (mist).	
25	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	Fine day. ☼	
26	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	☼ a. Fine day. ☼ ☼	
27	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	☼ all day. ☼	
28	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	Very dry. ☼ (gale).	
29	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	Threatening appearance. ☼ 9 p.	
30	29.85	29.81	45.7	44.8	40.7	49.0	1.4	2.8	27.5	23.4	90	79	WNW ₂	NW 2	8	Very cold and dark. ☼ (gale) at times.	
Mean	29.735	29.728	47.8	47.5	41.8	53.3	2.3	2.3	28.0	27.7	84.4	84.2	3.0	2.5	7.4	6.3	☼ shower 5 a. ☼ p. Cir.-s. cloud.

DUNDEE.—APRIL 1898.

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, +0.030 in.

1	29.67	29.67	40.6	39.5	31.1	53.8	1.4	0.8	.223	.226	89	94	NW	1	SE	1	7	10	—	
2	.43	.37	46.1	41.4	32.1	54.4	2.5	2.7	.256	.207	82	80	W	2	W	2	5	7	.020	
3	.39	.28	43.6	41.7	36.6	52.2	3.1	2.4	.219	.215	77	82	W	2	W	6	5	10	—	from noon.
4	.52	.87	41.2	33.1	32.4	47.0	4.5	2.4	.174	.140	67	74	NW	4	NW	1	7	7	—	
5	.94	.79	40.1	40.6	27.0	49.8	2.6	3.0	.197	.195	79	77	SW	1	W	1	5	10	—	∞ a.
6	.60	.59	45.8	53.0	38.6	54.7	1.7	1.5	.269	.361	88	90	W	4	W	4	10	10	—	Dull day.
7	.74	.80	49.2	45.2	44.3	53.9	2.2	1.1	.296	.975	85	92	W	2	W	1	10	10	.040	showers 10a.-4p., then
8	.83	.64	52.6	45.2	44.2	57.0	4.1	3.1	.293	.233	74	78	SW	1	SW	1	10	10	—	Dull day.
9	.32	.42	50.8	49.1	43.2	57.8	2.4	1.9	.311	.302	84	86	SW	2	SW	2	10	7	.680	Dull till 4p. 2p.-3p.
10	.13	.09	52.1	44.6	43.8	56.8	1.9	1.5	.339	.260	86	89	SW	2	W	2	10	10	.090	till 8a., and 3 p.-4.30p.
11	.22	.26	50.9	45.7	42.9	54.9	3.9	2.5	.277	.251	75	82	W	6	W	1	5	5	—	till 4p.
12	.40	.59	47.2	43.1	40.2	55.9	4.7	2.6	.222	.224	69	80	W	4	W	1	5	7	—	11a.-5p.
13	.56	.32	47.6	46.6	36.7	48.7	2.6	2.4	.268	.258	82	82	SE	6	S	8	10	10	.240	10a.-noon. Dull day.
14	.60	.60	46.8	44.5	44.2	48.3	1.4	2.0	.287	.249	90	85	SE	2	SE	1	10	10	.210	n. and during day.
15	.55	.58	44.1	43.9	42.2	44.3	0.7	1.9	.273	.245	94	85	E	1	NW	2	10	10	.250	Dull from 5p.
16	.74	.74	47.8	46.6	36.6	57.0	1.8	2.2	.288	.267	87	85	W	2	W	1	5	10	—	Dull day.
17	.70	.61	48.3	47.4	36.9	55.3	2.8	4.8	.272	.222	81	69	SW	1	SE	1	10	10	—	∞ past 7p.
18	.59	.65	45.8	48.7	40.1	47.9	1.2	1.9	.281	.234	92	86	SE	6	SE	6	10	10	.120	0 n., and from 7p.
19	.75	.78	41.6	41.8	39.7	43.8	1.3	0.9	.236	.247	90	93	SE	1	SE	1	2	10	.100	in past n., and 3p.-6p.
20	29.79	29.91	44.4	43.2	39.2	48.1	1.6	0.9	.257	.260	88	94	SE	2	SE	1	10	10	.020	Dull from 2p.
21	30.01	30.00	47.8	42.6	41.8	54.6	1.2	1.7	.303	.337	81	87	SW	1	E	1	10	10	—	Dull day.
22	29.97	29.88	44.4	42.6	40.2	54.1	0.4	2.1	.283	.239	97	85	SE	1	E	2	10	10	—	Dull day. from 10a.
23	.83	29.83	44.4	44.8	41.0	47.2	1.0	1.1	.269	.211	92	92	E	1	E	1	10	10	.170	∞ at times.
24	29.98	30.02	48.6	46.2	43.2	56.6	1.5	2.7	.305	.253	90	82	SE	1	E	1	10	10	—	Dull day.
25	30.01	29.96	48.0	40.8	39.0	50.7	2.3	1.7	.278	.219	84	87	E	1	E	2	10	10	—	Dull day.
26	29.86	.77	44.8	40.9	39.0	48.5	1.6	2.9	.260	.226	88	78	SE	1	SE	4	10	10	—	∞ at times.
27	.66	.54	44.9	43.1	40.5	48.6	0.5	0.5	.285	.267	96	96	SE	6	SE	6	10	10	.350	Dull day.
28	.53	.56	44.1	42.2	41.2	44.4	0.1	1.5	.287	.237	99	89	SE	2	SE	4	10	10	.940	from 9a.
29	.47	.44	42.9	42.5	41.1	42.8	0.1	1.4	.274	.241	99	89	SE	8	SE	8	10	10	.910	till 10a., and from 4p.
30	29.37	29.20	43.9	43.5	41.5	48.0	0.2	2.5	.282	.229	99	80	SE	2	SE	8	10	10	.310	n. and during day.
Mean	29.638	29.631	46.0	43.7	39.4	51.2	1.9	2.0	.269	.243	86.5	84.9	2.5	2.7	8.8	9.4	4.450			

GLASGOW.—APRIL 1898.

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.		Air Temperature.				Humidity.					Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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	1	W	1	8	9	ins.
2	29'66	29'65	45'6	40'6	37'9	51'9	2'6	2'8	248	198	81	78	SW	1	W	1	8	9	10 p.
3	45	41	45'2	41'5	40'2	49'3	2'3	2'8	249	206	83	79	W	2	W	1	9	9	10 showers.
4	41	31	43'2	38'4	38'4	48'2	2'5	1'8	226	197	81	86	W	1	W	3	9	8	106
5	55	87	40'1	39'5	34'5	47'4	3'9	3'9	174	170	69	70	NW	1	E	1	4	9	—
6	91	77	37'9	42'1	29'8	47'4	3'6	2'9	163	210	71	98	W	1	S	2	0	10	—
7	62	63	46'9	51'1	42'0	52'3	1'7	0'7	281	357	88	95	W	2	SW	2	10	10	Clear a. Dull evening.
8	72	81	50'0	50'9	48'1	54'5	1'3	2'7	327	300	91	81	Calm	0	S	2	10	10	048
9	80	57	51'9	52'9	45'6	57'0	4'9	7'2	267	234	69	59	SW	1	S	2	10	8	058
10	31	39	49'6	49'2	48'9	56'1	1'6	2'9	314	281	89	80	SW	2	S	1	10	10	010
11	13	10	52'7	45'2	45'0	55'8	4'7	1'3	280	271	70	90	SW	2	SW	2	9	7	420
12	23	26	47'7	45'2	44'1	52'8	2'6	3'1	269	233	82	78	SW	4	NW	1	8	10	155
13	44	57	46'9	45'0	39'9	51'4	5'1	3'4	212	225	67	76	NW	1	SE	1	5	5	—
14	47	43	47'1	46'4	43'8	51'1	2'9	1'8	256	273	79	87	S	2	S	5	10	10	263
15	56	56	46'0	45'3	40'6	53'9	5'4	3'4	200	229	65	75	S	1	E	1	10	9	—
16	52	60	45'1	42'4	41'0	51'1	2'1	1'9	252	231	84	86	NW	1	W	1	10	0	110
17	72	73	44'0	45'6	39'4	53'1	2'2	2'9	240	242	83	80	SW	1	SW	1	7	10	—
18	64	53	48'9	47'5	44'3	50'9	3'9	4'5	256	228	74	70	S	2	SE	2	10	7	—
19	49	58	50'0	48'8	44'6	56'7	5'8	4'3	230	243	64	70	S	1	S	1	7	10	038
20	69	69	46'9	49'0	44'1	53'3	3'4	4'6	245	243	78	69	S	1	S	1	10	10	020
21	73	89	46'6	47'9	42'0	49'5	3'8	2'2	233	280	74	85	SE	1	SW	1	10	10	010
22	98	96	49'9	51'9	47'1	58'4	2'7	3'5	292	299	82	77	SW	1	Calm	0	10	4	—
23	90	80	49'0	49'9	44'2	59'0	2'5	3'0	287	286	83	80	N	1	SW	1	10	9	020
24	80	29'83	45'2	45'4	42'8	54'4	1'3	2'1	271	256	90	85	N	1	W	1	10	10	102
25	95	30'02	48'2	43'9	43'9	54'1	2'5	2'5	296	291	83	83	Calm	0	Calm	0	9	10	—
26	98	29'86	45'6	46'6	42'3	54'8	1'7	3'0	268	250	87	79	Calm	0	E	2	10	10	—
27	78	68	45'1	44'7	40'3	48'3	3'8	1'3	219	266	73	90	SE	1	E	3	10	10	—
28	55	46	46'5	44'4	42'5	50'4	2'5	1'5	259	259	82	89	E	1	E	1	10	10	—
29	45	46	47'7	45'1	44'1	52'2	1'7	0'8	289	281	88	93	E	1	E	2	10	10	370
30	32	31	46'2	44'4	42'9	48'6	1'0	1'0	290	269	93	92	E	1	E	2	10	10	158
30	29'29	29'12	49'3	45'1	42'5	54'8	6'2	0'9	216	279	62	93	SE	1	NE	2	8	10	280
Mean	29'601	29'595	46'8	46'0	42'2	52'6	3'1	2'7	253	253	78'8	81'1	1'2	1'5	8'8	8'8	2'260		

SCARBOROUGH.—APRIL 1898.

Height above Mean Sea Level, 219 feet. Heights above Ground:—Bar., - 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 24' W. Lat. 54° 18' N. Gravity Correction, +.025 in.

Day.	Barometer at 32° Faht.		Air Temperature.					Humidity.			Wind Direction and Force.		Cloud Amount.		Rain.	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.	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
2	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
3	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
4	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
5	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
6	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
7	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
8	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
9	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
10	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
11	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
12	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
13	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
14	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
15	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
16	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
17	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
18	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
19	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
20	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
21	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
22	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
23	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
24	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
25	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
26	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
27	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
28	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
29	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
30	29.69	29.69	46.2	46.7	31.3	49.0	4.6	1.6	214	220	70	87	NNW 1	Calm 0	1	9
Mean	29.656	29.668	46.6	43.6	39.7	51.0	2.7	2.2	261	240	81.8	84.2	1.5	1.4	7.0	5.3

CRONKBORNE.—APRIL 1898.

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	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day. ● showers.
2	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
3	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
4	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
5	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
6	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
7	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
8	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
9	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
10	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
11	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
12	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
13	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
14	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
15	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
16	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
17	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
18	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
19	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
20	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
21	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
22	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
23	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
24	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
25	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
26	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
27	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
28	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
29	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
30	29.77	29.75	46.3	42.0	31.2	52.3	1.7	1.7	274	231	88	87	WNW 4	NW 2-3	9	3	0.020	Cloudy day.
Mean	29.691	29.679	48.3	45.9	41.4	52.7	1.3	0.7	308	293	91.0	94.6	3.4	2.4	7.1	6.0	2.018	

STONYHURST.—APRIL 1898.

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° Faht.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	%	%	SSW 2	W 1	10	3	ins.	Fine and sunny.
2	29° 54	29° 49	41° 0	39° 4	29° 3	49° 0	2° 4	0° 9	208	222	81	92	SSW 2	W 1	10	3	—	
3	39	32	43° 0	43° 8	33° 6	47° 3	1° 0	1° 1	255	261	92	92	SW 1	W 3	10	10	—	
4	38	31	44° 4	44° 8	40° 6	48° 0	2° 4	2° 4	240	243	82	82	WbyS 3	SW 3	10	10	° 065	
5	39	68	42° 5	36° 0	35° 7	45° 3	4° 0	2° 0	194	175	72	82	WNW 4	Calm 0	9	0	° 045	Squally ☞ ⚡ a.
6	78	71	37° 0	36° 6	27° 6	48° 0	4° 0	2° 9	149	165	68	76	NE 1	Calm 0	6	0	—	☞☞ (mist). Sunny day. ☐ p.
7	67	60	45° 4	49° 9	34° 1	52° 2	3° 4	1° 5	230	320	76	90	SWbyS 2	swbyW 1	10	9	° 190	Overcast a.
8	76	78	50° 4	47° 4	46° 7	54° 1	1° 4	1° 6	330	380	90	89	swbyW 2	Calm 0	10	3	—	Fine and sunny p.
9	25	56	51° 0	53° 0	42° 8	62° 6	3° 9	6° 3	278	251	75	63	SbyW 1	SbyW 1	9	3	° 170	Bright and warm.
10	26	41	47° 2	48° 2	46° 6	53° 3	1° 0	2° 2	300	283	93	85	SW 2	SW 1	10	10	° 360	
11	22	58	51° 5	46° 1	44° 8	54° 0	1° 7	2° 3	336	260	89	84	SW 2	WSW 4	10	4	° 110	Overcast a. Squally ☞ ⚡ a.
12	27	51	45° 7	41° 0	40° 6	49° 0	3° 0	0° 7	286	279	80	95	WSW 5	NNE 1	10	10	° 475	Squally ☞.
13	31	44	47° 6	47° 5	38° 3	52° 8	3° 2	2° 8	256	263	78	81	NWbyW 4	Calm 0	9	0	—	Fine and sunny p. ☙
14	39	37	45° 2	44° 3	43° 9	50° 0	1° 8	1° 3	260	261	87	90	S by E 3	S by E 2	9	10	° 150	☞ (gale).
15	33	60	47° 5	42° 7	42° 3	51° 3	3° 5	1° 2	248	248	76	90	SEbyS 1	Calm 0	10	10	—	
16	60	64	49° 0	41° 4	40° 4	52° 1	2° 8	2° 4	280	212	80	82	WbyS 3	WSW 1	8	4	° 010	Sunny a. ⚡● showers p.
17	57	41	47° 4	46° 0	35° 3	54° 8	4° 4	4° 6	239	214	71	69	SW by S 2	Calm 0	7	2	—	Bright and sunny.
18	37	44	51° 5	44° 0	40° 3	56° 3	8° 5	3° 0	197	224	52	77	SSW 3	Calm 0	9	7	—	Bright and sunny.
19	55	58	46° 3	42° 3	37° 3	51° 8	4° 4	2° 8	220	221	70	79	SE 2	ENE 2	8	4	—	Bright and sunny.
20	62	73	43° 2	46° 0	36° 9	52° 0	2° 0	2° 0	236	265	85	86	E by N 1	EbyN 1	10	0	° 105	☞☞☞ (mist) a. ☞☞☞ (mist) p.
21	82	82	41° 5	47° 0	41° 3	54° 0	0° 8	2° 8	259	257	94	80	Calm 0	S by E 1	10	0	—	☞☞☞ (mist) a. Very dull day.
22	76	66	43° 5	43° 0	35° 6	52° 0	2° 0	3° 0	221	215	85	78	NNE 1	EbyN 1	10	0	—	Overcast and gloomy during day.
23	67	71	45° 0	46° 0	38° 6	51° 6	3° 6	2° 5	222	255	74	83	NNE 1	Calm 0	10	7	—	☞☞☞ (mist) a.
24	79	83	49° 8	47° 2	44° 7	57° 0	5° 0	4° 7	244	222	69	69	S by E 1	Calm 0	9	8	—	
25	83	70	46° 3	43° 3	35° 1	52° 8	4° 8	4° 1	213	198	68	70	ENE 1	ENE 1	10	6	—	☞☞☞ (mist) a. Very mild.
26	57	40	43° 8	45° 0	40° 3	52° 5	3° 8	2° 2	207	249	72	84	E 2	ENE 1	6	0	—	☞☞☞ (mist) a. Fine and sunny.
27	23	23	48° 0	46° 2	43° 1	48° 0	2° 2	0° 8	281	295	85	95	E by S 1	NNE 1	10	8	° 015	Very dull a.
28	26	20	50° 0	44° 8	44° 7	51° 3	1° 6	0° 8	319	278	89	94	NNE 1	NNE 1	10	10	—	Dull day. Cold wind.
29	14	14	50° 8	46° 5	44° 3	57° 3	2° 3	1° 7	314	277	85	88	E 2	NE by N 1	10	10	° 265	☙ p.
30	29° 12	29° 09	49° 0	47° 3	39° 3	49° 3	3° 8	2° 8	259	261	74	81	SW by E 3	SW 5	10	10	° 040	Distant ☙ 2p. ☙° at night.
Mean	29° 484	29° 478	46° 5	44° 7	39° 6	52° 1	3° 1	2° 4	250	246	78° 9	83° 1	2° 0	1° 1	9° 2	5° 6	2° 170	Squally ☞ (gale) ☙.

CHURCHSTOKE.—APRIL 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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.	45.0	33.8	28.4	53.3	5.3	0	in.	in.	%	%	NNE 2	NW 1	0	5	ins.	∞ a. ● showers. Cool breeze. └ a. Bright day. Cool breeze. Mild day. Bright day. Squally. Bright day. ● showers. ● showers. Cool breeze. Cool breeze. Cold and raw. Bright and breezy. └ a. Bright day. Cool breeze. └ a. Bright and breezy. Bright day. Cool breeze. ∞ a. Raw and cold. ∞ a. Dull, cold and damp. Cloudy and mild. ∞ a. Cool breeze. Cool breeze. └ a. Bright day. └ a. Cold wind. ∞ a. Cold and damp. ∞ a. Dull and warm. Bright day. ∞ ● a. Fine p.
2	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
3	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
4	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
5	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
6	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
7	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
8	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
9	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
10	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
11	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
12	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
13	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
14	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
15	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
16	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
17	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
18	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
19	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
20	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
21	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
22	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
23	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
24	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
25	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
26	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
27	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
28	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
29	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
30	29.34	29.29	45.0	33.8	28.4	53.3	5.3	0	192	179	64	92	NNE 2	NW 1	0	5	∞ a.	
Mean	29.289	29.284	48.0	43.4	37.9	55.3	3.7	1.9	253	244	75.7	85.5	2.1	1.3	7.7	5.3	2.034	

ST DAVID'S PEMBROKE.—APRIL 1898.

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	29.74	29.70	48.1	45.3	37.1	51.3	1.8	0.0	.291	.303	87	100	NNE 2	NW 2	0	5	—	☐ n. Day fine and sunny.
2	.66	.62	47.3	46.1	41.1	50.0	1.3	0.0	.294	.312	91	100	NW 2	W 2	8	7	—	Bright and sunny a.
3	.66	.61	47.5	47.0	43.8	50.5	0.6	0.0	.314	.343	95	100	W 3	SW 4	9	9	—	Cloudy most of day.
4	.71	.87	45.7	49.1	38.9	50.3	1.7	0.0	.268	.239	88	100	NW 5	WNW ₂	4	0	—	
5	.93	.87	45.3	43.6	34.8	50.5	1.2	0.2	.274	.279	91	98	ESE 3	SE 2	4	4	.004	Sunny day, with cold wind.
6	.82	.86	48.4	48.1	42.6	49.2	0.0	0.0	.340	.336	100	100	SSW 4	S 2	10	10	.040	☁ a. and p. ☉ ⁰ showers.
7	.92	.95	49.1	47.1	46.2	50.0	0.0	0.0	.349	.324	100	100	SSW 3	SW 3	10	2	.002	☁ ⁰ showers a.
8	.87	.65	52.5	50.1	43.8	57.0	3.5	0.9	.304	.338	77	93	SE 5	SSE 6	1	10	.402	Sunny day. ☉ from 8p.
9	.57	.58	50.1	49.0	47.8	54.3	0.9	0.0	.338	.348	93	100	WSW 6	SW 4	6	10	.116	Squally ☉ a.
10	.41	.43	48.2	48.1	47.4	52.1	0.0	0.3	.338	.329	100	98	SSW 7	W 6	10	0	.002	Squally ☉. Sunny afternoon.
11	.42	.29	48.1	44.1	41.9	50.9	0.0	0.7	.336	.273	100	94	SW 6	WNW ₆	10	7	.224	Squally ☉ (gale). Overcast day.
12	.61	.69	47.9	46.1	41.6	53.1	1.9	0.0	.286	.312	87	100	NW 3	SW 3	1	0	.010	Squally ☉ (gale) a. Sunny from 7 a.
13	.58	.53	50.1	45.6	45.1	52.0	0.9	0.0	.338	.306	93	100	SSW 6	SSW 5	10	10	.630	☉ ² from top. ☐ p.
14	.54	.54	47.3	43.5	42.4	51.1	3.3	0.0	.250	.283	77	100	NW 3	NW 2	5	0	.006	☉ ² till 4 a. Day fine and sunny.
15	.59	.71	48.6	44.9	40.2	53.7	1.6	0.0	.302	.298	89	100	NW 3	WNW ₂	1	0	—	Fine and sunny.
16	.81	.81	50.2	44.9	41.7	55.9	1.4	0.0	.327	.298	91	100	W 1	SW 1	5	0	—	Fine and sunny.
17	.69	.51	50.7	48.0	44.1	52.3	1.2	0.2	.340	.330	92	99	SSW 2	SSW 4	6	0	—	Sunny p.
18	.39	.54	49.9	44.3	42.9	52.4	1.9	0.0	.310	.291	87	100	SSE 6	WNW ₃	9	2	.015	Overcast day.
19	.65	.67	48.6	46.1	41.4	54.3	2.2	0.0	.290	.312	85	100	E 2	SE 2	7	0	.061	Fine and sunny p.
20	.70	.87	47.1	48.1	45.1	54.7	0.0	0.0	.324	.336	100	100	SE 4	Calm 0	10	0	.080	☉ 7a.-3p.
21	.97	.94	52.1	45.3	42.2	56.5	1.7	0.0	.344	.303	88	100	SE 2	SE 1	1	3	.004	Fine and sunny. ☐ p.
22	.87	.80	51.1	46.2	42.6	55.1	1.0	0.0	.350	.313	93	100	SE 3	Calm 0	4	10	—	☁ ⁰ (mist) ☐ a. Sunny p.
23	.84	.88	48.2	47.1	43.8	51.2	0.2	0.0	.332	.324	99	100	SE 3	Calm 0	10	10	.140	☁ ⁰ (mist) a. Overcast a.
24	.94	.96	48.3	45.3	43.3	52.7	0.3	0.0	.331	.303	98	100	Calm 0	NW 1	10	5	.002	Overcast most of day.
25	.93	.77	50.0	43.3	40.1	55.2	2.2	0.0	.304	.280	85	100	SE 3	NE 1	0	0	—	☁ ⁰ (mist) a. Fine and sunny. ☐ p.
26	.63	.44	50.0	42.4	40.2	55.1	2.7	0.4	.293	.262	82	97	ESE 4	Calm 0	5	0	—	Fine and sunny. ☐ p.
27	.35	.37	52.1	48.0	47.1	57.1	1.1	0.0	.360	.335	92	100	NNE 2	NE 1	10	1	—	☐ a. Overcast a. Sunny p.
28	.41	.35	46.1	44.7	42.6	54.5	0.0	0.0	.312	.296	100	100	NNE 2	Calm 0	10	3	.004	☁ 5a.-11a. Sunny p. ☐
29	29.22	.27	48.8	46.7	41.1	55.4	0.7	0.7	.327	.302	95	95	SE 4	SSW 0	10	1	.332	☐ a. Overcast day. ☉ till 3p.
30	28.88	29.43	47.4	47.7	43.1	52.3	0.0	0.0	.328	.331	100	100	ESE 8	WSW 7	10	5	.120	Squally ☉ ² a. Sunny from 2p.
Mean	29.643	29.650	48.8	45.9	42.3	53.0	1.2	0.1	.316	.307	91.8	99.1	3.6	2.5	6.6	3.9	2.194	

WOOLACOMBE.—APRIL 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
							Dep. of Wet.		Vapour Tension.		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	29.87	29.86	44.8	41.8	40.0	50.4	0.7	0.3	238	258	80	98	N	1	0	—	
3	81	78	46.2	46.8	37.8	49.2	1.1	0.9	287	298	93	93	W	1	W	3	
4	83	29.81	48.2	46.6	44.4	50.0	3.3	1.7	260	277	77	88	W	2	SW	4	
5	29.86	30.04	46.4	44.4	43.0	49.2	1.3	2.1	285	344	91	84	W	3	N	1	
6	30.09	°06	45.6	41.8	36.4	52.4	5.3	1.9	197	225	65	85	SE	3	E	3	
7	°04	°06	50.2	51.0	38.8	56.2	2.0	1.2	312	343	86	92	S	3	S	4	
8	°12	30.15	52.4	49.4	48.8	56.2	2.6	2.9	325	279	83	81	SW	2	SE	3	
9	30.05	29.87	49.8	54.0	45.0	66.0	1.2	4.6	327	298	91	71	SE	4	SE	5	
10	°81	°05	50.2	52.2	47.0	55.0	1.0	2.4	336	328	93	84	SW	5	S	4	
11	°64	°69	49.2	49.6	48.2	53.4	1.0	2.2	334	301	93	85	W	2	SW	6	
12	°65	°45	51.4	45.0	44.0	53.8	2.6	1.1	313	273	83	91	SW	3	NW	8	
13	°77	°89	46.8	44.2	51.8	2.9	1.1	254	301	79	92	W	5	SW	2		
14	°85	°73	52.0	50.2	42.0	56.6	2.8	2.8	316	293	81	81	S	4	S	4	
15	°70	°69	46.4	46.4	45.6	50.4	1.3	2.7	285	252	91	81	W	1	NW	2	
16	29.77	°89	49.4	45.4	39.8	52.4	2.5	0.5	289	292	83	96	W	1	Calm	0	
17	30.08	°99	49.8	43.8	40.8	53.2	2.2	1.3	303	257	85	90	W	2	Calm	0	
18	29.88	°72	50.2	44.4	40.2	56.2	4.3	1.9	261	250	72	86	SW	2	SW	2	
19	°58	°66	53.0	47.4	42.0	55.6	5.6	2.3	265	273	66	84	SE	4	SE	2	
20	°80	29.86	49.4	46.8	41.8	58.0	3.1	1.3	277	289	78	91	SE	3	E	3	
21	29.89	30.02	49.8	48.0	44.2	51.8	2.9	1.3	286	303	80	91	SE	4	NE	1	
22	30.12	30.10	54.6	49.8	43.2	55.4	4.8	3.5	302	273	71	77	SE	1	Calm	0	
23	°02	29.95	52.8	47.0	44.0	56.8	4.0	3.1	297	251	74	78	SE	2	E	2	
24	°01	30.04	47.8	46.2	39.4	52.2	5.1	2.1	221	264	67	86	SE	2	Calm	0	
25	°10	30.09	50.4	48.4	42.4	53.8	4.9	2.1	251	288	69	85	SE	1	NE	1	
26	30.07	29.93	49.6	47.8	42.0	55.2	3.5	3.3	271	255	77	77	W	1	E	2	
27	29.72	°56	50.0	48.6	40.0	56.0	4.3	2.1	259	293	72	86	E	3	E	2	
28	°48	°52	50.0	48.6	47.4	57.0	1.6	1.6	319	303	89	89	E	3	E	2	
29	°56	°51	49.8	49.8	44.4	54.2	1.2	1.4	327	322	91	90	W	1	W	2	
30	°36	°49	50.8	45.8	45.2	53.6	2.0	3.9	319	225	86	73	S	3	S	3	
31	29.08	29.66	50.8	49.2	43.0	54.8	1.6	3.3	330	271	88	77	SE	5	SW	4	
Mean	29.820	29.829	49.6	47.5	42.8	54.2	2.8	2.1	288	279	81.1	85.4	2.6	2.5	5.4	4.1	1.540

PLYMOUTH.—APRIL 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
							Dep. of Wet.		Vapour Tension.		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.	°	°	°	°	°	°	in.	in.	%	%					ins.	Beautifully fine. Fine, mild and sunny. Great visibility. — early a. Fine and sunny. Overcast, with drizzling. ☉ Dull and cloudy most of day. ☁ Bright sunshine all day. [(mist)]. ☉ a. Fine afternoon. Strong SW wind and ☉. Bright sunshine all day. ☉ at night. Bright sunshine all day. Bright sunshine all day. Very fine day. Bright sunshine a. Cloudy later. T Cloudy a. Fine p. Dull and overcast all day. ☉ after- Fine, sunny and cool. [noon]. Cloudy a. and p. Bright intervals. Bright sunshine all day. Fine and warm till evening, then Overcast most of day. [cold]. Fine, bright day. Cloudy n. Overcast nearly all day. [settled]. (SE. gale) a. Squally and un-		
2	29.78	29.80	46.0	43.4	39.3	53.9	4.5	3.1	.216	.217	70	77	N	4						
3	76	76	49.7	46.9	37.0	53.7	4.7	2.0	.248	.274	69	86	Caln	0	WNW	3	5		7	—
4	80	84	49.8	47.2	43.8	52.4	4.0	2.2	.264	.273	74	85	WNW	3	NW	2	7		8	—
5	29.83	29.99	50.5	48.8	41.2	52.3	4.0	2.8	.271	.217	74	79	NW	3	N	2	7		1	—
6	30.03	30.04	47.5	41.2	38.1	51.8	4.8	1.2	.223	.233	68	91	NE	2	SE	2	4		0	—
7	.01	.05	49.5	48.8	37.0	53.0	1.1	0.0	.325	.358	92	100	SW	1	S	3	10		10	.050
8	.08	30.14	50.0	46.5	45.5	51.6	0.1	1.3	.358	.286	99	90	SSW	3	Caln	0	10		1	—
9	30.05	29.90	54.8	52.0	40.8	60.7	6.1	2.1	.276	.333	65	85	SE	3	SE	3	0		0	.060
10	29.80	.85	53.3	50.3	49.1	55.6	2.4	0.4	.341	.355	83	97	Caln	0	SW	5	7		10	.040
11	.63	.71	52.0	51.3	48.8	54.8	0.1	2.9	.385	.306	99	80	SW	5	SW	5	10		9	.120
12	.65	.43	50.2	45.9	48.4	51.3	1.0	1.1	.337	.285	93	93	SSW	5	WNW	6	10		10	.310
13	.74	.88	49.0	46.2	43.0	55.3	5.0	1.9	.235	.270	67	87	NW	5	NW	1	5		0	—
14	.85	.76	50.7	50.0	44.7	54.1	1.3	1.9	.337	.312	91	87	S	5	SSW	6	10		10	.270
15	.64	.63	47.5	44.6	43.4	51.2	2.2	2.9	.276	.232	84	79	NW	2	Caln	0	10		1	.006
16	.71	.84	51.5	45.6	36.8	64.9	3.9	2.4	.285	.252	75	82	NW	3	Caln	0	5		0	—
17	.92	.94	49.5	49.4	35.9	56.7	3.8	1.3	.265	.320	74	91	NW	2	NNE	1	3		0	—
18	.86	.71	52.0	47.5	36.0	53.0	3.7	1.5	.294	.291	76	89	Caln	0	ESE	3	3		0	—
19	.54	.57	51.2	48.0	43.7	53.2	3.7	1.7	.286	.292	76	88	SE	4	SW	3	8		0	.050
20	.71	.82	47.5	48.2	44.0	54.4	2.5	1.5	.269	.300	82	90	ESE	3	E	2	9		10	—
21	29.85	29.96	51.0	47.6	43.0	51.9	2.6	0.3	.309	.319	82	96	SE	3	ESE	1	10		2	.150
22	30.04	30.04	52.0	47.6	43.7	55.4	4.1	1.4	.285	.295	74	90	NE	3	Caln	0	8		0	—
23	29.97	29.92	47.3	44.6	42.1	55.6	2.3	2.5	.271	.239	84	81	NE	2	Caln	0	10		10	—
24	29.94	29.98	47.2	45.0	36.7	50.9	4.2	2.5	.231	.243	72	82	ENE	2	ESE	1	5		4	—
25	30.03	30.05	48.0	45.6	36.3	54.9	3.7	0.6	.249	.292	75	96	E	1	NE	1	10		0	—
26	29.99	29.89	53.0	47.3	42.3	56.1	6.1	3.1	.255	.255	64	79	NE	3	Caln	0	0		8	—
27	.68	.50	48.3	51.8	42.0	56.1	7.8	4.6	.180	.273	54	71	NE	3	N	2	10		1	—
28	.42	.47	55.7	50.2	43.0	56.2	3.3	0.6	.353	.348	79	96	W	3	N	5	2		10	—
29	.48	.48	55.0	49.8	44.9	57.7	3.1	0.1	.347	.356	80	99	NW	1	NE	1	6		6	.120
30	.37	.47	49.5	49.0	45.6	53.9	4.5	1.2	.250	.317	70	92	SE	3	S	6	10		1	.500
31	29.08	29.64	51.5	48.9	43.7	54.1	0.1	1.9	.378	.299	99	87	SSE	8	WSW	3	10		2	.010
Mean	29.774	29.802	50.4	47.5	41.8	54.6	3.4	1.8	.287	.288	78.1	87.5	2.8		2.3	6.9	4.3	1.686		

LONDONDERRY.—APRIL 1898.

Height above Mean Sea Level, 67 feet. Heights above Ground:—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 7° 19' W. Lat. 55° 0' N. Gravity Correction, +.027 in.

1	29.85	29.83	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1030	Overcast all day.
2	29.86	29.84	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1000	Overcast all day. showers in
3	29.87	29.85	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1010	showers all day. evening.
4	29.88	29.86	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1020	before ga.
5	29.89	29.87	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1030	Overcast all day.
6	29.90	29.88	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1040	Overcast all day.
7	29.91	29.89	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1050	early a., and from 6p.
8	29.92	29.90	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1060	showers all day.
9	29.93	29.91	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1070	before ga. showers.
10	29.94	29.92	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1080	showers all day.
11	29.95	29.93	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1090	nearly all day.
12	29.96	29.94	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1100	showers nearly all day. A
13	29.97	29.95	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1110	from 4p.
14	29.98	29.96	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1120	ga.—4p.
15	29.99	29.97	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1130	Overcast all day.
16	29.99	29.97	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1140	(mist) a.
17	29.99	29.97	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1150	Overcast all day.
18	29.99	29.97	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1160	during day.
19	29.99	29.97	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1170	Overcast all day.
20	29.99	29.97	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1180	
21	29.99	29.97	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1190	
22	29.99	29.97	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1200	
23	29.99	29.97	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1210	during day.
24	29.99	29.97	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1220	Overcast all day.
25	29.99	29.97	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1230	
26	29.99	29.97	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1240	
27	29.99	29.97	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1250	during day.
28	29.99	29.97	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1260	Overcast all day.
29	29.99	29.97	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1270	
30	29.99	29.97	48.7	45.3	40.8	52.4	5.0	3.0	232	237	67	78	W	2	SW	2	10	10	1280	from 2p.
Mean	29.684	29.676	49.3	47.5	41.7	56.6	3.2	2.4	279	274	79.3	83.1	2.1	1.9	8.1	6.3	3.820			

ARMAGH.—APRIL 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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	29.72	29.71	47.7	40.1	35.0	53.3	2.7	0.6	.267	.236	81	95	WSW 1	SW 1	10	9	.010	U
2	.56	.53	48.0	42.5	37.2	54.8	3.7	1.2	.249	.246	75	90	WSW 2	SW 2	10	10	—	
3	.50	.44	47.9	43.4	38.3	51.0	3.4	1.6	.255	.247	78	87	SW 3	W 3	3	10	.070	
4	.65	.88	44.8	36.8	32.5	51.1	3.0	2.0	.232	.181	79	83	NW 2	NNE 1	3	0	—	
5	.88	.74	44.6	45.0	27.5	53.0	3.6	3.0	.218	.233	74	78	SSE 3	S 4	0	10	—	⌋ a.
6	.64	.68	54.7	53.0	42.5	57.9	2.7	0.2	.352	.397	82	99	SSW 4	SW 3	10	10	.065	
7	.73	.78	53.7	51.4	50.2	61.0	2.4	2.0	.346	.328	84	87	SW 2	S 4	10	8	—	
8	.71	.40	50.9	51.2	45.0	61.2	3.0	1.8	.298	.355	80	95	S 4	SSE 6	10	10	.118	
9	.38	.27	52.0	47.8	46.0	58.5	0.9	1.1	.364	.306	94	92	SW 3	S 5	8	10	.298	
10	.13	.17	53.8	45.6	45.5	56.0	1.0	1.8	.287	.266	69	87	SSW 6	SW 3	5	8	.067	
11	.27	.32	50.4	41.5	40.3	51.7	1.9	0.9	.318	.243	88	93	SSW 3	WNW 2	8	8	.073	
12	.51	.52	47.0	47.9	36.3	54.0	3.3	3.7	.247	.248	77	75	SW 3	S 3	8	10	.347	
13	.32	.41	46.6	43.8	41.6	49.1	0.8	0.5	.299	.274	95	95	SSW 4	S 3	10	7	.296	
14	.50	.53	49.6	44.0	37.2	57.7	3.6	2.7	.269	.230	76	79	SSW 2	S 1	3	10	—	T sp.
15	.56	.65	49.4	43.0	37.4	58.0	3.4	1.2	.272	.251	77	90	W 1	SW 1	2	9	—	
16	.74	.69	45.8	47.4	35.0	57.7	2.0	2.4	.264	.270	86	83	SW 1	SSW 2	10	7	—	
17	.53	.36	49.6	46.8	42.8	52.5	2.8	0.3	.287	.314	82	98	S 4	SSE 4	10	10	.280	Overcast all day.
18	.34	.55	46.7	41.7	41.0	48.2	0.7	0.4	.302	.256	95	96	SE 5	N 0.5	10	10	.312	Overcast all day.
19	.64	.59	47.0	46.7	32.2	54.3	2.4	1.2	.266	.291	83	92	N 1	SE 3	9	10	.168	
20	.60	.86	47.3	48.8	43.0	58.0	0.5	0.9	.314	.323	97	93	SSE 4	NNE 0.5	10	10	—	
21	.94	.90	57.0	50.2	44.4	62.1	5.1	4.1	.325	.265	70	74	SW 1	S 3	0	0	—	Fine day.
22	.84	.76	52.9	51.4	41.3	62.0	3.9	2.4	.300	.318	75	84	S 2	S 1	0	10	.027	
23	.77	.85	52.4	46.5	46.0	56.2	1.6	1.0	.351	.293	90	93	SW 1	S 1	10	10	.133	Overcast all day.
24	.93	.97	50.0	49.0	43.2	55.5	3.5	1.1	.276	.320	77	92	E 0.5	S 1	10	10	.006	
25	.93	.77	53.0	45.7	35.5	58.2	3.4	2.2	.313	.258	78	85	SSE 3	SSE 1	8	7	—	☼ early a.
26	.67	.55	49.9	42.6	37.2	51.5	3.9	1.0	.266	.251	74	92	E 3	ENE 1	9	9	.018	Cloudy day.
27	.41	.40	45.0	42.7	40.3	51.2	0.5	0.3	.287	.268	96	97	ENE 2	ENE 2	10	9	.020	
28	.44	.34	49.0	46.0	38.5	58.0	2.3	0.9	.291	.289	84	94	SW 2	SE 1	10	4	.072	
29	.22	.16	46.5	45.8	42.2	53.3	0.5	2.1	.304	.261	96	85	E 2	SE 3	10	8	.060	
30	29.12	29.23	49.3	44.7	42.4	49.3	3.5	0.7	.269	.279	76	94	ESE 4	SW 2	10	10	.460	
Mean	29.572	29.566	49.4	45.8	39.9	55.2	2.7	1.5	.290	.277	82.3	89.2	2.6	2.3	7.7	8.4	2.900	

DUBLIN (PHŒNIX PARK).—APRIL 1898.

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° Fah.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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	29° 81	ins.	42° 7	44° 3	30° 9	53° 0	3° 5	3° 5	in.	204	218	74	74	WSW 1	Calm 0	9	2	ins.	— before 9a. Cloudy day.
2	63	63	47° 6	44° 3	37° 3	52° 2	3° 1	1° 7	258	254	79	87	W 1	WNW 1	7	6	010	☼ early a. Cloudy day. ☼ showers p.	
3	63	57	48° 3	44° 5	38° 7	53° 4	4° 3	2° 3	241	242	71	83	WSW 2	WSW 1	6	9	010	☼ showers a. Cloudy day. ☼	
4	75	94	49° 6	34° 5	33° 7	50° 0	3° 5	0° 9	205	182	75	91	WNW 2	Calm 0	2	1	—	Beautiful day. [7p.—midnight]	
5	76	87	48° 1	37° 9	26° 6	52° 7	7° 0	2° 4	190	183	58	80	NNW 1	Calm 0	2	1	—		
6	75	80	53° 9	54° 1	34° 6	62° 1	3° 1	2° 8	331	346	80	82	SW 2	SW 1	7	9	—	Cloudy day.	
7	84	91	54° 5	53° 5	52° 1	63° 8	3° 2	5° 7	337	268	79	65	SW 2	SW 2	10	6	—	Dull a. Cloudy p.	
8	80	55	56° 5	52° 3	48° 8	63° 2	6° 9	2° 9	281	317	61	80	SSW 3	SSW 2	7	9	010	☼ showers p. [showers 10a.—11p.]	
9	49	43	51° 1	49° 6	47° 5	59° 1	3° 1	1° 6	293	314	78	89	WSW 2	SSW 4	7	10	130	Cloudy day, with squally	
10	29	31	54° 6	48° 2	44° 0	59° 5	5° 6	3° 3	283	259	67	77	SW 3	WSW 3	6	4	160	Cloudy day, with squally	
11	38	38	49° 6	43° 7	42° 8	49° 8	3° 2	1° 6	278	249	79	87	SSW 2	NW 1	10	8	335	Dull day. ☼ noon—6.30p. [noon—2p.]	
12	62	65	47° 3	47° 6	35° 9	56° 9	4° 6	3° 3	225	254	69	77	W 2	SSW 2	2	0	005	Beautiful day.	
13	45	53	51° 6	43° 1	38° 4	54° 1	3° 1	1° 9	304	237	79	85	SSW 5	Calm 0	10	7	060	Dull day. ☼ a. and p.	
14	59	61	50° 1	41° 6	31° 7	57° 2	5° 5	2° 9	236	206	65	79	Calm 0	Calm 0	1	0	—	Beautiful day.	
15	65	75	48° 0	44° 9	36° 4	56° 1	3° 7	3° 4	249	225	75	76	WSW 1	Calm 0	2	2	—	Beautiful day.	
16	84	80	48° 4	45° 6	36° 4	57° 1	4° 6	2° 7	236	246	70	81	W 1	SSW 1	6	1	—	Beautiful day.	
17	66	48	50° 1	49° 2	43° 7	51° 6	5° 2	0° 2	342	253	67	72	S 2	SSE 2	10	10	—	Dull and cloudy.	
18	42	62	47° 2	44° 6	43° 9	49° 7	5° 5	0° 9	289	274	90	94	SSE 2	Calm 0	10	10	170	Dull, with drizzling ☼ 10a.—11p.	
19	72	68	47° 6	45° 2	37° 6	51° 7	3° 0	1° 9	260	258	79	86	Calm 0	Calm 0	8	2	080	Cloudy day.	
20	29° 65	94	49° 5	47° 6	44° 9	59° 7	1° 0	2° 1	328	280	93	86	SW 2	Calm 0	10	6	005	☼ 4a.—9a. Dull a. Cloudy p.	
21	30° 02	98	56° 7	43° 5	43° 5	60° 0	5° 3	0° 7	317	267	68	94	Calm 0	Calm 0	1	2	—	Beautiful day.	
22	29° 92	84	50° 7	48° 0	37° 0	58° 7	2° 7	1° 4	302	299	82	90	Calm 0	Calm 0	1	6	—	☼ till 6.30a. Bright a. Cloudy p.	
23	35	29° 92	52° 4	47° 4	42° 0	55° 5	3° 2	0° 8	311	308	79	94	SSW 1	Calm 0	10	10	525	Cloudy a. Dull, with ☼ p.	
24	29° 98	30° 02	48° 4	45° 5	43° 9	54° 8	1° 4	0° 4	305	295	90	97	Calm 0	Calm 0	9	4	005	☼ till 7.30a. Cloudy day. ☼☼ p.	
25	30° 00	29° 85	52° 8	42° 5	35° 5	55° 7	3° 5	0° 2	309	268	77	98	Calm 0	Calm 0	4	10	—	☼ a. and p.	
26	29° 71	59	47° 6	42° 0	40° 8	52° 8	2° 3	0° 9	275	247	84	93	E 1	Calm 0	9	6	—	☼ a. Cloudy a. Bright p.	
27	47	46	47° 3	46° 6	41° 0	53° 2	1° 7	1° 2	285	290	88	92	E 1	Calm 0	10	10	—		
28	48	41	50° 6	45° 1	42° 9	57° 6	4° 0	1° 6	272	263	74	88	Calm 0	Calm 0	7	2	005	Cloudy day. ☼ 3p.—7p.	
29	27	25	49° 4	46° 6	35° 8	54° 5	2° 8	3° 1	285	248	81	79	SSE 1	SSE 1	10	7	070	Cloudy day. ☼ showers p.	
30	29° 13	29° 34	44° 7	44° 5	42° 9	47° 7	1° 2	2° 1	269	246	91	84	E 2	WSW 2	10	1	750	Dull, with ☼ 7a.—4p. Clear n.	
Mean	29° 660	29° 662	49° 7	45° 6	39° 7	55° 4	3° 6	2° 1	277	260	76° 7	84° 7	1° 4	0° 8	6° 8	5° 4	2° 330		

PARSONSTOWN—APRIL 1898.

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	29°79	29°78	44°9	39°6	27°2	53°8	3°1	1°3	2°31	2°17	78	89	SW	1	Calm	0	9	9	—	Fine day.	☼ ⁰ (mist) 9p.	U
2	°68	°65	47°7	44°6	35°0	50°8	3°4	2°1	2°53	2°48	77	84	SW	1	SW	1	10	9	°087			
3	°62	°63	48°3	43°9	38°5	51°6	4°3	1°2	2°41	2°60	71	91	W	2	W	2	7	8	—			
4	°79	°92	44°8	36°7	34°7	50°6	4°4	1°9	2°07	1°82	69	84	NW	1	Calm	0	6	0	—	Fine day.		
5	°89	°78	46°7	45°2	26°5	53°6	4°5	1°7	2°21	2°62	70	88	SE	1	SE	1	7	9	—	☼ ¹ a. Fine day.		
6	°72	°76	50°7	54°0	44°5	60°6	3°8	1°6	3°54	3°71	76	89	SE	1	SW	1	8	10	—	Fine day.		
7	°82	°88	54°8	49°8	49°5	62°3	3°7	2°9	3°30	2°87	77	81	SW	1	S	2	10	10	—	Dull day.		
8	°72	°44	53°3	52°3	46°6	60°9	2°1	2°8	3°48	3°20	85	81	S	3	SSE	3	10	10	°301	Squally ↗ a. ☼ ⁰ p.		
9	°51	°35	51°0	51°4	46°5	56°0	3°2	1°6	2°94	3°38	79	90	WSW	2	S	2	8	10	°253	Squally ↗ a. ☼ ²		
10	°26	°34	54°2	47°6	45°1	54°2	5°4	2°6	2°83	2°68	67	82	SW	2	SW	2	7	10	°074	Dull, with ☼ ² a. ☼ ⁰ p.		
11	°33	°43	49°4	42°4	41°7	49°4	3°1	2°2	2°79	2°25	79	83	S	1	WNW	2	10	6	°195	Dull, with ☼ ² a. ☼ ⁰ all day.		
12	°60	°57	48°8	45°8	35°7	50°7	4°4	2°6	2°45	2°50	70	81	WNW	1	S	1	7	6	°559	Fine day.		
13	°38	°48	46°6	41°0	40°7	48°3	1°5	1°3	2°82	2°29	90	90	SW	1	Calm	0	10	0	°250	Dull day, with ☼ ² .		
14	°55	°59	49°6	40°8	34°5	56°3	4°4	0°3	2°53	2°48	71	98	SE	1	SW	1	0	10	°201	Fine most of day. ☼ ² in evening		
15	°63	°72	47°2	41°6	33°5	52°3	3°5	2°0	2°45	2°22	76	85	SW	1	Calm	0	7	0	°046	☼ ² early a. Fine day. ☼ ² [showers.		
16	°80	°75	49°7	46°1	34°4	51°2	4°2	2°4	2°59	2°58	72	83	WSW	1	Calm	0	7	10	—	Fine day.		
17	°56	°34	50°0	48°6	42°7	53°2	3°6	1°8	2°73	2°99	76	88	SE	1	SSE	2	10	10	°553	Dull day, with squally ↗ ☼ ⁰ .		
18	°41	°61	46°2	40°5	40°4	51°0	2°4	0°7	2°59	2°37	84	94	NW	1	Calm	0	10	0	°023	Dull day.		
19	°68	°61	47°6	46°8	29°4	56°6	3°8	4°3	2°44	2°26	74	71	SE	1	SE	1	3	10	°229	Fine day.		
20	°67	°92	54°4	49°7	44°0	56°8	4°7	1°8	3°00	3°12	71	88	W	2	Calm	0	2	10	—			
21	°97	°92	56°5	49°3	40°2	65°9	5°1	2°4	3°19	2°93	69	83	Calm	0	SE	1	0	10	—	Fine day.		
22	°85	°81	51°7	49°4	46°8	59°5	3°1	1°9	3°05	3°05	80	88	SE	1	Calm	0	10	10	°029	Fine day.		
23	°78	29°89	50°7	45°7	45°2	51°6	1°9	0°9	3°22	2°87	88	94	Calm	0	Calm	0	10	10	°370	Dull, with ☼ ⁰ all day.		
24	°96	30°01	47°7	47°8	43°7	50°3	2°0	2°4	2°83	2°74	86	83	Calm	0	Calm	0	10	9	—			
25	°95	29°74	54°8	48°5	39°7	60°5	4°8	1°8	3°04	2°97	71	87	SE	1	Calm	0	6	4	—	Fine day.	∞ p.	
26	°66	°55	47°4	43°7	37°8	57°3	2°6	1°8	2°67	2°46	83	86	SE	1	Calm	0	10	10	—	Fine day.	∞	
27	°44	°42	49°4	49°7	36°7	57°8	3°1	1°8	2°72	2°12	78	88	SE	1	Calm	0	10	10	—	☼ ⁰ (mist) a. and p.	Fine p.	
28	°47	°37	49°6	47°8	40°6	51°8	4°2	3°1	2°57	2°60	72	79	W	1	Calm	0	8	2	°013	Fine day.	∞ p.	
29	°18	°11	48°0	47°1	40°4	55°9	2°0	1°7	2°85	2°83	86	88	SE	1	SE	2	10	10	°123	Dull, with ☼ ⁰ . Squally p.		
30	29°08	29°31	45°6	43°7	43°1	50°6	1°7	2°4	2°68	2°33	87	81	SE	1	S	1	10	3	°268	Dull, with ☼ ² showers.		
Mean	29°625	29°623	49°8	46°0	39°5	54°7	3°5	2°0	2°76	2°68	77°1	85°9	1°1		0°8	7°8	7°2	3°574				

DEERNESS.—MAY 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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°	45°	42°	52°	0°	2°	in.	in.	%	%					ins.		
2	29° 20	29° 58	45°	45°	42°	52°	0°	2°	299	264	100	86	SE 7	SE by E	10	0	—	☁ a.	
3	59	50	44°	44°	42°	48°	0°	1°	281	246	98	85	SSE 3	E 5	10	10	600	☁ a.	
4	10	19	46°	46°	42°	51°	0°	3°	298	261	100	94	SE 4	SSE 5	10	10	—	☁ till 7 a., then ☁.	
5	17	22	45°	45°	43°	50°	0°	2°	298	269	98	100	SSE 4	SE by S	10	10	—	☁ till 10 a., and from 8 p.	
6	29	29° 45	50°	47°	43°	53°	1°	1°	323	268	89	93	SSW 1	NW by W	9	8	510	Fine a. ☁ 3 p.	
7	29° 7	30° 1	46°	45°	43°	50°	2°	1°	248	264	80	89	NNW 6	NNW 3	9	0	—		
8	30° 3	29° 8	49°	46°	41°	52°	4°	2°	252	291	70	92	WSW 1	SSE 3	2	10	—	Fine and sunny.	
9	29° 66	56	51°	47°	46°	55°	2°	0°	320	232	85	94	SW 3	W by N	4	10	085	☁ showers.	
10	71	76	43°	40°	38°	48°	3°	1°	212	213	76	86	NW 6	NW 4	9	8	030	Cold, with ☁ showers.	
11	29° 59	29° 12	48°	41°	38°	48°	5°	2°	220	215	66	84	E 1	ESE 6	2	10	310	Fine a. ☁ from 8 p.	
12	28° 50	28° 9	41°	40°	38°	46°	1°	3°	231	187	89	75	NE 7	NNW 6	10	7	180	Cold, with ☁ showers.	
13	28° 93	29° 12	38°	37°	33°	44°	0°	9°	14	100	193	92	88	NW 8	NW 6	10	10	140	Cold, with ☁ showers.
14	29° 24	42	42°	39°	38°	42°	4°	4°	190	163	72	72	66	NW 4	NW 2	8	9	—	Cold and dry.
15	52	54	42°	42°	35°	46°	2°	7°	16	214	240	81	88	SSW 2	SSW 2	8	7	145	Cold, with ☁ showers.
16	56	67	45°	38°	37°	49°	3°	1°	227	197	74	86	WSW 4	WNW 3	4	2	070		
17	77	29° 88	41°	36°	34°	44°	2°	1°	211	195	83	91	WNW 6	WNW 3	9	10	060	Cold, with frequent ✱ showers.	
18	29° 86	30° 05	45°	43°	34°	47°	2°	2°	235	234	82	84	S 1	SE 2	9	0	—	Very fine.	
19	83	18	50°	47°	40°	55°	2°	7°	10	302	298	82	93	SSW 2	S 1	3	0	—	Very fine and sunny. Mackerel sky
20	16	13	50°	45°	43°	51°	4°	2°	261	273	73	91	SE 2	E by S	3	1	0	—	Very fine and sunny.
21	30° 9	30° 05	50°	46°	43°	52°	1°	8°	317	304	88	98	ENE 4	NE 2	0	4	—	Very fine.	
22	29° 97	51°	46°	43°	53°	3°	5°	1°	291	278	77	89	NE 4	NE 5	1	9	—	Dry, with cold wind.	
23	83	83	46°	46°	44°	48°	2°	4°	264	287	83	93	NE 6	NE 4	10	10	—	p. ☁.	
24	80	78	46°	45°	44°	46°	1°	5°	281	243	89	82	NE 5	NNE 4	10	10	—	☁ a. Fine, cold and dry.	
25	75	75	47°	43°	42°	51°	3°	1°	235	248	74	89	NNE 4	N 5	10	8	—	Dry and cold all day.	
26	66	63	46°	45°	40°	51°	3°	5°	238	253	76	85	N 5	N 5	8	2	—	Cold and dry.	
27	59	68	44°	43°	42°	51°	2°	1°	244	248	84	87	N by W	NNW 4	9	6	—		
28	68	72	47°	44°	41°	48°	4°	1°	216	255	68	86	NW 4	NW 2	6	10	075	☁ from 9 p.	
29	78	67	49°	47°	42°	51°	2°	1°	291	291	84	91	W 2	SW 4	10	10	230	☁ from 6 p.	
30	58	46	46°	44°	39°	48°	2°	0°	265	207	86	80	W 7	WNW 6	8	1	200	☁ 11 a. - 4 p.	
31	45	38	47°	42°	39°	49°	5°	2°	211	225	68	85	WNW 7	WNW 5	1	9	080	☁ ✱ showers.	
31	29° 31	29° 27	43°	40°	37°	49°	4°	1°	199	234	70	92	W by N	SW 2	9	10	640	☁ ✱ showers a.	
Mean	29° 59	29° 61	46°	43°	40°	49°	2°	1°	225	250	81°	87°	4°	3°	7°	6°	3°	355	

DUNROBIN CASTLE.—MAY 1898.

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° 43'	29° 64'	45° 8'	45° 0'	44° 0'	57° 2'	1° 0'	3° 2'	*286	*229	93	77	NW	—	—	—	Fine and mild.	
2	° 64	'51	48° 0'	48° 0'	45° 0'	53° 0'	1° 5'	2° 0'	*297	*285	90	86	E	—	—	°630	Fine a. ● p.	
3	'27	'33	50° 2'	49° 0'	45° 0'	55° 0'	1° 4'	2° 0'	*327	*298	91	86	W	NW	—	—	Fine day.	
4	'35	'43	51° 5'	49° 0'	44° 0'	53° 8'	3° 3'	1° 0'	*298	*322	78	93	SE	NW	—	—	°220	Fine and mild a. Dull, with ● p.
5	29° 52'	29° 72'	49° 0'	47° 0'	46° 0'	53° 0'	3° 2'	2° 0'	*272	*275	78	86	W	NW	—	—	°020	—
6	30° 01'	30° 29'	48° 8'	45° 0'	44° 0'	51° 0'	4° 8'	1° 8'	*237	*257	68	86	NW	W	—	—	—	Dull and mild.
7	30° 24'	30° 02'	48° 2'	51° 2'	38° 0'	58° 8'	2° 2'	3° 0'	*283	*302	85	80	N	W	—	—	—	Fine and mild.
8	29° 85'	29° 82'	54° 5'	50° 5'	47° 2'	58° 0'	3° 7'	1° 7'	*325	*324	77	88	W	W	—	—	°090	—
9	'97	'99	47° 5'	45° 0'	39° 8'	52° 2'	4° 0'	6° 8'	*238	*163	73	53	NW	N	—	—	°020	—
10	29° 80'	'15	45° 8'	45° 8'	33° 0'	50° 5'	1° 0'	0° 8'	*286	*289	93	94	NE	E	—	—	*850	● p.
11	28° 92'	'19	40° 8'	40° 0'	36° 8'	46° 0'	0° 8'	3° 0'	*237	*189	94	76	E	N	—	—	*300	Dull, with ● a.
12	29° 29'	'39	38° 0'	37° 8'	34° 8'	46° 0'	3° 0'	1° 8'	*173	*192	75	85	N	NW	—	—	*059	▲ showers a. ● showers p.
13	'48	'64	41° 8'	39° 0'	36° 0'	47° 0'	4° 0'	1° 5'	*189	*209	73	88	NW	NW	—	—	*050	—
14	'71	'75	45° 8'	40° 0'	33° 2'	46° 0'	2° 0'	1° 2'	*264	*222	86	90	SW	N	—	—	—	—
15	29° 76'	29° 96'	44° 8'	37° 2'	33° 8'	50° 2'	4° 8'	2° 2'	*199	*180	67	81	NW	NW	—	—	—	—
16	30° 06'	30° 10'	44° 2'	40° 0'	32° 0'	50° 0'	6° 2'	3° 0'	*171	*189	58	76	W	W	—	—	—	—
17	'01	'25	44° 2'	43° 0'	35° 8'	48° 0'	3° 4'	2° 0'	*218	*234	75	84	NE	NE	—	—	—	Fine, but cold a. Dull p.
18	'31	'37	51° 2'	46° 0'	36° 0'	54° 0'	3° 4'	4° 2'	*292	*221	78	72	W	NE	—	—	—	Fine and bright a.
19	'32	'29	49° 8'	45° 2'	42° 2'	50° 0'	3° 6'	2° 0'	*271	*255	76	85	E	E	—	—	—	Fine and bright.
20	'25	'23	51° 8'	47° 8'	41° 0'	53° 8'	3° 6'	2° 6'	*295	*270	76	81	E	E	—	—	—	Fine and bright, but with cold wind.
21	30° 10'	'09	54° 2'	49° 0'	40° 2'	54° 8'	5° 4'	3° 5'	*283	*266	67	76	E	E	—	—	*059	Dull, with dry wind.
22	29° 97'	30° 00'	48° 2'	47° 0'	46° 0'	49° 0'	2° 0'	1° 0'	*258	*298	86	93	E	E	—	—	*059	Dull, with ● showers a.
23	'97	29° 98'	48° 0'	47° 0'	40° 0'	49° 0'	1° 0'	1° 2'	*309	*293	93	92	E	E	—	—	—	Dull a. Cold wind p.
24	'94	'93	49° 5'	45° 0'	44° 0'	53° 0'	4° 5'	1° 0'	*250	*275	70	92	E	E	—	—	*010	Dull day.
25	'87	'86	47° 8'	43° 0'	43° 0'	50° 0'	3° 0'	0° 2'	*263	*273	80	93	NE	NE	—	—	*020	● ⁰ showers a. Dull p.
26	'82	'91	49° 8'	45° 8'	39° 8'	53° 0'	5° 0'	3° 3'	*244	*237	69	78	NE	NE	—	—	—	Dull day.
27	'89	'94	49° 2'	49° 2'	39° 5'	51° 0'	3° 7'	3° 0'	*264	*278	75	79	N	W	—	—	*050	Dull day.
28	'98	'87	50° 5'	48° 0'	35° 0'	56° 0'	3° 7'	3° 0'	*277	*263	76	79	NW	W	—	—	*100	Fine and breezy. Dull p.
29	'80	'73	49° 0'	40° 0'	39° 5'	51° 0'	1° 0'	1° 0'	*322	*226	93	92	NW	W	—	—	*170	Dull a. ● showers p.
30	'72	'69	46° 0'	42° 8'	35° 0'	56° 2'	4° 0'	2° 8'	*225	*217	73	79	W	W	—	—	*040	Dull day. ● showers p.
31	29° 53'	29° 49'	48° 5'	42° 8'	39° 0'	49° 0'	6° 7'	1° 8'	*200	*236	59	86	NW	NW	—	—	*640	● showers p.
Mean	29° 79'8	29° 82'3	47° 8'	44° 9'	39° 6'	51° 8'	3° 3'	2° 2'	*261	*251	78° 2'	83° 6'					3° 360	

BRAEMAR.—MAY 1898.

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.		Air Temperature.				Humidity.					Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.	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	6	S	0.5	7	ins.	
2	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
3	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
4	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
5	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
6	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
7	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
8	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
9	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
10	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
11	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
12	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
13	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
14	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
15	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
16	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
17	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
18	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
19	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
20	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
21	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
22	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
23	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
24	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
25	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
26	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
27	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
28	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
29	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
30	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
31	28.37	28.56	44.8	42.6	38.0	54.8	3.1	1.4	230	242	78	89	S	2	NE	4	8	ins. 0.20	
Mean	28.601	28.623	45.9	43.0	35.8	52.3	4.2	2.6	222	225	71.9	80.8	1.3	0.8	6.6	7.0	2.020	ins. 0.20	

LAUDALE.—MAY 1898.

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°55	29°69	51°0	50°2	43°1	55°9	3°0	4°2	299	263	80	73	W	3	S	1	7	8	0°30
2	29°67	29°81	51°0	50°2	43°1	55°7	3°0	4°2	299	263	80	73	ESE	3	E	8	4	10	1°20
3	29°23	29°37	49°9	51°0	45°0	55°2	2°9	3°0	287	299	81	80	SSE	3	S	4	10	10	2°40
4	29°30	29°44	49°7	47°2	45°7	51°6	2°3	1°8	323	282	91	88	S	2	WNW	2	10	10	2°60
5	29°64	29°76	48°9	46°2	45°2	52°0	1°7	1°2	304	285	88	92	N	2	N	3	8	9	0°20
6	30°05	30°24	50°5	46°3	44°7	56°2	4°3	1°9	264	270	72	87	N	4	N	1	4	0	—
7	30°19	30°07	50°9	50°4	37°1	58°4	1°9	1°4	334	330	87	90	ENE	3	S	5	2	10	0°20
8	29°96	29°93	52°7	50°0	48°5	55°2	2°5	2°0	331	309	83	86	NW	2	WNW	3	9	10	0°70
9	29°04	29°04	49°4	44°0	43°0	53°8	2°3	2°7	291	234	84	80	N	3	N	3	5	5	0°10
10	29°71	29°24	46°5	46°0	37°0	51°0	2°7	2°2	255	261	82	85	S	3	W	4	10	10	6°80
11	28°87	28°15	42°0	43°0	42°0	48°0	2°0	3°0	225	215	85	78	NNW	4	N	2	10	6	0°20
12	29°31	29°46	43°0	38°7	34°0	48°2	4°0	1°7	197	202	71	86	N	2	N	3	5	8	0°50
13	29°51	29°57	43°5	42°0	36°3	49°8	3°6	2°5	208	216	74	82	N	2	N	2	1	0	—
14	29°68	29°76	45°0	44°9	31°4	51°3	0°8	2°9	280	234	94	79	Calm	0	N	1	2	2	1°60
15	29°80	29°97	45°7	41°0	38°7	47°8	2°7	2°4	247	208	81	81	N	2	N	1	8	5	3°00
16	30°06	30°12	43°8	42°8	35°1	51°0	3°1	3°1	220	212	76	77	N	3	N	1	6	6	3°00
17	29°93	29°18	39°8	43°2	38°0	50°8	1°8	2°2	209	232	86	83	SE	6	N	1	10	0	4°80
18	30°30	30°30	52°8	49°0	35°0	59°5	5°6	3°3	263	270	66	77	ENE	2	Calm	0	1	0	—
19	29°25	29°18	50°0	52°0	41°0	63°4	1°8	6°1	314	354	87	64	ENE	2	E	1	0	0	—
20	29°17	29°13	56°0	57°0	43°8	66°4	4°3	5°8	333	309	74	66	ESE	2	ENE	3	1	7	—
21	30°02	29°91	59°2	55°2	45°1	68°0	8°2	5°9	285	286	56	66	E	2	E	3	1	1	2°00
22	29°81	29°84	53°5	55°2	48°0	59°7	3°1	3°7	326	335	79	77	E	4	E	3	7	2	—
23	29°85	29°84	58°2	57°3	51°2	68°7	4°5	4°2	358	351	74	75	ESE	5	SE	2	1	2	—
24	29°86	29°85	56°2	54°2	46°3	67°8	3°5	5°2	355	286	78	68	ENE	2	E	3	0	0	—
25	29°84	29°81	53°2	53°4	43°0	59°3	5°0	3°7	279	311	69	76	N	2	N	2	0	0	—
26	29°83	29°88	50°0	46°9	39°2	55°0	2°1	3°9	307	234	85	74	N	3	W	2	4	4	—
27	29°92	29°96	48°8	48°9	36°8	54°4	4°1	1°9	251	299	72	87	N	1	N	2	10	6	0°30
28	30°06	30°01	50°5	49°5	43°0	55°7	4°3	1°8	264	309	72	88	N	2	NW	3	10	10	2°00
29	29°93	29°84	51°0	45°0	43°7	52°2	3°8	2°2	281	249	75	84	W	4	N	3	10	5	0°90
30	29°81	29°72	49°0	46°9	40°4	55°2	3°1	2°4	274	265	78	84	NNW	3	N	3	5	8	4°00
31	29°29	29°57	45°0	44°7	39°7	52°2	2°0	0°9	253	275	85	93	N	3	N	3	5	10	2°70
Mean	29°795	29°807	49°6	48°1	41°5	55°8	3°2	3°0	282	269	78°6	79°9	2°7	2°5	5°4	5°4	3°850		

● early a. Fine day.
☞ at night.
☞ showers.
☞ a. ☞ showers.
☞ ☞ ☞ showers.
☞ ☞ ☞ showers.
☞ ☞ ☞ showers p.
☞ ☞ ☞ showers.
☞ ☞ ☞ showers a. Bright intervals p.
☞ ☞ ☞ from ga. ☞² p.
☞ ☞ ☞ a. Cold and unseasonable.
☞ ☞

DUNDEE.—MAY 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
							Dep. of Wet.		Vapour Tension.		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	29.45	29.60	51.8	45.6	42.2	58.5	3.8	1.0	.313	.283	81	93	SW	6	SE	1	5	5	Cloudy day.
3	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	NE	8	5	10	Cloudy day. from 6p.
4	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 6p.
5	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
6	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
7	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
8	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
9	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
10	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
11	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
12	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
13	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
14	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
15	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
16	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
17	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
18	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
19	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
20	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
21	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
22	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
23	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
24	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
25	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
26	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
27	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
28	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
29	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
30	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
31	29.60	29.73	46.9	43.4	39.3	52.8	0.9	0.6	.299	.269	94	95	SE	2	SE	1	5	10	Cloudy day. from 7a.
Mean	29.647	29.648	50.5	45.8	40.2	56.6	4.3	2.5	.266	.257	73.7	83.5	3.5	2.7	7.4	7.5	2.000		

LADYLAW.—MAY 1898.

Height above Mean Sea Level, 447 feet. Heights above Ground:—Bar., 15 feet. Therms., 4 feet. Rain-gauge, 10 inches.
Long. 2° 47' W. Lat. 55° 28' N. Gravity Correction, +0.26 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.				
							Dep. of Wet.		Vapour Tension.		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.	51.0	46.1	42.4	55.8	0.7	0.8	33.1	29.3	88	94	SW	4	SE	1	0	10	ins.	Bright, with ☼ till 11a. ☾ from 6p. ● ² from 7p. T 9p. ● showers all day. ● showers all day. ● ⁰ showers. ● from 11a. Overcast all day. Overcast, with ● showers all day. ☼ showers p. ☼ showers p. Bright all day, but with cold wind. Bright all day, but with cold wind. ● 10a.-3p. Overcast a. Bright p. Bright p. ● from 4p. Sunny intervals. Overcast all day. Overcast all day. Overcast all day. Fine day. ● showers from 5p. Bright and clear all day. ▲● ² showers. ☾ 6p.
2	29.21	29.25	51.0	46.1	42.4	55.8	0.7	0.8	33.1	29.3	88	94	SW	4	SE	1	0	10	0.04	
3	28.86	28.94	46.3	42.0	35.2	46.8	1.5	0.2	27.9	26.3	90	98	E	2	NE	2	8	10	4.02	
4	28.86	28.86	52.0	49.3	40.2	60.8	2.1	3.6	33.3	26.7	85	75	SW	4	NE	1	6	3	0.58	
5	28.85	29.03	50.1	47.0	42.0	54.2	1.4	1.7	32.6	28.2	90	88	SE	1	SE	2	6	8	0.302	
6	29.18	29.22	50.1	44.2	42.4	58.6	1.5	1.8	32.3	25.0	89	86	SW	4	SW	1	5	0	—	
7	29.47	29.51	51.1	46.6	32.6	56.2	1.3	2.2	34.2	26.7	91	85	NW	1	SE	1	8	5	—	
8	29.79	29.67	53.0	49.4	34.8	60.6	3.2	1.7	31.7	31.0	79	89	SE	1	SW	1	2	4	0.64	
9	29.52	29.45	52.3	51.4	42.8	63.4	1.1	1.6	36.2	33.8	92	90	SW	1	SE	1	10	10	—	
10	29.45	29.44	55.0	46.1	43.6	61.4	1.3	2.3	39.5	26.0	91	84	SW	1	NW	1	8	10	—	
11	29.32	28.81	44.4	47.3	41.0	51.3	1.3	1.1	26.2	29.9	90	92	E	1	SW	1	10	10	4.02	
12	28.35	28.35	43.2	40.0	36.8	50.4	1.5	0.7	24.7	23.2	89	94	SE	2	N	1	10	10	0.86	
13	28.80	28.94	45.2	37.2	32.2	51.0	0.9	1.3	28.0	19.6	93	88	NW	1	SW	1	6	10	0.154	
14	29.04	29.08	45.4	37.2	32.2	50.4	2.1	0.8	25.6	20.6	85	93	SE	2	SE	2	10	6	0.074	
15	29.17	29.24	45.3	42.0	25.0	58.8	1.9	3.4	25.9	20.0	86	76	SW	1	W	1	0	0	—	
16	29.32	29.32	51.4	40.3	28.8	55.2	1.8	1.5	33.3	21.9	88	88	SW	1	S	1	0	0	—	
17	29.58	29.62	45.0	46.0	28.8	56.4	2.2	1.6	24.9	27.4	84	89	S	1	SE	1	8	6	—	
18	29.57	29.67	43.2	41.2	30.4	46.4	1.6	1.8	24.5	22.1	88	86	SE	1	E	1	10	10	1.184	
19	29.83	29.82	42.1	40.8	29.6	57.2	1.7	1.4	23.2	22.5	87	89	E	1	E	1	10	0	—	
20	29.76	29.65	48.3	42.4	33.4	54.0	2.1	2.2	28.7	22.5	85	83	NE	1	N	2	4	0	—	
21	29.57	29.57	52.3	46.6	39.6	56.0	2.9	2.2	31.7	26.7	80	85	NW	2	NE	1	3	10	0.038	
22	29.47	29.36	55.3	46.0	42.8	56.6	0.6	0.6	36.4	29.7	83	96	NW	4	NW	2	4	10	2.56	
23	29.37	29.39	51.1	47.0	42.4	62.4	0.8	1.3	35.5	29.1	94	91	NW	1	NW	1	10	10	—	
24	29.39	29.40	47.2	47.3	41.4	53.6	0.8	0.9	30.5	30.4	95	94	NW	2	NW	1	10	10	—	
25	29.40	29.40	46.2	46.3	41.0	52.8	0.9	1.7	29.2	27.4	94	88	NW	1	Calm	0	10	10	—	
26	29.32	29.29	49.2	47.0	40.6	54.8	2.1	1.3	29.8	29.1	86	91	NE	1	W	2	10	10	—	
27	29.30	29.35	48.4	44.6	38.2	54.0	1.6	3.0	30.0	23.0	89	78	W	2	E	1	8	6	—	
28	29.41	29.46	52.3	50.0	40.2	57.4	2.3	1.3	33.1	27.4	84	91	W	2	NW	2	4	6	—	
29	29.54	29.56	55.0	47.8	37.6	61.4	2.2	2.0	37.0	28.3	86	86	W	2	W	2	5	0	—	
30	29.45	29.45	53.2	49.4	43.4	56.0	2.4	1.0	34.0	32.7	84	93	W	2	W	2	10	10	0.048	
31	29.31	29.19	53.0	48.2	38.6	61.4	2.3	1.5	34.0	30.0	84	90	W	2	W	1	0	0	—	
31	29.03	28.98	45.2	39.0	34.8	50.2	0.9	1.3	28.0	21.2	93	90	NW	2	NW	1	10	10	2.274	
Mean	29.317	29.312	49.1	45.0	37.3	55.8	1.7	1.6	30.8	26.5	87.8	88.4	1.7	1.3	6.6	6.6	2.436			

SCARBOROUGH.—MAY 1898.

Height above Mean Sea Level, 219 feet. Heights above Ground:—Bar., -6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 24' W. Lat. 54° 18' N. Gravity Correction, +0.25 in.

1	29.59	29.64	50.1	43.7	42.3	54.8	4.3	1.7	260	247	72	86	WSW	1	SW	2	4	10	—	Overcast and gloomy.
2	29.49	29.41	44.7	50.7	42.3	55.0	0.7	1.6	279	329	94	89	E	1	E	3	10	8	—	
3	29.26	29.24	51.9	46.7	42.3	61.2	1.8	1.5	339	283	88	89	SW	6	S	2	7	1	135	
4	29.19	29.38	50.7	46.5	44.3	61.0	1.5	2.8	331	252	89	81	S	1	W	2	10	2	—	
5	29.57	29.49	52.3	48.2	46.3	58.5	2.5	1.3	327	305	83	91	WSW	2	Calm	0	8	9	—	
6	29.68	29.02	50.8	41.7	41.5	53.2	1.8	1.5	325	240	87	88	NNW	6	NNW	1	7	6	—	
7	30.11	30.00	52.2	46.7	40.3	55.2	2.3	0.5	330	305	84	96	N	1	SW	1	5	0	—	
8	29.83	29.74	52.2	53.1	40.2	59.8	3.1	1.9	309	365	80	86	WSW	2	WSW	2	10	5	—	
9	29.72	29.75	54.5	44.5	44.1	57.1	5.5	2.5	284	238	67	81	NW	2	Calm	0	8	9	—	
10	29.65	29.19	44.5	51.7	42.3	54.9	0.5	0.6	281	367	96	96	NE	1	W	1	7	9	438	
11	28.73	28.89	46.8	41.7	40.4	51.7	3.7	1.7	238	228	75	87	SW	6	NW	1	9	9	218	
12	29.07	29.32	44.5	37.7	37.7	49.8	3.6	1.2	218	202	74	90	N	1	NW	1	7	8	—	
13	29.36	29.44	46.7	44.3	37.7	51.8	4.8	1.5	216	257	68	88	NW	1	SE	1	8	5	—	
14	29.47	29.61	47.5	43.7	37.3	54.0	1.7	1.5	287	251	89	88	N	1	Calm	0	10	0	—	
15	29.64	29.69	51.1	47.1	38.2	59.1	3.6	2.8	286	258	77	80	Calm	0	Calm	0	7	10	031	
16	29.87	29.94	46.8	42.5	37.3	45.7	4.1	2.1	230	227	72	84	N	3	SW	1	5	6	019	
17	29.91	29.96	49.7	46.2	36.4	50.9	6.2	2.1	219	264	62	86	SSW	2	Calm	0	7	7	—	
18	30.12	30.11	49.1	44.5	40.3	49.8	3.3	2.7	270	234	78	80	E	2	NE	2	3	2	—	
19	29.95	29.82	46.6	46.5	42.0	48.9	2.1	1.9	268	269	86	87	N	4	NNE	3	8	7	—	
20	29.73	29.68	46.7	46.5	45.2	47.5	1.0	0.4	295	306	93	98	N	3	N	4	10	10	1-308	
21	29.62	29.62	46.2	46.3	45.3	47.2	0.4	0.6	303	299	98	96	N	4	Calm	0	10	10	227	
22	29.66	29.64	51.8	49.7	45.1	55.7	0.2	1.1	379	328	98	92	Calm	0	Calm	0	1	1	—	
23	29.63	29.71	51.5	44.0	44.0	53.0	1.4	0.9	344	267	91	93	N	2	N	2	6	10	—	
24	29.68	29.69	46.5	43.1	43.1	53.0	0.5	1.0	304	236	97	92	N	2	N	2	10	10	—	
25	29.58	29.55	45.7	40.0	40.0	50.9	1.6	1.8	270	211	89	86	N	2	Calm	0	10	1	—	
26	29.55	29.64	47.2	41.8	39.5	53.5	3.4	2.0	247	223	77	85	N	8	N	1	3	1	025	
27	29.72	29.71	51.2	45.7	38.3	52.0	4.8	0.9	261	286	94	94	NNE	1	Calm	0	4	10	—	
28	29.84	29.85	48.7	48.0	43.3	53.1	1.6	2.5	304	275	89	83	Calm	0	Calm	0	10	2	—	
29	29.78	29.56	59.7	52.2	43.3	62.0	5.6	1.4	351	333	69	91	NW	3	W	3	7	9	137	
30	29.62	29.48	49.4	46.9	40.1	62.3	4.1	2.5	256	263	73	83	WNW	2	Calm	0	5	7	—	
31	29.31	29.26	47.3	39.5	39.0	49.8	2.8	0.4	261	234	81	97	Calm	0	N	2	10	2	350	
Mean	29.610	29.607	49.2	45.5	41.3	54.0	2.7	1.5	286	272	82.1	88.5	2.3		1.2		7.3	6.0	2.888	

CRONKBORNE.—MAY 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
							Dep. of Wet.		Vapour Tension.		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.	52.2	47.0	43.6	53.8	1.2	0.2	35.8	31.8	92	99	S	3-4	E	2	4	10	ins.	Fine a. ● showers n.
2	29.58	29.59	52.2	47.0	43.6	53.8	1.2	0.2	35.8	31.8	92	99	E	5	ESE	4	9	9	.093	● a. ● 2 p.
3	29.46	29.14	46.8	49.8	43.5	50.3	1.4	0.9	28.7	33.5	90	93	SE	5	SE	1	10	6	.440	● a. Dull day. ● 2 showers p.
4	29.15	29.19	50.0	47.0	46.8	54.6	1.0	0.2	33.4	31.8	93	99	SE	5	SE	1	10	6	.143	Cloudy, with ● showers.
5	29.26	29.52	51.2	46.0	46.0	55.0	1.6	0.5	33.5	29.9	89	97	W	3-4	WNW	2	6	2	.070	Fine day. ● 2 p.
6	29.62	29.63	51.2	45.0	40.5	56.4	3.4	0.6	29.2	28.5	78	95	W	3	NNW	2	6	0	—	Fine day. ● 2 p.
7	29.90	30.13	54.8	46.0	43.4	58.8	2.8	0.0	35.1	31.1	82	100	NNW	5	NNW	3	1	0	—	● a. Very fine. ● p.
8	30.16	30.03	53.0	48.4	37.2	55.6	2.8	0.4	32.7	33.0	81	97	SSE	2	SSW	4	6	10	.180	● showers.
9	29.92	29.91	53.2	52.0	47.0	60.8	0.2	0.6	40.0	37.2	99	96	W	3	WNW	2	10	7	.024	● till 10 a. Dull day. ● p.
10	29.91	29.84	51.2	48.1	47.1	54.5	1.2	0.2	34.5	33.1	92	98	WNW	4	WNW	1	9	10	.220	Dull day.
11	29.65	29.26	54.0	50.6	46.2	55.4	0.2	0.8	41.2	34.9	99	95	WSW	3	SW	5	10	10	.463	● a. ● p.
12	28.89	28.99	44.8	44.8	42.6	54.4	0.3	0.2	29.1	29.3	98	99	WNW	6	NW	2-3	8	6	.099	Squally ● showers a.
13	29.24	29.40	51.0	42.0	36.4	51.4	3.2	1.8	29.4	22.9	79	86	NW	4-5	NNW	4-5	7	7	.006	● 10 a. and 9 p. Fine and sunny
14	29.46	29.41	47.7	43.0	37.2	52.1	2.7	0.2	26.7	27.3	81	98	WNW	4-5	ESE	5	4	10	.210	Fine and sunny. ● 2 p.
15	29.56	29.66	56.7	40.2	36.4	59.5	5.4	0.4	31.5	24.1	68	96	N	3-4	N	1	0	3	—	Very fine and sunny.
16	29.72	29.88	51.2	40.4	33.0	55.3	1.8	0.8	33.0	23.5	88	94	NW	3	NNW	3	7	3	.014	Fine day.
17	30.03	30.06	47.9	43.0	38.1	51.8	1.5	0.5	29.6	26.0	90	96	WNW	3	N	2	6	7	.157	● 2 a. ● showers p.
18	29.92	29.40	44.3	46.7	35.8	53.9	0.1	1.3	28.9	28.9	99	91	SW	3	E	3	10	8	.104	● a. Fine and sunny. [sunny.
19	30.18	30.15	51.1	46.2	43.2	56.0	1.5	1.2	33.7	28.5	89	92	ESE	4	ENE	2	1	0	—	● (mist) 9 a. Very fine and
20	29.06	29.93	49.3	49.0	37.3	56.7	1.5	2.0	31.3	29.8	90	86	NE	5	NNE	4-5	4	8	—	● a. Fine and sunny. [sunny.
21	29.85	29.78	57.1	50.0	45.1	61.3	3.2	0.5	37.3	34.8	80	97	NNE	5-6	NNE	6-8	4	9	—	Squally ●. Very fine and sunny.
22	29.69	29.67	57.0	48.0	46.7	57.8	1.9	0.1	40.8	33.2	88	99	NE	6-8	NE	3-4	7	10	.440	Squally ● a. ● from 3 p.
23	29.67	29.63	53.0	53.0	47.2	60.4	0.8	0.8	38.0	40.0	94	99	ENE	3	ENE	2	8	10	.376	Cloudy day. T at night.
24	29.65	29.67	56.2	58.0	48.8	62.6	0.9	1.5	42.5	43.6	94	90	E	4	ENE	3	6	1	—	Fine day.
25	29.70	29.70	58.9	53.4	50.2	63.8	2.7	0.4	41.4	39.7	83	97	E	4	NW	1	1	2	—	● (mist) a. Very fine. ● p.
26	29.66	29.64	57.4	49.4	49.0	64.2	2.0	0.5	41.2	34.0	87	96	NE	3	N	1	5	3	—	Very fine. ● p.
27	29.67	29.74	50.8	46.4	46.4	58.2	1.8	0.2	32.5	31.1	87	98	ESE	3	NW	2	7	4	—	Very fine. ● p.
28	29.82	29.87	55.3	47.7	43.0	57.5	3.0	0.4	35.4	32.1	81	97	NNE	3-4	WNW	2	2	8	.001	Fine a. ● showers p.
29	29.95	29.99	54.5	46.2	45.6	61.3	2.3	0.8	36.0	29.5	84	95	NNW	4	WNW	1	3	6	—	Very fine and sunny.
30	29.91	29.76	55.4	49.0	45.4	58.2	0.8	0.7	41.6	33.0	95	95	WNW	4	NW	4-5	9	10	.122	Dull a. ● p.
31	29.73	29.64	49.7	50.1	45.2	53.1	1.1	0.1	32.9	36.0	92	99	W	2	WNW	2	10	10	.080	● showers.
32	29.43	29.39	49.0	42.2	42.2	54.1	1.9	0.2	30.0	26.5	87	98	NW	4	NNW	4	9	3	.378	● showers.
Mean	29.690	29.684	52.1	47.4	43.1	56.7	1.8	0.6	34.4	31.6	88.0	95.7	3.9	2.8	6.1	6.2	3.620			

HILLINGTON—MAY 1898.

Height above Mean Sea Level, 88 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 33' E. Lat. 52° 48' N. Gravity Correction, +.021 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.			
							Dep. of Wet.		Vapour Tension.	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.	%	%	SW	2	E	1	10	ins.	
2	29.77	29.65	53.5	44.9	38.2	55.8	4.0	1.0	306	274	75	92	SW	2	E	1	10	210	Fine and sunny, then cloudy.
3	53	41	48.7	52.9	44.1	61.6	0.0	2.1	344	344	100	86	E	2	S	0.5	10	240	● showers.
4	44	42	57.3	50.0	46.2	64.4	5.5	2.3	319	303	68	84	SW	3	S	1	2	190	Fine and sunny. T in S. 2p.
5	40	61	52.0	47.0	46.0	55.7	1.6	2.3	345	269	89	84	SSW	1	W	4	10	240	● a. and p.
6	73	29.59	52.9	48.5	42.1	57.6	3.2	0.2	317	336	79	99	W	2	SW	2	8	190	● p.
7	29.79	30.05	50.0	47.0	45.1	56.2	2.1	2.1	307	273	85	85	W	3	N	4	6	240	Blustering, with ● showers.
8	30.24	30.14	51.6	46.4	40.0	59.5	3.9	2.6	285	255	75	82	N	2	NE	1	3	010	Very fine and sunny.
9	30.01	29.89	50.0	54.6	43.9	55.4	1.4	0.0	334	427	90	100	SW	3	NW	0.5	10	030	Overcast and gloomy all day.
10	79	87	52.9	49.5	46.9	56.4	3.6	1.8	307	307	77	88	NW	4	NW	0.5	9	040	
11	03	42	47.8	52.2	44.2	54.6	1.1	0.5	305	377	92	97	S	0.5	S	1	10	040	Overcast and damp.
12	17	37	46.9	45.0	45.0	53.5	6.1	1.2	224	271	63	91	W	6	W	2	10	020	Fine and sunny. ● 2 p. [set.
13	52	56	45.9	42.6	33.3	55.0	4.7	0.9	210	253	69	93	NE	1	NW	1	8	900	Red sun.
14	54	73	46.6	42.0	41.5	57.4	1.3	0.3	287	260	91	98	NW	3	SW	0.5	5	010	Overcast and cold. ● showers p.
15	77	29.79	53.0	49.2	34.0	61.3	4.4	1.6	290	308	72	89	NW	2	NW	0.5	9	020	● a. ● showers p.
16	29.98	30.10	49.0	39.9	39.7	55.3	4.3	2.0	248	206	71	84	ENE	3	E	0.5	6	100	[2p-6p.
17	30.07	04	51.3	48.0	31.2	56.9	5.9	2.2	240	281	64	85	N	2	NE	0.5	7	020	Fine and sunny.
18	30.17	30.15	51.0	43.1	37.3	54.9	6.3	2.4	231	227	62	81	NW	2	SE	0.5	3	100	Very fine and sunny.
19	29.91	29.76	47.2	49.5	41.7	53.0	1.6	0.8	286	333	89	95	NE	5	NE	3	2	010	Very fine and sunny, but with cold
20	66	68	49.0	50.0	48.0	56.0	0.3	0.0	340	361	98	100	NE	3	NE	4	10	030	Overcast, with ● [wind.
21	62	75	33.9	49.1	48.5	60.4	0.5	0.9	401	325	97	93	NE	3	NE	3	10	010	● showers 7a. Overcast and damp.
22	76	69	39.5	53.0	44.3	67.3	5.7	1.7	345	356	68	88	SW	0.5	S	0.5	10	000	Overcast and damp.
23	65	72	66.3	52.6	50.2	71.6	6.3	2.7	431	325	67	81	SE	3	NE	2	5	000	● 3a. Overcast, then fine and
24	73	69	48.0	46.8	41.0	54.0	0.4	1.0	325	296	97	93	E	2	NE	3	3	000	Very fine and sunny. [sunny.
25	64	69	50.1	41.5	41.5	51.6	0.8	1.2	340	236	94	91	NE	3	NE	2	10	100	Fine and sunny.
26	65	79	48.5	46.1	39.1	57.4	4.8	1.6	233	274	69	89	N	2	N	1	10	100	Overcast all day.
27	85	29.85	54.6	50.0	33.5	61.7	0.9	1.8	400	313	94	87	NW	2	NW	1	7	040	Overcast and gloomy all day.
28	94	30.04	50.0	42.0	42.0	57.5	1.3	0.5	337	256	91	96	NW	1	NE	1	10	040	Very fine and sunny.
29	99	29.83	53.2	53.1	39.5	60.9	3.7	1.2	308	370	76	91	NW	1	NE	1	10	040	Fine and sunny.
30	77	68	53.6	50.1	46.3	59.0	5.8	0.4	268	352	65	97	NW	0.5	W	0.5	10	110	Fine and sunny. ● n.
31	29.49	29.35	49.3	43.2	42.9	55.5	0.5	1.1	339	255	97	91	NW	3	W	1	6	210	Fine and sunny. ● from 4p.
Mean	29.724	29.721	51.4	47.4	41.8	57.7	3.1	1.3	306	299	80.7	90.5	2.3	1.5	7.5	6.7	2.560	● 2 s. T in S. 2p.	

CHURCHSTOKE.—MAY 1898.

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.

1	29°21	29°14	49.3	44.2	39.5	55.3	3.0	1.1	278	265	80	92	SSW	2	ESE	2	10	10	0.010	Bright and breezy.
2	28°98	28°77	44.3	50.7	44.2	55.9	0.4	3.8	281	277	97	75	E	3	SW	3	10	6	0.120	☼ a. Stormy all day.
3	77	28°79	54.9	48.9	45.5	59.6	5.9	2.0	280	296	65	85	SSE	4	SSE	2	6	10	0.132	☼ showers.
4	28°87	28°78	47.7	45.8	45.7	54.3	2.0	1.1	283	281	86	92	W	3	W	2	10	6	0.010	☼ showers.
5	29°22	29°14	51.9	44.8	42.9	53.1	3.9	0.7	288	280	75	95	SW	2	SW	1	9	10	0.240	Dull day. Steady ☼ p.
6	53	71	49.9	43.3	37.7	58.3	5.0	1.4	243	249	68	89	NW	1	NW	1	8	0	—	∞. Bright and hot.
7	55	65	54.1	46.8	33.7	66.0	6.9	2.4	251	271	60	85	NW	2	W	1	3	10	0.092	☼ a. Bright and hot, then steady
8	53	48	54.7	51.4	46.8	61.3	1.7	0.9	378	356	89	94	E	1	W	1	10	8	—	Dull day. [●
9	48	29°42	52.9	51.1	47.5	59.5	4.9	2.1	278	321	70	85	NW	1	W	1	8	10	—	
10	29°29	28°88	57.9	50.1	49.3	59.3	4.7	1.3	348	328	72	91	W	2	SW	3	9	9	0.110	
11	28°63	28°36	46.0	43.6	41.7	53.6	4.1	1.5	222	250	72	88	NW	4	SW	1	8	10	0.110	
12	28°76	29°00	46.8	39.3	35.5	52.3	4.9	2.6	215	190	67	80	NNW	4	NW	2	9	5	—	Cold wind.
13	29°08	00	47.9	43.6	34.7	55.1	5.5	1.7	214	246	64	86	WNW	2	WSW	1	8	10	0.200	☼ showers.
14	09	25	46.6	44.3	37.0	56.3	2.9	3.2	252	224	80	77	N	2	NW	1	9	10	—	Bright p.
15	29	42	51.5	44.8	34.1	58.1	5.6	3.3	249	225	66	76	Calm	0	W	3	0	10	0.010	∞ a. ☼ showers.
16	59	65	49.4	42.8	34.7	54.6	7.1	2.9	200	215	57	78	NNE	2	NW	1	6	9	—	270 ☼ p.
17	56	50	48.9	45.2	39.0	49.3	5.0	2.5	233	289	68	97	SW	2	WSW	1	10	10	0.270	Bright, but with cold win d.
18	68	65	50.1	40.8	40.5	54.1	7.2	3.3	206	190	58	75	E	3	E	1	5	0	0.026	Cold wind, with ☼ show ers.
19	44	32	47.7	47.9	35.5	49.7	4.8	4.0	225	242	69	73	ENE	3	E	2	8	10	0.205	Dull and cold.
20	28	21	49.1	48.1	44.7	50.1	1.2	0.3	318	329	92	98	NNE	1	NE	1	10	10	0.150	Steady ☼. ☼ mist.
21	18	19	48.7	49.9	48.1	50.3	6.6	0.1	203	357	60	99	NE	2	E	1	10	10	0.860	☼ noon and 2p.-4p. ☼ 2
22	19	16	50.1	47.2	45.0	59.9	3.1	0.3	362	318	80	98	E	2	ESE	1	8	10	1.230	Bright and warm. ☼ 2 p.
23	18	21	58.9	52.4	45.5	67.3	2.9	0.4	409	332	83	97	ESE	1	SE	1	6	10	—	
24	26	27	51.9	47.8	47.5	61.1	1.7	0.6	342	317	88	95	E	1	W	1	10	0	0.030	
25	31	18	52.1	50.4	42.3	61.1	1.3	1.8	355	319	91	88	E	1	ESE	2	10	10	0.060	☼ (mist) a.
26	22	29	48.9	42.6	42.0	56.5	3.6	1.9	261	232	76	85	SE	2	N	1	10	2	—	☼ (mist) a.
27	38	44	51.4	44.8	33.5	60.9	3.4	1.7	294	258	78	87	N	2	NW	1	8	6	—	Warm and threatening.
28	50	57	53.9	44.8	41.3	60.0	4.9	1.9	290	254	70	85	N	1	NW	1	8	2	—	Warm and threatening.
29	53	38	53.7	52.8	39.5	59.1	3.8	2.4	313	335	76	83	NW	2	W	2	9	10	0.030	Cloudy day.
30	34	29°24	52.1	50.4	47.5	55.1	3.3	1.2	304	334	78	91	W	2	W	2	10	10	0.012	Dull, with ☼ showers.
31	29°00	28°98	50.9	41.8	41.0	54.6	3.0	1.4	297	235	80	89	W	2	SW	3	10	10	0.230	Cold wind. ☼ 2 in evening.
Mean	29°261	29°245	51.0	46.5	41.4	56.3	4.0	1.7	280	280	74.7	87.4	2.0	1.5	8.2	7.8	4.133			

ST. DAVID'S, PEMBROKE.—MAY 1898.

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.		Air Temperature.					Humidity.
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SOUTHAMPTON.—MAY 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
							Dep. of Wet.		Vapour Tension.	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	29.77	29.64	48.8	50.6	42.6	52.4	3.7	0.7	259	351	75	95	SE 2	SE 1	10	10	ins.
2	29.39	29.44	55.6	51.0	48.1	62.3	1.9	2.5	389	311	87	83	ENE 3	SW 4	10	1	all day.
3	29.46	29.41	52.6	51.6	49.1	59.3	3.1	2.4	316	320	79	83	S 3	S 4.5	10	10	showers p.
4	29.49	29.79	53.2	49.8	48.2	59.4	3.5	2.1	313	305	77	86	WNW 5	SW 1.5	7	4	260
5	29.78	29.64	50.8	52.8	47.2	53.6	0.7	0.6	353	383	95	95	S 3	SW 3	10	10	all day.
6	29.90	30.20	56.4	52.6	44.4	62.8	4.6	3.4	330	308	72	77	N 4.5	N 2	1	1	200
7	30.29	30.23	58.9	51.6	41.5	65.7	6.2	2.8	326	311	65	81	NE 1.5	SW 1	5	0	all day.
8	30.13	30.02	49.0	56.0	46.4	57.3	1.0	1.1	322	416	93	92	SW 3	WNW 2	10	8	235
9	30.01	29.96	60.1	54.4	51.3	68.5	5.1	2.2	368	362	71	85	NW 2	WNW 1	5	7	all day.
10	29.85	29.60	57.9	54.0	52.7	64.9	3.4	1.3	382	380	79	91	W 3.5	SW 4	10	10	206
11	29.27	29.17	53.9	48.2	47.5	60.1	5.0	2.2	288	283	69	85	WNW 5	SW 3.5	7	7	all day.
12	29.18	29.50	49.2	43.7	43.7	56.0	2.4	2.9	292	223	84	78	NW 3	NNW 1.5	10	1	showers a. and p.
13	29.65	29.63	55.2	48.8	38.8	57.5	8.0	1.8	244	300	56	87	WNW 3.5	SW 3.5	2	10	showers. 6 p.
14	29.61	29.75	55.7	49.6	46.1	65.3	5.0	1.9	313	308	70	87	NNW 2.5	SW 1.5	5	10	all day.
15	29.75	29.87	48.6	51.5	46.2	56.4	0.5	1.6	329	339	97	39	N 3	SW 2	10	10	all day.
16	30.06	30.14	53.0	49.0	42.8	50.3	6.8	5.2	242	231	60	66	NNE 4	N 1.5	1	5	all day.
17	30.14	30.03	54.0	48.3	37.3	59.2	5.9	1.3	269	306	65	91	SW 2	SW 1	1	10	all day.
18	30.11	30.06	53.4	46.9	41.9	60.2	4.5	3.9	293	234	72	74	NE 4	NE 4.5	9	1	all day.
19	29.81	29.69	46.2	49.8	39.9	50.5	1.9	0.7	270	339	87	95	NE 5.5	NE 2.5	10	10	all day.
20	29.65	29.60	51.5	50.0	49.1	53.2	1.2	0.3	349	353	91	98	NNE 3	NE 3	10	10	all day.
21	29.66	29.72	52.8	52.5	49.6	58.3	0.9	1.4	374	357	93	90	S 3	SE 2.5	10	10	all day.
22	29.67	29.65	60.1	55.3	49.9	64.9	5.2	1.5	366	394	71	90	SE 4	ESE 3	5	10	all day.
23	29.63	29.68	68.7	59.8	51.0	72.7	4.8	2.7	520	445	74	87	NE 1.5	SE 2.5	3	2	all day.
24	29.69	29.75	64.3	53.1	52.9	66.9	3.7	0.7	476	385	79	95	NE 3	SSE 2.5	9	10	all day.
25	29.73	29.68	51.8	55.1	50.8	59.2	1.5	1.4	346	394	89	90	NNE 1.5	SW 3	10	10	all day.
26	29.73	29.77	46.1	47.0	46.0	56.2	0.8	0.6	293	308	94	96	ESE 3	SW 0.5	10	10	all day.
27	29.88	29.92	56.9	53.0	43.2	60.9	5.3	2.8	319	327	68	81	ESE 2	SSW 0.5	1	10	all day.
28	29.98	30.03	59.4	55.7	48.5	62.7	5.1	2.8	358	366	71	82	NNE 3.5	N 0.5	4	10	all day.
29	30.06	29.95	60.0	53.6	46.6	65.3	5.9	1.7	347	363	67	88	NNW 3	W 3	9	10	all day.
30	29.88	29.80	52.9	55.5	51.8	61.7	1.2	2.0	367	384	92	87	NNW 3	W 4	10	10	all day.
31	29.60	29.55	47.3	47.3	47.2	59.9	1.7	3.7	389	242	89	75	W 4.5	NW 4	10	0	all day.
Mean	29.767	29.769	54.6	51.6	46.4	60.4	3.6	2.0	336	333	78.4	86.4	3.2	2.4	7.2	7.0	4.72

PLYMOUTH.—MAY 1898.

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	29.64	29.54	48.4	49.1	45.6	50.4	2.4	2.2	281	295	83	84	SE 4	WSW 3	10	10	220	Overcast and unsettled. from 11 a.
2	29.24	29.27	52.5	51.0	45.7	53.5	1.6	2.2	351	318	89	85	NE 1	SW 6	10	9	1.130	10.2 10.2 (half in. diameter).
3	29.26	29.21	53.5	50.3	48.9	55.0	2.6	0.4	339	355	82	97	SSE 7	SSW 5	6	10	280	Fine and sunny a. from 3 p.
4	29.54	29.76	53.0	49.9	46.9	58.1	4.9	1.6	279	318	70	89	W 5	SW 2	7	8	050	Fine, warm, and sunny.
5	29.67	29.62	50.5	52.0	48.1	53.0	0.6	0.1	352	385	95	94	SE 3	Calm 0	10	10	580	all day.
6	29.93	30.17	54.0	48.8	45.8	55.9	6.1	2.2	265	292	64	84	NNW 7	Calm 0	2	0	—	Fine and sunny.
7	30.24	30.25	55.0	51.7	42.3	56.1	4.1	1.1	323	355	75	92	S 1	NW 1	3	10	145	Sunny day.
8	30.08	30.04	53.3	54.0	46.3	64.7	0.0	1.1	408	385	100	92	Calm 0	NW 3	10	3	—	0 (mist) p.
9	30.00	29.97	56.0	52.9	50.9	59.7	4.1	1.3	338	364	75	91	NW 3	WNW 2	9	9	—	Overcast, damp, and very mild.
10	29.87	29.61	57.6	51.8	50.7	57.6	4.0	0.0	362	385	77	100	WNW 5	SW 4	10	10	120	Overcast, damp, and squally.
11	29.32	29.14	51.0	48.0	45.7	55.2	3.6	2.6	285	272	76	82	WNW 3	W 4	7	7	080	Squally, with frequent showers.
12	29.22	29.53	51.0	44.4	41.0	52.9	5.8	2.0	240	248	64	85	NW 5	NW 4	5	0	020	Fine and sunny, with showers.
13	29.63	29.60	48.0	48.1	42.4	54.6	2.0	1.1	285	308	86	92	SW 5	Calm 0	10	9	335	Frequent showers.
14	29.56	29.65	52.8	51.1	45.1	56.9	6.3	3.1	298	295	63	79	NNW 3	ESE 2	4	9	210	Fine, bright, and sunny.
15	29.72	29.89	56.3	49.8	45.8	61.2	6.0	2.5	298	295	66	83	NE 2	NW 2	4	5	—	Fine and warm, then cool.
16	30.05	30.15	49.0	45.0	43.0	54.3	7.0	3.7	200	220	57	74	N 5	NW 3	3	0	—	Beautifully fine and sunny, but cold.
17	30.10	29.96	53.5	50.0	39.8	56.9	3.6	1.0	314	334	76	93	SW 3	WNW 1	4	9	100	Fine and sunny a. p.
18	30.01	30.02	52.0	50.5	44.8	57.5	5.3	6.3	260	226	68	61	ESE 5	NE 4	3	0	—	Fine and dry, but very cold.
19	29.81	29.62	49.5	49.8	39.9	51.0	5.5	1.6	230	317	65	88	ENE 6	ENE 4	5	9	090	Fine. (gale) in afternoon.
20	29.64	29.60	51.5	50.8	48.5	53.1	1.6	1.3	339	339	89	91	NE 3	Calm 0	10	10	435	Overcast all day. p.
21	29.57	29.61	51.5	51.0	48.9	52.0	0.6	0.3	364	366	95	98	Calm 0	ESE 1	10	10	090	Overcast all day with 0.
22	29.57	29.57	55.7	53.0	48.7	59.7	2.0	1.1	388	371	87	92	E 2	Calm 0	10	8	030	all day.
23	29.54	29.59	63.0	55.2	51.1	70.2	5.7	1.4	395	395	69	94	E 4	Calm 0	4	0	—	all day.
24	29.63	29.67	53.6	56.9	49.8	58.7	0.7	1.0	392	433	95	94	WNW 3	ENE 2	10	8	030	Dull, with showers.
25	29.65	29.72	56.0	53.0	50.8	62.0	3.1	1.3	363	366	80	91	ENE 4	W 2	10	10	—	all day.
26	29.61	29.72	59.0	52.0	50.9	60.2	5.1	1.1	352	358	71	92	ESE 3	Calm 0	8	9	—	all day.
27	29.82	29.89	56.5	49.4	47.5	57.3	6.6	2.2	331	298	72	85	SW 1	Calm 0	10	2	—	all day.
28	29.95	30.02	57.0	54.0	44.7	61.1	4.1	3.6	302	320	65	76	NW 5	NNW 5	3	0	—	Beautifully fine and sunny a.
29	30.05	30.02	56.4	54.2	45.7	60.3	3.9	1.6	348	375	76	86	Calm 0	NW 3	7	10	—	Fine day.
30	29.91	29.88	55.1	55.4	51.7	60.9	3.2	1.8	346	388	79	89	Calm 0	NW 4	10	4	—	Dull and overcast.
31	29.65	29.61	55.8	48.7	45.1	55.9	1.9	2.8	392	277	87	81	WNW 5	NW 5	10	3	080	Sunny a., then showers.
Mean	29.725	29.735	53.8	51.0	46.5	57.3	3.7	1.8	322	331	77.3	87.7	3.3	2.3	7.2	6.5	4.025	

LONDONDERRY.—MAY 1898.

Height above Mean Sea Level, 67 feet. Heights above Ground:—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 7° 19' W. Lat. 55° 0' N. Gravity Correction, +0.27 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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°54	29°58	54°2	46°5	39°1	61°0	5°5	1°8	281	274	67	87	S 2	S 1	7	7	ins.	
2	50	12	56°7	47°5	45°5	60°0	1°7	1°8	409	285	89	87	NE 2	SE 4	3	10	250	
3	05	16	55°0	48°7	45°0	60°0	4°1	2°0	323	296	75	86	SE 3	W 1	10	10	260	
4	30	58	48°7	45°7	44°4	53°2	2°0	2°0	296	262	86	86	W 4	SW 2	10	8	050	
5	29°64	29°77	49°5	46°7	41°6	62°4	2°8	3°0	285	251	81	80	NE 1	N 1	10	3	—	
6	30°07	30°22	54°1	45°2	42°0	64°8	7°1	3°5	247	226	59	75	NW 3	Calm	0	5	020	
7	30°12	30°00	50°8	53°5	39°4	54°0	2°9	1°0	299	382	80	93	S 2	SW 2	10	10	400	
8	29°97	29°99	54°9	50°7	48°6	58°1	1°7	2°0	382	320	89	87	SW 2	WSW 1	10	10	010	
9	97	90	52°7	48°7	47°2	54°4	4°0	1°0	296	319	74	93	W 2	Calm	0	10	270	
10	29°65	29	53°1	47°7	45°5	53°6	0°6	2°0	388	283	96	86	SW 2	S 2	10	10	430	
11	28°99	15	47°7	45°7	40°0	53°0	5°6	3°0	210	241	64	79	W 3	NW 2	10	6	030	
12	98	52	45°7	40°7	38°6	50°0	4°4	1°9	215	215	70	85	W 3	W 3	10	6	080	
13	48	51	51°7	41°0	34°6	53°4	6°5	1°3	234	229	61	90	NW 2	NE 1	10	2	200	
14	66	29°75	49°7	47°7	34°0	58°0	3°3	4°0	277	241	78	73	N 2	WSW 1	10	10	—	
15	29°81	30°02	48°9	40°7	38°6	52°0	6°2	3°0	214	196	61	78	W 3	NE 2	10	1	180	
16	30°08	12	44°7	43°5	35°8	49°6	3°0	2°0	231	240	78	84	SW 1	W 1	10	10	530	
17	29°92	10	49°7	47°7	41°5	55°0	1°3	1°5	393	294	91	89	WNW 3	E 1	10	1	020	
18	30°23	22	56°7	50°7	38°0	67°0	6°0	3°0	302	295	66	80	SE 1	Calm	0	0	—	
19	14	07	56°4	49°7	40°6	65°4	5°9	3°0	294	283	64	80	NE 1	NE 1	1	4	—	
20	30°06	30°00	52°1	51°7	45°2	64°7	6°1	3°4	245	298	63	78	NW 2	E 1	6	0	—	
21	29°93	29°78	57°7	53°7	50°0	65°0	1°5	3°0	431	332	90	80	NE 2	NE 2	10	4	040	
22	70	68	52°7	54°7	48°0	63°2	1°3	2°0	362	372	91	87	E 2	Calm	0	10	040	
23	70	74	56°3	54°7	49°3	62°3	3°3	2°0	361	372	79	87	E 1	NE 1	10	10	—	
24	77	80	61°7	52°4	49°3	70°2	5°0	2°1	394	338	72	86	NE 2	E 1	10	0	—	
25	79	78	56°7	48°7	46°0	60°4	6°0	4°0	392	251	66	73	NNW 3	N 2	6	7	—	
26	80	87	50°7	46°7	44°0	54°0	6°0	4°0	233	230	63	73	N 1	NW 2	10	6	—	
27	29°91	29°92	50°1	50°7	43°0	52°0	4°3	2°0	260	320	72	87	NW 2	W 1	10	10	050	
28	30°07	30°04	54°0	51°7	45°0	55°5	5°3	3°0	282	308	68	80	NW 2	WSW 3	10	10	030	
29	29°98	29°88	54°2	48°7	47°0	56°0	5°5	2°0	281	296	67	86	SW 4	W 3	10	10	180	
30	79	71	49°7	49°7	46°0	52°0	0°8	1°0	336	331	94	93	W 1	NW 2	10	10	230	
31	29°56	29°62	46°2	46°7	41°2	51°0	3°0	2°0	246	272	79	86	NW 3	NW 4	10	10	270	
Mean	29°760	29°766	52°4	48°3	43°0	57°8	4°0	2°4	298	286	75°3	83°7	2°2	1°5	8°8	6°7	3°610	

MARKREE CASTLE.—MAY 1898.

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, +0.24 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.					
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.	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	29.45	29.48	50.8	43.9	36.8	55.8	5.6	0	in.	in.	242	254	65	88	S	1	SE	1	7	6	ins.
2	29.36	28.95	48.2	45.4	36.5	51.9	3.2	1.1	.261	.278	78	92	SE	3	SE	1	SE	1	7	6	Distant T ip.
3	28.91	29.10	53.2	47.0	44.4	57.0	3.2	1.0	.320	.298	79	93	SE	2	Calm	0	Calm	0	8	9	.760
4	29.34	.56	49.0	45.0	44.3	54.4	3.7	2.0	.261	.253	75	85	W	4	Calm	0	Calm	0	8	9	.730
5	29.37	29.70	51.0	45.7	36.5	60.7	2.8	2.7	.304	.247	81	81	SE	1	NE	0.5	Calm	0	9	8	.050
6	30.02	30.13	51.1	45.0	36.8	60.3	5.1	1.0	.254	.275	68	92	NNE	0.5	Calm	0	Calm	0	8	8	—
7	30.04	29.97	49.0	53.0	41.8	55.4	2.0	0.8	.298	.380	86	94	S	1	Calm	0	Calm	0	10	9	.400
8	29.93	.97	53.9	48.3	48.3	57.3	1.4	1.5	.376	.301	91	90	W	0.5	N	1	Calm	0	10	9	.020
9	.94	.84	51.1	53.0	47.0	56.7	1.0	0.9	.350	.377	93	94	NNW	1	SW	0.5	Calm	0	10	10	.060
10	29.62	.18	53.8	45.7	45.7	54.9	1.4	1.2	.375	.280	90	92	SSW	1	SW	3	Calm	0	10	10	.220
11	28.99	.09	47.0	43.5	38.7	52.0	3.1	2.4	.251	.231	78	81	NW	2	NNW	2	Calm	0	9	8	.090
12	29.37	.49	44.0	41.4	38.5	49.0	2.0	2.4	.244	.212	84	82	NNW	1	N	1	Calm	0	8	8	.080
13	.41	.45	50.0	41.7	36.9	51.3	5.0	1.7	.245	.228	68	87	SSW	1	Calm	0	Calm	0	8	9	.080
14	.59	.70	50.9	42.0	30.5	57.4	6.7	2.0	.223	.225	59	85	S	0.5	Calm	0	Calm	0	7	9	.090
15	29.79	29.99	47.0	40.0	33.4	51.8	4.0	2.7	.233	.194	73	78	W	2	N	1	Calm	0	10	8	.140
16	30.06	30.08	47.1	41.8	33.5	51.3	5.1	1.8	.213	.227	66	86	NNW	1	Calm	0	Calm	0	9	9	.360
17	29.91	.04	50.0	47.9	40.4	55.0	1.0	1.9	.334	.286	93	87	WNW	2	NNW	1	Calm	0	10	10	.040
18	30.14	30.13	52.8	48.9	40.5	59.9	5.8	2.9	.259	.277	65	80	SE	2	SE	0.5	Calm	0	9	8	—
19	30.04	29.97	56.2	48.8	33.6	60.5	5.9	3.8	.300	.257	66	74	E	1	Calm	0	Calm	0	7	8	—
20	29.95	.90	56.0	52.1	47.3	65.4	7.2	6.9	.270	.230	59	60	NE	1	NNW	2	Calm	0	8	9	—
21	.82	.70	59.3	55.8	47.5	67.3	7.3	6.5	.305	.282	60	63	NNE	2	N	2	Calm	0	8	8	.200
22	.58	.56	51.1	53.7	47.6	60.5	1.1	3.5	.345	.319	92	77	SE	1	SE	1	Calm	0	10	9	.020
23	.57	.62	57.9	57.2	47.9	62.7	4.7	5.2	.348	.325	72	69	ESE	2	Calm	0	Calm	0	8	9	.060
24	.65	.70	61.9	58.0	52.4	68.7	4.9	2.7	.400	.401	72	83	SE	1	NNW	2	Calm	0	8	7	—
25	.71	.73	57.5	46.0	45.7	61.5	4.3	3.0	.351	.244	74	79	NNW	0.5	Calm	0	Calm	0	7	8	—
26	.73	.82	50.0	44.8	43.6	55.6	5.1	3.8	.243	.216	68	73	N	2	N	0.5	Calm	0	9	9	—
27	29.87	29.89	50.9	50.0	44.4	52.8	4.7	1.6	.260	.319	70	89	NNW	1	NW	2	Calm	0	10	10	.050
28	30.02	30.02	50.0	51.0	46.9	55.2	4.8	3.0	.249	.299	69	80	NW	2	WNW	1	Calm	0	10	9	.060
29	29.98	29.86	53.6	50.1	49.5	55.5	1.6	0.3	.366	.355	89	98	NNW	1	SW	2	Calm	0	10	10	.250
30	.79	.71	52.0	50.0	48.5	53.9	1.0	0.1	.361	.358	93	99	NW	3	W	1	Calm	0	10	10	.280
31	29.57	29.62	45.5	47.0	44.4	51.7	2.5	2.1	.248	.273	82	85	NW	4	NW	2	Calm	0	10	10	.190
Mean	29.700	29.707	51.7	47.9	42.3	56.9	3.8	2.4	.293	.281	76.1	83.7	1.5	0.9	8.8	8.7	4.350				

DUBLIN (PHENIX PARK).—MAY 1898.

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	29.51	29.52	50.5	47.2	40.0	54.1	4.8	2.5	.254	.266	69	83	SW 1	1	Calm 0	6	9	.165	Cloudy with showers.
2	29.35	.04	46.6	46.8	43.4	49.6	1.7	0.9	.278	.299	88	93	ESE 2	1	Calm 0	10	10	.810	Dull day with showers.
3	28.97	.13	49.6	46.4	43.4	58.6	2.6	1.6	.291	.278	82	89	SE 2	1	Calm 0	10	8	.045	Dull a. Cloudy p.
4	29.32	.58	50.0	45.4	44.1	56.8	3.4	2.2	.278	.253	78	84	WNW 2	1	Calm 0	9	4	.030	Cloudy with showers.
5	.59	29.64	52.6	40.9	35.1	55.3	4.8	1.0	.278	.235	70	92	NW 1	1	Calm 0	6	2	.020	Cloudy with showers.
6	29.98	30.16	51.4	43.1	33.9	60.3	5.1	1.5	.257	.246	68	88	NNW 1	1	Calm 0	7	1	—	Beautiful day. p.
7	30.11	30.00	56.2	53.6	35.2	58.5	6.6	1.9	.285	.358	62	87	SSW 2	1	WSW 1	8	10	.575	Beautiful day. p.
8	29.93	29.96	55.1	51.1	50.9	63.8	0.9	2.6	.408	.310	93	82	Calm 0	1	Calm 0	10	2	—	Dull a. Cloudy p.
9	.94	.84	52.1	54.0	47.1	57.4	2.3	1.6	.329	.371	84	89	W 1	1	Calm 0	9	10	.070	Dull and cloudy. p. p.
10	.69	.26	55.4	49.1	48.8	57.6	1.5	1.5	.396	.311	90	89	WSW 2	1	WSW 1	9	10	.180	Dull day.
11	.02	.03	48.2	43.0	39.7	50.3	5.6	1.3	.216	.249	64	90	W 3	1	Calm 0	7	6	.080	Cloudy with showers.
12	.32	.49	45.5	39.5	37.8	50.7	4.9	1.9	.203	.205	67	85	NW 2	1	Calm 0	5	2	.060	Cloudy with showers.
13	.46	.39	47.6	40.1	36.0	51.2	3.6	0.2	.247	.244	75	98	Calm 0	1	Calm 0	6	2	.470	Cloudy with showers.
14	.57	.68	48.6	39.9	37.6	53.7	3.9	1.3	.252	.220	73	90	NNE 1	1	Calm 0	6	0	—	Beautiful day. p.
15	29.76	29.93	51.3	41.1	32.2	54.7	4.4	4.1	.271	.179	72	70	Calm 0	1	Calm 0	6	1	.010	Beautiful day.
16	30.05	30.09	47.0	44.8	31.8	51.8	4.9	3.9	.216	.216	68	72	WNW 1	1	Calm 0	6	8	.130	Beautiful day.
17	29.92	.00	47.3	47.6	39.7	56.0	0.7	1.8	.309	.286	95	88	WSW 1	1	NNE 1	10	9	.150	Beautiful day.
18	30.13	30.14	51.4	42.6	42.1	56.6	4.3	0.7	.274	.258	73	94	ESE 1	1	Calm 0	7	1	.005	Beautiful day.
19	30.02	29.89	48.6	49.3	36.2	53.1	4.7	4.0	.237	.258	69	73	ENE 2	1	NE 2	5	10	.055	Cloudy day.
20	29.86	.79	51.3	51.8	47.0	62.3	4.1	3.1	.278	.307	73	79	NNE 2	1	NNE 3	9	4	.055	Cloudy day.
21	.72	.64	51.6	48.6	48.2	60.1	0.9	0.8	.358	.323	94	95	NNE 4	1	NE 1	6	10	.310	Cloudy a. Dull with p.
22	.58	.57	54.5	50.2	47.8	58.7	2.2	1.3	.262	.330	85	91	Calm 0	1	Calm 0	9	7	—	Cloudy day.
23	.66	.69	52.5	50.2	47.9	60.7	2.9	0.6	.360	.348	82	96	Calm 0	1	Calm 0	9	4	.040	Cloudy day.
24	.66	.66	56.7	48.3	41.9	61.9	3.3	3.4	.365	.259	79	76	NE 1	1	Calm 0	4	2	—	Dull a. p.
25	.67	.76	50.7	43.7	38.9	54.7	2.2	0.7	.315	.269	86	94	Calm 0	1	Calm 0	10	2	—	Beautiful day.
26	.86	29.88	49.9	50.0	35.4	56.6	5.2	1.9	.241	.312	67	87	NNW 1	1	Calm 0	7	10	.005	Cloudy day.
27	.97	29.84	53.8	49.9	47.9	59.5	3.3	3.8	.320	.268	79	75	NNW 1	1	Calm 0	9	2	.005	Cloudy day.
28	.97	29.84	53.8	53.0	46.9	58.7	2.5	2.4	.345	.337	83	84	W 1	1	WNW 1	10	10	.070	Cloudy day.
29	.77	.69	53.6	51.6	48.3	55.8	2.1	0.8	.353	.361	86	95	WNW 1	1	WNW 2	10	10	.065	Cloudy day.
30	29.49	29.53	49.5	46.4	44.6	52.2	3.5	2.5	.270	.259	76	83	NW 2	1	WNW 1	8	9	.030	Cloudy day.
Mean	29.692	29.691	51.2	47.1	42.0	56.5	3.3	1.9	.294	.282	78.2	86.6	1.2	0.4	7.8	5.7	3.380		

PARSONSTOWN.—MAY 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
							Dep. of Wet.		Vapour Tension.		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	29.44	29.46	52.5	45.8	37.4	55.0	4.6	1.7	.280	.269	71	88	SE 1	SE 1	8	0	.083
2	29.26	28.97	50.6	46.7	41.0	51.5	3.4	0.9	.285	.298	77	94	E 1	Calm 0	10	10	.413
3	28.84	29.11	50.1	47.7	44.6	50.6	1.5	1.1	.323	.304	89	92	Calm 0	Calm 0	10	10	.136
4	29.38	.61	50.5	46.3	44.0	55.2	4.5	1.7	.260	.274	71	88	W 2	Calm 0	10	10	.043
5	.53	29.62	52.7	45.7	38.4	56.0	4.1	1.3	.294	.278	74	91	Calm 0	Calm 0	9	6	.014
6	29.98	30.11	52.5	50.0	35.3	61.0	6.0	3.6	.252	.273	64	76	NW 1	Calm 0	3	2	—
7	30.04	29.98	52.6	54.7	43.8	55.0	4.5	0.7	.283	.407	72	95	SE 1	Calm 0	10	10	.299
8	29.93	.97	54.6	52.4	52.0	62.4	1.2	2.3	.392	.333	92	85	W 1	Calm 0	10	10	.161
9	.92	.84	53.5	53.5	49.0	57.9	1.0	1.3	.382	.373	93	90	Calm 0	W 2	10	10	.020
10	.68	.23	54.7	49.3	47.5	56.3	1.9	1.1	.374	.343	88	92	SW 2	SW 2	10	10	.234
11	.06	.03	47.1	43.4	39.0	49.3	4.0	1.8	.234	.243	73	86	W 3	WNW 2	10	10	.316
12	.34	.49	48.7	41.9	36.9	51.6	4.2	2.1	.247	.224	72	85	WNW 2	Calm 0	6	7	.053
13	.43	.41	45.7	41.8	36.8	52.9	2.3	1.2	.256	.240	84	91	W 1	NW 1	10	4	.137
14	.54	.64	47.4	47.3	32.6	58.4	2.9	1.8	.260	.283	81	88	SE 1	SE 1	10	4	—
15	29.76	29.95	49.7	41.7	37.0	54.1	4.5	2.3	.252	.217	70	83	NW 1	W 1	8	1	—
16	30.07	30.08	47.0	42.8	31.2	53.1	5.0	1.8	.214	.236	67	86	N 1	Calm 0	7	10	.111
17	29.94	29.99	47.1	40.7	50.3	5.2	2.3	.326	.270	92	84	NW 1	Calm 0	10	10	—	
18	30.08	30.08	51.0	48.7	41.2	59.6	3.7	3.3	.283	.266	76	78	SE 1	SE 1	10	0	—
19	29.98	29.86	53.3	50.7	36.7	60.6	7.3	5.3	.236	.247	58	66	SE 1	SE 1	10	0	—
20	.84	.78	56.0	54.7	44.9	65.5	5.5	4.9	.306	.300	68	70	NW 1	NW 2	7	8	—
21	.72	.68	54.8	51.0	48.2	63.4	5.0	1.0	.300	.348	70	93	E 1	E 1	9	10	.314
22	.52	.51	53.7	49.6	46.9	61.8	1.9	0.4	.360	.346	88	97	E 1	SE 1	1	8	.134
23	.57	.54	57.4	56.7	45.3	60.1	3.9	3.9	.362	.351	76	76	SE 1	E 1	1	8	.014
24	.59	.65	58.6	56.7	51.2	68.0	3.2	1.0	.396	.430	80	94	SE 1	Calm 0	10	10	.019
25	.64	.66	60.4	58.9	46.6	65.3	4.6	2.9	.386	.287	73	81	N 1	N 1	0	9	—
26	.67	.81	50.7	46.2	40.5	58.2	4.0	2.5	.273	.257	74	83	N 1	Calm 0	10	3	—
27	.87	29.87	49.8	50.4	38.0	55.0	4.4	1.1	.255	.338	71	92	N 1	NW 1	10	10	—
28	.97	30.03	52.5	49.0	46.7	59.6	3.0	1.8	.317	.303	80	87	NW 1	NW 1	10	6	—
29	.98	29.89	54.7	52.7	46.5	57.0	5.5	0.6	.358	.381	83	96	W 1	NW 2	10	10	—
30	.80	.73	55.1	52.4	50.1	58.1	3.3	1.5	.343	.353	79	90	W 2	W 2	10	10	.147
31	29.56	29.61	46.8	46.7	45.6	53.4	2.2	2.3	.268	.266	84	84	NW 2	NW 3	10	10	.014
Mean	29.674	29.682	52.1	48.8	42.4	57.1	3.6	2.0	.302	.301	77.1	86.5	1.1	0.8	8.3	7.7	2.662

DUNROBIN CASTLE.—JUNE 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	in.	in.	%	%	E	N	—	ins.
2	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull with ● showers.
3	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	—
4	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull with ●.
5	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
6	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
7	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
8	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
9	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
10	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
11	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
12	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
13	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
14	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
15	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
16	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
17	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
18	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
19	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
20	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
21	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
22	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
23	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
24	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
25	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
26	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
27	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
28	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
29	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
30	29° 40'	29° 55'	42° 8'	47° 2'	40° 8'	49° 0'	0° 8'	0° 2'	236	273	86	85	E	N	W	—	—	Dull p.
Mean	29° 88.4	29° 91.3	53.9	51.2	47.7	58.5	3.1	2.5	336	313	80.7	83.2	—	—	—	—	—	1° 600

BRAEMAR.—JUNE 1898.

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	28°19	28°32	45°3	42°6	36°1	52°8	4°2	3°5	214	203	71	75	NW	0°5	N	0°5	4	7	100	✱
2	42	56	44°8	43°8	40°0	52°7	1°9	2°6	251	230	86	80	NW	2	NW	0°5	9	8	050	● a. Fair p.
3	51	40	44°4	43°0	35°0	50°1	2°7	1°5	234	245	82	88	SW	1	SW	0°5	8	8	200	T a.
4	43	55	49°4	49°7	41°5	57°1	3°2	3°2	276	279	78	79	SW	1	S	1	8	9	080	● showers.
5	61	68	50°5	49°8	46°9	55°0	3°0	3°8	293	267	80	75	S	0°5	E	0°5	9	9	—	—
6	58	56	56°6	54°4	48°2	63°9	4°6	1°1	332	392	72	93	SE	2	S	0°5	9	8	280	● 2
7	72	87	58°4	54°6	50°2	66°1	8°7	3°0	266	345	54	81	SW	1	E	0°5	2	5	—	Fine day.
8	28°27	28°99	57°5	53°6	38°8	62°9	6°3	3°0	305	330	64	80	S	1	SW	0°5	8	1	—	Fine day.
9	29°03	29°08	62°3	54°6	36°0	65°9	9°1	3°0	302	345	54	81	SW	0°5	E	0°5	6	8	—	Fine day.
10	08	08	61°4	55°2	39°8	67°2	7°0	2°7	340	360	62	83	E	0°5	SE	0°5	4	5	—	Fine day.
11	06	06	56°6	51°8	45°9	63°1	3°9	2°4	350	323	76	84	SE	0°5	E	0°5	2	2	—	Fine day.
12	02	08	60°2	48°7	42°2	62°9	4°8	1°5	277	306	72	89	E	0°5	E	1	8	9	—	Fine day.
13	11	15	50°9	48°1	42°9	61°9	3°5	2°0	286	286	77	86	E	0°5	E	0°5	7	1	—	Fine day.
14	10	08	53°5	55°0	34°9	69°1	4°6	3°5	292	337	71	78	SE	0°5	E	0°5	1	4	040	—
15	05	09	61°1	53°1	40°2	67°0	5°2	0°7	380	365	71	95	E	0°5	SE	0°5	6	8	—	—
16	29°04	29°02	52°3	53°5	47°1	62°3	1°8	1°6	344	364	88	89	SE	0°5	SE	0°5	8	9	—	—
17	28°92	28°83	62°1	55°7	49°8	69°0	9°3	5°0	296	313	53	70	W	0°5	W	1	5	9	—	—
18	57	73	58°5	53°8	52°2	67°1	2°9	5°2	403	282	82	68	W	2	W	0°5	8	8	—	Dry and dusty.
19	76	74	53°0	51°1	49°5	62°5	9°5	4°3	196	271	49	73	W	1	W	0°5	9	9	050	Dry and dusty.
20	59	59	51°6	53°0	45°5	60°4	1°1	8°7	353	208	93	52	W	0°5	W	1	9	8	—	Dull day.
21	55	40	55°0	46°7	46°0	61°2	5°5	2°0	291	272	68	86	SW	1	W	0°5	9	4	060	● 2 showers.
22	40	50	46°5	46°4	43°0	57°2	0°7	1°8	300	273	95	88	SW	1	NW	0°5	6	9	080	● 2 showers.
23	54	35	53°1	48°5	40°9	54°5	5°9	2°0	260	292	64	86	W	0°5	SW	1	5	9	050	Fine day.
24	18	14	57°6	52°6	47°4	61°4	6°0	1°9	313	345	66	87	SW	2	S	0°5	7	9	120	Fine day.
25	13	31	55°6	51°3	46°2	59°0	5°1	1°5	310	339	70	90	S	0°5	S	0°5	8	8	160	● showers p.
26	53	70	52°0	50°9	39°8	61°0	3°7	2°4	294	313	76	85	SE	1	NE	1	8	8	—	—
27	82	77	50°4	48°6	45°0	59°8	4°1	3°1	267	269	74	79	N	0°5	NE	0°5	8	1	—	Fine day.
28	72	72	57°4	60°6	32°4	73°0	6°9	4°9	291	380	61	73	NE	0°5	SW	0°5	2	8	—	Fine day.
29	69	70	63°6	57°9	45°1	65°8	5°3	2°6	416	403	71	84	SW	0°5	SW	1	8	8	—	Fine day.
30	28°81	28°86	52°8	52°8	50°8	60°7	3°3	4°3	314	291	78	73	S	0°5	SW	0°5	8	7	—	Fine day.
Mean	28°701	28°730	54°5	51°4	43°3	61°8	4°8	3°0	302	308	71°9	81°0	0°8	0°6	6°6	6°9	1°270			

LAUDALE.—JUNE 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
							Dep. of Wet.		Vapour Tension.		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	46.5	42.7	50.0	2.6	2.5	.262	.259	82	82	N	4	N	3	8	10	ins.	● ² showers.
2	29.43	29.52	47.0	46.5	42.7	50.0	2.6	2.5	.262	.259	82	82	N	4	N	3	7	6	.260	● ² showers p.
3	29.68	29.78	50.4	48.4	43.8	57.2	3.2	2.7	.287	.275	79	82	N	4	N	3	7	6	.260	● ² a. and p.
4	29.64	29.55	48.5	49.0	44.0	54.2	1.8	2.0	.297	.298	87	86	W	3	SW	1	10	10	.130	● ² Mild and damp.
5	29.61	29.66	50.5	54.4	46.0	58.8	3.5	3.2	.281	.335	77	79	S	1	S	3	8	10	.100	● ² (mist) a.
6	29.74	29.72	53.0	57.9	51.0	57.9	2.0	3.9	.347	.368	86	76	S	3	SSE	3	10	10	.220	● ² Squally / a. ● ² p.
7	29.61	29.68	59.0	53.5	52.6	59.8	3.3	1.5	.399	.367	80	89	ESE	3	S	2	10	10	.300	● ² Fine, bright, and clear.
8	29.57	29.95	58.0	56.0	46.0	64.8	2.1	4.1	.418	.338	86	75	S	2	SSE	3	4	6	—	● ² Warm and sultry.
9	30.02	30.14	59.0	57.9	53.5	64.4	5.0	3.9	.354	.368	71	76	SSE	3	S	1	7	4	—	● ² Fine and warm.
10	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² Fine and clear. T ² 4.30p.
11	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² Fine and clear.
12	29.21	29.21	63.0	57.5	50.2	72.0	6.0	2.1	.387	.411	67	86	Calmo	0	Calmo	0	0	2	—	● ² Cloudy and warm.
13	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² (mist) in afternoon.
14	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² Fine and warm.
15	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² (mist) a. Clear and warm
16	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² (mist) a. and p.
17	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² Dull a. Sultry p.
18	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² ● ² till noon. ● ² (mist).
19	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² (mist). ● ² at night.
20	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² (mist) ● ² showers.
21	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² ● ² showers in afternoon.
22	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² ● ² showers a. T ² p.
23	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² Fine till 2p., then ● ² .
24	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² Dark, with ● ² showers.
25	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² a. Distant T ● ² showers p.
26	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² Fine and warm p.
27	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² Cir. a. Fine day.
28	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² (mist) ● ² showers.
29	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² (mist) a.
30	29.23	29.23	62.4	55.0	47.2	65.0	2.7	2.6	.414	.359	74	83	SSE	2	Calmo	0	2	7	—	● ² (mist) a.
Mean	29.879	29.896	56.4	54.1	48.7	62.0	3.4	2.5	.363	.353	79.1	83.9	1.7	1.3	7.1	7.2	4.110			

GLASGOW.—JUNE 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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	29.22	29.32	50.7	45.0	43.4	52.5	5.8	0	237	260	64	87	NW	2	N	1	6	ins. 0.80
2	47	63	53.4	46.7	42.4	59.9	6.4	2.5	253	261	62	82	NW	1	W	1	8	0.48 0.0 showers in afternoon.
3	53	45	47.8	48.6	45.2	53.5	1.2	1.9	303	297	91	87	SW	2	S	2	10	0.48 0.0 shower 11 a.
4	47	54	50.6	52.2	47.4	59.0	3.6	2.5	280	326	76	83	W	2	S	1	9	0.60 Overcast with 0.0 showers.
5	62	59	54.2	54.2	50.9	58.0	4.2	2.4	308	353	73	84	S	2	E	1	10	1.00 Dull and overcast.
6	47	53	58.0	57.6	52.2	63.5	3.3	2.2	385	410	80	85	E	1	S	1	10	0.62 2.0 a. and p.
7	72	82	57.7	55.6	49.4	65.4	6.4	4.7	305	319	64	72	W	1	W	1	4	1.00 Dull and p.
8	29.88	29.99	56.1	55.3	47.0	67.2	4.3	4.3	334	323	73	73	Calm	0	W	1	10	1.00 Fine day.
9	30.05	30.07	61.9	56.8	47.3	67.9	8.1	4.6	320	335	57	72	Calm	0	E	1	10	1.00 Dull and cloudy.
10	06	08	59.4	51.9	48.0	66.9	5.4	1.5	350	346	69	90	E	1	E	1	7	1.00 Fine and sunny.
11	10	08	51.0	49.9	48.1	62.4	1.8	1.4	328	323	87	91	E	1	E	2	1	1.00 Dull and overcast.
12	08	10	49.7	50.9	45.9	62.0	1.9	2.2	309	312	88	86	E	1	E	1	10	1.00 Dull and overcast.
13	15	15	51.8	51.9	48.9	62.6	3.6	3.8	295	291	76	76	E	1	E	1	10	1.00 Dull and overcast.
14	17	09	52.9	55.7	48.1	66.0	3.9	2.6	300	371	75	84	NW	1	SW	1	10	1.00 Fine day.
15	08	07	57.9	57.0	46.9	70.1	3.9	5.7	368	311	76	67	W	1	E	1	10	1.00 Fine day.
16	30.06	30.00	58.1	57.0	51.8	69.6	5.6	4.0	329	351	68	75	E	1	NE	1	9	1.00 Fine day.
17	29.97	29.89	60.2	59.2	47.1	69.3	5.4	4.9	362	360	69	72	SW	1	W	1	6	1.00 Fine day. ⊕ noon.
18	68	81	57.0	55.9	54.7	64.9	0.9	4.0	437	340	94	75	SW	1	W	2	10	1.00 3.05 Dull day. 0.0 from 2 p.
19	84	78	55.9	52.0	52.0	62.8	5.6	1.0	303	361	67	93	W	2	SW	1	10	1.00 0.80 0.0 a. and p.
20	63	62	56.7	53.1	51.6	59.1	1.1	0.9	427	379	93	93	W	2	SW	1	10	1.00 0.90 Dull day. 0.0 showers p.
21	59	46	55.2	50.6	50.5	63.9	3.2	2.6	347	303	80	82	W	1	SW	3	10	1.00 0.50 0.0 showers.
22	46	52	50.7	50.5	49.1	58.7	2.5	2.3	307	309	83	84	W	1	W	1	6	1.00 4.20 0.0 from 4.30 p.
23	59	27	53.6	52.0	47.3	57.3	4.7	1.0	291	361	71	93	W	1	S	1	10	1.00 2.30 Dull with 2.0 showers.
24	20	12	57.1	51.1	51.1	60.2	3.8	1.0	358	350	77	93	SW	2	W	1	9	1.00 0.16 0.0 showers. 1.00 2 p.
25	14	25	55.1	55.1	47.0	62.1	4.1	3.6	324	336	74	77	S	1	E	1	7	1.00 1.20 0.0 showers.
26	49	69	57.6	55.1	48.9	63.0	5.4	2.6	327	361	69	83	E	2	E	1	3	1.00 Dull and overcast.
27	78	75	55.3	54.9	51.1	61.3	4.2	3.0	325	349	74	80	E	1	NE	1	10	1.00 0.10 0.0 showers.
28	76	74	53.0	59.1	44.6	68.8	3.0	3.8	322	387	80	77	SE	1	SW	1	10	1.00 0.03 Dull and overcast.
29	73	74	58.9	57.9	55.9	61.6	1.3	1.3	456	441	92	92	SW	1	W	2	10	1.00 1.00 Dull and overcast.
30	29.83	29.92	58.0	53.6	53.6	61.9	5.3	3.3	335	323	70	78	W	1	W	1	7	1.00 1.00 Fine a. Dull p.
Mean	29.727	29.735	55.2	53.5	48.9	62.7	4.0	2.8	331	339	75.7	82.2	1.2	1.2	7.8	8.8	1.919	

LADYLAKE.—JUNE 1898.

Height above Mean Sea Level, 447 feet. Heights above Ground:—Bar., 15 feet. Therms., 4 feet. Rain-gauge, 10 inches.
Long. 2° 47' W. Lat. 55° 28' N. Gravity Correction, +0.026 in.

1	28°90	28°98	51°0	43°4	35°6	51°2	1°3	0°8	*341	*264	91	94	W	2	NW	2	10	10	*286	Overcast, with cold ☉ ² showers.
2	29°12	29°31	47°2	45°3	37°2	57°2	0°8	2°5	*305	*247	95	82	NW	1	SW	1	10	5	*042	☉ ⁰ showers.
3	27	16	47°0	47°1	39°4	54°6	0°7	0°7	*306	*307	95	95	S	2	SW	2	10	10	*084	Overcast with ☉ ⁰ showers.
4	20	18	52°4	48°0	39°4	58°8	2°8	1°3	*321	*302	82	91	SW	2	SW	2	6	6	*048	☉ ⁰ showers.
5	34	31	52°1	56°0	45°0	59°3	2°0	1°6	*337	*402	86	89	SW	1	N	2	10	10	—	Overcast all day.
6	23	26	62°2	56°4	50°0	67°8	2°9	1°6	*462	*407	83	90	SW	3	SW	2	10	10	*252	Overcast, with ☉ ² showers.
7	42	53	60°3	51°0	49°0	67°1	2°1	3°4	*455	*290	87	78	SW	2	W	1	3	5	—	Sunny and warm.
8	57	67	60°0	54°0	41°0	68°8	4°9	3°6	*372	*320	72	76	W	1	W	1	3	0	—	Sunny and warm.
9	75	76	62°4	54°0	41°8	70°2	5°6	2°3	*390	*352	69	84	N	1	N	1	0	0	—	Overcast all day.
10	76	75	54°2	53°4	45°4	65°2	2°0	0°8	*364	*385	86	94	E	1	NE	1	10	10	—	Overcast all day. ☼ ⁰ (mist) n.
11	79	78	48°4	48°0	45°8	55°4	0°6	0°2	*326	*330	96	99	NE	2	Calm	0	10	10	—	Sunny intervals.
12	77	78	48°0	49°4	45°2	65°4	0°6	0°7	*319	*335	96	95	NE	1	N	1	10	10	—	Overcast all day, with cold wind.
13	83	84	48°1	47°1	45°0	53°0	0°7	3°3	*318	*248	95	77	NE	2	N	1	10	10	—	Fine from 11a.
14	87	80	54°8	50°3	44°0	63°3	1°9	2°9	*376	*292	88	80	NE	1	SW	1	7	0	—	Bright till 6p.
15	76	76	62°8	55°0	37°4	68°2	5°6	3°4	*395	*339	69	79	SW	1	N	1	0	10	—	Fine during day.
16	75	71	56°2	52°1	45°6	66°4	2°8	2°2	*372	*332	82	84	SE	1	SW	1	10	10	—	Bright and very hot.
17	69	62	57°0	59°4	43°8	70°6	1°2	1°1	*428	*471	92	94	SW	2	SE	1	0	0	—	☉ ⁰ showers midday.
18	44	45	57°3	58°0	51°4	65°8	2°3	1°3	*401	*442	85	91	SW	4	SW	2	6	4	*034	☉ ² from 6p.
19	53	49	58°4	55°2	50°0	65°2	2°8	0°8	*405	*413	83	95	SW	1	SW	2	6	10	*234	Overcast all day. ☉ ⁰ from 8p.
20	34	34	58°0	58°0	50°0	68°8	1°2	0°6	*445	*463	92	96	SW	1	SW	1	10	10	*104	☉ ⁰ showers.
21	31	18	59°0	52°4	50°4	64°8	1°7	1°0	*445	*366	92	93	S	2	SW	1	5	5	—	☉ ² from 8p.
22	15	22	57°4	52°4	48°0	64°8	2°5	1°0	*398	*366	84	93	SW	2	SW	1	8	8	—	☉ ⁰ showers all day. ▲ ² 1p.
23	29°28	29°05	58°2	52°0	50°0	60°8	1°5	0°6	*439	*372	90	96	SW	1	SW	1	7	10	*202	☉ ⁰ till 10a. Overcast all day.
24	28°95	28°83	59°2	54°2	50°0	62°6	1°5	1°5	*455	*378	91	90	SW	2	SW	1	8	8	—	Bright from 3p.
25	28°84	28°94	57°8	53°0	47°4	62°8	1°5	0°8	*433	*380	90	94	S	2	SW	1	8	10	*142	Bright and warm all day.
26	29°13	29°35	52°0	54°2	45°8	60°6	0°2	1°3	*383	*383	99	91	SW	1	NE	1	10	10	—	Overcast all day. ☉ from 7p.
27	43	45	50°2	49°2	45°8	60°2	1°0	1°3	*337	*318	93	91	NE	1	E	1	10	0	—	Overcast all day.
28	44	44	60°4	56°0	39°4	68°2	2°7	1°7	*439	*399	84	89	SW	1	SW	1	10	10	*058	Overcast all day.
29	44	44	57°4	57°2	45°0	63°0	1°7	0°3	*420	*459	89	98	SE	2	SW	1	10	10	—	Overcast all day.
30	29°49	29°57	60°0	53°1	45°2	65°4	1°3	1°5	*475	*362	92	89	SW	1	SW	1	10	10	—	Overcast all day.
Mean	29°426	29°433	55°6	52°5	45°0	63°2	2°0	1°5	*389	*357	87.5	89.6	1°6	1°2	7°2	7°0	1°598			

SCARBOROUGH.—JUNE 1898.

Height above Mean Sea Level, 219 feet. Heights above Ground:—Bar., -6 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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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	29.40	29.30	46.9	44.2	37.8	54.6	2.2	0.9	271	269	85	93	NNW 3	Calm 0	8	8	—	
3	66	60	50.9	51.5	41.6	55.2	3.8	3.0	279	304	76	80	W 3	SW 3	10	8	143	
4	57	60	54.4	52.9	48.3	62.0	3.3	3.6	334	307	79	77	W 4	SW 2	8	10	116	
5	66	65	50.4	51.4	48.6	57.0	3.3	1.8	284	333	79	88	SE 2	SE 1	6	6	—	
6	60	58	58.8	58.3	47.6	62.1	3.0	0.4	404	475	82	97	SE 2	S 3	6	7	210	
7	73	83	61.9	51.4	50.3	63.9	3.5	1.9	439	330	80	87	SW 2	Calm 0	2	4	—	
8	85	92	63.7	57.6	48.3	69.3	4.3	8.0	447	271	76	57	Calm 0	Calm 0	4	6	—	
9	99	29.97	60.6	51.8	50.1	60.7	6.0	2.8	353	313	67	81	NNE 4	NNE 3	6	5	—	
10	29.97	30.01	55.8	49.7	49.4	59.3	1.8	2.5	394	295	88	83	NNE 3	Calm 0	6	2	—	
11	30.02	30.06	50.0	49.5	48.2	55.0	1.0	1.2	334	323	93	92	NNE 3	NNE 3	6	8	—	
12	07	08	48.8	48.4	45.6	50.2	0.6	0.4	330	330	95	97	Calm 0	NNE 2	7	9	—	
13	09	12	48.2	47.9	46.7	51.5	0.9	2.9	315	265	94	80	N 2	N 4	10	10	—	
14	12	09	50.0	46.1	45.3	53.0	2.0	1.1	309	286	88	92	N 4	NNE 1	10	10	—	
15	07	06	49.0	48.9	43.4	54.1	2.0	1.4	297	311	88	91	NNE 1	Calm 0	0	9	—	
16	30.06	30.04	51.7	50.7	47.3	54.0	1.7	3.7	339	278	88	76	N 1	Calm 0	9	10	—	
17	29.99	29.91	58.2	60.7	47.3	72.6	4.2	4.7	384	386	76	73	Calm 0	Calm 0	3	6	—	
18	79	75	59.7	62.4	52.2	64.5	3.7	3.4	400	434	78	80	SW 4	W 3	10	9	—	
19	83	79	60.6	61.2	51.0	68.7	5.6	4.2	382	424	69	76	WNW 3	NNE 2	9	10	051	
20	65	65	64.7	63.5	52.8	71.8	3.7	3.5	480	498	79	85	SSW 1	SSW 1	10	9	014	
21	63	51	61.4	56.1	54.4	65.1	2.4	1.1	465	418	86	93	Calm 0	SW 1	10	10	361	
22	50	48	55.7	51.6	50.5	63.9	4.7	2.6	317	315	72	82	WSW 1	W 2	8	6	—	
23	58	54	57.4	54.3	45.6	60.0	4.3	5.0	349	293	74	70	N 3	SW 1	7	9	084	
24	30	22	60.9	54.8	50.5	66.9	4.5	1.4	396	388	74	90	SW 2	Calm 0	8	8	181	
25	19	21	55.7	51.7	47.9	61.2	4.2	1.3	329	349	75	91	SSW 2	Calm 0	8	10	202	
26	35	55	56.5	53.8	47.5	58.3	1.8	0.3	404	404	88	98	NW 1	N 3	5	10	069	
27	63	73	54.7	48.8	48.4	55.0	1.0	1.7	399	303	93	88	NNW 7	NNW 3	10	9	002	
28	76	76	54.9	50.7	43.7	55.9	3.6	2.0	333	318	78	86	N 2	E 2	4	4	—	
29	74	74	62.1	61.2	43.4	72.7	5.8	2.2	378	467	69	87	WSW 1	W 4	2	7	006	
30	29.77	29.88	60.8	54.6	54.4	61.4	1.0	0.3	498	418	94	98	Calm 0	Calm 0	10	10	045	
Mean	29.726	29.742	55.8	52.9	47.6	60.3	3.1	2.3	363	345	81.4	85.3	2.1	1.5	7.0	7.7	1.484	

STONYHURST.—JUNE 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
							Dep. of Wet.		Vapour Tension.	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.	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	ins.	
2	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
3	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
4	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
5	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
6	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
7	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
8	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
9	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
10	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
11	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
12	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
13	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
14	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
15	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
16	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
17	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
18	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
19	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
20	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
21	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
22	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
23	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
24	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
25	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
26	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
27	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
28	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
29	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
30	29.10	29.14	48.0	45.8	36.9	51.2	3.0	2.8	263	246	79	80	W 5	W by S4	10	210	
Mean	29.581	29.593	57.4	54.3	48.2	62.0	4.4	2.9	352	345	74.0	81.2	1.9	1.2	8.5	6.5	2.795

HILLINGTON.—JUNE 1898.

Height above Mean Sea Level, 88 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 33' E. Lat. 52° 48' N. Gravity Correction, +0.21 in.

1	29.38	29.47	49.0	46.0	36.6	56.4	4.2	2.2	250	260	72	85	W 3	NW 3	10	9	030	Fine and sunny. 2p.
2	29.36	29.44	50.1	45.7	40.1	57.5	3.5	2.3	276	301	77	98	NW 2	NW 0.5	8	10	050	4.30p.
3	29.36	29.44	55.3	52.0	35.9	62.6	4.6	2.1	315	333	73	85	S 3	SW 2	4	10	110	Fine and sunny. noon.
4	29.39	29.48	54.1	52.8	45.0	62.4	2.2	2.0	357	344	85	86	SE 3	SSW 0.5	10	10	160	Overcast, with showers.
5	29.37	29.46	61.2	54.9	44.0	68.2	5.5	2.3	373	366	70	86	SE 1	E 0.5	10	2	—	—
6	29.37	29.46	69.9	58.0	47.6	72.7	6.4	0.5	492	465	67	97	SE 2	S 0.5	4	6	400	1p. and 4p.-5p.
7	29.38	29.48	61.5	55.1	51.6	73.6	4.8	0.9	397	407	74	93	SW 2	SE 0.5	5	0	—	Very fine and sunny.
8	29.38	29.48	68.6	56.8	50.5	74.5	8.0	2.2	424	397	60	86	SE 1	NE 2	2	8	—	Very fine and sunny, then cloudy.
9	29.36	29.47	54.8	52.5	52.2	61.5	0.4	0.2	418	389	97	99	NE 4	NE 4	10	10	780	Overcast all day. 2 at night.
10	29.36	29.45	54.2	52.2	51.9	59.6	0.2	1.4	382	353	99	91	NE 1	NE 2	10	0	030	2 till 11a.
11	29.37	29.46	58.5	49.8	49.2	60.4	2.8	0.2	406	353	83	98	NE 4	NE 3	2	10	—	Fine and sunny, then cloudy.
12	29.37	29.46	49.2	48.8	47.9	54.2	0.6	1.9	334	297	96	86	NE 1	E 2	10	10	—	Overcast and gloomy all day.
13	29.38	29.48	50.1	48.8	47.0	53.3	2.4	2.1	302	293	83	85	NE 2	NE 1	10	10	010	Overcast all day.
14	29.36	29.45	49.6	48.1	47.1	55.4	2.4	2.6	296	273	83	82	NE 3	NE 2	10	10	—	Overcast all day.
15	29.35	29.44	50.8	48.6	46.5	57.6	3.2	2.3	292	286	79	84	NE 3	NE 1	10	10	—	—
16	29.34	29.43	54.0	49.2	47.6	60.2	2.0	1.2	335	339	86	92	NE 2	NE 0.5	10	10	—	2p.
17	29.37	29.47	54.9	57.9	48.1	71.9	3.1	1.3	345	439	81	92	S 2	SSW 1	10	10	—	p.
18	29.30	29.32	66.0	61.5	48.0	73.5	6.5	1.0	421	511	66	94	SW 3	NW 1	9	10	130	Much cir. Fine and sunny. 3p.
19	29.36	29.46	60.6	56.0	56.0	67.5	3.2	2.5	418	389	81	84	NW 3	NW 0.5	10	5	—	Fine and sunny. p.
20	29.39	29.48	61.0	63.1	52.7	72.6	2.5	1.5	456	524	85	91	SW 3	SW 0.5	10	0	—	Cloudy with warm breeze.
21	29.39	29.48	64.6	60.0	56.7	72.6	2.9	2.1	505	449	84	87	SW 2	SW 0.5	10	10	080	showers. Sunny intervals.
22	29.36	29.45	62.5	52.0	51.9	68.4	6.7	2.3	362	328	64	84	NW 1	NW 2	4	10	—	Fine and sunny. 0.7p.
23	29.35	29.44	55.1	54.0	44.9	63.4	4.4	3.9	317	315	74	75	WNW 5	SW 1	8	10	200	Fine and sunny.
24	29.35	29.44	59.5	55.1	51.6	67.5	2.8	1.4	421	393	83	90	SW 4	SSW 2	10	10	020	2a. showers 5p. and 6p.
25	29.36	29.45	60.9	53.9	49.8	64.9	6.1	1.0	355	386	66	93	SW 3	SSW 1	10	10	040	showers. Sunny day.
26	29.34	29.43	60.1	52.0	43.0	64.3	5.4	0.4	360	377	70	97	SSW 2	NE 1	7	4	150	Fine and sunny.
27	29.38	29.47	55.9	50.8	48.9	60.4	1.3	0.9	409	348	92	93	NE 3	NNE 2	10	10	060	Overcast, dreary, and chilly.
28	29.38	29.47	55.9	56.0	49.5	66.5	5.7	1.2	345	413	68	92	N 4	W 0.5	6	6	—	—
29	29.31	29.40	62.4	60.2	46.0	73.3	7.4	1.1	344	483	61	94	W 2	W 0.5	5	10	—	Very fine and sunny.
30	29.36	29.46	60.0	57.0	55.4	70.7	0.6	0.5	498	449	96	97	SW 1	W 0.5	10	10	010	Overcast with .
Mean	29.869	29.866	57.6	53.6	48.1	64.9	3.7	1.5	374	375	78.5	89.9	2.5	1.3	8.1	8.0	2.260	

CHURCHSTOKE.—JUNE 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	%	%	W	3	W	1	9	ins.
2	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	W	3	W	1	10	120
3	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	NW	1	NNW	1	9	2030
4	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	W	3	SW	3	9	050
5	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	W	1	SW	2	10	060
6	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	ESE	1	SE	2	10	060
7	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	SE	2	W	1	10	030
8	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	W	2	W	1	6	5
9	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	SSE	1	SW	1	6	0
10	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	N	2	NE	1	10	0
11	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	N	1	N	1	0	0
12	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	ENE	1	SE	1	2	0
13	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	ESE	2	SE	1	10	8
14	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	NE	2	E	1	10	10
15	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	E	2	W	1	10	0
16	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	N	1	W	1	6	0
17	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	NNE	1	SE	1	8	2
18	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	NW	1	W	1	6	2
19	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	W	2	W	1	10	10
20	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	N	1	W	2	10	6
21	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	WSW	3	W	4	9	10
22	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	W	2	W	1	10	10
23	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	W	2	W	1	6	5
24	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	WSW	1	SSW	4	8	100
25	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	SW	3	SW	2	8	2
26	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	SW	1	W	1	10	9
27	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	NW	1	NNW	1	10	220
28	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	N	2	N	1	9	10
29	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	W	1	W	1	8	0
30	29.01	29.03	47.9	42.8	41.0	54.0	3.6	1.1	250	251	76	92	NW	1	WSW	1	6	10
Mean	29.393	29.410	57.5	52.0	45.9	64.9	4.0	1.8	365	342	76.9	87.7	1.6	1.4	8.1	5.8	1.163	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

WOOLACOMBE.—JUNE 1898.

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.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	49.8	50.8	48.0	54.0	0.3	0	257	267	72	72	NW	6	W	6	7	8	ins.
2	29.69	29.67	49.8	50.8	48.0	54.0	0.3	0	257	267	72	72	NW	6	W	6	7	8	1.00
3	29.71	29.69	50.4	51.8	48.6	56.0	3.2	2.8	286	323	79	81	W	4	NW	2	8	3	0.40
4	29.75	29.78	52.2	52.0	46.6	55.0	2.4	1.6	328	345	84	89	SW	3	SW	3	10	10	1.20
5	29.84	29.80	51.4	50.4	50.0	56.4	1.6	1.4	338	329	89	90	S	1	SE	3	10	10	0.30
6	29.68	29.66	57.0	56.8	50.0	64.0	4.2	4.0	348	349	74	75	SE	4	SE	5	8	10	1.20
7	29.62	29.86	59.6	53.4	53.4	60.0	1.9	1.4	449	369	88	90	SE	3	W	3	10	6	—
8	29.95	29.96	55.8	52.0	46.2	62.0	3.6	2.6	346	321	76	82	SE	3	SE	3	1	3	—
9	30.02	30.10	58.8	55.0	50.6	60.0	4.2	2.0	371	375	75	87	NW	2	NW	2	3	1	Sea 11a.
10	30.12	30.10	56.6	58.6	51.2	62.0	2.8	3.2	377	396	82	80	NW	2	N	1	7	6	—
11	30.08	30.06	57.0	57.0	50.4	66.0	2.2	1.4	401	422	86	91	N	1	N	1	0	2	—
12	30.08	30.11	67.6	63.8	56.2	73.2	9.3	5.9	374	400	55	68	SE	2	SE	3	2	3	—
13	30.13	30.15	66.0	60.2	56.4	70.2	7.1	1.9	404	459	64	89	SE	4	S	1	2	10	—
14	30.18	30.19	54.8	53.4	51.2	64.4	4.6	2.6	308	338	72	83	E	4	E	2	2	10	—
15	30.21	30.23	52.2	49.2	48.0	59.6	4.8	2.9	272	277	70	80	NE	4	E	2	8	0	—
16	30.22	30.26	56.8	58.0	46.4	63.6	4.6	3.0	335	393	72	81	NW	1	NE	3	1	0	—
17	30.26	30.27	60.4	53.8	51.2	66.0	4.2	1.6	396	369	75	88	W	1	SE	1	0	0	—
18	30.21	30.21	57.0	55.8	51.4	61.6	1.8	1.0	412	416	88	93	W	1	SW	1	0	1	—
19	30.18	30.14	58.4	57.6	54.8	62.4	2.4	0.3	415	465	85	98	SW	2	SW	4	9	10	—
20	30.13	30.10	57.8	57.4	56.0	62.2	0.7	0.3	456	462	95	98	W	3	W	1	10	10	—
21	30.05	29.99	58.4	58.6	56.2	61.0	0.7	0.7	467	470	96	95	W	2	W	2	10	10	—
22	29.87	29.78	58.6	56.2	55.0	62.2	0.5	1.2	475	418	97	92	SW	3	W	2	10	9	—
23	29.79	29.86	57.6	56.0	53.6	61.0	4.4	2.2	351	385	74	86	NW	3	NW	3	4	3	—
24	29.95	29.74	56.2	55.0	52.6	60.0	4.2	1.0	335	403	74	93	NW	4	SW	5	3	10	—
25	29.98	29.98	54.6	53.8	53.4	63.4	2.3	3.2	439	339	86	79	SW	4	W	5	8	7	—
26	29.97	29.97	54.6	55.0	50.8	59.0	2.0	3.0	370	349	87	81	W	5	NW	5	7	6	—
27	29.82	29.82	55.8	56.2	52.0	60.8	3.0	6.8	361	278	81	61	NW	3	NW	2	4	7	—
28	29.97	29.98	58.4	55.0	50.8	62.8	3.0	1.2	399	397	81	92	NW	3	NE	2	6	4	—
29	30.00	30.01	60.6	58.0	50.0	63.8	4.8	0.9	382	467	73	94	NW	2	NW	1	4	0	—
30	30.06	30.15	58.4	60.2	57.0	63.8	1.6	3.4	439	416	90	80	SW	3	SW	3	5	10	—
Mean	29.937	29.949	57.2	55.6	51.6	61.9	3.3	2.4	376	379	80.1	85.0	2.8	2.6	5.6	5.8	1.330	—	—

SOUTHAMPTON.—JUNE 1898.

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.

1	29.58	29.65	54.2	48.8	43.2	59.2	5.0	1.8	290	300	69	87	NW	4.5	WSW	4	9	4	0.037	Fine day with
2	29.63	29.86	55.0	49.2	45.4	61.9	4.3	2.4	318	292	74	84	W	2.5	NW	2	9	3	0.019	Bright intervals. ● showers.
3	29.77	29.92	59.2	52.5	41.8	63.1	5.5	2.6	345	327	69	82	SW	4	SW	4	7	10	—	Beautiful day, with strong breeze.
4	29.88	29.84	57.5	53.4	51.1	61.3	4.6	2.5	344	340	73	83	SW	4	S	2.5	9	10	—	Beautiful day, with fresh breeze.
5	29.74	29.77	60.9	56.8	50.2	67.9	5.7	3.4	364	364	68	78	SE	4	SE	3	10	1	0.070	Beautiful day, with pleasant breeze.
6	29.72	29.83	59.5	55.1	53.2	64.4	0.9	0.8	420	411	95	94	SE	3	SW	3.5	10	9	0.010	7 a.m.—
7	29.96	29.97	59.8	55.1	52.4	67.5	3.9	3.5	395	338	77	78	W	2.5	SW	1	5	1	0.040	Beautifully fine and pleasant.
8	29.99	30.05	57.0	58.0	49.9	60.3	1.0	0.6	434	463	93	96	NNW	0.5	N	1	10	10	0.317	● most of day.
9	30.05	30.02	66.7	62.5	55.6	74.3	6.1	2.8	445	471	68	83	N	4	NW	3.5	4	1	—	Delightfully fine and warm.
10	29.99	30.03	64.5	61.8	53.7	70.2	5.4	2.3	427	476	71	86	N	4	NE	1	10	1	—	
11	30.04	30.09	69.0	63.1	51.4	78.6	8.2	3.2	424	470	59	81	NE	4	NE	3	0	0	—	Very warm all day, but with pleasant breeze.
12	29.18	29.15	55.6	56.6	51.0	67.3	2.7	2.5	367	386	82	84	NE	2	NE	2	10	10	—	Dull and overcast, with cold wind.
13	29.16	29.17	51.9	52.9	51.1	59.6	2.0	3.4	334	313	87	78	NE	3	NE	3	10	10	—	Dull, cold and dry.
14	29.18	29.18	51.6	52.2	48.8	59.1	3.5	3.7	294	297	77	76	NE	3.5	NE	4	10	10	—	Beautiful day throughout.
15	29.19	29.14	57.7	53.6	43.8	65.7	6.0	2.7	314	338	66	81	NE	3	NNE	2	3	2	—	Beautiful day throughout.
16	29.17	29.16	52.9	54.4	44.3	69.5	3.5	2.3	310	359	77	85	NE	3	SW	1	9	0	—	Beautiful day throughout.
17	29.20	29.18	59.1	57.1	47.0	68.6	3.2	1.2	403	430	80	91	S	3	SW	2	10	0	—	Very warm all day.
18	29.15	29.08	67.8	64.7	50.0	76.1	6.8	2.4	443	525	65	86	W	3.5	SW	1	3	10	—	Fine and warm, with pleasant breeze.
19	29.08	29.07	68.6	61.7	59.9	77.6	5.0	3.5	512	437	73	79	W	4	WNW	5	8	2	—	Dull and very close.
20	30.01	29.97	64.2	63.6	54.0	71.1	2.4	1.7	515	529	86	90	W	4	SW	1	1	10	—	Bright intervals.
21	29.89	29.78	65.7	59.3	58.6	72.5	2.9	1.4	527	460	83	91	SW	3	SW	3	10	10	—	Beautiful day throughout.
22	29.74	29.81	67.4	55.7	55.4	71.3	6.5	3.2	446	356	66	80	NW	3	NW	3	8	0	—	Beautiful day, with pleasant breeze.
23	29.90	29.87	64.5	56.1	47.6	69.5	7.8	2.5	364	380	60	84	NW	4	SW	4.5	6	10	17.76	Beautiful day, with pleasant breeze.
24	29.65	29.53	56.6	56.1	54.1	59.6	0.4	1.2	446	415	97	91	SW	5.5	SW	4.5	10	10	16.60	● showers.
25	29.42	29.43	59.0	53.0	52.0	62.6	4.4	1.1	380	371	74	92	WSW	5	SW	1.5	9	1	0.030	● showers.
26	29.45	29.61	59.0	53.0	49.8	61.7	2.9	1.4	410	372	83	90	NNW	1.5	N	1	10	10	0.050	Frequent ● showers. T 4 p. and 7 p.
27	29.73	29.87	55.8	54.6	49.6	66.6	1.9	0.9	392	401	87	94	N	3	NNW	2	10	9	0.032	● showers p. T 2 p.
28	29.96	29.97	62.4	57.9	49.7	68.5	5.5	1.8	392	425	70	89	NNE	3.5	WSW	1.5	6	0	—	Beautiful day.
29	30.00	30.00	67.3	59.8	48.0	71.5	6.5	2.4	444	438	66	85	WSW	2.5	SW	2.5	5	10	0.020	Beautiful day.
30	30.03	30.08	62.7	60.6	57.2	69.5	1.7	2.8	510	439	90	84	SW	2	WNW	3.5	10	1	0.006	Fine and bright from 3 p.
Mean	29.921	29.935	60.5	56.7	50.7	67.2	4.2	2.3	402	397	76.2	85.4	3.3	2.5	7.7	5.5	0.067			

PLYMOUTH.—JUNE 1898.

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.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.				
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	°	°	°	°	°	°	in.	in.	%	%	NW	5	Calm	0	7	6	ins.	Beautifully fine and sunny a. ● p.
2	29.65	29.69	51.7	48.5	44.8	54.5	3.3	1.0	301	316	78	93	NNW	6	Calm	0	7	2	°055	● showers.
3	29.91	29.87	56.0	57.5	41.0	57.9	3.6	6.8	350	294	77	62	SW	5	Calm	0	5	10	—	Fine a.
4	29.81	29.78	56.4	53.0	49.4	57.9	2.2	0.8	393	380	86	94	SE	3	S	2	8	10	—	Sunny intervals.
5	29.65	29.68	58.2	59.0	49.9	61.1	1.7	0.5	433	484	89	97	Calm	0	SE	5	6	10	°540	Beautifully fine and sunny all day.
6	29.57	29.79	56.3	54.3	53.1	59.6	0.4	0.4	442	411	97	97	SSW	3	SE	6	10	7	°010	Dull and unsettled. [● n.
7	29.93	29.93	56.5	54.9	46.9	58.7	3.6	3.3	356	342	77	79	SSE	3	S	4	7	3	—	Beautifully fine and sunny all day.
8	29.93	30.02	60.0	56.4	48.1	67.2	6.1	2.5	342	382	66	84	NNE	3	Calm	0	8	7	—	Beautifully fine and sunny all day.
9	30.03	30.04	63.7	58.0	52.0	68.4	4.9	2.5	429	407	72	84	N	5	Calm	0	7	10	—	Beautifully fine and sunny all day.
10	30.00	29.99	65.5	62.4	52.4	75.4	4.7	3.6	465	445	74	79	N	5	Calm	0	0	1	—	Beautifully fine and sunny all day.
11	30.07	30.07	71.9	65.7	56.1	74.6	11.1	3.9	396	460	50	77	E	3	W	2	2	4	—	Beautifully fine and sunny all day.
12	30.08	30.08	63.2	55.2	53.9	65.6	5.0	0.4	418	425	72	98	Calm	0	S	2	2	10	1-220	Dull all day. [● at night.
13	30.08	30.10	54.0	57.2	51.6	60.1	2.6	3.6	344	365	82	78	E	3	ENE	3	10	7	—	Dull and unsettled.
14	30.12	30.13	52.0	54.3	47.1	58.9	4.1	6.4	285	263	74	63	ENE	5	NNE	3	8	4	—	
15	30.13	30.11	59.0	58.7	43.1	61.1	7.1	2.6	306	414	61	84	NE	5	Calm	0	2	9	—	Beautifully fine and sunny all day.
16	30.10	30.13	59.5	54.0	51.1	59.5	2.6	1.5	427	374	84	90	S	1	Calm	0	1	4	—	Beautifully fine and sunny.
17	30.15	30.15	58.0	58.2	49.7	64.2	1.6	2.5	433	410	89	84	SSW	1	Calm	0	10	1	—	Dull a. Bright and sunny p.
18	30.14	30.08	61.0	61.5	50.9	67.2	4.6	0.4	394	530	74	97	NNW	3	NW	4	8	10	—	Beautifully fine and sunny all day.
19	30.09	30.09	62.8	58.7	56.3	67.5	3.4	0.9	458	465	80	95	Calm	0	NNW	2	8	10	—	Beautifully fine and sunny all day.
20	30.01	29.98	62.5	59.2	58.3	64.3	2.2	0.4	490	490	87	98	W	2	WSW	1	10	10	—	Beautifully fine and sunny all day.
21	29.85	29.76	61.0	59.0	56.7	65.6	1.6	1.6	483	448	90	90	SW	3	NW	3	9	9	—	Beautifully fine and sunny.
22	29.74	29.83	60.5	55.0	52.6	64.9	7.1	2.1	325	372	62	86	NW	4	NW	2	7	2	—	Beautifully fine and sunny all day.
23	29.89	29.82	59.5	51.0	49.1	62.0	7.1	0.7	312	356	61	95	NNW	4	SW	4	7	10	°470	Fine and sunny a.
24	29.57	29.50	58.0	54.8	51.0	63.0	0.2	1.6	476	384	99	89	NNW	5	WSW	4	10	8	°020	● showers, then sunny.
25	29.36	29.43	55.7	53.4	51.0	63.0	1.8	2.7	393	335	88	82	WSW	3	W	4	8	8	°130	● showers, then sunny.
26	29.62	29.61	58.0	55.1	50.9	62.4	4.3	1.4	360	394	75	90	Calm	0	NNW	3	6	2	°015	Fine and sunny.
27	29.73	29.88	60.0	58.2	52.6	64.2	5.1	4.3	367	363	71	75	N	5	N	4	4	4	—	Beautifully fine and sunny all day.
28	29.91	29.95	60.5	57.6	50.4	61.9	3.7	3.4	411	377	79	79	S	3	Calm	0	8	1	—	
29	29.95	29.98	61.3	57.1	44.4	61.8	4.0	0.0	391	466	72	100	SSW	4	Calm	0	6	10	°030	Fine and sunny a.
30	30.00	30.10	64.7	58.0	55.9	65.9	3.9	3.5	476	380	78	79	NW	1	Calm	0	10	9	—	Dull a. Fine and sunny p.
Mean	29.881	29.915	59.3	56.5	50.5	63.2	4.0	2.2	391	396	77.2	86.3	3.1	1.9	6.7	6.5	2.500			

ARMAGH.—JUNE 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
							Dep. of Wet.		Vapour Tension.	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.	46.6	42.4	40.2	51.0	2.0	1.6	in.	in.	%	%	NW 2	NW 1	10	5	ins.
2	29.42	29.41	46.6	42.4	40.2	51.0	2.0	1.6	27.1	237	86	88	NW 2	NW 1	10	5	1.47
3	29.46	29.45	46.6	42.4	40.2	51.0	2.0	1.6	28.7	245	71	74	NNW 1	WNW 1	10	9	—
4	29.49	29.48	46.6	42.4	40.2	51.0	2.0	1.6	30.6	296	81	82	SW 4	SW 2	10	10	1.44
5	29.51	29.50	46.6	42.4	40.2	51.0	2.0	1.6	32.1	351	80	94	SW 2	S 2	10	10	2.22
6	29.53	29.52	46.6	42.4	40.2	51.0	2.0	1.6	30.6	354	68	83	SSE 4	SE 3	8	10	4.56
7	29.56	29.55	46.6	42.4	40.2	51.0	2.0	1.6	41.9	318	93	81	SSE 3	Calm 0	10	9	0.15
8	29.58	29.57	46.6	42.4	40.2	51.0	2.0	1.6	32.2	359	68	87	S 3	SSE 2	2	10	0.55
9	29.59	29.58	46.6	42.4	40.2	51.0	2.0	1.6	35.4	399	75	84	S 3	S 1	10	9	0.33
10	29.61	29.60	46.6	42.4	40.2	51.0	2.0	1.6	42.1	327	70	91	N 1	NNE 1	2	0	—
11	29.63	29.62	46.6	42.4	40.2	51.0	2.0	1.6	38.8	420	72	78	NE 1	ENE 1	8	7	—
12	29.65	29.64	46.6	42.4	40.2	51.0	2.0	1.6	43.1	381	77	78	ENE 1	SE 0.5	8	10	0.16
13	29.67	29.66	46.6	42.4	40.2	51.0	2.0	1.6	39.9	426	96	96	NE 0.5	NE 0.5	10	10	1.22
14	29.69	29.68	46.6	42.4	40.2	51.0	2.0	1.6	42.2	371	95	92	NNE 1	NNE 0.5	10	0	0.08
15	29.71	29.70	46.6	42.4	40.2	51.0	2.0	1.6	35.1	357	82	87	NNE 0.5	NNE 0.5	10	7	—
16	29.73	29.72	46.6	42.4	40.2	51.0	2.0	1.6	38.1	377	77	90	NNE 0.5	NNE 0.5	8	8	—
17	29.75	29.74	46.6	42.4	40.2	51.0	2.0	1.6	37.4	358	80	92	NE 1	NNE 1	10	0	—
18	29.77	29.76	46.6	42.4	40.2	51.0	2.0	1.6	48.1	442	92	90	SSW 2	SW 2	3	9	0.48
19	29.79	29.78	46.6	42.4	40.2	51.0	2.0	1.6	45.6	422	92	92	SW 3	W 1	10	10	—
20	29.81	29.80	46.6	42.4	40.2	51.0	2.0	1.6	45.7	443	83	98	WNW 1	SW 3	10	10	0.14
21	29.83	29.82	46.6	42.4	40.2	51.0	2.0	1.6	36.7	301	71	75	SW 2	N 0.5	10	10	3.55
22	29.85	29.84	46.6	42.4	40.2	51.0	2.0	1.6	36.7	301	71	75	SW 2	SW 2	9	7	0.32
23	29.87	29.86	46.6	42.4	40.2	51.0	2.0	1.6	35.7	289	72	84	WSW 1	W 1	9	2	2.05
24	29.89	29.88	46.6	42.4	40.2	51.0	2.0	1.6	29.5	438	69	95	SSW 3	SW 2	10	10	3.53
25	29.91	29.90	46.6	42.4	40.2	51.0	2.0	1.6	37.3	327	74	98	SW 3	SSW 1	8	9	3.32
26	29.93	29.92	46.6	42.4	40.2	51.0	2.0	1.6	32.2	370	68	91	SSW 0.5	S 0.5	9	10	1.88
27	29.95	29.94	46.6	42.4	40.2	51.0	2.0	1.6	38.5	365	74	85	N 2	NNW 1	8	8	—
28	29.97	29.96	46.6	42.4	40.2	51.0	2.0	1.6	35.5	326	79	90	NNW 1	SW 2	10	1	—
29	29.99	29.98	46.6	42.4	40.2	51.0	2.0	1.6	40.6	449	81	88	N 1	S 1	9	10	0.16
30	29.99	29.96	46.6	42.4	40.2	51.0	2.0	1.6	45.0	484	87	96	SW 1	NW by W 0.5	10	10	0.50
Mean	29.729	29.737	57.7	53.9	47.0	63.1	3.8	1.9	37.0	367	77.5	87.3	NW 0.5	W by N 0.5	10	10	—

MARKREE CASTLE.—JUNE 1898.

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	29° 58	29° 53	48° 0	44° 2	42° 3	51° 6	2° 0	1° 2	*285	*263	86	91	NNW 3	N 2	9	8	*250
2	70	80	52° 0	46° 5	43° 1	55° 0	5° 0	3° 5	*266	*238	69	76	N 2	SW 1	8	8	*020
3	62	54	53° 1	49° 0	44° 4	59° 0	3° 1	1° 8	*321	*303	79	87	SW 1	SSW 1	10	10	*050
4	52	51	53° 3	52° 0	46° 3	58° 9	3° 1	2° 0	*318	*335	78	86	S 2	S 2	10	10	*050
5	49	38	55° 0	54° 0	48° 0	56° 5	3° 6	0° 9	*335	*391	77	94	S 2	S 2	10	10	*400
6	37	62	52° 0	50° 2	49° 9	57° 5	0° 5	1° 1	*375	*335	97	93	W 0° 5	Calm 0	10	8	*050
7	69	29° 74	56° 8	52° 2	42° 3	61° 7	5° 0	1° 2	*325	*358	70	92	S 2	SSW 0° 5	9	10	*260
8	29° 81	30° 02	59° 0	52° 0	48° 9	65° 3	4° 0	2° 0	*380	*335	76	86	S 1	Calm 0	8	7	*010
9	30° 11	11	62° 0	54° 6	38° 8	65° 3	8° 0	2° 4	*323	*359	58	84	Calm 0	Calm 0	8	8	—
10	06	02	65° 6	57° 4	48° 6	71° 0	6° 6	1° 6	*411	*423	66	90	N 0° 5	Calm 0	7	8	—
11	01	06	64° 4	54° 0	46° 7	66° 2	4° 4	1° 0	*455	*388	75	93	S 1	NNW 1	9	10	*360
12	08	13	59° 0	53° 5	50° 6	61° 5	2° 2	0° 7	*430	*390	87	95	N 1	NNE 0° 5	9	8	*030
13	18	20	60° 4	51° 7	47° 5	61° 6	3° 4	1° 0	*418	*357	80	93	Calm 0	NW 1	9	8	—
14	20	17	57° 7	52° 0	50° 6	65° 5	2° 9	1° 0	*397	*361	83	93	NE 0° 5	N 1	10	8	—
15	19	17	58° 0	54° 3	49° 5	62° 4	3° 0	1° 1	*393	*390	81	92	NW 1	N 1	9	7	—
16	13	30° 08	61° 0	53° 1	44° 4	65° 3	4° 7	1° 4	*391	*365	74	90	NNE 0° 5	Calm 0	9	7	—
17	30° 02	29° 98	65° 0	57° 0	43° 7	71° 5	5° 0	3° 0	*447	*377	73	81	SE 0° 5	S 0° 5	8	8	*080
18	29° 87	97	59° 8	54° 9	53° 5	63° 8	0° 8	0° 6	*488	*414	95	96	SSW 0° 5	NNE 1	10	10	*050
19	30° 01	82	60° 3	60° 5	50° 5	67° 0	4° 3	1° 5	*391	*477	75	91	S 1	SSW 2	9	10	*010
20	29° 77	75	61° 0	55° 0	54° 3	61° 5	3° 0	0° 3	*439	*424	82	98	S 2	Calm 0	10	10	*400
21	60	58° 0	52° 0	51° 5	64° 3	4° 1	3° 0	*365	*310	76	80	SW 1	SSW 0° 5	9	8	*210	
22	64	76	53° 0	50° 0	48° 3	58° 4	2° 0	2° 0	*347	*309	86	86	N 2	NNE 2	8	10	*120
23	65	35	53° 9	55° 0	43° 6	57° 6	2° 7	1° 0	*340	*403	82	93	SW 2	Calm 0	10	10	*630
24	24	19	54° 9	47° 3	47° 0	59° 5	1° 8	0° 9	*379	*304	89	94	S 1	Calm 0	10	9	—
25	23	37	54° 2	51° 1	46° 5	57° 3	2° 9	0° 1	*340	*373	81	99	NW 2	S 0° 5	8	10	*390
26	56	81	58° 9	53° 9	50° 9	62° 5	3° 9	2° 0	*381	*347	76	86	N 2	N 0° 5	8	8	*010
27	89	86	54° 2	48° 0	47° 5	57° 6	5° 7	1° 2	*277	*304	66	92	NW 3	Calm 0	9	6	—
28	80	77	57° 1	59° 0	44° 9	63° 4	0° 9	10° 8	*439	*234	93	47	S 1	Calm 0	10	10	*060
29	79	29° 85	59° 0	56° 9	55° 5	63° 5	1° 6	0° 6	*448	*445	90	96	Calm 0	NW 0° 5	10	10	*100
30	29° 98	30° 03	55° 3	53° 4	52° 1	58° 3	4° 8	3° 1	*312	*325	71	80	NNW 1	Calm 0	10	9	—
Mean	29° 794	29° 806	57° 4	52° 8	47° 7	61° 7	3° 5	1° 8	*374	*355	79° 0	88° 5	1° 2	0° 7	9° 1	8° 8	3° 850

∞ 9a.

T from 4° 30p.

T till 4a., and during day.

∞ 9p.

▲ showers during the afternoon.

Distant T 6p.

● showers during the day.

∞ 9a.
T from 4.30p.
T till 4a., and during day.
∞ 9p.

Δ showers during the afternoon.
Distant T 6p.
● showers during the day.

DUBLIN (PHENIX PARK).—JUNE 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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.	0	0	0	0	0	0	in.	in.	%	%	WNW 2	W 1	7	8	ins.	
2	29° 54	29° 51	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
3	29° 56	29° 53	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
4	29° 58	29° 55	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
5	29° 60	29° 57	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
6	29° 62	29° 59	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
7	29° 64	29° 61	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
8	29° 66	29° 63	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
9	29° 68	29° 65	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
10	29° 70	29° 67	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
11	29° 72	29° 69	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
12	29° 74	29° 71	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
13	29° 76	29° 73	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
14	29° 78	29° 75	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
15	29° 80	29° 77	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
16	29° 82	29° 79	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
17	29° 84	29° 81	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
18	29° 86	29° 83	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
19	29° 88	29° 85	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
20	29° 90	29° 87	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
21	29° 92	29° 89	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
22	29° 94	29° 91	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
23	29° 96	29° 93	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
24	29° 98	29° 95	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
25	29° 100	29° 97	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
26	29° 102	29° 99	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
27	29° 104	29° 101	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
28	29° 106	29° 103	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
29	29° 108	29° 105	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
30	29° 110	29° 107	48° 5	44° 8	44° 2	54° 0	3° 4	1° 8	261	255	77	86	WNW 2	W 1	7	8	100	
Mean	29° 804	29° 815	58° 0	53° 7	47° 0	63° 6	3° 7	2° 3	379	357	78° 0	85° 4	0° 8	0° 3	6° 9	5° 2	1° 950	

DEERNESS.—JULY 1898.

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.		Air Temperature.					Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	54°	52°	49°	58°	3°	0°	in.	in.	%	%					ins.			
2	29° 81	29° 71	54°	52°	49°	58°	3°	0°	331	377	78	94	SW	3	WSW	3	9	0°50	● showers from 7p.	
3	55	49	50°	48°	47°	56°	1°	2°	339	278	91	84	SW	4	WSW	2	10	3	0°70	● showers a.
4	58	40	53°	50°	44°	56°	4°	2°	288	303	71	84	NW	4	NNW	6	3	1	—	—
5	54	29° 82	53°	51°	45°	53°	3°	3°	292	394	78	98	NNW	5	NNW	2	10	10	—	—
6	77	71	56°	54°	52°	58°	1°	2°	425	332	94	85	SSW	2	WbyN	3	10	10	225	● 4p.-8p.
7	29° 77	29° 90	50°	50°	49°	55°	1°	2°	330	321	88	87	WSW	4	W	6	10	10	0°10	Overcast and breezy.
8	30° 01	30° 12	52°	49°	47°	53°	3°	8°	301	303	75	87	WbyN	6	NNW	6	10	8	—	—
9	17	19	54°	53°	46°	58°	3°	8°	301	303	75	87	NW	5	NNW	3	7	5	—	Fine day. Mackerel sky 9p.
10	21	30° 22	58°	56°	51°	62°	4°	0°	320	347	76	86	N	2	NbyE	1	8	9	—	Very fine.
11	30° 12	29° 97	57°	56°	52°	62°	4°	1°	367	408	76	90	Calm	0	WNW	2	10	9	—	Very fine. Much cir. p.
12	29° 72	68	54°	51°	50°	58°	0°	9°	394	373	79	83	W	4	W	5	10	9	0°20	Fine day.
13	71	76	49°	48°	45°	53°	4°	2°	252	290	72	84	W	6	WNW	3	10	10	—	—
14	64	66	54°	51°	45°	58°	4°	0°	251	310	71	74	NNW	4	NW	4	9	1	—	Red sunset.
15	80	81	58°	55°	45°	62°	4°	2°	362	386	75	89	WSW	4	WNW	4	8	9	—	—
16	74	75	54°	50°	49°	56°	2°	0°	360	309	86	86	SW	3	SW	2	2	9	280	Fine and sunny.
17	83	60	54°	48°	47°	54°	5°	4°	282	323	68	94	W	4	W	6	8	5	0°	● showers.
18	37	63	54°	47°	46°	54°	0°	3°	409	263	98	82	NW	4	SE	5	6	10	460	● showers.
19	75	86	50°	47°	44°	53°	3°	8°	278	280	75	87	W	3	N	4	10	1	240	● till 2p.
20	88	88	53°	50°	45°	55°	5°	2°	273	325	68	87	NNW	4	NW	1	9	6	—	—
21	82	72	54°	51°	49°	59°	4°	1°	307	343	72	88	WhyN	4	W	3	10	10	0°30	Fine a. ● showers p.
22	57	41	56°	56°	48°	65°	3°	3°	365	358	81	79	WSW	5	SbyE	1	9	6	—	Very fine.
23	30	52	50°	49°	47°	56°	2°	4°	301	275	83	78	S	2	Calm	0	2	8	0°60	Very fine.
24	66	80	49°	50°	45°	54°	3°	3°	301	275	83	78	NWbyN	7	NW	7	9	10	0°50	● showers.
25	85	91	54°	51°	47°	56°	5°	4°	278	302	79	84	NW	6	NW	3	9	9	—	—
26	93	94	56°	54°	48°	60°	4°	2°	345	342	75	81	WNW	3	NW	1	9	6	—	—
27	90	81	55°	52°	51°	56°	0°	9°	406	364	94	94	SW	1	S	1	10	9	—	Very fine.
28	29° 65	29° 89	50°	48°	48°	52°	0°	3°	251	285	98	82	Calm	0	E	1	10	9	810	● a.
29	30° 07	30° 03	49°	50°	46°	55°	3°	4°	330	330	74	90	NNE	5	NbyE	6	10	10	140	● 2 from 2a.
30	30° 00	29° 84	51°	51°	43°	50°	2°	6°	311	324	83	85	NNW	5	NW	3	9	10	0°60	Overcast and cold.
31	29° 73	29° 72	53°	53°	50°	56°	1°	0°	377	377	93	94	NWbyW	2	SbyE	3	10	10	0°60	● from 7p.
													W	4	WbyS	4	10	10	0°75	● a. Dull with ● showers.
Mean	29° 794	29° 809	53° 4	51° 2	47° 6	57° 2	3° 1	2° 0	368	328	80° 3	86° 6		3° 7		3° 3	8° 3	7° 8	2° 680	

DUNROBIN CASTLE.—JULY 1898.

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

1	30°02	29°92	60°5	55°0	52°0	64°8	7°7	3°0	312	349	59	81	W	W	—	—	—	—	°50	Fine a. Dull p.
2	29°77	7°0	53°8	49°0	47°0	60°8	4°0	4°0	308	255	73	73	W	W	—	—	—	—	°30	● showers a.
3	29°76	29°99	56°0	51°8	44°8	60°8	6°0	2°6	295	233	65	61	W	W	—	—	—	—	—	—
4	30°10	30°20	57°2	50°2	48°0	60°8	7°4	3°2	278	284	59	79	NW	N	—	—	—	—	—	—
5	12	30°09	56°0	57°2	45°0	59°8	6°5	1°4	285	426	63	91	S	N	—	—	—	—	°40	● showers.
6	01	29°06	61°5	56°0	56°0	64°0	3°7	2°0	427	391	78	87	W	W	—	—	—	—	°20	● showers.
7	03	30°18	55°8	52°8	52°0	61°2	3°6	4°0	347	297	77	75	W	W	—	—	—	—	°30	Dull a. Blowy, with ● showers p.
8	25	33	60°8	50°8	48°8	65°5	8°3	3°6	302	283	57	76	W	N	—	—	—	—	—	Gusty p.
9	36	41	54°8	54°8	45°0	58°2	4°0	3°8	323	327	76	76	W	NE	—	—	—	—	—	Fine and breezy.
10	39	43	59°0	57°2	52°2	61°0	2°8	1°2	413	431	83	92	SE	N	—	—	—	—	—	Dull a.
11	30°33	30°16	62°0	57°0	53°8	73°0	6°5	3°0	360	377	65	81	W	W	—	—	—	—	—	Dull and mild.
12	29°95	29°89	60°2	53°2	52°8	65°0	4°2	5°0	393	279	75	69	W	NW	—	—	—	—	—	Dull and mild.
13	94	98	52°5	51°0	50°0	60°0	3°5	5°0	304	255	77	68	W	NW	—	—	—	°50	∞	Dull and dry.
14	87	29°98	54°0	55°2	45°0	68°2	4°0	4°4	310	319	74	73	SW	SW	—	—	—	—	—	Dull and dry.
15	97	30°04	61°8	56°2	48°0	72°2	6°3	1°0	362	422	66	93	SW	NW	—	—	—	—	—	Fine and warm.
16	29°97	30°02	60°8	52°8	52°0	62°8	6°8	4°0	336	279	63	70	W	W	—	—	—	—	—	Fine and dry.
17	30°05	29°71	57°8	51°8	48°0	59°0	6°8	0°6	298	370	62	95	W	E	—	—	—	—	—	Fine a. ● p.
18	29°57	29°84	58°0	50°2	49°8	59°8	2°5	2°7	407	296	84	82	W	E	—	—	—	—	—	—
19	29°97	30°10	51°0	50°5	44°0	52°0	4°2	3°5	270	281	72	77	N	NW	—	—	—	—	—	Dull and calm.
20	30°11	30°09	53°5	51°8	42°2	60°2	4°7	4°3	290	280	70	73	NW	NW	—	—	—	—	—	Dull and calm a. Fine p.
21	30°00	29°84	56°2	51°5	44°0	62°8	5°2	2°3	314	321	69	84	W	W	—	—	—	—	—	Fine day.
22	29°77	64	60°2	60°2	48°2	67°8	4°2	5°2	393	367	75	70	E	W	—	—	—	—	—	Fine day.
23	55	29°82	56°6	51°0	50°0	60°5	0°4	3°0	446	299	97	80	NW	W	—	—	—	—	—	Breezy p.
24	29°93	30°06	51°0	51°0	49°0	59°0	5°0	3°0	255	299	68	80	NW	W	—	—	—	—	—	Dull a. Fine p.
25	30°05	12	55°2	53°2	41°0	56°0	6°0	3°2	283	320	65	79	NW	W	—	—	—	—	—	Dull and dry.
26	12	30°14	57°5	54°8	46°0	59°0	4°7	4°8	347	304	72	71	NW	W	—	—	—	—	—	Very fine and warm.
27	30°07	29°94	57°2	55°0	48°0	60°0	4°4	1°8	344	381	73	88	E	W	—	—	—	—	—	Dull and dry.
28	29°78	30°16	59°2	50°8	50°2	60°0	3°0	3°8	411	278	82	75	E	N	—	—	—	—	—	● showers a. Blowy p.
29	30°22	28	51°0	52°0	49°0	60°0	4°0	2°0	276	335	74	86	N	W	—	—	—	—	—	Dull and warm.
30	30°21	30°07	55°0	53°2	47°8	59°0	6°2	2°2	276	344	64	85	NW	W	—	—	—	—	—	Dull and breezy.
31	29°96	29°94	61°5	56°8	53°0	63°5	5°5	4°0	397	350	75	76	W	W	—	—	—	—	—	Breezy a. Dull p.
Mean	30°007	30°032	57°0	53°4	48°5	61°8	4°9	3°1	334	334	71°4	78°9	—	—	—	—	—	—	1°070	—

BRAEMAR.—JULY 1898.

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° Fah.		Air Temperature.				Humidity.						Wind Direction and Force.				Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	55.8	52.6	47.7	62.4	6.4	4.1	28.4	29.3	63	74	W	1	SW	0.5	7	6	ins.	Fine day.
2	28.85	28.82	55.8	52.6	47.7	62.4	6.4	4.1	28.4	29.3	63	74	W	1	SW	0.5	7	6	.020	☉ showers a.
3	.66	.56	46.3	45.6	42.6	59.0	2.5	4.1	25.8	22.0	83	72	SW	6	W	2	8	7	.040	☉ showers.
4	.60	.73	50.1	47.3	44.0	57.3	2.5	2.6	26.2	26.5	72	82	NW	2	NE	0.5	7	8	.060	☉ showers.
5	.90	.99	49.3	49.4	44.3	58.9	5.2	2.9	23.4	28.3	66	81	W	1	N	0.5	7	8	.060	☉ showers.
6	.97	.88	47.8	57.4	47.0	57.8	2.3	2.6	27.7	39.5	84	84	SW	2	SW	1	8	8	.290	Dull, with ☉ till 4p.
7	.89	.83	58.9	56.9	55.7	63.8	3.4	3.6	39.5	36.0	79	78	W	4	W	4	8	8	—	Fine day.
8	28.85	28.96	57.1	52.6	51.8	60.2	5.3	6.0	32.1	25.3	69	64	SE	2	NW	0.5	7	0	—	Fine day.
9	29.02	29.09	57.6	51.6	51.3	66.2	6.8	4.0	29.5	28.4	62	75	SE	1	SE	0.5	5	3	—	Fine day.
10	.11	.18	62.1	56.9	38.2	68.8	10.6	5.6	27.1	31.2	49	67	E	0.5	E	0.5	3	1	—	Fine day.
11	.18	.19	57.3	59.9	41.2	69.9	3.8	5.8	36.1	39.9	77	78	E	0.5	SE	0.5	8	8	—	Fine day.
12	29.15	29.00	61.0	58.9	54.0	73.5	6.2	5.2	33.3	34.9	66	70	SE	0.5	SE	0.5	8	3	—	Fine day.
13	28.81	28.73	59.6	54.3	52.0	69.3	5.1	6.0	36.1	27.1	71	65	SW	1	NW	2	8	7	.010	Fine day.
14	.72	.79	50.6	47.6	47.2	60.0	3.8	2.8	26.6	26.5	75	81	NW	0.5	NW	0.5	8	2	—	Fine day.
15	.68	.76	53.9	54.6	38.2	71.0	6.2	4.5	26.3	30.7	63	73	NW	0.5	W	0.5	7	1	—	Fine day.
16	.84	.89	62.4	57.1	44.2	70.3	10.6	4.2	27.3	34.8	48	75	W	0.5	W	0.5	0	5	—	Fine day.
17	.80	.84	58.6	52.6	51.0	66.3	3.8	6.1	38.0	25.1	77	64	SW	2	W	4	8	4	—	Fine day.
18	.87	.59	53.6	58.8	47.2	55.0	6.3	6.3	25.8	33.2	63	65	SW	0.5	W	0.5	7	10	.230	Dull and calm, with ☉.
19	.88	.62	56.8	49.4	48.0	61.7	3.6	1.9	33.9	30.5	77	88	SW	1	E	0.5	8	10	.010	☉ showers.
20	.78	.87	48.3	45.4	39.4	56.0	3.8	1.9	25.1	26.0	74	87	NE	0.5	N	0.5	7	3	—	Fine day.
21	.93	.91	55.4	53.6	37.8	66.3	6.9	4.1	26.8	30.4	61	74	NW	0.5	NW	0.5	4	3	—	Fine day.
22	.81	.74	55.6	60.6	32.7	67.0	5.3	5.5	30.5	36.5	69	70	NW	0.5	SW	0.5	8	8	—	
23	.61	.48	65.3	61.3	51.0	67.8	6.8	4.1	37.1	44.3	64	76	SW	1	SW	0.5	3	8	—	
24	.40	.61	59.5	48.8	48.0	62.2	6.4	4.3	32.7	24.7	65	71	NW	4	NW	2	7	8	—	
25	.73	.84	51.2	46.9	45.6	60.0	6.3	2.4	23.2	26.5	62	84	NW	2	NW	0.5	5	0	—	
26	.86	.90	54.6	55.6	35.0	68.3	5.1	5.4	29.4	30.3	70	68	NW	0.5	NE	0.5	5	8	—	
27	.91	.91	59.9	58.8	50.0	69.2	5.8	3.5	34.8	39.1	67	79	NE	0.5	E	0.5	5	8	—	
28	.88	.80	61.6	56.9	49.8	68.7	4.3	2.3	41.2	39.5	76	86	E	0.5	E	0.5	6	8	.060	Dull day. ☉ showers p.
29	28.60	28.82	58.9	50.4	49.0	64.3	4.4	1.9	36.8	31.8	74	88	E	0.5	NW	0.5	7	8	.060	☉ showers p.
30	29.00	29.05	47.3	51.6	43.8	56.8	3.4	4.4	24.8	27.5	70	72	E	2	NW	0.5	8	9	.010	Fair, but cold.
31	29.02	28.91	49.4	55.2	43.8	67.8	2.0	5.7	30.3	29.0	87	67	NW	0.5	W	0.5	5	8	.020	Fine day.
31	28.81	28.81	59.1	56.3	50.7	67.3	3.6	4.8	39.3	32.5	78	71	W	0.5	W	4	8	8	—	Fine day.
Mean	28.829	28.841	55.6	53.7	45.4	64.3	5.2	4.1	31.0	31.1	69.9	75.1	1.3		1.0		6.5	6.0	0.870	

LAUDALE.—JULY 1898.

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	30°06	29°98	57°0	55°0	54°4	60°4	4°0	2°8	351	354	75	82	S	2	W	2	10	10	*130	Dull and cloudy.
2	29°85	29°76	53°8	49°0	46°1	59°0	3°4	2°0	322	298	77	86	NW	3	NW	4	10	10	*330	12° 30' 8a-gp.
3	29°86	30°00	54°0	50°7	46°5	57°2	3°0	1°9	334	322	80	88	W	4	N	4	10	8	*250	☼ showers a and p.
4	30°14	22	53°9	50°4	48°0	59°1	4°6	1°5	296	328	71	90	N	3	NW	1	7	5	*080	Cloudy and dry a. Fine p.
5	19	16	52°8	56°3	48°2	38°0	1°8	0°5	350	439	87	97	W	3	W	5	10	10	*510	☼ showers a, ☼ all day.
6	12	05	59°6	55°9	55°5	60°6	1°7	0°9	456	420	89	94	WSW	6	WSW	6	10	10	*330	Sudden ☼ 8a, ☼ (mist) all day.
7	15	24	54°1	52°3	52°0	59°8	0°8	2°1	396	336	94	85	W	3	NW	3	10	4	*010	☼ (mist) ☼ showers a.
8	24	27	56°0	54°2	47°8	61°7	2°0	2°2	391	358	87	85	NW	4	NW	1	3	2	—	/a. Fine p.
9	34	34	60°0	57°2	47°0	67°8	3°1	4°4	420	344	81	73	Caln	0	Caln	0	4	6	—	Fine day. Cir.-c. clouds.
10	38	40	65°0	57°7	48°2	69°0	5°0	2°5	447	403	73	84	Caln	0	N	1	3	2	—	Fine day. [showers p.
11	37	30°26	61°2	57°7	48°2	63°7	4°2	1°9	408	420	76	88	Caln	0	NW	1	10	10	—	Dark and cloudy a. ☼ (mist) ☼
12	30°06	29°99	58°0	53°8	48°0	59°4	1°0	1°8	451	363	93	87	W	2	NW	2	10	10	*110	☼ ☼ (mist) a. and p.
13	29°94	30°00	57°0	52°4	51°2	61°4	4°9	2°4	329	330	71	84	Caln	0	N	1	3	2	—	Fine and dry. Cir.-c. clouds.
14	29°85	00	54°0	54°2	48°8	61°9	1°2	3°0	382	337	92	80	Caln	0	NW	2	10	8	*050	☼ (mist) ☼ showers.
15	30°09	09	56°0	58°0	51°8	63°4	3°2	1°0	360	451	80	93	W	1	Caln	0	10	10	*140	Dark day.
16	03	30°08	59°0	54°4	52°7	63°8	2°2	2°6	430	351	87	83	W	2	W	3	10	7	*030	☼ till 10a, then fine.
17	30°04	29°75	53°2	61°0	49°4	62°4	2°2	2°0	344	464	85	87	S	3	W	6	10	10	*820	☼ showers a, ☼ p.
18	29°67	29°87	56°7	53°2	49°0	61°2	2°2	1°0	395	377	86	93	W	6	W	1	10	10	*110	☼ (mist) a. and p.
19	29°95	30°02	57°0	56°0	47°6	65°0	1°1	1°8	431	397	92	88	E	1	NE	1	2	2	—	Fine and bright.
20	30°06	30°06	56°0	50°2	46°0	64°9	4°2	1°2	335	332	74	92	N	1	Caln	0	2	4	—	Fine and bright. Cir.-p.
21	30°01	29°87	56°1	60°0	46°0	67°3	2°1	1°8	390	459	86	89	NW	2	W	2	8	10	—	Dull and sultry with ∞ p.
22	29°76	61	61°0	61°0	47°2	66°0	2°9	2°0	442	470	83	88	S	4	S	1	10	8	*020	☼ (mist) a. Sultry, with ∞ p.
23	56	29°83	56°0	51°5	51°0	66°8	3°7	2°5	348	316	77	83	N	4	N	2	10	3	—	Sunny intervals p.
24	29°96	30°02	52°7	52°0	46°0	64°4	3°7	3°0	302	310	76	80	N	1	N	1	6	0	—	Cloudy a. Fine p.
25	30°06	10	56°0	51°0	43°0	62°8	4°0	1°7	340	331	75	88	Caln	0	W	1	3	7	—	Fine all day. Cir.-c. most of day.
26	11	30°10	59°0	55°0	45°0	65°2	4°1	1°2	377	397	76	92	W	1	N	1	7	7	—	Sunny intervals p. White ☼ in
27	30°09	29°99	59°3	59°0	47°8	66°5	2°5	2°0	426	436	85	88	SE	2	NW	1	0	10	*270	Fine a. Damp ☼ p. [evening.
28	29°82	30°05	55°8	52°8	52°0	59°0	1°4	1°8	405	350	91	87	N	3	N	1	10	5	—	☼ (mist) a. ☼ (gale) p.
29	25	55°5	52°8	48°0	63°0	4°3	2°8	326	323	73	81	E	2	N	1	2	0	—	Fine and bright.	
30	30°19	09	58°0	55°8	42°8	65°0	3°0	2°8	393	367	81	82	Caln	0	W	1	2	10	*220	Fine day. ☼ (mist) p.
31	29°99	30°04	59°8	56°1	54°1	65°0	1°8	2°5	456	378	89	84	W	5	NW	2	10	10	*130	/a. ☼ (mist) ☼ showers p.
Mean	30°036	30°048	56°0	54°7	48°7	62°9	2°9	2°1	382	373	82°0	86°5		2°2		1°9	7°2	6°6	3°530	

DUNDEE.—JULY 1898.

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.

Day.	Barometer at 52° Fahr.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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° 90	29° 81	59° 2	55° 8	50° 3	66° 7	5° 4	5° 7	320	345	68	77	W	1	W	2	10	5	—
3	67	61	60° 8	51° 6	44° 3	66° 3	3° 6	3° 4	254	254	79	67	W	6	W	6	10	5	● 11a.
4	63	29° 74	56° 1	48° 6	44° 0	62° 8	6° 5	2° 2	266	290	63	85	NW	4	NW	1	5	10	● till 8p.
5	29° 92	30° 04	58° 0	53° 3	46° 4	61° 7	6° 1	2° 2	316	334	66	87	N	6	SE	1	5	10	● showers 3p.-8p.
6	30° 03	29° 92	52° 1	58° 8	48° 6	60° 7	1° 5	1° 7	350	442	89	90	W	1	W	1	10	10	● n and till 3p.
7	29° 93	88	66° 1	60° 6	56° 4	67° 7	5° 1	3° 8	463	410	72	79	W	4	W	4	5	10	—
8	29° 87	29° 97	65° 0	58° 0	55° 3	72° 7	6° 4	6° 9	407	298	66	62	NW	6	NW	6	5	10	—
9	30° 06	30° 12	65° 8	52° 9	46° 6	72° 7	6° 7	1° 3	411	364	66	91	SW	1	SE	1	5	0	—
10	18	23	63° 1	51° 4	46° 0	67° 1	5° 7	1° 8	397	333	69	88	SE	1	SE	1	5	0	—
11	24	24	60° 4	55° 6	46° 8	77° 2	5° 8	3° 6	355	344	67	77	SW	1	E	1	10	10	—
12	30° 19	30° 00	69° 1	63° 8	50° 6	76° 6	6° 5	4° 8	473	433	66	73	SW	1	W	2	5	5	—
13	29° 83	29° 75	65° 9	58° 2	53° 2	74° 7	8° 2	5° 6	375	330	59	68	W	4	NW	2	5	10	—
14	72	82	61° 2	51° 2	50° 6	66° 7	8° 1	2° 6	311	311	57	83	NE	6	SE	1	5	5	—
15	73	76	57° 4	61° 1	44° 9	74° 5	5° 5	5° 6	332	340	68	64	NW	2	NW	4	10	5	—
16	91	92	63° 6	63° 1	48° 0	76° 2	7° 8	7° 3	351	355	60	62	SW	2	W	2	0	5	—
17	84	90	61° 8	57° 1	55° 9	67° 6	3° 9	5° 5	427	317	78	68	W	2	W	1	5	5	—
18	91	79	55° 4	53° 8	47° 2	65° 3	5° 3	0° 2	301	409	69	98	W	1	S	1	10	10	—
19	66	29° 74	62° 5	54° 1	53° 2	64° 2	5° 0	3° 0	407	336	72	80	W	2	NE	2	10	10	—
20	90	30° 00	59° 1	52° 6	47° 2	58° 7	7° 5	3° 0	299	318	59	80	NE	2	SE	1	5	5	—
21	97	29° 92	61° 0	57° 1	44° 3	69° 2	5° 9	2° 4	361	396	68	84	S	1	SE	1	5	5	—
22	90	77	60° 1	62° 2	42° 1	62° 2	5° 0	4° 3	371	422	72	76	S	1	SE	1	0	0	—
23	65	45	65° 9	57° 6	51° 4	70° 6	5° 3	1° 5	454	429	71	90	S	1	W	1	0	5	—
24	36	61	64° 4	53° 6	52° 9	68° 3	6° 0	3° 2	409	260	67	63	W	2	NW	2	5	10	—
25	74	85	60° 9	53° 9	46° 6	67° 6	8° 9	6° 8	290	314	54	76	NW	1	SE	1	5	10	—
26	90	94	62° 6	53° 2	44° 4	66° 7	6° 8	2° 1	361	347	64	86	SE	1	SE	1	5	10	—
27	97	94	57° 3	56° 4	51° 0	66° 7	6° 9	1° 5	289	410	62	90	SE	1	E	1	10	10	—
28	92	82	59° 9	55° 9	53° 5	68° 6	2° 6	1° 3	433	410	85	92	SW	1	E	1	10	10	—
29	29° 61	29° 79	60° 9	54° 9	54° 2	70° 1	2° 5	2° 8	453	353	85	82	W	1	NE	4	10	10	—
30	30° 03	30° 08	53° 6	50° 8	47° 3	62° 0	4° 5	2° 4	294	311	72	84	NE	4	N	1	10	7	—
31	30° 06	29° 92	59° 6	58° 2	46° 2	69° 7	3° 0	3° 6	447	380	82	78	SW	1	W	2	5	10	—
32	29° 85	29° 82	65° 6	60° 9	54° 1	72° 0	5° 8	4° 7	434	390	70	73	W	4	W	1	5	10	—
Mean	29° 873	29° 875	61° 0	56° 0	49° 1	68° 2	5° 6	3° 5	373	354	69° 2	79° 1	2° 3		1° 9	6° 6	6° 8	0° 880	

GLASGOW.—JULY 1898.

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° 91	29° 82	57° 2	53° 8	51° 4	60° 0	4° 8	3° 5	*335	*332	71	80	W	1	W	1	10	7	—	Dull and overcast.
2	'71	'82	57° 1	48° 5	48° 5	58° 4	5° 9	2° 0	*308	*280	66	82	W	4	W	2	6	8	'260	Squally \nearrow a. T 11a. \bullet^0 showers.
3	'66	29° 78	54° 6	51° 1	46° 2	58° 4	5° 9	4° 8	*278	*260	66	70	W	2	NW	1	10	9	'020	\bullet^0 showers.
4	29° 93	30° 01	56° 1	52° 8	44° 9	63° 5	6° 0	3° 6	*292	*306	65	76	W	1	W	1	7	5	'025	
5	30° 05	30° 00	57° 7	56° 8	48° 8	57° 8	2° 6	0° 9	*329	*435	83	94	SW	1	SW	2	10	10	'020	Overcast, with \bullet^0 showers.
6	30° 00	29° 93	57° 7	56° 7	55° 8	61° 7	1° 4	0° 9	*434	*433	91	95	2	W	2	2	10	10	'010	Dull and Squally. \bullet^0 11p.
7	29° 93	30° 01	59° 0	54° 1	54° 1	64° 1	4° 0	4° 1	*380	*309	76	74	NW	3	W	2	7	0	—	Fine day.
8	30° 03	'08	60° 0	58° 2	47° 8	71° 3	7° 3	6° 3	*314	*314	61	65	NW	2	E	1	8	6	—	Fine day.
9	'14	'18	59° 4	57° 1	50° 1	73° 1	4° 6	4° 9	*371	*331	73	71	Calm	0	E	2	9	9	—	Fine day.
10	'21	'19	61° 7	62° 2	32° 2	74° 1	6° 5	3° 9	*355	*433	64	78	Calm	0	W	1	9	2	—	
11	30° 17	30° 07	62° 8	57° 5	53° 3	68° 1	5° 8	3° 3	*389	*378	68	79	W	1	W	2	1	10	—	Cloudy day.
12	29° 90	29° 78	59° 1	54° 1	54° 1	61° 7	4° 1	2° 9	*379	*338	75	80	W	2	W	2	1	10	—	Dull and overcast.
13	'71	'78	58° 9	54° 7	52° 1	67° 0	9° 1	4° 0	*264	*321	52	75	NW	1	W	1	5	1	—	Fine and clear.
14	'75	'82	55° 5	53° 4	48° 1	66° 6	4° 5	3° 3	*321	*320	72	79	W	2	SW	1	10	2	—	Dull a. Fine and clear p.
15	'91	'95	59° 4	58° 3	48° 0	68° 8	5° 7	4° 2	*343	*366	68	75	W	1	SW	1	2	7	'070	Fine and clear.
16	'88	'91	58° 8	54° 0	54° 0	65° 1	1° 7	3° 6	*442	*320	90	76	SW	2	W	1	10	3	'200	\bullet^0 showers a.
17	'91	'64	52° 2	51° 1	50° 8	61° 3	0° 8	1° 1	*369	*466	95	93	W	1	SW	3	10	10	'425	Overcast with \bullet^0 .
18	'52	'59	58° 1	55° 9	55° 9	60° 3	3° 0	2° 1	*395	*388	81	87	W	2	W	1	9	10	'052	\bullet^0 showers a.
19	'78	'85	54° 6	54° 8	49° 1	65° 0	6° 8	4° 5	*259	*311	61	73	E	1	E	1	10	9	—	
20	'93	'94	57° 2	56° 3	49° 5	67° 2	4° 6	4° 3	*339	*336	72	73	W	1	SW	1	3	10	—	Fine day.
21	'85	'74	61° 6	59° 3	51° 3	69° 2	9° 4	3° 4	*288	*401	53	79	SW	1	SW	1	7	6	—	
22	'62	'45	58° 9	59° 4	55° 1	64° 7	3° 6	2° 3	*389	*434	78	87	E	1	W	1	10	9	—	Dull and overcast.
23	'38	'62	59° 0	54° 3	54° 3	65° 1	3° 3	5° 3	*399	*286	80	68	NW	1	Calm	0	9	0	—	
24	'76	'82	56° 0	53° 9	44° 3	68° 7	7° 0	4° 5	*274	*298	60	71	NW	1	NE	1	6	5	—	∞ in evening.
25	'87	'90	56° 9	56° 3	46° 2	67° 7	5° 2	3° 3	*321	*361	69	79	NW	1	W	1	0	4	—	Fine and clear.
26	'93	'90	58° 0	57° 6	52° 2	66° 8	3° 7	2° 8	*375	*393	78	83	E	1	Calm	0	10	10	—	Dull day. ∞ in evening.
27	'90	'82	56° 1	57° 8	53° 2	68° 9	1° 2	2° 7	*415	*398	91	83	NW	1	SW	1	10	10	'215	
28	29° 62	29° 82	59° 8	56° 8	56° 1	63° 4	3° 1	5° 8	*417	*307	81	66	W	2	N	1	7	7	'028	\bullet^0 a. \mathcal{K}^0 shower 3°30p.
29	30° 00	30° 07	56° 2	55° 0	50° 7	65° 9	7° 3	5° 1	*270	*300	59	70	NE	1	SE	1	3	2	—	Fine and clear. ∞ in evening.
30	30° 04	29° 95	56° 1	56° 8	44° 3	65° 5	4° 1	3° 5	*339	*362	74	78	SW	2	Calm	0	10	10	'034	Fine day.
31	29° 87	29° 87	55° 9	58° 2	55° 1	63° 1	0° 9	2° 6	*420	*407	94	84	SW	2	W	2	10	10	'010	\bullet^0 showers 6a. and 4p.
Mean	29° 866	29° 868	57° 6	56° 0	50° 9	65° 2	4° 6	3° 5	*348	*352	73° 1	78° 2	1° 4		1° 2		7° 7	6° 8	1° 339	

LADYLAW.—JULY 1898.

Height above Mean Sea Level, 447 feet. Heights above Ground :—Bar., 15 feet. Therms., 4 feet. Rain-gauge, 10 inches.
Long. 2° 47' W. Lat. 55° 28' N. Gravity Correction, +.026 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.				
							Dep. of Wet.		Vapour Tension.		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.	% / 60	% / 60					ins.					
1	29° 51	29° 51	56° 2	50° 0	45° 2	65° 4	1° 9	1° 7	396	317	88	88	S	1	SW	1	10	10	—	Overcast all day.
2	43	34	60° 0	50° 8	44° 6	65° 8	4° 3	2° 6	387	306	75	82	SW	1	SW	1	3	0	—	
3	33	41	56° 4	50° 0	42° 6	64° 2	2° 0	0° 1	393	358	87	99	SW	1	Calmo	0	7	10	—	from 8 p.
4	61	71	55° 2	50° 1	42° 2	66° 4	1° 5	1° 5	396	323	90	89	SW	1	SW	1	8	6	—	showers.
5	73	67	52° 2	51° 4	42° 6	64° 2	0° 6	0° 8	374	339	96	94	W	1	SW	1	10	10	—	Overcast all day. p.
6	70	62	63° 6	58° 0	50° 4	68° 8	1° 9	1° 3	322	442	89	91	SW	1	SW	1	10	10	—	Overcast all day.
7	60	67	63° 1	54° 8	50° 9	70° 5	2° 7	3° 8	486	327	83	76	S	1	S	1	10	0	—	Fine and very hot from 10 a.
8	72	79	62° 4	51° 0	42° 6	70° 0	4° 1	2° 5	431	311	77	83	N	1	N	1	0	0	—	Bright all day.
9	84	87	56° 8	51° 0	37° 0	65° 8	4° 4	3° 2	340	294	73	79	N	1	N	1	5	0	—	
10	90	90	59° 2	60° 0	38° 4	68° 4	3° 5	3° 0	397	423	79	82	NW	1	Calmo	0	0	0	—	Bright all day.
11	85	75	68° 3	56° 4	50° 2	75° 8	4° 1	2° 7	536	377	77	83	SW	1	SW	1	0	0	—	Bright, very hot, and close.
12	58	46	64° 2	54° 0	49° 8	67° 4	1° 6	3° 6	543	320	91	76	SW	1	SW	1	0	10	—	Overcast till 10 a., then overcast.
13	38	47	58° 2	55° 2	49° 4	67° 4	1° 5	1° 8	439	384	90	88	NE	2	SW	1	10	0	—	Bright till 11 a., then bright.
14	45	48	57° 0	55° 4	39° 6	65° 6	3° 2	3° 0	372	355	80	81	SW	1	SW	1	10	0	—	Overcast a. Bright p.
15	61	62	64° 4	59° 3	40° 6	74° 8	4° 6	3° 6	450	396	74	78	S	1	SW	1	0	0	—	Bright and very hot all day.
16	59	56	63° 0	54° 7	49° 6	68° 8	3° 7	3° 3	452	338	79	78	SW	1	Calmo	0	8	0	—	
17	60	41	57° 1	50° 8	49° 4	64° 6	2° 3	1° 8	398	456	85	89	SW	1	SW	2	10	10	—	Overcast with showers.
18	23	27	60° 1	56° 2	53° 6	66° 4	1° 2	2° 3	481	385	92	85	SW	1	SW	1	10	10	—	Overcast all day.
19	45	54	53° 1	49° 0	45° 6	60° 2	1° 9	2° 0	351	298	86	86	NE	1	NE	1	10	8	—	Sunny intervals.
20	62	62	60° 4	54° 4	38° 8	68° 8	3° 8	2° 1	407	364	78	66	SW	1	SW	1	0	0	—	Bright all day.
21	58	46	63° 4	57° 4	45° 2	69° 4	3° 7	1° 6	460	423	79	90	S	2	Calmo	0	0	0	—	Bright all day.
22	84	14	62° 0	62° 0	49° 0	71° 4	2° 4	1° 7	475	497	86	90	SW	1	Calmo	0	0	0	—	Bright all day. ∞
23	08	27	59° 2	53° 9	52° 6	69° 8	2° 3	2° 3	421	351	86	85	SW	1	W	1	10	10	—	Overcast nearly all day.
24	45	53	60° 2	51° 0	38° 4	68° 4	4° 9	2° 4	375	313	72	84	SW	1	N	1	6	0	—	
25	56	59	57° 0	37° 4	38° 8	69° 4	2° 3	3° 6	397	368	85	78	Calmo	0	SW	1	10	0	—	Overcast till 11 a., then bright.
26	61	57	58° 0	59° 8	42° 6	69° 8	3° 4	2° 0	383	451	79	88	Calmo	0	W	1	0	10	—	Bright till 3 p.
27	58	50	56° 4	58° 2	51° 6	64° 8	0° 8	1° 2	431	448	95	92	Calmo	0	W	1	10	10	—	Overcast and oppressive.
28	35	45	60° 5	54° 1	51° 4	70° 8	2° 7	3° 3	432	411	84	98	SW	2	NW	2	10	10	—	Overcast all day. 2 from 8 p.
29	68	73	50° 1	49° 2	47° 6	58° 8	1° 7	1° 2	318	319	88	92	NE	2	NW	1	10	0	—	Bright from 3 p.
30	73	65	60° 4	53° 4	34° 0	68° 2	2° 6	2° 8	494	332	81	82	NW	1	W	1	4	5	—	
31	29° 59	29° 54	59° 2	54° 0	50° 0	65° 4	2° 6	1° 3	422	380	85	91	SW	3	SW	1	10	10	—	Overcast all day.
Mean	29° 559	29° 551	59° 3	54° 6	45° 3	67° 6	2° 7	2° 2	423	369	83° 5	85° 9		1° 1		0° 9	6° 2	4° 5	0° 666	

SCARBOROUGH.—JULY 1898.

Height above Mean Sea Level, 219 feet. Heights above Ground:—Bar., - 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 24' W. Lat. 54° 18' N. Gravity Correction, +.025 in.

1	29° 52	29° 53	60° 4	57° 0	48° 3	62° 0	7° 0	3° 4	'325	'366	62	79	NW	1	Calm	0	9	10	'021
2	'76	'68	58° 9	51° 8	48° 4	67° 3	6° 4	0° 0	'321	'385	65	100	NW	3	SW	2	9	7	'307
3	'62	29° 68	56° 9	51° 7	46° 5	60° 7	6° 6	0° 0	'292	'331	63	86	N	2	Calm	0	6	9	'049
4	29° 83	30° 00	54° 6	48° 8	46° 3	58° 3	3° 6	1° 6	'329	'305	77	88	N	7	Calm	0	9	9	—
5	30° 05	30° 00	55° 7	51° 7	45° 4	60° 6	5° 8	1° 3	'294	'349	67	91	NW	1	SW	1	9	10	'099
6	29° 98	29° 55	65° 8	62° 0	51° 3	72° 0	4° 0	3° 0	'492	'456	78	82	NW	4	W	3	7	9	—
7	29° 88	29° 52	63° 7	59° 7	58° 4	70° 2	4° 1	3° 8	'453	'397	77	78	W	4	Calm	0	8	6	—
8	30° 00	30° 07	57° 9	49° 7	49° 4	60° 0	4° 1	0° 8	'362	'336	76	94	N	7	NNW	1	7	4	—
9	'09	'14	50° 8	53° 9	48° 4	54° 4	0° 5	4° 0	'358	'311	96	75	NNW	6	N	6	10	10	—
10	'04	'16	53° 8	49° 6	48° 5	59° 3	2° 6	2° 8	'343	'287	82	81	N	2	NNW	2	9	1	—
11	30° 16	30° 06	58° 7	58° 6	48° 4	62° 0	3° 8	4° 6	'381	'360	78	73	N	2	Calm	0	6	5	—
12	29° 91	29° 72	58° 1	60° 7	51° 3	72° 9	3° 0	3° 6	'394	'418	82	80	W	1	NW	1	10	9	—
13	'62	'78	53° 7	45° 9	45° 7	61° 0	2° 8	1° 6	'336	'272	81	89	NNW	5	Calm	0	8	4	'016
14	'75	'79	58° 58	58° 7	43° 4	67° 3	5° 5	2° 3	'340	'422	69	86	WNW	1	W	1	3	4	—
15	'91	'96	60° 7	55° 7	50° 4	65° 0	7° 8	2° 2	'312	'379	59	86	Calm	0	Calm	0	2	6	—
16	'88	'87	68° 7	61° 9	52° 3	72° 7	8° 2	4° 6	'419	'409	59	75	Calm	0	W	1	5	3	—
17	'91	'78	59° 5	61° 6	51° 4	65° 0	6° 0	2° 3	'338	'470	67	86	N	2	W	2	7	10	—
18	'56	'56	65° 7	60° 3	58° 8	71° 4	3° 5	3° 9	'507	'493	81	77	W	4	W	2	9	8	'002
19	'72	'86	53° 2	46° 0	45° 0	60° 9	3° 0	1° 4	'325	'277	80	90	NNE	3	N	1	10	3	'002
20	'92	'96	56° 5	50° 2	41° 2	57° 8	5° 8	2° 8	'303	'294	67	81	N	3	Calm	0	5	4	—
21	'91	'79	58° 7	59° 3	48° 7	72° 0	5° 5	6° 6	'338	'322	70	64	Calm	0	SW	3	7	7	—
22	'66	'43	64° 3	61° 1	52° 9	68° 8	5° 9	0° 6	'410	'518	68	96	SW	2	Calm	0	8	9	'070
23	'57	'57	64° 6	50° 7	50° 3	70° 2	4° 4	2° 4	'459	'308	76	84	NW	6	NW	3	8	7	—
24	'73	'85	55° 5	57° 0	47° 5	58° 8	4° 3	6° 3	'327	'298	74	64	N	1	Calm	0	7	7	—
25	'89	'91	56° 7	55° 5	45° 1	63° 0	4° 8	3° 0	'329	'356	72	81	Calm	0	Calm	0	9	9	—
26	'92	'88	61° 7	59° 9	54° 3	66° 1	4° 4	4° 6	'412	'378	76	74	S	3	Calm	0	7	8	—
27	'88	'81	58° 7	57° 9	57° 9	65° 0	1° 4	0° 8	'449	'456	92	95	Calm	0	Calm	0	10	7	—
28	'69	29° 60	57° 8	55° 7	53° 7	66° 0	2° 6	2° 2	'401	'379	83	86	SW	1	NW	4	10	10	'619
29	29° 82	30° 00	51° 2	50° 0	49° 2	56° 1	2° 4	3° 3	'315	'279	84	78	NNW	9	N	7	10	9	'006
30	30° 01	29° 98	55° 1	50° 5	48° 1	59° 7	4° 2	2° 4	'322	'306	75	84	NNW	5	Calm	0	9	4	—
31	29° 67	29° 86	66° 5	59° 7	49° 4	71° 3	8° 0	2° 5	'388	'433	60	85	NW	3	Calm	0	7	6	—
Mean	29° 850	29° 853	58° 8	55° 3	49° 5	64° 4	4° 6	2° 8	'367	'363	74° 1	82° 8		2° 8		1° 3	7° 7	6° 9	1° 191

CRONKBORNE.—JULY 1898.

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.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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	30.01	29.89	59.3	50.5	50.5	63.3	4.2	0.5	.380	.354	75	96	W 2	Calm	0	2	—	Dull day. <i>p.</i>
2	29.89	.80	60.0	54.2	46.8	63.5	3.6	1.4	.406	.380	78	91	WNW 3	WNW 5	3	6	—	Fine and sunny. <i>p.</i>
3	29.82	29.85	56.0	50.5	49.9	62.4	4.2	2.5	.335	.304	74	83	NW 4-5	NW 5-6	6	2	—	Squally <i>p.</i>
4	30.01	30.11	61.2	50.0	47.8	64.7	6.0	2.8	.361	.291	67	81	NW 4	NW 5	3	1	—	Very fine and sunny, with <i>p.</i>
5	.16	.12	59.8	59.0	46.0	63.8	6.4	2.2	.333	.430	65	87	WSW 2-3	W 2	2	7	—	
6	.15	.09	63.2	63.0	57.0	68.2	2.6	3.0	.490	.474	85	82	WNW 3	W 4	9	10	—	Dull day.
7	.07	.10	60.9	52.4	52.0	65.3	1.9	1.1	.471	.363	89	92	NW 4-5	NNW 5	10	2	—	
8	.12	.13	56.7	52.5	49.9	64.3	2.9	1.0	.376	.368	82	93	NNW 4-5	NNW 4	5	4	—	Fine and sunny. <i>p.</i>
9	.18	.20	61.4	54.0	44.5	69.4	4.4	3.1	.406	.332	75	79	NE 2	NNW 1	0	1	—	Very fine and sunny.
10	.26	.29	64.0	57.8	52.4	71.2	7.0	2.7	.376	.398	68	83	NE 3	WNW 2	4	4	—	Fine and sunny.
11	.24	30.19	65.3	57.8	52.8	72.3	5.5	1.8	.437	.424	71	88	NW 4	WNW 3	4	10	—	Very fine and sunny.
12	30.04	29.91	63.6	55.0	55.0	65.4	4.7	2.0	.433	.375	74	87	WNW 4	NNW 5	4	10	—	Dull day.
13	29.82	.87	59.8	50.8	50.2	64.5	4.7	1.8	.374	.325	73	87	NNW 3	NNW 4	4	0	—	Fine and sunny.
14	29.68	29.94	58.1	56.5	45.1	65.9	2.9	1.5	.398	.412	81	90	WSW 3	WNW 2	9	10	—	Dull day.
15	30.00	30.04	61.8	56.1	51.4	70.3	1.0	1.0	.517	.421	94	93	NW 4	N 1	2	8	—	Very fine and sunny. [from 6p.
16	30.02	30.03	65.9	60.2	53.6	71.0	5.9	0.7	.435	.499	68	96	WNW 4-5	NW 2	1	10	.024	Very fine and sunny. showers
17	29.99	29.85	65.0	63.7	54.6	69.8	2.4	3.2	.530	.481	86	81	WNW 3	WSW 5	10	10	.016	Cloudy day. <i>p.</i> showers <i>p.</i>
18	.71	.71	63.7	57.0	57.0	64.3	3.9	0.0	.460	.465	77	100	W 4	WNW 2	8	10	.033	Cloudy day. showers <i>p.</i>
19	29.89	29.89	58.8	56.6	55.0	62.8	2.0	0.9	.434	.432	88	94	NNE 3	E 2	7	10	—	Cloudy day.
20	30.01	30.02	59.0	49.2	49.2	63.4	4.7	0.7	.362	.332	73	96	E 3	N 1	0	8	—	Very fine and sunny.
21	29.94	29.82	65.7	55.8	46.8	66.4	5.3	0.8	.450	.422	71	94	S 2	SE 1	1	8	0.128	Fine and sunny. <i>n.</i>
22	.65	.52	58.0	58.0	53.5	66.0	0.0	0.3	.482	.473	100	98	ESE 2	WNW 2	10	4	.017	Very fine and sunny. (mist) <i>a.</i>
23	.55	.72	59.7	51.2	50.4	62.5	1.9	2.2	.452	.320	89	85	W 4-5	WNW 3	9	4	.011	Very fine and sunny. 4p.-8p.
24	.84	.90	63.0	51.0	48.0	65.7	6.0	1.2	.387	.343	67	92	NW 3	NW 2	2	0	—	Very fine and sunny.
25	.94	.97	59.8	50.7	45.0	63.0	5.2	0.8	.362	.350	70	94	W 3	N 3	1	0	—	Very fine and sunny. <i>p.</i>
26	.99	.97	62.2	54.1	43.0	68.5	5.0	2.1	.403	.359	72	85	SE 2	WNW 1	3	1	—	Very fine and sunny.
27	.97	.93	63.4	58.0	49.0	70.4	3.2	1.7	.475	.430	81	89	NNW 3	WNW 1	6	8	.068	Very fine and sunny. (mist) <i>a.</i>
28	29.78	29.85	58.0	55.0	50.0	65.2	0.6	1.2	.463	.397	96	92	NW 3	NW 3	8	7	—	Squally in afternoon.
29	30.06	30.12	61.6	51.2	51.0	66.0	4.9	0.2	.395	.371	73	99	NNW 3-4	Calm	0	7	1	Very fine and sunny. <i>p.</i>
30	.11	30.04	60.7	52.1	43.0	64.2	3.3	1.7	.426	.344	80	88	NW 3	NW 2	1	6	—	Very fine and sunny.
31	30.01	29.98	59.8	57.8	52.1	67.8	1.6	1.4	.463	.436	90	91	WSW 3	NW 1	8	7	—	Very fine and sunny.
Mean	29.967	29.962	61.1	54.9	50.1	66.2	3.8	1.5	.422	.390	78.3	89.9	3.2	2.6	4.9	5.5	0.292	

STONYHURST.—JULY 1898.

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	29.80	29.65	56.5	54.4	50.5	63.2	4.6	2.4	331	356	72	84	WhyN ₁	Calm	0	10	10	0.125	Fine and sunny.
2	65	55	58.0	56.0	46.3	61.3	5.0	3.0	342	365	71	81	W 3	WhyS ₃	9	8	0.010	Fine and bright till 6p.	
3	54	58	53.0	52.1	50.0	58.6	2.2	2.9	342	314	85	80	W 4	W 3	9	7	0.040	☉ showers. Bright intervals.	
4	75	85	55.0	52.0	45.9	61.2	6.5	2.8	270	315	63	81	NNW 1	WSW 1	9	1	—	Bright and sunny.	
5	92	89	56.7	56.0	45.5	58.4	4.7	4.8	331	322	71	71	WhyS ₃	WSW 1	9	10	—		
6	91	87	59.2	59.6	55.0	64.5	1.8	2.2	445	440	89	86	WhyS ₂	SW 1	10	10	0.020	Dull and gloomy.	
7	81	83	59.0	56.1	55.5	63.3	2.0	2.6	436	377	88	83	W 3	SWbyW 2	10	9	—	Fine and bright p.	
8	85	90	62.1	57.2	47.5	68.4	6.6	4.2	359	349	65	74	Calm	NNE 1	7	0	—	Cir. from W. Bright and sunny.	
9	29.95	29.97	61.3	57.5	47.6	70.0	9.7	5.5	279	322	51	68	ENE 1	NNE 1	4	0	—	Cir. from W. Bright and sunny.	
10	30.01	30.03	59.3	56.0	46.0	69.3	7.5	3.6	301	350	59	77	NE 1	Calm	0	7	2	—	Cir. from NW. Bright and sunny.
11	30.01	29.92	64.2	58.0	52.6	67.5	4.7	2.0	443	421	74	87	swbyW 1	SW 1	9	2	—	Cir. from W. Bright and sunny.	
12	29.79	64	58.2	57.0	54.7	63.0	3.2	2.5	390	391	80	84	W 4	SWbyW 1	10	10	—	Fine day.	
13	52	63	57.0	54.7	52.9	64.6	5.7	4.1	311	318	67	75	WNW ₃	NE by N 1	9	4	—	Fine and sunny p.	
14	64	69	57.4	58.8	46.0	60.3	5.5	1.4	322	451	68	92	WhyS ₃	WSW 1	9	10	0.016	☉ 4p.-6p.	
15	78	80	61.4	56.2	52.1	67.3	5.6	4.2	374	337	69	74	WSW 3	Calm	0	4	5	—	Fine, bright, and sunny.
16	78	78	66.4	61.0	49.0	67.8	6.4	2.7	430	448	66	84	WhyS ₂	W 1	9	9	—	Fine, bright, and sunny.	
17	79	66	61.3	62.2	56.3	65.4	6.3	3.4	355	447	65	80	WhyS ₁	SWbyW 2	10	8	0.120		
18	48	46	62.0	57.5	57.3	65.3	1.2	2.0	513	414	93	87	WSW 5	WhyN ₂	10	10	0.410	☉ showers a. Bright intervals p.	
19	55	68	53.4	53.0	52.3	57.6	1.4	3.8	368	304	90	75	NE by N 1	NEby E 1	10	10	—	Dull and overcast. ☼ ⁰ (mist) p.	
20	77	78	59.0	53.9	46.0	66.3	9.0	3.6	267	319	53	77	ENE 1	Calm	0	9	—	Bright and sunny all day.	
21	75	62	62.0	56.8	52.8	68.0	6.5	2.8	360	380	65	82	SWbyW 1	Calm	0	9	0.027	Fine and warm.	
22	45	27	62.7	60.0	54.8	66.3	5.5	3.0	397	423	69	82	SE 1	N 1	10	10	0.035	☼ ⁰ (mist) ☉ shower a. ☼ p.	
23	30	43	58.0	54.2	53.8	60.0	3.7	3.3	375	330	78	78	WhyS ₃	WNW ₂	10	3	0.100	☉ 1p.-2p., then fine.	
24	58	66	58.3	52.4	45.8	62.3	4.6	2.7	356	324	73	82	swbyW 1	Calm	0	9	2	—	Fine, sunny, and bright.
25	71	73	60.5	56.6	47.4	65.7	6.5	3.6	339	357	64	77	SW 1	Calm	0	8	10	—	Fine, sunny, and bright.
26	74	73	62.0	58.8	50.3	67.0	5.8	4.6	377	362	68	73	Calm	WbyN ₁	6	9	—	☼ ⁰ (mist) a. Fine and sunny.	
27	72	69	63.4	56.1	56.1	67.0	6.4	1.8	383	398	65	88	SWbyS ₁	SWbyS ₁	9	5	0.035	Fine and sunny.	
28	55	52	58.2	56.0	51.5	61.3	1.2	3.7	448	348	92	77	SWbyS ₁	NWbyW ₂	10	7	0.180	☉ showers a. ☾ p.	
29	77	88	52.5	49.8	49.7	58.0	2.5	3.8	328	267	83	75	NNW ₃	Calm	0	9	3	—	Bright intervals.
30	88	84	58.4	53.8	45.8	63.5	7.4	3.4	292	322	59	77	SSW 1	WhyN ₁	7	2	—	Bright, sunny, and warm.	
31	29.79	29.74	61.0	59.0	45.5	63.4	5.0	2.3	383	427	72	86	WhyS ₄	WSW 1	8	10	—	Bright and warm a.	
Mean	29.727	29.718	59.3	56.2	50.4	64.1	5.0	3.2	363	364	71.8	79.9	1.9	1.0	8.4	6.6	1.178		

HILLINGTON.—JULY 1898.

Height above Mean Sea Level, 88 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 33' E. Lat. 52° 48' N. Gravity Correction, +0.21 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.					Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
							Dep. of Wet.		Vapour Tension.		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	30.09	29.95	59.8	57.8	48.6	66.5	6.1	2.0	.339	.418	66	87	W 3	W 1	6	10	.520	Fine and pleasant. 8.30p.
2	29.87	.85	60.9	56.9	54.6	69.5	4.6	3.2	.393	.370	74	80	N 3	NW 1	4	9	—	Fine and sunny. <i>p.</i>
3	.81	29.83	57.1	51.8	50.5	64.9	5.5	2.6	.317	.318	68	82	WNW5	NW 1	5	2	—	Fine and sunny, with <i>p.</i> <i>p.</i>
4	29.91	30.00	56.9	47.7	47.4	63.1	3.4	1.0	.365	.306	79	93	N 3	NNE 1	10	7	—	Fine and sunny. <i>p.</i>
5	30.17	.13	58.9	54.0	47.7	66.6	6.2	2.2	.325	.356	66	85	NE 1	N 0.5	9	10	.040	Cloudy and warm.
6	.13	.13	63.6	62.8	52.7	73.5	3.9	4.0	.456	.441	78	77	NW 5	NW 2	10	10	.020	<i>p.</i>
7	.06	.03	64.5	59.0	57.0	70.6	3.0	1.4	.500	.454	83	92	W 3	W 0.5	10	1	—	Very fine and sunny. <i>p.</i>
8	.09	.14	60.1	50.3	50.1	63.4	4.1	1.2	.394	.333	76	92	NE 3	NNE 1	5	3	—	Overcast and gloomy.
9	.17	.20	54.1	52.0	50.6	56.7	2.3	1.0	.355	.361	85	93	NNE 4	NNE 1	10	10	—	Overcast till 4p. <i>p.</i>
10	.24	.25	53.6	48.7	48.7	58.4	2.5	1.0	.343	.318	83	93	NE 2	N 0.5	10	0	—	Very fine and sunny.
11	.25	30.19	61.2	55.4	43.9	68.3	4.4	1.8	.404	.386	75	89	NNE 3	NE 0.5	4	10	—	
12	30.07	29.90	63.0	61.0	46.0	69.5	3.9	3.5	.444	.427	78	80	NW 3	W 2	10	10	—	
13	29.74	.88	55.0	49.2	49.1	62.3	2.6	2.3	.360	.293	83	84	NW 2	NNE 1	10	0	—	Fine and sunny <i>p.</i> <i>p.</i>
14	29.92	29.92	61.2	60.5	37.2	71.5	5.6	2.9	.370	.436	69	83	WNW2	WNW1	4	8	—	Very fine and sunny. <i>p.</i>
15	30.02	30.05	65.1	58.1	51.9	77.1	6.0	2.5	.421	.407	69	85	NW 0.5	SE 1	1	0	—	Very fine, sunny and warm.
16	.03	30.00	66.4	60.2	50.0	79.3	6.6	2.6	.424	.437	65	85	N 1	N 0.5	6	0	—	Cloudless from <i>sp.</i> <i>p.</i>
17	30.04	29.97	65.1	65.0	54.8	75.5	5.6	2.7	.433	.520	71	85	WNW 2	NW 0.5	2	10	—	Very fine and sunny, then overcast.
18	29.80	.73	68.5	64.6	55.0	76.4	5.8	5.0	.485	.441	70	73	WNW4	NW 1	6	10	—	
19	29.81	29.92	58.3	52.9	52.7	65.5	1.7	2.2	.434	.342	90	85	N 2	NE 0.5	10	10	—	Overcast and dreary all day.
20	30.01	30.05	58.2	45.0	45.0	65.4	6.4	1.3	.311	.268	64	90	NE 3	NE 0.5	6	0	—	Fine and sunny. <i>p.</i>
21	30.07	29.95	57.2	57.1	39.0	72.5	4.3	3.5	.346	.365	74	79	S 1	SW 1	7	10	—	Fine and sunny.
22	29.78	.58	65.0	61.6	54.1	71.6	4.4	1.0	.467	.512	76	94	S 3	SW 0.5	10	10	.040	Very dull all day.
23	.53	.67	60.0	59.3	54.3	71.5	0.9	3.5	.487	.397	95	79	W 3	NW 2	10	10	—	Cloudy and warm.
24	.85	29.89	60.9	52.5	47.1	72.5	6.3	1.9	.351	.344	65	87	NW 1	NE 3	9	0	—	Very fine and sunny.
25	29.99	30.00	61.5	55.1	45.9	69.7	5.8	1.5	.370	.389	69	90	NE 3	SE 1	7	10	—	Fine and sunny, then overcast.
26	30.04	29.98	59.7	57.4	55.0	66.0	2.3	1.7	.437	.421	86	89	SE 1	SE 0.5	10	10	—	Overcast all day.
27	29.98	.94	66.2	60.2	53.0	66.6	4.5	2.0	.483	.456	76	88	SE 0.5	SW 0.5	7	10	—	
28	.86	29.72	61.9	54.2	51.4	67.5	4.3	0.7	.416	.400	76	96	SW 2	W 2	10	10	.240	Overcast nearly all day. 2.2 Kp.
29	29.88	30.03	54.8	50.5	50.0	58.5	0.6	1.0	.412	.342	95	94	N 4	N 4	10	7	.010	Overcast all day.
30	30.13	.14	54.0	45.5	45.5	63.6	3.3	0.6	.399	.290	78	96	N 3	N 1	10	2	—	Overcast till 1p.
31	30.07	30.02	62.0	55.6	40.0	75.6	4.4	0.9	.418	.415	75	94	SE 1	SE 0.5	2	0	—	Beautiful day.
Mean	29.980	29.971	60.5	55.5	49.4	68.4	4.2	2.1	.400	.386	76.0	87.1	2.5	1.1	7.4	6.4	0.870	

ST DAVID'S PEMBROKE.—JULY 1898.

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.		Air Temperature.					Humidity.			Wind Direction and Force.		Cloud Amount.		Rain.	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.	9 a.m.	
1	ins.	ins.	59.9	57.7	52.0	63.1	2.7	0.0	4.30	4.77	SW 3	SW 2	8	10	ins.	Sunny intervals till 2 p., then ☉.
2	29.99	29.78	59.9	57.7	52.0	63.1	2.7	0.0	4.30	4.77	SW 3	SW 2	8	10	ins.	Fine and sunny.
3	29.85	29.84	56.9	53.1	50.2	62.3	4.5	2.0	3.38	3.49	NW 4	W 2	1	3	0.04	Sunny day.
4	29.95	30.05	56.1	51.1	48.2	59.9	3.9	1.9	3.44	3.27	NNE 5	NNE 1	4	1	—	Bright and sunny, but with cool wind.
5	30.13	30.12	59.8	56.1	45.2	66.1	3.1	2.1	4.17	3.90	NW 2	WNW 2	2	1	—	Sunny and warm.
6	30.14	30.13	62.8	59.0	53.0	66.0	3.9	1.9	4.43	4.39	WNW 2	WNW 1	3	9	—	Sunny and warm.
7	30.09	30.06	61.3	56.3	50.3	68.8	2.8	2.7	4.51	4.60	NW 3	NW 1	10	8	—	Sunny from 11 a.
8	30.04	30.04	57.0	54.7	53.1	62.1	3.2	2.3	3.72	3.63	NNE 5	NNE 4	4	3	—	Sunny and breezy.
9	30.07	30.09	65.0	55.3	50.2	68.0	5.1	1.3	4.44	3.99	E 1	NE 1	2	0	—	Sunny and warm.
10	30.15	30.18	61.5	54.1	51.3	67.1	3.0	2.6	4.49	3.47	NE 2	NNE 1	5	0	—	Fine, sunny, and warm.
11	30.20	30.13	67.2	60.0	51.2	70.2	7.1	4.4	4.25	3.85	63	74	7	6	—	Sunny and warm. ☁ (mist).
12	30.06	29.91	59.0	58.7	55.2	63.3	1.9	1.8	4.39	4.38	89	88	10	7	—	Sunny and warm p.
13	29.79	29.85	60.0	53.8	53.0	64.0	3.9	1.3	3.98	3.78	77	91	7	0	—	Sunny day.
14	29.88	29.90	62.9	61.5	49.3	67.6	4.8	1.4	4.18	4.52	73	92	8	10	—	
15	29.95	29.97	66.0	60.0	58.6	73.1	2.9	1.9	5.33	4.52	84	87	8	5	—	
16	29.97	30.01	67.1	59.0	56.7	70.1	3.6	2.4	5.31	4.24	80	86	1	2	—	☁ early a. Sunny and very warm.
17	30.02	29.93	65.8	61.0	56.2	71.5	4.3	1.7	4.83	4.80	77	90	3	3	—	Sunny and warm.
18	29.80	29.73	64.2	58.0	57.3	68.8	1.3	0.9	5.54	4.54	92	94	10	5	—	Sunny p.
19	29.74	29.78	62.8	57.8	56.2	67.6	3.7	1.8	4.49	4.24	79	88	7	9	—	Sunny day.
20	29.86	29.93	60.2	54.7	54.1	67.1	4.3	1.6	3.90	3.79	75	89	8	8	—	Sunny and warm. R 3 p.
21	29.89	29.72	59.2	59.8	53.0	64.9	2.4	0.7	4.28	4.92	86	96	10	10	3.45	R 4 a. ☉ from noon.
22	29.54	29.48	60.5	59.4	53.3	64.1	0.4	0.3	5.14	4.98	88	99	10	8	1.20	☉ early a. Sunny p.
23	29.61	29.68	61.0	57.4	56.1	63.2	1.7	1.4	4.80	4.27	90	90	10	9	0.02	Sunny intervals a.
24	29.78	29.82	60.6	55.1	50.5	64.0	3.0	2.1	4.33	3.74	83	86	10	10	—	Sunny and warm.
25	29.87	29.88	60.0	58.3	54.1	68.1	3.6	2.3	4.06	4.17	78	85	10	9	—	R 4 p.
26	29.88	29.87	64.0	62.0	56.9	69.1	4.6	0.9	4.43	5.24	74	95	10	10	—	Sunny intervals p.
27	29.91	29.89	61.1	57.0	56.1	67.8	2.4	3.0	4.60	3.77	85	81	10	10	0.30	Fine and sunny. D p.
28	29.77	29.84	59.6	56.7	56.0	63.3	0.6	3.9	4.91	3.51	96	76	10	1	—	Sunny from 10 a.
29	29.96	30.04	57.8	53.0	52.1	61.0	3.4	1.3	3.80	3.66	79	91	10	0	—	Sunny from 10 a.
30	30.07	30.03	62.4	54.0	45.0	67.0	5.1	1.7	4.02	3.68	72	88	4	0	—	Sunny and warm. D p.
31	30.01	29.98	62.3	60.4	50.2	67.2	3.9	1.8	4.35	4.66	77	90	3	10	—	D a. Sunny and warm.
Mean	29.932	29.920	61.3	57.3	52.9	66.2	3.4	1.8	4.37	4.17	80.5	88.3	2.7	1.8	0.953	

WOOLACOMBE.—JULY 1898.

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	30.16	29.99	60.2	59.2	53.6	62.8	3.4	0.7	4.15	4.80	80	96	SW 3	SW 4	5	10	2.30	Sea ☁ in afternoon.
2	30.06	30.04	57.4	56.8	54.0	61.0	2.6	2.8	3.96	3.81	84	82	NW 3	W 3	8	5	—	
3	30.01	29.99	57.0	55.0	54.6	59.6	6.0	3.6	3.05	3.34	65	77	NW 2	NW 3	1	4	—	
4	30.08	30.19	56.8	56.2	50.0	61.8	5.8	3.8	3.07	3.46	66	76	NW 2	NE 1	1	0	—	D. Fine all day.
5	29.77	29.99	60.2	57.2	50.4	62.2	5.2	1.0	3.66	4.37	70	93	N 1	W 1	2	2	—	Fine all day.
6	30.09	29.91	61.2	59.2	52.4	64.0	2.7	0.9	4.53	4.73	84	95	SW 1	W 1	1	8	—	
7	30.26	30.20	61.6	59.4	55.6	64.4	2.7	0.9	4.59	4.77	84	95	W 3	W 2	9	7	—	D. Visibility.
8	30.17	30.18	58.8	57.2	56.6	65.2	3.4	2.0	3.94	4.09	79	87	NW 3	Calm 0	2	0	—	Fine all day.
9	30.21	30.22	64.8	58.0	54.2	69.6	4.5	2.2	4.61	4.15	76	86	W 1	E 1	1	2	—	∞. Fine all day.
10	30.29	30.30	64.4	56.2	52.4	67.6	7.3	2.6	3.75	3.77	61	84	E 2	E 2	1	1	—	∞. Fine all day.
11	30.34	30.28	64.4	59.6	53.4	67.6	4.9	2.8	4.41	4.22	73	83	NW 3	SE 1	4	1	—	∞. Fine all day.
12	30.19	30.07	60.4	61.4	56.8	62.4	2.3	1.5	4.47	4.92	87	91	NW 2	W 3	10	9	—	Visibility p.
13	29.94	29.99	58.8	57.8	54.2	64.0	3.0	2.6	4.04	4.01	82	83	NW 3	Calm 0	10	0	—	
14	30.05	30.08	61.8	61.2	52.0	64.8	2.5	1.3	4.69	4.94	85	92	W 2	Calm 0	9	8	—	Sea ☁ p.
15	30.12	30.12	63.8	60.8	59.2	65.0	1.7	0.3	5.29	5.22	90	98	W 2	NW 1	9	10	—	Sea ☁ p.
16	30.11	30.15	59.8	62.2	58.0	68.4	0.9	3.9	4.83	4.31	94	78	NW 1	E 1	8	2	—	☁ a.
17	30.17	30.11	64.2	61.0	56.4	66.4	3.5	1.1	4.79	4.96	80	93	NW 2	W 2	1	1	—	∞. Fine all day.
18	30.00	29.90	64.6	61.8	59.4	65.8	1.9	1.5	5.41	5.00	89	91	W 3	SW 3	9	8	—	Sea ☁ in afternoon.
19	29.91	29.92	62.2	57.4	56.8	65.4	3.3	2.2	4.49	4.07	81	86	W 3	NE 1	5	4	—	Ground sea.
20	29.98	30.09	59.8	57.2	54.2	67.4	4.6	3.2	3.77	3.74	73	80	E 4	SE 1	8	2	—	Ground sea.
21	30.04	29.91	63.4	59.6	54.0	68.4	8.0	3.2	3.43	4.12	59	80	SE 4	SE 4	7	10	1.40	Ground sea.
22	29.73	29.65	60.8	61.2	57.6	69.0	1.7	1.1	4.75	5.00	90	94	S 2	W 2	10	7	4.40	R 10 a-3 p. Ground sea.
23	29.79	29.84	61.0	61.8	58.8	64.2	3.3	0.9	4.28	5.20	81	94	NW 4	SW 3	4	10	—	
24	29.93	29.97	62.6	57.8	55.8	67.8	5.1	2.0	4.03	4.18	72	87	NE 3	NE 1	2	5	—	
25	30.01	30.06	65.0	62.0	57.8	68.4	4.9	2.9	4.51	4.61	74	83	W 2	N 1	10	8	—	
26	30.05	30.02	65.8	59.8	59.6	70.2	5.5	1.7	4.44	4.59	71	90	W 2	SE 1	8	2	—	Visibility p.
27	30.05	30.04	65.2	64.0	57.4	68.6	3.1	6.9	5.07	3.77	83	63	Calm 0	N 2	2	2	—	Fine all day.
28	29.93	29.97	63.4	59.8	56.0	64.2	2.7	6.2	4.87	3.38	84	65	W 2	NW 4	10	3	—	
29	30.07	30.18	60.8	59.0	56.2	65.2	5.0	5.2	3.79	3.51	72	70	NW 4	N 2	3	1	—	
30	30.22	30.19	61.4	56.8	49.6	65.0	4.0	2.8	3.49	3.49	51	75	E 1	E 1	1	0	—	Fine all day.
31	30.18	30.15	61.6	59.6	51.8	66.2	3.7	2.8	4.28	4.22	79	83	W 2	W 2	4	1	—	Fine all day.
Mean	30.085	30.076	61.7	59.2	55.1	65.6	4.0	2.5	4.25	4.28	77.4	84.8	2.3	1.7	5.3	4.3	0.810	

SOUTHAMPTON.—JULY 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	67.6	59.4	52.2	71.2	8.6	0.6	in.	in.	%	%	WNW 2	SW 4	6	10	ins.	
2	30.18	30.04	67.6	59.4	52.2	71.2	8.6	0.6	.391	.487	58	97	N 3	NW 3	10	2	.048	
3	29.96	30.00	61.7	58.4	58.0	75.5	3.4	6.2	.440	.319	80	65	NW 3.5	WNW 2.5	2	5	—	
4	29.97	29.95	64.9	57.7	48.8	71.9	10.1	5.6	.318	.323	51	68	N 4	Calm 0	5	0	—	
5	30.02	30.15	62.1	58.1	47.0	69.1	7.4	3.8	.339	.374	61	77	N 4	Calm 0	5	0	—	
6	29.23	29.24	66.3	61.8	50.5	74.7	7.5	4.9	.398	.398	62	73	NNW 3	NW 3	2	7	—	
7	29.25	29.24	65.3	63.2	56.1	77.6	5.6	4.4	.434	.435	71	75	NW 3	NW 1	10	5	—	
8	29.19	29.13	61.8	63.5	55.2	78.7	8.4	4.1	.468	.449	60	76	NW 2.5	NW 2	7	3	—	
9	29.22	29.17	68.5	60.5	53.9	75.6	8.9	2.4	.398	.449	56	86	N 3.5	SSE 1	0	0	—	
10	29.28	29.22	64.7	58.9	50.9	72.1	7.1	3.6	.385	.389	62	78	NE 2	NNE 0.5	0	0	—	
11	30.20	30.30	54.9	53.9	50.9	61.5	2.9	2.0	.350	.359	81	87	N 3	N 0.1	10	0	—	
12	30.14	30.01	59.4	61.1	46.0	72.3	4.9	3.0	.363	.441	72	82	NNE 4	SW 1.5	10	2	—	
13	29.93	29.93	59.8	59.7	56.7	71.1	3.8	5.2	.397	.360	77	70	NW 3	NW 2	5	10	—	
14	30.03	30.04	67.4	63.7	47.3	78.7	7.5	5.9	.417	.401	62	68	SW 3	WNW 1.5	5	0	.022	
15	29.09	29.09	71.6	65.9	53.6	80.7	6.0	3.9	.539	.497	69	78	W 2.5	SW 1.5	10	1	—	
16	29.07	29.06	71.8	69.0	57.0	84.6	7.5	6.9	.495	.460	63	64	N 2	NW 2	9	1	—	
17	30.13	30.07	75.1	64.7	56.3	81.5	10.1	2.3	.478	.528	55	86	WNW 2	SW 0.1	2	0	—	
18	29.99	29.88	69.0	67.4	55.1	81.1	5.0	3.5	.517	.540	73	81	WSW 1.5	WNW 1.5	3	9	.007	
19	29.88	29.89	65.7	64.7	59.3	77.7	3.1	3.2	.484	.499	82	82	WSW 2	W 1	10	10	—	
20	29.99	30.10	58.7	57.2	50.1	67.0	3.7	2.1	.384	.406	77	87	ENE 3.5	SE 1	10	1	—	
21	30.09	29.95	58.8	61.5	49.0	67.1	4.0	4.0	.393	.419	77	77	SE 3	SE 3	10	10	—	
22	29.80	29.66	63.9	60.6	60.0	66.2	2.2	1.6	.517	.476	87	90	SW 3.5	SW 4.5	10	9	.152	
23	29.71	29.80	66.2	62.6	57.9	72.3	4.0	1.2	.500	.526	76	92	W 4	SW 2	9	10	—	
24	29.92	29.95	66.4	64.7	56.0	74.1	6.5	2.2	.427	.532	66	87	NW 1	SW 0.5	3	9	—	
25	30.00	30.02	65.9	65.2	59.4	71.1	5.1	2.1	.460	.545	72	88	NE 1	SW 1	10	10	—	
26	29.05	30.00	63.7	61.7	58.7	75.4	1.7	1.8	.529	.490	90	89	SW 1	SW 1.5	10	2	—	
27	30.00	29.99	71.1	63.8	53.7	79.4	5.3	0.4	.552	.577	72	97	E 2	S 0.5	2	10	.192	
28	29.92	29.86	64.8	55.8	55.7	74.3	3.4	0.9	.494	.420	81	94	NW 1	NW 0.5	10	1	.153	
29	29.97	30.15	58.2	55.5	51.1	64.5	2.5	3.9	.410	.335	84	76	NW 4	N 3	10	10	—	
30	30.19	30.18	60.3	56.4	43.1	69.9	6.4	3.4	.339	.359	65	79	NNE 3	SW 1	2	0	—	
31	30.17	30.10	69.1	61.0	47.6	78.6	8.3	5.5	.423	.371	59	70	W 1.5	WNW 1.5	0	0	—	
Mean	30.055	30.045	65.3	61.3	53.4	73.9	5.7	3.3	.436	.439	70.0	80.7	2.6	1.6	6.6	4.6	0.579	Delightfully fine and very warm.

LONDONDERRY.—JULY 1898.

Height above Mean Sea Level, 67 feet. Heights above Ground:—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 7° 19' W. Lat. 55° 0' N. Gravity Correction, +0.27 in.

Day.	Barometer at 32° Fahr.		Air Temperature.					Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	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.	9 a.m.	9 p.m.	
1	ins.	ins.	61.6	55.7	51.0	63.6	2.9	3.0	in.	in.	%	%	SW	1	SW	2	ins.
2	29.92	29.86	59.7	52.7	47.0	62.1	7.0	4.1	3.17	2.94	63	74	SW	4	W	4	● showers a.
3	29.92	30.02	54.5	50.4	47.0	60.0	4.0	3.4	3.18	2.82	75	78	NW	5	NW	3	
4	30.14	30.20	59.7	52.7	44.4	62.3	8.2	3.7	2.92	3.02	57	76	NW	3	NW	1	
5	30.20	30.21	57.7	57.7	44.1	65.2	5.0	1.7	3.38	4.25	71	89	SW	3	WSW	2	
6	30.18	30.14	65.4	59.7	55.6	70.0	5.7	1.5	4.33	4.64	70	91	WSW	4	SW	5	
7	30.16	30.23	60.3	54.0	52.0	62.0	3.0	2.3	4.28	3.52	82	84	W	3	NW	2	
8	30.26	30.26	59.7	53.0	50.2	70.0	6.0	2.0	3.41	3.47	67	86	NW	2	NW	1	
9	30.27	30.30	65.5	57.5	46.0	76.0	8.0	2.8	3.74	3.92	59	82	NW	1	Calm	0	
10	30.34	30.38	64.7	59.7	48.6	76.0	5.0	3.0	4.43	4.19	73	82	Calm	0	NE	1	Fine all day.
11	30.35	30.28	63.0	57.7	52.8	65.0	4.3	2.0	4.34	4.17	76	87	NW	2	NW	1	
12	30.09	30.02	60.3	55.9	55.0	63.0	2.4	3.6	4.46	3.49	85	78	SW	2	W	4	
13	29.93	29.98	58.5	56.0	53.3	64.8	3.8	6.3	3.78	2.89	77	64	NW	4	NW	2	
14	29.93	30.02	59.7	55.7	52.2	68.0	2.0	3.0	4.49	3.61	88	81	NW	2	NW	1	
15	30.06	30.10	61.0	59.7	48.0	68.8	4.3	2.0	4.02	4.49	76	88	W	1	SW	1	
16	30.06	30.10	61.9	59.7	52.4	65.7	3.2	2.0	4.50	4.49	81	88	SW	3	NW	3	● showers during day.
17	30.02	29.82	60.7	62.7	57.0	68.0	1.0	1.5	4.97	5.17	94	91	SW	4	SW	5	● during morning.
18	29.73	29.76	58.7	56.7	55.8	63.0	3.0	1.2	4.04	4.24	81	93	SW	2	WSW	3	● showers during day.
19	29.76	29.97	56.7	52.7	52.0	68.0	2.0	2.0	4.01	3.44	87	93	SE	1	E	1	
20	30.05	30.03	61.7	56.7	44.4	74.0	5.2	2.0	3.89	4.01	71	87	W	1	Calm	0	
21	29.93	29.80	66.3	62.7	54.5	78.5	5.6	3.0	4.52	4.69	71	82	W	1	SW	1	
22	30.06	30.03	63.7	59.2	57.6	68.0	2.5	2.2	5.03	4.33	85	87	Calm	0	NW	1	● in past n.
23	30.04	30.04	57.2	54.0	53.2	61.0	1.8	3.5	4.15	3.22	88	77	WNW	5	NW	2	
24	29.93	29.98	56.7	52.7	50.5	61.8	6.0	3.0	3.02	3.20	66	80	NE	1	Calm	0	
25	30.02	30.04	60.5	52.7	44.8	66.8	6.0	3.0	3.52	3.20	67	80	NE	1	NE	1	
26	30.06	30.06	62.4	57.7	47.6	70.5	7.2	3.0	3.48	3.90	62	81	NE	1	NE	1	
27	30.07	30.07	59.4	59.7	50.6	66.2	3.7	3.0	3.95	4.19	78	82	WSW	2	S	1	
28	30.07	30.07	55.7	53.7	52.4	60.2	3.5	5.0	3.48	2.85	78	69	W	3	N	4	● showers a. and p.
29	30.21	30.23	53.7	51.2	50.0	62.0	5.0	3.5	2.85	2.90	69	77	NW	2	Calm	0	
30	30.17	30.09	59.5	57.7	44.2	74.4	5.4	3.0	3.52	3.90	69	81	W	1	NW	1	
31	30.00	30.04	61.7	58.7	53.2	66.2	2.0	2.5	4.83	4.17	88	84	SW	2	SW	2	
Mean	30.038	30.045	60.3	56.3	50.6	66.8	4.3	2.8	3.94	3.77	75.4	82.2	2.2	1.8	8.6	6.7	0.610

ARMAGH.—JULY 1898.

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.

1	29.93	29.84	58.4	52.3	49.7	60.4	6.2	1.8	3.19	3.44	65	89	SW	1	Calm	0	
2	29.82	29.77	59.9	50.6	46.0	63.7	6.8	2.9	3.24	2.96	63	80	WSW	1	WNW	0.5	
3	29.78	29.88	56.6	49.4	46.6	64.0	5.4	3.5	3.14	2.70	68	76	W	0.5	NW	0.5	
4	29.99	30.08	59.0	47.6	38.4	63.2	7.8	1.9	2.91	2.84	58	87	N	0.5	NbyE	0.5	
5	30.09	30.09	60.4	57.9	38.4	63.2	6.6	1.8	3.35	4.25	63	89	SWbyW	1	SW	0.5	
6	30.08	30.05	62.2	60.9	54.8	67.3	1.1	2.0	5.21	4.69	94	88	SW	1	WSW	1	
7	30.04	30.09	61.1	52.6	50.3	65.2	0.5	1.6	5.21	3.53	97	89	WNW	0.5	NbyW	0.5	
8	30.10	30.11	62.1	50.3	45.4	67.0	6.4	1.4	3.64	3.99	66	90	N	0.5	NNE	0.5	
9	30.12	30.17	64.6	55.9	42.2	71.8	5.4	1.5	4.29	4.04	71	91	NE	0.5	NE by N	0.5	
10	30.21	30.24	63.9	56.8	44.5	72.6	4.7	1.6	4.38	4.14	73	89	N	0.5	NE by N	0.5	
11	30.20	30.14	67.3	58.1	47.7	72.0	6.1	2.4	4.55	4.12	68	84	W	0.5	NNW	0.5	
12	29.98	29.89	65.6	56.7	53.6	67.0	5.9	3.7	4.31	3.55	70	77	W	1	WNW	1	
13	29.78	29.85	61.1	50.5	48.4	68.3	4.5	2.3	3.98	3.09	74	84	NNW	0.5	NW by N	0.5	
14	29.81	29.89	59.8	56.3	45.0	67.9	1.2	1.2	4.76	4.18	93	92	SSW	1	WSW	0.5	
15	29.94	29.97	64.2	59.2	45.1	70.2	5.4	1.3	4.23	4.61	70	92	WSW	0.5	Calm	0	
16	29.95	29.98	65.6	60.9	50.6	70.9	5.9	2.2	4.31	4.62	70	87	WSW	1	WSW	0.5	
17	29.93	29.74	61.6	58.1	56.1	69.8	2.5	6.1	4.65	3.17	85	65	SW	1	SWbyS	1	
18	29.64	29.66	58.9	55.7	53.8	61.8	1.5	0.5	4.49	4.29	91	96	WSW	1	W	0.5	
19	29.75	29.84	58.8	52.9	50.8	62.9	3.6	0.5	3.89	3.87	78	97	Calm	0	ESE	0.5	
20	29.92	29.92	61.0	55.6	42.6	61.0	2.2	0.8	4.64	4.20	87	95	ESE	0.5	SE by S	1	
21	29.82	29.69	66.7	59.5	51.1	70.0	1.3	0.3	6.05	4.99	92	98	S	0.5	S	1	
22	29.52	29.49	60.3	60.1	54.3	67.0	0.4	0.3	5.10	5.09	97	98	ESE	0.5	NNE	0.5	
23	29.50	29.71	59.6	52.6	50.4	65.3	0.8	0.5	4.85	3.83	95	97	SW	1	N	0.5	
24	29.80	29.85	56.5	53.7	45.6	60.7	1.3	0.6	4.18	3.96	91	96	NbyW	0.5	NNE	0.5	
25	29.89	29.89	58.9	56.3	48.1	64.3	1.3	0.4	4.56	4.42	92	97	ENE	0.5	S	0.5	
26	29.91	29.91	61.0	58.0	47.0	67.0	4.0	0.4	4.10	4.70	77	97	SSE	0.5	NNE	0.5	
27	29.93	29.86	63.4	59.2	45.2	66.6	0.9	3.0	5.60	4.11	94	82	N	0.5	WSW	1	
28	29.78	29.91	58.1	53.1	53.1	63.8	4.3	4.0	3.61	3.00	74	74	NW	1	NNW	1	
29	30.05	30.09	54.1	47.0	46.0	63.8	4.3	1.2	3.05	2.93	73	92	N	1	Calm	0	
30	30.04	29.97	59.2	57.3	38.8	69.0	5.5	4.1	3.45	3.53	69	75	SW	0.5	SW	0.5	
31	29.92	29.92	58.8	59.9	50.7	65.6	1.7	2.5	4.42	4.36	90	85	SW	2	W	0.5	
Mean	29.910	29.919	60.9	55.3	47.8	66.2	3.7	1.9	4.24	3.89	79.0	88.0	0.7	0.6	7.8	6.3	0.560

MARKREE CASTLE.—JULY 1898.

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, +0.24 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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.	%	%	SW	0.5	SW	0.5	ins.	Overcast all day.
2	29.98	29.92	57.3	54.0	51.1	58.6	5.3	2.0	.324	.360	69	86	SW	0.5	SW	0.5	.020	
3	.91	.87	59.0	52.0	46.3	62.7	6.0	3.1	.330	.308	66	79	W	2	NW	2	—	
4	29.89	29.95	56.0	50.0	49.3	60.0	5.7	3.0	.302	.286	67	80	N	2	NNW	1	9	
5	30.08	30.15	57.9	49.1	36.8	61.5	6.9	1.8	.297	.304	61	87	N	1	N	0.5	8	
6	.16	.17	61.2	58.9	36.5	65.0	5.9	1.9	.364	.437	68	88	N	1	Calm	0	6	
7	.18	.14	61.6	61.0	55.8	68.5	1.8	2.7	.488	.448	89	84	SW	1	SSW	1	10	
8	.13	.16	59.8	55.2	54.9	64.7	1.8	1.2	.456	.401	89	92	WNW	0.5	N	1	10	
9	.19	.16	57.4	54.0	52.5	62.8	2.8	1.7	.390	.368	83	88	NNW	1	N	0.5	10	
10	.18	.21	65.4	58.0	43.8	69.3	6.9	2.0	.401	.421	65	87	NNE	0.5	N	0.5	8	
11	.27	.30	68.4	60.0	45.7	71.5	7.1	2.8	.445	.429	63	83	N	0.5	N	0.5	7	
12	.30	30.23	60.0	57.7	53.8	62.8	2.5	1.7	.438	.425	85	89	NNW	1	NW	0.5	8	
13	30.08	29.99	62.0	56.8	54.9	62.7	4.0	2.8	.427	.380	77	82	NW	1	NW	2	10	
14	29.88	.93	58.3	53.9	33.5	61.3	1.3	2.9	.446	.335	91	81	NNW	1	N	0.5	10	
15	29.89	29.97	59.8	55.0	53.0	62.5	0.8	1.7	.488	.383	95	89	NW	1	Calm	0	9	
16	30.00	30.05	61.1	55.5	44.5	67.6	3.5	0.6	.426	.424	79	96	N	0.5	Calm	0	9	
17	.04	30.07	64.9	60.4	42.3	67.5	4.9	1.4	.448	.479	73	92	W	2	W	0.5	10	
18	30.01	29.81	62.4	63.0	59.7	70.5	2.4	1.0	.482	.540	86	94	NW	2	SSW	2	10	
19	29.72	.74	59.0	56.1	55.8	63.4	3.0	2.1	.407	.390	82	86	WNW	2	SW	0.5	10	
20	.80	.87	57.2	53.4	53.3	64.7	2.0	0.9	.409	.383	87	94	Calm	0	Calm	0	10	
21	.95	.94	63.0	59.0	47.3	69.7	4.9	4.8	.417	.359	73	72	NNE	0.5	S	1	7	
22	.85	.71	65.3	59.0	55.4	69.6	4.5	0.3	.468	.490	75	98	S	2	Calm	0	8	
23	.57	.58	62.9	56.4	56.4	66.2	1.9	1.4	.507	.413	89	91	Calm	0	NW	1	10	
24	.61	.78	59.0	52.0	51.6	60.6	1.0	1.9	.467	.338	94	87	NNW	2	Calm	0	9	
25	.87	.90	56.0	52.1	49.7	63.3	5.0	1.1	.317	.360	70	92	NE	0.5	Calm	0	10	
26	.94	.94	59.2	54.0	48.1	67.5	6.2	1.7	.328	.368	65	88	N	0.5	Calm	0	9	
27	29.96	.98	59.0	58.5	51.9	65.8	1.9	1.6	.439	.441	89	89	Calm	0	N	0.5	10	
28	30.00	29.91	61.1	57.4	52.4	64.5	3.3	0.4	.432	.459	80	97	NNE	0.5	Calm	0	9	
29	29.89	30.05	57.4	53.0	52.6	60.8	3.4	4.6	.373	.286	79	71	WNW	3	W	2	10	
30	30.14	.15	55.6	48.7	48.4	61.8	5.6	1.1	.298	.317	67	92	N	2	Calm	0	8	
31	30.10	.04	59.1	55.0	35.5	70.6	4.2	2.7	.376	.357	75	83	S	1	Calm	0	7	
32	29.98	30.00	61.5	58.3	51.0	65.7	0.9	0.5	.515	.471	95	97	WNW	0.5	Calm	0	10	
Mean	29.985	29.988	60.3	55.7	49.8	65.0	3.8	1.9	.410	.392	78.3	87.5	1.1		0.6	9.0	8.5	1.450

PARSONSTOWN.—JULY 1898.

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.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	58.3	53.4	41.7	58.6	4.5	1.6	358	364	73	90	SW	1	10	4	ins.	☉ during day.
2	29.98	29.89	58.8	52.8	45.6	61.7	4.3	2.8	370	325	75	81	W	2	6	4	—	Fine and sunny.
3	29.90	29.92	55.7	52.2	45.6	62.6	4.9	2.5	315	326	70	83	NW	1	9	4	—	Fine and sunny.
4	30.04	30.14	55.6	53.2	38.7	63.8	5.6	2.0	298	349	67	86	NE	1	2	0	—	Fine and sunny.
5	16	17	60.5	56.6	41.2	65.7	6.1	2.6	349	383	66	83	NW	1	0	1	—	Fine and sunny.
6	18	17	61.5	60.9	49.8	65.4	2.4	2.0	466	469	86	88	W	1	9	10	—	☉ showers.
7	13	13	64.7	59.8	58.6	69.3	3.9	0.9	476	486	78	94	W	1	7	9	—	Dull, with ☉.
8	14	11	57.4	60.5	53.5	69.7	2.7	2.3	393	452	83	86	N	1	10	0	—	Fine and sunny.
9	14	15	61.7	62.6	46.8	73.9	5.1	2.6	391	479	71	84	N	1	10	0	—	Fine and sunny.
10	23	25	67.5	65.5	49.6	74.8	6.7	3.4	441	506	65	81	N	1	0	0	—	Fine and bright.
11	27	30.21	68.8	60.6	51.6	75.8	5.2	2.7	509	442	72	84	Calm	0	0	0	—	Fine and bright.
12	30.11	29.98	63.0	58.8	55.7	67.5	4.5	2.1	429	431	75	87	W	1	4	10	—	Fine day.
13	29.85	29.90	60.7	56.0	52.8	68.8	2.1	2.4	462	381	88	85	W	2	8	7	—	Fine and sunny.
14	29.89	29.94	61.7	51.4	51.4	68.0	2.2	1.6	477	487	87	91	W	1	10	9	—	☉ (mist).
15	30.00	30.02	58.0	60.8	56.7	71.5	1.6	2.5	433	452	89	83	S	1	10	9	—	Fine and sunny.
16	30.04	30.08	63.3	60.6	53.0	70.9	3.7	2.0	458	464	78	88	Calm	0	7	8	—	Fine day.
17	30.04	29.95	65.0	63.2	55.2	69.4	5.2	2.2	441	593	72	87	W	2	9	10	0.19	Fine day.
18	29.76	29.76	64.7	57.7	57.0	65.7	5.3	1.8	434	423	71	88	W	2	9	10	—	Fine day.
19	77	83	58.7	58.5	55.4	62.4	3.0	1.6	404	441	81	89	Calm	0	10	10	—	☉ showers.
20	90	94	64.7	60.9	54.5	70.8	5.2	4.1	437	406	72	77	E	1	6	10	—	☉ showers.
21	85	68	64.0	60.0	53.7	65.9	4.0	1.0	461	485	77	94	SE	1	8	10	1.39	☉ showers.
22	52	58	63.4	58.9	58.6	65.9	1.9	1.9	517	437	89	88	Calm	0	10	10	1.84	☉ showers.
23	60	76	61.6	56.8	51.9	68.6	1.8	3.0	488	375	89	81	WSW	1	10	10	—	☉ showers.
24	83	87	56.3	57.7	51.1	61.4	4.0	0.2	344	471	75	99	SE	1	10	10	—	☉ showers.
25	90	91	58.5	60.0	55.1	64.6	0.8	1.4	465	472	95	92	SE	1	10	10	—	☉ showers.
26	91	93	61.6	59.1	56.0	63.6	4.4	1.1	409	466	75	93	Calm	0	10	10	—	☉ showers.
27	98	29.92	63.6	59.6	54.5	64.8	6.1	1.9	394	450	68	88	NW	1	10	10	1.10	☉ showers.
28	29.85	30.00	58.9	52.8	52.4	63.5	3.3	3.1	398	319	80	79	NW	2	10	7	—	☉ showers.
29	30.09	30.10	53.9	52.5	48.6	64.4	4.2	1.9	395	344	73	87	NW	1	10	2	—	☉ showers.
30	09	06	59.9	55.1	40.1	69.6	5.4	1.4	372	394	70	90	Calm	0	2	0	—	☉ showers.
31	30.02	30.00	60.7	60.5	46.9	61.3	3.2	2.0	444	462	81	88	W	1	10	10	0.27	☉ showers.
Mean	29.971	29.974	61.1	58.3	51.1	66.8	4.0	2.1	416	427	77.1	87.0	1.0	0.7	7.3	6.7	1.106	

DEERNESS.—AUGUST 1898.

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°54	29°42	56°7	56°0	52°2	58°8	1°7	0°8	*409	*425	89	94	WSW 6	WSW 6	10	10	*485	Dull a. ☉ from 1p.
2	35	29	56°8	54°2	52°8	60°8	1°8	2°6	*408	*348	88	83	WSW 4	SW 2	10	8	—	☉ showers.
3	27	34	55°7	51°0	50°3	58°8	3°2	1°4	*356	*338	80	90	SW 5	W 2	6	2	*130	☉ showers.
4	43	56	53°7	48°1	47°6	58°8	3°1	1°3	*329	*303	80	91	W 3	WNW 2	6	1	*065	☉ showers.
5	44	30	51°5	50°0	47°8	53°8	2°3	1°0	*321	*334	84	93	SSE 1	Calm 0	10	10	*095	Fine day.
6	42	54	51°9	48°2	47°7	57°0	2°3	1°4	*326	*302	85	91	WNW 3	Calm 0	3	1	—	Fine day.
7	55	57	53°0	50°8	46°2	56°1	2°6	0°8	*332	*351	82	94	SE 2	ESE 2	9	5	*100	Fine day.
8	62	73	54°0	50°8	49°2	59°0	1°3	1°6	*380	*330	91	88	SSE 2	W 3	8	8	—	Fine day.
9	79	82	51°0	47°2	46°2	59°0	4°8	1°5	*259	*289	69	90	WNW 5	NW 1	9	2	*130	☉ 6a.-4p.
10	48	64	51°0	53°7	45°2	56°6	1°7	1°0	*331	*384	88	93	ESE 7	W 6	10	10	*330	Dull all day.
11	77	64	53°0	55°8	48°0	56°0	1°0	0°6	*374	*428	93	95	ESE 3	SE 3	10	3	—	☉ 11p.-midt.
12	65	49	58°0	57°0	47°8	60°0	3°8	0°8	*372	*440	77	94	S 4	SSE 6	4	10	*130	☉ Very fine day.
13	58	68	60°8	56°0	54°0	63°6	2°6	2°0	*448	*391	84	87	S 3	S 1	0	0	—	☉ Very fine day.
14	75	76	59°5	55°7	50°4	65°0	2°8	1°7	*426	*395	83	89	SSE 1	WNW 1	5	3	—	☉ Very fine day.
15	90	92	59°2	53°4	50°0	59°8	3°4	0°7	*400	*388	80	95	SSE 1	SE 1	1	0	—	☉ Very fine day.
16	29°91	29°95	55°4	52°2	51°2	58°8	6°1	0°6	*285	*374	65	96	SE 2	ESE 1	9	0	—	☉ Very fine day.
17	30°02	30°02	58°0	53°6	48°2	58°8	3°8	2°0	*372	*355	77	86	SE 1	SSE 2	0	0	—	☉ Very fine day.
18	03	07	54°8	51°5	51°2	62°8	0°6	0°5	*412	*367	95	96	SSW 1	NE 1	4	1	—	☉ till 9a. Very fine.
19	11	30°07	54°0	53°8	51°5	58°5	0°7	0°3	*397	*407	95	98	ENE 2	ESE 1	10	1	—	☉ Very fine day.
20	30°03	29°98	57°2	55°0	52°0	58°6	1°5	0°7	*423	*412	90	95	SE by E 3	SE 3	5	10	—	☉ Very fine day.
21	29°91	29°85	55°0	55°0	53°7	58°8	0°0	0°2	*433	*427	100	99	SSE 4	SSE 1	10	7	—	☉ till 11a., then fine.
22	70	47	55°0	59°5	53°4	59°6	0°0	1°5	*433	*460	100	91	SSE 3	SSW 1	10	10	*055	☉ till 11a., then fine.
23	63	70	56°4	54°0	52°0	59°8	4°2	4°8	*340	*292	74	70	WSW 4	SW 3	2	9	—	☉ till 11a., then fine.
24	78	96	53°7	51°4	49°0	57°0	4°4	3°9	*298	*284	72	75	W 7	WNW 2	7	10	—	☉ till 11a., then fine.
25	94	75	54°9	53°8	47°6	55°8	3°7	1°6	*331	*369	76	88	SW 2	SSE 3	9	9	*050	☉ till 11a., then fine.
26	63	24	56°0	56°7	53°0	59°5	1°2	1°6	*413	*412	92	90	S 3	S by E 6	10	10	*180	☉ till 11a., then fine.
27	24	06	55°8	50°0	49°0	58°4	3°6	0°9	*437	*337	77	94	SSW 2	W by S 5	9	10	*820	☉ till 11a., then fine.
28	23	08	52°7	47°4	45°8	53°8	4°6	2°0	*282	*279	71	86	W by S 4	W by S 4	2	7	*090	☉ till 11a., then fine.
29	46	06	51°1	52°0	44°7	53°5	3°0	0°8	*300	*366	80	94	WSW 2	SSE 2	9	10	*325	☉ till 11a., then fine.
30	19	30	51°5	48°0	46°7	54°0	1°8	1°7	*334	*292	88	88	W by N 6	N 6	10	10	*060	☉ till 11a., then fine.
31	29°67	29°84	47°7	51°0	43°7	54°0	4°7	3°6	*227	*285	69	76	NW 5	W 5	6	8	—	☉ till 11a., then fine.
Mean	29°645	29°618	54°7	52°7	49°3	58°2	2°7	1°5	*358	*360	83°0	90°0	3°3	2°5	6°9	6°0	3°045	☉ till 11a., then fine.

DUNROBIN CASTLE.—AUGUST 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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	29.82	29.74	61.0	60.0	55.0	67.2	4.5	2.2	.397	.447	75	87	W	W	—	—	.210	Dull a. and p.
2	.61	.54	60.2	55.0	54.8	64.0	1.2	3.2	.482	.344	93	80	W	W	—	—	—	
3	.51	.58	60.5	54.0	51.2	63.8	7.7	3.5	.312	.322	59	77	NW	NW	—	—	.070	
4	.67	.78	56.5	52.2	48.8	62.2	4.3	3.4	.338	.303	73	78	NW	NW	—	—	.030	☉ showers a. Dull p.
5	.61	.48	52.2	50.5	48.0	55.0	1.4	0.5	.353	.354	91	96	SW	E	—	—	.020	Dull with ☉ showers a. Dull p.
6	.65	.73	54.0	53.0	48.0	62.0	4.8	3.0	.292	.322	70	80	W	W	—	—	—	
7	.72	.73	57.3	53.8	48.0	57.2	4.0	1.8	.351	.363	75	87	SW	W	—	—	.310	Fine and sunny a. Dull with ☉
8	29.80	29.98	55.5	49.2	49.2	58.0	1.7	3.0	.392	.278	89	79	S	NW	—	—	—	[showers p]
9	30.02	30.00	55.5	53.2	42.0	61.0	7.3	3.4	.261	.315	59	78	W	SE	—	—	.570	Dull day.
10	29.57	29.78	52.0	57.8	52.0	61.0	0.2	3.8	.383	.369	99	87	E	NW	—	—	.150	Stormy with ☉ a. Fair and blowy p
11	.87	.82	55.2	63.0	54.2	68.0	0.4	5.0	.425	.414	98	72	E	SW	—	—	—	
12	.66	.61	63.8	54.0	67.8	6.6	3.8	.354	.464	64	78	E	SW	—	—	.070	☉ p.	
13	.82	.91	65.0	62.0	55.0	68.0	5.0	3.0	.447	.456	73	82	S	W	—	—	—	
14	29.93	29.99	62.0	59.2	49.0	66.5	3.2	4.0	.450	.383	81	76	W	NW	—	—	—	Fine and warm.
15	30.06	30.13	58.8	55.2	48.0	64.2	4.8	1.7	.357	.387	72	89	SW	W.	—	—	—	Fine a.
16	.11	.20	55.0	56.0	50.2	60.2	0.8	1.2	.409	.413	94	92	W	E	—	—	—	Fine and warm.
17	.18	.20	57.8	57.0	55.0	60.0	3.3	3.2	.383	.372	80	80	E	E	—	—	—	
18	.20	.26	59.8	57.2	50.0	61.5	3.0	2.2	.420	.403	82	86	S	SE	—	—	—	Fine and warm.
19	.26	.22	55.0	57.8	52.0	59.0	1.2	1.3	.397	.420	92	92	SE	E	—	—	.010	Dull day.
20	.19	.12	57.0	57.0	54.0	60.0	0.2	0.8	.459	.440	99	94	SE	E	—	—	—	Dull day.
21	30.10	30.02	62.0	60.0	55.0	65.0	2.0	1.8	.487	.459	88	89	E	E	—	—	—	
22	29.83	29.73	65.0	66.0	57.0	71.0	3.2	4.0	.504	.496	82	78	E	E	—	—	—	Fine and warm.
23	29.89	29.94	60.2	55.0	51.0	68.0	5.0	5.0	.372	.302	71	70	N	W	—	—	—	
24	30.02	30.18	57.0	52.0	51.0	60.0	3.2	3.0	.372	.310	80	80	NW	W	—	—	—	Dry and breezy.
25	30.15	30.01	55.8	56.2	50.0	59.2	4.0	3.2	.338	.362	76	80	W	W	—	—	—	Fine a.
26	29.85	29.45	61.0	58.0	54.0	66.0	3.0	6.0	.439	.318	82	66	SW	W	—	—	.200	
27	.46	.33	55.2	50.0	49.0	61.0	3.2	2.2	.347	.304	80	85	W	W	—	—	.380	Fine a. Dull and cool. ☉ p.
28	.47	.69	50.2	45.5	45.0	56.0	2.4	1.5	.302	.270	84	89	W	NW	—	—	.160	Dull a. Blowy with ☉ showers.
29	.71	.37	50.0	55.8	43.0	56.0	4.0	0.8	.265	.422	74	94	W	W	—	—	.120	Dull a. ☉ showers p.
30	.41	29.44	56.8	48.5	48.0	61.0	1.8	1.8	.408	.303	88	89	N	NW	—	—	.270	☉ showers a. Dull day.
31	29.87	30.09	53.0	51.8	43.2	59.8	6.0	3.8	.257	.290	64	75	W	W	—	—	—	
Mean	29.844	29.843	57.4	55.7	50.5	62.2	3.3	2.8	.379	.369	80.2	82.7			—	—	2.570	

LAUDALE.—AUGUST 1898.

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.

Day.	Barometer at 32° Fahr.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	59.0	59.0	55.7	61.1	2.3	1.0	in.	in.	%	%	W	2	W	3	10	ins.	
2	29.98	29.83	59.0	59.0	55.7	61.1	2.3	1.0	427	467	86	94	W	2	W	3	10	☁ (mist) ☁ showers p.	
3	59	61	60.2	57.0	56.0	61.0	2.2	2.6	430	388	87	83	W	6	W	3	10	960 ☁ a. ☁ showers p.	
4	59	60	58.9	55.0	54.0	60.7	4.9	2.0	355	375	71	87	W	3	W	2	8	600 ☁ showers	
5	70	84	54.4	53.0	51.0	59.2	2.7	2.0	348	347	82	86	NW	3	W	2	8	490 Cold ☁ showers.	
6	44	46	53.3	54.0	50.0	57.2	1.3	2.0	379	360	91	86	S	4	SW	2	10	130 ☁ a. and p.	
7	68	73	53.4	52.5	47.7	60.7	2.9	2.5	330	328	81	83	W	2	NW	1	6	5020 ☁ showers a.	
8	69	67	57.3	54.9	45.2	63.0	4.3	1.2	348	397	74	93	W	1	Calm	0	3	120 Cir. a. ☁ showers p.	
9	29.79	29.79	54.0	49.9	49.0	62.1	0.3	1.9	409	310	98	87	NW	1	N	2	9	0 — ☁ (mist) a. Fine and clear p.	
10	30.05	29.99	53.0	56.2	49.2	61.1	1.3	7.2	366	272	91	59	N	2	SSW	3	0	370 ☁ a. ☁ showers p. ☁ (mist) a. and p. p.	
11	29.47	29.77	62.0	58.2	55.0	64.9	1.4	1.0	507	454	92	93	W	6	W	2	10	050 ☁ a. ☁ showers p. ☁ (mist) a. and p. p.	
12	86	84	64.9	61.0	56.9	68.0	1.9	3.7	546	419	89	79	Calm	0	S	7	10	070 ☁ (mist) ☁ a. and p. p.	
13	77	57	60.0	61.0	58.5	71.8	2.2	2.0	447	470	87	88	S	6	S	5	7	10	470 ☁ a. and p. ☁ 2 ap.
14	78	87	61.8	58.0	56.0	68.0	3.3	2.0	445	421	81	87	S	2	S	1	8	7	100 ☁ showers a. ☁ 2 6p.
15	29.87	29.99	63.0	55.0	53.0	65.2	4.0	2.3	443	367	77	85	S	3	Calm	0	6	2	270 Warm and sultry a. ☁ 2 showers p.
16	30.05	30.07	57.0	53.9	47.1	68.8	1.2	1.6	428	379	92	89	NW	2	Calm	0	6	3	030 Bright and sunny.
17	04	09	59.0	52.0	50.0	68.0	3.0	1.0	407	361	82	93	Calm	0	Calm	0	8	0	— Fine day.
18	14	17	57.8	55.0	47.3	68.2	3.3	1.1	383	400	80	92	Calm	0	Calm	0	9	8	— ∞ p.
19	19	16	60.0	56.5	49.6	68.0	3.8	1.5	401	412	77	90	Calm	0	Calm	0	9	8	010 ∞ a. Calm and sultry.
20	18	13	62.0	60.2	54.0	66.0	4.0	5.2	427	367	77	70	SE	2	ESE	3	10	7	070 ☁☁ showers a. and p. ∞ p.
21	10	30.05	61.0	63.0	54.2	65.6	4.0	4.0	410	443	77	77	ESE	2	ESE	3	10	8	030 ∞ a. and p.
22	30.06	29.98	65.0	61.5	60.7	72.6	4.0	1.8	478	486	78	89	S	4	Calm	0	10	3	— ∞ a. and p.
23	29.80	29.70	69.3	63.3	60.2	74.6	6.1	1.3	489	535	68	92	S	5	SW	2	8	6	410 ☁☁ a. from 6p.
24	29.92	30.04	58.3	55.2	51.0	66.7	3.9	3.4	373	342	76	79	NNW	3	W	3	6	8	020 Dull and cloudy.
25	30.12	30.21	53.7	51.0	49.5	60.0	2.8	2.3	337	316	81	84	NW	2	N	2	7	3	—
26	30.07	29.97	56.5	56.5	49.9	63.8	3.5	3.5	338	358	78	78	NW	3	S	7	8	10	040 Squally ☁☁ p.
27	29.80	29.41	60.0	61.0	55.0	68.0	2.2	0.6	447	517	87	96	S	4	W	5	8	10	850 ☁☁ from 4p.
28	47	37	56.3	51.0	49.2	63.2	3.3	2.0	361	323	79	86	W	2	SW	6	8	10	570 Squally ☁☁ 2 showers.
29	52	75	51.9	51.0	47.0	56.8	2.9	3.3	311	292	81	78	SW	4	NW	7	6	10	330 ☁☁☁ 2 showers p.
30	72	40	51.3	56.0	47.0	58.6	2.5	1.3	313	411	83	91	SW	2	W	7	10	10	560 Squally ☁☁ (gale) ☁ 2.
31	46	29.48	55.9	50.8	50.0	57.0	2.9	1.8	366	325	82	87	WNW	2	SSW	3	10	10	700 ☁☁ showers a. ☁☁ 2 p.
Mean	29.96	30.14	53.0	54.0	46.2	55.0	5.0	4.0	277	310	69	74	WNW	1	WNW	2	4	10	060 ☁☁ showers mid-day.
Mean	29.834	29.834	58.2	56.0	51.8	63.9	3.0	2.4	399	385	81.7	85.0	2.5	2.7	7.9	7.5	7.530		

DUNDEE.—AUGUST 1898.

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.

1	29°75	29°63	64°8	60°8	51°8	71°1	7°0	3°2	389	431	63	82	W	6	W	6	5	10	—	Cloudy a.
2	53	41	60°7	60°4	57°2	63°9	2°8	1°8	441	466	83	90	W	4	W	4	10	10	—	Dull, with showers noon-5p.
3	45	42	60°8	55°6	50°1	67°7	6°7	3°6	338	344	63	77	W	4	W	2	10	10	—	Dull a.
4	54	68	59°8	54°8	48°0	65°2	6°2	4°5	337	311	66	73	NW	2	W	4	10	5	340	Cloudy a. 1°30p.
5	43	26	52°2	53°6	49°7	56°2	0°2	0°0	385	412	99	100	SE	2	SE	1	10	10	150	Dull 5a.-noon.
6	52	54	57°6	53°8	50°4	67°7	5°2	2°2	332	353	70	85	W	1	NW	1	10	10	—	Cloudy a. Dull from 6p.
7	59	54	61°8	51°4	43°8	65°9	5°4	1°1	385	351	70	92	S	1	NW	1	5	5	—	Fine day.
8	64	75	55°9	50°8	45°2	68°5	2°5	1°0	377	347	84	93	SE	1	NE	1	10	10	370	from 6p.
9	87	85	58°6	50°1	43°7	65°7	5°7	1°5	334	323	88	89	SW	1	N	1	5	5	450	Fine day.
10	47	63	52°5	61°2	45°4	70°0	0°1	1°6	393	487	99	91	SE	1	NW	4	10	10	110	4a.-10a. 1p.-4p.
11	80	80	62°1	59°6	58°6	71°8	0°7	3°4	533	406	95	79	SW	1	SW	2	10	10	—	Dull to 2p. [9p.
12	77	55	64°9	62°6	47°0	73°8	4°8	1°5	451	516	78	91	SE	1	S	2	5	5	410	Dull from 3p. Distant from 8°30p.
13	69	77	66°6	60°6	57°6	73°9	4°5	2°0	491	464	76	88	W	2	SE	1	5	5	—	Fine day.
14	79	83	68°8	60°5	52°3	74°7	6°0	1°7	485	472	69	90	SW	1	SW	1	5	5	—	Fine day.
15	92	91	59°9	54°9	50°5	66°7	2°3	0°9	443	404	87	94	SW	1	SE	1	10	10	—	Dull day.
16	29°90	29°92	58°6	55°4	53°3	60°1	2°5	0°7	416	419	85	96	SE	1	SE	1	10	10	410	T 9a. 9a.-2p.
17	30°03	30°06	56°6	53°5	52°2	61°8	1°1	0°5	426	395	93	96	E	1	SE	1	10	10	—	Dull day.
18	09	07	57°5	55°2	49°8	65°4	1°1	1°2	439	401	93	92	SE	1	SE	1	10	10	—	Dull day.
19	09	30°02	60°7	55°4	53°7	61°0	2°1	1°3	462	401	88	92	SE	2	SE	2	10	10	090	showers n. and at noon.
20	30°01	29°99	56°8	56°9	54°6	58°9	0°2	0°0	456	463	98	100	SE	2	SE	2	10	10	040	to 9°30 and 3p.-7p.
21	29°98	91	58°8	56°1	55°4	69°5	0°2	0°3	490	442	99	98	SW	1	SE	1	10	10	010	Dull to 10a. 2.2 from 6p.
22	74	60	61°1	55°2	72°9	0°8	1°5	526	544	96	91	NE	1	SW	2	5	10	10	020	6a.-8a. Dull till 9a. and from 2p. 9p.
23	71	29°85	61°0	53°3	52°7	65°4	3°2	3°7	433	310	81	76	SW	1	NW	2	10	5	—	Dull till noon.
24	29°94	30°03	59°5	52°8	43°2	65°8	5°9	3°5	339	309	67	77	NW	1	NW	2	5	5	—	Fine day.
25	30°02	29°87	57°8	56°6	43°5	64°0	3°8	3°0	369	373	77	81	SW	2	SW	1	5	10	—	Dull from noon.
26	29°75	41	57°2	59°6	51°4	65°0	1°8	1°5	415	462	88	91	S	1	SW	1	10	10	090	7p.
27	34	22	58°2	50°9	50°0	64°7	2°9	2°3	398	315	82	85	SW	1	W	6	10	5	020	n. and 4p.
28	39	54	55°2	48°9	47°6	59°3	4°1	2°8	325	279	75	81	W	6	W	6	5	7	030	showers till noon.
29	64	21	51°2	54°3	45°3	55°3	2°6	0°7	311	402	83	95	W	2	SW	2	10	10	040	11°30 a. and 4p.-7p.
30	33	13	60°6	51°4	49°7	67°3	5°0	0°3	378	371	72	98	W	6	SE	4	5	10	760	from 2p.
31	29°78	29°98	54°0	52°2	43°6	61°4	6°2	4°4	263	281	63	72	N	6	NW	2	5	10	—	n. Fine day
Mean	29°726	29°690	59°1	55°7	50°1	65°8	3°3	1°9	405	395	81°0	88°2	2°1	2°2	8°1	8°8	3°390			

GLASGOW.—AUGUST 1898.

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, +0.29 in.

Day.	Barometer at 32° Fahr.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.			
								Dep. of Wet.		Vapour Tension.		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	29.79	29.71	58.7	58.3	54.0	61.8	4.1	2.1	374.	423	75	86	W	2	W	3	10	10	0.060	Overcast and squally.	
2	55	46	58.1	58.4	57.2	61.0	1.3	1.4	444	445	91	91	SW	2	W	2	10	9	0.320	Squally, with 2.8 a.-5 p.	
3	48	46	58.6	53.3	53.1	61.1	5.3	2.3	343	343	70	84	W	2	W	2	8	8	0.107	Squally a. Dull p.	
4	58	72	57.5	52.3	51.1	61.1	5.6	2.3	321	331	68	84	W	4	SW	2	5	4	0.400	Squally with 2 showers a., then	
5	29	27	53.2	56.5	51.4	62.2	0.9	2.1	380	395	94	86	NE	2	W	1	10	9	0.053	2 a. Dull day.	
6	54	55	55.3	51.6	50.2	59.8	4.9	3.1	309	334	70	79	W	1	NW	1	6	10	—	Fine a. Dull and cloudy.	
7	55	54	55.3	52.8	45.2	65.0	5.2	3.6	302	306	69	76	W	1	W	1	9	6	0.360	Dull a.	
8	62	75	51.3	53.5	50.2	58.9	4.0	3.1	367	326	97	79	NE	1	W	1	10	9	0.146	2 3 a.-1 p.	
9	86	83	53.8	53.9	45.0	61.9	6.8	3.9	259	311	60	75	W	1	S	1	2	10	0.662	Fine and clear a. Overcast p.	
10	42	67	60.9	60.3	52.2	65.6	4.0	2.5	522	443	98	85	W	3	W	4	10	10	0.158	2 1 a.-11 a. Dull and squally.	
11	78	78	64.6	58.2	58.2	69.1	1.7	3.9	548	372	89	77	SW	2	SW	2	10	3	—	Cloudy day. Clear evening.	
12	67	51	66.6	59.5	50.2	76.4	8.8	1.8	370	451	57	89	S	2	S	2	6	10	0.360	Fine a. 2 7 p.-11 p.	
13	67	74	64.2	61.8	56.7	70.1	4.4	3.5	452	438	75	80	W	2	Calm	0	8	10	0.042	Fine a. 2 shower 10.30 p.	
14	75	83	63.8	57.2	57.2	69.4	5.1	1.2	425	431	72	92	SW	2	W	1	6	3	0.055	Fine a. shower 5.30 p.	
15	86	89	55.7	57.2	48.3	65.4	1.1	2.6	313	392	93	84	NW	1	NE	1	10	10	0.020	∞ a. Dull day.	
16	86	29.91	58.7	57.1	55.1	61.6	2.9	1.7	406	416	82	88	E	1	E	1	10	10	—	Cloudy day. T 2 p.	
17	29.99	30.01	58.9	56.8	55.7	64.6	2.9	3.7	408	357	82	77	E	1	E	2	10	10	—	Dull and cloudy.	
18	30.04	30.00	56.9	60.5	52.3	67.4	3.6	3.3	360	422	78	80	NE	1	NE	2	9	10	0.012	Cloudy a. Dull p.	
19	30.02	29.97	57.9	56.8	55.9	62.5	2.9	1.8	394	408	82	88	NE	2	NE	3	10	10	0.460	Dull a. 10 p.	
20	29.95	29.94	58.2	59.0	55.7	62.2	1.3	0.9	443	470	91	95	E	1	E	2	10	10	—	Dull and overcast.	
21	94	82	60.0	62.9	54.3	70.8	1.7	2.2	463	498	90	87	E	1	NE	1	10	4	—	Dull a. Cloudy p.	
22	69	59	64.7	63.5	58.2	73.5	2.7	1.8	314	523	84	89	E	2	SW	3	0	10	0.100	Clear a. 2 shower 3.30 p.	
23	73	29.88	57.7	53.3	53.3	63.8	6.1	3.9	312	305	65	74	W	2	W	2	9	4	—	Fine day.	
24	29.97	29.94	55.9	50.3	50.3	62.5	4.8	2.4	320	304	71	83	W	1	W	1	6	1	—	Fine a. Clear p.	
25	30.00	29.85	54.6	56.5	44.1	63.8	3.3	4.6	337	331	79	72	Calm	0	S	1	10	10	—	∞ a. Dull day.	
26	29.70	29.35	54.9	59.9	55.7	62.7	2.5	0.7	428	493	85	96	S	1	S	2	10	10	0.205	Dull and overcast. 2 p.	
27	33	28	56.6	48.8	48.8	62.1	3.9	1.7	350	303	76	88	W	1	W	3	10	6	0.374	Cloudy and squally. 2 showers.	
28	41	60	49.6	48.9	48.4	57.7	1.5	2.6	317	284	90	82	W	2	W	2	9	3	0.110	Cloudy and squally. 2 showers.	
29	62	28	52.5	55.4	47.6	57.7	2.6	0.0	327	410	82	94	SW	1	W	3	10	9	0.082	Overcast, with 2 showers.	
30	41	29.19	56.0	52.1	51.3	58.9	3.0	0.8	365	368	81	94	W	2	NW	4	10	10	1.173	Squally 2 2 p.-10 p.	
31	29.82	30.01	52.5	50.7	46.3	58.5	6.3	3.2	246	291	62	79	W	2	W	1	1	9	0.052	Clear a. 2 10 p.-11 p.	
Mean	29.707	29.691	57.7	56.0	52.0	63.8	3.5	2.4	381	384	79.3	84.3	1.6	1.8	8.2	8.0	5.221				

SCARBOROUGH.—AUGUST 1898.

Height above Mean Sea Level, 219 feet. Heights above Ground:—Bar., - 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 24' W. Lat. 54° 18' N. Gravity Correction, +0.25 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.	Vapour Tension.	Percentage.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			
1	ins.	ins.														ins.		
2	29.80	29.77	63.5	57.7	55.1	71.6	4.6	3.2	.433	.382	75	81	W 2	WSW 1	7	8	—	Fine a.
3	65	56	64.7	64.0	55.3	68.3	6.4	5.7	.404	.410	66	69	WSW 5	WSW 5	6	9	.056	
4	53	48	62.7	50.8	50.2	64.6	1.4	0.7	.520	.353	92	95	WSW 1	NW 1	10	7	.541	Gloomy with $\frac{1}{2}$ a. and p.
5	62	82	59.1	56.1	49.3	66.2	4.9	3.6	.358	.349	72	78	NW 3	W 2	7	5	.316	Fine a. and p.
6	50	32	58.3	64.5	48.6	70.9	0.5	1.4	.422	.356	97	92	S 6	SW 3	10	10	.311	Gloomy with $\frac{1}{2}$ a. and p.
7	53	53	59.9	51.9	51.7	64.6	6.2	1.2	.338	.335	66	92	WNW 2	Calm 0	7	10	.261	Fine a. Gloomy with $\frac{1}{2}$ p.
8	56	57	56.0	51.9	46.5	60.0	4.6	2.2	.323	.339	72	85	Calm 0	Calm 0	10	6	.096	Fine a. \curvearrowright 6.30 p.
9	59	66	56.8	52.0	48.1	58.7	2.4	0.7	.391	.369	84	95	NW 1	NE 2	8	7	.003	Dull with $\frac{1}{2}$ a. Fine p.
10	79	89	55.7	49.9	48.5	58.7	2.3	1.5	.377	.321	85	90	N 5	Calm 0	8	3	.222	Gloomy a. Fine p.
11	68	74	52.7	63.9	47.7	66.9	0.4	0.4	.366	.380	97	98	S 7	SW 1	10	10	.002	Gloomy a. and p.
12	88	88	65.6	64.0	61.8	75.6	2.4	4.1	.543	.457	86	77	SW 2	SW 2	9	3	—	Dull with $\frac{1}{2}$ a. Fine p.
13	82	69	70.6	65.9	55.5	77.5	9.1	3.4	.427	.514	57	82	S 2	Calm 0	2	2	.004	Fine a. and p.
14	74	79	63.8	62.7	60.6	69.6	1.9	1.6	.526	.512	88	91	WSW 1	Calm 0	9	8	—	Gloomy a. Dull with $\frac{1}{2}$ p.
15	77	84	64.4	61.7	57.9	74.1	3.2	4.6	.491	.406	81	75	Calm 0	SW 2	6	7	—	Fine a.
16	87	87	63.5	58.6	56.0	65.4	3.5	1.2	.465	.454	80	92	N 3	Calm 0	10	10	—	Dull and gloomy p.
17	82	29.85	61.5	57.8	55.5	64.0	2.2	0.2	.472	.472	87	98	NNW 1	NNW 2	9	9	—	Gloomy p.
18	29.94	30.02	60.7	55.3	53.3	62.2	2.5	0.6	.451	.419	85	96	N 3	Calm 0	6	4	—	Fine a. Dull p.
19	30.05	30.04	59.9	56.9	50.9	61.5	2.1	0.7	.447	.443	88	95	ENE 1	NE 1	6	4	—	Fine a.
20	30.00	29.94	57.7	58.1	55.8	62.0	2.2	0.6	.430	.405	86	96	ESE 1	NE 1	10	10	.004	Dull and gloomy a. and p.
21	29.92	29.96	56.4	58.1	57.4	62.1	0.5	0.3	.472	.473	97	98	ENE 1	Calm 0	10	10	.019	Dull and gloomy. $\frac{1}{2}$ a. $\frac{1}{2}$ p.
22	96	90	57.6	56.3	55.4	59.7	0.6	0.6	.457	.434	96	96	Calm 0	E 2	10	5	.187	$\frac{1}{2}$ a.
23	76	68	67.7	67.4	55.8	79.6	6.8	4.9	.443	.492	65	74	S 3	SW 1	7	3	—	Fine a. and p.
24	71	29.84	64.3	56.9	56.9	72.4	3.1	1.0	.492	.433	82	93	S 2	NW 2	9	9	—	Dull and gloomy a. $\frac{1}{2}$ a. and p.
25	29.93	30.03	59.7	51.3	48.9	63.6	7.2	2.3	.312	.319	61	84	NNW 4	Calm 0	4	7	—	Fine a. and p.
26	30.03	29.94	61.3	55.0	45.6	68.8	5.2	1.9	.381	.377	72	88	W 1	S 2	2	5	—	Fine a. and p.
27	29.82	57	58.7	61.0	53.3	64.7	3.8	0.7	.381	.512	78	96	S 3	SSW 3	10	10	.281	Dull and gloomy a. and p.
28	40	43	63.8	52.1	52.1	67.5	1.0	2.8	.556	.317	94	81	S 3	WSW 1	10	3	—	Dull and gloomy a. Clear p.
29	55	62	58.4	49.7	47.6	61.3	4.9	3.2	.349	.278	72	79	W 3	WSW 3	4	3	.441	Fine p.
30	71	38	51.5	56.5	44.3	57.0	2.2	0.8	.324	.433	85	95	WSW 1	W 1	8	8	.107	Dull and gloomy a. Dull p.
31	46	29.40	60.8	53.9	53.9	65.8	4.7	1.0	.388	.386	74	93	WNW 2	NNW 5	6	8	—	Fine a. and p.
32	29.73	30.00	55.6	49.6	48.6	58.9	6.3	3.6	.281	.269	64	76	NNW 6	SW 1	6	2	—	Fine a. and p.
Mean	29.745	29.742	60.4	57.1	52.6	65.9	3.5	2.0	.420	.415	80.1	88.1	2.4	1.4	7.6	6.6	2.851	

CRONKBORNE.—AUGUST 1898.

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.

1	29.94	29.85	61.4	60.4	55.0	64.5	2.2	0.4	471	512	87	98	NNW 4	WSW 2	9	8	—	Dull day. [from 5p. $\frac{1}{2}$ (mist).]
2	75	62	62.5	60.0	57.8	65.2	1.5	0.1	513	515	91	98	WSW 4-5	WSW 3	8	10	0.281	Dull with squally (gale) a. $\frac{1}{2}$ p.
3	60	61	64.0	54.0	51.6	64.2	5.1	0.3	428	409	72	98	WSW 3	WNW 2	6	3	0.070	Dull a. $\frac{1}{2}$ in afternoon.
4	77	85	59.8	52.6	51.6	63.5	3.4	0.3	409	389	79	98	W 4	SW 1	6	7	0.913	$\frac{1}{2}$ at night.
5	47	37	61.4	62.1	50.0	65.2	0.1	0.0	541	558	99	100	WSW 4-6	WSW 5-6	10	10	0.961	$\frac{1}{2}$ a., 2p. and 9p.
6	66	65	58.2	52.6	50.5	62.4	2.7	0.8	404	375	83	95	NW 3	NW 2	6	4	—	Cloudy day.
7	62	63	58.8	50.0	42.4	63.0	3.1	0.4	403	350	81	97	ESE 1	N 1	8	4	—	Fine day.
8	66	82	61.9	52.3	47.1	63.8	3.8	0.4	431	381	78	97	NNW 3	NW 4	8	1	—	Cloudy day.
9	96	94	58.4	55.0	50.7	62.2	3.4	0.8	388	409	79	94	NNW 3	SW 2	3	8	1.464	$\frac{1}{2}$ a. Fine day. $\frac{1}{2}$ at night.
10	65	81	61.2	62.2	54.0	69.0	0.4	0.4	527	546	98	98	SW 5	SW 4	10	10	0.016	$\frac{1}{2}$ a. Cloudy day. $\frac{1}{2}$ showers n.
11	92	89	61.0	57.0	57.0	65.4	0.5	0.6	520	446	97	96	S 4	S 2	10	7	—	Dull with $\frac{1}{2}$ (mist) a. Fine p.
12	73	61	62.3	60.0	54.1	68.5	1.0	0.0	527	518	94	100	ESE 3-4	SSW 5	7	10	0.442	$\frac{1}{2}$ a. Fine day.
13	78	86	59.9	59.2	55.4	66.2	0.2	0.2	510	497	99	99	SSW 4	NW 1	10	8	0.002	Fine day.
14	85	91	63.0	60.0	55.9	65.7	0.0	0.3	474	508	82	98	SSW 2	WNW 1	6	10	—	Fine day.
15	94	92	59.0	58.0	53.5	66.5	0.0	1.5	500	436	100	90	Calm 0	Calm 0	10	0	—	Dull with $\frac{1}{2}$ (mist).
16	29.89	29.93	65.2	57.8	56.4	72.4	2.9	1.5	517	433	84	96	SE 1	NW 1	8	1	—	$\frac{1}{2}$ (mist) a. Fine day.
17	30.00	30.01	68.0	61.2	51.6	69.0	0.6	0.7	482	517	70	90	ESE 1	E 2	1	3	—	$\frac{1}{2}$ (mist). Very fine day.
18	30.00	29.95	63.0	63.5	56.8	65.7	3.3	3.1	465	480	81	81	NE 3-4	E 5	6	10	0.053	Dull day.
19	29.95	29.93	61.8	62.0	56.0	65.3	3.3	0.5	445	538	81	97	E 3-4	E 3	8	10	0.149	$\frac{1}{2}$ a. Dull day. $\frac{1}{2}$ showers 1p.
20	96	99	62.8	56.2	55.0	67.4	0.1	0.8	568	428	99	95	ESE 1	Calm 0	10	1	—	Dull with $\frac{1}{2}$ (mist). $\frac{1}{2}$ p.
21	98	87	63.0	62.8	51.2	70.0	0.5	0.8	558	543	97	95	E 1	Calm 0	10	4	0.010	$\frac{1}{2}$ (mist). $\frac{1}{2}$ p.
22	74	74	64.8	60.0	59.1	66.5	0.6	0.9	590	488	96	95	ESE 1	SSW 4	10	8	0.086	Dull with $\frac{1}{2}$ (mist). $\frac{1}{2}$ p.
23	29.81	29.98	58.2	52.0	52.0	64.5	4.1	2.2	568	330	76	85	NW 5-6	W 2	9	3	—	Squally a. Fine day.
24	30.06	30.12	58.1	48.2	47.0	63.2	3.7	2.0	376	288	77	86	NNW 3	N 1	2	8	—	Dull day.
25	30.07	29.94	61.0	57.8	45.2	63.0	3.0	3.0	373	391	70	82	SE 2	S 2	2	10	0.411	Fine day.
26	29.76	57	57.6	60.0	55.7	60.2	0.1	0.0	473	518	99	100	ESE 2	SW 3-5	10	10	0.628	$\frac{1}{2}$ (mist) $\frac{1}{2}$ p. $\frac{1}{2}$ p.
27	49	58	57.8	54.0	52.4	60.5	2.8	3.6	395	320	82	76	WSW 3	W 5	10	3	0.001	Cloudy day.
28	63	77	57.4	50.6	49.2	59.0	0.4	1.9	459	321	97	87	WSW 5-6	W 3	4	4	0.231	Cloudy day.
29	73	49	54.0	59.1	48.1	61.0	2.0	1.6	360	451	86	90	SSW 4	WSW 4	6	7	0.573	Cloudy day. $\frac{1}{2}$ showers.
30	60	29.42	61.0	56.0	55.6	63.7	4.0	2.0	410	391	77	87	WSW 5	NNW 6-8	6	7	0.070	Cloudy and squally.
31	29.91	30.14	56.0	48.2	46.3	61.8	2.2	0.4	386	328	86	98	NW 4-5	Calm 0	4	8	—	Fine day.
Mean	29.803	29.798	60.7	56.9	52.4	64.8	2.3	1.0	460	439	86.4	93.5	3.1	2.5	7.5	6.2	6.361	

STONYHURST.—AUGUST 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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°70	29°65	61°5	59°0	57°6	64°0	5°1	3°0	388	407	71	82	WbyS1	WbyS3	8	10	—	Fine day. Overcast evening.
2	56	44	59°9	62°7	57°7	67°2	3°9	4°4	396	427	77	75	SWbyW2	SWbyS2	10	10	580	Dull and overcast.
3	39	37	60°3	53°0	51°3	63°0	1°3	2°0	480	347	92	86	WSW 1	SWbyW 1	10	10	575	Distant T a. ☉ showers p.
4	52	64	58°3	54°5	52°4	61°3	4°8	2°7	351	350	72	82	WbyS5	WSW 5	9	6	630	☉ showers a. Bright p.
5	30	19	57°7	62°5	52°9	68°8	0°7	0°9	455	535	95	95	SW 4	SWbyS4	10	10	990	Overcast and squally. ☉ ² showers p
6	42	38	58°2	53°1	52°3	62°5	5°7	2°7	328	331	68	81	W 2	WbyS2	9	9	—	
7	40	40	57°8	50°0	45°8	61°3	5°2	2°0	334	323	70	86	Caln 0	Caln 0	10	5	—	
8	42	53	55°0	54°0	46°1	61°4	3°0	3°8	349	315	81	75	NNE 1	NWbyN 1	7	7	020	T noon. ☉ showers p.
9	68	76	58°5	56°6	48°0	61°4	5°5	2°3	336	311	68	84	N 1	SWbyW 1	8	8	1°560	Fine and sunny. Cir. p.
10	63	57°2	62°0	50°0	63°7	0°5	1°3	453	510	97	92	SWbyS 2	SWbyW 2	10	10	075	☉ ² till 10 ¹⁵ . ☉ showers p.	
11	73	71	65°0	58°0	57°0	70°6	3°0	2°0	510	421	83	87	SW 3	WSW 3	10	0	—	Fine day.
12	60	44	70°7	69°3	53°8	77°4	7°7	3°0	407	595	62	83	SSE 2	SbyW 2	8	10	275	Bright and sunny.
13	59	63	63°3	62°3	60°8	71°4	3°2	3°1	474	458	81	81	WSW 1	WbyN 1	9	5	—	Bright and sunny. Very warm p.
14	63	70	66°7	63°5	55°0	70°4	6°5	2°5	433	446	66	85	Caln 0	Caln 0	1	4	—	Bright and sunny.
15	72	69	63°1	62°6	55°0	68°0	3°6	1°6	458	512	79	90	Caln 0	Caln 0	8	10	020	Very warm a. Distant K p.
16	64	68	65°0	61°5	58°6	73°3	5°1	3°5	444	433	73	79	NbyE 1	NbyE 1	9	0	—	Fine, bright, and warm.
17	78	82	62°2	59°0	56°3	69°3	3°9	5°2	433	349	78	70	NbyE 1	NbyN 1	9	0	—	Fine and bright. ∞ p.
18	74	79	58°0	60°3	52°1	67°6	3°7	8°4	375	294	78	57	NNE 2	ENE 2	9	10	—	Fine and bright a. Dull p.
19	77	73	58°0	59°3	54°1	64°0	3°7	3°3	375	403	78	80	NbyE 2	NNE 2	9	10	036	Bright a. K☉ showers p.
20	76	76	60°0	62°0	57°3	68°6	1°5	1°7	469	497	91	90	N 1	NbyN 1	10	0	—	☉ ⁰ (mist) a. Fine p.
21	77	67	66°3	63°4	57°9	74°0	2°8	2°0	543	514	84	88	NbyN 1	NbyN 1	7	0	150	Fine and sunny a. K☉ showers p.
22	56	56	70°7	62°0	61°3	76°0	7°0	2°6	476	468	65	84	SSE 2	SWbyW 2	8	0	052	∞ a. and p. Fine day.
23	57	71	63°0	56°4	56°3	64°3	2°0	5°9	506	301	88	66	SWbyS 1	NWbyW 1	10	2	020	
24	82	89	58°5	54°0	48°7	60°3	5°8	2°2	397	355	66	85	NW 2	SWbyW 2	10	10	—	Bright a.
25	87	74	56°5	55°0	45°5	64°5	2°8	2°6	376	359	82	83	Caln 0	SW 1	6	0	010	☉ ⁰ (mist) a.
26	61	41	57°8	60°5	52°7	61°6	2°8	1°0	395	494	82	94	SbyE 1	SWbyS 2	10	10	860	☉ ² p.
27	23	31	62°8	56°3	52°6	63°0	0°8	5°1	543	318	95	69	SWbyS 3	WSW 5	10	9	640	☉ ² showers.
28	44	53	57°0	48°0	47°6	58°6	5°5	2°2	316	231	68	85	WSW 4	W 1	9	4	093	☉ showers a. and p. ☉ p.
29	58	24	52°5	53°9	46°6	59°0	2°2	1°7	336	443	85	89	SWbyS 1	WbyS 4	10	8	308	☉ showers a. ☉ ² p.
30	37	18	57°2	63°0	55°6	61°3	3°2	3°0	375	474	80	82	WbyS 5	SWbyW 6	9	10	175	☉ showers p.
31	29°65	29°88	55°5	50°3	50°2	63°0	6°1	2°7	286	297	64	82	WNW 4	WbyN 1	7	10	—	Fine and sunny.
Mean	29°593	29°582	60°4	58°2	53°2	65°9	3°8	2°9	412	405	78°0	82°2	1°8	1°9	8°7	6°5	7°069	

CHURCHSTOKE.—AUGUST 1898.

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° Fah.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	64°0	59°1	50°9	71°7	5°1	0	in.	in.	%	%	W	2	Calm	0	9	10	ins.	—
2	29°52	29°48	64°0	59°1	50°9	71°7	5°1	0	427	406	72	81	W	2	Calm	0	9	10	—	Bright and hot.
3	42	32	62°2	59°8	52°6	71°5	5°1	3°1	399	401	72	78	W	2	SE	2	10	9	—	Breezy, cloudy and warm.
4	23	23	66°5	50°4	50°4	71°9	3°7	0°5	514	353	80	96	SW	2	W	1	10	5	340	Squally. Steady ● p.
5	42	48	60°1	56°9	48°4	64°7	5°7	2°9	353	379	62	82	WNW	3	W	2	8	10	160	Squally with ●.
6	23	11	64°9	64°0	54°0	71°1	3°1	2°1	503	520	83	87	SW	4	SW	2	10	10	104	Very squally with ●.
7	24	22	55°7	45°2	44°4	65°0	3°1	1°1	357	275	81	92	NE	1	NE	1	10	2	300	Dull and cloudy. Steady ● p.
8	21	18	57°5	51°9	41°2	62°7	4°1	1°5	357	346	75	90	SE	1	WSW	1	8	8	—	—
9	20	36	59°0	51°8	48°0	63°9	3°0	1°4	436	348	88	90	NE	2	SSW	1	6	10	010	Cloudy and threatening.
10	52	37	59°8	52°1	42°6	64°1	2°6	2°1	404	334	78	85	W	1	W	1	6	8	060	Bright day.
11	37	49	63°2	64°0	52°0	69°0	3°1	3°1	472	487	82	82	SW	3	SW	1	10	10	020	Squally.
12	59	46	63°0	59°4	58°2	73°9	2°7	4°0	482	385	84	76	SE	2	E	2	10	0	—	Breezy and warm. D
13	36	37	64°0	68°0	49°6	77°1	7°0	7°1	464	437	65	64	SE	3	SE	2	6	10	—	Bright, breezy and warm. D
14	39	43	65°2	61°5	57°4	74°7	4°3	1°6	472	491	77	90	WSW	1	SW	1	8	10	—	—
15	44	49	64°0	55°9	49°0	75°9	3°9	0°9	462	419	78	94	W	1	W	1	4	0	—	Bright and hot. D
16	50	47	61°5	59°9	52°0	67°4	1°8	1°0	483	482	89	94	SE	1	NW	1	10	10	060	Cloudy and close. ● showers.
17	44	49	64°2	52°9	52°5	75°8	4°1	0°4	461	389	77	98	NW	1	NW	1	8	0	—	∞ (mist) p.
18	55	58	63°5	56°7	48°9	72°7	3°2	1°9	475	404	80	88	ESE	1	E	2	9	0	—	∞. Breezy and warm.
19	55	54	63°1	60°0	48°0	66°1	7°2	3°8	357	401	63	77	SE	2	S	1	9	10	070	∞ (mist). Dull with ●.
20	48	49	57°1	57°5	53°2	65°1	0°6	0°5	447	457	96	97	E	1	SE	1	10	0	010	Bright, hot and close.
21	54	54	68°6	59°2	53°6	74°8	6°5	0°5	465	487	66	97	SW	1	W	1	6	0	—	Bright, warm and close. Distant
22	55	42	65°2	56°9	53°1	79°7	5°3	1°1	441	554	72	94	SW	1	SW	1	6	10	989	∞. Large, heavy hailstones
23	36	39	73°0	62°0	60°5	76°9	5°3	2°1	592	483	73	87	SE	1	SE	1	6	6	—	—
24	40	52	66°2	52°4	52°0	73°1	3°3	1°6	524	351	82	89	SSW	3	NW	1	9	3	010	—
25	64	60	56°9	51°9	45°1	61°3	3°5	1°7	362	342	78	88	NNW	2	NW	1	10	10	—	Cool and cloudy.
26	65	54	59°4	49°9	39°5	69°8	4°6	0°9	370	333	73	94	NE	1	NW	1	6	0	010	Bright, breezy and hot.
27	38	23	56°9	62°0	49°4	70°9	1°7	1°6	413	500	89	90	SE	2	SW	3	10	10	040	—
28	12	21	66°2	58°2	54°9	72°4	2°3	0°5	558	469	87	97	SW	2	WSW	3	10	5	252	Cloudy and squally. ● showers.
29	32	41	58°0	48°9	46°0	61°3	6°1	0°9	316	323	66	94	WNW	2	W	1	9	0	062	—
30	42	17	54°4	59°0	44°2	61°9	2°6	2°0	351	436	83	88	SW	1	W	2	10	10	090	Cloudy with ● showers.
31	27	16	62°9	60°2	56°4	68°1	5°6	3°4	396	415	70	80	NW	2	SW	4	8	9	—	—
31	29°51	29°72	58°0	48°5	46°0	62°9	5°5	0°9	329	318	69	94	NW	1	W	1	8	10	—	Bright and fresh. D
Mean	29°412	29°410	62°2	56°9	50°1	69°4	4°1	1°9	434	411	77°4	88°2	1°7		1°4	8°4	6°5	2°587		

ST. DAVID'S, PEMBROKE.—AUGUST 1898.

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°'93	29°'89	63°'8	61°'0	57°'5	70°'0	2°'9	1°'3	*493	*493	83	92	NW	3	W	2	10	—	Cloudy <i>a</i> , Sunny afternoon.	
2	'82	'73	64°'0	60°'9	58°'2	68°'0	3°'9	1°'0	*464	*501	78	94	WSW	4	WSW	4	9	'016	Cloudy <i>a</i> , Sunny afternoon.	
3	'60	'66	64°'9	54°'9	51°'8	62°'3	0°'0	0°'9	*554	*404	100	94	WSW	6	NW	4	10	2	*810	☼☼☼ till 5p. Bright evening.
4	'85	'87	59°'8	60°'0	54°'0	66°'2	3°'8	1°'9	*397	*456	77	89	WNW	4	WSW	4	5	10	'070	Fine and sunny. [Op.-8p.
5	'64	'51	62°'1	61°'8	56°'0	64°'1	0°'0	0°'0	*558	*548	100	99	SW	5	SW	6	10	'012	☼☼☼ (mist) <i>a</i> , ☼☼☼ (mist)	
6	'60	'56	56°'1	50°'4	49°'6	62°'3	2°'0	1°'2	*393	*335	87	91	N	3	NNE	1	10	6	'056	Overcast, with ☼☼☼ (mist) ☼ showers.
7	'57	'54	57°'4	50°'1	49°'0	65°'5	2°'0	1°'7	*405	*370	87	88	ESE	1	Calm	0	6	4	'004	Cloudy <i>a</i> , Sunny and warm <i>p</i> .
8	'52	'72	58°'6	53°'2	49°'2	66°'2	3°'3	1°'6	*393	*360	80	89	N	2	NW	2	10	0	'003	Overcast <i>a</i> , Cloudy <i>p</i> . ☼ <i>n</i> , [n.
9	'95	'94	57°'5	56°'9	51°'3	62°'1	3°'7	1°'6	*367	*415	78	90	NW	4	W	5	5	8	'230	Sunny <i>a</i> , ☼ showers <i>p</i> . ☼☼☼ (mist)
10	'81	'89	61°'0	60°'5	55°'3	62°'2	0°'5	0°'3	*520	*517	97	98	SW	6	SW	5	10	10	'010	☼☼☼ (mist) <i>a</i> , Overcast, with ☼ showers.
11	'93	'82	63°'0	58°'8	53°'2	65°'1	1°'3	2°'5	*530	*419	92	85	SSW	4	SE	4	5	1	—	Cloudy day. Clear evening. ☼
12	'61	'60	69°'8	61°'1	57°'8	70°'2	5°'7	0°'0	*513	*339	71	100	SE	6	SW	3	5	8	—	Cloudy day. ☼ 3p.-9p.
13	'75	'79	64°'1	61°'2	58°'0	67°'8	0°'9	0°'0	*565	*541	94	100	SSW	2	Calm	0	8	1	'010	☼☼☼ (mist) <i>a</i> , Ground ☼ <i>n</i> .
14	'80	'85	64°'2	51°'5	58°'4	68°'1	2°'2	0°'3	*522	*535	87	98	S	3	WSW	1	7	10	—	Sunny and sultry, Cloudy <i>p</i> .
15	'83	'81	63°'8	59°'3	55°'3	67°'8	1°'5	0°'2	*539	*499	91	98	Calm	0	NE	2	10	6	—	Gloomy <i>a</i> , Sunny afternoon. ☼
16	'80	'84	60°'6	58°'0	52°'1	64°'4	1°'0	1°'6	*496	*433	94	89	NE	4	NE	4	7	2	—	Fine and breezy.
17	'88	'85	63°'1	58°'8	56°'3	66°'1	1°'9	0°'7	*512	*474	88	96	NE	4	ENE	2	9	0	'060	Cloudy till noon, then sunny.
18	'81	'68	62°'2	62°'3	58°'0	65°'6	2°'2	1°'7	*484	*504	87	90	ESE	3	SE	6	10	10	'215	☼☼☼ showers.
19	'77	'83	62°'0	62°'0	56°'1	69°'0	1°'9	0°'3	*490	*545	89	98	ESE	4	SW	3	9	10	'005	Sunny from 11a, Cloudy <i>p</i> .
20	'88	'90	64°'2	59°'6	57°'2	69°'2	0°'6	0°'5	*530	*495	97	97	SSE	2	SW	2	9	4	'002	Sunny and warm <i>a</i> , Sultry <i>p</i> . ☼
21	'86	'75	70°'1	63°'0	56°'1	75°'4	4°'0	1°'9	*578	*509	78	89	E	3	ENE	3	4	8	'600	Sunny and warm, ☼ ² <i>p</i> .
22	'68	'73	62°'2	61°'4	60°'7	66°'3	0°'0	0°'3	*560	*534	100	99	SW	4	SW	3	10	10	'060	☼☼☼ from 3a. Cloudy day. [11a.
23	29°'78	29°'94	57°'8	54°'1	52°'2	63°'1	0°'3	1°'1	*470	*387	98	92	NNW	4	NNW	1	10	2	'003	☼☼☼ (mist) <i>a</i> , Fine and sunny from
24	30°'03	30°'06	59°'5	52°'1	51°'8	62°'2	5°'5	1°'7	*349	*344	68	88	NNW	3	NW	1	10	3	—	Cloudy <i>a</i> , Sunny from 10a.
25	30°'00	29°'86	61°'0	50°'2	48°'8	60°'0	4°'8	1°'3	*388	*461	73	92	ESE	2	SSW	3	0	10	—	Bright and sunny. [D. n.
26	29°'71	'64	61°'9	62°'3	58°'2	65°'1	0°'3	0°'0	*543	*562	99	100	WSW	2	SW	4	10	10	'128	Overcast and gloomy <i>a</i> ☼☼☼ sp. ☼☼☼ n.
27	'49	'67	63°'1	58°'0	57°'3	65°'2	0°'0	3°'7	*578	*375	100	78	SW	5	W	6	10	3	'170	☼☼☼ till noon. Sunny afternoon.
28	'76	'83	60°'8	56°'2	54°'8	63°'8	4°'8	4°'2	*385	*337	73	74	W	4	WNW	4	5	0	'003	Fine day.
29	'76	'61	59°'7	59°'8	52°'1	62°'5	3°'5	1°'4	*405	*469	78	91	SW	4	NW	6	10	5	'062	Overcast and squally, with ☼.
30	'70	'30	62°'6	56°'6	57°'9	65°'1	2°'0	2°'1	*499	*428	88	87	W	4	WNW	6	10	5	'006	Cloudy, with ☼ showers.
31	29°'94	30°'10	57°'0	56°'6	52°'3	62°'4	3°'4	2°'3	*367	*391	79	85	NW	4	WNW	2	4	9	—	Bright and sunny.
Mean	29°'76	29°'78	61°'8	58°'6	54°'7	65°'8	2°'3	1°'3	*481	*457	86°'8	91°'9		3°'5	3°'1	7°'9	5°'8	2°'535		

WOOLACOMBE.—AUGUST 1898

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
							Dep. of Wet.		Vapour Tension.		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.	63° 0	59° 2	55° 2	66° 2	1° 7	2° 1	° 514	° 434	90	88	W	2	W	1	7	2	ins.
2	30° 10	29° 05	63° 2	61° 8	56° 8	67° 0	2° 0	1° 7	° 479	° 492	83	90	W	3	W	4	10	7	Gloomy a. Visibility p.
3	29° 84	29° 84	64° 6	56° 0	56° 2	69° 0	2° 1	1° 8	° 533	° 396	88	88	W	4	NW	4	10	1	Dull and gloomy.
4	30° 01	30° 07	61° 2	61° 6	56° 0	56° 0	5° 0	4° 1	° 385	° 418	72	77	NW	5	W	4	3	8	Very heavy squall 3° 30p.
5	29° 92	29° 77	63° 0	64° 8	58° 6	66° 4	3° 1	2° 1	° 469	° 537	82	88	SW	6	W	7	9	10	Gloomy a. Overcast day.
6	75	76	61° 8	57° 2	56° 4	65° 2	1° 9	4° 1	° 485	° 349	88	74	NW	2	NW	3	10	3	700
7	70	70	57° 2	55° 2	52° 8	62° 0	4° 0	3° 6	° 355	° 336	75	78	SE	1	E	2	10	10	—
8	29° 65	29° 93	57° 8	56° 8	54° 0	63° 2	4° 5	5° 6	° 358	° 311	75	67	E	3	NW	4	7	0	° 040
9	30° 11	30° 14	58° 2	58° 6	55° 0	61° 2	4° 8	3° 6	° 349	° 385	72	78	NW	4	W	3	6	6	° 010
10	° 06	° 11	61° 4	61° 8	55° 2	64° 8	2° 7	1° 9	° 456	° 485	84	88	W	5	W	4	10	8	—
11	30° 12	30° 01	60° 2	60° 2	57° 8	71° 6	5° 3	2° 9	° 421	° 428	71	83	W	3	E	5	1	3	Overcast and gloomy.
12	29° 80	29° 80	74° 8	64° 6	59° 0	78° 4	8° 5	2° 5	° 518	° 520	60	86	SE	5	SE	4	3	10	Fine day.
13	° 92	29° 96	63° 4	59° 0	59° 0	66° 8	1° 7	1° 7	° 522	° 446	90	90	W	1	Calm	0	8	1	An extraordinary day ; wild and hot
14	° 98	30° 02	63° 4	59° 2	56° 0	67° 6	3° 1	1° 3	° 477	° 461	82	92	W	2	SE	1	7	4	—
15	° 95	29° 92	64° 6	67° 0	58° 0	69° 2	3° 1	5° 1	° 498	° 479	83	73	SE	2	SE	3	10	7	—
16	29° 92	° 96	68° 0	64° 6	62° 0	72° 6	6° 1	3° 1	° 467	° 498	68	83	E	2	E	2	4	0	—
17	30° 01	° 97	66° 6	69° 0	59° 2	78° 4	3° 9	5° 7	° 511	° 496	79	70	E	1	E	4	0	0	—
18	29° 85	29° 90	67° 6	66° 8	59° 2	74° 4	5° 5	6° 9	° 477	° 425	71	65	SE	5	E	3	10	10	1° 230
19	29° 94	30° 01	62° 2	62° 0	58° 4	70° 2	2° 5	2° 1	° 475	° 483	85	87	S	1	S	1	10	1	—
20	30° 05	30° 04	68° 0	62° 0	59° 2	73° 2	5° 1	2° 1	° 496	° 483	73	87	SE	3	E	1	2	0	—
21	29° 96	29° 86	73° 0	75° 4	58° 6	79° 8	8° 5	10° 1	° 485	° 483	60	55	SE	3	E	4	2	1	° 020
22	° 89	29° 94	67° 8	63° 2	63° 2	76° 4	3° 7	3° 7	° 539	° 454	80	79	S	2	S	2	2	10	° 060
23	29° 93	30° 10	64° 2	60° 2	59° 2	76° 0	1° 5	6° 4	° 546	° 338	91	64	W	3	NW	2	9	2	—
24	30° 17	° 19	60° 4	58° 8	57° 8	64° 0	5° 6	5° 8	° 360	° 333	68	67	N	2	E	1	10	10	—
25	30° 17	30° 05	61° 6	58° 2	55° 8	66° 0	7° 0	3° 6	° 343	° 379	62	78	SE	2	SE	3	1	3	° 160
26	29° 91	29° 85	64° 6	63° 8	57° 4	65° 4	0° 9	1° 9	° 576	° 524	94	88	S	2	W	3	8	10	° 060
27	74	29° 87	64° 8	60° 8	60° 4	65° 4	1° 5	4° 6	° 558	° 391	91	74	W	4	NW	5	10	1	° 050
28	° 94	30° 00	61° 2	60° 0	56° 4	64° 0	3° 9	5° 0	° 416	° 369	78	71	W	5	W	4	6	2	—
29	° 94	29° 80	59° 8	62° 0	57° 6	66° 4	3° 8	2° 1	° 399	° 482	77	87	SW	3	W	4	9	9	° 140
30	29° 91	29° 84	63° 2	63° 4	60° 4	65° 0	1° 7	0° 9	° 518	° 550	90	95	W	4	W	6	9	10	° 020
31	30° 08	30° 26	57° 6	55° 0	55° 0	63° 4	4° 8	5° 8	° 340	° 284	72	66	NW	4	E	1	6	0	—
Mean	29° 945	29° 957	63° 6	61° 6	57° 6	68° 1	3° 9	3° 7	° 462	° 434	78° 5	79° 2	3° 0	3° 1	6° 6	4° 7	3° 130		

SOUTHAMPTON.—AUGUST 1898.

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

1	30° '07	30° '02	70° 5	64° 0	48° 9	78° 3	8° 1	4° 4	453	449	61	75	WNW 1	W	1	3	1	—	Delightfully fine and very warm.		
2	29° '99	29° '93	64° 4	63° 4	50° 4	71° 1	4° 9	3° 5	441	466	73	80	W	2	WSW 1	10	10	—	Beautiful day, with showers	[9p]	
3	'88	29° '75	69° 0	63° 0	54° 7	72° 4	6° 7	1° 2	466	533	65	93	WSW 3	SW	5	8	10	'018	Beautiful day, with fresh breeze.		
4	'98	30° '08	66° 5	59° 3	50° 4	74° 0	7° 0	4° 7	415	367	64	72	WNW 3.5	SW	1	10	3	—	Fine, with showers from 7p.		
5	'97	29° '83	66° 5	62° 0	54° 7	68° 3	5° 0	0° 7	474	531	73	96	SW	5	SW	5	9	10	'028	● a. and p.	
6	'76	'69	64° 4	57° 9	57° 7	68° 6	1° 0	1° 8	568	425	94	89	SE	3° 5	NW	3	10	10	'253	● till 3p.	
7	'71	'75	52° 6	52° 9	50° 8	59° 2	0° 5	1° 1	383	370	97	93	ENE	1° 5	NE	0° 5	10	9	'467	● Cold till 10a.	
8	29° '62	29° '61	53° 8	54° 7	49° 5	61° 4	1° 3	2° 0	378	372	91	87	E	3	NW	3	10	10	'007	Beautiful day throughout.	
9	30° '02	30° '14	63° 9	57° 7	48° 5	72° 8	6° 9	3° 0	377	390	63	81	NNW 3	NW	1	1	5	—			
10	'10	'13	60° 4	60° 5	52° 4	65° 7	1° 9	1° 6	403	475	89	90	SW	3	WSW 3	10	5	—			
11	30° '16	30° '11	66° 1	61° 7	55° 9	75° 1	5° 0	2° 3	466	473	73	86	W	2° 5	SE	3	5	0	—	Beautiful day throughout.	
12	29° '97	29° '85	72° 8	68° 9	57° 7	78° 2	7° 5	4° 6	514	530	64	75	SE	4	SSW	1° 5	0	8	—	Very warm all day, with	
13	'92	'94	65° 8	62° 7	62° 1	73° 5	1° 4	0° 7	582	545	91	96	SW	2° 5	SW	1° 5	10	10	—	Very warm and close.	
14	'96	'97	67° 8	66° 9	60° 4	83° 8	2° 5	5° 3	583	473	86	71	WSW	2	NNW	1° 5	3	9	—	Dull till 9a. Very hot all day.	
15	'92	'87	75° 0	72° 3	61° 1	84° 4	6° 1	4° 8	608	595	70	76	NE	2° 5	NNE	3	9	9	'005	Very hot all day. < 9p.	
16	29° '85	29° '92	73° 0	68° 5	63° 2	82° 4	5° 4	2° 9	590	582	72	83	E	4° 5	NE	1	4	0	—	Very hot all day.	
17	30° '01	30° '03	68° 1	64° 7	61° 1	79° 4	3° 5	1° 1	553	571	80	94	NW	2	S	1	5	0	—	Very hot all day.	
18	29° '98	'02	70° 2	68° 6	57° 6	83° 4	4° 6	5° 7	559	490	75	71	E	4° 5	SE	1° 5	3	10	'168	Very hot all day. R ² 8p.-11p.	
19	29° '95	'03	74° 0	64° 8	60° 6	78° 4	6° 2	1° 5	581	558	69	91	S	3	S	1	3	0	—	Beautiful day throughout.	
20	30° '07	30° '04	67° 5	64° 4	57° 4	80° 6	2° 9	1° 8	563	540	83	90	NE	1	S	1	7	0	—	Very hot all day. < 9p.	
21	30° '04	29° '91	74° 6	72° 0	55° 8	83° 6	8° 1	5° 6	531	561	62	71	SE	3	NE	2° 5	2	0	—	Very hot, but with pleasant breeze.	
22	29° '91	29° '94	67° 6	62° 9	62° 8	75° 5	1° 8	1° 3	605	529	90	93	NW	1° 5	SW	2° 5	10	0	—	Very warm, but with pleasant breeze.	
23	29° '97	'00	65° 7	62° 0	60° 0	70° 7	2° 6	1° 6	537	516	85	90	SW	3	SW	2	10	10	—	Dull nearly all day. < 9p.	
24	30° '13	'18	66° 0	56° 8	54° 3	72° 3	9° 9	4° 1	335	340	52	73	N	4	NNW	3	0	9	—	Delightfully fine and pleasant.	
25	'18	30° '11	61° 9	60° 0	51° 9	70° 3	5° 2	4° 1	392	392	71	76	SE	3	SE	1° 5	10	1	—	Beautiful day.	
26	30° '00	29° '91	63° 8	61° 9	50° 0	67° 0	4° 8	0° 8	433	526	73	96	S	3° 5	SW	4° 5	10	10	'010	● 9 1p.-3p.	
27	29° '81	'84	63° 9	57° 0	56° 9	65° 4	1° 1	1° 1	555	431	94	92	SW	4° 5	W	1° 5	10	1	'088	● a. and p.	
28	29° '95	'96	66° 0	57° 2	51° 4	70° 4	6° 5	4° 0	420	354	66	75	W	2° 5	W	3	3	0	'027	Fine and pleasant.	
29	30° '00	'96	63° 3	61° 7	49° 0	64° 6	5° 9	0° 5	395	532	68	97	SW	3	W	6	5	10	'127	● p.	
30	29° '88	29° '83	66° 0	64° 7	56° 9	76° 5	5° 9	2° 1	437	535	69	88	W	4° 5	SW	5	9	10	'017	Beautiful day throughout. ● 11p.	
31	30° '03	30° '22	65° 5	55° 1	53° 4	70° 5	8° 4	4° 5	364	315	57	72	NW	4	NNE	2	2	1	—	Beautiful day throughout.	
Mean	29° '961	29° '953	66° 3	62° 3	55° 5	73° 5	4° 8	2° 7	485	476	74° 8	84° 3	3° 0	2° 4	6° 5	5° 5	1° 232				

PLYMOUTH.—AUGUST 1898.

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.		Air Temperature.					Humidity.			Wind Direction and Force.		Cloud Amount.		Rain.	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.	67.7	60.6	49.1	73.1	5.9	2.5	in.	in.	W	N	1	1	ins.	Beautiful day.
2	29.97	29.93	59.3	61.7	48.7	64.5	1.2	2.9	4.66	4.48	S	WSW	10	6	—	Cloudy and dry.
3	'88	'78	63.8	58.8	57.8	67.3	2.0	1.9	5.22	4.37	SW	NNW	10	1	1.80	☉ showers.
4	'98	30.06	64.3	59.2	48.3	69.1	4.5	2.5	4.51	4.25	SW	SW	7	2	—	Fine and sunny.
5	'94	29.79	63.0	62.8	57.3	64.2	2.2	0.6	5.00	5.47	SSW	SW	10	9	1.00	☉ showers.
6	'69	'73	62.0	57.0	55.0	63.4	0.2	2.3	5.49	3.97	S	N	10	4	4.20	Overcast and unsettled, with ☉
7	'64	'68	54.4	57.5	50.6	61.9	1.1	1.6	3.92	4.25	NE	SE	10	10	1.10	☉ showers.
8	29.54	29.86	54.6	55.3	53.0	64.6	1.1	3.1	3.95	3.51	NE	SE	10	10	1.10	☉ a, then fine and sunny.
9	30.03	30.12	60.5	57.7	45.0	64.0	8.6	3.2	2.92	3.84	N	W	10	10	1.10	Fine and sunny till afternoon.
10	'04	'09	64.0	60.4	55.9	65.5	3.8	1.2	4.67	4.86	SW	SW	5	8	—	Dull day.
11	30.08	30.02	63.5	60.5	55.1	68.3	3.2	3.3	4.77	4.22	SSE	E	9	10	—	Fine and sunny all day.
12	29.80	29.78	69.2	62.3	58.8	72.4	5.4	0.8	5.08	5.34	SE	S	4	0	—	Fine and sunny.
13	'86	'91	66.0	62.2	59.5	71.8	3.7	2.4	5.06	4.78	Caln	NNW	9	2	1.06	Fine and sunny.
14	'92	'96	63.2	64.0	53.2	72.2	3.4	4.0	4.66	4.61	N	N	5	4	—	Cloudy, then clear and sunny.
15	'89	'84	66.5	67.3	59.0	77.7	4.7	3.3	4.84	5.44	WNW	N	10	4	—	Dull and unsettled all day.
16	'82	'88	71.4	66.0	61.2	74.0	5.6	3.2	5.48	5.22	NNW	N	5	0	—	Fine, dry, and very sunny.
17	'92	'91	71.6	66.8	56.7	74.4	6.5	2.8	5.22	5.52	E	ENE	0	2	—	Fine, clear, and sunny.
18	'85	'85	62.3	65.7	60.7	69.6	0.5	4.8	5.45	4.66	E	E	10	10	1.425	Very stormy with ☉.
19	29.88	29.97	66.9	62.8	58.8	69.8	3.4	0.4	5.34	5.57	SE	SE	9	6	—	Fine and sunny.
20	30.00	30.01	64.0	62.3	60.0	69.8	1.5	0.8	5.43	5.34	E	E	7	0	—	Fine and sunny.
21	29.91	29.79	71.9	72.4	59.0	74.8	6.9	0.2	5.15	7.82	E	E	3	2	1.020	Sunny most of day.
22	'86	'92	66.8	63.7	61.0	72.4	3.5	1.8	5.29	5.27	SW	SW	7	10	1.030	Very sultry and oppressive through-
23	29.89	29.99	64.8	59.8	58.0	71.4	0.8	5.1	5.83	3.64	SSW	N	9	8	—	out.
24	30.10	30.14	62.5	56.3	49.9	64.9	5.7	4.5	3.88	3.31	SE	NE	9	3	—	Fine and sunny all day.
25	30.11	30.04	61.0	60.6	47.9	66.3	4.1	2.2	4.07	4.58	SE	SE	3	4	1.170	Overcast with ☉ showers.
26	29.90	29.89	63.0	62.4	57.7	71.0	0.2	0.6	5.69	5.43	SW	SW	10	10	1.020	☉ showers. Sunny intervals.
27	'74	'86	65.0	58.0	56.9	65.9	0.9	3.5	5.84	3.80	SW	WNW	10	0	1.035	Overcast and stormy, with ☉.
28	'92	'98	63.3	57.5	53.9	65.9	4.7	3.6	4.28	3.69	SW	W	7	0	1.020	Very stormy and unsettled all day.
29	'94	'79	61.0	62.0	49.6	63.2	3.7	1.4	4.19	5.07	SSW	WNW	9	10	1.065	Fine, dry, and sunny.
30	29.88	29.84	64.0	63.6	49.8	68.0	1.2	1.1	5.53	5.49	SW	SW	10	10	1.050	
31	30.02	30.20	60.2	53.0	52.0	64.2	6.3	2.4	3.40	3.37	NNW	N	5	0	—	
Mean	29.904	29.924	63.9	61.3	54.8	68.6	3.4	2.4	4.82	4.70	—	—	7.4	5.0	2.755	

LONDONDERRY.—AUGUST 1898.

Height above Mean Sea Level, 67 feet. Heights above Ground:—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 7° 19' W. Lat. 55° 0' N. Gravity Correction, +027 in.

1	29.97	29.88	63.5	60.7	55.4	69.2	3.8	3.0	4.39	4.35	W	SW	10	10	1.040	☉ a, -6p.
2	'67	'63	61.7	58.1	57.0	64.1	1.4	1.4	5.02	4.41	SW	WSW	10	6	1.330	
3	'59	'66	59.6	54.7	49.6	62.0	4.1	3.0	3.87	3.46	SW	W	10	3	1.050	
4	'79	'84	56.7	53.3	50.4	63.1	4.7	2.3	3.31	3.43	WSW	SW	9	10	1.430	
5	'39	'53	65.2	55.2	52.2	66.0	2.7	2.9	5.24	3.55	SW	NW	10	10	1.020	
6	'70	'70	56.7	53.9	49.6	61.7	5.0	2.9	3.24	3.35	W	W	2	10	1.030	
7	'63	'64	54.7	51.7	43.3	67.7	3.0	1.1	3.46	3.55	E	E	1	3	1.200	☉ n. and noon-sp.
8	29.78	'97	54.8	53.3	48.4	63.3	3.9	3.3	3.26	3.18	SW	N	1	10	1.030	☉ showers a.
9	30.04	'84	57.7	54.7	46.0	69.0	5.0	2.0	3.38	3.72	SW	SE	3	10	1.030	
10	29.59	'78	63.0	62.7	52.0	67.0	0.3	1.0	5.65	5.35	SW	SW	2	10	1.030	☉ till noon and in evening.
11	'83	'76	65.7	61.9	58.0	73.2	2.1	4.2	5.55	4.20	S	S	2	10	1.030	
12	'60	'56	64.2	56.0	55.0	65.0	0.5	0.5	4.34	4.34	SW	SW	2	10	1.030	☉ during day.
13	'72	'81	66.7	59.3	54.0	74.2	5.0	2.6	4.78	4.23	SW	Caln	0	5	0	—
14	'79	'95	61.7	57.7	53.4	68.0	3.5	3.0	4.37	3.90	SSE	Caln	0	9	0	1.570
15	'99	29.99	60.2	60.7	48.4	77.0	3.1	2.0	4.23	4.05	SW	E	1	6	10	1.070
16	29.99	30.04	59.5	56.8	53.4	75.2	2.9	0.3	4.18	4.53	W	W	1	3	0	—
17	30.10	'10	61.1	56.2	50.0	73.5	3.6	1.8	4.24	3.99	Caln	E	1	4	9	—
18	'05	30.04	59.7	60.7	50.2	66.7	2.0	2.4	4.49	4.53	ENE	NE	1	10	1.130	☉ (mist) a, and p.
19	30.05	29.98	56.7	59.4	54.7	66.0	2.0	1.7	4.01	4.53	E	SE	2	10	1.010	☉ during day.
20	29.96	'97	64.7	64.7	57.6	72.0	3.0	2.0	5.05	5.39	Caln	Caln	0	10	1.080	Fine and warm p.
21	'99	'90	64.4	64.0	59.4	78.0	2.7	2.3	5.09	5.15	SW	SE	1	10	1.010	
22	'72	29.68	67.7	62.7	58.6	77.2	4.2	1.1	5.22	5.32	SW	SW	1	8	10	1.050
23	29.94	30.05	59.7	55.2	53.0	63.8	6.0	2.5	3.41	3.65	SW	E	2	10	1.010	
24	30.14	30.17	60.5	54.7	52.0	63.0	4.7	3.0	3.84	3.46	SE	SE	1	10	1.010	
25	30.05	29.90	60.7	61.3	51.2	67.6	5.0	2.6	3.79	4.57	SW	SE	1	10	1.010	
26	29.74	'45	64.6	63.7	58.2	70.0	3.0	1.0	5.04	5.54	SE	SE	4	10	1.190	
27	'46	'58	57.7	54.7	51.0	64.0	2.7	2.5	3.97	3.30	SW	W	5	10	1.250	☉ showers all day.
28	'64	'85	50.3	49.7	46.8	58.0	1.7	3.0	3.21	2.83	NW	NW	3	10	1.210	☉ showers all day.
29	'67	'52	51.4	50.5	48.3	61.0	1.1	1.7	3.51	4.06	SE	SE	4	10	1.130	☉ nearly all day.
30	29.59	29.61	59.7	51.3	50.0	62.3	5.0	1.3	3.65	3.44	SW	SW	5	10	1.700	☉ showers a.
31	30.01	30.17	53.7	53.7	48.7	60.0	3.0	2.0	3.32	3.57	SW	SW	2	8	10	1.020
Mean	29.812	29.823	60.1	57.3	52.1	67.4	3.4	2.1	4.20	4.41	2.3	2.1	8.9	7.2	4.530	

ARMAGH.—AUGUST 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	59.7	60.5	54.3	68.3	2.8	2.4	4.25	4.49	83	86	SW 1	SW 1	10	10	ins.	
2	29.87	29.79	60.5	60.0	51.0	68.1	4.5	0.8	4.54	4.92	75	95	SSW 3	WSW 1	10	10	3.05	
3	'60	'52	59.8	53.1	50.5	62.5	2.0	2.5	4.18	3.36	87	83	SW 1	SW 1	10	9	1.78	
4	'56	'57	56.0	56.0	50.5	64.0	3.9	3.8	3.43	3.45	76	76	W 1	SW 1	8	9	2.65	
5	'72	'74	65.3	55.2	53.0	67.4	1.4	2.0	5.71	3.79	91	87	SW 2	NW 1	10	10	7.28	
6	'34	'38	59.0	50.9	45.1	63.1	5.9	1.1	3.32	3.46	67	93	WNW 1	NW 0.5	8	10	—	
7	'59	'58	58.7	54.0	44.2	63.4	6.7	1.1	3.11	3.85	62	92	SSW 1	Caln 0	8	10	2.28	
8	'64	'81	56.9	51.4	49.8	63.0	4.7	1.8	3.33	3.33	71	88	NW 0.5	NW 1	10	7	1.75	
9	'92	'78	56.8	54.0	40.0	63.3	5.9	0.7	3.95	3.97	67	95	W 0.5	S 2	10	10	6.10	
10	'53	'70	64.7	65.1	51.5	72.5	1.0	2.0	5.74	5.46	94	88	SSW 3	SSW 3	10	10	1.076	
11	'76	'68	65.9	58.1	57.0	71.0	4.0	3.2	4.94	3.89	78	80	S 4	S 4	10	3	—	
12	'49	'46	64.6	60.5	55.3	65.3	4.7	0.5	4.50	5.10	75	97	SSE 4	SSW 2	10	4	1.98	
13	'63	'70	60.6	60.0	55.0	71.2	6.0	0.3	4.46	4.75	69	92	SSW 3	SSW 2	7	10	0.40	
14	'79	'81	63.0	58.7	54.5	70.9	3.6	2.8	4.55	4.09	79	82	S 3	WSW 0.5	9	7	—	
15	'87	'85	59.3	61.3	48.5	71.0	3.4	0.4	4.01	3.89	79	97	WSW 1	S 1	7	10	1.030	
16	'85	'89	63.9	54.8	54.8	71.1	3.2	1.8	5.87	3.78	99	83	W 0.5	N 0.5	4	0	—	
17	'96	'94	57.9	57.9	48.7	71.0	2.5	2.8	4.06	3.97	84	83	NE 1	ENE 1	8	3	—	
18	'90	'88	59.9	59.6	51.2	62.7	1.5	2.1	4.67	4.44	91	87	NNE 2	NNE 2	10	10	0.42	
19	'87	'83	60.0	58.8	55.0	61.8	3.2	0.9	4.47	4.67	81	95	NE 1	ESE 1	9	10	0.12	
20	'85	'85	63.1	62.6	57.7	69.0	2.1	1.8	5.05	5.05	87	89	SE 3	SE 1	10	10	—	
21	'87	'78	67.9	60.0	57.0	71.7	4.2	0.8	5.86	4.92	77	95	S 0.5	SE 1	7	9	—	
22	'60	'60	69.9	63.7	51.5	71.3	6.1	3.1	5.92	4.84	69	82	SSE 2	S 3	10	10	0.24	
23	29.81	29.94	61.4	54.9	53.2	64.5	2.8	1.3	4.53	3.94	81	92	NW 1	W 1	8	10	—	
24	30.02	30.04	59.7	55.2	51.6	63.0	6.6	2.0	3.86	3.79	64	87	W 1	NNW 0.5	10	10	—	
25	29.94	29.80	61.6	59.7	51.5	65.1	6.7	2.8	3.49	4.25	65	83	S 3	S 2	2	10	0.43	
26	'63	'39	61.7	63.8	58.0	65.7	1.8	1.1	4.90	5.53	89	93	S 2	SSW 4	10	10	1.40	
27	'37	'49	57.2	52.3	51.8	64.0	2.6	2.7	3.92	3.22	84	82	SSW 2	SW 2	10	5	0.90	
28	'56	'74	51.3	50.9	48.4	60.0	1.6	3.5	3.37	2.86	89	77	WSW 3	WSW 1	7	10	1.60	
29	'56	'45	51.9	56.8	47.7	62.8	1.5	2.9	3.46	3.77	90	81	S 3	WSW 1	10	10	0.40	
30	'51	29.49	59.9	51.2	51.2	62.2	3.3	1.5	3.86	3.38	75	90	SW 3	WNW 1	10	5	1.10	
31	29.92	30.06	54.8	53.1	46.5	62.4	4.0	3.1	3.23	3.21	76	79	WNW 1	SW 1	10	10	—	
Mean	29.706	29.711	60.7	57.2	51.5	66.3	3.6	2.0	4.23	4.16	79.3	87.5	1.9	1.4	9.0	8.4	3.944	

DUBLIN (PHENIX PARK).—AUGUST 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		Percentage.		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.			9 a.m.		
1	ins.	ins.	61.4	58.7	56.8	65.0	4.0	0	in.	in.	%	%	W	1	0	ins.	
2	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	2	Cloudy day.
3	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	2	Cloudy. ☉ showers from 5p.
4	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	Dull and cloudy, with ☉ showers.
5	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	Fine day.
6	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	Cloudy, with ☉ showers.
7	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
8	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
9	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
10	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
11	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
12	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
13	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
14	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
15	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
16	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
17	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
18	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
19	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
20	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
21	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
22	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
23	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
24	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
25	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
26	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
27	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
28	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
29	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
30	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
31	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77	85	WSW	2	9	1	
Mean	29.95	29.89	61.4	58.7	56.8	65.0	4.0	2.4	418	420	77.5	86.4	0.9	0.5	6.7	5.7	3.810

PARSONSTOWN—AUGUST 1898.

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	29.96	29.90	61.5	59.7	57.7	63.7	4.2	1.1	413	477	76	94	W	1	W	2	10	10	—	Dull day. 7p..
2	80	64	66.4	62.8	57.6	68.6	4.6	0.4	486	557	75	97	W	3	WNW	3	10	10	368	Dull day. 5p.
3	61	68	59.4	55.0	56.0	62.8	2.6	2.7	425	373	85	83	W	1	W	2	10	10	074	a. Bright p.
4	82	81	60.0	58.0	52.7	64.9	0.9	3.0	488	393	95	81	W	2	Calm	0	10	10	611	
5	52	49	65.0	57.8	53.0	66.8	1.3	1.5	569	433	92	90	W	2	NW	1	10	10	299	2 all day.
6	66	63	56.7	51.7	49.5	61.6	4.1	2.2	346	327	75	86	Calm	0	Calm	0	10	8	—	Calm and mild.
7	57	55	58.4	54.5	43.0	64.4	5.9	1.6	326	379	67	89	Calm	0	Calm	0	4	10	322	2p.-4p.
8	69	90	55.5	51.6	50.7	63.3	3.0	1.9	357	333	81	87	NW	1	Calm	0	8	0	050	showers.
9	99	81	54.6	55.5	42.5	60.8	3.9	1.4	322	400	76	91	Calm	0	SE	2	10	10	844	2 at night.
10	69	79	64.5	65.3	54.2	66.7	1.2	1.4	563	571	93	91	SW	1	W	3	10	10	058	2 a. Dull and close.
11	81	71	63.5	58.5	57.8	68.0	3.2	2.8	477	406	81	82	S	1	WNW	3	9	9	—	Fine and warm.
12	50	53	62.7	56.8	56.8	63.2	3.1	0.7	466	441	82	95	S	3	Calm	0	10	0	622	2 till 5p.
13	68	75	66.0	58.8	55.0	71.6	5.3	2.5	455	423	72	85	S	1	Calm	0	3	3	019	showers in afternoon.
14	72	87	64.7	54.3	53.7	67.5	4.3	2.2	463	361	76	85	SSE	2	Calm	0	9	1	082	Bright and warm.
15	90	90	59.7	58.6	47.3	68.7	3.2	1.6	414	442	81	90	Calm	0	Calm	0	7	10	067	from 6p.
16	90	94	61.7	55.9	48.2	68.8	4.1	2.3	419	383	76	86	NW	1	Calm	0	2	7	—	Fine and warm.
17	98	94	57.7	59.6	47.8	70.8	2.1	4.0	414	389	87	77	Calm	0	Calm	0	3	9	442	2 a. Fine and warm.
18	91	85	59.6	58.9	56.4	67.6	0.9	2.2	482	429	94	86	Calm	0	Calm	0	10	10	528	2 early a. 2 at night.
19	83	81	61.6	60.8	57.7	64.5	1.7	1.9	492	471	89	88	SE	1	Calm	0	10	2	160	Dull, with 2. ∞ p.
20	85	88	67.4	63.2	59.8	70.4	4.7	2.7	500	487	75	84	SE	2	SE	1	8	7	—	Fine day.
21	89	81	64.4	61.4	57.4	71.2	3.4	1.4	486	497	80	92	SE	1	Calm	0	7	10	010	Warm and close, with T 2. < p.
22	63	29.64	67.5	62.5	54.7	69.7	4.8	1.7	498	506	74	90	SE	1	SW	3	9	10	054	in afternoon.
23	29.89	30.01	59.4	54.6	59.7	64.1	5.3	2.6	353	353	70	83	NW	1	Calm	0	3	10	—	Fine and bright.
24	30.08	30.08	57.5	55.6	52.3	63.2	3.9	1.8	362	391	77	88	Calm	0	Calm	0	10	3	—	Cloudy day. ∞ p.
25	29.97	29.74	59.0	59.0	47.9	67.0	4.2	0.8	375	474	75	95	SE	2	Calm	0	9	10	1-062	p. 2 at night.
26	70	51	62.7	64.7	57.5	67.5	1.9	1.2	504	567	89	93	Calm	0	S	1	10	10	510	Dull, with 2.
27	47	65	57.6	53.5	59.8	66.5	2.0	3.6	415	314	87	76	S	1	NW	2	10	0	038	2 a. showers p.
28	61	85	56.8	52.6	49.8	60.4	4.6	2.8	335	323	72	81	W	2	W	2	6	10	034	showers.
29	63	60	56.5	58.6	47.9	63.9	2.4	3.8	387	380	85	77	S	1	W	4	10	10	043	Dull, with 2.
30	29.62	29.67	60.5	53.7	52.9	66.8	2.8	2.9	437	334	83	81	W	1	WNW	3	10	4	044	showers.
31	30.00	30.13	57.5	53.1	45.5	62.8	5.6	2.4	321	339	68	83	NW	1	Calm	0	0	10	—	Fine day.
Mean	29.770	29.776	60.8	57.7	52.5	66.1	3.4	2.1	431	418	80.3	86.6	1.1		1.0		8.0	7.5	6.341	

DEERNES—SEPTEMBER 1898.

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.		Air Temperature.				Humidity.					Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.			
							Dep. of Wet.		Vapour Tension.		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.								ins.			
1	29.83	29.82	56.0	52.7	50.0	58.2	3.7	1.7	34.8	35.1	77	88	WbyS 6	SW	4	9	9	0.60	Mackerel sky ga. and from 6p.	
2	71	29.84	52.3	53.0	50.3	56.8	0.2	1.0	337	374	99	93	SSE 2	SE	2	10	9	0.65	Very fine.	
3	29.87	30.00	56.8	58.2	52.2	60.3	0.3	0.2	453	479	98	99	Calmo	W	3	10	10	385	☉ all day.	
4	30.10	30.07	60.0	55.0	54.0	65.6	2.8	0.4	420	421	83	97	W	3	SSE	1	2	0	—	☉ Very fine. [since 189
5	29.97	29.94	65.4	57.1	53.3	71.0	4.0	1.5	485	421	78	90	SSW 1	E	2	1	0	—	☉ Very fine. Warmest da	
6	86	72	60.7	55.6	55.2	64.6	1.4	0.5	484	441	92	96	SSE 1	SSE	3	8	4	—	☉ Very fine. Sun-dog 6p.	
7	74	70	62.0	58.2	55.0	64.3	2.0	0.5	487	470	88	97	S by E 1	SSE	2	2	2	070	☉ (sleet) showers p. T	
8	62	72	61.0	54.8	53.2	62.0	1.8	0.8	477	406	89	94	S by E 2	Calmo	0	3	8	315	☉ showers tra. T	
9	57	48	53.1	54.1	52.1	57.8	0.1	3.2	401	331	99	79	NW 1	SW	3	10	10	060	T 10a.	
10	32	42	56.4	53.3	51.8	58.9	2.3	4.5	389	292	87	71	WSW 7	WSW 6	5	0	0	180	☉ (gale) ☙.	
11	37	43	51.9	50.0	49.0	55.8	2.2	1.0	354	334	86	93	SW 2	WSW 2	9	10	10	200	☉ showers.	
12	58	59	51.8	49.6	46.7	53.5	5.0	1.7	265	313	70	88	W 4	SW	4	2	1	380	☉ showers. Sunny intervals.	
13	59	57	52.8	53.9	48.2	57.1	1.8	3.1	350	331	87	80	SSW 2	SW	2	8	10	280	Mackerel sky.	
14	29.47	29.86	55.4	50.7	50.7	57.7	1.7	3.7	391	279	89	76	W 7	W	4	8	1	—	☉ Fine and bright, with ☙. ☙	
15	30.04	30.03	52.0	54.0	45.5	55.8	2.1	1.0	333	388	85	93	WSW 1	S by E 3	10	2	—	—	☙ Warm and dry. ∞.	
16	29.93	29.77	59.5	56.5	43.4	62.3	1.8	1.1	451	424	89	93	S by E 2	S	2	3	0	—	☙ ☙ a. ☉ 7p.	
17	62	43	55.0	58.0	53.3	58.0	0.3	1.3	424	442	98	91	SSE 3	S	3	10	10	170	☙ ☙ a. ☉ 7p.	
18	39	56	55.0	57.3	46.3	59.1	0.7	2.6	412	394	95	83	W 3	WSW 2	10	9	—	660	—	
19	62	71	47.0	45.3	41.8	57.3	1.7	2.3	282	250	88	83	WSW 5	WNW 1	3	1	1	180	☉ showers 3a. ▲ ●	
20	41	38	54.3	54.6	44.8	58.7	0.6	0.7	405	497	96	95	SSW 3	W	6	10	10	400	☉ showers.	
21	64	29.76	49.9	47.3	46.7	55.1	3.2	3.6	281	244	79	75	WNW 6	WNW 5	10	1	—	—	—	
22	29.92	30.07	47.3	46.6	45.1	50.8	1.3	1.8	294	276	91	88	NW 5	NNW 2	9	10	10	020	—	
23	30.12	30.11	46.1	46.1	42.8	51.7	1.0	2.9	288	247	93	79	NW 1	NE	2	9	9	—	☉ Golden sunset.	
24	30.06	29.99	47.8	46.7	45.0	49.3	4.0	3.0	242	251	73	80	E 2	E	1	10	10	—	☉ Rosy sunset.	
25	29.91	92	48.6	47.1	45.6	50.1	3.9	1.9	252	279	73	86	ESE 1	ESE	1	10	10	—	☉ Visibility.	
26	86	69	50.4	50.8	47.0	52.4	4.4	2.4	261	311	72	84	SE 3	SE	5	10	10	—	—	
27	52	45	53.5	53.3	49.1	55.0	2.5	2.9	340	328	83	80	SE 3	SSE	6	6	10	640	☉ Breezy day.	
28	40	39	50.1	47.0	45.8	53.6	1.0	1.3	336	291	93	91	ESE 4	SSW 4	10	5	380	☉ showers all day.		
29	50	65	49.3	51.2	44.7	53.3	2.5	3.1	291	299	83	80	SSW 5	SSE	3	9	10	220	☉ showers a. ☙	
30	29.76	29.86	53.2	51.9	48.0	53.8	1.2	1.0	371	359	92	93	SSE 3	WSW 1	10	2	050	☉ showers a. ∞ 0 p.		
Mean	29.710	29.730	53.9	52.4	48.6	57.3	2.1	1.9	365	348	86.8	87.2	3.0	2.8	7.5	6.1	4.115			

BRAEMAR.—SEPTEMBER 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
							Dep. of Wet.		Vapour Tension.		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.							in.	in.	%	%	NW	2	NW	0.5	6	8	ins.	Fine day.
2	28.96	28.93	54.6	51.3	45.3	55.4	6.1	4.5	27.4	26.9	65	72	NW	2	NW	0.5	6	8	.350	Dull with a.
3	28.96	28.88	53.9	58.6	48.5	65.3	1.4	1.3	37.6	45.1	91	92	NW	0.5	W	0.5	10	10	.110	Fine and warm.
4	28.96	29.09	66.0	63.1	56.5	72.0	4.5	3.2	48.0	47.0	76	82	SW	2	SW	1	7	6	—	Fine and warm.
5	29.15	.13	67.9	60.8	56.2	80.0	10.7	3.3	34.5	42.8	50	81	SW	0.5	SW	0.5	1	0	—	Fine and warm.
5	29.04	29.00	67.7	67.6	45.0	77.0	5.2	3.1	49.0	55.8	72	83	SW	0.5	SW	0.5	2	5	—	Fine and warm.
6	28.95	28.80	65.9	67.9	61.0	74.8	3.1	4.1	39.4	32.9	82	77	SW	0.5	SW	0.5	7	6	—	Fine and warm.
7	.81	.75	67.6	60.8	59.0	70.6	5.7	2.1	47.3	46.4	71	87	SW	0.5	SW	0.5	7	7	—	Fine and warm.
8	.71	.75	63.4	55.6	54.3	66.6	4.6	2.4	43.3	37.5	74	84	SW	0.5	SW	0.5	7	8	.490	Fine and warm.
9	.62	.57	53.9	54.7	50.0	61.7	1.4	3.9	37.6	29.8	91	75	SW	0.5	W	4	9	9	—	Gusty.
10	.50	.59	58.6	53.6	49.2	66.3	5.8	4.1	33.1	30.4	67	74	W	6	SW	8	3	6	—	Fair a. 7P.
11	.55	.49	56.3	51.6	50.3	59.2	4.5	2.1	33.1	32.8	72	86	SW	0.5	SW	4	6	8	.200	Fine day.
12	.70	.71	49.3	48.8	43.3	55.6	4.8	3.3	24.2	26.8	69	78	SW	0.5	SW	4	6	8	.060	Fine day.
13	.67	.68	51.6	51.7	47.0	60.3	2.4	2.5	32.0	23.9	83	83	SW	4	SW	1	8	5	.050	Fine day.
14	28.68	28.95	58.6	49.6	48.1	61.4	4.1	4.4	37.2	25.3	76	71	SW	2	W	0.5	8	0	—	Fine day.
15	29.07	29.08	50.4	55.6	43.3	65.8	1.9	1.8	31.8	39.1	88	88	SW	0.5	SW	0.5	8	7	.010	Fine day.
16	29.01	28.82	63.9	63.9	54.0	71.0	6.4	6.1	39.1	39.9	66	67	SW	1	SW	0.5	5	1	—	Fine day.
17	28.68	.52	57.6	60.4	45.6	79.8	1.8	2.0	42.1	46.0	88	88	SW	0.5	SW	8	0	7	.190	Dull with.
18	.46	.67	55.0	42.6	41.0	62.1	2.5	2.8	36.2	21.5	84	80	SW	0.5	SW	0.5	8	1	.450	Fine day.
19	.74	.73	47.6	43.6	36.1	58.0	3.9	1.1	24.2	25.9	74	91	SW	1	SW	0.5	4	5	.060	Dull with showers.
20	.55	.51	60.2	55.7	41.8	61.0	4.0	3.2	39.9	35.6	76	80	SW	2	SW	2	7	6	.090	Fine day.
21	.71	28.86	52.3	43.6	42.0	59.2	5.8	2.4	25.4	23.2	65	82	SW	2	SW	0.5	6	0	—	Fine day.
22	28.92	29.06	47.6	38.4	34.3	56.0	5.1	1.9	21.9	19.5	67	85	SW	0.5	W	0.5	1	0	—	Fine day.
23	29.09	29.07	42.6	38.9	29.8	59.2	1.3	0.6	24.5	22.5	89	95	W	0.5	W	0.5	8	2	—	Fine day.
24	29.03	28.93	41.8	41.4	35.0	53.0	1.2	1.9	24.0	22.2	91	86	NW	0.5	W	0.5	10	8	—	Fine day.
25	28.89	.88	41.7	44.9	35.3	50.2	2.2	3.2	21.9	22.9	84	77	W	0.5	W	0.5	8	8	—	Fine day.
26	.87	.69	42.9	45.9	31.8	52.2	2.6	2.1	22.2	26.3	81	86	SW	0.5	SW	0.5	7	7	—	Fine day.
27	.56	.40	48.4	50.1	39.2	54.1	1.6	2.6	30.0	29.7	89	82	SW	0.5	SW	0.5	7	8	.030	Fine a. Dull p.
28	.38	.53	46.1	44.3	42.6	50.5	3.6	3.6	23.4	21.6	75	73	SW	2	W	2	8	7	.010	Fine day.
29	.61	.56	44.6	47.0	35.7	50.5	2.9	1.4	23.2	28.9	79	90	W	2	W	0.5	4	9	.400	Fine a. p.
30	28.72	28.88	48.6	51.4	45.2	52.2	0.8	2.2	32.3	32.3	95	85	W	0.5	W	0.5	10	9	.030	Fine day.
Mean	28.776	28.785	54.2	52.0	44.9	61.8	3.7	2.8	33.3	32.3	77.7	82.0	1.3	1.4	6.3	5.7	2.530			

LAUDALE.—SEPTEMBER 1898.

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.	30° 16'	30° 10'	57° 0'	56° 0'	51° 7'	59° 4'	5° 0'	3° 2'	327	360	70	80	WNW	2	S	4	9	8	860	Squally with showers p.
1	30.16	30.10	57.0	56.0	51.7	59.4	5.0	3.2	327	360	70	80	WNW	2	S	4	9	8	860	Squally with showers p.
2	29.85	29.04	62.4	61.8	55.0	62.7	1.6	1.8	508	490	91	89	W	7	WSW	6	10	10	1.100	☁ showers.
3	30.14	30.23	63.5	61.0	58.0	63.8	1.5	0.8	532	510	91	95	W	2	Calm	0	10	9	0.080	☁ (mist) a. ☁ showers.
4	33	33	63.0	60.0	52.8	76.4	3.0	5.0	474	464	82	73	E	2	ESE	2	0	0	—	Very fine and hot. ☁
5	30.08	29.08	69.9	70.3	65.0	76.0	6.1	4.3	502	571	69	76	S	3	SSE	2	2	8	—	Very fine and hot. ☁
6	30.01	29.88	71.3	70.2	64.2	77.7	5.3	4.2	556	573	72	77	SSE	4	SSE	4	3	2	0.060	T before ga. Very fine and hot.
7	29.90	28.85	65.0	65.0	64.0	77.5	2.6	2.6	524	524	85	85	S	4	S	3	9	6	700	☁ showers.
8	28.84	28.88	60.5	56.5	55.5	65.8	0.7	1.2	503	421	96	92	WSW	2	SW	1	10	10	300	☁ showers.
9	28.77	28.77	55.4	55.3	51.0	61.4	0.6	3.3	422	346	97	79	Calm	0	NNW	3	10	7	150	☁ (mist) a. ☁ showers.
10	28.71	28.78	57.0	58.3	54.4	61.2	2.2	3.6	399	381	86	78	NW	4	NW	4	10	8	170	Dull a. ☁ showers p.
11	28.68	28.70	58.8	54.0	51.7	61.2	3.5	2.0	391	360	79	86	SW	1	W	3	10	8	500	Cir. a. ☁ showers p.
12	28.89	29.01	52.4	52.1	50.4	57.0	3.4	1.1	306	360	78	89	W	2	WNW	1	10	7	390	☁ showers p.
13	29.88	30.14	56.0	55.0	52.0	59.2	1.7	2.0	399	375	89	87	W	2	WNW	1	10	10	020	☁ showers a. and p.
14	30.19	30.21	56.4	61.0	52.0	66.5	1.2	1.0	419	503	92	94	SW	3	Calm	0	10	10	010	Fine and warm. ☁ p.
15	30.09	29.90	65.0	62.7	58.0	72.2	5.0	3.7	447	447	73	78	S	3	SSE	2	2	0	0.010	☁ shower ga. ☁ showers p.
16	29.69	28.58	66.5	63.4	59.0	73.0	6.3	2.4	435	500	67	86	NW	2	NW	3	10	8	230	☁ showers p.
17	28.63	28.83	49.0	50.0	46.2	67.3	1.3	3.0	315	286	91	80	NW	2	NW	3	10	8	800	Fine day.
18	28.90	28.82	51.4	55.3	44.0	61.7	2.7	2.3	312	372	82	85	W	2	W	3	4	10	550	☁ all day.
19	28.73	29.75	61.0	54.7	54.0	62.0	2.0	1.1	470	397	88	93	SW	4	WNW	3	10	10	010	Fine and seasonable.
20	29.06	29.05	53.0	49.0	48.6	57.7	2.3	2.2	340	294	84	85	N	2	N	2	8	2	0.010	Fine and seasonable.
21	30.15	29.20	51.7	45.0	44.0	59.2	3.7	1.0	291	275	76	92	N	1	N	1	1	0	—	☁ a. Fine and warm.
22	29.25	29.20	50.0	47.0	41.0	61.2	3.0	1.0	286	298	80	93	NE	1	ESE	1	0	0	—	☁ a. Fine and warm.
23	29.15	29.09	49.8	45.0	45.0	59.3	2.8	1.0	288	275	81	92	E	2	Calm	0	0	0	—	☁ a. Fine day. ☁ p.
24	30.04	30.01	48.3	50.0	41.0	58.2	3.0	1.3	268	327	79	91	E	2	ESE	1	0	3	—	Dull and threatening. ☁ p.
25	29.99	29.79	48.0	54.8	44.2	56.2	0.1	3.3	332	340	99	79	ESE	2	SSE	3	3	9	—	☁ a. and p. Squally p.
26	28.63	28.53	56.2	51.0	50.0	57.0	3.9	0.6	345	358	76	96	S	4	S	4	9	10	1.840	☁ showers a. ☁ from ap.
27	28.66	28.74	51.8	50.1	47.0	55.2	3.8	3.2	290	283	75	78	NW	4	W	4	10	7	170	☁ showers a. ☁ from ap.
28	28.71	29.71	51.0	47.8	41.9	53.0	4.0	0.8	276	312	74	94	SSE	3	SSE	1	8	10	560	☁ showers a. ☁ from ap.
29	28.86	29.05	49.0	50.0	47.0	54.7	1.1	2.0	320	309	92	86	NE	1	Calm	0	10	4	020	☁ (mist) a.
30	29.26	29.932	57.0	55.7	51.4	63.2	2.9	2.2	390	389	82.5	86.0	2.8	2.4	6.8	6.5	8.830			

DUNDEE.—SEPTEMBER 1898.

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.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
								Dep. of Wet.			Vapour Tension.		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.	58.9	53.7	46.9	62.2	4.6	2.7	363	338	73	82	W	2	W	2	5	10	ins.
2	29.72	29.98	57.3	61.5	51.0	71.5	0.2	1.2	464	505	99	93	W	1	W	2	10	10	200 Dull from 2p.
3	29.98	30.11	67.1	65.1	59.5	74.7	3.0	2.5	551	529	83	85	SW	1	W	4	10	5	050 n. and till 9a.
4	30.17	30.14	67.1	61.9	56.2	81.6	4.9	2.5	488	470	73	85	W	1	W	1	5	0	— Fine and sunny.
5	30.09	30.00	65.8	61.8	51.7	79.0	2.4	0.9	546	521	86	94	W	1	W	1	0	10	—
6	29.94	29.81	71.4	59.9	57.8	78.0	3.6	1.3	620	474	80	93	SE	1	NE	1	5	10	—
7	78.2	77	68.6	61.6	55.2	76.5	3.0	1.0	580	513	83	94	SE	1	SW	1	5	10	—
8	73	73	67.1	61.2	56.3	71.2	3.9	1.1	531	503	78	94	SW	1	SW	1	5	10	—
9	71	62	56.8	54.3	53.5	65.9	1.2	3.1	426	336	92	79	W	1	W	2	10	0	—
10	55	61	60.1	57.1	52.7	67.5	3.3	3.4	416	368	81	79	W	6	W	6	5	5	020
11	57	50	58.9	55.3	53.4	62.6	1.3	1.7	456	389	92	89	W	1	W	2	10	10	030 showers 8a.-3p.
12	74	76	54.6	52.6	45.3	60.8	5.0	2.0	296	343	70	86	NW	4	W	4	5	10	020 Cloudy day.
13	72	71	54.8	56.3	50.6	61.7	0.7	2.2	410	390	95	86	SW	2	W	2	10	10	—
14	29.67	29.99	65.6	55.3	54.6	69.7	3.7	2.7	499	362	80	83	W	4	W	2	5	5	—
15	30.10	30.11	54.9	54.4	52.0	60.4	1.2	0.6	397	407	93	97	S	1	NE	1	10	5	010 10a.-2p.
16	30.01	29.84	59.9	56.8	52.4	73.4	1.3	0.5	474	447	93	96	SE	1	NW	1	0	—	—
17	29.68	55	60.2	63.4	52.0	70.4	1.5	1.3	472	538	91	93	E	1	SW	1	0	10	230 Dull from 3p. 9p.
18	50	72	56.9	47.6	44.8	64.8	0.6	2.8	445	265	96	81	SW	1	W	4	10	7	060 showers n. and till 3p.
19	78	76	49.0	48.1	44.3	67.7	0.6	0.5	332	324	96	96	SW	1	SW	1	10	10	120 showers 7a.-9a.
20	59	52	59.6	58.1	47.3	63.5	1.2	0.5	472	468	92	96	W	2	W	4	10	10	050 showers.
21	29.73	29.87	54.9	50.9	48.4	62.7	4.1	1.4	322	334	75	91	W	2	NW	1	5	7	—
22	30.00	30.10	45.9	44.2	38.1	60.9	1.1	0.8	285	272	93	94	NW	1	SE	1	5	7	—
23	14	30.12	49.6	43.9	38.2	60.8	1.8	0.9	310	266	88	93	NW	1	SE	1	10	5	—
24	30.05	29.98	51.0	47.6	42.0	53.8	3.7	1.9	283	284	76	87	NE	1	W	1	10	10	—
25	29.93	92	48.6	47.1	44.8	51.9	3.2	1.5	267	288	78	89	W	1	SE	1	10	10	—
26	90	70	48.9	46.8	45.0	56.6	2.7	1.2	282	291	81	91	SE	1	SE	1	7	10	—
27	58	40	50.5	52.4	40.4	59.7	1.1	0.8	339	371	92	94	SE	1	SE	4	10	10	040 Dull day.
28	36	58	47.9	46.6	45.8	53.1	2.3	2.4	278	262	84	83	NW	6	W	4	10	10	010 showers n. and till 11a.
29	64	56	45.1	39.4	56.0	0.5	0.3	288	365	96	98	SE	1	SE	1	0	10	10	1030 from 3p.
30	29.70	29.90	53.8	52.5	50.5	55.5	1.2	0.5	380	381	91	96	SE	2	E	1	8	10	050 n. and till noon.
Mean	29.799	29.808	57.0	54.3	49.0	65.1	2.3	1.5	408	387	86.0	89.9	1.7	2.0	7.0	7.9	1.970		

Height above Mean Sea Level, 447 feet. Heights above Ground :—Bar., 15 feet. Therms., 4 feet. Rain-gauge, 10 inches.
Long. 2° 47' W. Lat. 55° 28' N. Gravity Correction, +.026 in.

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.

STONYHURST.—SEPTEMBER 1898.

Height above Mean Sea Level, 219 feet. Heights above Ground:—Bar., - 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 24' W. Lat. 54° 18' N. Gravity Correction, + '025 in.

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° 94	29° 92	54° 3	53° 2	49° 9	59° 0	2° 9	3° 7	'341	'309	80	76	SW 1	WSW 1	10	10	'135	Dull a. Bright intervals p.
2	'83	29° 88	55° 5	61° 0	49° 5	63° 0	1° 0	1° 3	'412	'493	94	92	SW 2	WbyS3	10	10	'030	☉ showers p.
3	29° 98	30° 02	60° 5	60° 5	58° 9	65° 0	1° 0	1° 8	'494	'468	94	89	WSW 2	WbyN3	10	10	—	☼ ⁰ till 10a., then sunny.
4	30° 04	29° 98	58° 6	67° 3	58° 3	76° 9	0° 7	3° 3	'470	'544	96	81	Calm	Calm	6	7	—	Bright, warm, and sunny.
5	29° 93	'85	70° 0	67° 8	60° 2	77° 3	5° 4	3° 2	'528	'559	71	82	S	Calm	6	0	—	Fine, bright, and warm. ☼ ⁰ (mist)
6	'78	'69	67° 0	68° 4	60° 3	75° 2	2° 7	1° 0	'565	'520	82	94	NE 1	Calm	7	0	—	Fine, bright, and warm. ☼ ⁰ (mist).
7	'65	'64	68° 2	60° 2	59° 8	76° 3	3° 2	3° 0	'540	'474	94	82	Calm	Calm	5	0	'010	☼ ² ☼ ⁰ (mist) a.
8	'61	'54	63° 0	63° 0	58° 3	70° 0	1° 0	3° 0	'478	'436	78	90	WSW 1	WSW 1	10	10	'015	Bright intervals a. ☉ ⁰ p.
9	'48	'55	65° 0	58° 0	57° 3	70° 0	4° 0	1° 5	'407	'429	82	87	WbyS3	swbyW 1	9	4	'015	Very gloomy p. ☉ in evening.
10	'59	'61	59° 0	58° 3	52° 3	62° 3	1° 9	0° 9	'444	'482	88	94	sw by W1	WNW3	10	10	'280	☉ a. Bright intervals p.
11	'54	'45	59° 3	59° 56	55° 0	64° 2	1° 9	0° 0	'307	'335	65	86	WNW2	Calm	0	0	'059	☉ showers p. ☼ ⁰ in evening.
12	'65	'70	57° 3	52° 0	51° 8	59° 6	6° 1	2° 0	'355	'467	74	98	sw by S2	SbyW 1	8	8	'050	Dull a.
13	'64	'66	58° 0	58° 2	50° 6	60° 0	4° 5	0° 4	'487	'510	91	92	WSW 4	sw by W1	10	10	'030	☼ ⁰ (mist) all day.
14	'73	'89	61° 0	62° 0	55° 6	65° 8	1° 5	1° 3	'509	'435	89	84	Calm	NbyE 1	10	0	—	☼ ⁰ (mist) a. Bright and sunny.
15	'98	'94	62° 8	60° 0	60° 0	68° 0	1° 8	2° 6	'475	'416	81	63	Calm	Calm	0	0	—	☼ ⁰ (mist) a. Bright and sunny.
16	'84	'67	63° 4	67° 0	57° 9	74° 3	3° 2	7° 3	'480	'509	76	78	NbyE 1	WSW 1	8	7	'180	☉ showers.
17	'50	'44	66° 0	66° 5	58° 7	76° 0	4° 5	3° 9	'413	'272	87	77	SbyW 1	WSW 1	10	3	'090	☉ ² showers p.
18	'39	'67	57° 3	49° 4	48° 3	67° 0	1° 9	3° 4	'303	'434	82	93	S by E 1	sw by W1	10	10	'335	Fine day.
19	'69	'66	50° 6	57° 0	43° 7	60° 0	2° 6	1° 0	'453	'421	88	87	SW by W3	sw by S2	10	10	'013	☼ ⁰ (mist) a. Fine and sunny.
20	'63	'60	60° 0	58° 0	56° 6	64° 5	2° 0	2° 0	'335	'255	77	86	WSW 2	WbyS 1	10	4	—	Fine and sunny.
21	'60	'68	58° 2	52° 0	52° 0	59° 0	0° 5	2° 2	'263	'234	79	84	N	NNE 1	7	0	—	Fine and sunny. Cir. p.
22	'76	'87	51° 2	46° 4	45° 7	60° 0	1° 9	1° 8	'255	'263	81	85	E	NbyE 1	4	0	—	Fine day. ☼ ⁰ (mist).
23	'92	'88	50° 4	44° 8	40° 0	56° 3	3° 6	1° 8	'263	'236	81	85	ENE 1	NbyE 1	9	0	—	☉ showers p.
24	'83	'75	48° 0	43° 0	37° 0	55° 0	3° 0	2° 0	'255	'286	80	88	Calm	NNE 1	10	0	—	Squally a. ☼ 11° 30a.
25	'72	'71	47° 3	43° 2	38° 6	53° 0	2° 7	2° 0	'288	'323	76	86	ESE 1	WbyS4	10	10	'037	☉ p.
26	'69	'53	46° 8	47° 4	40° 4	56° 8	2° 8	1° 7	'264	'297	83	92	W by S4	WbyS 1	9	4	'240	
27	'39	'27	51° 4	51° 0	44° 9	56° 3	3° 7	2° 0	'362	'348	91	93	SSW 1	SE by E4	10	10	'335	
28	'44	'55	52° 9	44° 5	44° 3	55° 0	4° 9	1° 3					ENE 1	Calm	0	0	—	
29	'46	'20	49° 0	53° 4	42° 6	55° 0	2° 5	1° 1										
30	29° 40	29° 74	52° 2	51° 0	49° 9	58° 6	1° 4	1° 0	'353	'348	91	93						
Mean	29° 687	29° 684	57° 5	56° 2	51° 2	64° 0	2° 7	2° 2	'403	'400	83° 2	86° 0	1° 3	1° 1	8° 2	5° 7	1° 750	

HILLINGTON.—SEPTEMBER 1898.

Height above Mean Sea Level, 88 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge 1 foot.
Long. 0° 33' E. Lat. 52° 48' N. Gravity Correction, +.021 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep.of Wet.		Vapour Tension.		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.	56.1	53.0	39.0	65.4	2.4	0.5	in.	in.	%	%	W	1	NW	1	10	6	ins.	—
2	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	B ² p.
3	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	B ² p.
4	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
5	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
6	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
7	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
8	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
9	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
10	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
11	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
12	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
13	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
14	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
15	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
16	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
17	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
18	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
19	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
20	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
21	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
22	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
23	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
24	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
25	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
26	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
27	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
28	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
29	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
30	30.22	30.22	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	—	Very fine and sunny. p.
Mean	29.998	29.970	56.1	53.0	39.0	65.4	2.4	0.5	.379	.388	84	97	W	1	NW	1	10	6	0.190	Overcast, then sunny.

CHURCHSTOKE.—SEPTEMBER 1898.

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.

1	29.74	29.75	56.3	45.7	45.2	63.7	1.5	0.8	409	288	90	94	W	1	W	1	5	10	—	Bright day.
2	71	75	57.0	61.8	45.2	64.7	3.5	1.7	384	492	78	90	SW	2	W	1	10	10	—	Bright day.
3	80	84	63.0	49.9	49.5	74.7	4.3	1.9	433	309	76	87	W	2	W	1	5	3	—	Bright day.
4	83	74	65.0	60.0	45.2	78.8	4.6	0.9	459	487	75	95	NW	1	W	1	0	0	—	Bright day.
5	70	61	70.2	67.2	54.0	80.7	5.1	2.5	539	570	73	86	NE	2	NE	2	0	2	—	Bright, breezy, and hot.
6	49	46	65.0	64.4	59.4	77.1	2.0	0.1	645	602	88	99	E	2	ENE	1	7	0	—	Bright day.
7	39	43	69.6	62.0	56.0	80.8	3.9	1.1	570	516	79	93	E	1	SE	1	3	8	—	Bright day.
8	41	34	65.6	61.0	58.8	78.7	3.7	1.1	498	498	80	93	E	1	Calm	0	9	0	—	Bright day.
9	32	39	62.8	56.7	56.1	73.7	3.1	0.7	465	439	82	95	W	1	W	1	8	9	—	Bright day.
10	43	45	59.0	58.1	48.1	68.8	4.0	1.6	379	434	76	89	W	2	W	1	10	10	—	Bright day.
11	37	30	62.9	60.2	58.0	66.5	4.5	1.7	427	465	75	90	WSW	3	SW	2	9	10	—	Bright day.
12	47	54	55.9	50.9	47.1	64.7	4.9	1.4	315	335	71	91	NNW	2	W	1	6	9	—	Bright day.
13	46	51	56.7	56.3	49.9	67.1	2.5	0.9	386	427	84	94	SW	1	W	1	9	2	—	Bright day.
14	60	73	63.2	58.0	54.0	71.4	2.3	0.9	498	454	86	94	W	1	Calm	0	10	0	—	Bright day.
15	77	72	68.0	55.1	51.5	75.8	4.6	0.7	512	413	75	95	NE	1	SW	1	2	0	—	Bright day.
16	60	43	64.8	63.5	48.6	79.8	4.5	6.5	459	381	76	65	SE	2	SW	1	0	0	—	Bright day.
17	29	25	71.0	65.0	56.4	78.7	7.3	3.2	485	501	64	82	SE	2	SW	2	6	4	—	Bright day.
18	28	52	56.4	43.3	41.5	66.1	3.0	0.5	369	269	81	96	W	2	WSW	1	10	0	—	Bright day.
19	41	48	54.9	59.8	42.9	66.7	3.0	2.8	348	425	81	83	SW	4	SW	3	8	8	—	Bright day.
20	50	48	61.8	52.7	52.2	69.7	3.9	1.5	425	357	78	89	W	2	W	1	9	2	—	Bright day.
21	46	48	61.0	54.7	50.0	69.9	3.6	0.9	422	401	79	94	NW	2	Calm	0	8	10	—	Bright day.
22	54	62	54.8	48.7	45.0	60.3	2.0	0.9	373	321	87	95	E	2	E	3	10	5	—	Bright day.
23	69	64	51.8	43.8	36.9	61.4	4.9	1.0	266	263	70	92	ESE	2	SE	1	2	0	—	Bright day.
24	60	52	45.8	41.0	33.2	61.2	0.3	0.6	302	243	98	95	E	1	E	1	8	0	—	Bright day.
25	49	48	46.8	40.6	29.2	57.3	3.9	1.1	233	230	73	91	E	2	SE	1	9	0	—	Bright day.
26	47	27	52.9	43.8	32.0	62.1	5.4	0.9	268	265	68	93	E	2	SE	2	0	8	—	Bright day.
27	17	20	48.5	45.8	43.0	59.1	1.8	1.5	296	273	88	92	SE	2	W	1	10	0	—	Bright day.
28	34	29.33	53.1	45.8	37.1	59.1	4.9	1.1	280	283	70	92	W	3	W	1	8	8	—	Bright day.
29	25	28.93	47.9	53.9	40.8	54.9	1.0	0.4	308	404	93	98	E	2	SE	2	10	10	—	Bright day.
30	29.74	29.55	54.3	48.5	45.0	54.5	0.3	0.2	412	336	98	99	NE	1	N	1	10	10	—	Bright day.
Mean	29.490	29.492	58.9	53.9	47.1	68.3	3.5	1.4	402	389	79.7	91.3	1.8	1.2	6.7	4.6	0.961			

ST DAVID'S, PEMBROKE.—SEPTEMBER 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
							Dep. of Wet.		Vapour Tension.		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	30.13	30.11	61.0	56.7	53.3	65.1	5.0	3.7	.383	.355	72	77	WNW	3	SW	3	7	7	—	Bright, sunny, and warm.
2	.09	.13	61.0	56.2	54.1	64.1	1.8	0.9	.477	.488	89	95	SW	3	SW	4	10	8	.001	
3	.19	.19	63.6	56.4	56.1	70.0	1.5	0.4	.535	.443	91	97	SW	3	Calm	0	5	10	—	B. Sunny and warm. ☼ p.
4	.16	30.07	67.0	67.0	51.2	76.6	6.9	3.9	.427	.518	64	79	E	2	SE	2	0	0	—	☼ n. Sunny and very warm.
5	30.01	29.94	70.0	66.2	61.0	74.1	4.6	2.8	.555	.540	75	84	ESE	4	SE	2	0	1	—	Sunny and warm.
6	29.83	.82	68.9	61.0	60.5	72.0	2.8	0.8	.593	.510	84	95	SE	4	Calm	0	0	0	.005	Sunny and breezy. ☼ p.
7	.79	.80	63.9	62.2	58.1	64.2	0.6	0.1	.573	.557	97	100	SE	3	SW	1	10	10	.010	☼ early a. ☼ most of day.
8	.76	.70	62.5	62.0	60.8	68.2	0.4	0.6	.552	.534	98	96	S	1	Calm	0	10	10	.010	
9	.66	.78	62.3	56.3	54.0	65.1	0.2	0.5	.555	.439	99	97	SSE	3	NW	1	10	2	.003	☼ ☼ a. ☼ 7p.-9p.
10	.84	.83	62.0	60.2	52.0	67.1	2.9	1.1	.459	.485	83	94	W	3	WSW	3	5	6	—	☼ noon. Sunny day.
11	.75	.71	61.6	58.7	58.1	66.8	1.7	1.4	.492	.449	99	91	SW	4	SW	2	10	10	.100	☼ showers a. and p. Sunny after.
12	.90	.92	57.4	57.2	52.2	67.1	5.0	3.0	.333	.381	70	81	NW	4	NW	3	6	9	.100	Sunny and warm. [noon.]
13	.79	29.89	59.8	60.1	55.1	66.0	0.4	0.8	.501	.493	97	95	SW	4	W	2	10	10	.007	Frequent ☼ showers a. Sunny p.
14	29.98	30.09	62.0	60.8	59.0	67.1	0.6	0.7	.534	.508	96	95	W	2	Calm	0	10	7	.002	☼ 5p.-7p.
15	30.13	30.03	63.4	58.6	58.2	73.0	1.3	1.6	.538	.442	93	90	SE	2	Calm	0	7	0	—	Sunny and very warm. [warm.]
16	29.89	29.73	65.5	63.5	58.0	72.3	1.5	3.4	.572	.470	91	80	SE	4	SE	4	0	1	—	☼ ☼ (mist) a. Sunny and
17	.61	.57	63.0	63.2	62.2	66.0	0.4	1.2	.562	.537	98	93	SE	4	SW	4	10	10	.535	☼ 5a. ☼ ☼ till 10a.
18	.68	.90	55.1	54.2	53.2	63.1	4.1	4.2	.324	.308	74	73	WNW	6	WNW	3	5	3	.145	☼ till 4a. Sunny day.
19	.82	.88	61.0	60.8	53.3	63.5	0.6	0.7	.517	.510	96	96	SW	4	SW	4	10	10	.004	☼ 2a.-8a.
20	.88	.84	62.5	58.0	57.5	66.0	1.4	0.9	.517	.454	92	94	SW	4	SW	2	3	5	—	Sunny day.
21	.83	.83	61.0	52.1	51.5	68.0	1.1	0.9	.500	.365	93	93	SSW	1	ENE	1	4	0	—	Sunny and warm. ☼ p.
22	.89	.92	59.2	53.6	50.2	60.2	2.1	0.6	.436	.394	88	96	NE	4	NE	2	7	0	—	☼ a. Sunny day.
23	.98	.93	52.9	53.3	48.0	66.8	3.9	4.3	.300	.296	75	72	E	5	ESE	4	0	0	—	☼ a. Fine, bright, and sunny.
24	.90	.83	54.9	48.6	45.0	62.2	3.9	1.6	.326	.302	75	89	SE	3	E	2	3	0	—	Sunny day.
25	.81	.79	52.7	47.9	44.8	61.1	2.9	2.2	.322	.280	81	85	ESE	4	ESE	1	5	0	—	☼ n. Sunny day.
26	.77	.63	54.0	56.2	46.0	61.0	3.7	3.2	.317	.362	76	80	ESE	3	SSE	4	1	8	.010	n. Sunny day.
27	.41	.62	58.0	52.9	52.5	58.2	1.9	5.0	.424	.277	88	69	SSE	5	NW	3	10	4	.065	☼ showers a.
28	.76	.76	53.5	51.1	49.1	59.4	4.9	2.9	.285	.303	69	80	NW	4	W	2	5	3	.142	Sunny day. ☼ showers sp.
29	.48	.30	55.2	56.0	48.9	59.0	0.7	2.2	.416	.386	96	86	S	5	NW	6	10	10	.478	☼ a. and till 3p.
30	29.62	29.92	53.7	54.2	52.2	57.1	4.7	3.2	.291	.332	70	79	NNW	8	NNE	3	10	5	.001	Squally ☼ a. Sunny afternoon.
Mean	29.844	29.849	60.3	57.6	53.9	65.7	2.5	2.0	.454	.424	85.3	87.7		3.6		2.3	6.1	5.0	1.628	

SOUTHAMPTON.—SEPTEMBER 1898.

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.		Air Temperature.				Humidity.					Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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	30.31	30.30	57.9	53.6	43.6	72.2	4.2	2.9	.361	.333	75	80	W	2	SW	1.5	10	0	—	Delightfully fine and pleasant.
3	30.32	30.30	59.3	53.3	43.4	72.2	6.4	2.4	.407	.429	66	85	SW	2.5	Calm	0	2	1	—	Delightfully fine and warm.
4	30.35	30.32	69.6	63.9	52.3	83.2	6.8	3.3	.473	.481	65	81	SW	1	W	0.5	1	0	—	Delightfully fine and very warm.
5	30.32	30.32	73.7	64.5	56.4	78.4	6.2	3.1	.576	.498	69	82	E	1	ESE	0.5	1	0	—	Very warm all day. [breeze.
6	30.08	30.00	74.0	66.7	62.9	81.1	6.0	1.7	.588	.590	70	90	SE	3	E	2	0	0	—	Very warm all day, but with pleasant
7	29.98	29.99	67.2	68.1	56.6	83.0	2.4	2.5	.575	.589	86	85	SE	3.5	S	1	1	0	—	Very warm all day. D n.
8	29.93	29.89	75.5	68.9	59.9	84.5	5.3	2.9	.649	.589	73	83	NE	2	SE	2	9	0	—	Very hot.
9	29.87	29.88	62.4	64.8	57.4	81.7	0.7	2.2	.539	.534	96	87	S	2	SE	2	1	0	—	Very hot all day. [D.W. p.
10	30.02	30.02	69.1	60.7	55.3	76.6	8.0	3.8	.431	.412	60	78	WSW	1	SW	1.5	10	0	—	D early a. Very hot midday.
11	29.98	29.89	68.2	60.5	56.9	74.4	7.6	1.9	.428	.405	61	89	NW	3	WNW	1	2	0	—	Beautifully fine and pleasant.
12	29.96	30.07	67.1	55.6	54.5	74.4	8.6	5.3	.384	.305	58	69	SW	3.5	SW	2	4	0	—	Beautiful day throughout.
13	30.07	30.05	65.0	62.9	46.3	70.4	7.4	1.3	.381	.329	61	93	NNW	4	NW	2	9	1	—	Beautiful day throughout.
14	30.17	30.14	62.7	61.9	55.5	71.2	2.9	1.6	.472	.499	83	91	W	3	SW	1.5	2	10	—	Beautiful a.
15	30.30	30.24	63.8	59.9	56.1	76.3	2.2	1.0	.515	.484	88	94	NW	2.5	SW	0.5	10	0	—	Dull day. D n.
16	30.11	29.96	69.8	67.1	55.1	79.3	6.2	5.3	.497	.476	69	72	N	0.5	N	0.5	9	0	—	Fine and pleasant. D 2 p.
17	29.90	29.84	71.0	63.7	63.7	77.5	6.1	2.1	.523	.516	69	88	SE	4	SE	3	0	0	—	Delightfully fine and very warm.
18	29.88	29.80	60.0	51.0	50.9	67.7	1.5	2.8	.469	.304	91	81	SE	3.5	SE	0.5	2	0	—	Very warm all day, with pleasant
19	30.17	30.10	56.8	59.8	41.0	64.5	3.7	1.3	.357	.473	77	92	SW	3	NW	2.5	10	0	—	Beautiful day from 10 a. [breeze.
20	30.08	30.03	64.9	56.0	55.9	72.3	3.1	1.9	.505	.394	83	88	SW	3	SW	2	10	5	—	Dull day. 12 p.-3 p.
21	30.00	29.96	53.3	58.1	46.6	74.7	1.2	1.2	.373	.447	92	91	W	2	SW	1	9	0	—	Beautiful day throughout. D n.
22	30.05	30.05	63.3	57.6	49.6	73.3	3.8	2.8	.455	.393	78	83	NE	1	SE	1	9	0	—	Beautiful day throughout. D n.
23	30.16	30.12	58.9	52.8	44.8	68.3	5.9	3.7	.331	.304	66	76	NE	1	NE	2	0	0	—	Beautiful day throughout. D n.
24	30.08	30.01	57.7	49.9	44.0	66.7	5.8	3.1	.319	.284	67	80	NE	3.5	E	2.5	0	0	—	Beautiful day throughout. D n.
25	29.99	29.97	56.9	50.0	40.7	66.2	4.9	3.2	.328	.282	70	79	NE	1.5	NE	1.5	2	1	—	Beautiful day throughout.
26	30.18	30.15	56.3	50.8	43.2	63.6	5.3	2.7	.313	.304	68	82	NE	1.5	NE	1	1	0	—	Beautiful day throughout.
27	30.10	30.07	60.5	51.7	43.8	64.8	4.8	1.8	.381	.337	73	88	ESE	1.5	E	1.5	9	0	—	Beautiful day throughout.
28	30.11	30.07	57.7	47.1	41.5	65.9	5.3	1.4	.331	.290	69	90	SE	3	WNW	3	4	3	—	Dull from 10 a. 12 p. and 5 p.
29	30.17	30.14	56.6	55.6	37.5	64.2	3.2	0.9	.367	.417	79	94	NW	3	WSW	1	0	0	—	Beautiful day.
30	29.55	29.99	57.7	53.5	53.2	60.6	0.8	1.9	.453	.356	95	87	S	3	S	6.5	7	10	—	12 p. (gale) p.
													NE	2	N	2	10	3	—	Dull day.
Mean	30.042	30.028	63.9	58.9	50.9	73.0	4.7	2.5	.445	.430	74.2	84.5	2.4	1.7	4.8	1.2	0.980			

PLYMOUTH.—SEPTEMBER 1898.

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	30.23	30.25	61.0	54.3	46.0	65.5	8.1	2.5	30.9	35.2	58	83	ENE	E	8	0	—	Beautifully fine and sunny.
2	30.23	30.26	63.5	59.2	45.4	66.2	5.2	2.1	41.7	43.6	71	88	SE	S	1	0	—	Beautifully fine and sunny.
3	30.28	30.30	65.0	61.2	49.0	69.8	5.2	3.0	44.1	44.3	72	82	E	N	1	0	—	Beautifully fine and sunny.
4	30.24	30.28	70.9	65.0	50.2	75.4	6.1	4.8	52.1	45.3	68	74	NE	E	0	0	—	Beautifully fine and sunny.
5	30.10	30.02	69.9	67.1	62.3	76.4	3.1	2.0	60.7	58.7	82	88	NNE	E	0	0	—	Beautifully fine and sunny.
6	29.94	29.95	70.9	65.0	63.5	77.4	4.1	0.9	59.2	58.4	77	95	ENE	E	0	0	—	Beautifully fine and sunny.
7	30.11	30.12	68.4	65.4	64.2	73.8	3.3	0.9	56.6	59.3	82	95	Calm	ENE	7	0	—	Fine day.
8	30.14	30.14	69.5	61.9	60.5	72.6	4.2	0.1	55.7	55.1	77	99	S	S	4	5	—	Fine and sunny.
9	30.12	30.10	67.9	61.2	60.0	71.0	2.7	2.3	57.8	46.5	84	86	S	N	7	10	—	Sunny a. Cloudy p.
10	30.11	30.01	64.5	60.2	57.8	70.1	2.7	0.6	51.1	28.9	85	55	WSW	WNW	7	10	—	Fine, dry, and sunny.
11	30.13	30.06	65.3	62.5	53.9	68.5	4.5	0.7	46.8	54.2	75	66	SSW	W	3	3	—	Fine, clear, and sunny.
12	29.98	30.07	60.5	52.2	51.0	64.4	3.6	1.5	41.4	35.0	79	90	NNW	NE	5	8	—	Fine, dry, and sunny.
13	30.01	30.06	59.0	61.8	46.8	65.3	0.7	1.2	47.7	51.0	96	93	SSW	WNW	10	10	100	Overcast with showers.
14	30.12	30.21	66.8	63.2	59.0	67.9	2.8	0.6	55.2	55.9	84	97	WSW	NNW	9	7	—	Overcast and sultry.
15	30.23	30.15	61.0	60.3	50.3	70.6	1.2	0.7	49.6	50.0	93	96	ENE	E	8	0	—	Fine and sunny.
16	29.98	29.86	68.9	65.0	58.5	75.8	4.1	2.5	54.7	59.7	77	86	ENE	E	0	0	0.10	Fine and sunny all day.
17	30.10	30.07	63.7	63.3	61.2	66.9	0.7	0.5	56.5	56.4	96	97	ESE	SSE	10	10	0.10	Overcast all day, with showers.
18	29.85	30.08	58.7	53.7	52.2	63.3	3.2	2.3	39.8	34.9	80	85	W	WNW	5	0	1.80	Fine day.
19	30.08	30.07	58.0	60.7	53.7	61.8	1.1	1.1	44.8	49.4	92	94	SSW	SW	10	6	0.20	[D. a. Overcast all day.
20	30.04	30.00	61.7	59.1	58.1	66.7	2.2	0.7	47.7	47.9	87	95	SSW	SE	9	0	—	Fine and sunny all day.
21	29.92	29.91	62.1	57.3	47.9	71.3	4.1	1.9	42.6	41.3	76	87	NE	NE	7	0	—	Fine and sunny all day.
22	29.90	29.95	66.9	62.4	50.9	70.8	7.1	4.5	42.0	41.9	63	75	ENE	Calm	3	0	—	Fine and sunny all day.
23	30.02	30.01	58.0	56.2	55.0	63.5	4.6	2.9	35.2	37.0	73	82	ENE	E	2	0	—	Fine and sunny all day.
24	29.97	29.93	60.5	54.2	52.0	63.4	6.6	1.3	33.7	33.3	64	91	E	ENE	6	0	—	Fine day.
25	30.10	30.08	57.2	54.2	51.1	62.9	3.0	1.2	38.1	38.5	81	92	E	SE	6	0	—	Cloudy a. Sunny p.
26	30.11	30.07	54.5	51.0	62.4	60.9	6.0	2.5	34.1	35.4	67	83	SE	Calm	10	0	—	
27	30.10	30.07	59.5	53.0	50.2	60.9	1.7	3.1	45.4	33.0	90	79	SE	W	10	1	0.50	
28	30.11	30.08	56.0	53.3	45.0	61.1	4.1	2.9	33.8	33.8	75	80	W	WSW	2	1	0.20	Bright and sunny. [D. 2 p. showers.
29	30.11	30.08	57.0	58.4	45.3	59.3	2.1	0.4	40.2	47.6	86	98	S	SW	10	7	0.80	Overcast with all day.
30	29.63	29.96	55.2	55.8	52.1	58.7	3.6	1.3	33.7	40.8	78	92	NNW	N	10	10	—	Cloudy all day.
Mean	29.966	29.977	62.9	59.4	53.5	67.5	3.7	2.0	45.8	44.9	78.9	87.8	—	—	5.7	2.9	0.970	

LONDONDERRY.—SEPTEMBER 1898.

Height above Mean Sea Level, 67 feet. Heights above Ground:—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 7° 19' W. Lat. 55° 0' N. Gravity Correction, +0.27 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
							Dep. of Wet.		Vapour Tension.		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.	°	°	°	°	°	°	in.	in.	%	%					ins.			
2	30.18	30.03	54.7	57.7	47.6	60.0	2.1	5.0	.369	.338	86	71	SW	2	SW	3	10	10	.060	● a. and p.
3	29.95	30.07	64.0	62.0	54.3	66.2	2.2	0.7	.518	.531	87	96	SW	3	SW	4	10	10	.050	● at times during day.
4	30.19	30.27	65.4	61.0	60.0	74.2	2.3	1.0	.542	.503	87	94	SW	3	Calm	0	10	0	—	—
5	30.25	30.15	61.0	67.7	51.0	86.0	1.4	7.0	.490	.436	92	64	Calm	0	Calm	0	0	1	—	Fine all day.
6	30.11	30.01	64.7	68.1	55.0	82.0	3.4	2.4	.492	.593	81	86	SW	1	Calm	0	0	10	—	Fine day.
7	29.91	29.81	68.1	68.7	61.6	82.0	3.6	4.0	.550	.547	80	78	SE	1	SE	4	5	1	.030	● Fine day.
8	.84	.80	62.2	63.3	60.8	73.0	2.5	3.6	.475	.461	85	79	SE	1	SE	3	10	2	.220	● showers a.
9	.83	.82	59.7	58.2	57.3	70.6	1.7	0.9	.457	.457	90	94	SW	1	E	1	1	10	.440	● n. and a. and 7p.—mid.
10	.78	.79	56.7	56.7	55.0	65.0	2.0	2.1	.401	.398	87	87	W	1	SW	2	10	10	.010	● showers during day.
11	.77	.76	61.7	58.7	53.6	66.5	3.0	3.0	.394	.404	72	81	SW	4	S	3	8	10	.100	—
12	.67	.75	58.5	52.7	51.3	62.3	1.8	1.7	.435	.351	88	88	SW	2	S	1	10	0	.040	● a.
13	.93	.91	54.7	53.7	48.2	61.0	3.0	2.0	.346	.357	80	87	SW	3	W	2	3	10	—	—
14	.78	29.85	57.9	59.5	52.0	65.3	1.9	1.9	.422	.448	88	89	WSW	1	WSW	2	10	10	.020	—
15	29.97	30.11	62.0	59.2	58.6	63.7	1.0	1.4	.520	.458	94	92	NW	2	SW	1	10	10	.180	● a.
16	30.18	30.13	65.7	64.9	58.2	75.0	1.7	2.4	.569	.529	90	86	NW	2	SW	3	10	10	—	—
17	29.96	29.79	63.9	62.2	56.6	71.0	3.7	2.5	.468	.475	78	85	S	1	Calm	0	10	0	—	—
18	.56	.50	62.3	61.3	59.0	76.9	2.8	1.8	.468	.483	83	89	W	1	SW	3	10	10	.300	● showers from 7.30p.
19	.76	.88	53.5	47.8	46.8	62.1	3.9	1.7	.307	.291	75	88	SW	2	W	2	10	10	.140	● showers p.
20	.82	.78	54.0	50.9	47.4	62.3	2.2	1.6	.355	.456	85	91	NW	2	W	2	10	10	.060	● showers p.
21	.72	.83	59.9	56.9	56.5	65.0	2.1	1.2	.449	.427	88	93	WSW	2	W	3	6	10	—	—
22	29.92	29.99	55.3	52.2	52.2	61.8	2.2	2.5	.375	.386	86	83	NE	2	NE	2	7	0	.300	—
23	30.10	30.14	54.5	47.0	46.5	63.8	5.2	0.9	.291	.301	69	94	N	2	E	1	10	10	.010	—
24	.16	30.07	54.0	46.2	46.0	67.0	3.7	0.5	.317	.302	76	97	W	1	N	1	10	10	—	—
25	30.01	29.97	50.3	50.3	42.4	68.0	0.6	2.0	.350	.312	96	86	Calm	0	NE	1	10	0	—	≈≈≈ (mist) a.
26	29.91	.93	67.7	52.7	45.5	66.0	1.0	1.5	.447	.356	94	89	N	1	W	2	10	0	—	—
27	.85	.67	57.7	55.1	49.3	64.3	4.0	2.6	.363	.361	76	83	SE	1	NW	3	10	10	.150	● at night.
28	.42	.64	53.7	49.5	48.1	56.0	1.0	3.1	.384	.279	93	79	SW	1	W	1	10	10	.640	● during day.
29	.75	.76	50.3	44.7	43.5	55.5	1.8	1.0	.319	.273	88	93	SW	2	W	1	10	8	.110	● in past n.
30	.53	29.56	50.3	51.7	41.0	53.0	0.6	1.8	.350	.337	96	88	E	2	NW	2	10	10	1.440	Constant ● all day.
30	29.87	30.06	53.5	45.7	45.0	57.3	3.8	1.0	.309	.285	75	94	NW	3	SSW	1	7	1	.010	—
Mean	29.888	29.894	58.3	56.5	51.7	66.8	2.5	2.2	.418	.403	84.8	86.8		1.7	1.8	8.2	6.8	4.310		

MARKREE CASTLE.—SEPTEMBER 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
							Dep. of Wet.		Vapour Tension.		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	30.14	29.99	55.3	59.7	49.8	62.3	2.3	1.9	.372	.452	85	89	Calm	0	SSE	2	10	10	.050
2	30.17	30.05	65.7	61.6	55.8	69.1	2.1	0.7	.555	.524	88	95	SW	2	SSW	2	10	10	.040
3	30.16	30.05	64.6	53.6	52.7	73.9	1.7	2.1	.548	.378	89	92	SSE	1	Calm	0	10	0	—
4	30.18	30.08	66.7	64.0	44.9	77.3	2.2	1.2	.472	.522	82	87	SSE	2	SE	2	0	0	—
5	30.03	29.95	67.8	67.0	54.9	77.3	4.8	2.7	.504	.560	74	85	SE	2	SSE	2	6	8	—
6	29.81	29.76	69.1	64.3	60.5	75.3	4.1	1.9	.550	.534	77	88	SSE	3	SSE	2	2	10	.020
7	29.76	29.75	66.7	62.0	59.3	70.3	4.7	3.2	.487	.450	74	81	SSE	2	S	2	8	10	.240
8	29.77	29.74	62.4	57.0	55.9	66.8	2.5	0.6	.479	.446	85	96	S	0.5	Calm	0	7	10	.210
9	29.76	29.78	58.4	53.1	52.3	63.6	3.7	2.1	.380	.346	78	85	NW	1	Calm	0	8	8	—
10	29.78	29.75	62.3	57.8	51.1	67.9	3.5	1.1	.446	.446	79	93	S	1	SSE	0.5	6	10	.180
11	29.65	29.75	58.3	53.7	51.9	63.5	0.9	1.9	.458	.360	94	88	SE	0.5	S	3	10	10	.080
12	29.92	29.87	55.7	51.8	46.8	58.9	4.4	2.2	.326	.328	73	85	SW	2	S	1	9	8	—
13	29.76	29.83	59.8	60.3	50.8	66.3	1.4	0.6	.469	.503	91	96	SW	1	SSW	2	10	10	.010
14	29.93	29.94	62.6	62.7	59.8	68.4	1.8	0.9	.505	.539	89	95	SSW	1	S	1	10	8	—
15	30.11	30.05	63.7	63.6	61.4	70.7	1.3	3.6	.543	.466	92	79	SSE	1	SSE	2	10	10	—
16	29.91	29.68	62.7	62.8	56.0	69.8	3.5	2.4	.453	.490	79	85	SSE	1	SE	3	8	7	.060
17	29.50	29.48	63.8	57.4	56.7	70.7	1.6	2.1	.535	.409	90	87	SE	2	SSW	2	10	10	.460
18	29.71	29.85	52.3	46.8	45.8	58.0	4.5	1.4	.280	.287	71	90	SW	2	S	0.5	9	8	.090
19	29.75	29.74	55.4	60.5	46.3	63.8	1.2	1.4	.404	.480	92	92	Calm	0	S	3	10	9	.010
20	29.74	29.79	63.4	61.3	58.8	65.7	2.7	1.5	.491	.492	84	91	SSW	3	S	2	9	8	.110
21	29.87	29.95	56.3	53.1	52.5	61.8	1.5	2.3	.409	.341	90	84	Calm	0	NE	2	10	8	—
22	30.05	30.06	54.4	45.7	43.3	61.7	4.6	1.3	.303	.298	71	91	ENE	1	NE	1	3	0	—
23	30.06	30.00	54.1	49.7	35.2	62.3	1.6	2.0	.373	.307	89	87	SE	1	NE	1	7	0	—
24	29.94	29.89	55.0	54.7	42.4	63.5	1.5	1.9	.389	.374	90	88	SSE	2	SE	2	3	10	—
25	29.83	29.83	54.4	50.0	48.3	62.8	1.9	2.9	.370	.368	88	82	SE	2	SSE	2	7	9	—
26	29.77	29.56	53.8	54.0	47.5	64.4	2.4	2.4	.348	.350	84	84	SSE	3	SE	4	10	10	.920
27	29.51	29.65	50.1	49.0	47.8	55.9	0.4	2.9	.352	.278	97	80	SW	3	WSW	1	10	7	.300
28	29.75	29.73	51.9	41.2	40.3	56.2	4.0	0.3	.286	.253	74	98	N	1	Calm	0	6	7	.330
29	29.36	29.56	52.0	51.9	39.8	56.3	0.7	3.1	.369	.308	95	80	SSE	2	NNW	2	10	10	.120
30	29.84	29.90	54.9	48.5	46.9	57.8	6.0	0.8	.280	.321	65	94	NNW	2	N	0.5	4	9	—
Mean	29.843	29.845	59.1	56.2	50.5	65.4	2.8	1.8	.425	.406	83.3	88.2	1.5	1.7	7.7	7.8	3.230		

DUBLIN (PHOENIX PARK).—SEPTEMBER 1898.

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	30.18	30.08	55.7	56.0	41.4	61.6	4.1	3.9	333	343	75	76	Calm	0	SW	1	9	9	—	
2	30.2	30.10	55.7	56.0	41.4	61.6	4.1	3.9	333	343	75	76	WSW	2	SW	1	6	9	—	
3	30.20	30.25	54.5	57.0	56.6	74.7	3.9	0.5	473	450	78	97	WSW	1	Calm	0	7	0	—	Beautiful day from 11a. ☁ p.
4	30.13	65.7	55.6	48.4	68.8	3.0	3.7	524	342	83	77	Calm	0	Calm	0	0	0	—	☁ a. Beautiful day.	
5	30.05	29.98	70.2	58.2	51.8	78.8	5.3	0.7	535	464	72	96	Calm	0	Calm	0	1	1	—	Beautiful day.
6	29.85	84	71.7	65.2	56.2	80.0	5.1	2.9	573	517	73	84	Calm	0	Calm	0	1	1	—	☁ 30 a. Cloudy p.
7	84	80	63.6	62.6	59.8	78.7	2.1	3.7	515	445	88	79	Calm	0	SW	1	8	6	—	☁ 005
8	77	72	63.2	61.5	52.1	71.3	3.1	0.8	474	519	82	95	Calm	0	Calm	0	7	10	—	☁ 570
9	74	82	56.4	53.4	52.3	65.3	1.0	2.8	425	332	94	82	Calm	0	Calm	0	10	1	—	☁ 025
10	82	80	60.7	59.6	50.5	67.7	3.7	1.9	444	504	78	88	WSW	1	WSW	1	6	2	—	☁ till 10a. Bright from 2p. ☁ from 2p.
11	69	74	58.9	55.2	54.7	64.9	1.4	3.2	453	347	92	80	SW	2	NW	1	10	2	—	☁ 070
12	94	94	53.7	53.3	43.8	59.1	3.3	2.9	324	328	78	80	Calm	0	Calm	0	4	9	—	☁ 180
13	77	29.90	60.1	59.8	51.9	69.4	1.7	2.1	465	448	89	87	WSW	1	WSW	1	10	2	—	☁ 015
14	29.97	30.10	65.1	64.0	59.6	71.4	2.8	2.6	519	505	84	84	WSW	2	Calm	0	9	6	—	☁ 005
15	30.15	30.10	68.1	54.6	54.1	70.8	4.6	0.1	516	425	75	100	Calm	0	Calm	0	8	0	—	Fine day.
16	29.95	29.72	64.5	57.1	49.9	70.6	4.0	1.3	470	427	78	91	S	1	ENE	1	4	0	—	☁ p.
17	52	51	68.7	64.1	56.1	72.2	5.4	2.6	500	508	71	85	SSW	1	SW	1	5	9	—	Beautiful day from 10a.
18	64	89	48.6	45.0	44.2	64.3	1.2	2.1	312	251	92	84	W	2	Calm	0	10	2	—	☁ 080
19	76	85	61.0	60.4	40.3	65.4	3.5	3.1	425	427	80	82	SW	2	SW	1	8	9	—	☁ 070
20	80	82	63.6	58.5	57.9	70.1	3.6	2.0	466	429	79	87	SW	2	SW	1	7	2	—	Fine day.
21	29.84	29.93	59.5	53.6	53.1	64.9	2.9	0.2	418	406	83	99	WSW	1	Calm	0	7	10	—	☁ 075
22	30.01	30.03	53.0	45.7	41.9	57.0	4.3	0.3	392	301	73	98	NE	1	Calm	0	2	2	—	Beautiful day.
23	30.05	30.01	56.2	48.4	45.1	60.1	3.2	1.0	362	315	80	93	SE	1	Calm	0	7	0	—	Beautiful day from 10a.
24	29.94	29.89	57.2	45.1	41.7	62.3	4.2	0.2	349	296	74	98	SE	1	Calm	0	0	0	—	☁ 005
25	86	85	54.4	45.1	35.6	61.2	2.3	0.2	359	296	85	98	Calm	0	Calm	0	0	0	—	☁ a. and p.
26	80	63	55.8	55.4	35.5	64.1	2.1	2.9	387	358	86	82	Calm	0	S	1	7	8	—	☁ 075
27	44	65	55.6	45.4	44.9	58.0	1.6	1.8	396	262	89	87	SE	1	W	1	9	0	—	☁ 330
28	76	77	50.1	42.3	40.3	57.4	2.8	0.4	292	262	81	97	W	1	Calm	0	2	4	—	☁ 060
29	44	32	53.9	53.6	39.3	63.5	1.7	1.9	367	358	88	87	SE	1	WNW	1	10	9	—	☁ 090
30	29.76	29.98	51.8	42.4	41.5	58.5	3.9	0.5	289	261	75	96	NW	2	Calm	0	5	6	—	Dull, with ☁ showers. Beautiful day.
Mean	29.859	29.871	59.9	54.8	48.5	66.8	3.2	1.9	424	387	81.2	88.4	0.9	0.4	6.0	4.1	1.780			

PARSONSTOWN.—SEPTEMBER 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
							Dep. of Wet.	Vapour Tension.	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	30.13	30.03	56.5	57.5	51.0	62.4	3.9	2.6	.348	.397	76	83	Calm	0	10	10	● at night.	
2	30.00	29.09	56.6	57.6	56.3	71.1	3.3	2.9	.536	.488	82	83	SW	1	10	10	—	
3	30.16	30.19	56.4	56.4	58.8	75.9	3.8	2.3	.474	.485	78	87	Calm	0	7	0	— Very fine and warm. ∞ n.	
4	30.15	30.07	56.4	56.1	58.8	77.8	8.2	3.2	.382	.438	59	81	SE	1	2	0	— Very fine and warm.	
5	30.00	29.92	56.7	56.7	56.8	77.5	5.0	2.5	.513	.503	73	85	SE	1	2	0	4 — Very fine and warm.	
6	29.79	29.78	56.5	56.5	56.6	77.9	3.6	3.2	.557	.504	80	82	SE	2	8	10	.016 Fine and warm.	
7	29.76	29.76	56.5	56.4	58.8	77.7	1.7	2.7	.505	.419	90	84	SE	1	10	5	.439 Dull, with ● a. < in S.E. 9p.	
8	29.74	29.71	56.2	56.7	57.3	66.2	1.5	1.1	.512	.442	91	93	Calm	0	10	10	.918 Dull day.	
9	29.73	29.80	55.7	56.6	58.2	65.8	1.1	1.7	.413	.350	93	88	Calm	0	10	0	— W ² from 8p.	
10	29.79	29.78	56.2	56.7	50.7	65.5	3.8	0.9	.438	.483	78	95	W	3	10	10	.150 Fine day.	
11	29.66	29.74	58.5	53.4	58.8	60.9	1.0	2.4	.459	.344	94	84	SW	1	10	4	.254 ● ² a. Dull day.	
12	29.95	29.92	55.4	54.5	46.2	60.1	2.8	2.7	.361	.350	83	82	W	1	7	10	.163 Cloudy and cool.	
13	29.76	29.88	60.6	61.3	53.2	66.8	1.0	1.3	.496	.498	94	92	W	1	10	10	— Dull a.	
14	29.99	30.08	64.7	63.6	59.9	70.0	3.5	1.8	.489	.525	80	90	SW	2	1	9	—	
15	30.12	30.06	66.0	61.4	59.7	69.5	2.8	2.7	.536	.456	84	84	Calm	0	10	10	— Cloudy day.	
16	29.88	29.67	62.7	62.7	53.9	70.7	3.5	2.7	.453	.478	79	84	ESE	2	SE	1	8 6 — Fine, sunny, and close.	
17	29.49	29.50	67.9	58.1	70.1	4.0	4.0	1.7	.533	.440	78	89	SE	3	Calm	0	4 3 .279 < n. Fine day.	
18	29.72	29.87	49.7	46.1	45.8	59.2	2.5	1.2	.295	.284	83	91	W	1	S	2	10 3 .060 ● ² early a. Bright and cool. ∞ n.	
19	29.77	29.82	60.7	59.6	44.8	63.7	2.9	1.6	.438	.454	83	90	W	2	Calm	0	10 10 .059 Dull, with ● showers.	
20	29.81	29.83	63.7	59.6	56.1	67.8	3.8	1.6	.463	.411	78	89	SE	1	SSW	1	9 1 — Mild and bright. ∞ 9p.	
21	29.85	29.90	61.6	57.7	49.9	65.7	2.7	0.9	.460	.450	84	95	Calm	0	SW	1	8 10 — D ² a.	
22	30.00	30.00	52.9	45.5	60.7	3.3	0.9	3.15	.291	79	93	SE	1	Calm	0	10 0 — Bright and sunny.		
23	29.99	29.95	56.6	58.8	36.8	64.6	2.6	3.0	.383	.296	83	80	SE	1	Calm	0	6 0 — D ² a. and n. Fine, bright, and cool.	
24	29.89	29.84	58.5	50.9	49.1	62.4	4.3	2.0	.365	.346	74	87	SE	2	SSE	1	2 8 — Bright a. Cloudy p.	
25	29.81	29.81	56.7	55.5	43.2	62.1	2.5	2.6	.387	.367	84	83	SE	1	SSE	1	1 10 — Bright a. Cloudy p.	
26	29.76	29.56	57.0	54.6	50.9	63.6	3.1	1.7	.374	.352	80	82	E	1	SE	3	10 10 .308 Dull and overcast.	
27	29.48	29.50	60.6	44.7	43.8	57.9	1.0	1.7	.343	.257	93	87	NW	1	SW	1	1 1 — Dull a.	
28	29.77	29.74	52.3	45.2	40.1	56.5	3.4	1.3	.305	.271	77	90	NW	1	SE	1	1 2 .313 Fine and bright.	
29	29.30	29.47	53.7	42.8	44.5	62.0	0.8	3.1	.390	.319	94	79	SE	2	NW	3	10 10 .037 Overcast, with ●.	
30	29.80	29.98	52.4	49.7	44.3	60.7	2.6	0.0	.326	.357	83	100	NW	2	SW	1	7 10 — Fine, bright, and cool.	
Mean	29.834	29.847	60.0	56.3	51.0	66.2	3.0	2.0	.430	.402	82.2	87.1	1.2		1.1	7.5	6.2	3.016

DUNROBIN CASTLE.—OCTOBER 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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	30.04	30.09	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	Fine and mild.
2	30.12	30.16	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	Fine and warm.
3	30.20	30.24	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	Fine and warm.
4	30.28	30.32	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	Fine and calm.
5	30.36	30.40	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	Fine day.
6	30.44	30.48	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	Fine day.
7	30.52	30.56	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	Dull day.
8	31.00	31.04	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
9	31.08	31.12	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
10	31.16	31.20	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
11	31.24	31.28	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
12	31.32	31.36	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
13	31.40	31.44	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
14	31.48	31.52	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
15	31.56	32.00	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
16	32.04	32.08	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
17	32.12	32.16	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
18	32.20	32.24	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
19	32.28	32.32	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
20	32.36	32.40	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
21	32.44	32.48	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
22	32.52	32.56	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
23	33.00	33.04	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
24	33.08	33.12	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
25	33.16	33.20	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
26	33.24	33.28	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
27	33.32	33.36	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
28	33.40	33.44	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
29	33.48	33.52	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
30	33.56	34.00	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
31	34.04	34.08	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	
Mean	34.04	34.08	52.8	60.0	47.2	64.0	1.6	0.8	355	492	88	95	W	W	—	—	—	

BRAEMAR.—OCTOBER 1898.

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	28°'90	28°'98	51°'8	56°'4	47°'3	61°'1	3°'6	2°'6	295	380	76	84	W	2	W	1	8	2	—	Very fine.
2	28°'99	29°'06	50°'6	58°'1	53°'2	66°'7	4°'1	3°'3	402	387	77	79	W	0°'5	W	1	6	6	—	Very fine. ☐ ² p.
3	29°'07	29°'12	50°'6	58°'1	53°'2	66°'7	4°'1	3°'3	402	387	77	79	W	0°'5	W	1	6	6	—	Very fine.
4	29°'16	29°'23	50°'9	49°'6	38°'4	71°'4	7°'1	1°'6	223	314	59	79	W	0°'5	W	0°'5	1	2	—	Very fine.
5	29°'28	29°'31	45°'4	45°'1	36°'0	69°'9	0°'9	0°'8	283	311	94	93	W	0°'5	W	0°'5	0	0	—	Very fine.
6	29°'07	29°'00	40°'6	48°'6	33°'5	65°'1	0°'8	1°'1	236	315	93	93	W	0°'5	W	0°'5	0	5	—	Very fine.
7	28°'95	28°'90	47°'5	49°'8	43°'7	55°'8	1°'0	2°'3	304	300	93	85	W	0°'5	W	0°'5	7	7	—	Very fine.
8	28°'88	28°'85	49°'9	46°'8	45°'4	57°'7	4°'2	2°'0	261	273	72	86	W	4	W	0°'5	7	4	—	Very fine.
9	28°'83	28°'82	50°'5	49°'4	43°'8	56°'0	3°'7	2°'2	277	298	76	85	W	0°'5	W	0°'5	8	10	—	Very fine.
10	28°'86	28°'90	46°'4	38°'8	36°'4	51°'0	0°'9	1°'3	294	211	94	90	W	0°'5	W	0°'5	8	3	—	Dull day.
11	28°'90	28°'94	34°'3	37°'6	29°'2	49°'1	2°'0	0°'9	159	208	80	92	W	0°'5	W	0°'5	8	0	—	Dull day.
12	28°'87	28°'81	37°'0	45°'6	29°'3	49°'0	0°'8	1°'0	204	283	93	93	W	0°'5	NW	0°'5	8	10	—	Dull day.
13	28°'79	28°'76	44°'4	45°'9	40°'0	48°'7	0°'9	2°'1	272	263	93	86	E	0°'5	E	0°'5	10	10	—	Dull and damp.
14	28°'64	28°'56	47°'0	42°'9	41°'7	47°'8	1°'5	2°'4	287	226	90	83	E	0°'5	E	0°'5	8	10	—	Dull, with ☉.
15	28°'41	28°'34	41°'6	39°'7	39°'0	44°'0	1°'1	2°'0	240	205	92	84	NE	2	NE	2	10	9	—	Dull, with ☉.
16	28°'39	28°'25	38°'2	36°'8	34°'2	43°'5	1°'4	1°'2	202	195	88	90	NE	0°'5	NE	0°'5	9	10	—	Snow on hills. Dull, with ☉.
17	28°'30	28°'21	38°'6	38°'0	33°'3	40°'0	1°'1	0°'7	213	214	92	94	NE	4	NE	6	10	10	—	Snow on hills. Dull, with ☉.
18	28°'31	28°'37	37°'6	38°'8	35°'3	39°'8	1°'1	0°'9	204	219	91	93	NE	4	NE	2	10	10	—	Snow on hills. Dull, with ☉.
19	28°'38	28°'50	36°'3	46°'6	34°'9	47°'2	0°'8	1°'4	207	285	94	90	NE	1	NE	0°'5	10	10	—	Snow on hills. Dull, with ☉.
20	28°'50	28°'41	46°'4	48°'4	44°'0	49°'0	1°'9	1°'9	271	293	87	87	NE	2	NE	0°'5	9	1	—	Snow on hills. Dull, with ☉.
21	28°'35	28°'45	49°'3	48°'9	45°'3	52°'2	1°'4	1°'4	316	307	90	89	S	0°'5	SW	0°'5	10	7	—	Fine day.
22	28°'13	28°'31	57°'6	50°'7	47°'2	58°'8	2°'1	2°'9	413	297	86	81	SW	8	SW	1	9	9	—	Fine day.
23	28°'56	28°'66	45°'6	44°'9	42°'7	55°'4	3°'8	2°'6	225	240	74	81	SW	0°'5	SW	2	2	6	—	Fine day.
24	28°'43	28°'26	45°'7	38°'6	36°'8	46°'7	2°'8	1°'9	245	198	80	85	SW	6	SW	8	7	7	—	Gusty with ☉ showers p.
25	28°'43	28°'27	46°'3	53°'0	36°'3	53°'9	7°'8	2°'5	165	335	53	83	SW	2	SW	2	10	6	—	Dull with ☉.
26	28°'44	28°'49	45°'6	47°'0	42°'2	54°'0	2°'5	3°'2	250	249	82	78	SW	2	SW	4	9	7	—	Gusty with ☉ showers.
27	28°'56	28°'59	45°'2	44°'1	42°'2	50°'8	3°'4	1°'8	228	249	76	85	SW	4	SW	2	3	7	—	Fine day.
28	28°'59	28°'55	39°'9	44°'4	37°'4	47°'7	1°'3	1°'2	220	265	90	91	SW	0°'5	SW	0°'5	6	10	—	Fine a. ☉ p.
29	28°'42	28°'28	43°'6	47°'0	38°'0	47°'1	0°'7	1°'2	268	229	94	90	SW	0°'5	SW	0°'5	10	10	—	☉ (mist) a. Damp p.
30	27°'94	27°'82	43°'6	44°'0	39°'7	46°'0	0°'8	1°'9	266	246	93	85	SW	0°'5	SW	0°'5	10	10	—	Dull with ☉ all day.
31	27°'98	28°'31	44°'2	39°'7	38°'0	44°'7	2°'5	2°'9	236	289	81	77	SW	1	W	0°'5	9	2	—	☉ showers a. Fair p.
Mean	28°'612	28°'616	45°'6	45°'5	39°'8	53°'0	2°'4	1°'9	259	267	83°'7	86°'4	1°'7	1°'3	7°'2	6°'5	6°'430			

LAUDALE.—OCTOBER 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
							Dep. of Wet.		Vapour Tension.		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.							in.	in.	%	%	SE	2	W	2	10	10	ins.	☉ showers all day.
2	30.12	30.16	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	SW	2	SW	1	9	10	0.50	☉ a. and p. ☉ showers p.
3	30.20	30.24	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	SSE	2	SE	2	9	2	—	☉ ⁰ (mist) a. ☉ Very fine from road.
4	30.28	30.32	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	ESE	2	ESE	1	0	0	—	☉ ² Very fine and warm.
5	30.36	30.40	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	ESE	2	ESE	1	0	0	—	☉ ² Very fine and warm.
6	30.44	30.48	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	SE	3	ESE	2	0	0	—	☉ Very fine and warm.
7	30.52	30.56	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	E	4	E	1	1	0	—	☉ Very fine.
8	31.00	31.04	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	SSE	5	SSE	5	0	0	—	☉ (gale). [☉ p.
9	31.08	31.12	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	ESE	5	S	2	7	10	0.50	☉ with threatening appearance a.
10	31.16	31.20	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	S	1	S	2	8	8	—	☉ Dull and mild.
11	31.24	31.28	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	NW	1	Cal	0	0	0	—	☉ ² Fine all day.
12	31.32	31.36	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	N	1	SW	1	0	0	—	☉ Cold a. ☉ Bright all day till 6p.
13	31.40	31.44	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	SE	4	SE	4	7	3	0.20	☉ Threatening appearance in
14	31.48	31.52	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	SSE	6	SSE	6	9	10	—	☉ showers in past n. [evening.
15	31.56	32.00	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	ESE	5	E	7	8	10	—	☉ (gale) from E. all day.
16	32.04	32.08	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	E	4	E	1	5	0	—	
17	32.12	32.16	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	E	5	E	6	5	10	0.30	☉ (gale).
18	32.20	32.24	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	E	5	E	5	7	5	—	☉ Cold, dry. ☉ Snow on hill tops.
19	32.28	32.32	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	E	6	ESE	4	4	7	—	☉ all day.
20	32.36	32.40	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	SW	4	SSW	5	7	10	0.20	☉ ☉ showers at night.
21	32.44	32.48	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	SW	2	SSW	4	7	6	400	☉ ☉ showers.
22	32.52	32.56	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	SSW	5	SW	4	6	10	1.00	☉ ² n. ☉ (gale). ☉ p.
23	33.00	33.04	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	SW	2	S	3	7	10	0.750	☉ ² showers p. [p.
24	33.08	33.12	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	NW	4	WNW	3	10	10	0.640	☉ (gale) ☉ ² n. ☉ ² ☉ ² ☉ ² showers
25	33.16	33.20	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	W	2	W	8	10	10	0.700	☉ a. ☉ ² p.
26	33.24	33.28	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	W	4	W	4	6	10	0.240	☉ a. ☉ ² ☉ p.
27	33.32	33.36	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	W	3	W	2	5	8	1.800	☉ showers a. and p.
28	33.40	33.44	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	S	2	NW	1	7	4	—	
29	33.48	33.52	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	Cal	0	Cal	0	4	0	0.30	☉ a. Fine and clear.
30	33.56	34.00	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	Cal	0	Cal	0	10	10	0.530	☉ Dull and damp. ☉ p.
31	34.04	34.08	54.4	60.0	46.7	60.3	2.1	2.0	364	453	86	88	NW	4	W	1	10	3	1.140	☉ ☉ showers a.
Mean	29.738	29.736	51.3	50.9	45.7	57.6	2.8	2.6	312	312	81.8	82.9	3.0	2.8	5.7	6.0	3.910			

GLASGOW.—OCTOBER 1898.

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, +0.29 in.

Day.	Barometer at 32° Fahr.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
								Dep. of Wet.		Vapour Tension.		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	30.00	30.05	52.7	56.3	49.3	56.6	1.0	1.0	370	424	93	93	SW	1	Calm	0	10	Dull and overcast.	
2	30.08	30.10	58.9	58.1	56.2	62.4	0.9	0.8	468	458	95	94	W	1	SW	1	10	Dull and overcast.	
3	30.13	30.15	58.0	53.2	53.2	59.8	1.3	0.5	442	391	91	97	SW	1	NE	1	10	Dull and overcast.	
4	30.21	30.19	50.7	57.6	49.2	65.3	0.0	0.6	370	426	100	89	Calm	0	E	1	10	~ ² a. ∞ p.	
5	30.14	30.09	54.2	52.9	45.1	58.7	1.2	0.8	385	378	92	95	E	2	E	2	0	~ ² (mist) a. Day clear and fine.	
6	30.02	29.96	54.5	53.3	52.3	57.7	2.2	1.8	362	357	85	88	E	2	NE	2	10	10	
7	29.89	29.83	53.2	52.9	51.7	54.0	3.6	1.9	311	348	77	87	E	1	E	2	9	Dull and overcast.	
8	30.18	30.20	53.5	49.8	49.7	60.3	3.7	2.6	311	293	76	82	E	1	E	2	9	0	
9	30.18	30.20	50.9	49.6	45.3	56.1	3.8	1.6	279	314	76	89	E	2	E	1	9	10	
10	30.18	30.19	47.9	49.3	46.1	53.1	0.9	1.6	310	311	94	89	Calm	0	Calm	0	10	10	
11	30.19	30.24	47.0	48.6	46.3	54.1	0.8	1.7	303	302	94	88	Calm	0	Calm	0	7	7	
12	30.19	30.18	39.0	48.7	37.5	50.7	0.0	3.1	238	270	100	79	Calm	0	E	1	10	10	
13	30.14	30.16	47.2	49.6	44.5	54.3	2.1	3.0	275	282	86	80	E	1	E	1	1	0	
14	30.13	30.13	51.0	48.4	46.9	55.3	3.0	1.6	290	300	80	89	E	2	NE	3	6	10	
15	30.17	30.19	48.6	45.4	44.9	49.1	3.2	3.3	267	232	78	77	E	2	E	4	10	8	
16	30.15	29.10	46.3	43.0	41.7	49.9	4.5	2.4	218	226	70	82	NE	2	NE	2	9	4	
17	30.02	28.96	44.6	42.5	41.6	46.4	1.5	1.2	260	246	89	90	E	4	E	5	10	10	
18	30.12	29.20	44.9	45.1	42.2	45.9	1.2	1.4	270	267	92	89	E	5	E	4	10	9	
19	30.27	30.40	45.6	45.4	43.1	54.9	2.3	1.4	255	343	83	90	NE	1	E	1	9	10	
20	30.42	30.35	52.1	51.6	50.6	53.9	2.9	1.9	314	333	80	87	SE	2	S	1	10	10	
21	30.33	30.43	54.0	52.5	51.1	56.1	2.1	2.5	357	328	85	83	S	1	SE	1	10	10	
22	30.19	30.41	58.2	54.6	52.4	60.0	0.7	2.6	464	353	96	83	W	2	SW	3	10	7	
23	30.65	30.72	50.7	47.4	47.4	55.4	3.2	2.0	291	279	79	86	SW	3	SW	2	4	0	
24	30.49	30.40	48.9	44.5	42.1	50.6	1.7	3.0	304	290	88	78	SW	2	W	4	10	10	
25	30.47	30.42	46.1	53.9	43.2	55.1	0.7	1.0	296	387	95	93	SW	2	SW	4	10	10	
26	30.54	30.55	51.2	49.1	48.6	55.3	3.8	2.3	283	293	75	84	W	3	W	3	4	7	
27	30.64	30.49	49.2	48.6	46.8	58.1	2.4	1.7	292	302	84	88	SW	1	S	1	3	10	
28	30.61	30.49	46.1	47.9	45.2	50.5	0.8	0.6	293	318	94	96	Calm	0	NE	1	10	10	
29	29.39	29.21	47.7	44.9	44.0	52.3	3.3	1.0	324	275	98	93	Calm	0	E	1	10	10	
30	28.87	28.81	47.7	47.2	44.8	49.0	0.6	1.4	315	291	96	91	Calm	0	SW	1	10	10	
31	29.11	29.42	46.9	42.3	41.4	49.2	1.9	2.1	276	226	87	84	NW	2	SW	2	10	2	
Mean	29.599	29.592	49.9	49.7	46.6	54.5	1.9	1.8	316	316	87.4	87.5	1.5	1.8	8.4	7.8	3.799		

LADYLAW.—OCTOBER 1898.

Height above Mean Sea Level, 447 feet. Heights above Ground:—Bar., 15 feet. Therms., 4 feet. Rain-gauge, 10 inches.
Long. 2° 47' W. Lat. 55° 28' N. Gravity Correction, +0.26 in.

1	29.71	29.78	55.2	55.2	50.6	58.2	3.3	2.3	345	370	79	85	SW	2	SW	2	7	10	—	
2	79	83	58.4	56.1	53.2	64.6	1.4	1.5	445	438	91	90	SW	3	SW	1	10	10	—	Overcast all day. [7p]
3	85	86	56.2	57.0	50.8	62.4	1.2	0.2	416	459	92	99	SW	1	Calm	0	10	10	—	Overcast all day. ☼ ⁰ (mist) from 11p.
4	91	91	53.2	50.4	42.8	71.6	1.0	0.7	377	349	93	95	W	1	SW	1	0	0	—	Bright and warm all day.
5	89	83	48.0	53.1	42.8	61.4	0.1	1.1	332	373	99	92	Calm	0	SW	1	0	0	—	☼ ⁰ (mist) a. Overcast all day.
6	76	70	54.2	53.0	50.6	61.2	1.1	1.4	388	363	93	90	N	1	SW	1	10	10	—	Overcast nearly all day.
7	61	56	51.3	53.1	50.0	56.4	1.6	1.8	337	354	89	87	NW	1	N	2	10	10	—	Overcast all day.
8	55	55	55.8	52.0	48.4	60.2	3.1	1.8	360	340	80	87	E	1	SE	2	6	7	—	
9	53	53	52.2	50.0	41.6	60.2	2.0	1.7	337	372	86	88	N	1	NW	1	6	10	☼ ⁰ 6	☼ ⁰ from 5p.
10	58	59	49.2	48.0	44.4	60.4	1.4	1.3	315	304	91	91	W	1	NW	1	0	0	—	Bright all day. [day]
11	60	61	43.2	50.1	41.2	58.8	0.6	0.8	266	341	95	94	W	1	W	1	10	10	☼ ⁰ 52	☼ ⁰ (mist) a. and p. Overcast all day.
12	57	50	45.4	46.2	38.4	53.4	0.8	1.6	285	276	95	89	W	1	SW	1	10	10	—	Overcast all day.
13	47	37	42.4	47.0	38.4	56.8	1.1	0.7	248	306	91	95	SW	1	NW	1	4	10	☼ ⁰ 62	☼ showers from 4p.
14	30	29.12	49.3	49.0	44.6	56.8	1.0	1.4	326	312	93	90	W	1	NW	1	10	10	☼ ⁰ 6	Overcast all day. ☼ ⁰ from 7p.
15	29.00	28.89	45.2	43.0	40.6	53.6	0.5	0.7	290	262	97	94	N	2	N	3	10	10	☼ ⁰ 8	Overcast all day. ☼ ⁰ showers.
16	28.84	79	44.3	43.7	40.6	48.6	1.5	1.5	258	251	88	88	N	3	NE	4	10	10	☼ ⁰ 16	Overcast all day. ☼ ⁰ showers.
17	69	62	44.4	45.1	46.8	1.0	0.7	269	284	92	94	NE	6	NE	7	10	10	1-202	Overcast, with (gale) ☼ ⁰ 2.	
18	79	28.84	45.4	45.6	40.6	49.8	1.1	1.0	278	283	92	93	N	6	N	6	10	10	☼ ⁰ 28	Overcast, with ☼ ⁰ all day.
19	28.95	29.11	49.4	50.0	42.4	58.4	1.1	1.4	325	324	92	90	NE	1	NE	2	7	10	☼ ⁰ 54	Overcast, with ☼ ⁰ showers from 10a.
20	29.17	11	51.1	50.1	45.2	55.6	0.9	0.8	352	341	93	94	NE	1	NE	1	10	10	☼ ⁰ 48	Overcast all day. ☼ ⁰ from 10p.
21	29.06	19	52.2	55.2	49.6	59.8	1.8	0.8	342	443	88	95	E	1	S	1	6	10	☼ ⁰ 28	☼ ⁰ late p.
22	28.94	17	59.4	55.4	51.6	62.8	1.8	1.1	450	407	90	93	S	6	S	4	10	10	☼ ⁰ 22	☼ ⁰ showers.
23	29.37	48	53.0	45.0	42.6	60.2	2.8	1.3	327	268	81	90	SW	5	SE	1	6	4	—	☼ ⁰ a. Chilly p.
24	27	18	51.2	43.0	40.6	54.8	1.6	1.1	335	253	89	91	S	3	S	4	7	8	☼ ⁰ 52	☼ ⁰ showers.
25	26	17	44.4	53.1	40.8	55.8	1.0	1.1	269	373	92	92	SW	2	SW	3	10	6	☼ ⁰ 28	Overcast till 11p. ☼ ⁰ 2 showers.
26	27	30	51.3	50.2	43.6	58.8	1.4	0.9	342	340	90	94	SW	2	SW	2	4	3	—	Sunny day.
27	39	38	48.0	48.1	42.8	57.6	1.3	1.8	302	291	91	87	SW	1	SW	1	0	0	☼ ⁰ 28	Bright all day. ☼ ⁰ from 11p.
28	33	29.23	48.4	51.0	44.4	53.8	1.5	0.2	303	369	89	99	W	1	Calm	0	10	10	☼ ⁰ 28	Overcast all day. ☼ ⁰ 2 from 1p.
29	29.10	28.96	51.1	45.2	43.2	58.8	0.5	0.5	363	290	96	97	Calm	0	N	1	10	10	☼ ⁰ 36	☼ ⁰ 2 from 11p.
30	28.55	28.52	48.0	45.1	42.6	51.6	0.2	0.5	330	288	99	96	Calm	0	W	1	10	10	☼ ⁰ 6	☼ ⁰ 2 till 10a. ☼ ⁰ showers p.
31	28.78	29.15	49.4	39.2	37.0	53.4	0.8	1.2	333	216	94	90	SE	1	SE	2	10	3	—	
Mean	29.319	29.317	50.0	49.4	44.0	57.5	1.3	1.1	330	328	91.0	91.9	1.8	1.9	7.8	8.1	4.050			

SCARBOROUGH.—OCTOBER 1898.

Height above Mean Sea Level, 219 feet. Heights above Ground:—Bar., -6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 24' W. Lat. 54° 18' N. Gravity Correction, +0.25 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.					Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.			
							Dep. of Wet.		Vapour Tension.		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.	54.7	55.3	45.6	62.0	2.8	2.0	351	379	82	87	SW	1	Calm	0	4	8	ins.	—
2	30.03	30.07	54.7	55.3	45.6	62.0	2.8	2.0	351	379	82	87	SW	1	Calm	0	4	8	—	ppp a.
3	10	11	58.7	51.3	43.0	65.3	4.6	0.6	361	362	74	96	Calm	0	Calm	0	0	3	—	p.
4	13	15	61.7	53.3	47.9	64.0	2.8	3.0	457	337	84	80	Calm	0	Calm	0	7	4	—	ppp a. and p.
5	21	22	57.7	54.7	52.4	58.0	1.4	0.4	433	416	91	97	S	1	S	1	10	10	0.032	ppp a. and p.
6	17	30.09	53.9	54.8	53.2	55.5	0.4	0.2	404	424	98	98	NE	1	NE	1	10	10	0.030	ppp a. and p.
7	30.01	29.94	55.5	54.0	53.8	56.1	1.6	1.6	393	371	89	89	NE	1	NE	1	10	10	—	—
8	29.87	84	55.3	54.7	52.3	56.0	2.6	3.4	364	335	83	79	E	1	E	2	10	10	—	—
9	83	84	56.0	52.9	51.4	58.0	4.7	2.6	321	331	72	83	SE	2	Calm	0	6	10	0.010	—
10	85	84	54.5	50.7	47.4	56.9	4.1	3.5	316	284	74	77	SE	1	Calm	0	7	10	—	—
11	86	88	53.4	44.9	44.9	56.0	3.0	1.0	327	274	80	92	S	1	Calm	0	7	4	—	—
12	82	82	54.1	46.8	41.2	56.0	1.3	0.7	381	303	91	95	NW	2	Calm	0	7	5	0.122	p a. and p.
13	76	73	50.8	49.8	44.5	53.6	1.9	1.5	323	319	86	89	N	4	Calm	0	9	7	0.077	—
14	71	66	52.0	52.0	45.1	55.0	1.7	1.8	343	340	88	87	NNE	1	SE	3	9	7	0.084	ppp a.
15	57	43	52.8	51.7	47.5	53.8	3.3	3.1	313	304	78	80	SSE	1	SE	5	10	10	0.183	ppp a.
16	20	29.07	49.1	49.3	47.3	53.0	1.2	0.9	318	328	91	94	E	3	SE	7	10	10	0.361	ppp a.
17	29.00	28.88	48.8	48.7	47.0	50.6	0.6	0.4	330	334	95	97	SE	5	SE	3	10	10	0.615	ppp a.
18	28.79	85	50.0	54.2	46.9	55.4	0.4	0.9	351	394	97	94	ENE	5	SE	4	10	10	0.382	ppp a.
19	28.91	28.93	50.3	52.9	49.8	55.0	1.0	0.2	338	396	93	99	ENE	6	NE	1	10	10	0.477	ppp a.
20	29.19	29.39	53.3	52.0	49.7	56.1	2.8	0.4	358	377	82	97	SE	2	SE	1	5	10	0.796	ppp a.
21	49	44	52.8	51.1	49.2	53.4	0.6	0.4	382	365	95	97	S	1	Calm	0	6	10	0.071	—
22	36	53	54.0	54.9	51.0	64.0	0.5	0.8	403	407	97	95	SW	1	Calm	0	9	6	—	—
23	45	58	59.7	54.7	54.2	63.2	2.3	1.4	437	386	86	91	S	4	SW	1	10	8	0.035	ppp a.
24	75	82	54.7	51.8	49.5	58.1	1.8	2.5	375	321	88	83	SW	5	Calm	0	10	8	—	ppp a.
25	71	66	50.8	48.9	46.6	56.1	1.2	1.6	340	306	91	89	SW	1	Calm	0	7	7	0.021	ppp a.
26	61	54	45.0	55.7	44.9	56.4	2.0	2.4	254	374	85	85	SW	2	SW	4	8	10	0.022	ppp a.
27	60	69	56.7	50.7	49.8	60.6	3.6	1.4	358	334	78	90	SW	2	Calm	0	6	10	—	ppp p.
28	73	71	51.0	49.8	49.8	57.0	1.2	1.9	343	309	92	86	WSW	1	SW	1	7	10	0.010	—
29	65	58	53.3	53.9	49.5	58.4	1.7	1.9	360	362	88	87	SW	1	SW	1	7	10	0.021	—
30	29.41	29.23	53.6	52.4	49.4	57.5	0.4	0.3	400	385	97	98	SSW	2	Calm	0	10	10	0.472	ppp a. and p.
31	28.85	28.80	50.6	49.5	49.5	52.4	0.6	1.2	353	323	96	92	SW	3	SW	1	10	10	0.047	—
32	29.10	29.47	41.9	41.9	41.9	52.2	1.0	0.8	302	248	93	94	SW	2	SW	2	10	5	0.006	—
Mean	29.603	29.605	53.4	51.6	48.3	57.0	1.9	1.4	358	346	87.5	90.2	2.0		1.3	8.1	8.4	3.874		

STONYHURST.—OCTOBER 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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.	51.0	48.0	45.0	50.2	1.0	1.0	in.	in.	%	%					ins.	
2	29.89	29.94	51.0	48.0	45.0	50.2	1.0	1.0	348	309	93	93	Calm	0	Calm	0	—	
3	29.96	29.96	53.0	57.2	46.3	60.8	1.7	1.8	355	415	88	88	Calm	0	Calm	0	—	
4	29.98	29.98	51.5	57.9	45.7	66.6	0.5	2.9	367	394	96	82	NNE	1	N	1	—	
5	30.03	30.02	53.2	55.0	48.3	59.3	1.4	1.6	366	386	91	89	Calm	0	ENE	2	—	
6	29.96	29.86	54.0	56.0	53.0	57.0	1.3	1.7	380	399	91	89	NEbyE	1	EbyN	3	—	
7	29.80	29.74	55.4	54.9	54.6	58.3	2.0	2.9	382	350	87	81	E	1	E	2	—	
8	29.68	29.63	53.1	53.0	52.1	56.3	2.6	2.0	334	347	82	86	EbyN	2	E	1	—	
9	29.61	29.65	52.9	48.0	48.0	58.2	2.9	2.4	323	276	81	83	E	1	NEbyE	2	—	
10	29.63	29.64	50.2	49.8	43.8	54.3	3.2	1.8	284	312	79	87	EbyN	1	SbyE	1	—	
11	29.71	29.70	50.2	47.8	47.3	58.2	1.2	1.8	332	288	92	87	Calm	0	Calm	0	—	
12	29.69	29.70	46.7	45.0	44.9	55.8	0.7	2.0	302	253	96	85	N	1	N	1	—	
13	29.66	29.59	44.5	47.0	35.5	53.7	2.0	1.7	249	282	85	88	Calm	0	Calm	0	—	
14	29.54	29.45	47.5	47.5	40.9	54.8	1.5	1.7	291	287	89	88	NEbyN	1	E	1	—	
15	29.34	29.19	47.5	49.8	46.3	52.3	1.5	3.4	291	276	89	78	ESE	2	EbyN	2	—	
16	28.97	28.85	47.6	45.8	45.3	49.8	1.7	1.8	289	267	88	87	ENE	3	NE	3	—	
17	28.80	28.71	46.9	46.0	45.5	48.0	2.3	1.6	267	274	84	89	NEbyE	2	NE	2	—	
18	28.57	28.47	47.2	54.0	46.0	55.3	1.0	2.5	300	347	93	83	NE	3	E	4	—	
19	28.69	28.70	50.0	48.8	48.3	54.2	0.9	1.1	337	318	94	92	NEbyE	4	NEbyN	4	—	
20	28.93	29.16	49.2	49.0	48.8	53.3	1.5	1.3	313	315	90	91	ENE	2	ESE	1	—	
21	29.31	29.25	49.9	52.0	48.2	59.0	1.0	0.7	341	356	95	92	Calm	0	ESE	1	—	
22	29.20	29.36	54.0	55.0	51.6	59.0	1.0	0.7	388	412	93	95	Calm	0	Calm	0	—	
23	29.17	29.45	57.5	52.8	52.8	60.3	1.0	1.8	443	350	94	87	S	5	SWbyW	2	—	
24	29.63	29.67	55.0	48.0	48.0	57.3	2.0	1.0	375	309	87	93	SWbyW	2	Calm	0	—	
25	29.55	29.41	49.8	46.8	45.0	52.5	2.8	2.7	288	257	81	81	SWbyS	2	SWbyW	2	—	
26	29.49	29.48	48.0	54.0	42.9	54.3	0.9	1.0	312	388	94	93	SWbyW	2	SWbyW	4	—	
27	29.51	29.53	54.0	53.0	51.9	56.3	1.0	1.0	388	374	93	93	WSW	1	SWbyS	1	—	
28	29.58	29.53	51.6	51.0	48.6	55.3	1.6	0.6	340	358	89	96	SWbyS	3	Calm	0	—	
29	29.47	29.36	52.0	52.0	50.6	55.6	1.7	1.0	343	361	88	93	SSW	1	SbyE	4	—	
30	29.23	29.01	52.7	51.3	49.3	54.8	0.5	2.0	384	327	86	86	SW	1	NE	1	—	
31	28.76	28.74	49.5	49.0	48.0	52.3	1.7	2.0	311	298	89	86	SWbyW	2	SW	4	—	
32	29.03	29.35	47.0	41.4	41.1	49.4	1.0	1.4	298	231	93	89	WSW	3	WSW	1	—	
Mean	29.434	29.425	50.7	50.5	47.2	55.7	1.5	1.7	333	326	89.6	88.1	1.5	1.6	8.5	8.0	4.130	—

HILLINGTON.—OCTOBER 1898.

Height above Mean Sea Level, 88 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 33' E. Lat. 52° 48' N. Gravity Correction, +.021 in.

1	30.13	30.18	57.0	46.1	36.5	65.9	2.1	0.1	403	309	86	99	NE	1	E	0.5	3	0	—	Very fine day. $D^2 p.$
2	30.18	30.24	50.0	50.2	38.8	68.3	1.2	0.5	329	351	92	97	E	1	E	0.5	0	0	—	Beautiful day. $D^2 p.$
3	30.23	30.22	58.1	57.0	39.8	71.0	0.4	0.2	470	459	97	99	E	0.5	N	3	0	7	—	Lovely day. $D^2 p.$
4	30.23	30.27	57.9	58.0	56.5	62.7	0.5	1.4	464	437	97	91	E	0.5	ESE	3	0	10	—	Overcast all day. $D^2 p.$
5	30.21	30.12	56.3	55.3	55.0	62.7	0.5	0.6	437	419	97	96	ENE	2	E	3	10	10	—	$\odot^0 a.$ and $p.$ Very overcast.
6	30.05	29.99	57.0	55.2	54.8	59.3	2.7	1.6	386	388	83	90	E	4	E	2	10	10	—	Very overcast and damp.
7	29.95	29.91	54.8	53.0	52.9	57.5	2.2	3.3	367	316	86	78	E	1	ESE	3	10	10	—	Very overcast and damp.
8	29.88	29.88	55.0	46.0	45.3	60.5	2.6	1.9	360	267	83	87	SE	2	NE	1	0	0	—	Very overcast and damp.
9	29.95	29.94	52.8	48.2	34.5	60.4	5.1	2.4	273	279	69	84	SE	3	SE	0.5	0	10	—	Beautiful day. $D^2 p.$
10	29.99	29.96	51.3	39.9	39.3	59.7	1.6	0.3	336	239	89	98	NW	1	NW	0.5	9	7	—	Very fine and sunny.
11	29.89	29.87	45.0	50.0	34.9	59.3	0.3	2.3	292	303	98	84	NW	0.5	NE	2	0	0	—	Overcast a., then fine. $D^2 p.$
12	29.85	29.81	48.0	48.0	46.1	58.3	0.7	0.3	317	328	95	98	WNW	2	NE	0.5	7	10	—	$\approx a.$ Fine and sunny. $K^0 \odot^0 p.$
13	29.77	29.74	53.2	40.8	40.8	57.4	2.5	0.2	338	250	83	99	NE	2	NE	0.5	1	0	—	Very gloomy a. most of day.
14	29.67	29.46	50.0	48.0	39.9	55.5	2.3	1.3	303	303	84	91	SE	4	SE	2	10	10	—	Fine and sunny. $D^2 p.$
15	29.21	29.08	50.1	47.0	46.4	51.4	2.6	0.3	297	316	82	98	SE	5	E	4	10	10	—	∞
16	28.99	28.91	42.6	50.8	42.0	51.0	0.8	0.2	255	266	93	98	ENE	4	SE	2	10	10	—	Very overcast all day. $\odot^0 p.$
17	28.85	28.80	51.8	51.9	50.3	65.5	1.1	0.4	356	375	92	98	S	2	SE	4	9	0	—	Overcast, chilly, and blustering. $\odot^0 p.$
18	28.83	29.06	55.0	50.2	50.1	60.4	0.3	1.4	424	327	98	91	ESE	4	SE	2	10	0	—	Overcast a. Lovely day. $D^2 p.$
19	29.28	29.41	54.3	51.9	48.0	60.3	2.5	0.3	352	378	84	98	S	4	S	0.5	8	10	—	$\odot^2 a.$ and noon- $ap.$
20	29.63	29.64	49.9	52.7	48.0	55.1	0.2	1.4	355	360	99	90	S	1	S	1	10	10	—	$\odot^2 a.$ and $3p.$
21	29.53	29.71	54.1	56.8	51.1	61.3	0.3	0.5	410	446	98	96	SW	1	S	0.5	10	10	—	Overcast and damp. $\infty.$ $\odot^2 12p.$
22	29.72	29.79	61.9	61.0	53.9	65.1	3.0	1.6	454	482	83	90	SW	3	SW	5	9	10	—	$\odot^2 a.$ Fine and sunny $p.$
23	29.97	29.98	52.0	49.8	48.7	62.1	0.4	0.1	377	356	97	99	SW	2	SW	0.5	6	2	—	Overcast day.
24	29.94	29.88	52.0	51.0	44.8	58.6	0.5	0.7	374	356	97	95	SW	2	W	4	10	10	—	Delightful day. $D^2 p.$
25	29.89	29.88	47.0	55.1	41.0	56.6	1.0	1.6	298	386	93	89	SW	1	SW	4	10	8	—	Fine and sunny afternoon.
26	29.89	29.88	57.0	56.5	52.8	61.4	1.2	1.6	428	409	92	89	SW	3	SW	3	6	10	—	Overcast all day. Colder.
27	29.89	29.84	55.0	54.5	53.4	58.8	1.1	1.0	400	396	92	94	SW	0.5	SW	0.5	10	10	—	Overcast, but warm.
28	29.83	29.79	54.1	51.2	49.0	59.4	2.2	1.3	357	343	85	91	SW	3	SE	3	10	10	—	Overcast, mild, and close.
29	29.59	29.35	55.4	54.8	49.1	59.5	0.6	0.3	421	421	96	98	S	2	SSE	1	10	10	—	Pleasant day. $\infty D^2 p.$
30	29.13	29.18	40.5	50.0	48.7	57.3	1.7	1.6	309	319	89	89	WSW	5	S	5	6	0	—	Overcast all day. $\odot^2 p.$
31	29.41	29.65	48.3	42.5	42.0	53.7	2.2	1.8	285	233	85	86	SW	5	SW	1	0	0	—	Sunny a., then gloomy.
																				Delightful day.
Mean	29.727	29.721	52.8	51.1	46.3	59.9	1.5	1.0	362	352	90.1	92.9	2.3	2.0	6.6	6.6	2.620			

CHURCHSTOKE.—OCTOBER 1898.

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.		Air Temperature.					Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
								Dep. of Wet.		Vapour Tension.		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.	48.9	45.4	43.9	64.7	0.1	0.3	34.4	29.7	99	98	NE 2	N 1	10	0	ins.	☁ (mist) a. Fine day.
2	29.80	29.74	48.9	45.4	43.9	68.7	0.1	0.3	34.4	29.7	99	98	NNW 1	NW 1	2	0	—	Fine and bright.
3	76	76	50.9	52.7	39.5	68.7	0.9	0.7	34.9	36.5	94	95	N 1	W 1	10	0	—	☁ (mist) a. Bright p.
4	79	76	50.9	51.7	46.0	64.3	0.9	0.7	34.9	36.5	94	95	Calm 0	NE 2	10	9	—	☁ (mist) a.
5	74	76	50.4	54.9	44.2	57.3	0.2	1.3	36.1	39.3	99	92	NE 2	NE 2	10	10	—	Dull day.
6	69	59	56.5	55.7	54.2	57.7	2.3	0.9	38.9	41.6	85	94	E 2	Calm 0	10	10	—	Dull day.
7	54	48	54.9	54.1	53.5	57.1	0.9	1.1	40.4	38.6	94	92	SE 2	SE 1	10	0	—	Dull day.
8	44	35	52.4	53.1	51.9	55.1	1.4	1.1	35.6	37.3	90	92	ESE 2	SE 1	10	0	0.40	Day cold and dull.
9	33	39	48.0	42.8	42.0	54.7	1.7	0.8	29.3	25.7	88	94	E 3	E 1	10	0	0.100	
10	38	46	47.1	42.8	41.9	50.7	1.4	0.4	29.0	26.6	90	97	SE 1	SE 1	9	9	0.200	Cloudy and cool.
11	51	49	47.8	48.1	36.0	57.1	0.4	0.3	32.3	32.9	97	98	W 1	NW 2	10	10	—	Dull a., low clouds.
12	48	53	47.5	45.6	42.8	53.2	0.6	0.9	31.3	28.5	96	94	WNW 1	SE 1	0	0	—	Bright and warm.
13	45	36	43.4	37.8	34.0	56.7	0.7	0.4	26.6	21.9	95	97	E 1	E 2	10	8	0.40	Damp and cold.
14	30	29.18	43.8	45.6	33.4	49.5	0.0	0.9	28.6	28.5	100	94	ESE 2	SE 4	10	10	1.28	Cloudy and cold.
15	29.05	28.87	48.7	47.9	44.0	55.5	2.2	2.2	28.9	28.0	85	85	E 4	SE 2	10	10	4.40	Cold and stormy.
16	28.67	57	47.3	45.3	45.0	49.9	1.2	1.4	29.7	27.0	92	89	NE 4	NE 1	10	10	7.80	Cloudy day. ☁ showers.
17	53	41	46.4	46.6	44.8	47.1	1.7	0.5	27.5	30.4	88	97	E 2	SE 2	10	10	1.460	☁ all day.
18	28	27	49.9	54.1	46.2	56.1	0.1	0.5	35.7	40.4	99	96	E 2	NW 1	10	10	0.10	Cold and damp.
19	33	28	52.4	48.4	48.2	55.0	0.4	0.4	38.2	33.0	97	97	SE 2	SE 1	10	10	0.100	Cloudy and damp.
20	28.68	99	48.1	49.3	47.5	49.9	0.1	0.9	33.4	32.8	99	94	NW 1	NW 1	10	6	0.10	
21	29.13	28.97	48.9	51.9	44.0	53.5	1.7	0.1	30.3	38.4	88	99	SSE 1	SE 1	10	10	0.100	
22	108	29.19	55.1	54.9	51.2	63.1	0.7	1.9	41.3	37.5	95	88	E 2	E 1	9	10	0.100	Warmer. ☁ showers.
23	14	35	60.2	53.4	51.8	62.1	1.5	2.4	47.2	34.3	91	83	SW 3	W 2	4	8	—	Bright and warm.
24	48	49	54.5	49.4	49.0	60.3	2.3	0.4	36.1	34.3	85	97	SW 2	SE 1	8	5	4.10	Bright and breezy.
25	41	33	50.3	45.8	43.9	54.6	1.9	1.7	31.6	26.9	87	88	SSW 2	SW 2	6	4	0.10	Warm day. ☁ showers.
26	37	38	52.7	54.7	44.2	59.1	1.5	2.7	35.7	35.3	89	83	WSW 3	SW 2	10	10	0.30	Mild day. ☁ showers.
27	39	35	58.2	54.9	54.2	60.7	2.4	0.9	41.2	40.4	85	94	SSW 1	SW 2	10	10	—	Cloudy and mild.
28	41	35	53.9	53.1	51.4	58.7	2.4	2.1	34.9	34.6	84	85	SSW 1	SW 2	9	10	0.68	Very mild. ☁ p.
29	26	29.14	52.7	50.9	49.5	56.5	1.9	0.4	34.6	36.2	87	98	WSW 1	SW 1	9	10	0.20	Dull and warm. ☁ p.
30	29.06	28.72	52.1	52.9	50.2	56.6	0.3	0.7	38.1	38.1	98	95	SW 2	SW 2	9	2	0.290	
31	28.66	28.72	50.1	45.8	45.7	53.7	2.7	1.2	29.5	27.9	81	91	WSW 1	W 1	8	2	0.40	
Mean	29.229	29.207	50.7	49.3	45.6	56.5	1.4	1.0	33.6	33.0	90.3	93.2	1.8	1.5	8.8	6.5	5.855	

WOOLACOMBE.—OCTOBER 1898.

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.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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.	%	%	E	E		ins.
1	30.22	30.25	60.4	53.6	49.0	62.2	5.4	1.4	364	371	69	90	E	E	2	—
2	26	22	59.4	57.4	50.4	65.2	3.6	3.6	397	367	79	78	SE	E	0	—
3	22	20	59.6	59.4	47.8	66.4	4.8	5.0	369	360	72	71	E	E	2	—
4	24	20	59.8	59.8	51.0	64.4	3.2	2.1	415	446	81	87	E	E	1	—
5	30.12	30.04	59.6	56.8	55.0	61.4	3.0	2.0	418	403	82	87	NE	SE	1	—
6	29.95	29.91	60.8	58.8	54.8	64.6	2.1	2.4	464	421	87	85	SE	SE	3	—
7	87	80	59.8	57.6	55.2	63.2	2.7	2.0	428	415	84	87	SE	SE	3	—
8	78	84	55.2	55.6	54.6	58.8	1.4	2.8	394	362	91	82	SE	E	2	—
9	29.85	29.99	56.4	56.6	53.0	60.6	1.4	3.0	413	371	91	81	SE	W	1	—
10	30.05	30.03	54.6	54.2	50.0	61.2	2.2	3.2	365	334	85	79	SE	N	1	—
11	30.00	30.03	54.2	54.0	51.0	57.8	4.6	4.2	301	307	71	73	NW	N	2	—
12	29.96	29.88	55.2	49.6	46.8	58.6	4.0	2.8	328	286	75	81	N	NE	2	—
13	73	58	52.0	52.8	44.0	55.2	4.8	3.4	270	311	70	77	SE	SE	4	—
14	43	25	55.0	53.4	50.4	57.6	4.8	3.4	306	318	71	78	SE	SE	3	—
15	29.05	28.94	55.0	50.6	50.0	55.6	2.4	1.8	365	322	85	88	SE	SE	4	—
16	28.90	74	50.6	51.4	48.4	54.4	2.0	1.4	317	343	86	90	E	E	4	—
17	67	73	54.8	57.2	50.8	59.4	2.0	3.0	373	379	87	81	E	Calm	0	—
18	28.92	29.03	52.4	54.2	51.4	57.4	0.8	1.0	371	391	94	93	NW	W	7	—
19	29.27	55	54.0	54.8	51.0	55.4	2.8	3.6	340	331	81	77	NW	SW	2	—
20	64	57	54.2	55.2	49.2	58.0	2.6	2.4	348	367	83	85	SE	S	1	—
21	58	74	59.8	59.8	51.4	60.6	0.7	0.9	491	483	96	94	SW	S	2	—
22	29.73	29.92	61.2	57.8	57.8	62.0	1.9	2.0	475	418	89	87	S	SW	2	—
23	30.03	30.04	58.0	56.2	53.4	61.2	1.4	1.4	437	410	91	91	W	SW	1	—
24	00	29.94	56.4	54.6	52.4	58.4	4.2	5.8	339	269	74	66	W	W	7	—
25	01	30.02	57.4	57.8	51.8	58.8	2.4	2.6	400	401	85	83	W	W	6	—
26	30.01	29.96	57.8	57.6	56.2	58.6	1.4	1.8	434	421	90	88	W	W	3	—
27	29.94	90	57.4	54.6	54.0	59.8	2.6	2.2	396	364	84	85	S	S	2	—
28	77	60	55.4	56.8	52.6	57.4	2.8	1.0	360	431	83	83	SE	SE	3	—
29	57	26	56.2	51.8	51.6	58.4	1.6	1.2	404	353	90	91	W	S	3	—
30	23	33	51.8	53.6	49.0	57.2	3.8	2.8	289	335	75	81	S	W	7	—
31	29.48	29.78	52.4	50.2	46.0	54.4	4.8	4.3	274	261	70	72	NW	SW	1	—
Mean	29.724	29.718	56.3	55.3	51.3	59.5	2.8	2.6	376	366	82.3	83.3	2.8	2.6	8.0	6.270

SOUTHAMPTON.—OCTOBER 1898.

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.

1	30.29	30.25	56.8	50.7	43.8	67.5	3.2	1.8	370	325	80	88	NE	2	NNE	1	0	—	Beautifully fine. D a. and p.
2	30.27	30.22	55.5	52.1	41.2	68.4	2.6	2.0	367	337	83	86	NNE	1	ENE	1	0	—	Very fine day. D p.
3	30.23	30.20	57.9	55.3	46.9	71.1	2.1	2.2	417	375	87	86	NE	1	ENE	1	5	0	Beautiful day.
4	30.24	30.22	61.5	56.0	52.1	70.2	3.7	1.4	427	408	78	91	ENE	3	E	1.5	9	1	Very fine and warm.
5	30.14	30.08	59.1	58.5	54.9	63.6	2.0	1.5	438	443	88	90	E	3	E	1.5	10	10	Overcast all day.
6	30.00	29.96	59.4	57.9	53.7	63.1	1.3	1.8	464	425	93	89	SE	3	E	2	10	10	D a. Overcast all day.
7	29.91	29.88	56.1	55.6	51.1	59.7	1.2	1.8	415	391	91	88	E	3	E	2	10	10	Overcast all day.
8	29.83	29.89	54.7	53.8	52.8	59.3	2.7	3.9	352	311	82	75	E	3	ENE	2	10	10	Overcast all day.
9	29.92	29.97	54.8	51.0	50.7	58.3	0.9	0.8	392	353	71	94	ESE	3	N	0.5	10	1	Dull a. 11 a.—3 p.
10	30.05	30.02	47.9	48.4	46.1	56.1	0.4	0.7	323	323	98	95	N	1	NW	0.5	10	10	Fine and pleasant. D p.
11	29.96	29.96	52.5	48.6	44.7	58.2	0.5	1.5	381	305	96	90	NW	1	NW	3	10	0	Fine day. D p.
12	29.95	29.87	50.1	44.9	42.6	61.5	2.0	1.2	311	270	86	92	NW	2.5	NW	0.5	0	0	D a. and p. Beautiful day.
13	29.82	29.70	43.1	51.0	37.1	54.8	0.1	2.9	276	301	99	81	NE	1	ESE	3.5	9	9	Dull day.
14	29.56	29.34	54.8	52.6	49.1	60.8	4.7	2.7	306	326	72	81	SE	4	SE	4.5	10	10	early a.
15	29.09	29.01	50.8	49.9	49.5	53.6	1.8	0.9	325	335	87	94	E	4	ENE	3	10	10	3 p.—6 p.
16	28.96	28.85	49.8	55.5	48.3	56.0	0.9	1.6	335	395	93	89	NE	2.5	S	3	10	10	p. 10 p.
17	28.74	28.74	59.0	57.4	53.9	60.4	3.9	1.7	383	420	77	89	S	4	SE	4	10	2	11 a.—1 p.
18	28.83	29.09	54.2	52.1	51.9	58.9	0.5	2.1	406	334	97	85	W	4	SW	3.5	10	10	2 n. and a. Day fine.
19	29.29	29.56	52.8	52.3	50.1	58.8	0.7	1.6	380	349	95	89	SW	3.5	SW	1	10	10	till 10 a.
20	29.69	29.63	47.8	56.6	44.4	59.5	0.4	0.3	323	450	97	98	NE	0.1	SSW	3	10	10	showers. 0 from 5 p.
21	29.58	29.81	60.7	58.7	53.0	65.8	0.7	0.9	507	465	96	95	WSW	3	SW	1	10	10	till 8 a., then fine and mild.
22	29.86	29.92	61.6	60.2	58.1	65.2	1.9	0.6	485	502	88	97	SW	4	SW	3	10	10	3 p.—5 p.
23	30.07	30.09	55.8	53.8	49.9	63.7	0.9	0.7	420	395	94	95	WSW	1	SW	1	7	1	Beautiful day. D p.
24	29.94	29.93	55.3	52.6	49.2	62.5	1.4	2.0	397	343	90	86	WSW	2	WSW	1.5	0	10	Beautiful day. 0 p.
25	30.02	30.02	54.8	56.5	47.3	62.0	2.1	2.1	371	395	87	86	WSW	3	WSW	2	10	10	
26	30.03	30.01	57.7	56.3	54.0	63.1	2.6	1.6	400	407	84	89	WSW	3.5	WSW	3	10	10	Day fine and pleasant.
27	30.00	29.95	57.4	55.8	53.8	60.3	2.1	3.6	409	347	87	77	SW	2.5	S	1.5	10	10	
28	29.87	29.74	58.2	55.4	52.9	60.7	2.2	1.1	418	407	86	93	S	3	SSE	3	5	10	Beautiful day.
29	29.63	29.58	58.8	56.1	54.9	59.9	0.9	0.4	467	439	95	97	SSW	3.5	SSW	2	10	10	from 10 a.
30	29.32	29.37	52.8	50.2	46.8	57.7	3.7	2.1	304	310	76	86	WSW	4	SW	3	1	0	Beautiful a. 0 noon—4 p.
31	29.57	29.78	52.3	43.9	43.9	58.4	3.4	0.9	305	266	77	93	W	3	W	0.5	0	0	Beautiful day.
Mean	29.764	29.752	55.0	53.5	49.3	61.3	2.0	1.6	380	369	87.4	89.2	2.6	2.0	7.6	6.6	4.991		

PLYMOUTH.—OCTOBER 1898.

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.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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	30.14	30.20	58.7	53.0	46.9	64.9	4.3	0.8	.368	.366	74	94	NE	ESE	2	5	—	Very fine and sunny.
2	19	15	57.0	53.7	44.7	66.1	3.1	2.8	.374	.337	80	81	NE	NE	0	5	—	Beautifully fine.
3	13	10	59.0	60.0	51.2	62.9	3.1	4.9	.404	.372	81	72	ENE	NE	4	0	—	Beautifully fine.
4	16	30.13	59.0	58.2	53.4	61.0	2.1	1.2	.433	.448	87	92	ENE	NE	10	10	—	
5	30.05	29.98	59.2	58.7	57.5	63.7	1.2	1.0	.464	.462	93	94	ENE	E	10	0	—	Fine p.
6	29.89	29.86	61.0	59.7	57.1	66.9	1.0	0.7	.503	.489	94	96	E	E	10	0	.030	Fine all day.
7	82	76	59.7	58.7	56.5	63.5	0.4	0.3	.499	.484	98	98	E	NE	10	0	.370	
8	71	78	60.5	57.2	55.9	65.3	1.0	0.9	.494	.440	94	94	ESE	NE	9	7	.225	
9	79	97	59.0	54.0	52.0	62.9	0.9	0.8	.470	.394	95	94	NW	NW	4	0	—	Beautifully fine.
10	99	97	50.5	41.0	43.0	61.5	0.4	0.6	.355	.358	96	96	Calm	NW	10	0	.150	
11	97	98	47.0	49.0	41.0	55.9	1.0	1.1	.298	.320	93	92	NNW	N	10	3	.030	● showers. Colder.
12	92	82	50.2	47.8	40.0	61.2	1.5	1.1	.325	.306	90	92	NW	E	0	0	—	
13	69	52	54.7	55.2	43.2	57.2	2.8	1.0	.351	.407	81	93	SE	SE	9	10	.530	Overcast all day. ● n.
14	29.35	29.18	53.0	54.8	51.4	57.3	0.7	1.7	.383	.382	95	89	ESE	E	10	10	.870	● 2 early a.
15	28.96	28.89	54.5	53.0	51.7	59.9	0.9	1.0	.399	.374	94	93	ESE	SE	8	3	.240	● 2 early a.
16	82	69	54.6	58.2	49.4	58.2	1.5	1.3	.383	.445	90	91	SE	SSW	9	7	.990	● nearly all day. n.
17	57	28.66	57.5	56.0	51.9	61.1	0.6	1.1	.455	.416	96	92	S	N	10	10	.560	Frequent ● showers. Bright
18	28.91	29.09	51.6	57.7	49.9	56.3	1.3	3.6	.341	.305	91	77	W	W	10	10	.060	Frequent ● showers. [intervals]
19	29.29	53	52.6	52.6	50.0	57.8	1.2	2.1	.364	.340	92	86	WNW	SSW	10	10	.060	
20	61	55	57.0	53.7	49.3	58.2	2.3	1.5	.397	.370	85	89	SW	W	10	10	.610	● all day.
21	54	73	60.5	60.2	52.9	65.9	0.2	0.4	.521	.508	99	98	W	SW	10	10	.065	
22	29.72	29.87	60.8	57.2	50.7	61.0	2.0	1.3	.468	.429	88	91	SW	W	10	4	.060	● showers all day.
23	30.00	30.03	58.0	54.8	47.6	62.5	0.8	0.9	.457	.405	94	94	SW	SW	6	10	.220	● 2 showers in evening.
24	00	29.95	56.1	52.1	46.7	59.8	3.0	1.2	.367	.357	81	91	W	W	4	8	.110	Sunny a. ● showers p.
25	00	30.03	56.8	56.3	50.9	59.9	1.9	1.4	.405	.412	87	90	W	W	9	9	—	Overcast most of day.
26	30.00	29.96	58.7	56.3	54.4	60.9	1.8	0.7	.438	.433	88	95	W	SW	6	10	.020	Fine day.
27	29.93	87	57.2	55.8	53.9	57.9	2.3	1.0	.400	.417	85	94	SW	SW	9	10	.015	Overcast all day.
28	77	59	56.2	58.2	54.5	58.9	1.1	1.1	.419	.451	93	93	SW	S	10	10	.010	Overcast all day.
29	56	25	56.0	53.0	51.9	58.5	1.6	1.4	.402	.363	89	90	NW	SW	8	10	.030	● showers.
30	23	34	55.0	53.0	48.6	56.1	1.9	1.4	.378	.363	88	90	SW	W	10	3	.050	● showers a. Fine p.
31	29.54	29.74	50.5	47.2	41.0	56.1	1.6	1.2	.327	.295	89	92	W	W	2	0	.010	Sunny day. ● showers n.
Mean	29.685	29.683	56.2	54.8	50.0	60.6	1.6	1.3	.408	.395	89.7	91.1	—	—	7.7	5.9	5.315	

ARMAGH.—OCTOBER 1898.

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.		Air Temperature.				Humidity						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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.	56.4	59.6	42.5	61.0	2.0	1.0	in.	in.	%	%	SSW	2	SSW	1	ins.	Overcast all day. Overcast all day. <

MARKREE CASTLE.—OCTOBER 1898.

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°04	30°10	57°8	60°8	48°2	65°4	0°2	0°8	472	506	95	95	S	1	S	1	10	10	—	
2	12	13	62°3	59°8	58°7	64°3	2°4	1°5	480	466	85	91	SSE	1	SE	1	10	10	—	Overcast all day.
3	13	14	56°5	48°5	47°6	65°8	1°2	0°6	421	326	92	95	SSE	2	SE	0°5	5	0	—	Beautiful day. ☁ ⁰ (mist) p.
4	20	15	54°2	53°5	38°5	68°6	1°4	1°0	380	377	91	93	Calm	0	SE	0°5	0	0	—	Very fine.
5	30°10	30°00	56°7	56°0	52°6	58°5	1°1	1°8	427	397	93	88	SE	2	SE	2	10	10	—	
6	29°81	29°82	57°8	57°0	55°3	61°6	2°5	2°0	404	405	84	87	SE	2	ESE	3	10	10	—	Overcast all day.
7	74	66	58°1	57°1	55°7	60°8	3°1	2°2	392	401	80	85	SE	3	SE	4	5	10	—	☁ ¹ p.
8	62	56	56°7	56°4	54°9	61°5	1°5	2°4	415	385	90	85	SE	3	SE	5	10	10	470	(gale) p.
9	72	84	58°0	43°0	42°6	60°0	3°1	0°5	390	266	91	96	NNW	1	N	0°5	4	3	030	☁ ² early a.
10	29°93	29°97	53°3	41°8	38°6	57°5	2°5	0°9	338	247	83	93	N	0°5	Calm	0	7	9	—	☁ ² early a. Fine day.
11	30°01	29°99	50°7	37°0	31°8	57°9	2°6	0°7	395	206	83	94	Calm	0	N	0°5	3	0	—	☁ ² early a. Fine day.
12	29°88	29°88	43°8	45°7	29°0	55°3	0°5	0°9	274	287	95	94	S	1	SE	2	8	4	—	☁ ² early a.
13	55	44	51°5	51°3	41°5	53°9	2°8	3°3	310	296	81	78	SE	3	SSE	3	10	10	010	Overcast all day.
14	32	23	50°6	51°7	48°9	54°8	2°8	2°7	298	314	81	82	SE	3	SE	4	10	10	010	Overcast all day.
15	08	03	50°8	48°7	47°5	52°3	3°0	2°3	296	289	80	84	ESE	4	ESE	4	10	10	010	
16	29°03	29°06	47°2	43°8	42°9	50°0	2°4	2°9	269	224	84	77	E	4	NE	3	10	2	—	Overcast all day.
17	28°99	28°98	47°7	46°8	42°2	51°3	3°0	3°3	261	246	80	76	NE	3	NE	5	9	10	320	
18	28°83	29°14	50°6	48°0	43°3	52°4	0°7	2°4	351	276	95	83	SE	3	ENE	4	10	7	090	
19	29°35	29°35	50°0	42°2	41°5	52°9	4°3	0°6	259	236	72	95	NE	2	NE	1	4	0	010	
20	39	33	45°4	54°7	35°6	54°9	1°2	1°0	276	400	92	94	SE	2	SSE	2	10	10	100	
21	38	31	54°0	55°2	51°6	62°2	0°6	1°4	400	395	96	91	S	1	SSW	5	10	10	150	
22	27	36	57°9	50°8	50°2	61°3	2°9	1°7	394	328	82	88	SSW	2	S	3	7	5	—	
23	78	78	51°7	44°5	40°5	58°3	3°4	1°2	298	266	78	90	S	2	SE	2	5	5	250	☁ ² early a. Prismatic ☐ p.
24	63	71	48°0	45°7	43°7	52°9	1°3	1°4	302	275	91	90	SSW	2	SSW	2	8	10	200	
25	64	66	55°2	54°4	45°0	57°3	0°9	1°1	410	392	94	93	SSW	3	S	3	10	10	080	
26	72	72	51°8	48°7	46°3	57°8	1°5	1°2	346	314	89	92	SSW	1	SW	2	9	9	010	
27	74	71	46°8	40°8	38°7	56°3	1°5	1°0	284	234	89	92	Calm	0	Calm	0	7	9	—	
28	61	51	43°3	42°6	30°3	51°4	0°5	0°5	270	262	96	96	SSE	1	Calm	0	10	8	—	☁ ² early a.
29	29°48	29°48	41°2	41°9	39°4	45°3	0°3	0°2	253	262	98	98	SE	0°5	SE	1	10	10	—	☁ ² till noon.
30	28°93	28°93	44°5	47°6	37°5	50°3	0°8	0°4	275	319	94	97	SE	2	SW	4	10	10	800	☁ ² in evening.
31	29°40	29°60	46°7	36°3	35°4	51°2	1°9	0°5	275	205	87	96	WSW	2	SSE	0°5	7	1	010	Fine day.
Mean	29°597	29°595	51°6	48°8	43°7	56°9	1°9	1°4	340	317	87.6	90.0	1.8	2.2	8.0	7.2	2.550			

DUBLIN (PHENIX PARK).—OCTOBER 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.	Vapour Tension.		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.	58.6	57.7	37.8	61.8	5.0	0.8	in.	in.	%	%					ins.	Cloudy a. Dull p. ☐ 9p. Beautiful day, ☐ p. ☐ a. and p. Beautiful day. ☐ a. ☐ p. ☐ a. [p. Dull day. ☐ 11a.-1p. ☐ showers ☐ 8p. Bright a. ☐ showers p. ☐ a. and p. Dull day. ☐ from 11p. ☐ till 11a. ☐ showers p. Dull day. ☐ 10a.-7p. ☐ till 11a. Dull day. ☐ 760. Dull, with ☐ all day and night. ☐ till noon and 1p.-7p. Dull a. Cloudy p. ☐ 0 a. Dull day. ☐ 9a.-11a. Cloudy p. Beautiful day from 10a. Beautiful day. ☐ 4p. ☐ 9a. Cloudy day. ☐ showers 4a.-6a. Cloudy day. ☐ 7p. Dull day. ☐ p. Dull day. ☐ a. and p. Dull day. ☐ from 5p. ☐ till 3a. and 10a.-3p. ☐☐ p. Beautiful day.
2	30.08	30.15	58.6	57.7	37.8	61.8	5.0	0.8	350	453	71	95	Calm	0	5	8	0.005	
3	14	15	61.2	58.1	56.4	63.4	2.5	0.8	459	458	85	94	Calm	0	9	9	—	
4	15	15	58.7	49.2	48.3	64.1	1.3	0.5	452	337	92	97	Calm	0	0	0	—	
5	19	16	56.4	52.6	40.9	67.5	0.5	0.7	440	377	97	95	Calm	0	4	4	—	
6	30.10	30.01	55.6	56.9	50.6	59.2	0.5	1.9	428	406	97	88	Calm	0	9	9	—	
7	29.90	29.85	57.5	55.9	52.1	60.8	2.1	1.2	411	413	86	93	ESE	1	6	0	—	
8	79	70	56.4	56.8	55.1	58.8	1.9	1.9	399	405	88	87	E	1	8	10	—	
9	68	67	56.1	56.4	54.9	57.2	2.1	2.7	390	377	86	83	SE	1	SE	1	—	
10	69	88	54.3	45.0	44.1	61.8	0.9	0.9	396	277	94	93	SW	1	Calm	0	—	
11	93	95	50.2	44.5	38.8	57.7	1.8	1.2	317	266	88	90	Calm	0	Calm	0	—	
12	97	97	46.3	42.1	37.9	56.5	2.1	0.6	265	255	85	95	Calm	0	Calm	0	—	
13	89	74	43.0	38.7	37.2	53.3	0.5	0.2	266	231	96	98	Calm	0	Calm	0	—	
14	63	48	52.0	53.2	36.2	53.8	2.8	4.4	315	293	81	72	SE	2	SE	2	—	
15	35	29.22	50.9	53.0	49.7	54.7	2.3	2.4	315	337	85	84	E	2	ESE	2	—	
16	29.03	28.97	51.7	50.4	48.7	53.8	3.3	3.9	301	272	78	75	E	2	E	2	—	
17	28.94	29.00	48.8	49.1	46.9	51.3	1.9	3.2	300	273	86	77	E	2	NE	3	—	
18	78	28.75	49.4	46.1	45.6	50.4	1.7	1.1	310	286	89	92	NE	3	N	2	—	
19	28.87	29.07	45.1	50.5	44.3	52.0	0.3	1.8	293	322	97	88	Calm	0	NE	2	—	
20	29.24	43	47.6	43.2	42.6	51.0	1.5	0.6	293	266	90	95	N	1	Calm	0	—	
21	44	40	42.2	51.2	34.9	56.1	0.5	0.4	279	366	97	98	Calm	0	Calm	0	—	
22	40	44	54.0	57.3	47.2	62.4	0.6	4.7	400	338	96	72	Calm	0	S	1	—	
23	33	63	57.1	53.6	53.4	64.2	1.2	2.6	430	339	91	82	SW	1	SW	1	—	
24	82	85	53.1	46.3	43.3	58.9	3.3	1.5	316	279	78	90	SW	1	SW	1	—	
25	69	72	47.3	44.6	44.3	53.7	1.4	1.7	292	256	90	87	SW	1	WSW	1	—	
26	70	70	54.3	55.2	42.8	57.7	2.4	2.7	354	360	83	83	SW	2	SW	2	—	
27	75	73	54.8	50.7	50.3	58.8	2.0	1.1	373	342	88	92	SW	1	Calm	0	—	
28	77	73	50.0	49.2	46.2	55.2	1.2	0.6	389	335	92	96	Calm	0	Calm	0	—	
29	63	52	47.6	48.7	46.5	50.1	0.7	0.5	313	334	95	96	Calm	0	Calm	0	—	
30	29.48	15	47.8	49.1	45.0	53.8	0.7	0.6	314	334	95	96	Calm	0	Calm	0	—	
31	28.99	03	51.4	45.8	42.4	51.4	4.2	2.1	277	261	73	85	Calm	0	SW	2	—	
32	29.41	29.62	43.2	40.4	39.9	51.5	2.6	1.3	224	224	81	90	W	1	Calm	0	—	
Mean	29.606	29.603	51.8	50.0	45.3	56.9	1.9	1.6	342	325	88.1	89.0	0.7	0.8	7.0	6.0	4.050	

DEERNESS.—NOVEMBER 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.									
	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.	45.0	49.0	42.0	49.2	3.0	2.8	233	280	%	%	SSW 5	S 6			ins.	Fine a. Dull and overcast p.
2	29.33	29.20	45.0	49.0	42.0	49.2	3.0	2.8	233	280	78	80	SSW 5	S 6	1	10	440	28.67
3	28.78	28.80	49.1	43.2	41.8	51.8	0.9	1.9	326	238	93	85	SW 5	WSW 8	10	4	570	28.78
4	28.79	28.97	46.0	42.6	38.7	44.8	2.1	2.2	207	203	84	82	SW 7	SWbyS6	7	1	245	28.79
5	29.16	29.38	42.2	40.0	38.8	46.0	5.0	1.6	207	238	67	87	WhyS9	WSW 6	9	8	355	29.16
6	29.57	29.60	44.0	47.8	38.8	47.8	2.2	1.7	223	213	84	86	WhyN3	WSW 1	2	4	250	29.57
7	29.66	29.90	48.0	46.2	43.8	49.8	1.2	2.5	261	272	90	82	WSW 2	S 5	5	8	220	29.66
8	30.00	30.00	46.0	45.2	43.0	50.8	1.1	1.4	333	317	92	90	S 5	SbyE5	5	10	1010	30.00
9	29.77	29.77	46.0	45.5	43.2	47.0	2.4	1.4	276	281	83	91	SbyE5	SW 1	10	0	—	29.77
10	29.77	29.77	46.0	45.5	43.2	47.0	1.0	0.4	287	292	93	97	WhyS1	S 1	10	0	—	29.77
11	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 1	10	5	—	29.77
12	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 7	1	10	—	29.77
13	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 7	1	10	—	29.77
14	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 7	1	10	—	29.77
15	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 7	1	10	—	29.77
16	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 7	1	10	—	29.77
17	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 7	1	10	—	29.77
18	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 7	1	10	—	29.77
19	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 7	1	10	—	29.77
20	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 7	1	10	—	29.77
21	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 7	1	10	—	29.77
22	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 7	1	10	—	29.77
23	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 7	1	10	—	29.77
24	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 7	1	10	—	29.77
25	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 7	1	10	—	29.77
26	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 7	1	10	—	29.77
27	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 7	1	10	—	29.77
28	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 7	1	10	—	29.77
29	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 7	1	10	—	29.77
30	29.77	29.77	46.0	45.5	43.2	47.0	0.0	0.5	311	293	100	96	SSE 3	SSE 7	1	10	—	29.77
Mean	29.495	29.499	43.3	43.1	39.1	46.7	2.1	1.7	242	247	83.8	86.2	4.5	4.1	6.8	5.6	4.420	

DUNROBIN CASTLE.—NOVEMBER 1898.

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°54	29°40	42°8	48°0	35°8	49°2	1°8	1°8	236	290	86	87	W	NW	—	—	400	Fine a. Dull p.
2	28°94	28°94	42°8	47°8	35°2	48°0	2°8	1°6	288	230	81	69	NW	NW	—	—	350	Dull with ☉.
3	29°09	29°15	42°2	38°8	38°0	48°5	3°2	0°8	205	220	77	94	W	W	—	—	230	☉ showers a.
4	29°20	29°26	45°0	43°8	38°0	50°0	2°2	2°8	249	226	84	78	NW	NW	—	—	770	
5	29°39	29°40	40°0	40°0	38°0	47°0	0°8	2°0	230	207	94	84	NW	NW	—	—	020	
6	29°74	29°79	41°0	46°0	38°0	50°0	1°0	2°2	235	261	92	85	NW	NW	—	—	030	Dull, with ∞.
7	29°75	29°70	50°8	50°0	45°0	51°5	2°8	2°5	301	298	81	83	NW	SE	—	—	—	Dull, with ∞.
8	29°80	29°80	48°8	49°0	39°0	50°2	2°8	0°8	278	237	80	94	W	W	—	—	—	Clear a. ☐ p.
9	30°19	30°18	39°8	39°2	37°0	51°0	0°3	1°2	239	216	98	90	W	W	—	—	—	Clear and frosty.
10	30°07	30°00	39°8	40°0	38°0	49°0	0°3	1°0	239	226	98	92	W	W	—	—	010	
11	29°56	29°76	41°2	46°2	39°0	48°8	0°7	1°2	244	285	95	92	W	W	—	—	—	☐ a.
12	29°60	29°75	48°8	48°0	45°0	50°0	1°6	2°0	305	285	88	86	W	W	—	—	310	Dull, with ☉ p.
13	30°04	29°02	40°0	40°8	35°0	49°0	3°0	1°8	189	217	76	86	W	SW	—	—	—	Fine and clear.
14	29°85	29°10	48°5	43°8	35°0	49°0	3°0	2°3	270	237	80	82	W	E	—	—	030	Dull and mild.
15	30°15	30°03	39°2	44°5	37°0	48°0	1°2	1°0	216	271	90	92	W	W	—	—	—	Fine a.
16	29°88	29°83	45°0	53°0	38°0	54°0	2°0	1°2	253	369	85	92	W	W	—	—	—	Fine, clear, and mild.
17	30°10	30°23	50°0	45°0	40°0	54°0	2°0	1°2	309	271	86	91	W	W	—	—	020	Fine day.
18	29°20	29°17	48°0	53°0	44°0	56°2	0°5	3°5	322	311	97	77	W	SW	—	—	—	Fine and mild.
19	30°24	30°20	46°5	49°2	43°0	54°0	0°5	1°2	304	319	96	92	NE	E	—	—	—	Fine and mild.
20	29°97	29°95	45°0	44°0	40°0	50°0	1°0	1°2	275	261	92	90	NE	E	—	—	090	Dull and mild. ☉ showers p.
21	30°03	30°26	36°0	31°0	31°0	45°0	1°0	1°0	193	148	91	85	W	W	—	—	170	☉ showers. ☉☉ (sleet) p.
22	30°18	29°67	29°2	35°8	25°2	36°0	1°0	3°8	133	143	83	67	NW	E	—	—	030	☉ showers a. Blowy p.
23	29°38	29°35	38°0	41°0	35°2	42°0	2°0	1°8	190	219	83	86	E	E	—	—	450	Dull and blowy, with ☉ showers.
24	29°31	29°17	40°0	40°0	39°0	42°2	2°0	2°0	207	207	84	84	NW	E	—	—	320	☉ showers a. Blowy p.
25	29°16	29°39	45°0	44°0	39°2	46°0	2°0	3°8	253	209	85	72	SE	E	—	—	—	☉ (gale) p.
26	29°42	29°26	39°0	38°0	36°0	47°0	1°8	3°0	203	173	86	75	E	NW	—	—	—	Fine and clear.
27	29°31	29°52	36°2	35°2	34°0	42°0	2°0	1°2	177	182	83	88	NW	NE	—	—	150	
28	29°62	29°67	33°5	30°0	30°0	42°0	2°5	1°0	142	140	74	83	E	E	—	—	020	Clear and cold.
29	29°57	29°53	25°2	33°0	28°0	34°0	0°2	1°0	129	167	97	89	NE	E	—	—	—	☉ showers a.
30	29°36	29°26	36°0	45°0	30°0	45°6	1°0	1°5	193	264	91	89	NE	NW	—	—	220	Clear and frosty.
Mean	29°701	29°710	41°7	42°8	37°0	47°8	1°6	1°9	234	239	87.1	85.1	—	—	—	—	3°820	

BRAEMAR.—NOVEMBER 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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	28.42	28.32	41.4	45.6	36.4	47.0	2.7	2.1	.207	.259	80	85	SW 1	SW 10	7	8	.860	Dull, a. Gusty p.
2	27.83	27.95	52.8	48.4	44.2	55.0	2.0	3.2	.359	.264	93	78	SW 8	W 4	9	9	.090	Damp and gusty.
3	28.00	28.02	39.6	36.9	33.2	49.7	3.1	2.2	.185	.179	76	82	SW 4	SW 6	7	9	.560	Gusty, with ✱.
4	28.12	28.16	40.4	39.6	33.7	45.4	2.2	1.4	.207	.215	83	89	SW 4	SW 2	7	7	.100	Gusty p.
5	28.12	28.16	39.6	36.9	33.7	45.4	2.2	1.4	.199	.197	81	81	SW 0.5	SW 0.5	7	5	.010	☉ showers
6	28.12	28.16	38.9	44.0	34.7	44.9	1.4	1.6	.210	.252	90	87	SW 0.5	SW 4	6	8	.010	Dull and damp.
7	28.12	28.16	47.6	45.4	43.1	48.2	2.9	2.6	.262	.246	80	82	SW 4	SW 0.5	8	9	.020	Dull and damp.
8	28.68	28.72	43.6	33.3	29.2	51.7	1.9	1.0	.243	.170	86	89	SW 0.5	SW 0.5	8	1	—	Fine day.
9	29.02	29.06	28.6	39.3	25.7	53.1	0.8	4.6	.133	.158	85	66	SW 0.5	SW 0.5	2	6	—	Fine day.
10	28.90	28.94	31.2	35.8	29.0	52.0	0.7	0.3	.158	.205	90	98	SW 0.5	SW 0.5	6	0	—	Fine day.
11	28.93	28.97	31.4	41.7	28.4	49.3	0.9	0.9	.155	.246	88	93	SW 0.5	SW 0.5	7	4	—	Fine day.
12	28.93	28.97	43.3	45.6	34.8	47.5	1.5	0.1	.248	.304	88	100	SW 0.5	SW 0.5	7	10	.490	Dull and damp.
13	28.77	28.81	39.4	31.9	28.6	46.2	3.3	1.4	.179	.148	75	82	NW 2	NE 0.5	8	0	—	Snow on hills. Fine day.
14	28.76	28.80	41.3	39.8	28.3	45.4	2.8	1.5	.204	.215	79	88	SW 2	SW 0.5	8	6	—	Dull and damp.
15	28.96	28.99	31.8	34.4	29.6	45.2	0.9	1.1	.158	.177	88	88	SW 0.5	SW 0.5	5	8	—	Fine day.
16	28.79	28.83	40.9	51.6	32.3	52.0	1.4	2.9	.237	.309	89	80	SW 0.5	SW 2	8	8	—	Dull and mild.
17	28.91	28.95	51.6	48.6	46.2	54.7	2.6	1.9	.315	.297	82	87	SW 0.5	SW 0.5	7	9	—	Fine day.
18	29.06	29.10	46.6	47.6	44.2	50.0	2.4	1.1	.262	.303	93	93	SW 0.5	SW 0.5	6	9	—	Fine day.
19	29.07	29.11	38.6	28.9	27.3	48.8	0.3	1.4	.225	.120	95	76	SW 0.5	SW 0.5	0	0	—	Fine day.
20	28.79	28.83	31.3	39.8	26.0	41.3	0.8	2.0	.157	.206	89	84	SW 0.5	N 0.5	2	7	.010	Fine a. Dull p.
21	28.79	28.83	31.3	39.8	26.0	41.3	0.8	2.0	.147	.122	81	80	W 0.5	NE 1	4	3	.020	Fine a. ✱ p.
22	28.79	28.83	31.3	39.8	26.0	41.3	0.8	2.0	.147	.122	81	80	NW 0.5	W 0.5	6	10	.040	Dull, with ✱.
23	28.18	28.22	29.6	33.4	25.2	33.5	0.1	0.2	.162	.187	100	98	E 1	SE 0.5	9	10	.300	✱✱
24	28.05	28.09	33.9	33.8	24.5	36.2	0.4	0.3	.187	.188	96	97	E 0.5	NE 0.5	9	10	.610	✱☉
25	27.88	27.92	35.7	37.8	32.3	38.8	0.4	1.1	.202	.206	97	91	NE 0.5	NE 8	10	10	1.230	Dull day.
26	28.15	28.19	35.6	34.6	33.0	38.3	1.1	2.1	.189	.160	90	79	NE 0.5	NE 0.5	9	8	.010	Dull day.
27	28.05	28.09	33.6	34.1	31.8	36.3	2.1	2.1	.151	.155	78	78	E 2	N 2	6	8	.080	✱ showers.
28	28.33	28.37	45.2	28.6	24.0	35.2	0.6	1.1	.138	.126	89	81	NE 2	S 0.5	10	8	.180	✱ showers.
29	28.41	28.45	32.0	29.9	25.9	29.0	0.9	0.4	.050	.127	70	91	S 0.5	SW 0.5	7	8	—	✱ showers.
30	28.30	28.34	34.9	41.6	24.7	43.5	1.1	1.9	.181	.224	90	86	SW 0.5	SW 2	8	8	.090	Dull day.
Mean	28.538	28.509	36.6	38.1	30.8	44.4	1.5	1.6	.190	.203	85.7	85.9	1.3	1.7	6.8	6.9	4.640	

DUNDEE.—NOVEMBER 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
							Dep. of Wet.		Vapour Tension.		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.	°	°	°	°	°	in.	in.	%	%						ins.		
2	29.52	29.42	44.8	48.8	37.6	49.2	1.7	2.1	.257	.295	87	85	W	2	W	4	10	10	Dull day.
3	28.90	28.97	56.0	49.0	47.9	57.7	2.2	1.3	.386	.315	86	91	SW	10	SW	2	10	10	☉ n. and during day. [11a. (gale) till
4	29.10	29.11	43.7	40.5	38.3	49.8	2.1	1.1	.240	.228	84	91	W	6	W	6	20	10	☉ showers.
5	29.21	29.21	44.0	44.8	39.1	49.5	2.3	1.9	.238	.254	82	86	W	8	W	8	5	10	☉ n. and gp. (gale).
6	29.32	29.51	43.2	39.6	37.7	48.7	1.4	1.5	.249	.213	89	88	W	2	W	1	5	5	—
7	29.73	29.74	39.6	45.3	32.9	48.8	0.9	0.7	.225	.286	93	95	W	1	W	1	10	10	☉ showers 1p. and 8p.
8	29.74	29.66	43.8	44.2	43.3	50.7	1.4	0.6	.302	.278	91	95	S	1	SE	2	10	10	Dull from 1p.
9	30.09	30.03	39.4	36.4	33.1	44.5	0.3	0.8	.235	.200	98	93	NW	1	N	1	10	10	Dull day. ☁ from 5p.
10	29.91	29.90	39.0	38.2	35.3	40.7	0.3	0.8	.232	.214	98	94	N	1	W	1	10	10	☉ showers.
11	29.88	29.75	40.2	44.4	32.1	44.3	1.6	0.8	.216	.274	88	94	SE	1	W	1	10	10	Dull day. ☁.
12	29.53	29.44	48.4	49.4	42.3	49.3	0.8	1.3	.321	.320	94	91	S	1	SE	1	10	10	Dull day. ☁.
13	29.80	29.88	43.7	35.0	33.9	49.7	2.1	0.2	.240	.300	84	98	NE	2	NW	1	10	5	☉ from 8p.
14	29.76	29.94	43.9	44.3	32.7	46.6	2.1	0.2	.242	.286	84	98	W	2	W	1	10	10	Dull till 11a.
15	30.03	29.99	38.8	39.2	37.4	45.3	0.2	0.6	.232	.228	99	95	W	1	NW	1	5	10	☉ showers.
16	29.94	29.89	39.4	52.2	37.9	51.7	0.2	1.4	.237	.353	99	91	NE	1	W	2	10	10	Dull, with ☉.
17	29.98	30.11	53.9	50.8	50.3	55.1	1.3	0.2	.378	.367	91	98	SW	1	W	1	10	10	Dull, with ☉.
18	30.14	29.13	48.6	49.6	47.4	51.8	0.8	0.9	.323	.332	95	94	SW	1	W	1	10	10	Dull, with ☉. ☉ from 6p.
19	30.15	30.05	38.6	44.1	36.6	50.7	0.3	1.0	.228	.266	97	92	NW	1	NE	1	7	7	Dull day.
20	29.85	29.78	39.0	43.9	38.1	44.5	0.9	1.6	.220	.252	93	87	NW	1	NW	1	10	10	☉ showers.
21	29.87	30.04	37.6	33.9	32.9	43.9	1.8	2.9	.158	.139	70	72	NW	1	N	2	0	5	☉ n. and during day.
22	30.05	29.64	28.8	32.6	27.2	34.0	1.2	1.2	.124	.160	79	86	NW	2	SE	2	5	10	☉ (gale) ☉ showers n. and a.
23	29.17	29.04	33.9	40.4	29.3	40.5	1.2	0.8	.171	.235	87	94	SE	10	SE	10	10	10	☉ showers.
24	29.07	28.88	39.6	40.5	36.8	40.6	1.8	0.9	.208	.233	85	93	SE	8	SE	2	10	10	☉ n. and during day.
25	28.85	28.95	42.8	44.4	37.7	44.2	0.7	0.6	.259	.278	95	95	E	4	NE	8	10	10	☉ (gale) ☉ n and till 2p.
26	29.09	29.04	39.1	37.6	36.3	44.3	0.7	1.7	.225	.193	94	85	NE	10	N	2	10	10	☉ showers from 2p.
27	29.03	29.22	38.5	37.1	33.3	41.2	2.6	2.2	.183	.179	79	81	NE	1	NW	1	5	5	☉ ga.—11a.
28	29.38	29.46	33.6	30.6	27.4	37.2	2.8	0.5	.138	.157	72	91	NW	1	NW	1	10	10	☉ showers from 2p.
29	29.43	29.36	24.3	30.2	21.8	33.8	0.7	0.4	.106	.157	81	94	NW	1	NW	1	7	10	☉ showers from 2p.
30	29.38	29.16	34.8	47.7	27.3	48.2	3.2	3.3	.142	.255	70	78	SW	2	SW	4	10	10	☉ ga.—11a.
Mean	29.587	29.578	41.0	41.8	36.0	46.1	1.3	1.1	.233	.246	88.0	90.1	2.8	2.4	8.6	8.9	4.390		

GLASGOW.—NOVEMBER 1898.

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	29.53	29.33	45.7	50.1	42.0	50.3	2.2	1.5	258	323	85	89	SW	2	S	4	10	10	1392	Dull day. Squally ☉ 2p.
2	28.90	28.90	55.3	50.3	49.1	56.1	0.8	1.9	414	316	95	87	SW	4	W	3	10	10	582	Squally (force 7) ☉ 2p.
3	29.13	29.13	41.8	45.1	40.1	50.9	1.9	4.3	227	210	86	70	W	3	W	4	8	7	360	Squally ☉ 2p.
4	29.26	29.26	47.1	45.4	41.5	48.6	4.1	1.2	232	276	72	92	W	3	W	3	8	9	402	Dull, with ☉ showers.
5	29.33	29.33	45.9	43.6	43.1	49.8	1.8	1.6	268	248	88	87	SW	1	W	1	7	3	186	☉ p.
6	29.72	29.69	44.6	49.4	41.9	50.8	1.3	2.0	265	303	90	87	Calm	0	S	1	7	9	012	Dull and overcast.
7	29.67	29.56	50.1	47.5	47.5	52.3	3.0	3.1	287	257	80	79	S	1	E	2	10	10	013	☉ a. Dull and overcast.
8	29.70	29.73	49.0	43.3	43.3	51.2	2.8	0.7	280	265	80	95	S	1	NE	1	10	8	—	☉ in evening.
9	29.74	29.69	42.7	40.3	40.1	47.4	0.5	0.3	263	243	96	98	E	1	NE	1	10	10	—	☉ all day.
10	29.91	29.86	37.8	39.4	37.1	43.5	0.1	0.4	224	233	99	97	NE	1	E	1	10	10	—	☉ a. and p.
11	29.83	29.69	35.9	40.7	34.9	41.1	0.1	0.2	209	250	99	98	NE	1	E	2	10	10	—	☉ a. ☁ (mist) p.
12	29.47	29.37	48.8	49.6	40.3	51.2	1.4	0.6	310	340	90	96	SE	1	E	1	10	10	500	Dull and overcast. ☉ 2 in evening.
13	29.79	29.87	44.9	37.9	37.9	50.1	4.3	0.8	209	211	70	93	Calm	0	Calm	0	3	9	030	☉ a. ☁ in evening.
14	29.85	29.94	44.0	46.5	37.9	47.2	2.7	0.4	230	306	79	97	SW	1	Calm	0	10	10	095	☉ a. and p.
15	29.02	29.06	41.7	43.8	40.4	48.2	0.8	1.4	248	255	94	89	Calm	0	Calm	0	9	10	098	Dull a. ☉ p.
16	29.89	29.88	43.9	54.2	42.4	54.3	0.6	2.2	273	358	95	85	Calm	0	SW	2	10	10	—	Dull and overcast.
17	29.97	29.09	52.2	51.9	51.6	55.1	0.5	0.9	377	362	97	94	SW	1	SW	1	10	10	—	Dull and overcast.
18	29.10	29.11	52.2	47.9	47.9	53.1	1.7	2.9	345	244	89	80	S	1	S	2	10	3	—	☉ (mist) a. and p.
19	29.13	29.01	42.1	39.9	39.9	48.4	1.1	0.2	244	261	91	99	Calm	0	Calm	0	10	10	—	
20	29.84	29.79	35.9	43.6	35.9	43.7	0.5	1.0	201	261	96	92	Calm	0	W	1	3	10	—	
21	29.08	29.08	36.9	35.1	34.9	43.7	0.9	4.8	201	222	92	59	W	1	NE	1	0	0	—	Fine and clear.
22	29.05	29.54	27.3	31.9	26.9	35.4	1.3	1.2	109	152	74	84	Calm	0	SE	3	10	10	103	☉ a. ☉ in evening.
23	29.01	28.92	29.9	36.7	28.9	37.1	0.5	1.5	153	189	92	87	E	3	E	1	10	10	580	☉ a. ☉ in evening.
24	28.96	28.82	36.7	38.5	33.3	38.7	0.9	1.0	200	213	92	92	E	3	NE	2	10	10	368	Overcast, with ☉ 2.
25	28.76	28.88	42.2	43.2	37.9	45.1	1.2	1.1	243	255	90	91	E	2	E	2	10	10	153	Dull day. ☉ showers.
26	29.06	29.02	41.7	40.0	39.9	43.9	3.0	2.7	205	194	78	78	NE	3	E	1	10	10	—	Dull and overcast.
27	29.03	29.25	36.7	37.3	36.0	42.0	3.5	3.7	155	157	72	70	N	1	N	1	0	7	—	Fine and clear.
28	29.41	29.39	33.9	29.9	29.6	37.4	3.9	3.1	122	094	64	56	NW	1	NW	1	3	0	—	☉ before 9a.
29	29.41	29.35	34.2	34.2	34.2	34.9	1.1	1.2	112	174	77	87	Calm	0	W	1	10	10	038	☉ (mist) a. ☉ p.
30	29.35	29.23	39.1	48.1	33.1	49.7	1.1	1.0	217	311	91	93	SW	1	W	5	10	10	130	☉ a. Squally (gale) ☉ showers
Mean	29.566	29.553	41.8	42.8	38.7	46.7	1.7	1.6	236	246	86.4	86.7	1.2	1.6	7.9	8.5	5.042			

LADYLAW.—NOVEMBER 1898.

Height above Mean Sea Level, 447 feet. Heights above Ground:—Bar., 15 feet. Therms., 4 feet. Rain-gauge, 10 inches.
Long. 2° 47' W. Lat. 55° 28' N. Gravity Correction, +026 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.					
							Dep. of Wet.		Vapour Tension.		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.	°	°	°	°	°	°	°	°	%	%	SE	1	S	4	3	10	ins.	°824	Fine day. ●² from 7'30p.
2	29°27	29°17	44°0	43°1	37°0	51°8	1°7	0°8	°250	°261	86	93	SW	8	SW	3	10	10	°784	●² till noon.	
3	28°71	28°73	53°1	52°2	41°4	57°8	1°1	1°1	°373	°361	92	93	SW	4	S	4	0	10	°122	●⁰ showers.	
4	28°89	28°91	46°4	44°0	38°8	53°4	1°5	1°4	°280	°257	89	89	SW	3	S	4	0	10	°106	●⁰ showers.	
5	29°03	29°01	44°2	45°6	38°4	51°6	2°3	1°2	°240	°279	82	91	SE	3	SE	3	6	10	°122	●⁰ showers.	
6	°06	°24	46°2	43°0	39°8	55°8	1°9	1°4	°270	°247	87	89	SE	2	SW	3	7	6	°088	●⁰ showers.	
7	°47	°46	44°0	47°1	36°8	52°8	1°3	0°8	°259	°305	90	94	SW	1	SW	3	0	7	°062	●⁰ showers from 1p.	
8	°42	°35	47°0	44°2	40°6	52°8	1°2	1°5	°293	°257	92	89	SE	2	SE	2	8	0	—	—	Cloudy till 3p.
9	°42	°64	43°4	43°0	39°6	47°8	1°5	1°3	°249	°249	88	90	SE	1	SW	1	10	10	—	—	Overcast all day. ∞
10	°75	°68	41°0	40°3	38°4	55°2	0°8	0°4	°239	°242	94	97	Calm	0	Calm	0	10	10	—	—	Calm and overcast all day. ∞ p.
11	°63	°59	37°2	37°8	34°6	50°8	0°5	0°9	°212	°210	95	93	Calm	0	SW	1	6	0	—	—	∞ at times.
12	°57	°45	32°3	44°0	30°2	48°6	0°6	1°3	°171	°259	93	90	W	1	SW	1	3	0	—	—	Fine all day.
13	°23	°11	48°0	47°6	38°2	50°6	1°2	0°9	°304	°308	92	94	Calm	0	W	1	10	10	°542	—	Overcast all day. ●² from 9p.
14	°46	°59	43°1	41°1	39°6	48°4	0°9	1°0	°258	°236	93	92	SE	2	SE	1	10	10	—	—	Overcast all day.
15	°57	°65	47°2	46°0	35°4	49°8	1°5	1°4	°289	°278	90	90	SW	2	SW	1	8	10	°084	—	Overcast all day.
16	°71	°67	43°3	39°4	37°2	50°6	0°9	1°0	°261	°220	93	91	SW	1	SW	1	10	10	°056	—	Overcast all day.
17	°63	°64	43°0	53°2	38°6	54°2	0°3	1°0	°270	°377	98	93	W	1	SE	1	10	10	°032	—	Overcast all day. ●⁰ showers.
18	°70	°81	53°1	47°6	44°6	53°8	1°2	1°3	°370	°298	91	91	S	1	SW	1	10	10	—	—	Overcast all day.
19	°83	°83	50°3	45°7	42°2	53°6	0°5	1°1	°353	°282	97	93	SW	2	SW	1	10	10	—	—	Overcast all day.
20	°85	°74	35°4	31°9	30°2	48°4	1°0	1°5	°188	°146	91	80	Calm	0	SW	1	10	10	—	—	Overcast all day. ∞² at times.
21	°55	°50	38°4	38°8	29°8	43°8	0°8	2°0	°216	°207	93	88	SW	1	W	1	10	10	—	—	Overcast all day.
22	°56	°69	37°2	35°7	32°8	45°6	0°8	2°0	°205	°173	93	83	SW	1	NW	1	5	0	—	—	Overcast all day.
23	29°73	29°26	27°1	31°9	24°8	38°8	0°7	1°5	°124	°146	85	80	Calm	0	SW	1	0	10	°106	—	Overcast all day.
24	28°78	28°62	29°9	36°3	27°4	37°2	1°6	0°7	°125	°201	75	94	N	2	NE	3	0	10	°302	—	✱ early a. ☒. ●⁰ from 4p.
25	°65	°53	38°0	37°4	33°4	38°8	1°1	0°8	°206	°208	90	93	NE	3	N	2	10	10	°256	—	☒. ●² showers.
26	°65	°56	43°0	42°7	36°2	45°2	0°2	1°3	°273	°246	98	89	N	2	Calm	0	10	10	°408	—	Overcast all day. ●² showers.
27	°69	°69	43°2	41°0	38°4	44°8	0°9	0°6	°260	°244	92	95	NW	2	NW	2	10	10	°288	—	Overcast all day. ●² showers.
28	28°67	28°84	38°3	36°3	34°6	42°8	0°9	1°7	°213	°183	93	85	NW	2	NW	2	8	6	—	—	Sunny but cold.
29	29°05	29°13	31°9	29°6	28°0	38°8	1°7	1°5	°142	°124	78	76	NW	1	N	1	4	5	°094	—	☒ a. ☒ 9p.
30	°12	29°04	17°2	34°3	15°4	34°8	1°2	0°7	°060	°184	64	93	N	1	SW	1	0	10	°074	—	☒☒☒.
31	29°12	28°97	35°0	47°4	30°6	49°0	1°1	1°0	°182	°303	89	93	NW	1	SW	2	10	8	°068	—	☒ 9a. ●⁰ showers.
Mean	29°284	29°270	40°7	41°6	35°1	48°2	1°1	1°2	°238	°243	89°4	90°0	1°6		1°6	7°3	8°1	4°296			

CRONKBORNE.—NOVEMBER 1898.

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.		Air Temperature.					Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
								Dep. of Wet.		Vapour Tension.		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.	°	°	°	°	°	°	in.	in.	%	%					ins.		
2	29.68	29.57	49.3	54.0	37.8	54.0	1.6	0.8	.311	.394	89	94	SW 4	S 5-6	7	10	.819	☁ a. Squally from 6p.	
3	29.68	29.57	49.3	54.0	37.8	54.0	1.2	0.0	.427	.449	93	100	SSW 7	WSW 5-6	10	10	.392	☁ a. and p. Fine, with squally	
4	29.68	29.57	49.3	54.0	37.8	54.0	3.0	1.6	.286	.262	80	88	WSW 6-7	W 6	3	3	—	☁ a. showers from 5p.	
5	29.68	29.57	49.3	54.0	37.8	54.0	1.6	1.8	.304	.325	89	87	WSW 5-6	WSW 6	4	10	.202	☁ a. showers from 3p.	
6	29.68	29.57	49.3	54.0	37.8	54.0	1.5	1.8	.315	.250	90	86	W 3	Calm	0	6	.098	☁ a. showers from 3p.	
7	29.68	29.57	49.3	54.0	37.8	54.0	1.7	1.2	.348	.372	93	90	SSW 1	S 3-4	7	8	.038	☁ a. showers from 3p.	
8	29.68	29.57	49.3	54.0	37.8	54.0	0.7	1.2	.349	.346	89	92	SE 4-5	SE 5	9	10	.001	☁ a. Fine a. ☁ (mist) p.	
9	29.68	29.57	49.3	54.0	37.8	54.0	1.1	0.9	.367	.351	95	91	Calm	ESE 2	2	10	—	☁ a. Fine a. ☁ (mist) p.	
10	29.68	29.57	49.3	54.0	37.8	54.0	0.6	0.2	.345	.358	96	99	ESE 3	E 2	2	4	—	☁ a. Fine a. ☁ (mist) p.	
11	29.68	29.57	49.3	54.0	37.8	54.0	0.2	0.0	.362	.361	98	100	E 3	ESE 3	7	10	—	☁ a. Fine a. ☁ (mist) p.	
12	29.68	29.57	49.3	54.0	37.8	54.0	0.5	0.1	.384	.358	96	99	ESE 2	SE 4	10	10	—	☁ a. Fine a. ☁ (mist) p.	
13	29.68	29.57	49.3	54.0	37.8	54.0	2.0	0.8	.275	.202	86	93	N 2	NW 3	10	10	.578	☁ a. Fine a. ☁ (mist) p.	
14	29.68	29.57	49.3	54.0	37.8	54.0	0.1	0.3	.327	.360	86	99	SW 4	WSW 3	9	10	.170	☁ a. Fine a. ☁ (mist) p.	
15	29.68	29.57	49.3	54.0	37.8	54.0	0.8	0.2	.327	.285	94	98	N 1	WNW 1	10	10	.276	☁ a. Fine a. ☁ (mist) p.	
16	29.68	29.57	49.3	54.0	37.8	54.0	0.2	0.2	.415	.430	99	99	WSW 3-4	SW 1	10	10	.017	☁ a. Fine a. ☁ (mist) p.	
17	29.68	29.57	49.3	54.0	37.8	54.0	0.8	0.5	.380	.375	94	97	SW 1	Calm	0	8	.040	☁ a. Fine a. ☁ (mist) p.	
18	29.68	29.57	49.3	54.0	37.8	54.0	1.5	1.5	.360	.310	86	90	SSE 2	SE 4	10	10	.001	☁ a. Fine a. ☁ (mist) p.	
19	29.68	29.57	49.3	54.0	37.8	54.0	1.1	2.2	.271	.283	92	85	ESE 3	SE 2	10	10	—	☁ a. Fine a. ☁ (mist) p.	
20	29.68	29.57	49.3	54.0	37.8	54.0	0.8	1.6	.292	.278	98	94	WNW 1	W 1	10	10	.084	☁ a. Fine a. ☁ (mist) p.	
21	29.68	29.57	49.3	54.0	37.8	54.0	0.8	1.6	.257	.190	94	86	NNW 3	N 3	8	1	.130	☁ a. Fine a. ☁ (mist) p.	
22	29.68	29.57	49.3	54.0	37.8	54.0	0.4	2.2	.166	.202	88	83	NNW 1	SSE 5	2	10	.693	☁ a. Fine a. ☁ (mist) p.	
23	29.68	29.57	49.3	54.0	37.8	54.0	0.8	0.9	.242	.257	97	94	E 5-6	E 6-7	10	10	.212	☁ a. Fine a. ☁ (mist) p.	
24	29.68	29.57	49.3	54.0	37.8	54.0	0.9	0.9	.230	.266	94	93	E 7-8	ENE 6	10	10	.214	☁ a. Fine a. ☁ (mist) p.	
25	29.68	29.57	49.3	54.0	37.8	54.0	1.9	1.0	.272	.309	86	93	ENE 4	E 4-5	9	10	.047	☁ a. Fine a. ☁ (mist) p.	
26	29.68	29.57	49.3	54.0	37.8	54.0	1.4	1.4	.285	.255	90	89	NE 5	N 3	7	10	.154	☁ a. Fine a. ☁ (mist) p.	
27	29.68	29.57	49.3	54.0	37.8	54.0	1.8	1.6	.227	.186	86	86	ENE 2	N 2	9	2	—	☁ a. Fine a. ☁ (mist) p.	
28	29.68	29.57	49.3	54.0	37.8	54.0	2.1	1.2	.188	.163	82	86	NE 3-4	NNW 3	2	2	.011	☁ a. Fine a. ☁ (mist) p.	
29	29.68	29.57	49.3	54.0	37.8	54.0	0.2	0.1	.177	.257	98	99	NNE 1	NW 2	10	8	.120	☁ a. Fine a. ☁ (mist) p.	
30	29.68	29.57	49.3	54.0	37.8	54.0	0.6	1.2	.278	.345	95	92	WSW 3	W 5	10	7	.146	☁ a. Fine a. ☁ (mist) p.	
Mean	29.634	29.630	47.2	46.9	41.8	50.9	1.2	1.0	.303	.305	91.5	92.5	3.2	3.3	7.6	8.0	4.443		

STONYHURST.—NOVEMBER 1898.

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	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	WSW 1	SSW 3	10	4	0.470	Fine day.
2	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	SSW 7	SW 5	10	10	0.990	Squally ☁ a. and p.
3	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	WbyS 3	WSW 5	9	7	0.175	☁ a. showers.
4	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	WSW 5	swbyW 3	10	10	1.160	☁ a. showers.
5	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	W 1	W 1	10	3	0.210	☁ a. showers.
6	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	swbyW 1	SSW 1	10	0	—	☁ a. showers.
7	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	Calm	SSW 1	9	0	—	☁ a. showers.
8	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	SbyE 4	SEbyS 3	10	10	0.090	☁ a. showers.
9	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	ESE 1	NNE 1	10	0	0.030	☁ a. showers.
10	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	NEbyN 1	NNE 1	7	10	—	☁ a. showers.
11	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	NNE 2	NbyE 1	8	0	—	☁ a. showers.
12	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	NE 1	EbyN 1	10	5	—	☁ a. showers.
13	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	SE 2	Calm	0	10	0.350	☁ a. showers.
14	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	N 2	Calm	0	9	—	☁ a. showers.
15	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	WbyS 1	WSW 1	9	10	0.135	☁ a. showers.
16	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	SW 1	Calm	0	10	0.280	☁ a. showers.
17	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	WSW 1	WSW 1	10	10	0.120	☁ a. showers.
18	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	Calm	Calm	0	10	—	☁ a. showers.
19	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	Calm	EbyN 1	10	0	—	☁ a. showers.
20	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	NE 1	E 1	0	2	—	☁ a. showers.
21	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	Calm	WSW 1	10	0	0.030	☁ a. showers.
22	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	Calm	Calm	0	6	—	☁ a. showers.
23	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	NNW 2	Calm	0	10	0.410	☁ a. showers.
24	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	EbyN 2	EbyS 3	10	10	0.210	☁ a. showers.
25	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	EbyN 4	NNE 2	10	10	0.035	☁ a. showers.
26	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	NEbyN 1	Calm	0	10	—	☁ a. showers.
27	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	NbyE 1	N 2	9	10	—	☁ a. showers.
28	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	Calm	NNW 2	4	0	—	☁ a. showers.
29	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	NNW 2	NbyW 2	10	6	—	☁ a. showers.
30	29.50	29.48	43.4	48.0	39.3	51.3	0.7	2.1	2.66	2.83	95	85	Calm	WSW 1	8	10	0.110	☁ a. showers.
Mean	29.430	29.426	43.2	44.2	40.2	47.9	1.2	1.6	2.58	2.62	90.0	87.6	1.6	1.5	8.6	6.5	5.045	

HILLINGTON.—NOVEMBER 1898.

Height above Mean Sea Level, 88 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 33' E. Lat. 52° 48' N. Gravity Correction, +.021 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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	29.85	29.88	36.0	40.1	30.2	53.4	0.3	0.5	.205	.237	97	96	SW 0.5	SW 0.5	0	0	.010	Very fine and sunny.
2	.69	.44	50.0	56.5	39.0	57.5	1.4	1.4	.324	.415	90	91	S 6	SW 6	10	10	.490	Overcast, with $\frac{1}{2}$. \bullet 10a.-4p.
3	.46	.63	52.0	46.0	45.0	68.4	0.2	2.4	.382	.255	99	83	NW 2	SW 4	10	3	.030	\bullet till 10a. Fine and sunny.
4	.74	.69	42.2	46.7	38.1	53.9	1.6	1.2	.235	.290	88	92	SW 3	SW 3	3	3	.080	Very fine and sunny.
5	.62	29.73	47.1	45.3	41.9	50.4	0.4	0.5	.313	.292	97	96	SW 2	SW 0.5	10	0	.100	\bullet early a. and 9a.-3p.
6	29.98	30.03	37.2	42.7	33.1	53.4	0.3	0.7	.216	.259	97	94	S 1	S 1	10	0	.010	\bullet early a. Fine and sunny.
7	30.00	29.84	49.1	46.9	41.9	53.3	1.2	1.8	.318	.278	91	88	S 1	S 2	10	0	—	Overcast, then fine and sunny. Much
8	29.89	30.02	45.0	39.8	39.8	55.4	1.2	0.1	.271	.243	91	99	S 0.5	S 0.5	3	0	.010	Much cir. Fine and sunny. [cir.
9	30.12	30.06	45.1	49.9	35.1	56.9	0.0	0.3	.301	.352	100	98	ESE 2	ESE 1	4	10	.040	\bullet a. Very fine and sunny. $\frac{D}{D}$
10	.02	29.96	48.7	47.9	46.9	56.2	0.0	0.0	.344	.334	100	100	ESE 0.5	ESE 2	10	10	.010	\bullet a. Mild and damp a. [p. \bullet 2 p.
11	30.00	.88	49.6	48.7	47.0	56.5	0.0	0.0	.356	.344	100	100	E 1	ESE 1	10	0	.010	\bullet a. Very fine and sunny.
12	29.74	.55	50.0	50.0	45.8	54.7	0.3	0.1	.353	.358	98	99	SE 2	ESE 0.5	10	10	.060	Fine and sunny.
13	29.70	29.97	48.2	48.8	46.0	52.4	0.2	0.1	.333	.343	99	99	NW 0.5	SW 1	10	10	.010	\bullet early a. Overcast all day.
14	30.16	30.20	45.1	39.6	39.1	52.3	0.3	0.1	.293	.241	97	99	SW 2	SW 1	10	10	—	Overcast, then fine and sunny.
15	.20	.14	46.5	50.1	39.1	52.6	0.5	0.2	.304	.357	97	98	SW 0.5	SW 0.5	10	10	.020	Overcast and damp all day.
16	.12	.14	49.5	51.8	48.8	53.2	0.0	0.2	.355	.379	100	98	SW 0.5	SW 0.5	10	10	—	Overcast and damp all day.
17	.19	.25	51.6	51.0	49.2	54.4	0.2	0.1	.377	.371	99	99	NW 1	NE 1	10	10	.010	Overcast and damp all day.
18	.24	.26	47.0	42.6	39.1	50.4	0.5	1.1	.309	.249	97	91	E 0.5	E 2	10	0	—	Overcast, then fine and sunny.
19	.20	.08	45.9	37.0	36.5	50.3	2.0	0.3	.263	.214	86	97	ESE 3	E 0.5	6	0	.010	
20	30.00	30.02	40.7	34.0	34.9	48.0	0.7	0.5	.238	.238	94	96	SW 2	WNW 0.5	10	10	—	
21	29.98	29.89	41.6	40.9	39.0	45.5	0.1	1.1	.261	.232	99	91	W 2	NNW 1	10	9	.130	Overcast, damp, and raw.
22	.94	.86	37.9	31.4	30.2	43.2	1.2	0.6	.204	.162	90	92	N 3	N 1	9	4	.040	\times (sleet) 9a. \times 3p.
23	29.33	29.07	34.8	38.6	27.1	44.5	2.0	2.0	.165	.196	80	84	S 2	S 4	10	10	.100	\times a. \bullet from 10a.
24	28.97	28.78	40.0	43.6	38.0	43.6	2.3	0.9	.201	.263	82	95	ESE 5	SE 1	10	10	.020	Overcast all day.
25	.75	.89	44.9	43.6	41.1	49.5	0.8	0.9	.279	.263	94	93	SE 1	SE 0.5	4	2	.230	\bullet 2 p. and 3p.
26	.91	28.85	43.8	43.5	39.8	44.4	0.2	0.7	.281	.267	99	94	SE 1	N 2	10	10	.960	\bullet nearly all day.
27	28.98	29.18	39.9	38.3	38.0	43.6	1.3	0.6	.219	.219	90	95	NW 3	N 2	5	5	.020	
28	29.27	.30	39.9	37.3	32.1	43.2	1.0	1.5	.225	.193	92	87	NE 0.5	NE 3	9	10	.080	Overcast all day.
29	.44	.56	36.2	28.9	28.6	37.3	0.5	0.2	.204	.153	95	97	N 2	W 0.5	7	9	—	\times squall 5.30 a. U
30	29.07	29.62	33.7	42.9	28.6	43.4	0.4	0.3	.185	.269	95	98	SW 1	SW 4	9	10	.020	
Mean	29.738	29.725	44.0	43.7	38.6	50.6	0.7	0.7	.277	.296	94.4	94.6	1.7	1.6	8.3	6.5	2.500	

ST. DAVID'S, PEMBROKE.—NOVEMBER 1898.

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.		Air Temperature.				Humidity.					Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	51.1	54.3	46.2	56.0	0.5	2.3	267	357	72	84	WSW 3	SSW 6	5	6	ins.
2	29.71	29.66	51.1	54.3	46.2	56.0	0.5	2.3	267	357	72	84	WSW 3	SSW 6	5	6	250
3	35	34	55.6	56.6	53.9	58.0	0.2	0.0	437	459	99	100	SW 8	SW 7	10	10	095
4	49	65	49.6	48.5	48.4	57.7	2.8	4.8	287	233	82	68	WNW 4	WNW 5	5	5	015
5	66	59	51.5	50.5	48.2	54.2	4.7	1.8	267	322	71	88	W 4	WSW 4	6	10	716
6	69	49.5	51.3	48.5	54.2	0.5	2.4	341	318	96	83	W 4	NW 2	10	3	100	
7	81	77	52.0	52.5	46.1	56.5	2.5	2.9	323	319	83	81	SSW 4	SW 4	4	0	020
8	61	49	52.7	51.0	50.2	55.2	2.2	0.5	339	361	86	97	SSE 6	SE 6	8	10	042
9	66	76	49.5	51.5	47.1	54.7	1.6	0.7	314	362	89	95	Calm 0	ESE 4	9	8	010
10	76	74	50.1	47.5	47.0	54.2	1.3	0.5	328	316	91	96	ESE 3	SE 3	6	3	003
11	70	62	50.8	51.7	47.1	56.9	1.5	0.3	333	376	89	98	ESE 5	SE 6	8	10	—
12	46	38	54.5	46.0	43.9	55.4	0.7	2.5	405	255	96	83	SSE 4	W 1	10	3	1.465
13	65	29.90	48.0	48.1	41.1	50.4	0.5	0.5	322	324	97	96	NNE 8	NNE 2	10	7	055
14	29.99	30.04	51.0	50.5	46.1	53.2	2.5	1.0	311	342	83	93	SW 3	SW 3	7	10	155
15	30.01	29.98	53.1	51.5	50.0	54.2	0.0	0.0	405	381	100	100	SW 4	WSW 1	10	10	045
16	00	30.02	54.5	54.0	50.4	56.8	0.2	1.5	420	374	98	90	WSW 2	SW 3	10	10	015
17	06	07	53.3	51.9	51.4	55.4	0.2	1.1	402	357	99	93	SSW 1	SE 2	8	10	004
18	07	30.06	49.0	38.0	37.0	53.2	1.0	0.5	322	218	93	96	SE 3	ESE 3	0	0	—
19	30.02	29.90	40.7	43.9	35.4	44.5	1.2	2.0	229	244	90	85	NE 2	ENE 3	7	10	—
20	29.87	91	46.5	48.3	43.6	51.6	0.8	0.8	298	319	94	95	ESE 2	NW 1	9	030	000 a. Sunny p.
21	29.91	91	46.8	43.4	39.1	49.2	3.7	2.8	237	222	75	79	N 4	NNW 5	8	100	Sunny a. ☉ showers 2p. ▲ 8p.-11p.
22	30.01	29.62	40.4	41.4	37.2	44.2	5.8	3.7	147	190	59	73	ENE 4	NNE 6	5	10	1.305
23	28.76	28.56	43.3	42.9	38.8	49.2	0.0	0.2	339	271	100	99	WSW 5	SSW 2	10	8	460
24	53	49	40.3	40.4	38.1	49.5	0.7	0.8	236	235	95	94	E 3	ENE 4	10	6	154
25	41	56	42.5	45.3	40.4	48.2	0.6	0.8	259	284	95	94	ENE 2	ESE 2	6	5	072
26	84	28.96	44.5	45.7	38.6	50.2	0.8	1.6	275	270	94	89	NE 2	NNW 5	9	10	420
27	28.93	29.07	43.3	40.2	39.1	46.9	1.1	2.3	256	203	92	82	NW 3	NE 4	9	6	010
28	29.25	37	41.4	36.4	34.0	44.2	3.9	0.9	187	199	72	93	NNE 4	NNW 4	3	5	360
29	45	46	39.5	43.5	35.1	44.7	3.8	0.7	172	267	71	94	NNW 4	W 2	8	10	070
30	29.62	29.66	46.0	50.5	42.8	51.4	2.5	1.9	255	319	83	87	W 3	W 3	9	7	155
Mean	29.566	29.569	48.2	47.6	43.8	52.2	1.8	1.4	302	301	87.9	89.9	3.6	3.5	7.4	7.0	6.126

WOOLACOMBE.—NOVEMBER 1898.

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	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
2	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
3	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
4	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
5	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
6	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
7	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
8	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
9	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
10	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
11	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
12	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
13	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
14	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
15	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
16	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
17	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
18	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
19	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
20	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
21	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
22	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
23	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
24	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
25	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
26	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
27	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
28	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
29	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
30	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.
Mean	29.90	29.92	49.4	50.6	43.8	56.4	2.9	3.2	281	288	81	78	NE 2	S 1	3	10	1.140	2.30 p.

SOUTHAMPTON.—NOVEMBER 1898.

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.		Air Temperature.				Humidity.			Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
							Dep. of Wet.	Vapour Tension.									
	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.	38°6	46°4	33°8	58°4	0°2	0°14	in.	%	%			ins.			
2	29°94	29°98	38°6	46°4	33°8	58°4	0°2	0°14	230	282	98	90	Calm 0	SW 0°5	2	0	
3	29°84	29°68	55°9	57°1	45°2	57°7	3°8	0°1	344	464	77	99	SW 5°5	SW 6°5	10	10	
4	29°65	29°80	57°8	47°4	47°2	59°3	0°5	1°6	463	288	96	89	SW 5°	W 1°	10	10	
5	29°90	29°83	44°7	49°1	37°8	57°7	1°5	2°2	262	295	89	84	W 1°5	SW 2°	0	10	
6	29°74	29°87	50°4	46°3	45°9	59°6	1°3	0°7	333	297	91	95	W 1°5	Calm 0	9	0	
7	30°06	30°05	36°7	49°8	35°1	57°2	0°2	0°9	214	335	99	93	W 0°5	SE 1°5	10	0	
8	29°96	29°83	50°8	49°9	40°1	54°5	1°4	2°8	336	289	90	82	SE 3°	SE 2°5	4	10	
9	29°90	29°99	52°8	50°9	48°9	56°7	1°9	1°9	348	324	87	87	SE 3°	E 1°5	10	10	
10	29°07	30°04	48°0	49°3	45°2	60°1	0°1	0°4	332	341	97	97	ENE 1°	NE 1°	10	0	
11	29°97	29°94	50°8	46°9	46°9	56°5	0°1	0°3	369	314	99	98	E 2°	E 1°	10	0	
12	29°95	29°87	49°8	50°8	44°2	53°4	0°2	0°4	353	361	98	97	E 2°	E 2°	10	10	
13	29°69	29°55	54°0	54°7	50°5	58°3	0°3	0°5	400	413	98	96	SE 3°	SW 2°	10	10	
14	29°79	30°07	44°1	42°2	41°0	57°9	0°1	0°2	287	265	99	98	N 1°	E 1°	0	0	
15	30°23	29°26	37°7	45°1	33°7	57°0	0°2	0°8	222	281	99	93	E 0°5	SW 0°5	5	0	
16	29°25	29°40	44°8	52°4	41°0	53°4	0°3	0°7	291	374	98	95	Calm 0	SW 2°	10	10	
17	29°19	29°20	53°2	53°9	51°9	56°5	0°3	0°8	397	393	98	95	W 0°5	Calm 0	10	10	
18	29°22	29°23	52°3	52°5	51°6	56°0	0°4	1°3	381	359	97	90	NE 0°1	E 1°5	10	10	
19	29°26	29°21	47°4	43°2	43°0	55°1	2°2	0°8	275	262	84	93	E 1°5	E 2°	9	0	
20	29°14	29°09	45°5	45°0	43°0	49°3	1°6	1°8	265	257	88	86	ENE 2°	E 1°	1	10	
21	30°09	30°07	44°9	48°8	42°9	52°4	1°1	0°9	272	323	92	93	NE 1°	ESE 0°5	10	10	
22	29°98	29°93	48°0	41°9	41°3	50°2	0°4	1°9	325	226	97	86	NE 1°	NNE 4°5	10	10	
23	30°03	29°90	35°9	29°3	29°3	43°2	2°9	0°7	158	140	75	88	N 4°5	NW 0°5	0	0	
24	29°28	28°89	40°2	45°1	27°8	45°7	1°2	1°1	224	274	90	91	SSW 6°	S 7°5	10	10	
25	28°78	28°65	47°5	48°4	43°3	49°2	1°7	1°7	287	298	88	88	SE 4°5	SSE 4°	10	10	
26	28°65	28°82	49°9	44°2	43°8	50°9	3°1	0°9	284	270	80	93	S 5°	SW 1°5	9	10	
27	28°91	29°01	43°2	44°1	42°6	48°3	0°2	0°4	275	280	98	97	NE 0°5	NW 0°5	10	10	
28	29°10	29°21	39°7	37°8	37°4	46°6	0°5	0°4	234	218	96	97	ENE 1°	NE 1°	10	0	
29	29°24	29°37	36°7	33°8	33°0	40°2	1°3	0°8	193	178	89	91	NE 3°5	N 6°	10	10	
30	29°55	29°66	34°8	33°6	33°0	40°1	1°3	0°8	176	176	88	91	NW 3°	NW 0°5	10	10	
31	29°29	29°81	33°0	47°5	29°3	48°2	0°5	0°5	177	316	94	96	W 0°5	W 2°	2	10	
Mean	29°771	29°766	45°6	46°2	41°0	53°0	1°0	1°0	291	296	92°4	92°3	2°1	1°9	7°7	6°4	4°626

LONDONDERRY.—NOVEMBER 1898.

Height above Mean Sea Level, 67 feet. Heights above Ground:—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 7° 19' W. Lat. 55° 0' N. Gravity Correction, +027 in.

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
							Dep. of Wet.		Vapour Tension.		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	—	—	—	—	39.2	52.3	—	—	—	—	—	—	—	—	—	—	.320
2	—	—	—	—	48.3	57.1	—	—	—	—	—	—	—	—	—	—	.110
3	—	—	—	—	44.0	49.2	—	—	—	—	—	—	—	—	—	—	.250
4	—	—	—	—	40.0	49.8	—	—	—	—	—	—	—	—	—	—	.250
5	—	—	—	—	41.0	51.0	—	—	—	—	—	—	—	—	—	—	.090
6	—	—	—	—	39.0	53.0	—	—	—	—	—	—	—	—	—	—	.010
7	—	—	—	—	49.5	54.5	—	—	—	—	—	—	—	—	—	—	—
8	—	—	—	—	39.0	54.3	—	—	—	—	—	—	—	—	—	—	—
9	—	—	—	—	38.5	59.4	—	—	—	—	—	—	—	—	—	—	—
10	—	—	—	—	38.3	52.2	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	37.0	55.0	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	42.6	55.0	—	—	—	—	—	—	—	—	—	—	.340
13	—	—	—	—	35.5	49.0	—	—	—	—	—	—	—	—	—	—	.270
14	—	—	—	—	38.3	47.6	—	—	—	—	—	—	—	—	—	—	.020
15	—	—	—	—	39.7	47.4	—	—	—	—	—	—	—	—	—	—	.300
16	—	—	—	—	45.0	57.0	—	—	—	—	—	—	—	—	—	—	—
17	—	—	—	—	51.0	57.0	—	—	—	—	—	—	—	—	—	—	.020
18	—	—	—	—	47.0	56.0	—	—	—	—	—	—	—	—	—	—	—
19	—	—	—	—	38.0	51.0	—	—	—	—	—	—	—	—	—	—	—
20	—	—	—	—	41.4	47.6	—	—	—	—	—	—	—	—	—	—	.140
21	—	—	—	—	37.4	44.0	—	—	—	—	—	—	—	—	—	—	.030
22	—	—	—	—	31.0	44.2	—	—	—	—	—	—	—	—	—	—	.400
23	—	—	—	—	32.0	41.0	—	—	—	—	—	—	—	—	—	—	.180
24	—	—	—	—	36.0	41.2	—	—	—	—	—	—	—	—	—	—	.810
25	—	—	—	—	38.2	45.0	—	—	—	—	—	—	—	—	—	—	.120
26	—	—	—	—	38.4	45.6	—	—	—	—	—	—	—	—	—	—	—
27	—	—	—	—	31.8	43.2	—	—	—	—	—	—	—	—	—	—	.100
28	—	—	—	—	32.4	40.6	—	—	—	—	—	—	—	—	—	—	.110
29	—	—	—	—	33.7	43.6	—	—	—	—	—	—	—	—	—	—	.500
30	—	—	—	—	34.2	52.0	—	—	—	—	—	—	—	—	—	—	.110
Mean	—	—	—	—	39.2	49.9	—	—	—	—	—	—	—	—	—	—	4.480

ARMAGH.—NOVEMBER 1898.

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.	Air Temperature.	Humidity.	Wind Direction and Force.	Cloud Amount.	Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	
	ins.	ins.	°	°	ins.	ins.	
1	29.55	29.34	44.0	51.9	37.0	52.0	1.3 2.0 .259 .334 90 87 SSW 3 S 4 10 10 .142 Overcast all day.
2	.00	.10	57.0	51.4	51.4	59.1	0.3 0.4 .456 .369 98 97 SSW 6 SW 2 10 10 .315 Overcast all day.
3	.48	.42	47.0	42.1	40.0	51.5	3.6 1.9 .241 .228 75 85 SW 3 SW 4 2 9 .128 < 6p.-7.30p.
4	.44	.38	47.1	45.8	39.8	51.0	2.3 2.0 .270 .264 86 92 SSW 4 SSW 3 10 10 .062
5	.41	.63	47.2	41.8	41.8	53.2	2.0 1.0 .278 .245 86 92 SSW 2 SW 2 8 5 .062
6	.71	.62	46.5	50.3	39.7	53.0	1.0 1.6 .293 .324 89 93 S 3 S 4 8 10 .—
7	.52	.37	52.6	51.8	49.0	53.2	1.0 1.6 .369 .343 93 88 SSE 4 SE 5 10 10 .—
8	.63	.85	48.0	43.7	42.5	54.1	3.2 1.4 .259 .254 78 88 S 2 SE 1 2 10 .—
9	.93	.89	51.5	41.4	41.4	57.0	1.0 0.0 .354 .261 93 100 ESE 2 ESE 0.5 10 10 .010
10	.81	.79	48.2	40.8	40.0	53.2	0.0 0.1 .336 .252 100 100 ENE 0.5 N 0.5 10 10 .006
11	.74	.59	48.0	54.6	39.5	55.3	0.1 0.7 .332 .407 99 95 SSE 1 SSE 3 10 10 .—
12	.32	.45	54.9	43.7	43.0	55.6	2.0 0.0 .375 .285 87 100 SSE 4 NNE 2 8 10 .158
13	.83	.89	46.0	37.4	36.2	49.0	4.5 2.4 .216 .178 70 80 NNE 1 S 1 2 0 .110
14	29.85	.96	42.5	45.8	35.0	48.2	0.3 0.3 .265 .301 98 98 S 3 Calm 0 10 10 .160
15	30.02	.93	43.8	46.0	39.5	48.0	1.3 0.6 .257 .297 90 96 Calm 0 S 1 10 10 .092
16	29.89	29.90	54.0	55.3	44.0	57.2	0.4 1.3 .406 .399 87 91 SSW 3 SSW 3 10 10 .—
17	29.99	30.05	51.0	51.6	49.7	55.4	1.0 1.6 .348 .340 93 89 S 2 SE 1 10 10 .—
18	30.04	30.06	53.0	45.5	45.0	55.0	3.0 1.7 .322 .266 80 88 S 3 S 3 9 0 .—
19	30.07	29.94	44.8	44.6	39.5	48.3	1.0 1.3 .273 .265 92 90 Calm 0 NE 0.5 10 10 .—
20	29.85	29.89	41.8	43.8	41.5	45.0	0.2 .245 .281 92 99 S 1 NW 0.5 10 10 .018
21	29.94	30.08	39.0	31.8	31.7	44.7	0.9 0.9 .220 .159 93 88 WSW 0.5 NW 0.5 0 0 .—
22	30.03	29.33	33.6	33.0	27.5	36.0	1.7 1.0 .158 .167 83 89 S 0.5 SSE 5 4 10 .300
23	28.75	28.77	39.2	38.3	32.0	41.2	0.0 0.0 .240 .231 100 100 NE 1 NNE 3 10 10 .395
24	.81	.71	39.0	38.1	37.0	41.5	0.2 0.0 .234 .229 98 100 NNE 2 NNE 2 10 10 .402
25	28.64	28.78	40.8	44.8	38.0	45.0	0.2 1.0 .250 .273 99 92 N 2 NNE 3 10 10 .010
26	29.03	29.03	42.7	42.0	42.0	45.0	2.0 3.2 .232 .204 85 77 N 3 NW 1 10 10 .—
27	28.97	.37	34.7	31.8	30.2	42.0	0.7 0.8 .188 .160 93 90 SW 1 NNE 1 10 2 .033
28	29.46	.52	35.0	30.9	28.8	38.2	1.1 0.2 .182 .169 89 97 N 2 NNW 1 7 9 .058
29	.39	.47	34.6	35.7	29.6	38.0	0.6 0.7 .189 .196 94 94 SSW 2 WSW 2 10 1 .125
30	29.41	29.47	42.0	50.0	32.5	50.0	0.2 1.4 .263 .324 98 90 SSW 4 WSW 4 10 9 .034
Mean	29.544	29.548	45.0	43.5	38.8	49.2	1.3 1.0 .277 .267 90.3 91.8 2.2 2.1 8.3 8.2 2.558

MARKREE CASTLE.—NOVEMBER 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.				
							Dep. of Wet.		Vapour Tension.	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.						
1	ins.	ins.	°	°	°		in.	in.	%	%					ins.					
1	29.60	29.34	45.0	53.0	32.3	53.6	1.0	1.1	.275	.371	92	92	SE	1	SW	5	8	10	.450	and driving n.
2	.09	.20	56.3	49.0	48.5	58.4	0.7	1.2	.433	.317	95	92	SW	3	SSW	3	10	10	.010	
3	.36	.54	45.3	42.0	40.4	49.8	3.3	1.6	.231	.233	76	88	SSW	4	S	3	5	10	.100	at times. < 6p.-7p. T 10p.
4	.53	.47	49.5	45.8	41.4	52.9	2.8	1.0	.285	.286	81	93	SSW	3	S	2	7	10	.070	
5	.51	.68	48.0	41.4	39.3	54.5	1.9	0.8	.287	.244	87	94	S	1	Calm	0	4	2	.010	Frequent showers.
6	.73	.62	47.8	51.1	34.7	54.3	1.5	1.5	.296	.340	89	90	SSE	2	SSE	3	9	10	—	
7	.48	.32	51.4	50.8	49.2	55.1	2.6	2.8	.314	.301	83	81	SSE	4	S	4	10	10	.060	Overcast all day.
8	.64	.90	46.7	37.7	36.6	52.5	2.1	0.8	.270	.211	85	93	SSW	3	SE	1	1	1	—	Very fine, warm, and sunny.
9	.97	.93	52.8	43.0	33.6	56.8	1.8	0.4	.350	.268	87	97	SSE	1	SE	0.5	10	0	—	in evening.
10	.86	.84	50.6	50.4	36.8	52.3	0.6	0.5	.353	.354	96	96	SSE	0.5	SE	2	10	10	—	2 a. Overcast all day.
11	.76	.56	49.8	53.6	47.2	53.9	0.9	1.3	.335	.375	93	91	SE	1	SSE	4	10	10	.370	Overcast all day.
12	.37	.63	48.9	39.8	39.7	55.2	0.7	0.5	.329	.235	95	96	SW	1	NE	6	10	10	.360	(gale) n.
13	.97	.95	42.2	36.4	32.6	48.5	3.4	2.1	.202	.176	76	82	NE	0.5	S	2	4	5	.160	Fine day.
14	29.91	30.04	44.0	42.2	35.8	47.9	0.6	0.3	.274	.263	95	97	SSE	2	Calm	0	10	10	.040	in evening.
15	30.09	29.95	40.4	46.8	37.8	48.3	0.5	0.4	.241	.301	96	94	Calm	0	SSE	3	9	10	.130	
16	29.95	29.94	53.8	52.2	45.9	57.5	0.4	1.0	.403	.407	97	93	SSW	2	S	2	10	10	.010	
17	30.05	30.08	51.0	51.7	50.3	55.3	0.4	1.7	.364	.339	97	88	SSE	1	SE	2	10	10	—	Overcast all day.
18	.05	.09	52.3	48.6	44.2	54.9	1.8	0.9	.344	.318	88	93	S	3	SE	3	10	9	—	
19	30.12	.02	43.8	44.1	42.3	48.8	1.5	2.1	.253	.243	88	83	SE	1	SSE	0.5	9	10	—	
20	29.95	.02	42.0	42.6	40.5	47.2	1.0	0.9	.245	.253	92	93	Calm	0	Calm	0	9	9	.180	n.
21	30.07	30.20	40.8	35.2	34.7	45.8	1.4	1.0	.225	.186	89	90	NNE	1	Calm	0	6	8	.030	a and frequently during day.
22	30.10	29.27	33.6	36.5	29.0	38.8	1.8	0.5	.156	.206	81	95	Calm	0	SSE	2	8	10	.660	early a. 2 in evening.
23	28.83	28.90	42.8	39.7	36.0	44.8	0.4	2.2	.266	.202	97	82	Calm	0	NNE	5	10	10	.160	
24	.92	.82	40.0	38.3	36.6	41.3	2.2	1.3	.203	.205	82	89	NNE	4	NE	1	10	10	.050	at times in afternoon.
25	28.76	28.89	42.4	45.8	37.7	46.1	1.6	2.4	.237	.255	88	83	NE	2	NE	5	10	10	.030	
26	29.16	29.17	44.2	38.4	36.6	46.5	2.6	1.4	.234	.204	80	88	NNE	3	Calm	0	9	10	.040	
27	.03	.40	35.4	37.8	33.3	44.5	1.0	3.1	.188	.171	91	75	ENE	1	NNE	1	4	4	.010	Fine day.
28	.58	.63	36.6	35.0	33.7	40.8	1.9	0.8	.182	.188	84	92	N	4	ENE	1	9	10	.060	early a. * (sleet) in after-
29	.45	.60	37.5	42.0	33.6	44.7	0.6	2.3	.213	.220	95	83	S	2	N	0.5	10	9	.550	p.
30	29.52	29.62	49.8	51.3	36.7	51.5	0.4	2.5	.347	.315	97	83	SW	3	SW	4	10	10	.050	early a.
Mean	29.614	29.620	45.5	44.2	38.6	50.1	1.4	1.4	.278	.266	89.1	89.5	1.8		2.2		8.4	8.6	3.592	

DUBLIN (PHENIX PARK).—NOVEMBER 1898.

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° 68	29° 53	46° 4	53° 9	39° 1	54° 3	3° 0	3° 0	*248	*334	80	80	SW	1	SW	3	8	9	*070	Cloudy day. ● showers from	
2	° 18	° 21	58° 6	55° 4	51° 9	61° 0	2° 0	0° 7	*431	*419	88	96	SW	3	W	2	10	9	*095	Dull with ● all day. [5.30p.	
3	° 44	° 59	47° 6	42° 8	41° 9	56° 1	3° 3	2° 6	*254	*221	77	80	SW	2	SW	1	4	0	*110	● showers 10a.-3p.	
4	° 60	° 53	46° 1	47° 6	41° 2	52° 2	1° 9	2° 0	*268	*282	86	86	SW	2	SW	1	7	9	*025	Cloudy day. ● 8p.-11p.	
5	° 51	° 72	46° 2	42° 9	40° 7	54° 1	0° 9	0° 4	*292	*267	94	97	W	1	Calm	0	4	0	*015	● 2 4.30.	
6	° 81	° 73	45° 1	52° 8	55° 8	55° 8	0° 4	4° 3	*291	*291	97	73	Calm	0	SW	1	8	4	—	—	
7	° 59	° 48	54° 1	52° 4	48° 3	55° 8	4° 5	1° 1	*300	*363	72	92	S	2	SE	1	8	9	*030	Dull day. ● 5.30p.-8.30p.	
8	° 71	° 88	44° 3	50° 5	40° 4	54° 1	2° 4	2° 3	*239	*309	81	84	Calm	0	Calm	0	5	9	—	Cloudy day.	
9	° 98	° 93	53° 6	45° 0	40° 2	56° 5	1° 9	0° 2	*358	*294	87	98	Calm	0	Calm	0	7	0	—	Cloudy day. ~~~ p.	
10	° 85	° 83	46° 2	45° 0	39° 9	56° 7	0° 3	0° 2	*307	*248	98	98	Calm	0	Calm	0	4	0	—	~~~ till 9.30a. ~~~ p.	
11	° 79	° 64	52° 0	51° 4	37° 7	56° 1	1° 7	1° 2	*343	*348	88	91	Calm	0	Calm	0	6	0	—	~~~ till 10a. Cloudy day.	
12	° 42	° 46	56° 7	43° 8	41° 9	59° 7	4° 7	0° 4	*331	*276	71	97	S	2	Calm	0	6	7	*255	Cloudy day. ● mid-day. ● 2	
13	° 88	° 29	59° 9	40° 9	35° 0	34° 7	46° 4	2° 8	0° 8	*200	*188	79	92	NW	1	Calm	0	4	0	—	Cloudy day. [11p.
14	29° 97	30° 02	46° 0	49° 9	29° 4	50° 4	3° 8	1° 3	*229	*326	74	91	SW	1	SW	1	8	10	*080	● noon-3.30p. ● showers 6p.	
15	30° 06	° 00	43° 3	44° 0	42° 1	50° 4	0° 3	0° 6	*273	*274	98	95	Calm	0	Calm	0	8	9	*020	● 2 till 1a. ● 9p.-11p. [-11p.	
16	° 01	° 01	54° 6	54° 8	43° 4	58° 15	1° 5	1° 4	*383	*390	90	91	SW	1	SW	1	7	2	—	—	
17	° 09	° 11	51° 3	37° 6	37° 3	56° 2	1° 9	0° 3	*329	*219	87	98	Calm	0	Calm	0	2	0	—	Bright a. ~~~ p.	
18	° 12	30° 14	45° 7	33° 2	32° 4	55° 5	0° 8	0° 3	*290	*184	95	91	Calm	0	Calm	0	5	9	—	~~~ till 9.30a. ~~~ p.	
19	30° 10	29° 99	30° 3	42° 7	25° 1	47° 5	0° 4	1° 1	*159	*250	94	91	Calm	0	Calm	0	5	9	—	~~~ till 8a.	
20	29° 92	29° 96	38° 2	42° 1	34° 9	47° 3	0° 5	1° 5	*220	*236	96	88	Calm	0	Calm	0	6	8	—	Beautiful day from 10.30a.	
21	30° 05	30° 10	35° 1	33° 2	32° 6	44° 7	0° 7	1° 1	*191	*167	93	88	Calm	0	Calm	0	2	0	—	Beautiful day.	
22	30° 12	29° 48	29° 1	38° 1	25° 9	39° 0	0° 2	2° 1	*155	*189	96	82	NW	1	SSE	2	2	10	*345	Bright a. ● from 7.30p. / from	
23	28° 78	28° 67	44° 6	44° 0	35° 9	46° 8	0° 5	0° 9	*282	*267	96	93	Calm	0	N	1	3	10	2-445	7 a. a. ● 2 4p.-midnight. [10p.	
24	° 75	° 68	41° 3	44° 3	40° 1	45° 7	1° 1	1° 7	*236	*254	92	87	NE	2	NE	1	10	10	*520	● 2 till 9a. Continuous ● till 2p., then	
25	28° 60	28° 74	45° 1	46° 9	41° 7	47° 2	1° 3	2° 1	*270	*272	90	86	NE	2	Calm	0	9	8	*870	Dull day. < from 7p. [● showers	
26	29° 01	29° 09	45° 2	40° 4	39° 9	47° 8	0° 9	2° 6	*280	*218	93	87	N	2	NW	1	8	8	—	[2° 2° 2° 7a.-8a. Cloudy day.	
27	° 00	° 30	31° 1	37° 6	29° 7	42° 8	0° 6	2° 0	*160	*188	91	83	Calm	0	N	1	5	6	*405	● 10a.-6p.	
28	° 46	° 57	35° 0	31° 3	30° 1	39° 2	1° 7	1° 2	*170	*147	83	83	NW	1	NW	1	2	0	*005	Beautiful day.	
29	° 49	° 55	33° 8	37° 0	26° 9	39° 8	0° 9	0° 6	*176	*208	90	95	Calm	0	W	1	10	2	*115	× 0 8a.-10a.	
30	29° 56	29° 61	42° 0	49° 3	32° 3	50° 2	0° 8	2° 5	*249	*291	94	83	SW	1	W	2	10	8	*100	Drizzling ● till 10p.	
Mean	29° 618	29° 618	44° 3	44° 0	37° 1	50° 9	1° 6	1° 4	*264	*264	88° 3	89° 4	0° 8	0° 8	6° 3	5° 4	5° 500				

PARSONSTOWN.—NOVEMBER 1898.

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.		Air Temperature.					Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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	29.64	29.45	44.6	52.4	36.0	53.0	1.1	1.5	27.0	35.3	92	90	Calm	S	3	7	10	ins.
3	29.20	29.22	58.3	53.9	51.6	59.5	1.6	1.0	43.8	38.7	89	93	SSE	W	1	10	10	0.50
4	29.44	29.55	46.3	43.7	41.9	56.6	2.5	2.2	25.8	23.8	83	83	SW	W	1	3	2	0.164
5	29.60	29.52	47.7	47.5	42.8	50.5	2.1	1.6	28.1	29.0	85	88	W	W	1	10	10	0.063
6	29.51	29.70	47.7	44.3	40.9	53.9	0.6	0.5	31.5	27.9	96	96	W	SE	1	7	3	0.319
7	29.80	29.66	46.9	51.0	40.8	54.9	1.3	1.3	29.0	34.1	91	91	Calm	SE	1	3	5	0.017
8	29.48	29.38	52.8	50.1	49.1	55.2	2.1	2.4	34.3	30.1	86	83	SE	SE	1	10	3	0.015
9	29.66	29.83	43.8	41.0	39.1	53.7	1.6	0.9	25.0	23.7	88	93	Calm	SE	1	0	3	—
10	29.91	29.87	50.1	46.7	40.6	57.9	0.3	0.6	35.5	30.4	98	96	SE	SE	1	7	5	—
11	29.86	29.78	52.6	52.2	43.3	54.5	1.2	1.4	36.4	35.3	92	91	SE	SE	1	10	10	—
12	29.73	29.57	51.7	55.6	44.0	56.3	2.0	1.7	33.2	39.4	87	88	SE	SE	1	2	9	—
13	29.34	29.52	50.6	42.1	39.6	57.5	1.0	1.3	34.2	24.0	93	90	SE	NW	4	10	10	0.154
14	29.92	29.97	38.5	32.8	31.9	47.4	2.6	0.7	18.3	17.2	79	92	NW	SE	1	7	4	0.219
15	29.94	29.99	45.7	49.8	31.1	49.8	1.2	0.5	28.0	34.5	92	96	SSE	NW	1	10	10	0.043
16	29.05	29.06	42.7	48.3	40.9	51.0	0.5	1.2	26.3	30.9	96	92	Calm	SSE	1	10	10	0.326
17	29.99	29.96	54.0	54.6	47.2	58.3	0.8	1.5	39.4	38.3	94	90	Calm	SSE	1	7	7	0.030
18	29.03	29.08	49.5	44.0	42.8	55.3	0.7	0.8	33.6	27.0	95	94	SE	SE	1	6	5	—
19	29.07	29.09	51.1	47.9	41.3	55.2	1.2	1.8	34.5	28.9	91	88	SE	SE	1	9	9	—
20	29.07	29.97	42.1	43.5	40.8	48.1	1.2	1.4	24.2	25.1	90	89	Calm	SE	1	9	10	—
21	29.92	29.97	34.7	43.9	32.1	44.8	0.1	1.0	20.0	26.5	99	92	SE	NW	1	1	10	0.016
22	29.06	29.14	34.7	33.3	31.0	46.5	0.6	0.8	19.0	17.4	94	91	Calm	NW	1	0	0	—
23	29.10	29.38	29.2	38.5	26.8	38.5	0.4	0.7	19.0	21.9	93	94	Calm	SSE	1	3	10	0.737
24	28.77	28.74	43.4	33.5	32.4	52.1	0.5	0.8	27.1	17.5	96	91	Calm	NW	2	10	10	1.389
25	29.78	29.70	36.7	37.3	32.2	38.5	0.7	0.5	20.4	21.3	94	96	NW	NW	2	10	10	0.493
26	28.63	28.73	39.9	44.1	36.4	44.4	0.6	1.1	23.4	26.4	95	91	NW	NW	2	10	10	0.680
27	29.02	29.13	43.9	38.5	33.7	45.4	1.1	1.7	26.3	19.9	91	86	NW	NW	1	10	9	0.165
28	28.94	29.29	38.2	34.7	34.1	40.0	0.8	1.8	21.4	16.6	94	82	SE	NW	1	10	10	0.041
29	29.50	29.59	34.6	33.4	30.5	38.8	1.6	0.6	16.9	17.9	84	93	NW	NW	1	1	9	0.012
30	29.46	29.59	35.4	37.5	32.4	41.8	0.5	1.1	19.8	20.3	96	91	SE	NW	1	9	10	0.200
31	29.56	29.70	45.8	50.2	33.5	50.2	0.3	1.6	30.1	32.2	98	89	W	W	2	10	10	0.042
Mean	29.599	29.601	44.4	44.2	38.0	50.3	1.1	1.2	27.6	27.1	91.7	90.6	0.9	1.3	7.3	7.8	5.175	

DEERNES.—DECEMBER 1898.

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	28.95	28.98	42.0	40.0	36.0	43.8	5.0	2.0	17.4	20.7	66	84	W	SW	2	8	10	0.520	☁ a.
2	28.83	28.99	39.5	38.4	37.2	41.6	0.9	1.4	22.4	20.4	93	88	NNW	NW	5	8	4	0.105	☁ till 6a. Day fine.
3	29.33	29.09	37.7	40.0	35.0	41.8	1.9	1.0	19.0	22.6	83	92	NW	ESE	8	2	10	0.425	☁ from 6p.
4	29.04	29.06	45.7	48.0	39.0	48.3	1.7	0.6	26.8	31.9	88	96	SSW	SSW	3	9	9	0.225	Muggy a. ☁ till 6p.
5	29.17	29.32	47.5	45.2	43.5	49.2	1.5	1.2	29.2	27.3	90	91	SSW	SW	1	9	8	0.040	Fine all day.
6	29.24	29.09	47.0	40.8	40.0	48.6	1.8	2.3	28.0	20.8	87	82	SSW	SSW	5	4	0	—	
7	28.99	28.93	38.6	41.0	38.4	43.5	2.6	0.7	18.5	24.2	79	94	SSW	NW	9	2	10	0.200	Fine till 3p., then ☁ p.
8	29.68	29.36	36.2	40.0	35.0	41.0	4.2	4.5	15.5	16.4	67	66	NNW	SSE	10	9	10	0.080	Fine till 6p., then ☁ p.
9	28.90	29.23	44.0	42.2	39.0	45.8	2.5	1.7	23.4	23.3	81	87	SSW	W	4	3	4	0.480	Fine, but some ☁ showers.
10	28.86	29.63	45.7	43.8	41.5	50.0	2.0	2.8	26.2	22.6	86	78	WSW	W	5	8	1	0.400	☁ a., 73 miles per hour 10a.
11	29.67	29.61	51.0	52.2	41.2	52.5	1.5	2.2	33.6	33.2	90	85	WSW	SW	7	9	10	0.190	☁. Muggy day.
12	29.35	29.83	47.8	41.3	40.0	53.0	0.8	2.7	31.2	20.6	94	80	SSW	WNW	5	10	0	0.160	☁ till noon.
13	29.99	29.72	38.7	45.0	37.0	45.0	2.2	1.3	19.3	26.8	83	90	W	SSW	5	3	10	0.330	Fine all day. Muggy after 6p.
14	29.31	29.33	42.0	41.0	36.0	49.0	0.5	1.6	25.6	22.3	96	87	W	WNW	8	4	2	0.350	☁☁☁☁ (sleet) showers.
15	29.74	29.86	38.4	39.8	36.6	42.8	3.4	1.8	16.9	20.9	73	86	NW	NW	1	10	10	0.380	☁ a. Day fine.
16	29.52	29.70	49.0	42.3	38.5	49.3	0.0	1.2	34.8	24.4	100	91	W	W	5	10	5	0.150	☁ till 11a., then ☁ showers.
17	29.71	29.65	40.1	42.8	39.0	43.6	1.1	1.8	22.5	21.7	91	79	W	S	3	9	10	0.520	☁ showers a.
18	29.32	29.49	39.8	36.2	33.2	46.3	3.2	0.7	18.4	20.1	75	94	W	W	6	1	10	0.560	☁☁☁☁☁ (sleet) showers.
19	29.04	29.83	36.3	37.0	32.0	40.8	2.9	2.2	16.2	17.9	75	81	WNW	NW	8	7	1	0.050	☁☁☁☁☁ (sleet) showers.
20	29.03	29.98	36.3	40.4	32.0	40.5	3.9	0.6	14.6	23.8	68	95	NW	SSW	1	7	10	0.050	☁☁☁☁☁ (sleet) showers till 6p.
21	29.07	29.07	40.6	42.0	37.8	43.0	0.6	0.8	24.0	24.9	95	94	WNW	SW	2	10	10	0.060	☁☁☁☁☁ (sleet) showers.
22	29.91	29.78	41.0	46.0	39.2	46.3	3.0	2.0	19.7	26.5	77	86	SSW	S	6	5	10	—	Fine day.
23	29.64	29.58	45.5	45.0	43.0	47.0	1.5	1.0	27.0	27.5	89	92	SbyE	SSW	6	9	5	0.035	Fine a. ☁ 6p. Cir. in bands.
24	29.69	29.84	42.0	42.4	41.2	45.8	1.7	0.9	23.1	25.2	87	93	SW	SW	3	3	1	0.140	Fine all day. ☁ 9p.
25	29.57	29.35	45.5	47.3	40.5	47.6	0.3	0.5	29.8	31.4	98	97	SSW	S	4	10	9	0.270	☁☁☁☁☁ (sleet) showers.
26	29.14	29.17	45.0	40.3	38.8	48.8	1.9	2.5	25.5	19.9	86	80	WSW	SW	6	2	0	0.060	☁☁☁☁☁ (sleet) showers till 5p.
27	28.67	28.18	43.8	42.8	38.8	45.3	1.1	1.6	26.1	24.0	92	88	SE	S	4	10	10	0.310	☁☁☁☁☁ (sleet) showers.
28	28.79	29.04	42.2	36.3	35.7	44.8	3.2	0.5	20.5	20.4	77	95	NW	W	1	8	4	0.075	Fine but cold.
29	29.11	29.30	37.0	36.5	33.5	38.8	2.8	3.8	16.8	14.7	77	69	NE	N	4	6	8	0.020	* a. Sky inky blue to N. 9a.
30	29.55	29.65	35.5	35.1	31.7	37.1	3.5	4.1	14.5	13.2	69	64	N	SE	2	6	1	—	Dull and overcast.
31	29.28	29.06	40.0	42.3	34.6	44.6	4.0	1.5	17.2	23.8	69	89	SEbyS	SSE	9	4	10	0.270	
Mean	29.369	29.409	44.0	41.7	37.6	45.3	2.2	1.8	22.7	23.0	83.3	86.2	5.2	4.8	6.6	6.5	6.455		

DUNROBIN CASTLE.—DECEMBER 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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	29.32	29.22	42.0	39.0	33.0	51.0	4.0	2.0	.190	.199	72	84	NW	NE	—	—	.650	☉ p.
2	.07	.37	38.0	39.0	35.0	42.0	0.5	2.0	.218	.199	96	84	NE	NW	—	—	.540	Fine and clear a. ☉ p.
3	.58	.29	37.0	39.2	35.5	42.2	1.5	2.2	.191	.197	87	82	NW	W	—	—	.240	Fine and clear a. ☉ p.
4	.31	.33	43.2	46.2	39.2	50.0	1.0	1.0	.257	.290	92	93	NW	E	—	—	.260	Dull, with ☉ a.
5	.41	.53	45.2	45.5	44.3	55.5	0.2	1.7	.297	.266	99	88	E	NE	—	—	—	Clear day.
6	.44	.36	47.0	43.0	40.0	49.0	2.2	3.2	.271	.211	85	77	W	NW	—	—	.160	Clear a.
7	.26	.48	36.5	40.2	35.8	43.0	0.7	2.4	.202	.201	94	81	W	W	—	—	.290	Dull, with ☉ p.
8	.93	.50	31.8	41.8	31.2	42.0	1.6	4.6	.143	.178	79	68	N	SW	—	—	.040	Dull, with ☉ showers p.
9	.13	.51	40.8	46.0	38.0	46.0	1.3	5.0	.242	.224	78	77	NW	SW	—	—	.480	☉ p.
10	.48	.86	46.2	44.0	41.0	48.0	3.2	3.0	.334	.325	93	75	W	SW	—	—	.310	☉ showers.
11	.93	29.86	50.0	55.0	41.0	55.0	1.0	4.0	.334	.325	93	75	W	SW	—	—	.300	Fine a. Dull p.
12	29.54	30.04	49.2	41.5	41.0	56.2	1.0	2.5	.324	.211	93	81	W	W	—	—	.150	
13	30.20	30.06	35.8	47.0	34.0	48.0	0.8	3.0	.195	.253	93	79	N	W	—	—	—	Fair and mild.
14	29.63	29.66	47.8	43.0	40.0	52.0	0.8	4.0	.312	.197	94	71	W	W	—	—	.480	☉ showers.
15	30.04	.95	39.2	39.0	35.0	48.0	3.2	1.0	.179	.218	75	92	W	W	—	—	.110	Calm day.
16	29.74	.97	52.8	46.0	35.0	54.0	2.0	6.0	.346	.190	87	61	W	W	—	—	.110	Dull day.
17	30.01	.82	41.8	41.8	38.0	46.8	1.8	2.8	.227	.209	86	79	W	W	—	—	.690	Dull day. ☉.
18	29.61	29.77	37.8	36.0	35.0	46.0	2.3	1.0	.184	.193	81	91	W	W	—	—	.280	Dull day.
19	29.78	30.19	34.2	35.5	34.0	38.0	1.0	2.0	.156	.178	89	77	W	W	—	—	.040	☉ showers.
20	30.29	.25	34.0	39.0	33.0	40.0	2.0	1.0	.241	.218	79	92	W	W	—	—	.130	☉ showers.
21	.32	30.27	40.2	40.0	39.0	42.0	0.4	1.0	.214	.226	96	92	W	W	—	—	—	Dull and mild.
22	30.12	29.99	44.8	51.0	35.0	53.0	4.0	6.0	.236	.214	78	63	W	W	—	—	.050	Mild day.
23	29.80	29.83	47.3	47.0	45.0	53.0	3.3	5.0	.256	.214	78	67	W	W	—	—	—	Fresh and mild.
24	.97	30.12	41.8	39.8	38.0	48.0	1.6	1.8	.231	.209	88	86	E	W	—	—	—	Fine, mild, and clear.
25	.75	29.54	46.8	50.2	38.0	53.0	1.8	0.7	.277	.346	87	96	W	W	—	—	.120	Dull and mild.
26	29.32	29.36	43.5	40.0	39.0	51.0	2.3	1.0	.233	.226	82	92	W	W	—	—	.080	Fine and mild.
27	28.66	28.29	42.2	38.0	36.0	45.0	4.0	2.5	.191	.182	72	79	W	W	—	—	.630	Dull, with ☉ showers.
28	29.06	29.27	39.8	39.0	37.0	46.0	1.8	3.0	.209	.181	86	77	E	W	—	—	—	Dull a. Fine p.
29	.29	.58	31.8	35.8	29.0	41.0	1.0	3.6	.156	.146	86	69	W	W	—	—	—	☉ a. Clear day.
30	.79	.74	31.8	31.0	30.0	41.0	1.8	1.0	.139	.148	77	85	W	W	—	—	—	Clear day.
31	29.24	29.25	39.0	37.8	30.0	41.2	3.5	0.8	.173	.210	74	93	W	SE	—	—	.100	Dull day. Thaw.
Mean	29.614	29.654	41.3	41.8	36.6	47.3	1.9	2.6	.226	.215	85.2	80.6	—	—	—	—	6.240	

LAUDALE.—DECEMBER 1898.

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° Fah.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		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.	47°	52°	42°	54°	0°	0°	in.	in.	%	%	W	3	W	8	10	10	ins.
2	29°42	29°17	47°0	52°2	42°8	54°0	0°8	0°8	3093	3069	94	95	W	3	W	8	10	10	2° gale) a. all day. at night.
3	29°00	29°17	46°5	52°8	41°5	53°2	1°5	2°8	281	217	90	79	W	2	NW	3	7	9	2° (gale) n. Sudden
4	29°57	29°17	46°7	53°0	37°4	53°5	0°1	0°1	221	374	94	93	N	1	W	5	10	10	1°240
5	29°33	29°17	46°4	54°0	54°7	55°0	1°8	0°7	366	408	87	95	W	5	W	6	10	10	1°470
6	29°44	29°17	53°1	52°7	47°7	55°5	1°7	0°7	339	378	83	95	W	2	SW	1	10	10	2° most of day.
7	29°33	29°17	45°0	41°0	38°7	46°0	2°2	4°1	330	197	85	71	SSW	4	NW	5	10	7	2° (gale) a. all day.
8	29°22	29°17	45°0	41°0	38°7	46°0	2°2	4°1	330	197	85	71	SSW	4	NW	5	10	7	2° most of day.
9	29°25	29°17	45°0	41°0	38°7	46°0	2°2	4°1	330	197	85	71	SSW	4	NW	5	10	7	2° (gale) a. all day.
10	29°57	29°17	45°0	41°0	38°7	46°0	2°2	4°1	330	197	85	71	SSW	4	NW	5	10	7	2° (gale) a. all day.
11	30°06	30°05	45°0	41°0	38°7	46°0	2°2	4°1	330	197	85	71	SSW	4	NW	5	10	7	2° (gale) a. all day.
12	30°06	30°05	45°0	41°0	38°7	46°0	2°2	4°1	330	197	85	71	SSW	4	NW	5	10	7	2° (gale) a. all day.
13	30°06	30°05	45°0	41°0	38°7	46°0	2°2	4°1	330	197	85	71	SSW	4	NW	5	10	7	2° (gale) a. all day.
14	30°06	30°05	45°0	41°0	38°7	46°0	2°2	4°1	330	197	85	71	SSW	4	NW	5	10	7	2° (gale) a. all day.
15	30°06	30°05	45°0	41°0	38°7	46°0	2°2	4°1	330	197	85	71	SSW	4	NW	5	10	7	2° (gale) a. all day.
16	30°06	30°05	45°0	41°0	38°7	46°0	2°2	4°1	330	197	85	71	SSW	4	NW	5	10	7	2° (gale) a. all day.
17	30°06	30°05	45°0	41°0	38°7	46°0	2°2	4°1	330	197	85	71	SSW	4	NW	5	10	7	2° (gale) a. all day.
18	30°06	30°05	45°0	41°0	38°7	46°0	2°2	4°1	330	197	85	71	SSW	4	NW	5	10	7	2° (gale) a. all day.
19	30°06	30°05	45°0	41°0	38°7	46°0	2°2	4°1	330	197	85	71	SSW	4	NW	5	10	7	2° (gale) a. all day.
20	30°06	30°05	45°0	41°0	38°7	46°0	2°2	4°1	330	197	85	71	SSW	4	NW	5	10	7	2° (gale) a. all day.
21	30°06	30°05	45°0	41°0	38°7	46°0	2°2	4°1	330	197	85	71	SSW	4	NW	5	10	7	2° (gale) a. all day.
22	30°19	30°04	46°8	49°0	40°0	49°0	3°8	3°0	235	276	74	79	S	2	S	4	10	10	1°10
23	29°52	29°88	49°1	47°0	45°0	49°7	2°2	1°7	295	282	84	88	S	4	W	4	10	10	1°30
24	30°01	30°08	45°0	44°3	42°7	47°7	1°0	2°3	275	241	92	82	Cal	0	W	2	10	10	1°730
25	29°84	29°66	51°7	54°0	43°6	55°3	1°8	2°0	337	360	87	86	W	2	W	5	10	10	1°440
26	29°53	29°49	45°7	45°0	40°2	44°0	1°1	2°3	273	247	91	83	W	6	WNW	5	10	10	1°860
27	28°71	28°34	46°0	48°0	40°0	49°2	2°5	2°3	255	288	83	84	W	4	NNW	8	10	10	1°730
28	29°20	29°34	43°3	37°3	35°7	48°7	1°4	1°8	250	187	89	85	W	4	NNW	2	9	10	1°280
29	29°18	29°46	37°3	37°3	33°7	48°4	2°0	3°2	182	163	83	74	NE	2	ENE	2	4	3	1°000
30	29°78	29°73	29°7	37°0	27°0	45°3	2°7	3°0	999	165	61	75	E	1	SE	4	0	3	1°420
31	29°17	29°18	39°7	39°6	36°0	42°5	1°7	2°6	210	193	86	79	ESE	7	S	2	10	8	1°200
Mean	29°687	29°708	45°0	45°5	39°7	50°4	1°8	2°0	265	266	86°0	85°4	3°3		3°5	8°6	8°4	14°380	

DUNDEE.—DECEMBER 1898.

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, $+0.30$ in.

1	29°19	29°08	48°1	50°0	43°5	51°8	1°3	1°6	°303	°319	91	89	NW	4	W	6	10	10	°020	● showers from 4p.
2	28°19	°16	44°8	40°6	38°6	51°1	1°9	3°2	°254	°191	86	75	NW	2	W	8	10	10	°060	● showers till 2p. Squally.
3	29°44	°18	37°1	48°4	34°3	48°2	0°8	0°7	°205	°393	93	95	W	1	SW	2	10	10	°170	● from 2p.
4	°25	°30	48°6	52°8	45°3	53°2	1°9	2°2	°297	°341	87	85	SW	8	SW	8	10	10	°030	● showers.
5	°32	°44	53°6	53°4	47°3	56°2	1°5	2°8	°369	°332	90	82	NW	2	W	6	10	10	°180	☼ ● showers 6a.-7p.
6	°41	°34	49°4	43°5	41°6	52°7	2°3	2°4	°295	°231	85	81	SW	6	W	8	10	10	°040	Dull day. ● showers from 2p.
7	°26	°29	41°6	40°8	39°4	43°6	2°0	3°6	°222	°186	85	73	W	6	W	6	5	10	—	
8	°78	°57	34°3	36°2	32°3	41°7	0°5	1°7	°188	°182	95	86	NW	1	NW	1	0	10	°090	Dull from 1p.
9	°11	°46	44°1	44°1	35°3	45°7	4°4	2°9	°258	°190	89	65	W	4	W	6	5	10	°070	● n. ● showers during day.
10	°38	°84	47°8	43°5	40°0	50°5	5°7	2°9	°210	°221	61	78	W	8	W	2	5	5	—	Fine a. ☼ till 4p. ● at night.
11	°89	°92	50°1	51°6	42°1	54°1	1°4	2°2	°326	°325	90	85	W	2	W	2	10	10	°020	Dull day.
12	29°58	°97	49°4	42°8	40°5	53°9	1°5	3°2	°315	°210	90	76	W	8	NW	2	10	5	°010	Dull day. ● showers 2a.-3p.
13	30°12	°96	35°8	44°1	33°6	48°7	0°9	1°5	°195	°256	93	88	NW	1	W	2	5	10	°010	∞
14	29°54	29°58	50°6	41°6	40°5	52°5	1°5	3°2	°330	°200	90	77	SW	8	NW	10	10	7	—	
15	°88	30°00	41°2	37°6	35°5	42°9	4°3	1°6	°177	°194	68	86	NW	4	NW	1	5	5	—	Fine day. ☼ 9p.
16	°75	29°87	48°8	43°8	36°0	54°2	1°0	2°2	°321	°239	93	83	W	8	W	1	10	10	—	
17	°91	°73	42°6	41°6	40°7	44°9	2°0	0°0	°231	°263	85	100	W	2	SE	2	10	10	°150	● from 3.30p.
18	°58	°76	44°8	36°4	35°5	50°9	3°5	1°8	°222	°182	75	84	W	4	W	2	5	5	°030	Fine day. ● at night.
19	29°65	29°97	37°6	35°3	33°7	39°6	1°4	2°5	°198	°158	88	77	W	2	NW	4	5	0	—	7a. Cloudy day.
20	30°19	30°09	34°9	39°1	32°1	42°8	2°8	1°4	°151	°211	74	89	NW	2	SW	1	5	10	°050	✱ 2p.-4p., then ●.
21	°21	°20	37°6	38°2	33°5	42°7	0°5	0°6	°215	°218	66	95	SW	1	NW	1	10	10	—	Dull day. ☼
22	30°11	30°01	43°1	44°6	37°0	44°9	1°5	1°5	°246	°260	88	89	W	2	SW	6	10	10	—	Dull day.
23	29°91	29°82	41°8	43°6	40°5	44°9	1°8	0°6	°227	°248	86	87	SW	3	SW	8	10	10	°020	Dull day.
24	°84	°96	45°2	42°8	40°6	48°0	0°5	0°7	°290	°259	97	95	SW	1	SW	1	10	10	—	Dull day.
25	°78	°60	46°3	51°6	40°4	52°4	1°2	2°0	°285	°330	92	86	SW	1	SW	6	10	10	°040	☼ from 10a., with ● showers.
26	29°35	29°38	49°5	44°5	42°8	53°7	2°9	1°9	°283	°251	80	86	SW	8	W	4	5	10	°180	Cloudy day. ● noon.
27	28°68	28°40	43°6	42°3	41°4	46°8	0°2	1°7	°279	°234	86	87	SW	8	SW	12	10	10	°130	● till 10a. and from 7p. ☼ from 12p.
28	28°93	29°18	43°6	36°6	35°4	43°3	4°5	1°1	°194	°196	68	91	NW	4	NW	2	10	7	—	☼ in past n.
29	29°19	°25	32°3	35°8	29°9	36°7	1°0	1°9	°164	°176	88	84	NE	1	NE	4	10	10	—	Dull day.
30	°62	°71	31°8	27°2	26°2	36°1	2°2	0°6	°131	°129	73	87	NW	2	NW	1	0	0	—	Fine day.
31	29°32	29°12	36°8	36°6	24°8	37°1	2°0	0°3	°181	°211	83	98	SE	10	SE	1	10	10	°080	☼ (gale) till 4p. ✱ ● (sleet) ●
Mean	29°551	29°584	43°1	42°3	37°4	47°3	1°9	1°9	°244	°234	85°8	85°1	4°2	4°1	7°9	8°5	1°380			

GLASGOW.--DECEMBER 1898.

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

Day.	Barometer at 32° Fahr.		Air Temperature.				Humidity.						Wind Direction and Force.				Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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.	°	°	°	°	1.8	1.6	.327	.324	88	89	W	3	W	4	10	10	ins.	
2	29.29	29.13	50.9	50.3	44.5	52.1	1.8	1.6	.327	.324	88	89	W	3	W	3	10	1	.432 Squally (gale) 0.	
3	29.44	29.18	42.0	51.1	39.0	51.2	1.5	2.0	.244	.325	88	86	SW	1	S	3	10	10	.263 Squally (gale) 0.	
4	29.26	29.29	50.9	53.1	47.4	53.4	1.9	2.1	.324	.346	87	85	SW	2	SW	3	10	10	.213 Overcast day.	
5	32	44	53.5	52.7	50.8	56.1	1.0	1.8	.382	.349	93	88	W	2	W	3	10	10	.357 Squally 0.2.	
6	39	36	50.6	42.2	42.2	52.8	2.4	3.2	.308	.205	83	77	SW	2	SW	4	10	10	.238 Overcast day. 0.2. Squally p.	
7	26	39	41.7	41.0	40.9	44.5	2.7	4.0	.209	.180	80	70	SW	3	NW	2	5	0	.059 Dull, with showers.	
8	80	45	33.7	40.2	33.2	41.4	1.7	2.5	.159	.200	82	81	Calm	0	SE	3	0	10	.020 0 showers. Cloudy day.	
9	26	52	44.6	43.9	40.0	47.1	2.5	3.3	.239	.217	81	76	SW	2	SW	1	9	10	.270 0 a. Dull day. 0.2 n.	
10	53	88	47.3	46.7	43.6	52.1	5.3	3.1	.212	.249	65	79	W	3	SW	1	7	10	.342 Dull, with showers. 2p.	
11	95	29.93	51.2	51.9	46.6	54.2	1.5	2.4	.338	.324	90	85	SW	2	SW	2	10	9	.007 Dull day.	
12	29.60	30.01	49.9	43.0	42.6	53.1	1.0	3.0	.333	.215	93	78	SW	4	SW	1	10	5	.060 Dull and overcast.	
13	30.12	30.00	42.9	45.6	39.9	46.1	1.7	1.6	.239	.269	87	88	W	1	SW	1	9	10	.030 0 a. Dull day.	
14	29.68	29.67	49.7	42.3	41.9	51.1	2.3	2.7	.300	.215	85	80	W	2	W	1	5	3	.045 0 a. Dull day.	
15	90	98	41.8	42.0	40.8	45.0	3.5	1.5	.196	.235	75	89	W	1	Calm	0	4	10	.010 0 a. and p. Cloudy day.	
16	80	91	51.0	45.3	41.8	52.1	1.0	3.0	.348	.237	93	78	SW	2	SW	2	10	10	.123 Fine during day.	
17	93	67	44.6	47.3	43.6	47.3	2.4	0.3	.241	.319	82	98	W	1	SW	1	10	10	— Dull day.	
18	68	29.78	43.6	35.4	35.4	50.7	2.5	0.8	.230	.192	81	93	W	3	W	1	9	3	.415 Overcast, with showers.	
19	29.69	30.04	39.3	36.2	34.4	41.1	2.2	3.5	.198	.151	83	71	W	2	W	2	3	0	.123 Cloudy, with showers.	
20	30.20	31	34.9	35.2	33.9	45.7	2.4	3.0	.157	.235	77	78	Calm	0	NW	3	6	4	.010 0 a. Day fine.	
21	21	30.16	41.1	43.4	39.8	45.6	0.8	1.6	.241	.247	93	87	Calm	0	Calm	0	9	10	.100 Fine a. and p.	
22	30.07	29.96	44.2	46.4	42.4	46.8	2.2	2.2	.242	.264	83	84	Calm	0	SW	4	10	10	— Dull and overcast.	
23	29.86	81	44.7	47.4	43.7	47.7	2.3	2.7	.244	.264	83	82	SW	3	SW	3	10	10	.270 Dull and overcast. 2p.	
24	83	95	47.9	45.5	44.1	48.6	0.7	0.4	.315	.295	95	97	W	2	S	1	10	10	.159 Dull day. 0 a. and p.	
25	75	59	49.2	51.5	45.3	52.8	0.9	1.0	.327	.354	94	93	SW	1	SW	3	10	10	.270 Dull and overcast. p.	
26	29.44	29.36	47.2	45.3	43.6	52.8	2.7	3.1	.262	.235	82	77	SW	2	SW	2	8	10	.377 0 a. and p. Dull p.	
27	28.65	28.49	48.3	41.3	41.3	50.4	4.6	1.3	.235	.232	69	90	SW	4	SW	8	5	10	.436 Squally 0.2.	
28	29.02	29.20	42.6	37.3	36.1	46.5	3.9	0.9	.197	.205	73	93	NW	2	SW	1	10	10	.160 0 a. Cloudy day.	
29	28.98	25	36.9	38.2	35.8	39.4	0.9	3.4	.201	.168	92	73	E	2	NE	2	10	1	— Dull during day.	
30	29.62	66	32.1	31.3	30.5	38.5	1.6	1.9	.146	.132	80	75	Calm	0	E	1	5	5	.010 0 (mist) all day. U 11 p.	
31	29.11	29.05	37.1	37.3	30.1	41.4	2.1	1.2	.181	.199	82	90	E	2	E	1	10	9	.143 0 a. and p.	
Mean	29.562	29.596	44.6	43.9	40.5	48.4	2.1	2.2	.254	.244	84.3	83.5	1.8	2.2	8.2	7.7	4.942			

SCARBOROUGH.—DECEMBER 1898.

Height above Mean Sea Level, 219 feet. Heights above Ground:—Bar., -6 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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		Percentage.		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.			9 a.m.		
1	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%	WSW 2	WSW 2	10	9	ins.
2	29.45	29.38	49.8	49.5	35.5	51.0	1.4	1.0	.322	.328	90	94	WSW 2	WSW 2	10	9	—
3	29.44	29.37	52.7	49.5	38.9	54.3	1.3	1.2	.362	.256	91	90	WSW 3	WSW 5	10	4	—
4	29.42	29.35	42.3	47.7	39.4	49.0	1.9	1.2	.230	.302	86	92	WSW 2	S 2	10	7	0.01
5	29.40	29.33	52.1	52.7	47.4	55.2	0.2	0.2	.399	.389	98	98	SSW 2	SSW 2	7	10	—
6	29.38	29.31	56.2	55.3	52.2	58.9	0.4	0.4	.439	.425	98	97	S 5	SSW 6	7	10	0.01
7	29.36	29.29	52.1	49.0	42.7	55.3	0.1	2.4	.386	.288	99	83	SW 5	SSW 5	10	7	0.57
8	29.35	29.28	43.8	42.7	40.0	49.0	1.0	1.0	.263	.252	92	92	SSW 3	SSW 5	10	3	—
9	29.34	29.27	38.1	37.2	35.2	49.0	2.1	1.1	.189	.200	82	90	N 3	Calm	0	5	0.197
10	29.34	29.27	43.0	43.1	35.3	49.0	0.9	2.4	.257	.227	93	81	SW 5	W 4	0	0	0.071
11	29.34	29.27	52.7	47.7	40.0	53.4	2.5	2.0	.331	.283	83	86	SW 6	SW 4	10	8	—
12	29.30	29.24	50.8	50.9	46.4	53.0	2.6	1.8	.305	.327	82	88	SW 4	SW 4	7	7	—
13	29.28	29.21	49.5	54.0	48.1	55.0	1.8	2.8	.308	.340	88	81	SSW 5	SSW 3	10	5	—
14	29.28	29.21	49.0	41.7	35.1	54.3	2.2	1.7	.196	.229	83	87	SW 3	W 2	3	3	0.015
15	29.27	29.20	47.0	46.7	37.4	53.4	1.0	3.7	.298	.237	93	75	SW 6	W 4	9	6	Squally a.
16	29.26	29.19	41.3	47.6	36.3	48.0	2.3	0.7	.214	.313	82	95	NW 3	NW 1	1	2	—
17	29.25	29.18	43.9	51.4	34.9	54.8	0.8	0.4	.269	.369	94	97	SW 5	SW 3	10	7	0.1
18	29.24	29.17	46.1	51.7	46.1	53.1	1.1	0.2	.286	.378	92	99	SW 1	SW 4	10	7	0.031
19	29.23	29.16	51.9	41.8	41.7	53.1	0.9	1.8	.362	.227	94	86	SW 3	Calm	0	9	—
20	29.22	29.15	35.8	35.0	34.6	45.0	0.8	2.6	.194	.154	93	75	S 1	WNW 2	6	7	—
21	29.21	29.14	32.8	32.3	32.0	39.0	1.8	0.2	.149	.178	80	98	NW 1	W 1	8	10	0.246
22	29.20	29.13	39.0	38.1	32.3	48.0	0.2	0.3	.233	.224	98	97	W 1	W 1	10	8	0.016
23	29.19	29.12	40.4	35.0	35.0	42.5	0.4	0.3	.241	.197	97	97	WSW 1	S 1	9	7	—
24	29.18	29.11	33.0	33.2	32.9	36.9	1.0	1.2	.167	.165	89	87	S 1	S 3	8	9	—
25	29.17	29.10	34.6	41.2	31.2	42.7	0.5	0.4	.190	.250	94	97	S 1	SW 1	6	8	0.006
26	29.16	29.09	42.1	43.1	28.1	48.6	0.5	3.4	.257	.208	96	75	SW 1	SW 1	7	8	—
27	29.15	29.08	48.2	45.1	38.1	51.0	0.6	0.3	.322	.294	96	97	SW 2	SW 1	7	9	0.283
28	29.14	29.07	51.6	43.4	43.4	51.6	0.8	3.2	.361	.215	95	76	S 2	S 1	10	6	0.166
29	29.13	29.06	38.0	37.3	36.3	47.0	0.1	0.3	.227	.217	99	97	SW 2	SW 1	10	9	0.146
30	29.12	29.05	37.1	41.0	35.1	41.1	0.1	0.8	.219	.239	99	94	S 1	NE 4	10	10	0.447
31	29.11	29.04	35.7	32.0	32.0	41.7	0.6	0.4	.197	.172	95	95	NW 2	NW 1	6	8	0.121
Mean	29.44	29.37	33.6	35.0	28.0	35.8	1.0	1.1	.172	.182	89	89	SE 1	S 1	10	10	0.169
Mean	29.656	29.676	43.7	43.4	37.8	49.0	1.1	1.3	.269	.260	91.6	89.8	2.7	2.4	7.7	7.2	2.055

CRONKBOURNE.—DECEMBER 1898.

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	29.57	29.43	51.3	52.8	49.4	53.0	1.0	1.2	.352	.366	94	91	WSW 5-6	SW 6	10	10	.082	Squally
2	29.56	29.42	54.0	45.0	43.2	54.2	0.8	1.9	.394	.255	94	86	WSW 6-7	WNW 6	10	4	.043	Squally
3	29.55	29.41	47.2	53.2	44.4	53.2	0.1	0.2	.323	.400	99	99	Calm	SSW 6	10	10	.117	Overcast day.
4	29.54	29.40	53.6	53.2	51.0	54.3	0.6	0.2	.394	.400	96	99	SSW 5	SSW 6	10	10	.153	Overcast day.
5	29.53	29.39	55.0	53.8	52.3	55.4	0.2	0.8	.427	.391	99	94	SW 5-6	SSW 7	10	7	.062	Squally
6	29.52	29.38	53.6	47.0	46.7	53.8	0.6	2.0	.394	.275	96	86	SSW 5-6	WSW 4-5	10	4	.056	Squally
7	29.51	29.37	45.2	46.7	43.8	48.2	1.4	1.7	.269	.279	90	88	WSW 4-5	NW 4-5	8	4	.038	Squally
8	29.50	29.36	34.8	48.0	34.2	48.0	0.6	0.8	.190	.314	94	94	NNW 1	SSE 5	3	10	.302	Squally
9	29.49	29.35	46.7	46.1	44.8	51.4	1.5	1.1	.284	.286	89	92	WSW 5	WSW 3	2	0	.062	Squally
10	29.48	29.34	51.0	52.0	45.8	53.2	2.8	0.2	.304	.383	81	99	W 4-5	SW 3	6	10	.003	Squally
11	29.47	29.33	53.0	52.7	51.2	55.2	1.6	0.6	.358	.381	89	96	WSW 4-5	SW 5	7	10	.132	Squally
12	29.46	29.32	53.0	42.0	41.2	54.3	0.2	0.2	.397	.263	99	98	SW 5	WNW 3	10	2	.023	Squally
13	29.45	29.31	38.0	47.0	38.0	47.0	0.6	1.6	.216	.284	95	89	WNW 1	WSW 2	9	10	.026	Squally
14	29.44	29.30	51.8	46.7	45.0	53.2	0.1	1.7	.383	.279	99	88	W 5-7	WNW 5-6	10	3	.010	Squally
15	29.43	29.29	47.4	43.0	42.0	48.8	1.6	0.4	.288	.268	89	97	S 1	Calm	0	4	.012	Squally
16	29.42	29.28	51.4	52.8	42.6	53.0	0.2	0.6	.374	.383	98	95	WSW 4	W 3	10	10	.029	Squally
17	29.41	29.27	47.8	53.8	46.7	53.8	0.2	0.8	.388	.391	98	94	Calm	SW 2	10	10	.119	Squally
18	29.40	29.26	49.2	42.8	42.8	53.8	1.1	0.6	.322	.261	93	96	WNW 3	W 2	9	10	.003	Squally
19	29.39	29.25	43.0	40.0	38.2	44.5	1.3	2.2	.249	.203	90	82	WNW 4-5	NNW 4	3	6	.098	Squally
20	29.38	29.24	40.3	46.0	35.8	46.0	0.6	0.8	.237	.292	96	94	W 2	NW 5	4	9	.020	Squally
21	29.37	29.23	46.0	45.0	43.0	47.4	0.8	0.4	.292	.289	94	97	WNW 1	SSW 2	9	10	.010	Squally
22	29.36	29.22	47.8	45.0	43.6	47.8	1.8	0.2	.288	.294	94	97	SSW 2	SSW 2	10	10	.010	Squally
23	29.35	29.21	42.7	43.6	40.4	45.2	0.7	0.9	.249	.263	94	93	W 5-6	W 5	10	8	.078	Squally
24	29.34	29.20	50.8	50.2	46.7	51.5	0.3	1.2	.364	.332	98	92	SW 4	SW 3	10	8	.023	Squally
25	29.33	29.19	51.4	52.0	48.6	52.4	0.0	0.6	.380	.372	100	96	SW 3-4	SSW 6	10	10	.023	Squally
26	29.32	29.18	50.2	43.8	43.4	52.4	1.4	1.2	.327	.259	91	91	WSW 4-5	SW 3	8	10	.888	Squally
27	29.31	29.17	42.7	43.6	40.4	45.2	0.7	0.9	.249	.263	94	93	W 5-6	W 5	10	8	.594	Squally
28	29.30	29.16	42.0	42.0	40.2	45.0	0.2	1.2	.263	.241	98	91	E 5	N 4-5	10	8	.150	Squally
29	29.29	29.15	34.8	42.0	30.4	46.0	0.8	1.9	.286	.227	92	86	Calm	SSE 4	1	9	.234	Squally
30	29.28	29.14	45.8	40.2	40.0	47.4	0.2	0.1	.303	.247	98	99	SSE 5-6	SW 3	10	10	.584	Squally
31	29.27	29.13	43.7	43.4	37.8	49.0	1.1	1.3	.269	.260	91.6	89.8			2.7	2.4		
Mean	29.726	29.757	47.6	47.3	43.5	50.7	0.9	0.9	.314	.307	93.7	93.3			3.9	4.2	8.2	7.7

STONYHURST.—DECEMBER 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		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	29.37	29.27	47.8	50.2	47.7	50.4	1.4	1.6	.298	.322	90	89	SW 3	SW by W 6	10	10	.040	Squally ☉ showers p.
2	29.36	29.26	51.5	43.9	43.0	52.5	1.5	3.9	.341	.296	89	72	SW 6	W by S 6	10	9	.260	☉ showers a. Squally ☉ (gale) 2 p.
3	29.38	29.28	42.8	48.5	42.3	50.6	0.3	1.9	.268	.294	98	86	SW by S 1	W by S 3	10	10	.365	☉☉☉ (mist) a. and p. ☐
4	29.35	29.25	51.0	52.2	48.4	53.2	2.0	2.2	.323	.332	86	85	SW 3	SW by S 3	10	10	.075	☉ showers a.
5	29.40	29.30	54.6	53.4	52.2	57.3	0.9	0.8	.401	.385	94	94	S by W 5	SSW 3	10	10	.195	Squally with ☉ a. ☉ showers p.
6	29.41	29.31	52.5	46.9	44.9	59.3	1.5	1.8	.354	.278	89	88	SW by S 2	SW 4	10	6	.475	☉☉☉ showers a.
7	29.43	29.33	43.0	46.0	41.1	48.3	1.1	1.4	.252	.278	90	90	SW by W 1	W by S 5	10	10	.220	☉☉☉ showers a. ☉☉☉ showers p.
8	29.44	29.34	36.0	41.3	34.6	47.3	1.9	1.8	.177	.223	83	86	Caln 0	S by E 3	3	10	.220	Cir. a. Fine and sunny a.
9	29.47	29.37	45.0	44.8	41.1	46.6	1.7	1.9	.260	.254	87	86	WSW 3	WSW 2	10	0	.180	☉☉☉ showers. ☉ a.
10	29.48	29.38	49.5	49.0	43.5	51.3	0.5	0.6	.341	.332	96	96	WSW 6	SW by W 2	10	10	.030	☉☉☉ showers a. Fine p.
11	29.49	29.39	50.0	49.0	49.0	52.3	1.1	1.2	.332	.329	92	92	WSW 3	WSW 3	10	7	.085	Short bright intervals p.
12	29.49	29.39	48.8	43.1	42.9	52.5	1.4	1.5	.310	.246	90	88	SW by S 3	W by S 1	10	0	.050	☉☉☉ showers p.
13	29.51	29.41	35.8	42.4	34.3	44.3	0.4	2.4	.202	.221	97	82	Caln 0	WSW 1	10	10	.340	☉☉☉☉☉ (mist) p.
14	29.52	29.42	45.9	45.7	42.0	50.7	0.3	2.7	.302	.247	98	81	SW by S 2	W 6	10	9	.060	☉☉☉☉☉ a. Squally ☉ (gale).
15	29.53	29.43	42.6	39.0	38.3	46.5	1.6	0.4	.238	.230	87	97	SW by W 4	W by S 1	6	0	.140	Bright and sunny.
16	29.54	29.44	45.3	50.0	38.3	50.6	0.3	0.1	.295	.358	98	99	WSW 2	W by S 3	10	10	.355	☉☉☉☉☉ (mist) a. ☉ all day.
17	29.55	29.45	46.0	50.8	45.9	51.3	0.4	0.4	.301	.361	97	97	Caln 0	SW by W 2	10	10	.170	Dull with ☉☉☉☉☉ (mist).
18	29.56	29.46	46.0	43.0	42.9	51.6	1.2	3.0	.329	.215	92	78	WSW 6	W by N 1	10	10	.117	Squally with ☉☉☉☉☉ showers a.
19	29.57	29.47	40.8	36.0	35.7	43.3	3.2	4.0	.193	.142	76	66	W by S 3	NW by W 2	0	0	.020	Squally with ☉☉☉☉☉ showers.
20	29.58	29.48	35.0	43.2	32.9	43.6	4.0	0.9	.133	.260	65	92	Caln 0	Caln 0	9	10	—	Cir. a. Fine and sunny.
21	29.59	29.49	37.8	40.0	36.3	45.0	0.8	0.6	.210	.234	93	95	S by W 1	SSW 1	10	0	—	☉☉☉☉☉ (mist) a. Fine day.
22	29.60	29.50	41.4	36.3	36.3	42.6	1.4	1.8	.231	.181	89	85	SSW 1	SW by S 2	7	0	—	☉☉☉☉☉ (mist) a. Fine day.
23	29.61	29.51	33.0	34.0	32.6	37.6	2.6	2.0	.136	.156	72	79	S by W 2	SW by W 1	10	9	—	Dull with ☉☉☉☉☉ (mist) a.
24	29.62	29.52	39.0	43.0	34.0	46.3	1.7	1.7	.205	.240	86	86	SSW 3	S 2	10	10	.110	Squally with ☉☉☉☉☉ showers.
25	29.63	29.53	42.6	46.1	40.3	48.8	2.0	1.5	.233	.279	86	90	SW 5	SW by S 1	10	10	.975	Squally ☉☉

CHURCHSTOKE.—DECEMBER 1898.

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.		Air Temperature.					Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet.		Vapour Tension.		Percentage.		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.	°	°	°	°	°	°	in.	in.	%	%	WSW 2	SW 3	9	10	ins.
2	29°30	29°20	48°9	50°3	47°4	51°0	2°5	1°9	285	316	83	87	WSW 2	SW 3	9	10	0°10
3	28°98	29°16	52°7	45°1	45°0	55°1	1°9	2°7	346	240	87	80	WSW 4	W 2	10	9	0°10
4	29°22	29°12	51°9	50°1	43°9	52°0	1°9	0°9	336	339	87	93	W 3	WSW 5	10	6	0°19
5	29°25	29°24	50°4	54°4	49°0	54°6	5°3	1°8	242	371	67	88	WSW 2	SW 6	5	5	0°10
6	29°26	29°31	55°3	54°3	54°0	56°7	1°1	1°1	404	389	92	92	SW 3	SW 3	8	5	0°20
7	29°26	29°24	53°3	46°8	46°2	55°3	1°3	2°7	370	258	91	81	SW 3	SE 2	8	10	0°28
8	29°07	29°22	41°6	44°8	39°5	48°0	0°5	2°0	252	252	96	85	WNW 1	W 2	6	8	0°40
9	29°47	29°28	35°3	44°2	34°9	47°3	1°0	0°9	186	269	91	93	NW 2	SE 2	8	10	—
10	29°05	29°45	44°8	45°0	43°4	48°7	0°9	2°3	276	247	93	83	W 3	W 2	5	2	0°124
11	29°49	29°75	51°3	52°1	44°6	52°4	2°1	1°9	323	339	85	86	W 4	WSW 2	10	10	0°50
12	29°85	29°81	51°9	50°8	50°6	53°3	3°0	0°9	308	348	80	93	W 2	W 2	9	9	—
13	29°54	29°71	51°1	38°8	38°8	55°9	2°3	0°1	316	234	84	99	WSW 3	W 1	8	0	—
14	29°80	29°83	33°1	39°6	31°2	42°6	0°2	1°5	184	214	98	88	W 1	SW 1	8	9	—
15	29°58	29°45	48°1	44°2	39°5	52°2	2°0	1°5	287	256	86	89	SW 3	SW 2	10	0	0°50
16	29°59	29°69	42°7	36°9	36°3	49°9	1°6	0°6	239	207	87	95	W 2	WNW 1	6	0	—
17	29°63	29°64	50°1	51°4	35°2	57°6	1°3	0°8	328	358	91	94	WNW 2	W 1	9	10	—
18	29°51	29°48	51°9	47°1	46°2	54°0	2°7	0°2	317	319	82	98	SW 2	WSW 2	10	9	—
19	29°57	29°72	38°7	33°8	31°9	48°6	1°8	0°9	199	176	85	90	W 2	Calm 0	10	10	0°205
20	29°85	29°83	36°1	39°0	32°9	42°1	1°0	1°2	193	214	91	90	NW 1	NW 2	9	9	0°10
21	29°82	29°82	42°8	41°8	39°0	45°9	0°4	0°5	266	254	97	96	W 2	Calm 0	10	10	—
22	29°81	29°77	34°9	32°4	31°6	43°0	0°6	1°3	190	155	94	84	NE 1	SE 2	5	0	—
23	29°72	29°65	31°3	34°1	29°8	41°0	1°9	1°2	172	172	87	87	E 3	SE 1	9	8	—
24	29°67	29°75	42°8	43°2	34°0	49°1	1°9	1°3	234	250	85	89	SSE 2	SSE 1	9	10	—
25	29°63	29°48	46°8	46°8	41°8	50°1	1°9	1°9	275	275	86	86	SSW 4	SSW 5	9	9	0°12
26	29°36	29°14	52°9	50°9	45°8	55°3	2°4	0°4	336	362	84	91	SW 4	SW 3	8	10	1°200
27	28°75	28°76	45°7	40°0	39°6	52°3	0°9	1°1	286	225	94	98	SW 4	SW 3	10	9	0°240
28	29°00	29°06	38°6	38°6	35°2	42°3	2°8	1°7	182	200	78	86	W 2	W 1	4	8	0°220
29	28°49	28°65	45°8	38°8	36°0	48°1	0°9	0°9	287	218	93	93	SW 1	SE 2	7	10	0°070
30	29°24	29°36	34°4	29°4	28°0	42°3	1°6	1°0	168	135	83	83	W 1	NW 2	0	2	0°090
31	28°88	28°71	39°8	35°7	28°5	45°0	0°9	0°4	226	201	93	97	SE 4	W 1	10	8	0°198
Mean	29°392	29°413	45°1	43°6	39°7	49°9	1°7	1°3	268	261	87°2	89°4	2°4	2°0	7°9	7°1	3°076

ST DAVID'S, PEMBROKE.—DECEMBER 1898.

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	29.74	29.63	50.5	51.4	50.3	52.5	2.0	1.9	317	331	87	W 4	WSW 4	8	9	0.055	showers 3p.
2	29.43	29.58	52.5	49.7	49.6	54.2	0.5	3.2	381	279	96	WSW 7	NW 3	10	10	0.038	Squally 3p. a.
3	29.62	29.49	51.0	52.5	48.4	54.5	1.7	0.0	331	396	88	WSW 5	SW 7	10	10	0.140	WSW 5
4	29.58	29.51	51.8	53.5	51.1	53.8	1.3	0.2	351	405	91	WSW 6	SW 7	7	10	0.100	WSW 6
5	29.61	29.62	54.2	53.8	53.2	54.9	0.3	0.3	412	406	98	SW 6	SSW 6	10	10	0.190	SW 6
6	29.61	29.63	52.4	48.7	48.2	55.2	0.5	2.2	379	291	96	SW 5	WSW 5	10	8	0.130	SW 5
7	29.46	29.66	45.9	47.3	45.2	52.6	2.1	2.4	263	270	86	WNW 6	W 5	8	10	0.008	WNW 6
8	29.82	29.58	44.3	49.3	40.8	50.5	1.6	0.8	256	331	88	WNW 2	SW 6	5	10	0.122	WNW 2
9	29.47	29.82	48.5	49.5	46.1	52.5	4.8	4.0	233	261	68	WNW 5	NW 5	6	3	0.020	WNW 5
10	29.94	30.15	52.9	51.9	49.3	53.2	1.7	0.4	353	376	88	WSW 6	WSW 5	10	10	0.002	WSW 6
11	30.23	30.18	52.5	50.5	49.8	54.4	1.8	1.8	346	322	88	SW 4	SW 6	10	10	0.028	SW 4
12	29.97	29.07	52.5	48.8	48.3	54.2	0.0	2.0	396	297	100	SW 6	WNW 4	10	5	0.020	SW 6
13	30.19	30.22	46.5	46.0	43.5	50.2	3.8	3.5	232	235	74	NNW 2	NNW 3	9	6	0.004	NNW 2
14	29.05	29.93	49.9	48.9	46.0	52.5	0.4	2.4	349	289	98	WSW 3	WNW 4	10	8	0.080	WSW 3
15	29.03	30.09	46.8	43.5	42.1	49.8	2.9	0.7	254	267	80	NW 3	ESE 2	7	3	0.052	NW 3
16	29.05	30.04	51.5	50.7	43.1	52.4	0.0	0.0	381	370	100	WSW 4	Calm 0	10	10	0.070	WSW 4
17	30.02	29.99	52.0	52.1	50.2	53.2	0.0	0.0	388	390	100	SW 4	SW 3	10	10	0.010	SW 4
18	29.93	29.92	50.5	48.5	48.4	53.1	0.0	0.0	368	342	100	WSW 3	WSW 2	4	10	0.178	WSW 3
19	29.99	30.12	41.5	43.1	41.2	50.0	2.5	4.3	211	193	81	NW 3	NNW 4	2	5	0.008	NW 3
20	30.28	30.28	42.4	43.3	40.4	45.4	4.4	2.8	186	222	69	NNW 4	NNW 4	6	1	—	NNW 4
21	29.26	29.19	46.2	45.5	43.0	48.5	2.5	1.7	257	266	83	NNE 2	NNE 2	8	10	—	NNE 2
22	29.12	29.08	46.4	43.7	42.9	48.4	1.7	3.5	275	212	88	SSE 4	SSE 5	2	5	—	SSE 4
23	29.02	29.96	44.5	46.7	43.4	48.2	5.2	2.2	189	268	64	SSW 5	SSE 5	1	9	—	SSW 5
24	30.01	30.07	51.0	50.8	46.4	52.2	3.2	4.5	294	268	79	SSW 4	SSW 4	10	10	0.050	SSW 4
25	29.99	29.87	51.2	51.3	49.6	53.0	0.7	1.8	358	332	96	SSW 5	SW 7	10	1	0.035	SSW 5
26	29.75	29.46	52.5	48.4	48.2	53.7	0.0	0.0	396	340	100	SW 7	SW 3	9	10	2.115	SW 7
27	29.09	29.15	46.0	45.5	45.1	52.5	0.0	4.0	311	220	100	SW 8	WSW 5	10	6	0.070	SW 8
28	29.34	29.44	41.7	44.5	41.3	48.2	2.7	3.8	209	214	80	W 5	WNW 5	8	9	0.262	W 5
29	28.84	29.03	48.5	45.5	44.3	50.6	1.3	1.2	236	277	90	SW 7	NNW 7	8	9	0.260	SW 7
30	29.63	29.64	43.4	44.7	38.8	48.5	2.1	2.2	267	247	83	W 2	NNE 4	9	8	0.252	W 2
31	29.19	29.07	47.5	42.0	41.1	50.2	2.0	1.5	281	235	86	SW 5	WSW 3	5	4	0.494	SW 5
Mean	29.781	29.792	48.7	48.1	45.8	51.7	1.7	1.9	306	295	87.9	4.7	4.3	7.8	7.7	4.793	

WOOLACOMBE.—DECEMBER 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.	
							Dep. of Wet.		Vapour Tension.		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	29.95	29.88	52.2	51.2	50.6	53.0	3.2	1.0	.307	.351	79	93	W 4	W 6	8	9	.080
2	.71	.77	52.8	53.6	51.0	54.0	0.8	2.0	.377	.356	94	86	W 7	W 6	10	7	.100
3	.85	.75	51.6	53.2	51.0	54.2	1.0	1.4	.356	.366	93	91	W 4	W 5	9	10	.060
4	.83	.85	50.2	55.8	49.8	56.8	1.8	1.0	.317	.416	88	93	S 5	S 4	3	10	.010
5	.87	.88	57.6	55.2	54.4	57.6	2.2	0.8	.409	.412	85	95	S 5	S 4	4	10	.360
6	.86	.86	55.4	53.0	50.6	56.4	1.0	2.0	.409	.348	93	86	W 4	W 3	10	10	.650
7	29.66	.85	48.8	50.0	45.4	53.4	2.0	3.9	.295	.267	86	75	W 4	W 6	9	10	.300
8	30.00	29.85	45.4	49.0	45.0	51.0	1.3	2.5	.273	.286	91	83	NW 1	S 3	9	10	.350
9	29.73	30.04	49.6	51.4	48.0	53.2	2.8	4.2	.286	.275	81	73	NW 4	NW 5	5	2	.030
10	30.19	.37	53.8	53.0	51.0	54.4	2.8	1.0	.338	.374	81	93	W 4	W 4	10	10	.010
11	.43	.37	53.8	51.6	51.0	54.2	2.8	3.4	.338	.296	81	77	W 3	W 2	9	10	—
12	.23	.21	53.2	53.4	50.8	54.6	2.4	0.6	.340	.391	84	96	S 3	W 2	10	10	.020
13	.33	.39	48.0	46.2	45.8	52.0	2.1	4.9	.284	.209	85	68	N 1	W 2	6	8	—
14	.27	.09	49.8	53.4	45.2	53.6	1.0	1.0	.331	.379	93	93	W 4	W 3	10	10	.010
15	.20	.27	49.4	46.8	45.8	53.2	3.7	1.9	.264	.274	75	86	NW 2	Calm	0	8	.010
16	.25	.23	52.4	51.2	44.4	52.6	0.8	0.6	.371	.361	94	96	W 2	W 3	10	10	—
17	.23	.20	52.2	52.6	50.2	52.8	0.8	0.4	.369	.385	95	97	SW 1	SW 3	10	10	.030
18	.15	.07	53.0	52.4	51.6	54.0	0.8	0.8	.379	.371	94	94	W 3	SW 4	10	10	.140
19	.15	.26	45.8	46.6	45.0	52.4	4.5	4.7	.213	.217	70	68	NW 2	NW 2	9	4	—
20	.42	.44	44.6	44.0	42.8	47.0	5.1	4.1	.192	.204	65	70	N 2	N 1	7	1	—
21	.41	.36	48.2	46.0	44.0	49.4	3.1	2.7	.264	.249	79	81	NW 1	E 1	9	7	—
22	.34	.29	41.8	38.0	37.4	46.4	1.9	2.9	.225	.175	85	76	SE 2	E 2	2	0	—
23	.33	.20	38.2	30.8	36.2	44.8	4.7	2.5	.148	.196	64	80	SE 3	SE 3	3	6	—
24	.24	.29	47.6	46.6	38.6	50.4	3.3	2.3	.253	.264	77	84	S 3	SE 2	9	10	—
25	.23	30.13	50.6	49.6	43.8	53.4	2.4	1.8	.307	.307	83	88	S 3	S 4	7	2	—
26	30.00	29.75	52.6	54.2	48.8	55.0	0.8	0.8	.374	.397	95	95	S 3	S 5	10	10	.430
27	29.40	.39	48.8	49.6	46.4	56.2	0.8	4.7	.325	.246	94	70	W 6	SW 5	10	10	.200
28	.55	.63	46.0	48.0	42.4	50.2	4.1	5.1	.222	.223	72	67	W 5	SW 4	7	7	.190
29	.06	.16	51.2	49.0	41.2	51.4	1.6	2.7	.335	.280	89	81	W 4	NW 3	6	10	.110
30	.80	.85	42.2	37.8	37.0	50.4	4.5	1.9	.182	.190	69	84	NE 2	W 4	1	2	.170
31	29.41	29.26	50.8	45.4	36.8	51.0	1.8	2.3	.325	.253	87	84	W 4	SW 4	8	9	.460
Mean	29.999	29.998	49.6	49.3	45.9	52.5	2.3	2.3	.304	.301	83.9	84.0	3.2	3.4	7.9	7.6	3.720

PLYMOUTH.—DECEMBER 1898.

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.		Air Temperature.				Humidity.						Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep.of Wet.		Vapour Tension.		Percentage.							
	9 a.m.	9 p.m.	9a.m.	9p.m.	Min.	Max.	9a.m.	9p.m.	9a.m.	9p.m.	9a.m.	9p.m.	9 a.m.	9 p.m.	9a.m.	9p.m.		
1	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
2	29.94	29.89	50.0	51.0	47.9	51.9	1.1	0.6	.332	.358	92	96	W	WSW	9	10	.020	Dull day. ● ⁰
3	74	77	53.0	53.3	47.9	53.6	0.6	0.1	.386	.401	96	98	SW	WSW	10	10	.085	● ⁰ all day.
4	84	75	51.3	54.0	49.1	54.2	0.9	0.1	.354	.415	94	99	SW	SSW	10	10	.120	Overcast nearly all day.
5	86	86	52.8	50.0	50.0	54.8	0.1	0.1	.398	.358	99	99	S	S	10	10	.100	Cloudy and damp.
6	85	88	55.0	55.2	50.0	55.6	0.1	0.6	.430	.419	99	96	S	S	10	10	.440	Overcast day.
7	85	86	54.8	53.0	49.9	55.2	0.3	1.9	.422	.350	98	87	SSW	SW	10	10	.970	Overcast day. ● ²
8	67	87	46.3	46.1	43.0	53.0	0.6	2.3	.300	.260	96	84	SW	NW	9	0	.020	● ² early a.
9	97	29.84	47.2	50.5	43.5	51.9	2.2	1.6	.273	.327	85	89	W	SSW	8	10	.370	
10	29.73	30.08	50.5	48.8	46.5	53.7	2.6	2.0	.302	.297	82	86	WSW	W	7	0	.050	Squally / ● a.
11	30.19	35	53.3	53.1	47.2	54.3	2.8	0.5	.331	.390	81	96	SW	WSW	9	10	.025	Dull all day. ● showers.
12	41	39	54.0	52.2	49.9	54.4	0.5	2.3	.403	.331	97	84	SW	SSW	10	10	.020	Overcast nearly all day.
13	23	18	53.5	52.0	50.9	53.9	1.6	0.3	.364	.380	89	98	SW	WSW	9	10	.070	Overcast and gloomy.
14	25	35	48.3	47.0	46.0	52.1	2.1	3.5	.287	.243	85	76	N	N	4	10	—	Bright a. Cloudy p.
15	27	07	47.7	52.7	44.5	52.9	0.9	0.7	.309	.378	94	95	W	NW	10	10	—	Overcast, very mild and damp.
16	21	23	47.0	42.0	41.0	52.9	2.0	0.0	.275	.267	86	100	N	NE	5	0	.020	
17	22	21	51.0	51.0	39.3	53.0	0.1	0.3	.371	.366	99	98	SW	W	10	10	.020	☁ ga. Overcast and damp.
18	20	17	50.7	52.2	48.1	52.6	0.1	0.3	.368	.382	99	98	SW	SW	10	10	.025	☁ ga. Overcast day. ● ⁰
19	13	06	53.2	51.6	50.2	53.4	0.1	0.3	.402	.374	99	98	SW	SW	10	10	.060	Overcast day. ● ⁰
20	06	22	46.3	43.0	38.8	51.6	1.3	1.5	.283	.245	91	88	N	N	8	5	.010	Fine and bright. Colder.
21	37	40	37.6	38.0	33.8	43.2	0.7	1.1	.212	.206	94	90	NE	N	7	0	—	
22	36	31	40.5	42.0	32.7	48.0	1.0	0.8	.231	.249	92	94	NNW	E	7	4	—	
23	28	26	44.6	44.0	37.0	46.0	2.0	5.4	.250	.182	85	63	SSE	SE	5	0	—	Beautifully fine and sunny.
24	20	18	45.0	45.0	41.8	46.7	6.0	3.0	.181	.233	60	78	SE	SW	4	10	—	Bright and fine.
25	19	23	50.0	50.0	43.3	50.6	2.4	4.4	.300	.257	84	72	S	SE	10	10	—	
26	23	30.14	50.7	51.8	48.4	52.0	2.0	1.6	.320	.343	87	88	S	SSW	9	8	.020	
27	30.01	29.81	52.8	53.6	49.9	53.7	1.2	1.0	.366	.383	91	93	SSW	SW	10	10	.080	Squally. Frequent ● showers.
28	29.38	37	54.0	45.4	43.5	55.9	1.1	1.0	.385	.281	92	93	SSW	W	10	10	.690	(gale) moderating at noon.
29	53	67	42.3	43.5	38.4	46.1	2.9	2.1	.211	.237	79	83	W	W	5	9	.300	● ² showers, Bright intervals. [● ²]
30	09	07	52.0	44.4	41.0	52.0	2.2	0.6	.333	.278	85	95	SW	NNW	10	3	.185	● ² showers.
31	70	88	41.3	36.7	35.5	46.5	2.3	1.3	.213	.193	82	89	NNW	NE	0	3	.340	☁ ga. Day fine and bright.
31	29.41	29.28	50.8	42.7	36.7	51.4	1.3	1.5	.339	.241	91	88	SW	NW	9	7	.145	
Mean	29.976	29.988	49.3	48.3	44.1	51.8	1.5	1.4	.320	.310	89.8	90.0	—	—	8.2	7.4	4.185	

LONDONDERRY.—DECEMBER 1898.

Height above Mean Sea Level, 67 feet. Heights above Ground:—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 1 foot. Long. 7° 19' W. Lat. 55° 0' N. Gravity Correction, +.027 in.

1	—	—	—	—	46.8	52.6	—	—	—	—	—	—	—	—	—	—	350
2	—	—	—	—	39.0	53.2	—	—	—	—	—	—	—	—	—	—	030
3	—	—	—	—	40.0	53.5	—	—	—	—	—	—	—	—	—	—	150
4	—	—	—	—	47.0	55.0	—	—	—	—	—	—	—	—	—	—	780
5	—	—	—	—	49.0	55.0	—	—	—	—	—	—	—	—	—	—	170
6	—	—	—	—	40.0	53.0	—	—	—	—	—	—	—	—	—	—	240
7	—	—	—	—	37.2	48.0	—	—	—	—	—	—	—	—	—	—	020
8	—	—	—	—	32.0	46.7	—	—	—	—	—	—	—	—	—	—	200
9	—	—	—	—	41.8	48.0	—	—	—	—	—	—	—	—	—	—	130
10	—	—	—	—	43.0	53.2	—	—	—	—	—	—	—	—	—	—	010
11	—	—	—	—	50.2	54.1	—	—	—	—	—	—	—	—	—	—	020
12	—	—	—	—	41.0	53.2	—	—	—	—	—	—	—	—	—	—	030
13	—	—	—	—	41.0	48.0	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	44.0	52.0	—	—	—	—	—	—	—	—	—	—	—
15	—	—	—	—	42.6	48.0	—	—	—	—	—	—	—	—	—	—	—
16	—	—	—	—	45.0	53.0	—	—	—	—	—	—	—	—	—	—	090
17	—	—	—	—	43.6	52.2	—	—	—	—	—	—	—	—	—	—	170
18	—	—	—	—	37.8	52.0	—	—	—	—	—	—	—	—	—	—	070
19	—	—	—	—	36.4	44.0	—	—	—	—	—	—	—	—	—	—	020
20	—	—	—	—	34.4	45.6	—	—	—	—	—	—	—	—	—	—	030
21	—	—	—	—	39.0	45.0	—	—	—	—	—	—	—	—	—	—	—
22	—	—	—	—	37.2	47.2	—	—	—	—	—	—	—	—	—	—	—
23	—	—	—	—	43.6	48.3	—	—	—	—	—	—	—	—	—	—	530
24	—	—	—	—	39.0	49.6	—	—	—	—	—	—	—	—	—	—	120
25	—	—	—	—	43.8	54.0	—	—	—	—	—	—	—	—	—	—	110
26	—	—	—	—	42.1	54.0	—	—	—	—	—	—	—	—	—	—	130
27	—	—	—	—	34.0	49.5	—	—	—	—	—	—	—	—	—	—	640
28	—	—	—	—	36.6	42.8	—	—	—	—	—	—	—	—	—	—	190
29	—	—	—	—	36.0	41.5	—	—	—	—	—	—	—	—	—	—	040
30	—	—	—	—	32.0	40.0	—	—	—	—	—	—	—	—	—	—	130
31	—	—	—	—	35.1	47.8	—	—	—	—	—	—	—	—	—	—	060
Mean	—	—	—	—	40.3	49.7	—	—	—	—	—	—	—	—	—	—	4.460

ARMAGH.—DECEMBER 1898.

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.		Air Temperature.				Humidity.				Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
							Dep. of Wet.		Vapour Tension.		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	29.49	29.24	49.0	49.6	47.5	51.0	0.4	0.4	.338	.346	97	97	SSW 4	SSW 7	10	10	120	Overcast all day.
2	07	43	51.0	41.6	41.6	52.7	3.2	2.0	.294	.222	79	85	SW 4	SSW 3	10	9	052	K 10.45 p.
3	37	19	48.9	50.7	40.1	52.0	1.1	2.0	.320	.320	93	87	SSW 3	SSW 5	10	10	372	
4	32	29	49.4	55.0	40.3	55.0	1.0	1.9	.327	.378	93	88	SSW 5	S 4	10	10	037	Overcast all day.
5	33	45	56.0	52.2	51.8	56.5	2.1	1.0	.388	.363	86	93	S 5	S 5	10	9	028	
6	37	43	50.3	41.6	41.0	55.2	2.7	1.8	.297	.226	82	86	SSW 5	SSW 4	10	1	030	
7	32	38	40.6	41.0	38.7	46.0	1.5	1.7	.221	.221	88	86	SSW 3	WSW 2	4	3	008	
8	79	30	37.2	46.0	32.0	46.0	1.9	1.0	.185	.287	83	93	S 1	S 5	10	10	095	a.
9	34	61	43.0	44.8	41.3	48.2	1.2	2.0	.251	.252	90	85	SW 3	SSW 5	6	10	183	
10	29.76	94	49.0	52.0	42.5	52.0	4.0	1.3	.255	.353	73	91	WSW 2	SSW 3	4	10	022	
11	30.04	29.99	52.2	52.8	50.5	52.9	2.5	2.0	.326	.346	83	87	SSW 4	SSW 3	6	10	—	
12	29.70	30.06	53.2	40.0	40.0	54.0	2.0	1.2	.383	.222	95	90	SSW 5	SW 1	10	7	020	
13	30.19	30.06	41.8	44.8	37.5	45.2	2.0	1.0	.225	.273	85	92	SW 1	SSW 3	8	10	030	
14	29.84	29.85	50.0	44.9	44.8	51.2	0.7	2.0	.342	.253	95	86	SW 3	W 3	10	10	—	Overcast all day.
15	30.02	30.00	43.8	43.6	41.7	48.5	1.0	1.9	.264	.243	92	86	WSW 1	S 3	2	10	—	
16	29.90	29.98	50.0	48.6	43.0	52.0	0.4	1.3	.350	.310	97	91	SSW 3	WSW 1	10	10	084	Overcast all day.
17	96	74	44.6	51.4	43.2	52.2	1.2	1.3	.289	.343	98	90	WNW 0.5	SSW 4	10	10	082	Overcast all day.
18	83	29.88	45.5	40.0	40.0	52.7	0.2	0.7	.277	.232	91	94	W 2	SSW 1	10	10	—	Overcast all day.
19	29.89	30.14	38.0	32.7	32.5	45.2	0.3	0.2	.222	.182	97	98	SSW 3	WSW 1	7	5	—	
20	30.28	24	34.0	41.8	29.0	45.0	1.1	1.0	.174	.245	88	92	SW 1	SW 1	7	8	007	a.
21	24	30.15	40.8	41.8	37.2	43.6	0.1	2.8	.252	.209	100	79	SSW 1	S 2	10	10	—	Overcast all day.
22	30.00	29.90	45.4	45.7	40.0	48.0	1.6	0.7	.267	.291	89	95	SSE 3	SSE 4	10	10	—	Overcast all day.
23	29.81	77	45.0	48.0	44.7	48.2	2.2	2.2	.249	.281	84	85	SSE 4	S 5	8	10	206	
24	86	94	45.5	48.0	45.0	49.0	0.5	1.8	.395	.290	100	87	W 1	S 3	10	9	043	
25	74	57	52.3	52.2	43.5	55.3	0.5	1.2	.379	.280	87	95	S 4	S 5	10	10	060	Overcast all day.
26	29.53	29.30	46.6	44.6	42.5	55.0	1.9	0.6	.273	.280	87	95	SSW 4	S 2	9	10	315	
27	28.70	28.86	41.6	41.0	40.0	49.2	2.0	1.7	.222	.221	85	86	SSW 7	SSW 5	10	10	045	Stormy a. Overcast from 9.30 p.
28	29.24	29.27	37.8	38.0	36.7	44.0	0.9	1.0	.210	.208	93	91	SW 3	SSW 3	8	10	330	
29	28.76	27	44.0	36.0	35.8	44.0	0.2	0.9	.283	.195	98	92	E 1	NNW 1	10	5	198	
30	29.63	51	35.4	40.2	30.0	43.5	1.4	1.7	.180	.215	87	87	SSW 1	SSE 4	0	10	140	a.
31	28.97	29.01	41.8	35.7	35.2	48.0	1.0	0.7	.245	.196	92	94	SW 3	S 1	8	5	—	
Mean	29.622	29.643	45.3	44.7	40.3	49.7	1.3	1.4	.277	.270	90.2	89.7	2.9	3.2	8.3	8.7	2.507	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

DUBLIN (PHOENIX PARK).—DECEMBER 1898.

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.		Air Temperature.					Humidity.					Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
								Dep. of Wet.		Vapour Tension.		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.	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	SW 3	10	7	ins.	Dull day. ☉ 9.30a.—noon.
2	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	035	Dull day. Squally till 6p.
3	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	035	☉ showers till 6.30a. Cloudy day.
4	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	040	☉ showers till 6.30a. Cloudy day.
5	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	060	☉ showers till 6.30a. Cloudy day.
6	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	010	☉ showers till 6.30a. Cloudy day.
7	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
8	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	010	☉ showers till 6.30a. Cloudy day.
9	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
10	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
11	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
12	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
13	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
14	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
15	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
16	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
17	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
18	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
19	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
20	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
21	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
22	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
23	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
24	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
25	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
26	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
27	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
28	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
29	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
30	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
31	29° 64	29° 45	49° 6'	49° 9'	47° 5'	52° 4'	1° 7'	2° 6'	313	294	88	83	WSW 2	WSW 1	8	10	015	☉ showers till 6.30a. Cloudy day.
Mean	29° 737	29° 766	46° 2'	45° 0'	40° 4'	51° 0'	2° 0'	2° 2'	236	239	85° 2'	84° 3'	1° 7'	1° 7'	6° 8'	6° 0'	1° 115	☉ showers till 6.30a. Cloudy day.

PARSONSTOWN.—DECEMBER 1898.

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	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
2	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
3	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
4	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
5	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
6	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
7	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
8	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
9	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
10	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
11	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
12	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
13	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
14	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
15	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
16	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
17	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
18	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
19	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
20	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
21	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
22	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
23	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
24	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
25	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
26	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
27	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
28	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
29	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
30	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
31	29.66	29.47	49.8	49.8	48.7	51.0	1.1	1.0	3.28	333	92	93	W 2	SW 3	10	10	ins.	Dull and overcast, with ☉.
Mean	29.729	29.751	45.2	45.1	40.2	50.6	1.3	1.5	2.78	27.2	90.0	89.5	1.0	1.2	8.3	8.3	2.43	

METEOROLOGICAL OBSERVATIONS

AT

STATIONS OF THE SECOND ORDER,

FOR THE YEAR 1898.

PART II.

MONTHLY SUMMARIES

OF

PRESSURE, TEMPERATURE, HUMIDITY,

AMOUNT OF CLOUD, RAINFALL, DAYS OF WEATHER,

AND

OBSERVATIONS OF WIND DIRECTION,

AT THE FOLLOWING STATIONS:—

Scotland N. Ben Nevis.
Deerness.
Dunrobin Castle.
Fort Augustus.
Fort William.
Glencarron.
Lairg.
Strathpeffer Spa.

England N.E. Cockle Park (Morpeth).
Durham.
Ladylaw (Hawick).
Rounton (Yorkshire).
Scarborough.
Seaham.
Tealby (Lincolnshire).
York.

DEERNESS

Long. $2^{\circ} 45' \text{ W.}$ Lat. $58^{\circ} 56' \text{ N.}$ Height above Mean Sea Level, 160 feet. Gravity Correction, + .036 in.

1898.	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.			Tension of Vapour.			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.	43° 3'	43° 3'	43° 3'	39° 5'	46° 5'	33° 2'	22nd	53° 1'	19th	1° 7'	1° 8'	1° 8'	in.	in.	in.	%	%	%	
February	29° 7' 20"	43° 3'	43° 3'	43° 3'	39° 5'	46° 5'	33° 2'	22nd	53° 1'	19th	1° 7'	1° 8'	1° 8'	245	244	245	86° 8'	86° 7'	86° 8'	
March	351	38° 0'	37° 5'	37° 8'	33° 2'	41° 4'	26° 8'	20th	49° 6'	15th	1° 7'	2° 1'	1° 9'	199	186	193	85° 8'	82° 4'	84° 1'	
April	629	39° 4'	38° 9'	39° 2'	35° 0'	43° 0'	31° 0'	1, 5	50° 0'	17th	2° 1'	1° 9'	2° 0'	202	202	202	82° 7'	84° 5'	83° 6'	
May	587	44° 2'	42° 6'	43° 4'	39° 6'	47° 1'	32° 2'	4th	52° 8'	8, 12	2° 0'	1° 6'	1° 8'	250	242	246	85° 2'	87° 8'	86° 5'	
June	609	46° 1'	43° 5'	44° 8'	40° 3'	49° 7'	33° 3'	12th	55° 8'	18th	2° 6'	1° 6'	2° 1'	255	250	253	81° 8'	87° 8'	84° 8'	
July	718	51° 0'	49° 2'	50° 1'	45° 7'	54° 8'	39° 3'	1st	61° 8'	9th	1° 8'	1° 4'	1° 6'	330	317	324	87° 8'	90° 4'	89° 1'	
August	802	53° 4'	51° 2'	52° 3'	47° 6'	57° 2'	43° 0'	30th	65° 6'	22nd	3° 1'	2° 0'	2° 6'	328	328	328	80° 1'	86° 6'	83° 4'	
September	632	54° 7'	52° 7'	53° 7'	49° 3'	58° 2'	43° 7'	31st	65° 0'	14th	2° 7'	1° 5'	2° 1'	358	360	359	83° 0'	90° 0'	86° 5'	
October	720	53° 9'	52° 4'	53° 2'	48° 6'	57° 3'	41° 8'	19th	71° 0'	5th	2° 1'	1° 9'	2° 0'	365	348	357	86° 8'	87° 2'	87° 0'	
November	622	50° 2'	49° 5'	49° 9'	45° 7'	53° 4'	36° 1'	18th	62° 9'	3rd	2° 3'	1° 9'	2° 1'	311	311	311	84° 1'	86° 5'	85° 3'	
December	497	43° 3'	43° 1'	43° 2'	39° 1'	46° 7'	27° 3'	22nd	52° 8'	17th	2° 1'	1° 7'	1° 9'	242	247	245	83° 8'	86° 2'	85° 0'	
December	29° 3' 89"	42° 0'	41° 7'	41° 9'	37° 6'	45° 3'	31° 7'	30th	53° 0'	12th	2° 2'	1° 8'	2° 0'	227	230	229	83° 3'	86° 2'	84° 8'	
Year	29° 6' 06"	46° 6'	45° 5'	46° 1'	41° 8'	50° 1'	—	—	—	—	2° 2'	1° 8'	2° 0'	276	272	274	84° 3'	86° 9'	85° 6'	

LAIRG

Long. $4^{\circ} 24' \text{ W.}$ Lat. $58^{\circ} 2' \text{ N.}$ Height above Mean Sea Level, 387 feet. Gravity Correction, +.033 in.

	ins.													in.	in.	in.	%	%	%
January	29° 53' 1	41° 1	40° 9	41° 0	36° 2	46° 6	22° 6	3rd	56° 6	19th	1° 6	1° 5	1° 6	° 225	° 224	° 225	87	88	88
February	° 183	36° 8	35° 0	35° 9	30° 7	42° 4	22° 5	21st	50° 5	15th	1° 9	1° 2	1° 6	° 183	° 180	° 182	84	88	86
March	° 424	39° 3	35° 5	37° 4	30° 0	46° 0	15° 6	8th	54° 3	17th	1° 4	1° 1	1° 3	° 213	° 187	° 200	89	90	90
April	° 324	46° 9	41° 8	44° 4	37° 7	52° 9	29° 0	5th	65° 5	22nd	3° 0	1° 8	2° 4	° 253	° 227	° 240	80	86	83
May	° 383	49° 2	42° 9	46° 1	36° 4	54° 5	26° 1	14th	62° 5	18, 20	4° 7	1° 9	3° 3	° 243	° 235	° 239	69	85	77
June	° 456	55° 1	50° 1	52° 6	44° 9	62° 8	35° 4	16th	74° 8	28th	3° 8	2° 1	3° 0	° 331	° 308	° 320	76	85	81
July	° 588	57° 1	51° 2	54° 2	45° 9	64° 3	36° 5	25th	74° 8	26th	3° 9	2° 0	3° 0	° 355	° 325	° 340	76	86	81
August	° 387	56° 2	53° 8	55° 0	48° 6	65° 7	41° 0	31st	78° 9	22nd	3° 0	1° 9	2° 5	° 367	° 361	° 364	81	87	84
September	° 479	55° 2	51° 6	53° 4	45° 8	65° 6	33° 5	27th	86° 2	5th	2° 7	1° 9	2° 3	° 360	° 333	° 347	83	87	85
October	° 351	49° 7	45° 6	47° 7	40° 9	56° 3	29° 6	30th	79° 8	3rd	2° 0	1° 2	1° 6	° 307	° 279	° 293	87	91	89
November	° 250	40° 2	37° 9	39° 1	32° 1	46° 5	10° 2	29th	60° 0	18th	1° 3	0° 7	1° 0	° 222	° 213	° 218	90	94	92
December	29° 179	39° 8	38° 7	39° 3	33° 7	44° 4	20° 5	30th	54° 6	26th	1° 1	1° 0	1° 1	° 223	° 216	° 220	92	92	92
Year	29° 378	47° 2	43° 8	45° 5	38° 6	54° 0	—	—	—	—	2° 5	1° 5	2° 0	° 274	° 257	° 266	82° 8	88° 3	85° 6

DUNROBIN CASTLE

Long. 3° 56' W. Lat. 57° 59' N. Height above Mean Sea Level, 12 feet. Gravity Correction, +.034 in.

[illegible]

DEERNESS.

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

1898.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	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.
				ins.	ins.																	
January	7.4	6.7	7.1	3.545	.620	26th	21	0	0	0	1	14	13	1	2	0	2	9	28	15	4	1
February	7.0	6.7	6.9	5.885	.710	26th	25	15	7	1	0	8	16	5	3	0	2	8	12	11	13	2
March	6.6	5.2	5.9	3.595	.590	17th	21	7	2	0	2	9	10	11	11	2	2	6	12	6	7	5
April	7.0	6.6	6.8	2.685	.685	15th	16	2	2	0	1	15	13	4	0	6	24	11	10	3	1	1
May	7.3	6.8	7.1	3.355	.640	31st	15	2	2	1	2	15	6	6	8	4	9	6	6	8	15	0
June	8.4	6.5	7.5	1.215	.385	17th	9	0	0	1	1	11	3	11	9	4	8	9	3	9	5	2
July	8.3	7.8	8.1	2.680	.810	27th	17	0	0	0	0	18	4	8	1	1	1	4	8	18	18	3
August	6.9	6.0	6.5	3.045	.820	27th	15	0	0	4	3	12	4	1	1	3	15	12	8	14	6	2
September	7.5	6.1	6.8	4.115	.660	18th	19	2	1	3	4	15	2	1	1	4	10	13	11	13	5	2
October	6.9	5.3	6.1	3.515	.940	30th	24	0	1	0	2	8	10	1	3	12	17	13	11	3	0	2
November	6.8	5.6	6.2	4.420	.790	23rd	20	5	0	1	2	9	15	5	3	3	5	18	13	7	5	1
December	6.6	6.5	6.6	6.455	.560	18th	28	4	2	0	1	11	19	3	1	0	5	12	15	15	11	0
Year	7.2	6.3	6.8	44.510	—	—	230	37	17	11	19	145	115	57	43	39	100	121	137	122	90	21

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]

GORDON CASTLE.

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

1898.	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.			Tension of Vapour.			Percentage.		
					Min.	Max.	Day.	Min.	Day.	Max.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 29.877	44.3	44.5	44.4	38.4	49.1	30.6	5th	60.0	19th	3.4	3.5	3.5	in. 220	in. 219	in. 220	74	74	74
February	53.1	38.2	37.7	38.0	32.4	42.9	19.5	21st	57.0	15th	2.8	2.8	2.8	178	183	181	77	77	77
March	75.3	41.2	39.1	40.2	33.8	46.2	26.0	5th	60.0	18th	3.4	2.7	3.1	193	187	190	75	79	77
April	67.2	48.3	44.1	46.2	39.3	52.7	30.0	5th	64.0	22nd	4.5	3.1	3.8	237	223	230	70	76	73
May	71.4	49.3	44.9	47.1	39.1	54.6	29.5	10th	69.0	7th	4.7	2.9	3.8	244	234	239	70	79	75
June	80.5	56.2	52.0	54.1	45.5	62.3	36.7	28th	70.0	8, 28	4.8	3.0	3.9	323	310	317	71	80	76
July	91.8	58.4	53.0	55.7	48.6	64.0	41.0	9th	74.3	11th	5.5	3.1	4.3	336	333	335	69	85	77
August	737	59.6	54.8	57.2	50.5	66.0	41.2	9th	80.6	22nd	4.9	3.1	4.0	366	345	356	72	80	76
September	80.8	58.6	54.0	56.3	47.2	65.9	33.5	23rd	82.1	5th	5.0	3.2	4.1	350	329	340	71	79	75
October	68.5	51.7	49.2	50.5	43.0	57.0	37.0	16th	74.4	4th	3.8	3.0	3.4	290	278	284	75	79	77
November	62.0	42.3	43.1	42.7	35.4	49.5	23.0	29th	59.5	2, 19	2.8	2.8	2.8	213	220	217	80	79	80
December	29.528	42.9	42.9	42.9	36.2	47.4	27.0	29th	56.0	11, 26	3.5	3.2	3.4	205	211	208	75	77	76
Year	29.721	49.3	46.6	48.0	40.8	54.8	—	—	—	—	4.1	3.0	3.6	263	256	260	73.3	78.7	76.0

STRATHPEFFER SPA.

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

1898.	ins.	9 a.m.	9 p.m.	Mean.	Means of			Absolute Min. and Max.			Dep. of Wet-Bulb.			Tension of Vapour.			Percentage.		
					Min.	Max.	Day.	Min.	Day.	Max.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	29.683	43.0	42.7	42.9	36.7	47.8	21.0	7th	56.4	19th	1.6	1.3	1.5	in. 248	in. 252	in. 250	88.2	90.0	89.1
February	34.9	38.0	37.2	37.6	32.6	42.6	23.5	21st	54.2	15th	1.6	1.4	1.5	201	198	200	86.6	88.4	87.5
March	57.0	39.8	38.1	39.0	33.5	44.6	25.3	8th	57.0	17th	1.4	1.1	1.3	220	212	216	88.1	90.8	89.5
April	46.3	47.3	43.6	45.5	39.1	51.7	29.3	5th	60.0	22nd	2.2	1.3	1.8	277	256	267	85.1	89.9	87.5
May	53.0	47.6	44.0	45.8	39.1	52.9	32.0	10th	62.8	7th	3.2	1.8	2.5	259	251	255	78.6	86.6	82.6
June	62.0	55.1	51.4	53.3	46.8	60.5	37.4	28th	72.6	28th	3.2	1.8	2.5	350	335	343	80.6	88.3	84.5
July	74.4	57.2	52.5	54.9	47.5	62.7	36.7	21st	70.7	26th	4.1	2.1	3.1	358	342	350	75.8	86.0	80.9
August	55.4	57.1	54.5	55.8	49.1	63.8	39.6	9th	78.3	22nd	3.8	2.5	3.2	363	360	362	77.5	84.3	80.9
September	64.1	55.3	52.8	54.1	47.5	62.5	36.0	25th	80.1	6th	2.9	1.8	2.4	367	361	364	82.7	88.7	85.7
October	49.8	50.0	47.3	48.7	42.3	55.9	33.9	17th	71.0	3rd	2.5	1.5	2.0	306	297	302	84.0	89.8	86.9
November	42.4	40.5	40.3	40.4	35.2	47.2	20.9	29th	58.4	17, 18	1.8	1.3	1.6	221	228	225	85.8	89.3	87.6
December	29.363	41.4	40.8	41.1	34.9	46.5	23.3	31st	55.0	11th	1.8	1.8	1.8	230	221	226	86.5	85.1	85.8
Year	29.537	47.7	45.4	46.6	40.4	53.2	—	—	—	—	2.5	1.6	2.1	283	276	280	83.3	88.1	85.7

GLENCARRON.

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

1898.	ins.	9 a.m.	9 p.m.	Mean.	Means of			Absolute Min. and Max.			Dep. of Wet-Bulb.			Tension of Vapour.			Percentage.		
					Min.	Max.	Day.	Min.	Day.	Max.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	29.450	43.0	42.9	43.0	39.2	46.1	29.0	5th	53.6	19th	1.7	1.7	1.7	in. 240	in. 239	in. 240	86	87	87
February	142	37.1	36.9	37.0	31.9	42.1	23.0	4th	50.4	1st	2.1	1.5	1.8	181	191	186	82	88	85
March	34.6	37.9	37.8	37.9	32.4	43.3	20.9	8th	48.9	18th	1.2	1.7	1.5	205	194	200	90	86	88
April	222	45.9	43.6	44.8	39.2	52.3	28.6	5th	65.8	22nd	3.1	2.4	2.8	242	232	237	79	82	81
May	300	46.9	43.3	45.1	38.3	52.6	29.5	14th	62.0	19th	3.4	2.1	2.8	245	235	240	78	84	81
June	387	54.1	51.3	52.7	46.9	60.9	39.0	1st	67.1	9th	4.4	2.8	3.6	302	308	305	73	81	77
July	529	54.9	52.5	53.7	46.5	60.1	37.6	25th	71.1	9th	4.0	2.9	3.5	325	319	322	75	81	78
August	327	56.9	53.7	55.3	49.0	62.2	39.6	9th	78.1	22nd	4.0	2.0	3.0	351	357	354	75	87	81
September	413	54.4	51.5	53.0	47.3	61.0	34.0	25th	80.6	6th	2.6	1.6	2.1	351	339	345	83	89	86
October	254	49.1	47.4	48.3	43.2	55.6	32.6	29th	74.5	5th	2.5	1.9	2.2	288	282	285	82	87	85
November	185	—	—	—	35.2	46.1	17.6	29th	61.0	12th	—	—	—	—	—	—	—	—	—
December	29.138	41.4	42.3	41.9	36.6	46.7	24.0	31st	53.4	26th	1.4	1.1	1.3	231	246	239	89	92	91
Year	29.308	—	—	—	40.5	52.4	—	—	—	—	—	—	—	—	—	—	—	—	—

GORDON CASTLE.

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

1898.		Amount of Cloud.			Rainfall.		Weather, No. of Days of								Wind, No. of Observations of									
		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	-	6.4	5.7	6.1	ins. 2.160	ins. .630	22nd	15	0	0	0	1	5	0	0	2	0	6	3	47	3	1	0	
February	-	6.9	6.1	6.5	2.810	.560	26th	17	0	0	0	1	9	0	0	2	0	2	3	26	12	11	0	
March	-	6.7	7.0	6.9	2.560	.640	29th	20	0	0	0	0	12	0	0	13	0	11	1	20	3	14	0	
April	-	7.4	6.6	7.0	1.640	.250	16, 30	16	0	0	0	0	12	0	0	1	1	26	9	16	2	5	0	
May	-	7.3	6.7	7.0	2.230	.430	12th	17	0	0	1	3	12	0	3	9	2	7	2	10	5	24	0	
June	-	8.4	8.1	8.3	2.420	.610	1st	16	0	1	2	1	18	0	1	18	0	10	1	16	1	13	0	
July	-	8.3	7.1	7.7	1.660	.450	29th	13	0	0	0	0	17	0	3	5	0	3	0	21	5	25	0	
August	-	7.3	7.1	7.2	2.620	.790	31st	17	0	0	2	0	10	0	1	9	0	8	7	31	5	1	0	
September	-	7.0	6.3	6.7	2.960	.840	2nd	13	0	0	0	1	8	0	0	0	0	10	9	32	3	6	0	
October	-	6.3	4.9	5.6	2.930	1.110	31st	15	0	0	0	5	9	0	0	6	3	27	8	18	0	0	0	
November	-	7.1	6.3	6.7	3.200	.830	13th	15	0	0	0	3	13	0	1	9	1	13	9	23	0	4	0	
December	-	7.1	6.1	6.6	3.380	.750	3rd	20	0	0	0	0	8	0	0	1	0	8	3	37	3	10	0	
Year	-	7.2	6.5	6.9	30.570	—	—	194	0	1	5	15	133	0	9	75	7	131	55	297	42	114	0	

ABERDEEN

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

1898	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.			Tension of Vapour.			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° 9'35	42° 5	43° 1	42° 8	38° 4	47° 7	32° 1	10th	59° 0	19th	2° 5	2° 7	2° 6	in.	in.	in.	%	%	%	
February		565	37° 5	37° 7	37° 6	33° 4	42° 5	23° 7	24th	56° 4	15th	3° 0	3° 0	3° 0	170	171	171	75	79	80	
March		768	39° 7	38° 9	39° 3	34° 7	45° 1	28° 0	5th	59° 1	18th	3° 1	2° 4	2° 8	186	191	189	75	82	79	
April		723	45° 2	43° 7	44° 5	40° 7	49° 1	31° 0	5th	57° 8	10th	2° 8	2° 4	2° 6	239	233	236	80	81	81	
May		727	47° 8	45° 2	46° 5	40° 9	51° 4	34° 7	19th	62° 4	8th	3° 7	2° 2	3° 0	247	251	249	75	84	80	
June		827	54° 5	52° 2	53° 4	47° 3	59° 0	38° 9	28th	69° 8	29th	4° 1	3° 1	3° 6	316	311	314	74	80	77	
July		929	57° 5	54° 5	56° 0	49° 0	62° 5	38° 4	20th	71° 1	6th	5° 9	3° 6	4° 8	314	328	321	66	77	72	
August		779	57° 8	56° 0	56° 9	50° 7	63° 0	42° 8	25th	73° 4	11th	4° 5	2° 9	3° 7	352	368	360	74	82	78	
September		868	57° 2	54° 5	55° 9	49° 2	62° 2	40° 1	19th	78° 4	3rd	3° 9	3° 1	3° 5	357	339	348	76	79	78	
October		722	50° 5	49° 7	50° 1	45° 8	54° 5	39° 4	31st	69° 3	2nd	2° 5	2° 2	2° 4	304	302	303	83	86	85	
November		644	41° 8	42° 6	42° 2	38° 3	46° 8	24° 6	29th	59° 5	2nd	2° 4	2° 2	2° 3	217	227	222	82	84	83	
December		29° 599	42° 9	41° 9	42° 4	37° 7	47° 3	25° 9	30th	56° 0	5th	2° 9	2° 9	2° 9	216	208	212	79	79	79	
Year		29° 757	47° 9	46° 7	47° 3	42° 2	52° 6	—	—	—	—	3° 4	2° 7	3° 1	262	263	263	76° 7	80° 8	78° 8	

FORT AUGUSTUS

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

		Monthly Summary, 1902 in.																		
		Air Temperature.																		
		Humidity.																		
		Precipitation.																		
		Barometrical.																		
		Magnetic.																		
		Gravitational.																		
		Solar.																		
		Lunar.																		
		Planetary.																		
		Stellar.																		
		Cosmic.																		
		Galactic.																		
		Interstellar.																		
		Extragalactic.																		
		Cosmological.																		
		Astrophysical.																		
		Astrochemical.																		
		Astrobiological.																		
		Astrogeological.																		
		Astrohistorical.																		
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BRAEMAR

Long. 3° 24' W. Lat. 57° 0' N. Height above Mean Sea Level, 1,111 feet. Gravity Correction, +.030 in.

	ins.													in.	in.	in.	%	%	%
January	28.813	40.1	40.1	40.1	35.1	44.8	23.3	5th	54.2	19th	2.1	2.3	2.2	.208	.205	.207	82.4	81.3	81.9
February	.460	33.3	33.5	33.4	28.7	39.2	2.5	24th	51.8	1st	1.8	1.4	1.6	.169	.166	.168	86.1	85.6	85.9
March	.649	34.5	34.7	34.6	29.0	40.9	8.5	8th	53.7	18th	1.4	1.3	1.4	.175	.178	.177	85.2	85.7	85.5
April	.586	42.9	41.3	42.1	36.4	48.2	23.2	5th	60.6	22nd	2.6	2.1	2.4	.224	.221	.223	80.6	84.0	82.3
May	.612	45.9	43.0	44.5	35.8	52.3	27.8	20th	62.0	23rd	4.2	2.6	3.4	.222	.225	.224	71.9	80.8	76.4
June	.716	54.5	51.4	53.0	43.3	61.8	32.4	28th	73.0	28th	4.8	3.0	3.9	.302	.308	.305	71.9	81.0	76.5
July	.835	55.6	53.7	54.7	45.4	64.3	32.7	21st	73.5	11th	5.2	4.1	4.7	.310	.311	.311	69.9	75.1	72.5
August	.677	54.5	54.1	54.3	46.4	62.2	32.3	25th	74.3	12th	3.8	3.0	3.4	.329	.342	.336	76.8	80.9	78.9
September	.781	54.2	52.0	53.1	44.9	61.8	29.8	23rd	80.0	4th	3.7	2.8	3.3	.333	.323	.328	77.7	82.0	79.9
October	.614	45.6	45.5	45.6	39.8	53.0	29.2	11th	73.8	3rd	2.4	1.9	2.2	.259	.267	.263	83.7	86.4	85.1
November	.534	36.6	38.1	37.4	30.8	44.4	8.5	29th	55.0	2nd	1.5	1.6	1.6	.190	.203	.197	85.7	85.9	85.8
December	28.495	39.5	39.2	39.4	33.2	44.4	16.0	31st	52.1	5th	2.0	2.2	2.1	.207	.201	.204	83.4	81.5	82.5
Year	28.648	44.8	43.9	44.4	37.4	51.4	—	—	—	—	3.0	2.4	2.7	.244	.246	.245	79.6	82.5	81.1

ABERDEEN.

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

1898.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	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.	
				ins.	ins.																		
January	6.4	5.9	6.2	0.960	.490	21st	12	0	0	0	0	6	—	—	—	—	—	—	—	—	—	—	—
February	5.3	5.2	5.3	1.700	.455	25th	16	13	0	0	0	4	2	3	0	0	2	8	16	14	11	2	
March	5.4	5.5	5.5	2.835	.490	2nd	19	13	11	0	1	3	2	4	6	3	1	6	11	10	12	9	
April	7.6	7.2	7.4	4.620	.970	29th	22	1	2	0	0	16	2	1	0	5	14	19	7	4	4	6	
May	6.3	6.4	6.4	3.005	.730	2nd	21	2	2	0	1	4	0	8	4	4	3	9	1	6	20	7	
June	6.6	7.1	6.9	1.435	.330	6th	15	0	1	1	0	7	0	9	2	3	4	9	8	8	6	11	
July	7.5	6.5	7.0	0.809	.200	17th	15	0	1	1	0	12	0	8	0	0	2	7	5	9	19	12	
August	6.6	5.6	6.1	2.655	.680	30th	17	0	0	3	0	6	0	2	3	1	4	16	13	8	5	10	
September	6.1	5.4	5.8	1.705	.780	1st	14	0	0	0	1	7	0	0	0	2	6	14	16	7	6	9	
October	6.6	6.0	6.3	2.840	.460	18th	23	0	1	0	4	12	6	0	1	9	14	7	12	4	4	11	
November	6.2	6.2	6.2	3.230	.760	25th	15	5	2	0	1	9	2	4	2	1	4	11	21	6	6	5	
December	5.9	6.3	6.1	2.070	.325	31st	23	3	1	0	0	5	10	2	0	0	1	11	21	13	10	4	
Year	6.4	6.1	6.3	27.414	—	—	212	37	21	5	8	91	—	—	—	—	—	—	—	—	—	—	

FORT WILLIAM

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

[illegible]

BEN NEVIS OBSERVATORY

Long. 5° 0' W. Lat. 56° 48' N. Height above Mean Sea Level, 4,405 feet. Gravity Correction, +.020 in.

	ins.													in.	in.	in.	%	%	%
January	- 25°46	29°0	29°2	29°1	26°6	32°4	21°2	7th	39°0	30th	0°0	0°0	0°0	'160	'161	'161	100	100	100
February	- °098	22°1	22°2	22°2	18°9	25°9	9-6	20th	37°9	1st	0°0	0°0	0°0	'119	'119	'119	100	100	100
March	- °268	23°4	22°9	23°2	20°1	27°0	13°1	26th	37°1	17th	0°2	0°0	0°1	'118	'123	'121	95	100	98
April	- °210	29°7	29°8	29°8	26°9	32°6	15°2	5th	41°3	21st	0°4	0°4	0°4	'156	'155	'156	95	94	95
May	- °277	31°4	30°5	31°0	27°4	34°8	19°3	15th	51°2	24th	1°3	0°9	1°1	'146	'147	'147	82	86	84
June	- °418	38°8	38°5	38°7	35°4	42°2	26°5	1st	52°1	14th	1°7	0°6	1°2	'303	'221	'262	86	95	91
July	- °549	40°1	39°9	40°0	35°8	44°8	30°1	2nd	55°9	9th	1°7	1°1	1°4	'212	'224	'218	85	91	88
August	- °397	40°5	40°7	40°6	37°2	44°5	29°0	31st	55°3	22nd	0°4	0°6	0°5	'243	'241	'242	97	95	96
September	- °478	43°0	41°7	42°4	37°9	46°7	29°0	22nd	62-6	6th	2°3	2°1	2°2	'228	'221	'225	82	85	84
October	- °278	35°8	35°5	35°7	32°7	38°6	23°5	16th	57°2	3rd	0°9	0°7	0°8	'195	'195	'195	93	94	94
November	- °184	28°9	28°7	28°8	25°3	32°2	11°1	29th	43°9	19th	0°1	0°6	0°4	'157	'140	'149	98	89	94
December	- 25°157	28°0	28°3	28°2	24°7	32°9	16°4	8th	39°3	4th	0°2	0°1	0°2	'146	'154	'150	95	98	97
Year	- 25°313	32°6	32°3	32°5	29°1	36°2	—	—	—	—	0°8	0°6	0°7	'182	'175	'179	92·3	93·9	93·1

LEDNATHIE

Long. 3° 7' W. Lat. 56° 45' N. Height above Mean Sea Level, 719 feet. Gravity Correction, +.030 in.

		Barometer, 716 feet.										Gravity Correction, + 0.50 in.								
		ins.													in.	in.	in.	%	%	%
January	-	29°257	40°7	40°7	40°7	34°6	46°0	24°8	5th	55°0	19th	2°0	1°9	2°0	in. '213	in. '215	in. '214	85	85	85
February	-	28°891	35°0	35°4	35°2	30°2	41°5	17°8	24th	51°8	15th	2°0	1°7	1°9	'164	'175	'170	80	85	83
March	-	29°082	37°3	36°0	36°7	30°1	44°1	18°2	5th	56°6	18th	2°8	2°0	2°4	'172	'175	'174	77	82	80
April	-	'020	43°7	41°0	42°4	35°5	49°5	20°5	5th	59°8	22nd	2°1	1°5	1°8	'240	'225	'233	84	88	86
May	-	'040	47°7	43°8	45°8	36°2	54°9	26°8	18th	65°8	21st	4°8	2°9	3°9	'225	'224	'225	68	77	73
June	-	'141	54°8	50°9	52°9	44°2	62°7	31°5	3rd	73°0	17th	4°4	2°2	3°3	'314	'318	'316	73	86	80
July	-	'261	57°0	53°3	55°2	45°2	65°8	32°8	21st	75°0	15th	5°8	3°8	4°8	'309	'308	'309	66	75	71
August	-	'105	56°5	53°7	55°1	48°1	63°6	35°4	25th	74°0	22nd	3°7	2°3	3°0	'353	'349	'351	77	85	81
September	-	'193	55°7	52°0	53°9	44°9	64°0	30°0	29th	81°0	4th	3°2	2°0	2°6	'356	'335	'346	80	86	83
October	-	29°026	48°1	46°9	47°5	41°1	53°9	26°5	17th	75°8	4th	2°0	1°4	1°7	'286	'288	'287	86	91	89
November	-	28°957	38°4	38°9	38°7	32°0	45°9	11°5	29th	58°0	9th	1°7	1°5	1°6	'199	'208	'204	87	89	88
December	-	28°932	40°9	39°3	40°1	32°5	45°5	17°0	31st	54°0	5, 16	2°0	1°8	1°9	'215	'206	'211	85	86	86
Year	-	29°075	46°3	44°3	45°3	37°9	53°1	—	—	—	—	3°0	2°1	2°6	'254	'252	'253	79°0	84°6	81°8

FORT WILLIAM.

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

[illegible]

BEN NEVIS OBSERVATORY.

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]

LAUDALE

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

1898.	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.			Tension of Vapour.			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. 30.024	45.6	45.9	45.8	41.4	49.7	31.0	1st	56.4	19th	2.1	2.0	2.1	in. 2.61	2.67	2.64	84.8	85.4	85.1		
February	29.700	39.5	40.0	39.8	34.6	44.8	22.7	23rd	54.0	1st	2.0	2.3	2.2	2.06	2.04	2.05	83.0	81.3	82.2		
March	7.75	41.2	40.9	41.1	34.9	46.6	28.4	5th	53.0	17th	2.1	2.1	2.1	2.21	2.17	2.19	84.0	83.5	83.8		
April	7.32	47.8	47.5	47.7	41.8	53.3	29.3	5th	61.4	22nd	2.3	2.3	2.3	2.80	2.77	2.79	84.4	84.2	84.3		
May	8.01	49.6	48.1	48.9	41.5	55.8	31.4	14th	68.7	23rd	3.2	3.0	3.1	2.81	2.69	2.75	78.6	79.9	79.3		
June	29.888	56.4	54.1	55.3	48.7	62.0	42.0	28th	75.0	11th	3.4	2.5	3.0	3.63	3.53	3.58	79.1	83.9	81.5		
July	30.042	56.9	54.7	55.8	48.7	62.9	42.8	30th	69.0	10th	2.9	2.1	2.5	3.82	3.73	3.78	82.0	86.5	84.3		
August	29.834	58.2	56.0	57.1	51.8	63.9	45.2	7th	74.6	22nd	3.0	2.4	2.7	3.99	3.85	3.92	81.7	85.0	83.4		
September	9.29	57.0	55.7	56.4	51.4	63.2	41.0	23, 25	77.7	6th	2.9	2.2	2.6	3.90	3.89	3.90	82.5	86.0	84.3		
October	7.37	51.3	50.9	51.1	45.7	57.6	35.4	29th	75.1	5th	2.8	2.6	2.7	3.12	3.12	3.12	81.8	82.9	82.4		
November	7.01	44.2	44.5	44.4	38.3	49.3	24.5	29th	57.0	12th	1.6	1.8	1.7	2.60	2.60	2.60	87.1	85.2	86.2		
December	29.698	45.0	45.5	45.3	39.7	50.4	27.0	30th	55.5	5th	1.8	2.0	1.9	2.65	2.66	2.66	86.0	85.4	85.7		
Year	29.830	49.4	48.7	49.1	43.2	55.0	—	—	—	—	2.5	2.3	2.4	3.02	2.98	3.00	82.9	84.1	83.5		

DUNDEE

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

	ins.													in.	in.	in.	%	%	%
January	29.893	42.0	42.9	42.5	37.9	47.3	29.3	5th	55.8	19th	1.6	1.4	1.5	.237	.248	.243	88.1	88.9	88.5
February	.534	37.6	37.3	37.5	33.1	43.6	22.6	24th	54.0	15th	2.0	1.8	1.9	.189	.189	.189	82.3	83.3	82.8
March	.703	39.6	38.2	38.9	33.1	46.4	24.3	8th	59.8	17th	2.2	1.6	1.9	.202	.205	.204	81.9	86.7	84.3
April	.635	46.0	43.7	44.9	39.4	51.2	27.0	5th	57.8	9th	1.9	2.0	2.0	.269	.243	.256	86.5	84.9	85.7
May	.648	50.5	45.8	48.2	40.2	56.6	32.1	18th	65.6	28th	4.3	2.5	3.4	.266	.257	.262	73.7	83.5	78.6
June	.749	57.1	52.5	54.8	46.9	64.5	40.1	1st	76.0	17th	4.0	2.2	3.1	.358	.339	.349	76.4	85.9	81.2
July	.874	61.0	56.0	58.5	49.1	68.2	42.1	21st	77.2	10th	5.6	3.5	4.6	.373	.354	.364	69.2	79.1	74.2
August	.708	59.1	55.7	57.4	50.1	65.8	43.2	24th	74.7	14th	3.3	1.9	2.6	.405	.395	.400	81.0	88.2	84.6
September	.804	57.0	54.3	55.7	49.0	65.1	38.1	22nd	81.6	4th	2.3	1.5	1.9	.408	.387	.398	86.0	89.9	88.0
October	.638	49.9	49.2	49.6	45.3	55.3	36.9	12th	68.8	2nd	1.3	1.1	1.2	.330	.325	.328	91.1	91.8	91.5
November	.583	41.0	41.8	41.4	36.0	46.1	21.3	29th	57.7	2nd	1.3	1.1	1.2	.233	.246	.240	88.0	90.1	89.1
December	29.568	43.1	42.3	42.7	37.4	47.3	24.8	31st	56.2	5th	1.9	1.9	1.9	.244	.234	.239	85.8	85.1	85.5
Year	29.695	48.7	46.6	47.7	41.5	54.8	—	—	—	—	2.6	1.9	2.3	.293	.285	.289	82.5	86.5	84.5

OCHTERTYRE

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

	ins.													in.	in.	in.	%	%	%
January	29.709	42.3	42.7	42.5	37.0	48.0	28.0	4, 5, 6	55.0	30th	1.1	1.2	1.2	2.46	2.48	2.47	92	90	91
February	35.1	37.6	36.8	37.2	32.6	45.4	21.0	24th	55.0	1st	2.2	1.7	2.0	1.84	1.86	1.85	81	86	84
March	52.0	40.2	37.7	39.0	33.2	47.9	23.0	8th	59.0	18th	3.0	1.9	2.5	1.91	1.90	1.91	77	83	80
April	43.7	46.6	43.3	45.0	39.1	54.4	25.0	5th	65.0	22nd	2.9	1.8	2.4	2.52	2.42	2.47	80	86	83
May	46.2	50.7	45.4	48.1	38.9	59.0	29.0	14th	68.0	21st	4.4	3.2	3.8	2.64	2.34	2.49	72	77	75
June	56.7	57.6	52.3	55.0	46.4	66.1	38.0	28th	77.0	9th	4.6	2.6	3.6	3.46	3.25	3.36	73	82	78
July	69.5	60.9	55.4	58.2	47.8	70.9	39.0	25th	80.0	11th	6.4	4.1	5.3	3.48	3.29	3.39	65	75	70
August	53.1	58.0	54.5	56.3	49.1	67.0	37.0	25th	79.0	12th	4.1	2.4	3.3	3.65	3.57	3.61	76	84	80
September	62.2	56.6	53.8	55.2	48.3	65.9	35.0	22, 29	83.0	4th	3.1	2.3	2.7	3.70	3.51	3.61	80	85	83
October	44.5	49.4	48.0	48.7	43.8	56.4	32.0	12th	74.0	4th	2.0	1.4	1.7	3.03	2.99	3.01	87	90	89
November	38.8	40.6	40.9	40.8	34.9	47.5	20.0	29th	56.0	2nd	2.0	1.6	1.8	2.12	2.22	2.17	85	87	86
December	29.376	41.9	41.6	41.8	36.7	48.5	22.0	31st	55.0	11th	2.2	2.0	2.1	2.22	2.22	2.22	85	85	85
Year	29.509	48.5	46.0	47.3	40.7	56.4	—	—	—	—	3.2	2.2	2.7	2.75	2.67	2.71	79.4	84.2	81.8

LAUDALE.

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

1898.		Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
		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	-	8.4	8.5	8.5	ins. 7.410	ins. 1.200	7th	29	0	2	0	0	20	3	5	2	4	1	5	10	25	5	5	
February	-	7.1	7.3	7.2	9.130	1.300	25th	23	13	12	1	2	13	6	15	6	1	3	3	1	8	17	2	
March	-	5.7	6.3	6.0	4.020	.570	14th	26	13	0	2	5	10	13	11	8	10	3	1	3	14	8	4	
April	-	7.4	6.3	6.9	4.680	1.020	13th	22	4	1	0	1	12	3	3	0	5	8	14	6	12	9	3	
May	-	5.4	5.4	5.4	3.850	.680	10th	21	8	3	0	7	6	2	28	2	11	4	6	0	5	4	2	
June	-	7.1	7.2	7.2	4.110	1.070	23rd	17	0	3	4	2	12	0	9	0	2	4	11	4	6	5	19	
July	-	7.2	6.6	6.9	3.530	.820	17th	17	0	0	1	1	15	1	14	1	2	1	4	1	18	11	10	
August	-	7.9	7.5	7.7	7.530	.960	2nd	26	0	1	1	0	16	4	3	0	1	3	12	6	17	9	11	
September	-	6.8	6.5	6.7	8.830	1.840	27th	23	0	1	2	6	16	1	5	2	5	6	12	5	13	7	5	
October	-	5.7	6.0	5.9	3.910	.750	23rd	16	0	1	3	6	10	6	1	0	13	12	9	9	8	5	5	
November	-	6.9	6.4	6.7	7.260	3.030	1st	21	5	3	2	6	17	6	7	2	5	4	20	0	12	8	2	
December	-	8.6	8.4	8.5	14.380	1.470	4th	31	7	12	2	1	22	8	6	2	2	2	5	4	26	12	3	
Year	-	7.0	6.9	7.0	78.640	—	—	272	50	39	18	37	169	53	107	25	61	51	102	49	164	100	71	

DUNDEE.

POLTALLOCH

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

1898.	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.			Tension of Vapour.			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. 29.959	44.0	44.6	44.3	40.1	47.9	30.4	3rd	54.3	19th	1.3	1.3	1.3	in. 259	265	262	90	90	90	
February	616	39.6	39.8	39.7	35.0	45.6	24.4	23rd	52.3	2nd	2.4	2.1	2.3	197	204	201	81	84	83	
March	786	41.0	39.9	40.5	34.9	46.7	27.4	5, 8, 26, 31	54.3	24th	2.6	1.5	2.1	204	216	210	80	88	84	
April	643	47.7	45.7	46.7	41.7	53.2	26.4	5th	61.2	23rd	2.4	2.0	2.2	274	262	268	83	86	85	
May	688	51.2	47.5	49.4	41.8	58.3	30.4	14, 15	73.3	22, 23	4.5	3.3	3.9	268	252	260	71	77	74	
June	778	57.1	54.6	55.9	49.2	62.9	41.4	28th	76.3	11, 12	3.6	2.8	3.2	363	350	357	78	82	80	
July	926	57.6	54.7	56.2	49.2	62.9	37.4	4th	70.3	11th	3.7	2.3	3.0	369	363	366	78	85	82	
August	739	58.1	56.2	57.2	52.9	64.8	42.4	7th	68.0	23rd	2.9	2.0	2.5	398	394	396	81	87	84	
September	839	56.4	53.9	55.2	51.2	62.7	38.4	22, 25	76.3	6, 7	1.9	1.6	1.8	399	370	385	88	89	89	
October	650	50.1	49.2	49.7	45.7	56.7	36.4	12th	72.3	6th	2.0	2.0	2.0	311	301	306	86	86	86	
November	612	42.5	42.1	42.3	37.8	47.4	22.4	29th	59.3	10th	1.3	1.6	1.5	243	234	239	90	88	89	
December	29.620	44.8	44.2	44.5	39.3	47.9	26.4	30, 31	55.3	4th	2.1	1.8	2.0	250	250	250	85	86	86	
Year	29.738	49.2	47.7	48.5	43.2	54.8	—	—	—	—	2.6	2.0	2.3	295	288	292	82.6	85.7	84.2	

EDINBURGH

Long. 3° 12' W. Lat. 55° 57' N. Height above Mean Sea Level, 253 feet. Gravity Correction, +028 in.

January	ins. 29.802	45.0	44.9	45.0	40.8	48.5	32.3	5th	56.5	19th	2.5	2.4	2.5	in. 247	248	248	82.5	83.0	82.8
February	445	38.0	38.8	38.4	35.0	44.8	24.0	21st	55.5	1st	2.5	2.6	2.6	182	189	186	77.5	78.4	78.0
March	599	39.7	39.4	39.6	35.0	46.8	27.0	8th	56.0	11th	2.5	2.2	2.4	197	202	200	79.5	82.1	80.8
April	511	47.6	45.9	46.8	41.2	53.8	28.3	5th	61.3	22nd	3.0	2.6	2.8	263	254	259	80.0	81.5	80.8
May	532	50.3	46.4	48.4	41.1	56.0	33.8	18th	65.1	7th	4.3	2.7	3.5	265	256	261	72.9	81.0	77.0
June	637	56.5	53.0	54.8	48.3	63.7	41.6	1st	73.3	17th	4.1	2.6	3.4	347	336	342	75.5	83.1	79.3
July	759	58.5	55.9	57.2	49.9	66.9	42.9	30th	74.1	21st	4.5	3.4	4.0	364	356	360	74.0	78.8	76.4
August	601	59.0	57.1	58.1	51.3	66.3	44.0	31st	76.9	12th	3.7	2.8	3.1	396	399	398	79.1	84.5	81.8
September	693	57.2	55.9	56.6	50.7	65.0	39.2	24th	82.8	5th	2.7	2.2	2.5	401	395	398	83.6	85.7	84.7
October	508	50.6	50.1	50.4	46.5	55.6	40.0	24th	70.2	4th	2.0	1.9	2.0	321	317	319	86.6	87.0	86.8
November	467	41.6	42.8	42.2	37.8	47.2	20.3	29th	61.0	2nd	1.9	1.6	1.8	230	246	238	84.7	87.2	86.0
December	29.472	44.8	43.8	44.3	39.7	48.3	26.0	31st	57.5	5th	2.3	2.4	2.4	252	238	245	82.7	81.4	82.1
Year	29.586	49.1	47.8	48.5	43.1	55.2	—	—	—	—	3.0	2.4	2.7	289	286	288	79.9	82.8	81.4

GLASGOW

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

January	ins. 29.906	44.0	44.2	44.1	41.1	47.5	31.2	5th	53.4	19th	1.6	1.6	1.6	in. 254	257	256	88.0	88.3	88.2
February	558	38.4	38.4	38.4	35.4	43.6	27.8	24th	52.9	1st	2.3	2.2	2.3	191	191	191	79.8	80.6	80.2
March	703	39.4	39.6	39.5	35.9	45.1	29.2	5th	55.1	18th	2.4	2.4	2.4	199	201	200	81.0	81.1	81.1
April	598	46.8	46.0	46.4	42.2	52.6	29.8	5th	59.0	22nd	3.1	2.7	2.9	253	253	253	78.8	81.1	80.0
May	631	49.0	46.9	48.0	41.9	55.4	33.3	14th	62.2	21, 24	4.7	3.2	4.0	245	252	249	70.9	78.2	74.6
June	731	55.2	53.5	54.4	48.9	62.7	42.4	2nd	70.1	15th	4.0	2.8	3.4	331	339	335	75.7	82.2	79.0
July	867	57.6	56.0	56.8	50.9	65.2	44.3	24, 30	74.1	10th	4.6	3.5	4.1	348	352	350	73.1	78.2	75.7
August	699	57.7	56.0	56.9	52.0	63.8	44.1	25th	76.4	12th	3.5	2.4	3.0	381	384	383	79.3	84.3	81.8
September	790	55.4	55.1	55.3	50.8	62.0	37.3	24th	77.5	6th	2.3	2.1	2.2	385	384	385	85.6	86.4	86.0
October	596	49.9	49.7	49.8	46.6	54.5	37.5	12th	65.3	4th	1.9	1.8	1.9	316	316	316	87.4	87.5	87.5
November	560	41.8	42.8	42.3	38.7	46.7	24.5	29th	56.1	2nd	1.7	1.6	1.7	236	246	241	86.4	86.7	86.6
December	29.579	44.6	43.9	44.3	40.5	48.4	30.1	31st	56.1	5th	2.1	2.2	2.2	254	244	249	84.3	83.5	83.9
Year	29.685	48.3	47.7	48.0	43.7	53.9	—	—	—	—	2.9	2.4	2.7	283	285	284	80.9	83.2	82.1

POLTALLOCH.

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

1898	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	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	—	—	—	ins. 4.040	ins. 7.50	5th	19	0	0	0	—	—	3	1	1	0	1	1	29	10	6	13
February	—	—	—	5.610	1.050	26th	20	3	2	1	—	—	4	11	3	1	0	0	12	10	13	6
March	—	—	—	2.710	3.30	1st	18	2	3	0	—	—	0	3	18	3	0	1	12	3	5	17
April	—	—	—	3.620	4.90	14th	21	1	0	0	—	—	0	2	1	3	11	6	17	4	4	12
May	—	—	—	2.990	3.90	3, 11	15	0	1	0	—	—	0	11	7	4	2	7	3	7	8	13
June	—	—	—	4.250	7.70	20th	17	0	0	1	—	—	0	3	5	1	2	6	20	4	4	15
July	—	—	—	2.740	9.60	18th	11	0	0	1	—	—	0	7	1	0	0	0	12	13	7	22
August	—	—	—	5.870	1.150	10th	18	0	0	0	—	—	1	0	4	1	1	8	16	12	3	17
September	—	—	—	7.320	1.270	28th	21	0	0	0	—	—	0	1	2	2	2	7	4	21	6	15
October	—	—	—	3.420	5.80	31st	16	0	0	1	—	—	2	0	4	2	15	3	11	5	1	21
November	—	—	—	5.820	1.350	2nd	18	2	1	1	—	—	2	2	5	3	2	5	8	10	0	25
December	—	—	—	9.870	1.180	5th	29	1	1	1	—	—	6	4	3	0	0	3	21	14	7	10
Year	—	—	—	58.260	—	—	223	9	7	6	—	—	18	45	54	20	36	47	165	113	64	186

EDINBURGH.

Heights above Ground :—Barometer, 23 feet. Thermometers, 4 feet. Rain-gauge, 8 inches.

January	-	-	8.4	6.4	7.4	ins. 0.840	ins. 1.90	5th	13	0	0	0	0	17	1	1	0	2	4	2	19	28	1	5	
February	-	-	5.1	3.5	4.3	1.020	.210	1st	13	4	3	1	5	3	4	2	0	2	1	0	4	37	8	2	
March	-	-	5.8	6.1	6.0	1.220	.500	27th	15	8	5	0	7	11	2	0	7	6	2	3	4	30	3	7	
April	-	-	7.4	5.9	6.7	1.910	.570	28th	15	0	1	1	1	14	0	1	2	10	5	3	8	19	2	10	
May	-	-	7.5	6.5	7.0	2.340	.570	2nd	18	1	3	1	0	12	0	0	0	14	3	2	6	17	15	5	
June	-	-	8.2	7.2	7.7	1.390	.280	3rd	12	0	0	1	2	2	18	0	2	1	15	1	2	9	23	1	6
July	-	-	6.8	6.2	6.5	1.280	.280	17th	10	0	0	0	1	3	14	0	2	1	13	4	1	3	31	4	3
August	-	-	7.3	7.1	7.2	3.300	1.580	30th	18	0	1	2	1	14	0	1	5	9	0	1	9	28	7	2	
September	-	-	7.1	5.6	6.4	2.210	.750	29th	14	0	0	0	5	12	0	0	1	9	7	0	5	27	3	8	
October	-	-	7.6	7.3	7.5	3.700	1.100	17th	14	0	0	0	2	16	2	1	2	13	8	1	5	23	3	6	
November	-	-	8.1	6.4	7.3	4.110	.900	25th	20	4	2	1	2	15	1	1	5	11	4	2	6	20	4	7	
December	-	-	7.2	5.8	6.5	1.910	.290	5th	19	1	0	0	5	14	2	0	0	1	1	0	8	42	6	4	
Year	-	-	7.2	6.2	6.7	25.230	—	—	181	18	16	9	33	160	12	11	24	105	40	17	86	325	57	65	

ROSEWELL

Long. 3° 7' W. Lat. 55° 51' N. Height above Mean Sea Level, 690 feet. Gravity Correction, +.028 in.

1898.	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.			Tension of Vapour.			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. 29.353	43.0	42.0	42.5	36.6	47.4	30.2	5th	56.0	19th	1.6	1.2	1.4	in. 242	in. 241	in. 242	87	91	89
February	.001	37.0	35.6	36.3	31.4	41.6	19.0	21st	55.0	1st	1.6	1.2	1.4	.189	.187	.188	86	89	88
March	.142	38.9	36.1	37.5	31.3	44.8	26.0	5th	53.0	17th	1.9	1.1	1.5	.200	.192	.196	85	90	88
April	.064	46.8	43.0	44.9	37.9	53.5	28.0	5th	61.0	21st	2.8	1.4	2.1	.255	.247	.251	80	89	85
May	.092	49.0	43.7	46.4	37.3	54.1	28.0	14th	62.0	7th	4.2	2.0	3.1	.251	.242	.247	72	85	79
June	.203	55.2	50.8	53.0	45.6	62.3	38.0	1st	72.0	17th	3.6	1.8	2.7	.337	.325	.331	78	87	83
July	.326	57.7	53.4	55.6	46.0	65.3	41.0	9, 30	78.0	10th	3.6	1.8	2.7	.373	.358	.366	78	88	83
August	.154	58.5	54.7	56.6	47.8	64.7	38.0	7th	77.0	12th	2.2	1.7	2.0	.423	.379	.401	86	89	88
September	.262	57.5	53.4	55.5	48.4	62.6	33.0	24th	84.0	4th	2.2	1.5	1.9	.408	.366	.387	86	90	88
October	.066	49.6	47.7	48.7	43.2	54.5	35.0	12th	72.0	4th	1.2	0.9	1.1	.324	.309	.317	92	94	93
November	.018	40.9	40.9	40.9	34.4	47.6	20.0	29th	58.0	1st	0.8	0.8	0.8	.238	.338	.288	94	94	94
December	29.019	42.4	40.1	41.3	36.3	47.3	26.0	30th	56.0	6th	1.9	1.6	1.8	.231	.216	.224	86	87	87
Year	29.142	48.0	45.1	46.6	39.7	53.8	—	—	—	—	2.3	1.4	1.9	.289	.283	.286	84.2	89.4	86.8

ROTHESAY

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

	ins.													in.	in.	in.	%	%	%
January	29.982	44.0	43.9	44.0	39.9	48.7	32.8	5th	55.8	19th	1.4	1.3	1.4	.257	.258	.258	89	90	90
February	.647	39.2	38.4	38.8	34.9	45.8	27.5	24th	54.8	1st	1.5	1.5	1.5	.210	.202	.206	88	88	88
March	.776	40.6	39.5	40.1	35.7	47.8	29.3	5th	57.0	23rd	2.5	2.2	2.4	.203	.200	.202	81	82	82
April	.670	47.8	44.9	46.4	41.3	53.9	29.3	5th	62.0	22nd	2.6	1.8	2.2	.270	.256	.263	81	86	84
May	.718	50.5	46.7	48.6	41.6	57.6	32.8	14th	68.8	21st	4.1	2.7	3.4	.268	.257	.263	73	81	77
June	.811	56.5	53.7	55.1	48.0	64.0	42.0	2nd	73.0	10th	3.2	2.2	2.7	.366	.352	.359	80	86	83
July	.955	57.7	54.7	56.2	48.9	64.6	42.5	25th	73.0	10th	3.3	2.2	2.8	.381	.366	.374	79	86	83
August	.780	58.3	55.0	56.7	50.1	64.9	42.0	31st	77.0	22nd	2.4	1.5	2.0	.414	.389	.402	84	90	87
September	.868	56.7	53.8	55.3	50.1	63.4	40.5	29th	79.0	6th	1.6	1.2	1.4	.412	.380	.396	90	91	91
October	.664	50.5	48.9	49.7	45.7	56.5	38.0	12th	68.6	4th	1.4	1.1	1.3	.331	.320	.326	90	93	92
November	.626	43.1	43.0	43.1	38.8	48.6	25.5	29th	58.0	2nd	1.3	1.2	1.3	.250	.251	.251	89	90	90
December	29.656	44.9	44.4	44.7	40.2	49.5	29.0	30th	56.0	5, 11	1.4	1.7	1.6	.266	.255	.261	90	88	89
Year	29.763	49.2	47.2	48.2	42.9	55.4	—	—	—	—	2.2	1.7	2.0	.302	.291	.297	84.5	87.6	86.3

MARCHMONT

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

	ins.													in.	in.	in.	%	%	%
January	29.553	42.4	43.9	43.2	37.2	48.0	29.0	9, 22	58.0	31st	1.8	2.0	1.9	.233	.244	.239	86	85	86
February	.214	36.4	38.2	37.3	32.4	44.1	17.0	24th	57.0	1st	1.8	2.3	2.1	.182	.186	.184	84	81	83
March	.328	38.6	38.9	38.8	31.2	46.3	24.0	8th	55.0	18th	2.4	2.1	2.3	.189	.196	.193	81	84	83
April	.274	45.5	43.3	44.4	37.2	51.9	26.0	5th	60.0	21, 22	2.6	1.9	2.3	.247	.239	.243	81	85	83
May	.286	48.7	44.4	46.6	37.5	53.6	30.0	14th	62.0	7th	4.2	2.4	3.3	.247	.240	.244	72	82	77
June	.389	54.9	50.9	52.9	44.5	61.3	33.0	1st	74.0	17th	4.2	2.1	3.2	.320	.320	.320	74	87	81
July	.511	58.2	54.5	56.3	46.4	65.7	41.0	31st	76.0	15th	5.0	3.1	4.1	.345	.339	.342	71	79	75
August	.373	59.3	55.6	57.5	48.8	65.8	42.0	25th	80.0	12th	3.6	1.9	2.8	.396	.389	.393	78	87	83
September	.461	56.9	54.8	55.9	48.1	65.2	34.0	29th	82.0	5th	2.1	1.6	1.9	.400	.384	.392	87	89	88
October	.281	49.9	48.2	49.1	44.1	55.3	36.0	10th	70.0	4th	1.3	1.5	1.4	.326	.300	.313	91	90	91
November	.227	40.5	41.4	41.0	35.8	47.1	19.0	29th	58.0	2nd	1.5	1.4	1.5	.220	.231	.226	88	89	89
December	29.247	42.5	41.4	42.0	36.8	47.7	28.0	30th	56.0	11th	1.9	1.6	1.8	.232	.228	.230	85	88	87
Year	29.345	47.8	46.3	47.1	40.0	54.3	—	—	—	—	2.7	2.0	2.4	.278	.275	.277	81.5	85.5	83.5

- ROSEWELL.

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

1898.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hall.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January	8.2	6.0	7.1	ins. 0.940	ins. .190	5th	14	0	0	0	2	14	4	0	3	2	0	0	17	40	0	0		
February	6.0	4.3	5.2	1.830	.360	27th	14	6	0	0	8	8	4	4	0	0	0	1	13	32	6	0		
March	6.4	3.7	5.1	1.650	.300	27th	16	8	4	0	7	8	0	2	9	4	1	1	12	27	6	0		
April	7.5	6.1	6.8	2.220	.810	10th	19	0	1	0	2	15	0	0	3	3	4	3	13	31	3	0		
May	6.8	6.1	6.5	1.410	.480	2nd	15	0	1	0	2	9	0	2	5	13	3	1	10	24	4	0		
June	7.1	6.8	7.0	2.060	.370	1, 3	14	0	0	0	1	15	0	4	6	9	1	0	9	28	3	0		
July	7.4	6.1	6.8	1.440	.360	28th	11	0	0	1	2	13	0	4	7	4	0	0	10	30	7	0		
August	7.6	5.3	6.5	4.080	1.220	30th	20	0	0	0	4	12	0	2	4	6	0	2	13	31	4	0		
September	6.2	5.2	5.7	1.970	.400	27 h	15	0	0	0	4	11	0	0	1	3	0	2	13	41	0	0		
October	7.8	7.8	7.8	3.190	.540	17th	19	0	0	0	3	20	2	0	5	12	6	1	13	24	1	0		
November	7.6	5.9	6.8	4.200	.750	1st	21	5	0	0	2	14	1	1	2	7	3	0	22	23	2	0		
December	5.6	5.5	5.6	3.470	.640	5th	22	2	0	0	5	10	4	0	0	2	0	0	8	48	4	0		
Year	7.0	5.7	6.4	28.460	—	—	200	21	6	1	42	149	15	19	45	65	18	11	153	379	40	0		

LADYLAW (NEAR HAWICK)

Long. 2° 47' W. Lat. 55° 28' N. Height above Mean Sea Level, 447 feet. Gravity Correction, +026 in.

1898.	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.			Tension of Vapour.			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°613	43°5	42°4	43°0	37°0	47°9	29°2	23rd	54°2	30th	1°2	1°1	1°2	in. °260	°250	°255	91°2	90°9	91°1		
February	°256	37°0	37°0	37°0	30°8	44°1	15°2	24th	52°6	15th	1°3	1°1	1°2	°198	°199	°199	86°0	88°8	87°4		
March	°380	38°0	36°7	37°4	29°8	45°9	19°4	8th	56°2	18th	1°3	1°1	1°2	°206	°198	°202	88°0	88°7	88°4		
April	°310	45°7	43°5	44°6	36°6	53°6	22°4	5th	61°2	21, 22	1°5	1°2	1°4	°276	°257	°267	89°3	90°9	90°1		
May	°315	49°1	45°0	47°1	37°3	55°8	25°0	14th	64°4	28th	1°7	1°6	1°7	°308	°265	°287	87°8	88°4	88°1		
June	°430	55°6	52°5	54°1	45°0	63°2	35°6	1st	70°6	17th	2°0	1°5	1°8	°389	°357	°373	87°5	89°6	88°6		
July	°555	59°3	54°6	57°0	45°3	67°6	34°0	30th	75°8	11th	2°7	2°2	2°5	°423	°369	°396	83°5	85°9	84°7		
August	°405	59°4	56°4	57°9	48°3	68°0	35°8	25th	78°8	12th	2°1	1°6	1°9	°443	°412	°428	87°2	89°6	88°4		
September	°505	56°6	54°6	55°6	45°8	66°3	28°2	26th	81°6	5th	1°8	1°6	1°7	°420	°399	°410	89°0	89°5	89°3		
October	°318	50°0	49°4	49°7	44°0	57°5	36°4	13th	71°6	4th	1°3	1°1	1°2	°330	°328	°329	91°0	91°9	91°5		
November	°277	40°7	41°6	41°2	35°1	48°2	15°4	29th	57°8	2nd	1°1	1°2	1°2	°238	°243	°241	89°4	90°0	89°7		
December	29°314	42°7	41°6	42°2	36°0	47°9	18°8	31st	55°4	5th	1°4	1°5	1°5	°249	°235	°242	88°5	87°0	87°8		
Year	29°390	48°1	46°3	47°2	39°3	55°5	—	—	—	—	1°6	1°4	1°5	°312	°293	°303	88°2	89°3	88°8		

COCKLE PARK (NEAR MORPETH)

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

		Air Temperature.										Humidity.									
		Means of										Tension of Vapour.									
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PINMORE

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

		Air Temperature.										Humidity.									
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LADYLAW (NEAR HAWICK).

Heights above Ground:—Barometer, 15 feet. Thermometers, 4 feet. Rain-gauge, 10 inches.

1898.		Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
		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	-	8.4	7.8	8.1	ins. 1.066	ins. 2.202	5th	15	0	0	0	1	18	1	0	0	1	12	7	38	3	1	0		
February	-	4.8	5.2	5.0	1.734	3.84	1st	14	4	0	0	6	8	2	7	0	1	5	5	24	3	11	0		
March	-	5.0	5.0	5.0	1.370	2.44	26th	16	5	2	0	10	10	0	12	0	0	0	4	25	8	13	0		
April	-	6.6	6.0	6.3	2.412	4.72	14th	19	1	0	0	3	8	0	4	6	1	5	5	30	4	3	2		
May	-	6.6	6.6	6.6	2.436	4.02	2, 10	14	2	1	1	3	12	0	2	6	6	9	2	13	10	13	1		
June	-	7.2	7.0	7.1	1.598	2.86	1st	13	0	1	0	4	15	0	6	7	2	3	3	32	4	2	1		
July	-	6.2	4.5	5.4	0.666	2.06	28th	5	0	0	0	8	11	0	5	4	0	0	5	31	5	4	8		
August	-	6.2	6.3	6.3	2.200	3.18	30th	15	0	0	1	4	11	0	5	0	0	1	3	33	11	3	6		
September	-	6.5	5.3	5.9	1.370	4.48	29th	13	0	0	0	6	8	0	2	4	1	3	5	28	10	4	3		
October	-	7.8	8.1	8.0	4.050	1.202	17th	18	0	0	0	3	19	1	9	7	2	4	5	17	8	5	5		
November	-	7.3	8.1	7.7	4.296	8.24	1st	18	3	0	0	1	17	1	4	2	0	10	3	22	4	7	8		
December	-	7.6	7.5	7.6	5.012	1.078	1st	26	1	1	2	2	15	1	3	2	0	4	3	30	15	3	2		
Year	-	6.7	6.5	6.6	28.210	—	—	186	16	5	4	51	152	6	59	38	14	56	50	323	85	69	36		

GLENLEE

Long. 4° 12' W. Lat. 55° 5' N. Height above Mean Sea Level, 203 feet. Gravity Correction, +.026 in.

1898.	Mean Pressure at 32° Fahr.	Air Temperature.								Humidity.									
		9 a.m.			Means of		Absolute Min. and Max.			Dep. of Wet-Bulb.			Tension of Vapour.			Percentage.			
		9 a.m.	9 p.m.	Mean.	Mi n.		Min.			9 a.m.			9 a.m.			9 a.m.			
					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. 29.928	44.3	43.7	44.0	38.6	48.2	28.0	23rd	54.0	19th	1.6	1.3	1.5	2.56	2.56	2.56	88	89	89
February	592	38.3	38.8	38.6	33.4	44.7	18.0	24th	53.0	1, 10	1.9	2.0	2.0	1.94	1.97	1.96	84	84	84
March	690	38.7	37.9	38.3	31.5	46.8	20.0	8th	58.0	18, 19	2.2	1.5	1.8	1.93	1.99	1.96	83	88	86
April	607	46.8	43.8	45.3	37.6	53.9	21.0	5th	59.5	9th	2.7	1.3	2.0	2.37	1.57	1.97	75	90	83
May	618	51.9	46.3	49.1	39.4	57.1	28.0	14th	68.0	24th	4.5	2.4	3.5	2.76	2.60	2.68	71	83	77
June	737	57.5	53.6	55.6	46.2	64.4	39.0	9th	73.5	9, 10	4.3	1.7	3.0	3.51	3.63	3.57	74	88	81
July	874	59.6	54.7	57.2	46.2	66.3	36.0	25th	73.3	9th	4.6	2.5	3.6	3.73	3.58	3.66	73	83	78
August	711	59.1	56.1	57.6	49.7	65.8	35.4	7th	75.3	12th	3.1	2.5	2.8	4.06	3.80	3.93	81	84	83
September	805	56.3	53.0	54.7	46.8	63.6	32.0	25th	75.5	5th	2.0	1.2	1.6	3.95	3.69	3.82	87	92	90
October	590	50.4	49.3	49.9	43.2	56.5	30.0	13th	73.5	4th	1.5	1.3	1.4	3.28	3.18	3.23	90	91	91
November	562	41.1	41.9	41.5	35.6	47.5	17.0	29th	58.0	2, 9	1.1	1.0	1.1	2.34	2.46	2.40	91	93	92
December	29.622	44.5	44.3	44.4	39.0	48.8	23.0	30, 31	56.5	5th	1.7	1.9	1.8	2.55	2.49	2.52	87	85	86
Year	29.695	49.0	47.0	48.0	40.6	55.3	—	—	—	—	2.6	1.7	2.2	2.92	2.79	2.86	82.0	87.5	84.8

CARGEN

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

1898.	Mean Pressure at 32° Fahr.	Air Temperature.								Humidity.									
		9 a.m.			Means of		Absolute Min. and Max.			Dep. of Wet-Bulb.			Tension of Vapour.			Percentage.			
		9 a.m.	9 p.m.	Mean.	Mi n.		Min.			9 a.m.			9 a.m.			9 a.m.			
					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. 30.069	44.8	44.8	44.8	40.0	48.8	29.0	23th	55.0	19th	1.5	1.4	1.5	2.62	2.64	2.63	88	89	89
February	29.722	38.2	39.8	39.0	34.2	45.9	23.0	24th	54.6	1st	1.5	1.7	1.6	2.01	2.11	2.06	88	87	88
March	825	39.3	40.1	39.7	32.6	47.0	22.6	8th	55.2	18th	2.0	1.9	2.0	2.02	2.10	2.06	84	85	85
April	737	46.7	47.9	47.3	39.3	54.6	23.6	5th	59.0	18th	2.2	2.1	2.2	2.68	2.82	2.75	85	86	86
May	757	51.6	48.9	50.3	40.0	58.0	30.0	16th	67.0	24th	3.7	2.3	3.0	2.91	2.91	2.91	76	84	80
June	29.879	58.1	56.5	57.3	47.5	64.9	38.0	1st	78.6	9th	3.6	2.7	3.2	3.79	3.79	3.79	78	83	81
July	30.005	59.9	58.3	59.1	47.7	68.0	40.0	25, 30	75.0	11th	4.3	3.4	3.8	3.86	3.86	3.86	75	79	77
August	29.840	60.2	57.2	58.7	50.5	67.3	39.0	25th	79.4	12th	2.9	1.4	2.2	4.29	4.26	4.28	83	91	87
September	922	56.6	54.9	55.8	48.4	65.2	35.0	29th	80.0	6th	2.1	1.2	1.7	3.97	3.97	3.97	86	93	90
October	724	51.6	51.0	51.3	45.4	57.5	36.0	13th	75.0	4th	1.8	1.4	1.6	3.35	3.38	3.37	88	90	89
November	697	41.5	43.2	42.4	36.3	48.0	19.0	29th	58.0	2nd	1.1	1.0	1.1	2.39	2.57	2.48	91	92	92
December	29.764	44.9	44.9	44.9	39.0	49.8	24.0	31st	56.0	11th	1.8	2.1	2.0	2.56	2.51	2.54	87	85	86
Year	29.828	49.5	49.0	49.2	41.7	56.3	—	—	—	—	2.2	1.9	2.1	3.04	3.08	3.06	84.1	87.0	85.6

SEAHAM

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

1898.	Mean Pressure at 32° Fahr.	Air Temperature.								Humidity.									
		9 a.m.			Means of		Absolute Min. and Max.			Dep. of Wet-Bulb.			Tension of Vapour.			Percentage.			
		9 a.m.	9 p.m.	Mean.	Mi n.		Min.			9 a.m.			9 a.m.			9 a.m.			
					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. 30.012	44.3	43.7	44.0	39.1	49.2	32.2	16th	58.3	30th	1.9	1.7	1.8	2.52	2.52	2.52	86.1	87.6	86.9
February	29.633	40.2	39.4	39.8	35.2	45.7	24.4	21st	59.6	1st	2.4	2.4	2.4	2.05	1.96	2.01	81.4	80.6	81.0
March	733	41.5	40.0	40.8	35.2	46.7	28.4	9th	59.0	18th	2.9	2.3	2.6	2.07	2.06	2.07	78.5	82.2	80.4
April	699	47.9	44.8	46.4	40.2	52.3	28.9	5th	67.9	8th	2.9	1.8	2.4	2.68	2.58	2.63	80.2	86.2	83.2
May	675	50.0	46.5	48.3	41.4	53.5	35.0	14th	63.0	29th	3.5	1.9	2.7	2.78	2.73	2.76	77.5	86.0	81.8
June	791	55.9	52.6	54.3	47.3	59.8	36.4	15th	72.8	20th	3.4	2.1	2.8	3.55	3.45	3.50	79.4	86.5	83.0
July	912	60.4	56.4	58.4	50.2	65.3	41.9	20th	74.8	21st	5.9	3.1	4.5	3.57	3.65	3.67	67.9	81.0	74.5
August	781	61.8	58.0	59.9	52.7	67.4	45.0	25th	80.6	12th	5.0	2.3	3.7	4.04	4.20	4.12	73.0	86.1	79.6
September	880	61.4	56.5	59.0	51.1	66.5	40.4	24th	83.6	17th	5.1	2.7	3.9	3.99	3.90	3.95	71.5	83.3	77.4
October	665	53.7	51.3	52.5	47.7	57.5	41.5	11th	69.5	4th	1.7	1.3	1.5	3.68	3.46	3.57	88.6	90.7	89.7
November	635	44.8	45.1	45.0	39.8	50.0	27.5	22nd	61.1	2nd	1.5	1.5	1.5	2.68	2.71	2.70	88.7	88.4	88.6
December	29.692	45.6	44.0	44.8	39.2	49.6	27.4	31st	59.2	5th	2.3	2.3	2.3	2.61	2.44	2.53	83.0	83.0	83.0
Year	29.759	50.6	48.2	49.4	43.3	55.3	—	—	—	—	3.2	2.1	2.7	3.02	2.98	3.00	79.7	85.1	82.4

GLENLEE.

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

				Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
1898.	Amount of Cloud.			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		
	9 a.m.	9 p.m.	Mean.																					
January	—	—	—	ins. 4'810	ins. 8'20	18th	23	0	0	1	—	—	1	0	0	0	5	10	19	15	1	12		
February	—	—	—	6'480	7'60	25th	21	4	1	0	—	—	4	9	0	0	2	2	10	19	9	5		
March	—	—	—	2'040	3'70	13th	17	5	0	0	—	—	0	14	3	0	1	1	14	9	5	15		
April	—	—	—	4'580	8'20	9th	19	1	0	1	—	—	0	1	0	12	7	10	7	4	3	16		
May	—	—	—	2'700	7'90	10th	20	0	1	2	—	—	1	4	5	6	8	7	3	6	16	7		
June	—	—	—	2'860	6'80	23rd	19	0	0	3	—	—	0	4	2	9	7	8	11	6	5	8		
July	—	—	—	0'890	2'60	18th	9	0	1	0	—	—	0	7	2	2	4	2	8	19	5	13		
August	—	—	—	6'680	9'10	30th	22	0	0	3	—	—	0	0	1	1	2	12	8	16	3	19		
September	—	—	—	4'040	7'20	29th	16	0	0	0	—	—	0	2	0	1	2	9	10	10	0	26		
October	—	—	—	4'260	9'30	25th	19	0	0	1	—	—	0	0	7	11	1	7	4	10	0	22		
November	—	—	—	6'660	2'710	2nd	18	3	0	2	—	—	2	5	0	2	8	8	7	9	3	16		
December	—	—	—	8'410	1'090	1st	28	1	1	1	—	—	4	2	0	1	4	12	18	12	1	12		
Year	—	—	—	54'410	—	—	231	14	4	14	—	—	12	48	20	45	51	88	119	135	51	173		

DURHAM

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

1898.	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.			Tension of Vapour.			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. 29.765	42.9	42.6	42.8	37.4	48.7	28.0	25th	57.7	30th	1.6	1.3	1.5	in. 246	250	248	88.2	90.3	89.3		
February	401	38.2	38.1	38.2	32.5	45.2	19.9	21st	59.9	1st	1.9	1.8	1.9	198	197	198	83.8	84.9	84.4		
March	503	39.1	37.8	38.5	31.9	46.3	22.9	8th	57.4	18th	2.2	1.5	1.9	200	201	201	82.8	87.1	85.0		
April	467	46.7	43.8	45.3	37.9	53.7	25.9	5th	66.5	8th	2.6	1.5	2.1	262	254	258	82.6	88.7	85.7		
May	439	49.9	45.5	47.7	39.3	55.1	30.2	15th	64.4	7th	3.3	1.4	2.4	283	273	278	79.1	89.4	84.3		
June	568	57.2	52.1	54.7	46.2	63.7	35.1	1st	76.5	17, 29	3.1	1.4	2.3	383	357	370	81.4	91.1	86.3		
July	687	60.5	55.4	58.0	48.0	67.9	36.4	20th	75.4	15th	4.5	1.9	3.2	393	390	392	74.3	88.1	81.2		
August	560	61.2	57.3	59.3	50.8	68.9	41.4	25th	81.1	12th	3.7	1.6	2.7	427	429	428	78.5	90.0	84.3		
September	657	59.2	56.1	57.7	49.7	66.9	35.8	24th	84.8	4th	3.9	2.4	3.2	398	394	396	77.1	84.8	81.0		
October	436	51.7	50.0	50.9	45.5	57.5	40.0	11th	70.2	3rd	1.2	0.8	1.0	354	343	349	91.9	94.6	93.3		
November	408	42.7	43.3	43.0	37.2	48.9	23.9	29th	60.2	2, 3	0.7	0.6	0.7	263	274	269	93.0	94.9	94.0		
December	29.468	44.1	43.0	43.6	37.2	49.2	22.5	31st	58.2	5th	1.4	1.3	1.4	265	256	261	89.1	89.7	89.4		
Year	29.530	49.5	47.1	48.3	41.1	56.0	—	—	—	—	2.5	1.5	2.0	306	302	304	83.5	89.5	86.5		

GILCRUX

Long. 3° 23' W. Lat. 54° 44' N. Height above Mean Sea Level, 261 feet. Gravity Correction, +.024 in.

January	ins. 29.868	44.7	44.9	44.8	41.6	47.9	32.0	23rd	53.2	30th	1.4	1.3	1.4	in. 266	271	269	89.4	90.2	89.8		
February	527	38.3	39.0	38.7	34.8	44.7	24.8	22nd	52.8	1st	1.6	1.6	1.6	203	208	206	84.3	86.1	85.2		
March	615	38.5	38.3	38.4	33.9	45.5	26.0	8th	52.0	18th	1.7	1.4	1.6	202	207	205	85.4	87.7	86.6		
April	534	46.8	45.4	46.1	41.0	53.3	28.3	5th	62.0	8th	2.4	1.8	2.1	266	265	266	83.2	87.6	85.4		
May	532	50.2	46.9	48.6	40.9	55.9	32.4	14th	67.0	23rd	3.1	1.8	2.5	290	280	285	79.5	87.0	83.3		
June	654	56.4	53.8	55.1	48.4	62.2	39.5	1st	72.0	10th	3.5	2.4	3.0	360	352	356	78.8	84.6	81.7		
July	29.798	58.2	55.6	56.9	49.8	64.2	41.4	20th	70.9	11th	4.0	2.7	3.4	372	370	371	76.5	83.2	79.9		
August	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
September	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
October	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
November	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
December	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

ROUNTON

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

January	ins. 29.925	43.0	42.9	43.0	38.4	48.1	30.6	9th	56.1	30th	1.4	1.4	1.4	in. 246	245	246	89	89	89		
February	542	38.1	37.8	37.9	32.4	44.6	21.7	21st	56.5	1st	1.8	1.6	1.7	194	196	195	84	86	85		
March	626	38.3	36.3	37.3	30.8	45.6	21.7	8th	57.5	18th	2.0	1.3	1.7	193	188	190	84	88	86		
April	597	46.8	43.4	45.1	37.9	53.2	23.2	5th	65.8	8th	2.6	1.7	2.1	260	244	252	81	87	84		
May	560	49.2	45.1	47.2	38.7	54.5	28.1	18th	62.8	22nd	3.0	1.4	2.2	277	267	272	79	89	84		
June	694	55.6	52.1	53.8	45.9	61.8	33.6	15th	71.8	17th	3.1	2.0	2.6	356	336	346	80	86	83		
July	811	58.9	54.8	56.9	46.8	66.5	35.8	20th	76.8	15th	5.0	2.7	3.8	353	355	354	71	83	77		
August	685	60.1	56.7	58.4	50.0	67.7	39.0	25th	79.8	12th	3.9	2.1	3.0	400	399	400	77	87	82		
September	785	59.0	55.7	57.3	49.1	66.6	34.1	24th	81.8	17th	3.3	1.7	2.5	399	394	396	80	89	85		
October	553	52.2	49.8	51.0	45.3	58.1	36.1	11th	72.3	3rd	2.0	1.5	1.8	338	319	329	86	89	87		
November	535	42.7	43.2	43.0	37.9	48.3	24.2	29th	58.8	2, 3	1.0	1.1	1.0	252	255	253	92	91	92		
December	29.622	43.8	42.6	43.2	37.6	48.5	23.5	31st	58.8	5th	2.0	2.0	2.0	241	231	236	84	85	84		
Year	29.661	49.0	46.7	47.8	40.9	55.3	—	—	—	—	2.6	1.7	2.2	292	286	289	82.3	87.4	84.9		

DURHAM.

Heights above Ground:—Barometer, 16 feet. Thermometers, 4 feet 8 inches. Rain-gauge, 3 feet 11 inches.

1898.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	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	8.7	7.3	8.0	ins. 0.998	ins. 3.99	3rd	11	0	0	0	1	19	2	0	0	0	0	5	14	13	1	29
February	7.7	6.9	7.3	0.752	0.91	20th	20	10	3	0	2	14	5	5	1	0	0	3	11	21	10	5
March	7.3	6.5	6.9	1.956	6.10	26th	16	10	4	0	3	11	4	4	8	1	0	1	7	8	11	22
April	8.9	7.0	8.0	2.034	5.05	28th	17	0	0	0	0	18	1	1	2	4	3	14	12	7	3	14
May	8.5	7.1	7.8	1.625	3.75	21st	21	0	1	4	0	19	0	5	5	1	3	4	2	7	6	29
June	8.9	8.9	8.9	1.529	2.94	6th	16	0	0	3	0	23	0	4	6	1	0	4	11	5	4	25
July	7.7	6.9	7.3	0.645	2.22	22nd	10	0	0	2	0	15	0	6	2	0	0	1	3	12	13	25
August	8.2	7.0	7.6	1.781	5.18	5th	16	0	0	1	1	13	2	2	1	3	1	8	14	8	3	22
September	7.7	6.8	7.3	0.315	2.47	29th	6	0	0	2	2	13	3	0	1	0	1	10	18	7	5	18
October	8.4	8.4	8.4	4.855	1.175	17th	23	0	0	0	2	22	2	0	4	13	4	6	12	6	2	15
November	8.6	9.0	8.8	3.046	7.70	28th	23	5	1	0	0	20	3	5	1	1	3	10	17	6	3	14
December	8.3	5.8	7.1	1.198	3.95	29th	17	2	0	0	2	14	7	0	1	0	0	6	27	12	9	7
Year	8.2	7.3	7.8	20.734	—	—	196	27	9	12	13	201	29	32	32	24	15	72	148	112	70	225

GILCRUX.

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

		Heights in fathoms				Heights in fathoms				Heights in fathoms				Heights in fathoms				Heights in fathoms				Heights in fathoms			
		ins.				ins.				ins.				ins.				ins.				ins.			
		3'890				3'585				3'585				3'585				3'585				3'585			
		3'520				3'320				3'320				3'320				3'320				3'320			
		1'980				1'515				1'515				1'515				1'515				1'515			
		3'990				1'785				1'785				1'785				1'785				1'785			
		3'340				1'700				1'700				1'700				1'700				1'700			
		2'960				1'125				1'125				1'125				1'125				1'125			
		1'110				2'215				2'215				2'215				2'215				2'215			
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AYSGARTH

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

1898.	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.			Tension of Vapour.			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° 466	43° 0	42° 8	42° 9	39° 3	47° 1	29° 2	10th	53° 9	30th	2° 0	1° 7	1° 9	in. 238	in. 243	in. 241	% 85.2	% 86.7	% 86.0		
February	.095	37° 4	37° 4	37° 4	32° 9	43° 1	24° 0	25th	54° 0	1st	2° 3	2° 2	2° 3	181	183	182	78.6	79.4	79.0		
March	.173	37° 1	36° 3	36° 7	31° 4	43° 7	23° 2	8th	52° 3	18th	2° 3	2° 0	2° 2	180	178	179	80.2	80.8	80.5		
April	.142	44° 7	43° 4	44° 1	37° 4	51° 5	25° 0	5th	64° 4	8th	2° 9	2° 4	2° 7	235	234	235	79° 3	82.4	80.9		
May	.116	48° 3	44° 4	46° 4	39° 4	53° 6	34° 0	13, 17	60° 5	7th	4° 2	2° 4	3° 3	247	242	245	72° 9	82.2	77.6		
June	.250	55° 6	51° 2	53° 4	45° 7	60° 9	34° 5	1st	68° 5	17th	4° 2	2° 2	3° 2	333	322	328	74° 9	84.7	79.8		
July	.371	58° 7	54° 7	56° 7	47° 5	65° 2	38° 0	20th	73° 8	11th	5° 7	3° 2	4° 5	339	344	342	68° 1	79.6	73.9		
August	.245	59° 5	56° 1	57° 8	50° 2	65° 9	42° 0	29th	78° 3	12th	4° 0	2° 1	3° 1	395	395	395	77° 0	86.5	81.8		
September	.341	57° 0	54° 5	55° 8	48° 4	64° 1	34° 0	24th	79° 5	4th	3° 1	2° 2	2° 7	389	377	383	81° 4	85.7	83.6		
October	.099	50° 7	49° 2	50° 0	45° 3	55° 4	38° 8	25th	67° 5	3rd	1° 9	1° 5	1° 7	324	315	320	87° 3	89.2	88° 3		
November	.084	42° 2	42° 5	42° 4	37° 7	47° 6	23° 3	23rd	58° 3	16th	1° 6	1° 6	1° 6	242	245	244	86° 2	86° 8	86° 5		
December	29° 170	42° 6	42° 4	42° 5	38° 0	47° 2	22° 5	31st	57° 2	5th	1° 9	2° 3	2° 1	239	227	233	83° 8	80° 5	82° 2		
Year	29° 213	48° 1	46° 2	47° 2	41° 1	53° 8	—	—	—	—	3° 0	2° 2	2° 6	279	275	277	79° 6	83° 7	81° 7		

SCARBOROUGH

Long. 0° 24' W. Lat. 54° 18' N. Height above Mean Sea Level, 219 feet. Gravity Correction, + '025 in.

	ins.													in.	in.	in.	%	%	%
January	29.979	43.3	43.4	43.4	39.3	47.9	31.3	17, 23	56.1	30th	1.6	1.4	1.5	249	253	251	88.3	89.3	88.8
February	.586	39.3	39.5	39.4	33.5	45.2	23.4	20th	55.3	15th	2.4	2.1	2.3	197	204	201	81.0	82.8	81.9
March	.656	40.0	39.0	39.5	32.9	45.8	28.6	24th	54.0	18th	2.3	1.9	2.1	203	204	204	81.5	84.3	82.9
April	.662	46.6	43.6	45.1	39.7	51.0	31.3	1, 5	65.7	8th	2.7	2.2	2.5	261	240	251	81.8	84.2	83.0
May	.609	49.2	45.5	47.4	41.3	54.0	36.4	17th	62.3	30th	2.7	1.5	2.1	286	272	279	82.1	88.5	85.3
June	.734	55.8	52.9	54.4	47.6	60.3	37.3	1st	72.7	29th	3.1	2.3	2.7	363	345	354	81.4	85.3	83.4
July	.852	58.8	55.3	57.1	49.5	64.4	41.2	20th	72.9	12th	4.6	2.8	3.7	367	363	365	74.1	82.8	78.5
August	.744	60.4	57.1	58.8	52.6	65.9	44.3	29th	79.6	22nd	3.5	2.0	2.8	420	415	418	80.1	88.1	84.1
September	.837	60.1	55.9	58.0	51.2	66.4	40.3	29th	81.5	17th	4.0	2.6	3.3	409	383	396	77.4	83.9	80.7
October	.604	53.4	51.6	52.5	48.3	57.0	41.2	11th	65.3	2nd	1.9	1.4	1.7	358	346	352	87.5	90.2	88.9
November	.597	44.9	44.6	44.8	39.8	50.5	27.9	22nd	59.8	3rd	0.9	0.7	0.8	282	286	284	93.1	94.7	93.9
December	29.666	43.7	43.4	43.6	37.8	49.0	28.0	31st	58.9	5th	1.1	1.3	1.2	269	260	265	91.6	89.8	90.7
Year	29.711	49.6	47.7	48.7	42.8	54.8	—	—	—	—	2.6	1.9	2.3	305	298	302	83.3	87.0	85.2

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	30.039	47.2	47.5	47.4	43.4	50.1	31.9	1st	55.4	30th	1.0	0.9	1.0	.304	.309	.307	93.2	93.2	93.2	
February	29.717	42.1	40.8	41.5	36.6	46.4	26.0	24th	53.6	1st	1.9	1.4	1.7	.233	.228	.231	85.3	88.4	86.9	
March	.781	43.7	39.6	41.7	35.0	47.5	27.0	8th	54.7	18th	2.0	1.0	1.5	.244	.226	.235	85.3	91.6	88.5	
April	.685	48.3	45.9	47.1	41.4	52.7	27.8	5th	57.6	9th	1.3	0.7	1.0	.308	.293	.301	91.0	94.6	92.8	
May	.687	52.1	47.4	49.8	43.1	56.7	33.0	15th	64.2	25th	1.8	0.6	1.2	.344	.316	.330	88.0	95.7	91.9	
June	.810	57.5	53.7	55.6	47.9	62.2	41.7	1st	71.5	9, 10	2.5	1.4	2.0	.403	.377	.390	85.2	91.1	88.2	
July	.965	61.1	54.9	58.0	50.1	66.2	43.0	26, 30	72.3	11th	3.8	1.5	2.7	.422	.390	.406	78.3	89.9	84.1	
August	.801	60.7	56.9	58.8	52.4	64.8	42.4	7th	72.4	16th	2.3	1.0	1.7	.460	.439	.450	86.4	93.5	90.0	
September	.881	59.1	55.9	57.5	51.0	62.8	40.9	28th	73.5	5th	2.0	1.2	1.6	.447	.418	.433	88.0	91.9	90.0	
October	.636	54.1	51.8	53.0	47.6	57.4	36.7	12th	65.8	4th	1.4	0.8	1.1	.382	.368	.375	90.5	94.5	92.5	
November	.632	47.2	46.9	47.1	41.8	50.9	26.0	29th	58.0	3rd	1.2	1.0	1.1	.303	.305	.304	91.5	92.5	92.0	
December	29.742	47.6	47.3	47.5	43.5	50.7	30.4	30th	55.4	5th	0.9	0.9	0.9	.314	.307	.311	93.7	93.3	93.5	
Year	29.781	51.7	49.1	50.4	44.5	55.7	—	—	—	—	1.8	1.0	1.4	.347	.331	.339	88.0	92.5	90.3	

AYSGARTH.

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

1898.		Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
		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	-	7.6	7.1	7.4	ins. 2.450	ins. .550	2nd	14	0	0	0	0	14	4	1	2	0	0	2	36	14	2	5	
February	-	6.1	5.5	5.8	3.460	.490	13th	19	10	5	0	2	4	5	6	0	0	1	0	18	17	11	3	
March	-	5.5	3.8	4.7	1.930	.370	28th	15	9	2	0	7	7	5	5	11	2	3	1	9	11	8	12	
April	-	7.2	5.8	6.5	2.830	.450	28th	19	1	1	1	3	13	2	2	7	8	7	5	18	5	4	4	
May	-	6.7	5.9	6.3	2.590	.740	21st	16	1	1	1	1	9	1	2	12	10	1	0	11	14	5	7	
June	-	7.4	6.8	7.1	2.020	.360	6th	14	0	1	2	1	13	1	3	7	6	4	0	18	13	1	8	
July	-	6.0	5.6	5.8	1.630	.950	22nd	7	0	0	1	3	8	4	5	10	1	2	3	20	7	8	6	
August	-	7.0	6.1	6.6	4.480	.950	5th	18	0	0	4	3	11	3	1	6	5	3	3	27	5	4	8	
September	-	6.6	4.5	5.6	0.870	.510	29th	8	0	1	2	5	8	0	1	2	5	4	0	21	7	3	17	
October	-	6.9	6.3	6.6	5.520	1.000	17th	18	0	0	1	4	13	5	1	5	14	6	3	19	3	0	11	
November	-	7.0	6.8	6.9	3.240	.460	24th	16	3	1	0	1	12	4	4	3	4	6	3	15	3	4	18	
December	-	7.5	5.9	6.7	5.600	.910	26th	21	3	0	0	2	10	15	2	0	2	0	2	32	16	4	4	
Year	-	6.8	5.8	6.3	36.620	—	—	185	27	12	12	32	122	49	33	65	57	37	22	244	115	54	103	

HEYSHAM (MORECAMBE BAY)

Long. 2° 54' W. Lat. 54° 3' N. Height above Mean Sea Level, 95 feet. Gravity Correction, +.024 in.

1898.	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.			Tension of Vapour.			Percentage.				
					Min.	Max.	Min.	Day.	Max.	Day.											
											in.	ins.	in.	in.	in.	%	%	%			
January	30°105	42°8	43°4	43°1	40°1	46°7	30°0	10th	51°0	19th	0°7	0°7	0°7	.263	.271	.267	94°7	95°2	95°0		
February	29°753	40°0	39°8	39°9	36°3	46°3	26°0	24th	52°2	1st	1°7	1°6	1°7	.216	.215	.216	85°6	85°9	85°8		
March	.810	39°6	38°9	39°3	34°3	47°6	26°0	8th	52°7	21st	2°0	1°7	1°9	.206	.207	.207	83°4	85°9	84°7		
April	.747	47°6	45°5	46°6	40°6	54°3	27°2	5th	66°6	8th	2°5	1°8	2°2	.273	.266	.270	83°1	87°3	85°2		
May	.720	52°2	48°8	50°5	44°2	58°1	36°0	15th	70°0	24th	3°9	2°3	3°1	.297	.291	.294	75°6	83°8	79°7		
June	.846	58°3	55°5	56°9	49°7	64°5	41°9	14th	76°5	10th	3°7	2°3	3°0	.381	.378	.380	78°0	85°6	81°8		
July	.982	61°1	57°3	59°2	51°1	67°9	42°6	17th	74°3	25th	4°4	2°4	3°4	.404	.402	.403	75°3	85°1	80°2		
August	.836	62°4	59°2	60°8	53°9	68°4	46°0	8, 25	78°9	12th	3°3	2°5	2°9	.458	.431	.445	81°3	85°0	83°2		
September	.934	59°0	56°8	57°9	52°5	66°4	38°0	24th	80°0	5th	2°5	1°6	2°1	.431	.424	.428	84°5	89°6	87°1		
October	.690	52°4	51°6	52°0	48°0	58°5	38°0	12th	71°0	4th	1°6	1°5	1°6	.353	.345	.349	89°5	89°4	89°5		
November	.688	43°7	44°8	44°3	40°4	50°2	26°0	29th	60°0	9th	1°1	1°3	1°2	.268	.275	.272	91°1	89°7	90°4		
December	29°804	44°1	44°3	44°2	40°5	48°0	25°7	31st	56°2	5th	1°0	1°3	1°2	.273	.268	.271	92°0	90°1	91°1		
Year	29°826	50°3	48°8	49°6	44°3	56°4	—	—	—	—	2°4	1°8	2°1	.319	.314	.317	84°5	87°7	86°1		

YORK

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

	ins.													in.	in.		%	%	%
January	30.164	43.4	44.7	44.1	39.7	48.3	29.8	23rd	58.0	30th	1.7	1.6	1.7	.251	.264	.258	88.4	88.6	88.5
February	29.779	39.0	39.5	39.3	34.3	46.3	24.9	21, 25	57.0	1st	2.1	2.1	2.1	.200	.204	.202	82.5	83.3	82.9
March	.836	39.2	39.4	39.3	33.0	47.0	26.0	7, 9	58.0	18th	2.2	2.0	2.1	.200	.205	.203	82.2	83.4	82.8
April	.821	46.9	46.1	46.5	39.2	54.4	26.5	1st	67.4	8th	3.0	2.6	2.8	.256	.255	.256	79.3	81.3	80.3
May	.774	51.1	48.0	49.6	41.5	56.9	34.0	13th	66.8	22nd	4.1	2.5	3.3	.278	.278	.278	74.0	82.9	78.5
June	29.906	58.1	54.7	56.4	47.7	64.7	34.6	1st	74.0	17th	4.5	3.0	3.8	.361	.350	.356	73.9	80.9	77.4
July	30.031	60.5	57.4	59.0	49.5	68.3	40.0	30th	78.0	15th	5.3	3.6	4.5	.372	.372	.372	70.6	78.3	74.5
August	29.912	61.6	59.7	60.7	52.1	69.4	44.8	24th	82.8	12th	4.4	2.9	3.7	.415	.429	.422	75.6	83.1	79.4
September	30.016	59.6	57.6	58.6	50.3	68.0	36.7	29th	84.0	17th	3.7	2.3	3.0	.409	.418	.414	78.4	85.5	82.0
October	29.767	52.0	52.2	52.1	47.0	58.6	36.4	13th	71.0	2nd	2.0	1.9	2.0	.337	.343	.340	86.6	87.5	87.1
November	.761	43.7	45.2	44.5	40.1	49.3	28.2	29th	61.0	2, 3	1.2	1.4	1.3	.262	.276	.269	90.2	89.4	89.8
December	29.868	44.6	43.9	44.3	39.2	49.5	27.0	31st	59.8	5th	2.3	2.2	2.3	.251	.245	.248	82.4	83.7	83.1
Year	29.886	50.0	49.0	49.5	42.8	56.7	—	—	—	—	3.0	2.3	2.7	.299	.303	.301	80.3	84.0	82.2

STONYHURST

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

	ins.													in.	in.				
January	29.840	43.0	43.7	43.4	40.3	46.8	32.1	9, 10	52.8	19, 30	1.2	1.3	1.3	.255	.260	.258	91.1	90.1	90.6
February	.478	38.8	39.0	38.9	34.8	43.9	25.5	21st	53.2	1st	2.0	2.0	2.0	.200	.201	.201	82.2	82.2	82.2
March	.531	38.1	37.9	38.0	33.0	44.4	26.3	9th	54.0	18th	2.0	2.1	2.1	.194	.190	.192	83.1	81.8	82.5
April	.481	46.5	44.7	45.6	39.6	52.1	27.6	5th	62.6	8th	3.1	2.4	2.8	.250	.246	.248	78.9	83.1	81.0
May	.451	50.6	47.6	49.1	42.6	54.9	36.1	16th	65.6	24th	4.2	3.0	3.6	.270	.263	.267	73.2	79.5	76.4
June	.587	57.4	54.3	55.9	48.2	62.0	36.9	1st	71.3	9, 10	4.4	2.9	3.7	.352	.345	.349	74.0	81.2	77.6
July	.723	59.3	56.2	57.8	50.4	64.1	45.3	30th	70.0	9th	5.0	3.2	4.1	.363	.364	.364	71.8	79.9	75.9
August	.588	60.4	58.2	59.3	53.2	65.9	45.3	7th	77.4	12th	3.8	2.9	3.4	.412	.405	.409	78.0	82.2	80.1
September	.686	57.5	56.2	56.9	51.2	64.0	37.0	24th	77.3	5th	2.7	2.2	2.5	.403	.400	.402	83.2	86.0	84.6
October	.430	50.7	50.5	50.6	47.2	55.7	35.5	12th	66.6	3rd	1.5	1.7	1.6	.333	.326	.330	89.6	88.1	88.9
November	.428	43.2	44.2	43.7	40.2	47.9	25.6	29th	57.8	2nd	1.2	1.6	1.4	.258	.262	.260	90.0	87.6	88.8
December	29.548	43.7	43.6	43.7	39.9	48.0	27.3	31st	59.3	6th	1.5	1.7	1.6	.259	.251	.255	88.2	86.2	87.2
Year	29.564	49.0	48.0	48.5	43.4	54.1	—	—	—	—	2.7	2.3	2.5	.296	.293	.295	81.9	84.0	83.0

HEYSHAM (MORECAMBE BAY).

Heights above Ground:—Barometer, —15 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

1898.	Amount of Cloud.			Rainfall.			Weather, No of Days of							Wind, No. of Observations of										
	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	-	-	9.5	9.2	9.4	ins. 3.850	ins. .810	2nd	17	0	0	0	0	27	1	0	2	0	13	2	29	0	6	10
February	-	-	7.5	5.8	6.7	2.710	.290	19th	21	2	3	0	2	10	2	0	1	1	4	0	15	3	22	10
March	-	-	6.8	4.5	5.7	1.010	.240	15th	12	3	1	0	8	12	5	5	10	1	7	0	6	0	14	19
April	-	-	8.2	5.7	7.0	2.680	.650	9th	14	0	0	2	2	15	1	0	0	2	26	0	9	3	8	12
May	-	-	6.2	8.5	7.4	2.980	.560	10th	19	0	0	1	2	17	1	0	10	2	8	1	6	0	27	8
June	-	-	7.6	6.5	7.1	2.500	.560	23rd	14	0	0	3	4	16	0	0	6	0	10	0	16	0	18	10
July	-	-	6.7	6.2	6.5	0.390	.230	18th	6	0	0	1	2	12	0	0	2	0	2	0	13	2	35	8
August	-	-	7.9	6.1	7.0	5.840	1.060	9th	17	0	0	3	3	15	4	0	3	3	11	0	26	1	9	9
September	-	-	7.8	5.4	6.6	1.690	.460	29th	12	0	1	1	4	13	1	1	2	5	14	1	15	1	8	13
October	-	-	7.8	7.0	7.4	4.630	.590	17th	17	0	0	2	5	19	1	0	10	3	25	0	12	0	5	7
November	-	-	8.4	7.4	7.9	4.230	.970	1st	18	2	0	0	0	17	3	0	13	1	22	0	10	0	4	10
December	-	-	8.6	7.0	7.8	3.860	.960	26th	28	0	1	0	2	20	2	0	2	1	19	0	25	0	12	3
Year	-	-	7.8	6.6	7.2	36.370	—	—	195	7	6	13	34	193	21	6	61	19	161	4	182	10	168	119

WAKEFIELD

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

1898.	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.			Tension of Vapour.			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° 133	43° 7	44° 9	44° 3	39° 8	49° 0	28° 4	17th	57° 1	30th	1° 8	1° 8	1° 8	in. 2° 45	2° 57	2° 51	86	86	86	
February	29° 757	40° 5	40° 2	40° 4	34° 8	46° 5	23° 0	21st	58° 5	1st	2° 1	1° 9	2° 0	2° 09	2° 10	2° 10	83	84	84	
March	° 802	39° 6	38° 3	38° 9	32° 5	46° 5	24° 0	7th	58° 5	18th	2° 6	1° 9	2° 3	1° 93	1° 94	1° 93	79	84	81	
April	° 776	47° 9	46° 0	47° 0	38° 5	54° 4	27° 2	5th	67° 4	8th	3° 9	2° 8	3° 3	2° 44	2° 47	2° 46	73	79	76	
May	° 732	50° 8	48° 5	49° 6	42° 0	56° 5	34° 0	15th	64° 4	22, 23, 24	4° 2	2° 8	3° 5	2° 69	2° 73	2° 71	73	80	77	
June	° 865	57° 8	55° 3	56° 6	47° 8	64° 6	35° 0	15th	71° 4	9, 10, 17	4° 5	3° 2	3° 9	3° 51	3° 48	3° 49	73	80	76	
July	° 989	60° 2	58° 2	59° 2	49° 1	67° 8	41° 0	30th	76° 4	15th	5° 4	3° 7	4° 5	3° 61	3° 77	3° 69	69	78	74	
August	° 870	61° 6	59° 8	60° 7	51° 7	69° 5	41° 0	8th	83° 4	22nd	4° 7	3° 2	4° 0	4° 01	4° 18	4° 10	73	81	77	
September	° 971	59° 3	57° 0	58° 1	49° 2	67° 8	32° 4	29th	83° 4	17th	3° 9	2° 4	3° 1	3° 86	3° 94	3° 90	76	85	80	
October	° 720	51° 9	51° 5	51° 7	45° 2	58° 8	34° 0	13th	69° 6	4th	2° 0	2° 0	2° 0	3° 34	3° 28	3° 31	87	86	87	
November	° 722	44° 6	45° 5	45° 1	40° 0	50° 0	25° 0	22nd	61° 6	2nd	1° 7	1° 9	1° 8	2° 56	2° 61	2° 58	87	86	86	
December	29° 842	45° 3	45° 0	45° 1	38° 7	50° 4	24° 0	31st	60° 8	5th	2° 5	2° 7	2° 6	2° 46	2° 39	2° 43	81	80	81	
Year	29° 848	50° 3	49° 2	49° 7	42° 4	56° 8	—	—	—	—	3° 3	2° 5	2° 9	2° 91	2° 96	2° 93	78° 3	82° 4	80° 4	

PRESTWICH

Long. 2° 17' W. Lat. 53° 32' N. Height above Mean Sea Level, 320 feet. Gravity Correction, +.022 in.

	ins.														in.	in.	%	%	%
January	29.881	43.1	44.2	43.7	40.3	47.1	30.8	16th	54.7	30th	1.4	1.5	1.5	2.50	2.60	2.55	88.8	88.7	88.8
February	51.9	38.2	39.0	38.6	33.8	44.5	17.4	21st	56.7	1st	1.4	1.5	1.5	2.07	2.11	2.09	88.0	87.0	87.5
March	55.3	37.7	37.9	37.8	32.7	44.9	25.9	11th	54.8	17, 18	1.5	1.5	1.5	1.99	2.02	2.01	86.5	87.4	87.0
April	51.6	47.1	45.0	46.1	39.2	53.6	27.8	5th	65.3	8th	3.3	2.3	2.8	2.53	2.50	2.52	78.0	83.5	80.8
May	47.4	50.6	47.4	49.0	42.2	55.6	33.8	13th	63.9	22, 24	3.5	2.0	2.8	2.86	2.83	2.85	77.7	86.1	81.9
June	61.7	57.5	54.5	56.0	47.7	63.4	35.8	1st	71.8	10th	4.2	2.8	3.5	3.60	3.52	3.56	75.5	82.3	78.9
July	75.2	59.4	56.4	57.9	50.1	66.4	42.3	30th	73.0	21st	4.6	2.6	3.6	3.76	3.83	3.80	74.1	83.5	78.8
August	62.0	61.3	58.7	60.0	52.9	68.5	44.8	25th	80.7	12th	3.5	2.3	2.9	4.36	4.31	4.34	79.9	86.1	83.0
September	71.5	59.0	56.2	57.6	50.1	66.4	34.8	24th	81.0	7th	3.3	2.0	2.7	4.11	4.06	4.09	80.3	87.2	83.8
October	45.2	51.4	50.8	51.1	46.9	56.9	34.8	12, 13	64.9	2nd	1.6	1.8	1.7	3.41	3.27	3.34	89.3	87.6	88.5
November	45.3	43.5	44.2	43.9	39.3	49.0	26.9	22nd	59.7	3rd	1.3	1.4	1.4	2.60	2.66	2.63	89.8	88.9	89.4
December	29.591	44.2	44.1	44.2	39.6	48.9	25.8	31st	58.9	2nd	1.5	1.6	1.6	2.64	2.60	2.62	88.4	87.5	88.0
Year	29.595	49.4	48.2	48.8	42.9	55.4	—	—	—	—	2.6	1.9	2.3	3.04	3.03	3.04	83.0	86.3	84.7

MANCHESTER

Long. 2° 13' W. Lat. 53° 29' N. Height above Mean Sea Level, 190 feet. Gravity Correction, +.022 in.

	ins.													in.	in.	in.	%	%	%
January	30.042	44.7	46.1	45.4	42.3	48.7	33.0	16th	56.0	30th	2.0	2.3	2.2	.254	.263	.259	85.2	83.5	84.4
February	29.682	39.6	41.0	40.3	36.3	45.6	24.6	22nd	57.3	1st	2.1	2.2	2.2	.205	.214	.210	82.4	81.9	82.2
March	.714	38.6	40.6	39.6	35.1	45.6	29.0	9th	55.7	18th	2.1	2.5	2.3	.197	.206	.202	82.6	79.9	81.3
April	.670	47.6	48.2	47.9	42.0	54.6	31.9	5th	66.0	8th	3.6	3.5	3.6	.252	.258	.255	75.9	76.5	76.2
May	.633	50.9	50.4	50.7	44.9	56.6	38.0	16th	66.7	24th	4.0	3.5	3.8	.278	.283	.281	74.6	77.2	75.9
June	.767	57.4	57.6	57.5	50.6	64.6	39.6	1st	73.6	10th	4.5	4.4	4.5	.349	.354	.352	73.8	74.2	74.0
July	.904	59.0	60.0	59.5	53.4	66.8	45.7	30th	73.2	15th	4.9	4.7	4.8	.360	.380	.370	71.6	73.3	72.5
August	.772	61.4	61.7	61.6	55.6	69.1	48.0	7th	82.3	12th	4.2	4.0	4.1	.417	.427	.422	76.3	76.9	76.6
September	.871	59.4	60.2	59.8	53.9	67.3	40.3	24th	81.5	5th	4.2	3.8	4.0	.393	.416	.405	75.6	77.6	76.6
October	.610	51.9	53.4	52.7	49.3	57.7	40.0	12th	64.8	4th	2.2	2.6	2.4	.333	.340	.337	85.6	82.7	84.2
November	.613	44.8	46.7	45.8	42.0	50.5	30.0	23rd	60.0	3rd	1.9	2.1	2.0	.260	.276	.268	85.6	84.1	84.9
December	29.755	45.7	46.1	45.9	42.1	49.9	30.8	31st	59.0	5th	2.2	2.5	2.4	.264	.260	.262	83.9	81.9	82.9
Year	29.753	50.1	51.0	50.6	45.6	56.4	—	—	—	—	3.2	3.2	3.2	.297	.306	.302	79.4	79.1	79.3

WAKEFIELD.

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

1898.		Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
		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	-	8.7	7.5	8.1	ins. 0.410	ins. .150	5th	8	0	0	0	1	18	0	0	1	0	1	8	17	13	9	13
February	-	7.8	5.3	6.6	1.180	.330	28th	14	0	0	0	0	8	0	8	0	0	0	0	13	15	13	7
March	-	8.7	5.9	7.3	0.710	.190	26th	11	3	0	1	0	14	0	13	7	0	0	2	5	8	11	16
April	-	8.1	6.2	7.1	3.120	1.350	11th	10	0	0	0	2	16	0	7	5	5	5	1	14	9	4	10
May	-	8.3	7.9	8.1	2.090	.480	20th	15	0	0	0	0	14	0	8	9	0	3	2	3	14	12	11
June	-	9.1	7.4	8.3	1.420	.480	21st	10	0	1	2	0	17	0	10	7	2	2	2	13	10	4	10
July	-	8.0	6.6	7.3	1.000	.500	22nd	6	0	0	0	0	10	0	13	5	0	0	1	5	22	11	5
August	-	8.2	6.4	7.3	3.420	.650	27th	14	0	0	1	1	14	0	1	5	4	4	4	16	11	6	11
September	-	7.3	4.0	5.6	0.370	.300	29th	3	0	0	0	3	8	0	6	2	1	6	2	7	15	4	17
October	-	8.1	6.0	7.1	3.340	.900	16th	14	0	0	0	2	14	0	6	14	6	8	2	6	9	2	9
November	-	8.0	8.1	8.0	2.390	.740	23rd	11	2	0	0	1	19	0	8	4	2	8	6	3	7	4	18
December	-	7.8	5.4	6.6	2.060	.370	26th	13	1	0	0	2	12	2	1	1	3	3	10	13	17	5	9
Year	-	8.2	6.4	7.3	21.510	—	—	129	6	1	4	12	164	2	81	60	23	40	40	115	150	85	136

BIDSTON OBSERVATORY (LIVERPOOL)

Long. 3° 4' W. Lat. 53° 24' N. Height above Mean Sea Level, 188 feet. Gravity Correction, +.022 in.

1898	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.			Tension of Vapour.			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. 30.018	44.5	44.7	44.6	39.7	48.0	29.9	17th	56.0	30th	2.3	1.8	2.1	in. 2.47	2.59	2.53	83.5	86.6	85.1
February	29.670	41.2	40.9	41.1	35.7	45.6	24.2	21st	57.2	1st	2.9	2.1	2.5	2.05	2.15	2.10	77.8	82.9	80.4
March	7.09	40.0	40.0	40.0	34.4	45.1	28.3	8th	57.4	17th	2.3	2.2	2.3	2.04	2.06	2.05	81.5	82.4	82.0
April	6.47	47.3	47.0	47.2	39.9	53.3	29.1	5th	66.2	8th	3.4	3.1	3.3	2.51	2.53	2.52	77.2	78.7	78.0
May	6.21	50.8	49.0	49.9	43.4	55.3	36.0	19th	67.4	24th	3.8	2.7	3.3	2.82	2.86	2.84	75.8	82.1	79.0
June	7.59	56.8	55.0	55.9	49.0	61.8	39.4	1st	72.2	11th	3.9	2.6	3.3	3.56	3.62	3.59	76.7	83.0	79.9
July	9.01	59.5	57.4	58.5	52.0	63.5	47.8	5th	69.6	21st	4.8	3.4	4.1	3.71	3.74	3.73	72.9	79.2	76.1
August	7.55	61.6	60.6	61.1	54.0	68.1	48.7	7th	79.3	12th	4.3	3.4	3.9	4.20	4.25	4.23	76.0	80.2	78.1
September	8.48	58.7	57.9	58.3	51.5	65.1	39.8	26th	77.7	17th	3.8	2.8	3.3	3.91	4.06	3.99	77.1	82.7	79.9
October	5.83	51.4	52.2	51.8	47.0	56.1	36.9	13th	66.3	3rd	2.3	2.1	2.2	3.21	3.38	3.30	83.9	86.2	85.1
November	5.92	44.9	45.7	45.3	40.2	49.3	27.8	23rd	60.0	3rd	2.1	1.8	2.0	2.57	2.70	2.64	84.4	86.7	85.6
December	29.730	46.5	46.3	46.4	40.7	50.5	30.4	31st	58.2	5th	2.7	2.4	2.6	2.61	2.65	2.63	81.0	82.8	81.9
Year	29.736	50.3	49.7	50.0	44.0	55.1	—	—	—	—	3.2	2.5	2.9	2.97	3.05	3.01	79.0	82.8	80.9

TEALBY

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

		ins.												in.	in.		%	%	%	
January	-	29.967	41.0	42.7	41.9	38.1	46.4	29.7	10th	56.1	30th	0.8	1.0	0.9	.244	.257	.251	93.8	92.6	93.2
February	-	.576	37.8	37.4	37.6	32.9	45.5	24.7	21st	54.7	1st	1.4	1.3	1.4	.201	.201	.201	86.8	87.5	87.2
March*	-	.515	40.5	37.9	39.2	34.6	47.0	27.7	15th	59.1	18th	1.7	1.3	1.5	.220	.205	.213	86.4	88.8	87.6
April	-	.612	46.9	44.4	45.7	39.0	53.2	28.9	5th	66.5	8th	1.8	1.6	1.7	.283	.260	.272	87.3	88.4	87.9
May	-	.547	49.6	46.7	48.2	41.6	55.0	32.7	13th	62.5	22nd	2.0	0.9	1.5	.308	.300	.304	86.3	93.4	89.9
June	-	.688	56.1	52.8	54.5	47.9	62.1	32.7	1st	71.5	29th	3.0	1.5	2.3	.371	.363	.367	81.7	89.6	85.7
July	-	.804	58.6	55.4	57.0	50.1	66.2	42.7	14, 20	75.7	15th	2.5	1.2	1.9	.423	.411	.417	85.3	92.3	88.8
August	-	.703	60.6	58.0	59.3	52.7	68.3	43.7	29th	82.7	12th	2.2	1.2	1.7	.465	.453	.459	87.0	92.7	89.9
September	-	.806	59.7	57.2	58.5	51.9	68.8	40.5	29th	86.9	8th	3.1	2.6	2.9	.427	.404	.416	81.3	84.1	82.7
October	-	.551	52.0	51.3	51.7	47.7	57.9	33.1	11th	70.3	2nd	1.4	1.3	1.4	.353	.346	.350	90.6	90.6	90.6
November	-	.547	43.6	43.6	43.6	39.7	49.2	25.9	23rd	59.7	3rd	0.8	0.9	0.9	.271	.269	.270	93.8	92.0	92.9
December	-	29.678	42.7	42.4	42.6	37.8	48.1	26.1	31st	57.9	27th	1.3	1.3	1.3	.252	.250	.251	89.0	89.5	89.3
Year	-	29.666	49.1	47.5	48.3	42.8	55.6	—	—	—	—	1.8	1.3	1.6	.318	.310	.314	87.4	90.1	88.8

SHEFFIELD

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

		ins.												in.	in.	in.	%	%	%	
January	-	29.760	43.4	44.5	44.0	40.1	48.7	31.6	17th	57.0	20th	1.8	2.1	2.0	.245	.253	.249	86.1	85.3	85.7
February	-	.386	40.1	39.9	40.0	35.3	45.5	25.8	21st	56.5	1st	2.7	2.4	2.6	.198	.201	.200	77.9	80.4	79.2
March	-	.421	39.1	39.1	39.1	33.8	45.3	26.9	7th	59.7	18th	2.1	2.1	2.1	.199	.200	.200	82.5	82.8	82.7
April	-	.406	47.0	45.7	46.4	39.5	53.4	29.0	5th	65.2	8th	3.3	2.8	3.1	.251	.248	.250	77.4	80.6	79.0
May	-	.361	50.1	48.1	49.1	42.5	55.5	36.1	13th	63.9	23rd	3.3	2.4	2.9	.284	.282	.283	79.0	83.6	81.3
June	-	.498	57.3	55.1	56.2	48.5	63.6	38.2	15th	71.3	17th	4.1	2.6	3.4	.360	.368	.364	76.0	83.9	80.0
July	-	.622	59.5	57.6	58.6	51.6	66.9	43.2	30th	76.8	15th	4.5	3.2	3.9	.379	.384	.382	74.5	80.4	77.5
August	-	.506	61.2	59.1	60.2	53.4	68.8	45.0	29th	81.1	12, 22	3.7	2.4	3.1	.429	.433	.431	78.8	85.2	82.0
September	-	.605	59.5	57.6	58.6	51.5	67.5	39.2	26th	82.1	17th	3.6	2.5	3.1	.410	.412	.411	78.7	84.3	81.5
October	-	.348	52.3	51.4	51.9	47.4	57.6	40.5	9th	68.1	2nd	1.4	1.3	1.4	.358	.349	.354	90.8	91.2	91.0
November	-	.346	44.6	45.1	44.9	40.5	49.4	27.8	22nd	59.9	3rd	1.2	1.1	1.2	.272	.282	.277	90.4	91.5	91.0
December	-	29.468	45.3	44.5	44.9	40.1	49.3	27.6	31st	57.8	5th	2.0	2.0	2.0	.265	.256	.261	85.2	84.8	85.0
Year	-	29.477	50.0	49.0	49.5	43.7	56.0	—	—	—	—	2.8	2.2	2.5	.304	.306	.305	81.4	84.5	83.0

* Tealby. The Means for March are for 18 days only.

BIDSTON OBSERVATORY (LIVERPOOL).

Heights above Ground :—Barometer, 14 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

1898.															Amount of Cloud.										Rainfall.			Weather, No. of Days of								Wind, No. of Observations of																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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LLANDUDNO

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

1898.	Mean Pressure at 32° Fahr.	Air Temperature.									Humidity.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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BUXTON

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

	ins.													in.	in.	in.	%	%	%
January	29.131	41.7	42.5	42.1	38.2	46.7	25.5	17th	54.0	30th	1.1	1.3	1.2	.239	.243	.241	91	89	90
February	28.786	38.5	37.2	37.9	31.9	44.0	20.5	21st	52.0	1st	1.7	1.3	1.5	.199	.196	.198	85	88	87
March	.810	36.8	36.5	36.6	29.3	44.2	19.5	9th	55.6	18th	1.4	1.4	1.4	.191	.188	.189	88	87	87
April	.788	46.4	44.3	45.4	36.4	52.7	23.6	5th	63.0	8th	3.2	2.5	2.9	.243	.236	.240	77	81	79
May	.751	50.2	47.3	48.8	38.9	55.2	31.0	31st	63.6	23rd	3.6	3.1	3.3	.275	.254	.264	76	78	77
June	28.902	56.8	55.6	56.2	43.5	64.2	34.1	15th	72.8	8th	4.7	3.3	4.0	.331	.351	.341	72	79	75
July	29.031	58.3	57.3	57.8	47.6	66.4	39.0	8th	73.1	15th	4.4	3.9	4.2	.360	.358	.359	74	76	75
August	28.926	60.8	60.6	60.7	51.5	69.0	44.0	9th	79.3	22nd	3.9	3.4	3.6	.410	.421	.416	77	80	79
September	29.019	58.8	52.0	55.4	46.0	65.7	28.8	26th	80.2	8th	4.7	1.8	3.3	.360	.340	.350	73	88	80
October	28.757	52.3	49.5	50.9	44.0	55.0	68.1	3rd	2.4	1.5	1.9	.329	.316	.322	84	89	87
November	.743	42.8	42.1	42.4	36.8	46.2	22.3	28th	55.2	16th	1.3	1.1	1.2	.246	.244	.245	89	91	90
December	28.885	42.5	41.5	42.0	36.6	47.2	28.0	20th	54.5	5th	1.2	1.5	1.4	.246	.230	.238	90	88	89
Year	28.877	48.8	47.2	48.0	40.1	54.7	—	—	—	—	2.8	2.2	2.5	.286	.281	.284	81.3	84.5	82.9

CHESTER

Long. 2° 54' W. Lat. 53° 12' N. Height above Mean Sea Level, 59 feet. Gravity Correction, +.021 in.

	ins.													in.	in.	in.	%	%	%
January	30.177	44.0	45.0	44.5	40.8	49.6	31.6	10th	57.8	30th	1.6	1.7	1.7	.256	.265	.261	88.0	87.6	87.8
February	29.835	40.9	40.0	40.5	35.2	47.8	25.5	21st	59.7	1st	1.9	1.6	1.8	.220	.217	.219	84.5	87.1	85.8
March	.862	39.9	38.5	39.2	33.3	48.3	24.8	9th	59.9	18th	1.3	1.2	1.3	.222	.212	.217	88.6	89.1	88.9
April	.803	48.4	46.8	47.6	40.2	56.2	28.6	5th	66.0	8th	2.7	2.2	2.5	.276	.272	.274	81.1	84.6	82.9
May	.769	52.2	48.4	50.3	43.5	58.6	33.9	19th	70.2	23rd	3.0	1.5	2.3	.316	.305	.311	80.5	89.0	84.8
June	29.907	59.6	55.1	57.4	48.9	66.3	39.5	1, 2	76.8	10th	3.6	1.8	2.7	.405	.388	.397	78.8	88.8	83.8
July	30.035	62.1	57.7	59.9	51.7	69.1	44.5	5th	75.5	15th	4.6	2.6	3.6	.415	.403	.409	74.1	84.0	79.1
August	29.897	63.2	59.7	61.5	53.4	70.4	45.0	7th	80.7	12th	4.0	2.6	3.3	.455	.436	.446	77.9	84.5	82.2
September	30.002	59.8	57.2	58.5	50.1	68.4	30.5	25th	79.9	7th	3.3	2.4	2.9	.423	.409	.416	80.5	85.5	83.0
October	29.735	52.1	51.2	51.7	46.9	58.0	32.1	13th	67.5	3rd	1.4	1.3	1.4	.354	.346	.350	90.2	91.2	90.7
November	.746	44.9	45.5	45.2	40.5	50.5	27.8	29th	61.5	3, 16	1.3	1.5	1.4	.275	.279	.277	89.9	89.2	89.6
December	29.894	46.3	45.8	46.1	41.3	50.9	30.7	23rd	60.5	5th	1.8	2.0	1.9	.277	.270	.274	86.0	85.8	85.9
Year	29.889	51.1	49.2	50.2	43.8	57.8	—	—	—	—	2.5	1.9	2.2	.325	.317	.321	83.3	87.2	85.3

LLANDUDNO.

Heights above Ground:—Barometer, 18 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

1898.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	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	4.4	4.0	4.2	ins. 2.320	ins. 610	29th	13	0	0	0	7	3	1	0	0	1	2	1	7	44	5	2	
February	4.2	3.6	3.9	2.280	370	3rd	21	2	3	1	6	2	1	7	3	0	0	2	3	33	8	0	
March	3.4	3.0	3.2	1.050	420	18th	12	2	2	0	11	0	2	5	6	9	3	1	7	20	6	5	
April	3.1	2.5	2.8	2.190	650	11th	13	0	0	1	13	2	0	4	2	4	3	2	12	24	4	5	
May	4.4	4.7	4.6	5.160	720	22nd	20	0	2	3	6	6	0	6	4	11	4	0	7	26	3	1	
June	3.7	2.6	3.1	1.910	430	24th	15	0	0	1	12	0	0	11	1	4	0	8	10	22	3	1	
July	3.2	3.5	3.4	0.830	350	1st	9	0	0	0	9	0	0	3	2	1	2	0	8	32	14	0	
August	4.7	3.2	3.9	4.920	830	8th	17	0	0	3	6	2	2	1	2	1	3	10	12	20	10	3	
September	3.4	2.3	2.9	1.560	510	29th	9	0	0	0	12	1	1	1	4	0	4	11	10	18	7	5	
October	5.3	4.2	4.7	4.280	830	28th	19	0	0	1	7	6	3	4	6	10	7	3	10	18	2	2	
November	5.0	3.7	4.4	1.870	380	12th	20	3	1	0	6	3	1	8	3	5	6	13	4	18	3	0	
December	5.4	4.0	4.7	2.900	860	26th	23	0	0	0	6	2	4	1	0	0	0	7	15	28	7	4	
Year	4.2	3.4	3.8	31.270	—	—	191	7	8	10	101	27	15	51	33	46	34	58	105	303	72	28	

CHEADLE

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

1898.	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.			Tension of Vapour.			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. 29.573	41.1	42.5	41.8	38.4	46.0	30.5	8th	55.7	30th	0.8	1.1	1.0	in. 24.0	24.8	24.4	% 91	% 91	% 91
February	29.209	36.9	37.7	37.3	33.0	44.7	22.9	21st	54.0	1st	1.6	1.5	1.5	1.88	1.96	1.92	86	87	86
March	29.215	36.9	36.8	36.9	32.4	45.0	27.2	7th	57.3	18th	1.3	1.5	1.4	1.94	1.89	1.92	89	87	88
April	29.202	45.2	44.4	44.8	38.3	53.3	29.2	5th	63.6	8th	2.6	2.4	2.5	2.43	2.39	2.41	80	82	81
May	29.151	48.6	46.6	47.6	41.7	54.9	34.6	13th	66.7	23rd	2.6	1.9	2.3	2.78	2.73	2.75	81	86	84
June	29.298	54.9	53.7	54.3	47.3	62.6	35.9	1st	71.4	10th	3.3	2.6	2.9	3.40	3.41	3.41	79	83	81
July	29.431	57.3	56.5	56.9	49.8	65.7	39.2	30th	73.4	15th	3.8	3.3	3.6	3.61	3.62	3.62	77	79	78
August	29.321	59.1	57.8	58.4	51.9	67.3	44.5	29th	78.6	12th	3.0	2.6	2.8	4.09	4.01	4.05	82	84	83
September	29.413	56.6	56.0	56.3	49.8	66.3	38.5	29th	79.0	7th	2.7	2.5	2.6	3.79	3.75	3.77	83	84	83
October	29.145	49.8	49.8	49.8	46.1	55.8	39.2	13th	68.9	2nd	0.9	1.2	1.0	3.34	3.27	3.30	93	91	92
November	29.144	41.8	42.8	42.3	38.4	47.9	26.0	22, 23	58.5	3rd	0.6	0.7	0.7	2.52	2.60	2.56	95	95	95
December	29.299	43.0	42.4	42.7	38.5	47.8	27.5	23rd	55.5	5th	1.3	1.3	1.3	2.42	2.42	2.45	90	89	90
Year	29.283	47.6	47.2	47.4	42.1	54.8	—	—	—	—	2.0	1.9	2.0	2.89	2.88	2.88	85.4	86.5	86.0

BELVOIR CASTLE

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

1898.	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.			Tension of Vapour.			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. 29.965	41.6	42.8	42.2	37.1	47.1	27.0	23rd	56.0	30th	1.1	1.3	1.2	in. 24.5	25.2	24.9	% 91.9	% 90.3	% 91.1
February	29.590	38.3	38.4	38.4	32.9	45.8	19.0	21st	56.0	1st	1.4	1.5	1.5	2.07	2.08	2.08	87.9	87.2	87.6
March	29.592	37.7	36.0	36.9	31.3	46.1	22.0	10th	61.0	18th	1.0	1.2	1.1	2.09	1.93	2.01	90.7	89.8	90.3
April	29.594	46.4	45.1	45.8	37.9	54.8	23.0	5th	66.0	8th	2.8	2.7	2.8	2.56	2.44	2.50	80.9	80.6	80.8
May	29.534	50.1	47.8	49.0	42.5	56.2	34.0	19th	68.0	23rd	3.1	1.6	2.4	2.89	2.95	2.92	79.7	88.1	83.9
June	29.679	56.5	53.9	55.2	47.5	64.3	33.0	15th	72.0	17, 30	3.3	1.5	2.4	3.67	3.80	3.74	79.9	90.7	85.3
July	29.800	59.4	56.6	58.0	50.6	67.8	41.0	5th	78.0	15, 31	4.0	3.2	3.6	3.90	3.72	3.81	76.5	80.7	78.6
August	29.697	60.6	58.0	59.3	52.8	69.5	44.0	8th	82.0	12th	3.2	2.1	2.7	4.33	4.25	4.29	81.5	87.3	84.4
September	29.792	59.9	57.1	58.5	50.0	69.3	35.0	24, 26	88.0	8th	3.2	2.1	2.7	4.27	4.21	4.24	80.8	87.6	84.2
October	29.530	51.7	50.8	51.3	47.0	58.1	35.0	1st	67.0	2, 3	1.5	1.2	1.4	3.46	3.44	3.45	89.8	92.2	91.0
November	29.540	43.1	43.2	43.2	38.5	49.2	23.0	22, 23	61.0	3rd	0.7	0.8	0.8	2.67	2.68	2.68	93.8	93.8	93.8
December	29.693	43.7	43.8	43.8	39.4	49.7	23.0	31st	58.0	5th	1.8	1.7	1.8	2.53	2.55	2.54	86.4	86.7	86.6
Year	29.667	49.1	47.8	48.5	42.3	56.5	—	—	—	—	2.3	1.7	2.0	3.07	3.05	3.06	85.0	87.9	86.5

HILLINGTON

Long. 0° 33' E. Lat. 52° 48' N. Height above Mean Sea Level, 88 feet. Gravity Correction, +.021 in.

1898.	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.			Tension of Vapour.			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. 30.166	41.5	41.9	41.7	37.5	46.7	29.0	8th	56.3	30th	1.1	1.0	1.1	in. 24.3	24.9	24.6	% 91.7	% 92.3	% 92.0
February	29.769	38.6	38.6	38.6	33.5	46.0	20.8	22nd	56.5	1st	1.6	1.5	1.6	2.05	2.07	2.06	86.4	87.3	86.9
March	29.763	39.3	36.2	37.8	31.3	46.8	24.0	21st	61.5	18th	1.6	1.2	1.4	2.11	1.92	2.02	86.9	89.0	88.0
April	29.797	47.8	44.2	46.0	37.3	55.9	26.5	5th	68.6	8th	3.2	2.3	2.8	2.63	2.45	2.54	77.8	83.4	80.6
May	29.723	51.4	47.4	49.4	41.8	57.7	31.2	17th	71.6	23rd	3.1	1.3	2.2	3.06	2.99	3.03	80.7	90.5	85.6
June	29.868	57.6	53.6	55.6	48.1	64.9	35.9	3rd	74.5	8th	3.7	1.5	2.6	3.74	3.75	3.75	78.5	89.9	84.2
July	29.976	60.5	55.5	58.0	49.4	68.4	37.2	14th	79.3	16th	4.2	2.1	3.2	4.00	3.86	3.93	76.0	87.1	81.6
August	29.882	62.4	58.3	60.4	51.5	72.0	42.0	29th	86.6	22nd	3.5	1.2	2.4	4.53	4.58	4.56	80.6	92.8	86.7
September	29.984	61.5	56.6	59.1	48.3	72.3	33.2	29th	91.6	8th	—	—	—	—	—	—	—	—	—
October	29.724	52.8	51.1	52.0	46.3	59.9	34.5	9th	71.0	3rd	1.5	1.0	1.3	3.62	3.52	3.57	90.1	92.9	91.5
November	29.732	44.0	43.7	43.9	38.6	50.6	27.1	23rd	63.4	3rd	0.7	0.7	0.7	2.77	2.76	2.77	94.4	94.6	94.5
December	29.893	42.5	42.9	42.7	37.6	48.4	23.9	31st	55.9	4th	1.2	1.3	1.3	2.55	2.54	2.55	90.9	89.7	90.3
Year	29.856	50.0	47.5	48.8	41.8	57.5	—	—	—	—	—	—	—	—	—	—	—	—	—

CHEADLE.

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

1898.		Amount of Cloud.			Rainfall.		Weather, No. of Days of								Wind, No. of Observations of								
		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	-	8.2	8.9	8.6	ins. 1.650	ins. .550	4th	12	0	0	0	1	21	1	1	1	1	4	7	20	12	3	13
February	-	6.0	4.6	5.3	2.190	.530	3rd	19	8	4	2	5	7	4	4	3	3	2	3	7	16	17	1
March	-	7.7	5.3	6.5	1.190	.210	1st	16	8	1	0	3	13	3	12	12	2	3	3	2	4	22	2
April	-	7.0	5.3	6.1	2.300	.600	11th	14	0	1	3	5	12	1	1	1	15	8	6	9	7	9	4
May	-	7.1	7.1	7.1	3.850	.560	31st	19	2	5	4	1	12	2	2	3	13	6	5	3	8	19	3
June	-	7.7	5.7	6.7	2.150	.410	21st	17	0	4	9	3	12	0	2	3	8	6	2	10	10	13	6
July	-	6.7	5.8	6.3	1.320	.460	22nd	8	0	0	3	3	10	0	5	3	3	3	4	3	7	31	3
August	-	8.4	6.6	7.5	4.360	1.460	3rd	14	0	1	7	1	12	0	3	3	7	5	5	13	7	12	7
September	-	6.7	3.5	5.1	1.000	.610	29th	9	0	1	0	4	6	0	1	2	11	5	5	6	11	6	13
October	-	8.1	6.8	7.4	2.760	.680	18th	20	0	0	0	2	16	0	1	2	25	2	8	10	4	2	8
November	-	7.8	6.7	7.3	2.570	.770	23rd	16	2	0	0	1	14	1	5	0	12	8	4	7	6	9	9
December	-	7.0	6.3	6.6	2.450	.770	26th	20	1	0	0	3	13	4	2	1	2	5	10	20	9	10	3
Year	-	7.4	6.1	6.7	27.790	—	—	184	21	17	28	32	148	16	39	34	102	57	62	110	101	153	72

UPPINGHAM

Long. 0° 44' W. Lat. 52° 35' N. Height above Mean Sea Level, 484 feet. Gravity Correction, +.019 in.

1898.	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.			Tension of Vapour.			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. 29.738	41.1	42.2	41.7	37.8	46.2	29.2	10th	53.9	20th	1.0	1.1	1.1	in. 240	249	245	91.9	91.3	91.6		
February	358	38.1	37.9	38.0	33.1	45.6	21.2	21st	54.9	1st	1.4	1.3	1.4	205	207	206	87.3	88.5	87.9		
March	346	38.8	36.5	37.7	32.5	46.7	26.2	7th	58.1	18th	1.5	1.2	1.4	209	194	202	87.1	88.4	87.8		
April	362	47.1	43.9	45.5	37.8	55.5	28.5	5th	65.3	8th	2.8	2.4	2.6	261	238	250	80.6	82.5	81.6		
May	296	51.2	47.3	49.3	41.7	58.4	33.9	13th	72.9	23rd	3.2	1.6	2.4	299	292	296	79.1	89.0	84.1		
June	445	58.2	53.2	55.7	48.6	66.1	36.9	1st	75.8	8, 11	3.4	1.6	2.5	391	366	379	79.9	89.4	84.7		
July	572	62.0	56.1	59.1	52.0	71.0	41.4	30th	81.8	15th	3.6	2.0	2.8	445	396	421	79.5	87.4	83.5		
August	470	62.4	58.0	60.2	53.0	71.5	44.3	29th	82.0	12th	3.5	2.2	2.9	455	422	439	80.4	86.7	83.6		
September	567	60.9	55.9	58.4	49.8	70.6	38.1	27th	87.6	8th	3.4	1.8	2.6	434	405	420	79.5	88.5	84.0		
October	298	52.1	49.8	51.0	46.7	58.2	37.8	31st	70.2	3rd	1.2	0.6	0.9	361	346	354	92.1	95.7	93.9		
November	306	42.9	42.9	42.9	38.8	48.9	25.8	23rd	60.4	3rd	0.7	0.7	0.7	267	267	267	94.3	93.7	94.0		
December	29.474	43.0	42.9	43.0	38.5	48.4	26.2	23rd	56.0	5th	1.5	1.5	1.5	252	251	252	88.1	88.1	88.1		
Year	29.436	49.8	47.2	48.5	42.5	57.3	—	—	—	—	2.3	1.5	1.9	318	303	311	85.0	89.1	87.1		

CHURCHSTOKE

Long. 3° 5' W. Lat. 52° 31' N. Height above Mean Sea Level, 538 feet. Gravity Correction, +.018 in.

1898.	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.			Tension of Vapour.			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. 29.674	42.5	43.1	42.8	38.6	48.0	27.5	14th	57.4	20th	1.5	1.3	1.4	in. 245	254	250	88.5	90.3	89.4		
February	—	—	—	—	—	—	22.2	19th	55.3	—	—	—	—	—	—	—	—	—	—	—	
March	29.329	38.3	35.3	36.8	30.5	45.8	24.1	21st	57.1	17th	1.8	1.3	1.6	199	184	192	84.3	87.5	85.9		
April	287	48.0	43.4	45.7	37.9	55.3	25.7	5th	66.3	8th	3.7	1.9	2.8	253	244	249	75.7	85.5	80.6		
May	253	51.0	46.5	48.8	41.4	56.8	33.5	27th	67.3	23rd	4.0	1.7	2.9	280	280	280	74.7	87.4	81.1		
June	402	57.5	52.0	54.8	45.9	64.9	36.5	15th	74.1	10th	4.0	1.8	2.9	365	342	354	76.9	87.7	82.3		
July	537	61.1	54.6	57.9	47.9	68.5	35.6	30th	78.7	15th	5.1	2.4	3.8	390	363	377	71.7	84.7	78.2		
August	411	62.2	56.9	59.6	50.1	69.4	39.5	25th	79.7	21st	4.1	1.9	3.0	434	411	423	77.4	88.2	82.8		
September	491	58.9	53.9	56.4	47.1	68.3	29.2	25th	80.8	7th	3.5	1.4	2.5	402	389	396	79.7	91.3	85.5		
October	218	50.7	49.3	50.0	45.6	56.5	33.4	13th	68.7	2nd	1.4	1.0	1.2	336	330	333	90.3	93.2	91.8		
November	232	44.2	44.2	44.2	38.8	49.5	24.1	22nd	60.1	3rd	1.2	1.0	1.1	268	274	271	90.3	91.8	91.1		
December	29.403	45.1	43.6	44.4	39.7	49.9	28.0	30th	57.6	16th	1.7	1.3	1.5	268	261	265	87.2	89.4	88.3		
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

LOWESTOFT

Long. 1° 45' E. Lat. 52° 29' N. Height above Mean Sea Level, 85 feet. Gravity Correction, +.020 in.

1898.	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.			Tension of Vapour.			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. 30.209	43.0	42.9	43.0	38.9	46.8	30.4	11th	56.1	31st	1.1	1.0	1.1	in. 253	254	254	91	92	92		
February	29.789	40.0	38.8	39.4	34.6	46.2	24.4	21st	58.9	1st	2.0	1.8	1.9	207	200	203	84	85	84		
March	769	41.4	38.3	39.8	34.2	45.4	25.4	15th	62.3	18th	2.0	1.3	1.7	219	205	212	84	89	87		
April	834	48.5	44.9	46.7	40.4	52.1	27.4	1st	64.7	7th	2.7	2.0	2.4	275	253	264	80	85	82		
May	741	51.1	47.7	49.4	43.8	54.9	34.9	13th	61.7	29th	3.0	1.5	2.2	299	294	297	80	89	85		
June	885	58.2	54.0	56.1	49.9	62.0	37.4	1st	75.0	18th	3.8	1.8	2.8	374	366	370	77	88	82		
July	991	60.9	56.5	58.7	51.7	65.8	39.9	14th	76.1	18th	4.4	2.6	3.5	397	381	389	74	83	79		
August	29.918	63.1	59.9	61.5	54.7	68.9	45.4	29th	77.5	22nd	4.3	2.5	3.4	434	436	435	75	84	79		
September	30.019	62.3	58.7	60.5	53.3	67.3	39.7	29th	78.1	14th	5.4	3.4	4.4	393	391	392	70	79	75		
October	29.758	55.0	53.5	54.3	50.0	58.9	41.6	11, 31	66.0	22nd	2.7	2.0	2.4	357	355	356	82	87	84		
November	761	46.8	46.0	46.4	41.9	51.3	30.1	23rd	60.8	3rd	1.6	1.3	1.4	281	280	280	88	90	89		
December	29.943	43.5	43.4	43.4	39.2	49.4	28.1	31st	56.1	4th	1.9	1.5	1.7	240	248	244	85	88	87		
Year	29.885	51.2	48.7	49.9	44.4	55.8	—	—	—	—	3.0	1.9	2.4	311	305	308	80.8	86.6	83.7		

UPPINGHAM.

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

1898.		Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
		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.		
					ins.	ins.																			
January	-	8.8	8.4	8.6	0.985	.457	4th	7	0	0	0	1	23	0	1	2	0	3	8	27	8	5	8		
February	-	6.8	6.6	6.7	0.800	.159	3rd	14	5	1	0	1	10	2	6	2	0	0	3	16	13	12	4		
March	-	7.8	5.4	6.6	1.152	.436	26th	16	10	0	0	3	13	0	17	9	1	2	2	9	10	6	6		
April	-	7.8	4.7	6.3	1.947	.542	11th	14	1	0	2	3	10	0	2	4	4	10	11	11	7	3	8		
May	-	7.5	7.6	7.6	2.344	.397	20th	20	0	1	2	0	14	0	12	8	2	3	6	8	5	13	5		
June	-	8.1	7.1	7.6	0.674	.163	23rd	10	1	1	2	1	17	0	4	14	1	2	4	16	9	4	6		
July	-	7.9	4.7	6.3	1.044	.505	1st	5	0	0	1	1	8	0	6	8	3	2	2	3	13	17	8		
August	-	7.5	6.1	6.8	4.098	1.604	6th	14	0	0	8	3	13	1	6	6	1	7	10	11	8	10	3		
September	-	5.8	3.1	4.5	0.321	.281	29th	3	0	0	0	6	4	0	2	5	1	6	9	15	7	8	7		
October	-	7.4	5.9	6.7	2.547	.443	18th	15	0	0	0	6	15	0	3	8	7	3	10	15	7	3	6		
November	-	8.3	7.6	8.0	1.795	.629	23rd	15	1	0	0	2	20	1	5	2	7	5	13	12	7	4	5		
December	-	7.1	6.4	6.8	1.590	.460	6th	15	1	0	0	5	15	2	0	0	1	0	11	31	12	7	0		
Year	-	7.6	6.1	6.9	19.297	—	—	145	19	3	15	32	162	6	64	68	28	43	89	174	106	92	66		

GELDESTON

Long. 1° 31' E. Lat. 52° 28' N. Height above Mean Sea Level, 37 feet. Gravity Correction, +.020 in.

1898.	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.			Tension of Vapour.			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. 30.250	42.3	42.9	42.6	37.5	47.4	28.8	11th	56.4	31st	1.1	1.1	1.1	.252	.258	.255	92.1	91.9	92.0		
February	29.836	39.5	38.9	39.2	33.7	47.2	19.1	22nd	60.8	1st	1.6	1.6	1.6	.215	.210	.213	86.8	87.0	86.9		
March	31.8	40.4	37.4	38.9	32.0	46.8	21.9	6th	63.0	18th	2.1	1.3	1.7	.212	.200	.206	84.0	88.9	86.5		
April	38.6	48.9	44.5	46.7	37.8	54.7	26.0	1st	67.7	8th	3.2	1.9	2.6	.275	.256	.266	78.3	86.6	82.5		
May	78.3	52.1	47.8	50.0	42.6	57.1	31.7	15th	64.9	23rd	3.2	1.2	2.2	.311	.306	.309	79.7	91.8	85.8		
June	29.927	58.9	54.3	56.6	48.8	64.0	36.5	1st	76.0	18th	4.5	1.9	3.2	.372	.376	.374	74.2	87.9	81.1		
July	30.038	61.7	55.9	58.8	50.3	67.4	39.0	21st	78.8	16th	5.2	2.0	3.6	.394	.394	.394	71.6	87.5	79.6		
August	29.959	64.6	59.8	62.2	52.5	72.0	43.6	29th	85.1	13th	4.6	1.8	3.2	.461	.461	.461	75.1	89.0	82.1		
September	30.061	63.1	57.3	60.2	49.9	70.7	33.1	29th	89.8	9th	5.1	2.4	3.8	.426	.408	.417	71.9	84.9	78.4		
October	29.798	54.5	52.4	53.5	47.6	60.2	35.0	2nd	66.9	3rd	2.2	1.5	1.9	.369	.359	.364	86.0	90.2	88.1		
November	80.0	46.0	44.9	45.5	39.1	51.8	27.9	23rd	60.9	3rd	1.3	1.0	1.2	.288	.281	.285	90.9	93.1	92.0		
December	29.977	43.1	43.9	43.5	38.5	49.8	25.3	22nd	56.8	4th	1.5	1.5	1.5	.253	.262	.258	87.9	88.6	88.3		
Year	29.927	51.3	48.3	49.8	42.5	57.4	—	—	—	—	3.0	1.6	2.3	.319	.314	.317	81.5	89.0	85.3		

EDGBASTON

Long. 1° 56' W. Lat. 52° 28' N. Height above Mean Sea Level, 535 feet. Gravity Correction, +.018 in.

1898.	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.			Tension of Vapour.			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. 29.695	41.3	43.1	42.2	39.0	46.3	31.0	16th	55.1	20th	1.3	1.6	1.5	.237	.248	.243	90.3	88.1	89.2		
February	33.9	37.6	39.3	38.5	34.4	44.9	24.4	21st	56.6	1st	1.7	1.9	1.8	.194	.207	.201	84.1	83.6	83.9		
March	32.8	36.7	38.2	37.5	33.1	44.7	27.1	24th	56.0	17th	1.4	2.2	1.8	.192	.192	.192	86.5	82.1	84.3		
April	31.7	44.8	46.9	45.9	39.4	53.8	30.7	5th	64.9	8th	2.7	3.6	3.2	.241	.245	.243	80.7	75.9	78.3		
May	26.5	48.2	49.0	48.6	43.0	56.0	35.3	18th	67.8	23rd	3.1	2.8	3.0	.269	.285	.277	79.5	81.3	80.4		
June	42.0	54.6	55.8	55.2	48.6	64.0	38.3	1st	72.7	20th	3.4	3.8	3.6	.339	.345	.342	78.6	77.1	77.9		
July	55.1	57.6	58.6	58.1	51.4	67.4	44.0	30th	76.8	15th	4.7	4.9	4.8	.347	.355	.351	72.5	72.1	72.3		
August	43.9	58.7	59.7	59.2	53.6	68.8	46.1	7th	80.0	12th	2.9	3.4	3.2	.411	.416	.414	82.4	80.2	81.3		
September	52.3	55.9	58.6	57.3	50.5	68.3	37.5	26th	82.8	8th	2.6	3.6	3.1	.382	.397	.390	83.5	78.9	81.2		
October	24.7	49.8	51.1	50.5	46.9	56.2	39.0	13th	66.8	2nd	0.9	1.5	1.2	.341	.341	.341	93.6	90.3	92.0		
November	25.3	42.8	44.2	43.5	40.0	48.8	26.7	23rd	58.8	16th	1.0	1.0	1.0	.259	.273	.266	92.1	91.3	91.7		
December	29.424	43.8	44.4	44.1	40.4	49.2	29.4	23rd	55.8	2nd	1.3	1.5	1.4	.263	.265	.264	89.8	88.7	89.3		
Year	29.400	47.7	49.1	48.4	43.4	55.7	—	—	—	—	2.3	2.7	2.5	.290	.297	.294	84.5	82.5	83.5		

HOLLESLEY BAY

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

1898.	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.			Tension of Vapour.			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. 30.267	44.8	42.3	43.6	37.5	46.8	29.0	23rd	55.0	31st	1.0	0.3	0.7	.277	.267	.272	92.7	97.5	95.1		
February	29.857	40.4	38.7	39.6	34.2	45.9	24.0	21st	59.5	1st	0.9	0.4	0.7	.236	.232	.234	92.3	96.3	94.3		
March	81.5	41.0	37.8	39.4	32.8	45.6	21.0	13th	61.0	18th	1.4	0.5	1.0	.232	.222	.227	89.2	96.5	92.9		
April	87.8	48.5	44.7	46.6	39.0	52.0	29.0	24th	60.0	7th	1.8	0.8	1.3	.302	.280	.291	87.9	94.1	91.0		
May	78.3	51.9	48.1	50.0	43.3	55.8	35.0	17th	65.0	23rd	1.7	0.4	1.1	.345	.330	.338	89.1	97.1	93.1		
June	29.930	58.1	54.3	56.2	48.9	62.3	39.0	1st	75.0	18th	1.9	0.4	1.2	.432	.415	.424	88.1	97.5	92.8		
July	30.041	61.3	57.0	59.2	51.9	66.0	42.0	14, 21	78.0	18th	2.2	0.5	1.4	.475	.454	.465	87.1	96.6	91.9		
August	29.969	64.3	61.3	62.8	54.6	69.2	45.0	8th	78.0	15th	2.0	0.7	1.4	.537	.523	.530	88.0	95.2	91.6		
September	30.057	63.0	58.3	60.7	51.2	68.3	37.0	29th	79.0	14th	3.4	1.5	2.5	.472	.449	.461	80.3	90.5	85.4		
October	29.816	55.7	53.6	54.7	49.3	59.7	39.0	11th	64.8	3rd	1.1	0.4	0.8	.414	.406	.410	92.8	97.7	95.3		
November	29.825	46.9	45.7	46.3	40.9	51.5	29.5	23rd	60.5	3rd	0.3	0.2	0.3	.322	.310	.316	98.0	99.1	98.6		
December	30.022	44.2	44.3	44.3	39.3	49.2	28.0	31st	56.0	4th	0.4	0.2	0.3	.287	.291	.289	96.6	98.2	97.4		
Year	29.938	51.7	48.8	50.3	43.6	56.0	—	—	—	—	1.5	0.5	1.0	.361	.349	.355	90.2	96.4	93.3		

GELDESTON.

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

1898		Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
		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	-	8.6	8.3	8.5	ins. 0.930	ins. .280	5th	11	0	0	0	0	22	0	3	0	2	2	6	22	21	3	3		
February	-	6.0	5.4	5.7	1.010	.320	3rd	14	3	1	0	5	8	1	6	1	0	0	1	9	32	6	1		
March	-	7.3	4.6	6.0	2.030	.570	26th	17	3	4	0	5	10	1	12	15	2	3	1	4	20	2	3		
April	-	7.4	4.1	5.8	1.160	.220	12th	14	0	0	2	2	6	0	3	7	14	5	9	9	9	3	1		
May	-	7.9	6.2	7.1	3.240	1.030	20th	20	0	1	1	3	15	0	6	9	10	4	8	7	12	6	0		
June	-	8.2	7.9	8.1	3.010	1.610	9th	14	0	2	4	0	18	0	13	7	3	7	4	9	16	1	0		
July	-	7.5	6.4	7.0	1.540	.630	28th	8	0	0	2	3	15	0	8	4	4	7	3	2	18	14	2		
August	-	6.5	4.9	5.7	1.350	.590	7th	9	0	0	4	3	8	0	8	9	4	3	7	9	15	5	2		
September	-	4.7	4.6	4.7	0.280	.190	18th	3	0	0	1	11	8	0	7	4	8	7	3	9	17	4	1		
October	-	6.9	7.0	7.0	2.480	.530	16th	12	0	0	2	3	15	0	3	3	16	6	8	10	12	4	0		
November	-	7.0	5.3	6.2	2.890	.670	26th	20	0	1	0	6	13	0	4	3	7	8	7	12	14	3	2		
December	-	7.3	5.7	6.5	2.160	.440	6th	12	1	1	0	5	14	1	3	0	0	1	6	20	25	6	1		
Year	-	7.1	5.9	6.5	22.080	—	—	154	7	10	16	46	152	3	76	62	70	53	63	122	211	57	16		

WOBURN

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

1898.	Mean Pressure at 32° Fahr.	Air Temperature.								Humidity.									
		9 a.m. 9 p.m. Mean.			Means of					Dep. of Wet-Bulb.			Tension of Vapour.			Percentage.			
		9 a.m.	9 p.m.	Mean.	Min. Max.		Absolute Min. and Max.			9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
					Min.	Max.	Min.	Day.	Max.	Day.									
January	ins.	—	—	—	—	—	—	—	—	—	—	—	in.	in.	in.	%	%	%	
February	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September	29° 8.09	60.6	56.0	58.3	46.2	71.6	29.7	26th	88.9	8th	4.6	3.0	3.8	.397	.377	.387	73.9	82.1	78.0
October	53.6	52.1	50.0	51.1	45.0	58.6	30.1	9th	68.0	3rd	1.6	1.5	1.6	.350	.328	.339	89.5	90.1	89.8
November	55.1	44.5	43.3	43.9	37.5	49.7	21.3	23rd	60.0	3rd	1.2	1.0	1.1	.272	.266	.269	90.4	92.1	91.3
December	29° 7.46	44.1	43.9	44.0	38.0	49.3	23.0	31st	56.0	4th	2.0	1.7	1.9	.253	.260	.257	84.9	87.1	86.0
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

BENNINGTON

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

January	ins.	29° 88.4	41.1	41.8	41.5	37.3	46.2	26.8	10th	55.6	31st	1.1	1.1	1.1	in.	in.	in.	%	%	%
February		50.9	38.5	38.7	38.6	33.5	46.2	18.2	21st	55.9	2nd	1.7	1.9	1.8	.199	.198	.199	85	84	85
March		46.8	39.3	36.9	38.1	32.5	46.1	27.1	6, 7	56.1	18th	2.0	1.7	1.9	.201	.186	.193	84	85	84
April		50.2	47.1	44.6	45.8	37.8	55.5	28.5	5th	64.8	8th	3.3	2.7	3.0	.248	.235	.242	77	80	79
May		42.3	51.2	48.7	50.0	42.6	57.8	34.4	13th	70.6	23rd	3.7	2.1	2.9	.285	.292	.288	76	85	80
June		57.3	57.1	54.5	55.8	47.9	64.2	38.0	1st	73.4	18th	4.1	2.7	3.4	.351	.351	.351	75	83	79
July		68.7	60.6	57.4	59.0	50.5	69.2	44.1	5, 21	79.7	16th	4.9	3.2	4.0	.379	.378	.379	72	80	76
August		60.2	63.4	60.1	61.7	53.0	72.4	42.0	8th	84.9	22nd	4.6	3.4	4.0	.431	.413	.422	74	79	77
September		69.5	61.3	57.6	59.5	50.2	72.1	35.0	29th	89.4	8th	5.2	2.9	4.1	.382	.389	.385	70	82	76
October		42.9	52.8	51.1	52.0	47.1	58.9	34.1	11th	69.6	3rd	2.0	1.2	1.6	.345	.344	.345	86	92	89
November		43.6	43.8	43.3	43.6	38.9	50.1	25.5	23rd	59.3	3rd	0.8	0.7	0.7	.268	.265	.266	94	95	94
December		29° 63.6	43.0	43.4	43.2	38.7	48.9	25.3	31st	55.8	5th	1.5	1.3	1.4	.244	.252	.248	88	90	89
Year		29° 57.0	49.9	48.2	49.1	42.5	57.3	—	—	—	—	2.9	2.1	2.5	.297	.295	.296	81.0	85.5	83.3

CHELTENHAM

Long. 2° 3' W. Lat. 51° 54' N. Height above Mean Sea Level, 184 feet. Gravity Correction, + '019 in.

January	ins.	30° 10.1	43.6	43.9	43.8	39.2	48.1	29.2	16th	55.0	19, 31	1.1	1.1	1.1	in.	in.	in.	%	%	%
February	29° 7.45	39.4	39.9	39.6	33.8	47.1	20.0	21st	56.2	1st	1.4	1.6	1.5	.214	.214	.214	89	87	88	
March	70.9	38.8	36.6	37.7	30.9	46.9	21.9	10th	55.4	17th	2.1	1.5	1.8	.195	.187	.191	83	86	85	
April	69.2	48.3	45.5	46.9	37.6	56.3	23.4	5th	65.5	8th	3.7	2.6	3.2	.253	.246	.249	75	81	78	
May	63.4	52.0	49.9	51.0	43.4	58.9	31.8	13th	72.0	23rd	3.6	2.1	2.8	.296	.306	.301	76	85	80	
June	78.6	57.8	55.9	56.8	48.5	66.8	35.0	15th	75.0	11th	3.7	2.9	3.3	.370	.364	.367	77	81	79	
July	91.9	61.2	59.1	60.2	49.6	71.6	35.5	30th	82.1	16th	5.3	3.5	4.4	.378	.396	.387	70	79	75	
August	80.6	62.8	60.3	61.5	53.1	72.3	43.0	24th	81.6	21st	3.6	2.9	3.3	.451	.430	.441	79	82	80	
September	89.5	59.9	56.4	58.2	47.6	70.6	31.0	25th	86.0	8th	2.9	1.9	2.4	.424	.400	.412	82	88	85	
October	61.0	52.2	50.8	51.5	46.6	58.3	32.5	13th	68.6	3rd	1.4	1.3	1.3	.353	.336	.344	90	91	91	
November	62.8	44.7	45.1	44.9	38.9	50.7	21.0	23rd	61.0	3rd	1.1	1.2	1.2	.270	.272	.271	91	90	90	
December	29° 8.37	45.9	45.9	45.9	41.1	51.2	24.0	20th	58.2	5th	1.7	1.9	1.8	.270	.266	.268	87	86	87	
Year	29° 7.80	50.6	49.1	49.8	42.5	58.2	—	—	—	—	2.7	2.0	2.3	.311	.307	.309	82.5	85.6	84.1	

WOBURN.

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

1898.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	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	-	-	-	ins.	ins.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
February	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
March	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
April	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
May	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
June	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
July	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
August	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
September	-	5.3	2.6	4.0	0.360	.340	29th	2	0	0	0	8	3	0	1	2	10	4	7	11	11	0	14	
October	-	7.5	5.9	6.7	2.350	.460	29th	16	0	0	0	4	14	3	0	7	13	3	7	17	0	2	13	
November	-	7.6	7.1	7.4	1.710	.350	25th	18	3	0	0	2	17	1	3	6	3	6	4	17	4	3	14	
December	-	7.0	5.9	6.5	2.570	.810	6th	14	2	0	0	4	12	4	0	1	0	1	8	30	14	3	5	
Year	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BENNINGTON.

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

				ins.		ins.																
				0.580		.230																
January	-	8.8	8.4	8.6	0.580	5th	10	0	0	0	1	22	0	2	1	2	8	8	24	10	1	6
February	-	6.8	7.1	7.0	0.910	27th	18	7	1	0	2	12	0	7	0	1	0	2	13	28	3	2
March	-	7.4	5.8	6.6	1.370	26th	13	9	7	0	3	13	0	21	8	5	2	0	8	12	3	3
April	-	7.8	4.8	6.3	1.720	27th	13	0	1	2	4	11	0	3	7	13	5	10	8	10	3	1
May	-	8.1	7.6	7.8	3.180	19th	22	0	1	2	0	17	0	12	7	6	7	6	8	10	3	3
June	-	7.8	7.7	7.8	2.210	24th	15	0	1	5	1	15	0	15	4	2	1	7	12	14	1	4
July	-	8.1	6.3	7.2	1.130	28th	9	0	0	2	1	13	0	10	3	8	3	3	3	18	6	8
August	-	6.0	5.9	5.9	1.160	7th	13	0	0	4	4	9	0	3	6	6	5	7	13	15	3	4
September	-	5.7	3.6	4.7	0.290	29th	4	0	0	0	10	8	0	7	3	13	5	6	12	10	0	4
October	-	7.8	6.2	7.0	3.160	29th	14	0	0	1	4	16	0	1	9	14	4	7	14	4	3	6
November	-	8.0	7.3	7.6	1.970	25th	19	3	0	0	3	19	0	6	2	10	11	5	13	5	2	6
December	-	7.1	6.7	6.9	2.590	6th	17	2	0	0	4	16	0	0	2	1	5	12	21	17	3	1
Year	-	7.5	6.5	7.0	20.270	—	167	21	11	16	37	171	0	87	52	81	56	73	149	153	31	48

ST. DAVID'S (PEMBROKE)

Long. 5° 16' W. Lat. 51° 53' N. Height above Mean Sea Level, 215 feet. Gravity Correction, +018 in.

1898.	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.			Tension of Vapour.			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°035	46°8	47°0	46°9	43°7	49°4	36°6	14th	54°8	31st	1°1	0°5	0°8	in. 2°96	in. 3°13	in. 3°05	% 91·7	% 96·2	% 94°0	
February	29°752	44°3	43°9	44°1	39°6	48°0	30°4	21st	51°5	4th	1°2	1°3	1°3	2°67	2°64	2°66	90°6	90°1	90°4	
March	714	42°8	40°5	41°7	36°1	46°7	29·3	9th	51°3	12th	1°1	0°6	0°9	2°54	2°43	2°49	91°2	95°0	93°1	
April	647	48°8	45°9	47°4	42°3	53°0	34°8	5th	57°1	27th	1°2	0°1	0°7	3°16	3°07	3°12	91°8	99°1	95°5	
May	619	51°3	48°5	49°9	45°3	55°5	36°2	19th	64°8	23rd	1°9	1°1	1°5	3°31	3°17	3°24	87°2	92°5	89°9	
June	774	57°5	53°5	55°5	49°9	61°5	42°3	2nd	73°2	11th	2°7	1°0	1°9	3°97	3°84	3°91	83°7	93°4	88°6	
July	926	61°3	57°3	59°3	52°9	66°2	45°0	30th	73°1	15th	3°4	1°8	2°6	4°37	4°17	4°27	80°5	88°3	84°4	
August	777	61°8	58°6	60°2	54°7	65°8	48°8	25th	75°4	21st	2°3	1°3	1°8	4°81	4°57	4°69	86°8	91°9	89°4	
September	847	60°3	57°6	59°0	53°9	65°7	44°8	25th	76·6	4th	2°5	2°0	2°3	4°54	4°24	4°39	85°3	87°7	86°5	
October	549	54°7	52°4	53°6	49°4	58°0	44°2	2nd	67°5	3rd	1°9	1°5	1°7	3°78	3°56	3°67	87°5	89°7	88°6	
November	568	48°2	47°6	47°9	43°8	52°2	34°0	28th	58°0	2nd	1°8	1°4	1°6	3°02	3°01	3°02	87°9	89°9	88°9	
December	29°787	48°7	48°1	48°4	45°8	51°7	38°8	30th	55°2	6th	1°7	1°9	1°8	3°06	2°95	3°01	87°9	86°7	87°3	
Year	29°750	52°2	50°1	51°2	46°5	56°1	—	—	—	—	1°9	1°2	1°6	3°52	3°40	3°46	87°7	91°7	89°7	

BERKHAMSTED

Long. 0° 34' W. Lat. 51° 46' N. Height above Mean Sea Level, 400 feet. Gravity Correction, +017 in.

	ins.													in.	in.	in.	%	%	%
January	29.888	41.1	41.6	41.4	37.3	46.7	26.6	8th	55.1	31st	1.0	1.1	1.1	.236	.238	.237	91	90	91
February	.518	38.4	39.2	38.8	34.2	46.3	20.5	21st	54.9	2nd	1.4	1.9	1.6	.204	.202	.203	88	85	86
March	.470	38.7	36.5	37.6	31.6	46.7	25.1	6th	55.5	18th	2.0	1.6	1.8	.196	.185	.191	83	86	85
April	.495	47.0	44.4	45.7	36.8	56.5	25.1	5th	66.6	8th	3.3	2.5	2.9	.247	.238	.242	76	81	78
May	.416	51.2	48.8	50.0	42.5	58.4	32.9	17th	73.8	23rd	3.9	2.0	3.0	.280	.295	.288	74	86	80
June	.578	57.4	54.1	55.7	47.9	65.4	39.5	15th	75.2	21st	4.6	2.5	3.5	.343	.349	.346	73	83	78
July	.701	61.5	57.2	59.4	49.8	71.2	41.1	31st	81.1	15, 16	5.6	2.7	4.2	.374	.389	.381	68	83	76
August	.609	62.9	59.8	61.3	52.5	73.5	43.3	8th	84.4	22nd	4.6	3.0	3.8	.424	.421	.423	74	82	78
September	.698	60.8	56.2	58.5	48.0	73.0	30.3	29th	90.3	8th	5.0	2.5	3.7	.379	.379	.379	71	84	77
October	.423	52.0	50.2	51.1	46.1	58.6	36.8	11th	70.9	3rd	1.4	1.1	1.3	.351	.334	.342	90	92	91
November	.427	43.1	43.3	43.2	38.5	50.9	24.8	23rd	61.0	16th	0.7	0.7	0.7	.263	.265	.264	95	95	95
December	29.636	43.3	43.7	43.5	39.0	49.7	24.1	31st	56.1	4, 5	1.5	1.3	1.4	.247	.255	.251	88	89	89
Year	29.572	49.8	47.9	48.9	42.0	58.1	—	—	—	—	2.9	1.9	2.4	.295	.296	.296	80.9	86.3	83.6

KEW

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

	ins.														in.	in.	in.	%	%	%
January	- 30.310	42.5	43.1	42.8	38.9	47.1	27.6	8th	55.0	31st	1.4	1.2	1.3	241	252	247	89	90	90	
February	- 29.932	40.1	40.9	40.5	36.0	46.7	26.0	21st	56.3	1st	2.0	2.4	2.2	208	208	208	84	82	83	
March	- 867	39.3	39.0	39.2	34.0	46.5	26.3	30th	57.4	18th	2.4	2.2	2.3	194	195	195	81	83	82	
April	- 899	47.6	46.6	47.1	39.3	56.1	28.7	6th	64.0	8th	3.0	3.0	3.0	260	250	255	79	79	79	
May	- 816	52.7	51.4	52.1	45.4	59.0	36.3	13th	71.7	23rd	4.1	2.8	3.5	294	309	302	74	82	78	
June	- 29.970	58.3	57.2	57.8	50.3	65.4	41.4	1st	74.6	21st	4.6	3.7	4.2	356	362	359	73	77	75	
July	- 30.087	61.7	61.4	61.6	53.0	70.4	44.1	11th	80.1	15th	5.5	4.5	5.0	380	403	392	69	75	72	
August	- 29.998	63.7	62.8	63.3	55.2	72.9	47.0	8th	83.9	22nd	4.7	3.9	4.3	435	443	439	73	78	76	
September	- 30.088	60.4	59.2	59.8	50.2	71.8	35.1	29th	88.3	8th	4.3	3.4	3.9	393	400	397	75	80	78	
October	- 29.818	52.7	52.7	52.7	48.1	58.9	38.0	13th	67.1	3rd	1.7	1.5	1.6	351	356	354	88	89	89	
November	- 29.833	44.9	45.2	45.1	40.0	50.6	28.4	22nd	60.0	3rd	1.4	1.5	1.5	266	266	266	90	89	90	
December	- 30.061	45.1	44.9	45.0	40.5	49.9	26.9	31st	56.3	4th	2.1	1.7	1.9	252	259	256	84	88	86	
Year	- 29.973	50.8	50.4	50.6	44.2	57.9	—	—	—	—	3.1	2.7	2.9	303	309	306	79.9	82.7	81.3	

ST. DAVID'S (PEMBROKE).

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

1898.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	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	-	-	8.3	8.4	8.4	ins. 3.438	ins. .692	4th	23	0	0	0	0	19	0	1	0	8	8	7	21	9	6	2
February	-	-	8.0	5.5	6.8	1.292	.342	25th	17	1	2	0	0	9	2	4	5	2	0	0	11	14	18	2
March	-	-	6.3	4.6	5.5	1.008	.270	5th	17	6	11	0	4	7	3	7	25	3	1	0	3	7	11	5
April	-	-	6.6	3.9	5.3	2.194	.630	13th	13	0	0	0	4	5	4	1	4	2	13	6	11	7	10	6
May	-	-	7.1	6.5	6.8	4.642	1.202	2nd	23	0	2	2	2	13	3	11	13	4	6	2	3	11	12	0
June	-	-	6.3	5.8	6.1	1.684	.400	5th	12	0	0	1	1	8	1	6	11	1	3	6	16	6	11	0
July	-	-	6.5	5.4	6.0	0.953	.452	1st	4	0	0	3	3	9	0	5	11	4	1	2	6	8	21	4
August	-	-	7.9	5.8	6.9	2.535	.810	3rd	17	0	0	2	0	8	0	4	6	4	5	3	17	10	10	3
September	-	-	6.1	5.0	5.6	1.628	.535	17th	12	0	0	0	6	9	1	1	3	6	13	4	14	6	8	5
October	-	-	7.4	6.3	6.9	5.223	1.245	28th	22	0	0	0	3	14	4	3	5	9	11	2	10	8	11	3
November	-	-	7.4	7.0	7.2	6.126	1.465	12th	24	1	3	2	1	14	5	5	7	6	11	3	11	10	6	1
December	-	-	7.8	7.7	7.8	4.793	2.115	26th	25	0	0	0	0	18	9	5	1	0	2	5	25	13	10	1
Year	-	-	7.1	6.0	6.6	35.516	—	—	209	8	18	10	24	133	32	53	91	49	74	40	148	109	134	32

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

Heights above Ground :—Barometer, 15 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

Long. $0^{\circ} 29' E$. Lat. $51^{\circ} 24' N$. Height above Mean Sea Level, 224 feet. Gravity Correction, +.017 in.

Heights above Ground:—Barometer, 23 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

Long. $0^{\circ} 33' \text{ W.}$ Lat. $51^{\circ} 11' \text{ N.}$ Height above Mean Sea Level, 148 feet. Gravity Correction, $+0.15 \text{ in.}$

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

Heights above ground.																							
					ins.	ins.	1st	12	0	0	0	0	20	1	8	1	3	13	15	3	4	4	11
					0'670	200	18th	15	4	3	0	2	8	0	23	2	3	5	3	4	3	11	2
January	-	-	8'8	7'8	8'3	1'230	280	15	4	3	0	2	8	0	23	2	3	5	3	4	3	11	2
February	-	-	6'3	5'9	6'1	1'850	480	15	7	0	1	5	12	1	33	4	3	2	3	1	4	9	3
March	-	-	6'9	5'5	6'2	1'850	370	11	0	0	0	4	6	2	7	1	4	12	12	5	6	10	3
April	-	-	6'9	3'4	5'2	1'240	650	22	0	1	2	1	14	0	12	4	5	1	8	5	5	15	7
May	-	-	7'2	7'1	7'2	3'910	290	15	0	1	1	1	8	0	11	10	3	0	3	8	14	6	5
June	-	-	7'9	4'7	6'3	1'800	200	6	0	0	2	3	8	0	20	3	2	0	10	0	8	5	14
July	-	-	7'0	4'3	5'7	0'470	670	11	0	0	5	3	6	0	9	2	3	2	6	13	16	3	8
August	-	-	6'5	4'1	5'3	1'080	580	5	0	0	0	14	3	0	13	8	1	0	7	9	4	4	14
September	-	-	4'5	1'5	3'0	1'760	1'130	17	0	0	1	3	19	1	7	2	7	5	13	9	8	1	10
October	-	-	7'3	7'3	7'3	3'760	1'600	19	2	0	0	2	16	1	15	5	1	10	14	1	3	1	10
November	-	-	7'6	7'0	7'3	3'950	820	19	0	0	0	2	15	1	6	4	3	3	9	11	14	10	2
December	-	-	7'8	6'5	7'2	3'170	820	19	0	0	0	2	15	1	6	4	3	3	9	11	14	10	2
Year	-	-	7'1	5'4	6'3	24'890	—	167	13	5	12	40	135	7	164	46	38	53	103	69	89	79	89
Y																							

WOOLACOMBE

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

1898.	Mean Pressure at 32° Fahr.	Air Temperature.									Humidity.								
		9 a.m. 9 p.m. Mean.			Means of						Dep. of Wet-Bulb.			Tension of Vapour.			Percentage.		
		9 a.m.	9 p.m.	Mean.	Absolute Min. and Max.						9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.									
January	ins. 30.232	46.5	46.8	46.7	43.4	49.8	36.8	8th	53.8	19th	1.5	1.3	1.4	284	293	289	89.2	90.5	89.9
February	29.934	44.8	44.6	44.7	40.8	48.1	32.2	21st	52.0	11th	1.7	1.6	1.7	263	262	263	87.6	87.9	87.8
March	865	42.6	41.3	42.0	37.1	46.5	32.6	25th	52.2	16th	2.8	2.2	2.5	220	218	219	79.3	83.3	81.3
April	825	49.6	47.5	48.6	42.8	54.2	36.4	5th	66.0	8th	2.8	2.1	2.5	288	279	284	81.1	85.4	83.3
May	777	52.2	50.8	51.5	47.0	55.9	41.8	7th	71.6	23rd	3.1	2.4	2.8	313	312	313	79.9	83.9	81.9
June	29.943	57.2	55.6	56.4	51.6	61.9	43.6	2nd	73.2	11th	3.3	2.4	2.9	376	379	378	80.1	85.0	82.6
July	30.081	61.7	59.2	60.5	55.1	65.6	49.6	30th	70.2	26th	4.0	2.5	3.3	425	428	427	77.4	84.8	81.1
August	29.951	63.6	61.6	62.6	57.6	68.1	52.8	7th	79.8	21st	3.9	3.7	3.8	462	434	448	78.5	79.2	78.9
September	30.014	62.0	59.4	60.7	55.1	67.7	44.8	25th	80.6	6th	3.9	2.8	3.4	437	428	433	78.0	83.5	80.8
October	29.721	56.3	55.3	55.8	51.3	59.5	44.0	13th	66.4	3rd	2.8	2.6	2.7	376	366	371	82.3	83.3	82.8
November	742	49.5	48.8	49.2	44.4	53.4	33.0	23rd	59.0	2, 3	2.7	2.6	2.7	294	289	292	81.4	81.5	81.5
December	29.999	49.6	49.3	49.5	45.9	52.5	36.2	23rd	57.6	5th	2.3	2.3	2.3	304	301	303	83.9	84.0	84.0
Year	29.924	53.0	51.7	52.4	47.7	56.9	—	—	—	—	2.9	2.4	2.7	337	332	335	81.6	84.4	83.0

SOUTHAMPTON

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

1898.	Mean Pressure at 32° Fahr.	Air Temperature.									Humidity.								
		9 a.m. 9 p.m. Mean.			Means of						Dep. of Wet-Bulb.			Tension of Vapour.			Percentage.		
		9 a.m.	9 p.m.	Mean.	Absolute Min. and Max.						9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.									
January	ins. 30.265	44.3	44.8	44.6	41.2	49.0	30.3	11th	55.2	6th	1.2	1.3	1.3	268	272	270	91.2	90.7	91.0
February	29.907	41.6	41.2	41.4	36.2	49.6	27.4	21st	56.2	1st	1.4	1.7	1.6	238	229	234	88.8	86.7	87.8
March	822	41.3	39.7	40.5	34.7	49.1	27.9	6th	62.8	18th	2.3	1.9	2.1	216	208	212	81.9	84.0	83.0
April	848	49.9	46.8	48.4	39.8	57.3	29.3	6th	65.6	8th	3.1	2.2	2.7	286	272	279	79.7	84.9	82.3
May	768	54.6	51.6	53.1	46.4	60.4	36.3	13th	72.7	23rd	3.6	2.0	2.8	336	333	335	78.4	86.4	82.4
June	29.928	60.5	56.7	58.6	50.7	67.2	41.8	3rd	78.6	11th	4.2	2.3	3.3	402	397	400	76.2	85.4	80.8
July	30.050	65.3	61.3	63.3	53.4	73.9	43.1	30th	84.6	16th	5.7	3.3	4.5	436	439	438	70.0	80.7	75.4
August	29.957	66.3	62.3	64.3	55.5	73.5	48.5	9th	84.4	15th	4.8	2.7	3.8	485	476	481	74.8	84.3	79.6
September	30.035	63.9	58.9	61.4	50.9	73.0	37.5	29th	84.5	8th	4.7	2.5	3.6	445	430	438	74.2	84.5	79.4
October	29.758	55.0	53.5	54.3	49.3	61.3	37.1	13th	71.1	3rd	2.0	1.6	1.8	380	369	375	87.4	89.2	88.3
November	29.769	45.6	46.2	45.9	41.0	53.0	27.8	23rd	60.1	9th	1.0	1.0	1.0	291	296	294	92.4	92.3	92.4
December	30.027	46.8	45.9	46.4	41.9	52.0	28.7	31st	56.7	18th	1.6	1.2	1.4	289	290	290	88.5	90.6	89.6
Year	29.928	52.9	50.7	51.8	45.1	59.9	—	—	—	—	3.0	2.0	2.5	339	334	337	82.0	86.6	84.3

ST LEONARDS

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

1898.	Mean Pressure at 32° Fahr.	Air Temperature.									Humidity.								
		9 a.m. 9 p.m. Mean.			Means of						Dep. of Wet-Bulb.			Tension of Vapour.			Percentage.		
		9 a.m.	9 p.m.	Mean.	Absolute Min. and Max.						9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.									
January	ins. 30.164	44.3	44.1	44.2	41.0	47.8	31.6	11th	53.6	31st	1.7	1.3	1.5	256	262	259	87.5	89.8	88.7
February	29.784	41.5	39.8	40.7	36.3	47.0	28.4	21st	54.8	1st	1.5	1.5	1.5	235	219	227	88.3	87.1	87.7
March	689	41.3	38.1	39.7	35.0	45.6	27.6	24th	56.8	18th	2.5	1.3	1.9	212	206	209	80.8	88.4	84.6
April	754	48.6	44.6	46.6	41.1	52.8	34.1	5th	57.5	8th	3.1	2.2	2.7	271	250	261	79.3	84.3	81.8
May	666	52.4	49.4	50.9	46.1	57.1	34.9	13th	70.3	23rd	3.0	1.5	2.3	319	319	319	81.5	89.8	85.7
June	820	57.9	53.6	55.8	50.6	62.5	38.1	1st	70.3	11th	3.2	1.5	2.4	391	375	383	80.5	90.4	85.5
July	925	62.1	57.8	60.0	53.7	67.3	45.4	11th	74.3	6th	4.4	2.2	3.3	423	419	421	75.5	87.0	81.3
August	857	65.8	61.1	63.5	56.4	70.5	48.3	9th	83.3	15th	5.0	2.5	3.8	469	464	467	74.0	85.5	79.8
September	938	63.6	59.2	61.4	54.5	69.0	42.1	28th	79.6	8th	4.6	3.2	3.9	443	415	429	75.0	81.3	78.2
October	674	56.0	54.0	55.0	50.7	60.0	42.9	11th	65.9	3rd	2.3	1.5	1.9	384	378	381	84.9	89.8	87.4
November	683	47.9	47.4	47.7	43.3	53.0	31.0	23rd	59.5	9th	1.7	1.5	1.6	298	298	298	87.5	89.0	88.3
December	29.934	46.6	45.9	46.3	42.1	50.5	28.8	31st	55.1	10th	1.8	1.6	1.7	282	281	282	86.8	87.7	87.3
Year	29.824	52.3	49.6	51.0	45.9	56.9	—	—	—	—	2.9	1.8	2.4	332	324	328	81.8	87.5	84.7

WOOLACOMBE.

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

1898.		Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
		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	-	8.4	7.6	8.0	ins. 0.930	ins. 2.90	5th	13	0	0	0	1	19	0	1	2	5	26	5	14	4	4	1	
February	-	7.4	6.6	7.0	1.360	1.70	12, 25	21	1	0	0	1	13	3	1	5	3	4	2	2	15	24	0	
March	-	6.1	5.5	5.8	0.960	2.10	5th	12	0	0	0	4	10	3	3	26	13	1	2	7	6	2	2	
April	-	5.4	4.1	4.8	1.540	3.70	13, 29	10	0	0	0	8	3	1	2	2	8	13	7	9	12	2	5	
May	-	6.6	6.5	6.6	2.810	3.60	20th	18	0	0	1	2	9	0	4	6	7	8	4	2	16	14	1	
June	-	5.6	5.8	5.7	1.330	4.20	24th	13	0	0	1	4	7	0	3	3	3	10	2	11	13	15	0	
July	-	5.3	4.3	4.8	0.810	4.40	22nd	3	0	0	1	6	7	0	4	4	7	5	1	5	18	14	4	
August	-	6.6	4.7	5.7	3.130	1.280	18th	14	0	0	3	4	10	1	1	0	12	11	5	2	21	9	1	
September	-	5.4	3.4	4.4	1.990	7.50	29th	9	0	0	0	10	6	0	1	2	7	19	7	5	9	9	1	
October	-	8.0	6.2	7.1	6.270	1.600	17th	21	0	0	0	3	16	3	3	2	11	18	7	5	11	4	1	
November	-	6.8	6.2	6.5	2.840	8.70	24th	20	0	0	0	3	9	0	5	8	8	20	4	2	6	4	3	
December	-	7.9	7.6	7.8	3.720	6.50	6th	21	0	1	0	2	18	1	3	1	2	4	11	6	26	8	1	
Year	-	6.6	5.7	6.2	27.690	—	—	175	1	1	6	48	127	12	31	61	86	139	57	70	157	109	20	

EASTBOURNE

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

1898.	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.			Tension of Vapour.			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°292	45°5	45°5	45°5	42°4	48°7	32°4	11th	53°6	31st	2°0	2°0	2°0	in. °262	in. °263	in. °263	85°2	85°6	85°4		
February	29°914	42°5	41°9	42°2	37°8	47°6	28°2	21st	53°6	1st	2°1	2°1	2°1	°232	°226	°229	84°0	83°3	83°7		
March	°822	41°5	39°8	40°7	36°0	45°7	29°7	6, 24	54°4	16th	2°7	2°2	2°5	°210	°205	°208	79°7	82°2	81°0		
April	°878	47°8	46°0	46°9	42°0	52°8	35°0	5th	57°6	14th	2°1	2°0	2°1	°284	°266	°275	85°2	85°8	85°5		
May	°789	52°0	50°5	51°3	46°7	56°2	38°7	17th	62°6	24th	3°2	2°3	2°8	°311	°312	°312	79°9	84°3	82°1		
June	29°939	57°1	55°1	56°1	51°2	62°1	43°0	1, 2	73°0	11th	3°2	2°6	2°9	°378	°364	°371	80°2	83°1	81°7		
July	30°050	61°9	60°4	61°2	54°7	67°3	47°6	11th	74°7	16th	3°9	2°6	3°3	°435	°446	°441	78°0	84°6	81°3		
August	29°973	64°6	62°9	63°8	57°9	69°6	50°0	8, 9	79°0	14th	4°1	3°1	3°6	°474	°474	°474	77°4	82°4	79°9		
September	30°052	62°4	60°8	61°6	54°5	67°7	42°2	29th	77°6	9th	3°9	3°0	3°5	°445	°445	°445	77°7	81°9	79°8		
October	29°789	56°0	55°8	55°9	50°8	60°4	42°7	12th	65°7	4th	2°3	2°4	2°4	°386	°380	°383	85°3	84°5	84°9		
November	29°796	48°6	48°6	48°6	43°9	53°9	30°4	30th	60°0	3rd	1°9	2°0	2°0	°302	°298	°300	86°5	85°7	86°1		
December	30°062	48°3	47°7	48°0	43°8	51°7	29°6	31st	57°0	4th	2°2	2°3	2°3	°291	°286	°289	83°7	83°4	83°6		
Year	29°946	52°4	51°3	51°9	46°8	57°0	—	—	—	—	2°8	2°4	2°6	°334	°330	°332	81°9	83°9	82°9		

PARKSTONE (BOURNEMOUTH)

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

January	ins. 30.138	44°0	44°5	44°3	41°1	48°7	32°7	11th	54°7	21st	1°0	1°0	1°0	in. 268	in. 275	in. 272	% 92.1	% 92.4	% 92.3
February	29.792	41°0	39°9	40°5	34°9	48°6	27°2	25th	54°2	12th	1°3	1°4	1°4	234	223	229	88.4	88.3	88.4
March	700	40°5	38°6	39°6	33°6	48°2	28°0	25th	59°1	18th	2°3	2°0	2°2	209	198	204	81°5	83°4	82°5
April	719	48°3	45°1	46°7	38°6	55°4	30°0	6th	61°9	26th	3°0	1°6	2°3	272	266	269	80°0	88°0	84°0
May	646	53°2	49°3	51°3	45°1	59°1	34°9	13th	72°1	23rd	3°8	1°5	2°7	311	317	314	77°1	89°4	83°3
June	808	59°0	54°4	56°7	48°7	66°1	40°2	1st	78°3	11th	4°4	2°2	3°3	377	366	372	75°2	85°8	80°5
July	932	64°1	58°4	61°3	51°7	72°8	42°0	30th	83°8	16th	6°3	2°7	4°5	403	413	408	67°2	83°8	75°5
August	835	64°1	59°9	62°0	53°4	72°1	47°1	1st	83°5	15th	4°5	2°1	3°3	455	456	456	76°1	87°9	82°0
September	905	62°8	57°5	60°2	50°1	71°6	39°4	25th	84°5	7th	5°0	2°4	3°7	428	411	420	72°9	85°3	79°1
October	625	53°8	53°1	53°5	48°5	60°4	38°1	13th	68°9	3rd	1°7	1°7	1°7	371	363	367	89°2	89°3	89°3
November	636	45°5	45°9	45°7	41°0	52°2	27°0	23rd	59°4	9th	0°8	0°9	0°9	292	296	294	93°2	92°8	93°0
December	29.903	46°5	45°5	46°0	41°1	50°9	30°0	21st	55°5	11th	1°6	1°1	1°4	286	287	287	88°5	91°1	89°8
Year	29.803	51°9	49°3	50°6	44°0	58°8	—	—	—	—	3°0	1°7	2°4	326	323	325	81°8	88°1	85°0

ROUSDON

Long. 3° 0' W. Lat. 50° 43' N. Height above Mean Sea Level, 515 feet. Gravity Correction, +.014 in.

		ins.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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WHITCHURCH

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

1898	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.			Tension of Vapour.			Percentage.		
		9 a.m.	9 p.m.	Mean.	Min.		Max.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.													
January	ins. 29.670	44.5	44.5	44.5	40.9	48.3	33.9	10th	52.8	23rd	1.0	1.0	1.0	in. 2.70	2.70	2.70	92	92	92
February	372	41.4	40.2	40.8	35.8	46.0	23.4	24th	52.7	1st	1.5	1.1	1.3	2.29	2.26	2.28	88	91	90
March	269	40.3	37.8	39.1	33.7	46.0	28.1	25th	53.8	22nd	2.3	1.8	2.1	2.04	1.92	1.98	82	85	83
April	263	48.7	44.0	46.3	39.7	54.3	32.4	5th	62.6	8th	2.9	1.5	2.2	2.73	2.54	2.63	79	88	84
May	211	52.0	47.9	50.0	44.3	56.8	35.3	13th	70.6	23rd	2.7	1.2	1.9	3.18	3.04	3.11	82	91	86
June	384	57.9	53.1	55.5	48.5	63.8	39.3	15th	76.7	11th	3.4	1.4	2.4	3.79	3.65	3.72	79	90	85
July	516	63.5	56.6	60.0	52.1	69.6	43.8	5th	77.8	16th	4.4	1.5	3.0	4.39	4.13	4.26	75	90	82
August	402	61.9	57.5	59.7	53.0	68.3	44.2	9th	78.5	16th	2.6	1.7	2.1	4.67	4.22	4.45	84	89	87
September	460	61.1	56.1	58.6	51.1	67.4	41.5	28th	79.0	8th	3.7	2.3	3.0	4.21	3.82	4.01	78	85	81
October	171	53.3	51.5	52.4	47.8	57.7	39.1	11th	66.4	2nd	1.3	1.2	1.3	3.70	3.49	3.60	91	92	92
November	176	46.2	45.6	45.9	40.7	51.0	27.3	29th	58.0	11th	0.9	1.1	1.0	2.87	2.79	2.83	92	91	91
December	29.456	45.9	44.9	45.4	41.6	49.3	30.0	21st	54.0	5th	1.0	0.8	0.9	2.86	2.79	2.82	93	94	94
Year	29.363	51.4	48.3	49.9	44.1	56.5	—	—	—	—	2.3	1.4	1.9	3.29	3.11	3.20	84.6	89.8	87.2

PLYMOUTH

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

1898	ins.	Air Temperature.									Humidity.								
		9 a.m. 9 p.m. Mean.			Means of			Absolute Min. and Max.			Dep. of Wet-Bulb.			Tension of Vapour.			Percentage.		
		9 a.m.	9 p.m.	Mean.	Min.		Max.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.													
January	30.201	47.0	47.5	47.3	43.0	50.8	35.0	11th	59.1	12th	1.6	1.4	1.5	in. 2.89	2.97	2.93	88.9	89.7	89.3
February	29.910	44.3	44.0	44.2	38.2	48.7	28.6	25th	53.3	1st	1.9	1.8	1.9	2.54	2.55	2.55	85.3	86.5	85.9
March	794	42.6	41.5	42.1	35.7	47.8	26.5	25th	55.2	18th	2.4	2.3	2.4	2.28	2.25	2.24	81.9	82.0	82.0
April	788	50.4	47.5	49.0	41.8	54.6	33.1	5th	64.9	15th	3.4	1.8	2.6	2.87	2.88	2.88	78.1	87.5	82.8
May	730	53.8	51.0	52.4	46.5	57.3	39.8	17th	70.2	23rd	3.7	1.8	2.8	3.22	3.31	3.27	77.3	87.7	82.5
June	29.898	59.3	56.5	57.9	50.5	63.2	41.0	3rd	75.4	10th	4.0	2.2	3.1	3.91	3.96	3.94	77.2	86.3	81.8
July	30.029	64.2	60.0	62.1	54.0	68.9	45.0	31st	77.2	16th	5.0	2.2	3.6	4.40	4.52	4.46	73.4	87.0	80.2
August	29.914	63.9	61.3	62.6	54.8	68.6	45.0	9th	77.7	15th	3.4	2.4	2.9	4.82	4.76	4.79	81.2	85.6	83.4
September	972	62.9	59.4	61.2	53.5	67.5	45.0	28th	77.4	6th	3.7	2.0	2.9	4.58	4.49	4.54	78.9	87.8	83.4
October	684	56.2	54.8	55.5	50.0	60.6	40.0	12th	66.9	6th	1.6	1.3	1.5	4.08	3.95	4.02	89.7	91.1	90.4
November	694	48.1	48.9	48.5	42.8	53.8	29.5	30th	60.9	11th	0.8	1.0	0.9	3.25	3.29	3.27	93.9	92.5	93.2
December	29.982	49.3	48.3	48.8	44.1	51.8	32.7	21st	55.9	27th	1.5	1.4	1.5	3.20	3.10	3.15	89.8	90.0	89.9
Year	29.883	53.5	51.7	52.6	46.2	57.8	—	—	—	—	2.8	1.8	2.3	3.50	3.49	3.50	83.0	87.8	85.4

FALMOUTH

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

1898	ins.	Air Temperature.									Humidity.								
		9 a.m. 9 p.m. Mean.			Means of			Absolute Min. and Max.			Dep. of Wet-Bulb.			Tension of Vapour.			Percentage.		
		9 a.m.	9 p.m.	Mean.	Min.		Max.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.													
January	30.131	47.9	47.8	47.9	45.6	50.5	38.9	2nd	54.1	19th	2.2	1.8	2.0	in. 2.80	2.88	2.84	85	87	86
February	29.861	44.7	43.9	44.3	40.8	48.9	32.4	22, 24	53.9	17th	2.7	2.3	2.5	2.36	2.38	2.37	80	83	82
March	748	42.3	41.7	42.0	37.7	47.3	32.5	24th	56.0	19th	3.0	2.9	3.0	2.09	2.06	2.08	78	79	79
April	723	50.2	47.4	48.8	43.9	53.9	37.9	5th	68.9	27th	3.2	2.3	2.8	2.84	2.72	2.78	79	84	82
May	678	53.0	50.1	51.6	47.3	56.5	40.0	19th	61.8	23, 24	3.3	1.7	2.5	3.15	3.18	3.17	78	88	83
June	848	58.8	54.8	56.8	51.0	62.5	44.1	15th	70.2	11th	3.8	1.8	2.8	3.83	3.78	3.81	77	88	83
July	977	63.3	59.2	61.3	55.6	67.5	50.2	4th	74.1	26th	4.3	2.1	3.2	4.39	4.36	4.38	75	88	82
August	853	63.4	59.8	61.6	56.5	67.4	50.9	31st	74.1	16th	3.5	1.9	2.7	4.66	4.54	4.60	80	88	84
September	906	61.1	58.7	59.9	55.0	65.2	47.3	28th	71.0	8th	3.4	2.5	3.0	4.29	4.17	4.23	80	84	82
October	616	55.6	54.1	54.9	51.6	59.0	44.9	31st	64.8	7th	2.0	1.6	1.8	3.86	3.73	3.80	87	89	88
November	629	48.8	49.0	48.9	45.3	52.8	34.7	22nd	59.0	9th	1.8	1.9	1.9	3.00	3.00	3.00	87	87	87
December	29.919	49.1	48.3	48.7	45.6	51.8	36.7	20th	55.9	27th	2.1	2.0	2.1	2.97	2.89	2.93	85	86	86
Year	29.824	53.2	51.2	52.2	48.0	56.9	—	—	—	—	2.9	2.1	2.5	3.35	3.31	3.33	80.9	85.9	83.4

WHITCHURCH.

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

1898.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	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	-	-	8°0	7°5	7°8	ins. 1°400	ins. °520	5th	14	0	0	0	5	22	0	3	2	7	11	10	20	2	5	2
February	-	-	7°2	6°9	7°0	2°850	°590	25th	22	3	7	0	2	12	5	5	3	3	1	1	12	9	20	2
March	-	-	5°7	5°3	5°5	2°130	°680	5th	17	10	7	0	5	10	6	8	23	6	6	1	3	4	10	1
April	-	-	6°6	5°1	5°9	2°870	°870	29th	12	0	0	0	4	8	3	6	7	4	7	10	9	4	10	3
May	-	-	6°7	6°8	6°7	3°630	°580	5th	20	0	1	3	4	13	3	7	8	7	6	4	6	10	14	0
June	-	-	6°5	6°4	6°5	3°640	1°500	12th	15	0	2	1	1	12	0	8	6	3	3	6	9	7	17	1
July	-	-	5°7	5°2	5°4	0°620	°210	22nd	10	0	1	1	9	11	0	19	3	3	2	2	5	10	17	1
August	-	-	7°6	5°2	6°4	4°560	1°900	18th	16	0	1	3	1	10	2	8	1	7	7	8	9	8	14	0
September	-	-	5°1	3°6	4°4	2°350	1°050	29th	12	0	1	1	10	5	1	2	2	8	16	8	11	5	5	3
October	-	-	7°9	5°5	6°7	8°310	1°250	16th	23	0	0	1	4	14	3	3	3	10	12	3	14	10	5	2
November	-	-	7°2	6°0	6°6	5°070	1°010	2nd	18	0	1	0	1	11	2	3	4	14	12	8	6	6	6	1
December	-	-	8°5	7°5	8°0	8°310	1°260	6th	25	1	2	1	2	20	7	8	0	1	3	8	19	14	9	0
Year	-	-	6°9	5°9	6°4	45°740	—	—	204	14	23	11	48	148	32	80	62	73	86	69	123	89	132	16

LONDONDERRY

Long. 7° 19' W. Lat. 55° 0' N. Height above Mean Sea Level, 67 feet. Gravity Correction, +.027 in.

1898.	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.			Tension of Vapour.			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. 30.019	44.8	46.0	45.4	40.8	48.8	32.2	3rd	54.6	29th	1.6	1.5	1.6	in. 264	278	271	88.2	89.3	88.8		
February	29.745	40.9	41.0	41.0	35.5	46.6	27.6	21st	54.3	1st	1.8	2.0	1.9	222	218	220	85.4	84.5	85.0		
March	86.0	41.9	41.4	41.7	35.8	48.4	29.3	1st	55.5	23rd	2.5	1.8	2.2	219	226	223	81.4	85.8	83.6		
April	68.0	49.3	47.5	48.4	41.7	56.6	31.0	5th	67.8	21st	3.2	2.4	2.8	279	274	277	79.3	83.1	81.2		
May	76.3	52.4	48.3	50.4	43.0	57.8	34.0	14th	70.2	24th	4.0	2.4	3.2	298	286	292	75.3	83.7	79.5		
June	29.859	58.0	54.1	56.1	48.9	63.5	42.0	1st	75.7	17th	4.2	2.3	3.3	366	358	362	75.7	84.9	80.3		
July	30.042	60.3	56.3	58.3	50.6	66.8	44.1	5th	78.5	21st	4.3	2.8	3.6	394	377	386	75.4	82.2	78.8		
August	29.818	60.1	57.3	58.7	52.1	67.4	43.3	7th	78.0	21st	3.4	2.1	2.8	420	411	416	80.1	86.4	83.3		
September	29.891	58.3	56.5	57.4	51.7	66.8	41.0	29th	86.0	4th	2.5	2.2	2.4	418	403	411	84.8	86.8	85.8		
October	—	—	—	—	45.6	56.4	35.0	30th	71.0	3rd	—	—	—	—	—	—	—	—	—		
November	—	—	—	—	39.2	49.9	31.0	22nd	59.4	9th	—	—	—	—	—	—	—	—	—		
December	—	—	—	—	40.3	49.7	32.0	8, 30	55.0	4, 5	—	—	—	—	—	—	—	—	—		
Year	—	—	—	—	43.8	56.6	—	—	—	—	—	—	—	—	—	—	—	—	—		

LISSAN

Long. 6° 45' W. Lat. 54° 41' N. Height above Mean Sea Level, 300 feet. Gravity Correction, +.024 in.

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ARMAGH

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

	ins.													in.	in.	in.	%	%	%
January	29.925	45.3	45.9	45.6	40.8	49.1	31.3	1st	56.0	19, 22	1.2	1.3	1.3	.277	.283	.280	90.9	90.8	90.9
February	.646	40.5	39.2	39.9	34.2	46.0	24.5	23rd	55.0	1st	1.4	1.1	1.3	.227	.221	.224	88.3	91.3	89.8
March	.727	42.3	39.1	40.7	33.5	47.8	26.5	8th	56.2	18th	2.1	1.0	1.6	.229	.222	.226	84.4	91.3	87.9
April	.569	49.4	45.8	47.6	39.9	55.2	27.5	5th	62.1	21st	2.7	1.5	2.1	.290	.277	.284	82.3	89.2	85.8
May	.626	51.7	46.9	49.3	40.7	57.0	32.0	14, 16	65.1	24th	3.2	1.6	2.4	.306	.288	.297	79.5	88.9	84.2
June	.733	57.7	53.9	55.8	47.0	63.1	38.5	28th	72.2	17th	3.8	1.9	2.9	.370	.367	.369	77.5	87.3	82.4
July	.915	60.9	55.3	58.1	47.8	66.2	38.4	4, 5	72.6	10th	3.7	1.9	2.8	.424	.389	.407	79.0	88.0	83.5
August	.709	60.7	57.2	59.0	51.5	66.3	40.0	9th	72.5	10th	3.6	2.0	2.8	.423	.416	.420	79.3	87.5	83.4
September	.784	59.5	55.8	57.7	50.9	64.9	35.2	24th	77.5	5th	3.0	2.1	2.6	.423	.396	.410	82.2	86.7	84.5
October	.542	51.7	49.5	50.6	45.3	56.1	35.0	12th	69.2	3rd	2.0	1.3	1.7	.337	.327	.332	86.9	91.2	89.1
November	.546	45.0	43.5	44.3	38.8	49.2	27.5	22nd	59.1	2nd	1.3	1.0	1.2	.277	.267	.272	90.3	91.8	91.1
December	29.633	45.3	44.7	45.0	40.3	49.7	29.0	20th	56.5	5th	1.3	1.4	1.4	.277	.270	.274	90.2	89.7	90.0
Year	29.696	50.8	48.1	49.5	42.6	55.9	—	—	—	—	2.4	1.5	2.0	.322	.310	.316	84.2	89.5	86.9

LONDONDERRY.

Heights above Ground:—Barometer, 14 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

1898.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	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	9.5	9.1	9.3	ins.	ins.	4th	18	0	0	0	0	27	0	0	0	4	7	13	30	5	0	3
February	9.0	7.0	8.0	5.250	.500	12th	25	4	6	0	1	15	1	0	5	2	1	3	26	13	5	1
March	7.4	5.5	6.5	2.100	.410	1st	22	2	3	0	2	14	0	8	6	3	0	2	26	9	3	5
April	8.1	6.3	7.2	3.820	.540	6th	23	0	6	0	0	14	0	0	1	5	10	6	20	8	2	8
May	8.8	6.7	7.8	3.610	.530	16th	22	0	3	1	0	15	0	5	10	5	3	4	7	13	11	4
June	9.0	7.6	8.3	2.800	.450	5th	21	0	1	1	0	20	0	1	5	7	4	1	24	7	10	1
July	8.6	6.7	7.7	0.610	.150	27th	13	0	0	0	1	16	0	1	6	1	1	1	16	10	20	6
August	8.9	7.2	8.1	4.530	.700	30th	25	0	0	0	1	18	0	1	2	7	7	3	23	10	4	5
September	8.2	6.8	7.5	4.310	1.440	29th	20	0	0	0	1	16	0	3	3	3	5	3	19	12	6	6
October	—	—	—	3.300	1.120	17th	19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November	—	—	—	4.480	.810	24th	21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December	—	—	—	4.460	.780	4th	26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year	—	—	—	41.310	—	—	255	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

MARKREE CASTLE (SLIGO)

Long. 8° 27' W. Lat. 54° 11' N. Height above Mean Sea Level, 122 feet. Gravity Correction, +.024 in.

1898.	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.			Tension of Vapour.			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° 97'1	44° 1	45° 0	44° 6	40° 0	49° 0	27° 8	1st	55° 5	30th	1° 0	0° 9	1° 0	.272	.282	.277	92° 9	93° 0	93° 0		
February	.730	41° 7	41° 1	41° 4	36° 2	47° 7	25° 3	23rd	54° 5	1st	1° 9	1° 5	1° 7	.228	.232	.230	84° 3	88° 3	86° 3		
March	.818	41° 8	39° 5	40° 7	33° 8	48° 4	24° 8	8th	55° 4	18th	2° 3	1° 9	2° 1	.223	.209	.216	82° 7	84° 7	83° 7		
April	.614	48° 8	45° 6	47° 2	39° 7	55° 4	24° 2	5th	65° 1	21st	2° 8	1° 8	2° 3	.279	.269	.274	80° 7	87° 2	84° 0		
May	.704	51° 7	47° 9	49° 8	42° 3	56° 9	30° 5	14th	68° 7	24th	3° 8	2° 4	3° 1	.293	.281	.287	76° 1	83° 7	79° 9		
June	.800	57° 4	52° 8	55° 1	47° 7	61° 7	38° 8	9th	71° 5	17th	3° 5	1° 8	2° 7	.374	.355	.365	79° 0	88° 5	83° 8		
July	.987	60° 3	55° 7	58° 0	49° 8	65° 0	35° 5	30th	71° 5	10th	3° 8	1° 9	2° 9	.410	.392	.401	78° 3	87° 5	82° 9		
August	.771	60° 2	56° 6	58° 4	50° 5	65° 8	38° 3	17th	72° 3	10, 21	3° 0	1° 7	2° 4	.431	.411	.421	82° 0	88° 8	85° 4		
September	.844	59° 1	56° 2	57° 7	50° 5	65° 4	35° 2	23rd	77° 3	4, 5	2° 8	1° 8	2° 3	.425	.406	.416	83° 3	88° 2	85° 8		
October	.596	51° 6	48° 8	50° 2	43° 7	56° 9	29° 0	12th	68° 6	4th	1° 9	1° 4	1° 7	.340	.317	.329	87° 6	90° 0	88° 8		
November	.617	45° 5	44° 2	44° 9	38° 6	50° 1	29° 0	22nd	58° 4	2nd	1° 4	1° 4	1° 4	.278	.266	.272	89° 1	89° 5	89° 3		
December	29° 69'1	45° 5	45° 2	45° 4	40° 5	50° 1	27° 8	30th	55° 5	5th	1° 7	1° 6	1° 7	.273	.271	.272	87° 7	88° 0	87° 9		
Year	29° 76'2	50° 6	48° 2	49° 4	42° 8	56° 0	—	—	—	—	2° 5	1° 7	2° 1	.319	.308	.314	83° 6	88° 1	85° 9		

GLASNEVIN (BOTANIC GARDENS)

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

		Gravity Correction, + 0.22 in.																		
	ins.								1st		30th			in.	in.	in.	%	%	%	
January	30.129	46.4	47.0	46.7	41.4	51.4	29.4		59.4			1.4	1.2	1.3	.286	.299	.293	89.8	91.7	90.8
February	29.864	41.4	40.8	41.1	35.0	48.7	23.0	24th	59.0	1st		1.7	1.5	1.6	.230	.227	.229	86.6	87.4	87.4
March	.911	42.6	39.5	41.1	34.3	48.3	26.6	8th	57.4	18th		1.9	1.1	1.5	.236	.225	.231	85.4	91.0	88.2
April	.774	50.6	46.2	48.4	40.2	56.1	27.0	5th	65.0	8th		2.4	1.3	1.9	.310	.284	.297	84.0	90.5	87.3
May	.795	52.6	47.7	50.2	42.4	57.5	31.0	16th	65.0	8th		2.6	1.0	1.8	.330	.310	.320	82.7	92.6	87.7
June	29.903	59.1	54.8	57.0	48.3	64.9	40.0	2nd	75.6	17th		2.6	1.6	2.1	.425	.390	.408	84.3	89.7	87.0
July	30.073	62.2	57.5	59.9	50.9	68.1	39.4	30th	75.0	11th		3.1	1.8	2.5	.463	.424	.444	82.3	89.0	85.7
August	29.885	61.9	58.1	60.0	51.8	67.7	42.6	9th	75.0	14th		2.8	1.7	2.3	.468	.438	.453	84.0	89.5	86.8
September	.958	60.8	55.9	58.4	49.2	67.2	38.0	26, 29	80.0	6th		2.7	1.7	2.2	.453	.407	.430	84.0	89.4	86.7
October	.698	52.9	50.7	51.8	45.6	57.8	36.0	20th	67.9	4th		1.5	1.4	1.5	.366	.339	.353	90.5	90.5	90.5
November	.711	44.8	44.5	44.7	37.7	51.6	26.0	22nd	62.0	2nd		1.0	0.8	0.9	.282	.283	.283	91.8	94.1	93.0
December	29.845	46.9	45.7	46.3	40.6	51.8	27.0	20th	58.0	5th		1.5	1.1	1.3	.294	.288	.291	89.1	92.0	90.6
Year	29.879	51.9	49.0	50.5	43.1	57.6	—	—	—	—		2.1	1.4	1.8	.345	.326	.336	86.2	90.6	88.4

DUBLIN (PHENIX PARK)

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

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MARKREE CASTLE (SLIGO)

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

1898.		Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
		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	-	9.1	9.4	9.3	ins. 2.640	ins. .420	4th	19	0	0	0	0	28	0	0	1	1	13	19	15	2	2	9		
February	-	8.9	9.1	9.0	4.960	.650	3rd	24	3	3	0	0	22	0	5	2	0	3	10	19	5	8	4		
March	-	8.4	8.6	8.5	2.340	.420	18th	18	1	1	0	0	17	0	13	10	1	2	7	10	2	5	12		
April	-	8.8	8.7	8.8	3.130	.410	9th	23	0	1	0	0	22	0	7	1	0	14	13	10	2	5	8		
May	-	8.8	8.7	8.8	4.350	.760	2nd	24	0	0	1	0	22	0	12	3	1	11	4	4	5	12	10		
June	-	9.1	8.8	9.0	3.850	.630	23rd	22	0	1	3	0	21	0	13	3	0	1	15	7	1	6	14		
July	-	9.0	8.5	8.8	1.450	.980	21st	12	0	0	1	0	21	0	18	3	0	0	4	5	6	11	15		
August	-	9.0	8.2	8.6	4.150	.820	9th	25	0	1	2	0	24	0	2	3	1	14	11	12	4	4	11		
September	-	7.7	7.8	7.8	3.230	.920	26th	17	0	0	0	2	17	0	3	3	1	16	19	8	1	2	7		
October	-	8.0	7.2	7.6	2.550	.800	30th	16	0	0	0	2	18	1	4	5	3	25	13	5	1	0	6		
November	-	8.4	8.6	8.5	3.590	.660	22nd	23	1	3	1	1	23	1	4	9	1	13	16	8	0	0	9		
December	-	8.5	8.9	8.7	4.140	.530	23rd	26	0	0	1	0	21	0	1	3	0	6	22	18	1	1	10		
Year	-	8.6	8.5	8.6	40.380	—	—	249	5	10	9	5	256	2	82	46	9	118	153	121	30	56	115		

DUBLIN (City).

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

1898.	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.			Tension of Vapour.			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° 144	46° 9	47° 8	47° 4	43° 9	51° 6	31° 9	1st	60° 8	30th	2° 2	2° 2	2° 2	in. 27° 1	in. 28° 1	in. 27° 6	% 84° 9	% 85° 2	% 85° 1	
February	29° 866	41° 2	41° 4	41° 3	37° 3	48° 5	28° 1	24th	59° 0	1st	2° 3	2° 4	2° 4	21° 4	21° 3	21° 4	81° 7	81° 5	81° 6	
March	° 909	41° 3	41° 4	41° 4	37° 1	48° 3	30° 8	5th	59° 3	18th	2° 4	2° 4	2° 4	21° 3	21° 4	21° 4	81° 8	82° 1	82° 0	
April	° 770	49° 3	48° 0	48° 7	43° 1	56° 3	33° 4	5th	64° 7	7th	3° 4	2° 8	3° 1	27° 0	26° 9	27° 0	77° 7	81° 3	79° 5	
May	° 796	51° 4	49° 7	50° 6	45° 1	57° 3	36° 0	16th	63° 7	8th	3° 3	2° 5	2° 9	29° 7	29° 5	29° 6	78° 5	83° 0	80° 8	
June	29° 916	58° 1	56° 7	57° 4	51° 4	64° 6	41° 8	2nd	74° 9	17th	4° 1	3° 1	3° 6	36° 5	37° 1	36° 8	75° 4	80° 5	78° 0	
July	30° 088	60° 7	59° 7	60° 2	54° 1	68° 0	44° 9	4th	75° 2	11th	4° 7	3° 8	4° 3	38° 7	39° 7	39° 2	73° 4	77° 7	75° 6	
August	29° 907	60° 8	59° 5	60° 2	54° 9	67° 8	47° 2	9th	75° 4	5th	3° 7	2° 9	3° 3	41° 8	42° 0	41° 9	78° 6	82° 4	80° 5	
September	° 979	59° 5	57° 9	58° 7	53° 3	67° 0	43° 0	25th	77° 8	6th	2° 7	2° 5	2° 6	42° 9	41° 0	42° 0	83° 8	84° 8	84° 3	
October	° 716	51° 7	51° 6	51° 7	48° 2	57° 4	40° 0	12th	64° 8	3rd	1° 6	1° 7	1° 7	34° 4	34° 1	34° 3	89° 4	89° 1	89° 3	
November	° 730	45° 4	45° 8	45° 6	40° 9	51° 5	29° 0	22nd	62° 7	2nd	1° 5	1° 4	1° 5	27° 5	28° 0	27° 8	89° 4	90° 1	89° 8	
December	29° 866	47° 5	46° 5	47° 0	43° 0	52° 1	32° 1	20th	58° 8	5th	2° 4	2° 5	2° 5	27° 5	26° 0	26° 8	83° 4	81° 9	82° 7	
Year	29° 891	51° 2	50° 5	50° 9	46° 0	57° 5	—	—	—	—	2° 9	2° 5	2° 7	31° 3	31° 3	31° 3	81° 5	83° 3	82° 4	

PARSONSTOWN (Birr Castle).

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

1898.	ins.	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	30.005	44.7	46.0	45.4	40.7	50.1	28.7	1st	56.6	31st	1.2	1.3	1.3	in. 27.4	28.4	27.9	90.9	90.5	90.7
February	29.769	41.3	40.4	40.9	34.7	48.7	22.8	23rd	55.3	1st	1.9	1.6	1.8	22.5	22.3	22.4	84.5	87.1	85.8
March	.808	40.7	38.9	39.8	32.9	47.5	21.6	8th	53.7	23rd	2.1	1.5	1.8	21.5	21.2	21.4	82.7	87.3	85.0
April	.624	49.8	46.0	47.9	39.5	54.7	26.5	5th	65.9	21st	3.5	2.0	2.8	27.6	26.8	27.2	77.1	85.9	81.5
May	.678	52.1	48.8	50.5	42.4	57.1	31.2	16th	68.0	24th	3.6	2.0	2.8	30.2	30.1	30.2	77.1	86.5	81.8
June	.798	57.8	55.1	56.5	48.2	63.4	40.1	2nd	72.6	10th	3.6	2.1	2.9	37.8	37.9	37.9	78.6	86.6	82.6
July	.973	61.1	58.3	59.7	51.1	66.8	38.7	4th	75.3	11th	4.0	2.1	3.1	41.6	42.7	42.2	77.1	87.0	82.1
August	.773	60.8	57.7	59.3	52.5	66.1	42.5	9th	71.6	13th	3.4	2.1	2.8	43.1	41.8	42.5	80.3	86.6	83.5
September	.841	60.0	56.3	58.2	51.0	66.2	36.8	23rd	77.9	6th	3.0	2.0	2.5	43.0	40.2	41.6	82.2	87.1	84.7
October	.574	51.3	50.4	50.9	45.9	57.3	31.7	12th	68.6	4th	1.6	1.6	1.6	34.1	33.2	33.7	89.1	89.5	89.3
November	.600	44.4	44.2	44.3	38.0	50.3	26.3	22nd	59.5	2nd	1.1	1.2	1.2	27.6	27.1	27.4	91.7	90.6	91.2
December	29.740	45.2	45.1	45.2	40.2	50.6	28.0	20th	58.2	5th	1.3	1.5	1.4	27.8	27.2	27.5	90.0	89.5	89.8
Year	29.765	50.8	48.9	49.9	43.1	56.6	—	—	—	—	2.5	1.8	2.2	32.0	31.6	31.8	83.4	87.9	85.7

VALENCIA.

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

1898.	ins.	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	30.160	47.6	48.5	48.1	46.1	50.4	35.1	2nd	54.5	30th	1.1	1.3	1.2	in. 30.8	31.3	31.1	92.6	91.2	91.9
February	29.998	45.0	45.1	45.1	41.3	49.0	32.6	23rd	53.0	1st	2.0	2.4	2.2	25.8	25.2	25.5	84.9	82.8	83.9
March	.982	42.6	43.1	42.9	38.5	47.7	30.3	8th	53.7	18th	2.2	2.5	2.4	23.3	23.2	23.3	83.4	81.7	82.6
April	.776	48.6	47.7	48.2	42.6	53.1	30.9	1st	57.6	21st	2.5	1.9	2.2	28.4	28.8	28.6	82.7	86.5	84.6
May	.857	51.7	50.9	51.3	46.5	56.1	36.5	14th	63.2	25th	3.1	2.6	2.9	30.9	31.0	31.0	80.0	83.1	81.6
June	29.981	57.6	55.8	56.7	51.6	62.0	45.6	9th	70.2	13th	3.1	2.0	2.6	38.8	39.0	38.9	81.2	86.8	84.0
July	30.152	61.7	59.9	60.8	55.2	66.6	44.3	5th	74.3	10th	3.3	2.3	2.8	44.5	44.4	44.5	80.8	85.9	83.4
August	29.937	61.5	59.6	60.6	55.9	65.6	49.0	16th	71.9	18th	2.8	2.0	2.4	45.9	45.3	45.6	83.8	88.1	86.0
September	.987	60.5	59.6	60.1	55.9	65.1	47.3	23rd	75.0	5th	2.9	2.8	2.9	44.2	43.0	43.6	83.2	84.0	83.6
October	.696	53.7	52.9	53.3	49.2	57.9	41.7	11th	64.6	7th	1.9	1.9	1.9	36.6	35.4	36.0	88.0	87.3	87.7
November	.762	48.1	48.6	48.4	44.1	52.2	34.1	22nd	59.5	10th	1.9	2.0	2.0	29.8	30.1	30.0	87.2	86.2	86.7
December	29.917	48.4	49.0	48.7	45.9	51.7	35.1	21st	55.3	5th	1.4	1.4	1.4	30.9	31.6	31.3	89.5	90.1	89.8
Year	29.934	52.3	51.7	52.0	47.7	56.5	—	—	—	—	2.4	2.1	2.3	34.2	34.0	34.1	84.8	86.1	85.5

DUBLIN (City).

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

1898.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	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	6.8	6.3	6.6	ins. 1.786	ins. .498	2nd	14	0	0	0	2	12	4	0	1	3	2	12	25	13	0	6	
February	5.3	4.8	5.1	1.743	.576	17th	18	4	4	0	4	4	5	2	0	2	0	2	8	32	10	0	
March	5.7	5.1	5.4	1.041	.231	27th	16	9	8	0	5	8	2	7	11	1	2	1	8	19	10	3	
April	5.9	5.5	5.7	2.666	.956	30th	16	0	1	1	4	8	2	2	2	8	6	10	8	16	6	2	
May	7.1	5.7	6.4	3.332	.669	2nd	20	0	5	1	1	8	0	9	10	5	7	3	2	15	10	1	
June	6.6	5.1	5.9	1.547	.429	5th	14	0	2	2	2	6	0	6	6	2	6	7	9	13	9	2	
July	5.9	5.1	5.5	0.945	.342	22nd	8	0	0	1	3	5	1	6	4	8	3	1	2	19	17	2	
August	5.7	5.6	5.7	3.456	.991	25th	18	0	0	1	3	4	4	2	2	5	0	10	10	18	14	1	
September	5.7	3.6	4.7	1.452	.523	8th	13	0	0	0	4	4	3	2	1	4	13	4	8	20	7	1	
October	6.7	5.7	6.2	3.579	.808	17th	19	0	0	0	7	13	2	1	4	12	11	1	10	13	4	6	
November	5.9	6.0	6.0	4.435	1.732	23rd	17	3	3	1	5	9	2	2	4	6	5	7	12	16	6	2	
December	6.3	5.4	5.9	1.066	.260	26th	21	0	0	0	2	7	5	1	0	0	2	7	22	25	4	1	
Year	6.1	5.3	5.7	27.048	—	—	194	16	23	7	42	88	30	40	45	56	57	65	124	219	97	27	

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

Stations.					Air Temperature.										Humidity.															
Name.	Height above Mean Sea Level.	Long.	Lat.	Mean Pressure at 32° Fahrenheit.	Means of				Absolute Min. and Max.				Depression of Wet Bulb.		Tension of Vapour.				Percentage.											
					9 a.m.		9 p.m.		Mean.		Min.		Max.		Date.		Date.		9 a.m.		9 p.m.		Mean.		9 a.m.		9 p.m.		Mean.	
					in.	ms.	in.	ms.	in.	ms.	in.	ms.	in.	ms.	in.	ms.	in.	ms.	in.	ms.	in.	ms.	in.	ms.	in.	ms.	in.	ms.	in.	ms.
Deerness	160	2 45 W.	58 56 N.	29.666	46.6	45.5	46.1	41.8	50.1	26.8	Feb. 20th	71.0	Sept. 5th	2.2	1.8	2.0	2.7	2.7	2.7	84.3	86.9	85.6								
Lairg	387	4 24 W.	58 2 N.	29.378	47.2	43.8	45.5	38.6	54.0	10.2	Nov. 29th	86.2	Sept. 5th	2.5	1.5	2.0	2.7	2.7	2.7	84.3	86.9	85.6								
Dunrobin Castle	12	3 56 W.	57 59 N.	29.821	47.7	46.6	47.2	41.7	53.1	23.0	Nov. 29th	75.0	Sept. 18th	2.6	2.3	2.5	2.8	2.7	2.7	82.3	83.2	82.8								
Gordon Castle	101	3 5 W.	57 37 N.	29.721	49.3	46.6	48.0	40.8	54.8	19.5	Feb. 21st	82.1	Sept. 5th	4.1	3.0	3.6	2.6	2.6	2.6	73.3	78.7	76.0								
Strathpeffer Spa	253	4 28 W.	57 37 N.	29.537	47.7	45.4	46.6	40.4	53.2	20.9	Nov. 29th	80.1	Sept. 6th	2.5	1.6	2.1	2.8	2.7	2.7	83.3	88.1	85.7								
Glencarron	489	5 14 W.	57 30 N.	29.308	—	—	—	40.5	52.4	17.6	Nov. 29th	80.6	Sept. 6th	—	—	—	—	—	—	—	—	—								
Aberdeen	46	2 6 W.	57 10 N.	29.757	47.9	46.7	47.3	42.2	52.6	23.7	Feb. 24th	78.4	Sept. 3rd	3.4	2.7	3.1	2.6	2.6	2.6	76.7	80.8	78.8								
Fort Augustus	68	4 40 W.	57 8 N.	29.768	47.1	47.3	47.2	41.0	54.2	11.0	Nov. 29th	81.0	Sept. 6th	2.4	2.3	2.4	2.7	2.7	2.7	82.7	85.3	84.0								
Braemar	1,111	3 24 W.	57 0 N.	28.648	44.8	43.9	44.4	37.4	51.4	2.5	Feb. 24th	80.0	Sept. 4th	3.0	2.4	2.7	2.4	2.4	2.4	79.6	82.5	81.1								
Fort William	31	5 7 W.	56 49 N.	29.818	47.9	43.0	48.0	43.1	54.0	21.1	Nov. 29th	79.7	Sept. 6th	2.6	2.7	2.7	2.7	2.7	2.7	82.1	81.4	81.8								
Ben Nevis	4,405	5 0 W.	56 48 N.	25.343	32.6	32.3	32.5	29.1	36.2	9.6	Feb. 20th	62.6	Sept. 6th	0.8	0.6	0.7	1.8	1.7	1.7	92.3	93.9	93.1								
Lednathie	719	3 7 W.	56 45 N.	29.075	46.3	44.3	45.3	37.9	53.1	11.5	Nov. 29th	81.0	Sept. 4th	3.0	2.1	2.6	2.5	2.5	2.5	79.0	84.6	81.8								
Laudale	14	5 41 W.	56 41 N.	29.830	49.4	48.7	49.1	43.2	55.0	22.7	Feb. 23rd	77.7	Sept. 6th	2.5	2.3	2.4	3.0	2.9	2.9	82.9	84.1	83.5								
Dundee	160	2 56 W.	56 28 N.	29.695	48.7	46.6	47.7	41.5	54.8	21.3	Nov. 29th	81.6	Sept. 4th	2.6	1.9	2.3	2.9	2.8	2.8	82.5	86.5	84.5								
Ochertyre	329	3 53 W.	56 23 N.	29.509	48.5	46.0	47.3	40.7	56.4	20.0	Nov. 29th	83.0	Sept. 4th	2.2	2.2	2.7	2.7	2.7	2.7	79.4	84.2	81.8								
Poltalloch	132	5 30 W.	56 8 N.	29.738	49.2	47.7	48.5	43.2	54.8	22.4	Nov. 29th	76.3	Sept. 4th	2.6	2.0	2.3	2.9	2.8	2.8	82.5	86.5	84.5								
Edinburgh	253	3 12 W.	55 57 N.	29.586	49.1	47.8	48.5	43.1	55.2	20.3	Nov. 29th	82.8	Sept. 5th	3.0	2.4	2.7	2.8	2.8	2.8	79.9	82.8	81.4								
Glasgow	180	4 18 W.	55 53 N.	29.685	48.3	47.7	48.0	43.7	53.9	24.5	Nov. 29th	77.5	Sept. 6th	2.9	2.4	2.7	2.8	2.8	2.8	80.9	83.2	82.1								
Rosewell	690	3 7 W.	55 51 N.	29.142	48.0	45.1	46.6	39.7	53.8	19.0	Feb. 21st	84.0	Sept. 4th	2.3	1.4	1.9	2.8	2.8	2.8	84.0	89.4	86.8								
Rothesay	115	5 4 W.	55 50 N.	29.763	49.2	47.2	48.2	42.9	55.4	25.5	Nov. 29th	79.0	Sept. 6th	2.2	1.7	2.0	3.0	2.9	2.9	82.1	87.6	86.3								
Marchmont	498	2 25 W.	55 44 N.	29.345	47.8	46.3	47.1	40.0	54.3	17.0	Feb. 24th	82.0	Sept. 5th	2.7	2.0	2.4	2.7	2.7	2.7	81.5	85.5	83.5								
Ladylaw	447	2 47 W.	55 28 N.	29.390	48.1	46.3	47.2	39.3	55.5	15.2	Feb. 24th	81.6	Sept. 5th	1.6	1.4	1.5	3.1	2.9	2.9	88.2	89.3	88.8								
Cockle Park (Morpeth)	324	1 41 W.	55 13 N.	29.550	48.3	45.9	47.1	40.2	54.5	23.0	Nov. 29th	81.0	Sept. 4th	2.6	1.3	2.0	2.8	2.8	2.8	83.3	90.2	86.8								
Pinnore	187	4 49 W.	55 12 N.	29.699	49.5	46.8	48.2	41.5	55.6	17.6	Nov. 29th	77.0	Sept. 5th	2.5	1.3	1.9	3.0	2.9	2.9	83.5	90.6	87.1								
Glenlee	203	4 12 W.	55 5 N.	29.695	49.0	47.0	48.0	40.6	55.3	17.0	Nov. 29th	75.5	Sept. 5th	2.6	1.7	2.2	2.9	2.9	2.9	82.0	87.5	84.8								
Cargen	72	3 37 W.	55 2 N.	29.828	49.5	49.0	49.2	41.7	56.3	19.0	Nov. 29th	80.0	Sept. 6th	2.2	1.9	2.1	3.4	3.0	3.0	84.1	87.0	85.6								
Seaham	139	1 19 W.	54 50 N.	29.759	50.6	48.2	49.4	43.3	55.3	24.4	Feb. 21st	83.6	Sept. 17th	3.2	2.1	2.7	3.2	2.9	2.9	85.1	88.4	86.5								
Durham	336	1 35 W.	54 46 N.	29.530	49.5	47.1	48.3	41.1	56.0	19.9	Feb. 21st	84.8	Sept. 4th	2.5	1.5	2.0	3.0	3.0	3.0	83.5	89.5	86.5								
Gilerux	261	3 23 W.	54 44 N.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—									
Rounton, Yorks	242	1 18 W.	54 24 N.	29.661	49.0	46.7	47.8	40.9	55.3	21.7	(Feb. 21st)	81.8	Sept. 17th	2.6	1.7	2.2	2.9	2.8	2.8	82.3	87.4	84.9								
Aysgarth	646	1 58 W.	54 18 N.	29.213	48.1	46.2	47.2	41.1	53.8	22.5	Dec. 31st	79.5	Sept. 4th	3.0	2.2	2.6	2.7	2.7	2.7	79.6	83.7	81.7								
Scarborough	219	0 24 W.	54 18 N.	29.711	49.6	47.7	48.7	42.8	54.8	23.4	Feb. 24th	81.5	Sept. 17th	2.6	1.9	2.3	3.0	2.9	2.9	83.3	87.0	85.2								
Cronkbourne	137	4 29 W.	54 10 N.	29.781	51.7	49.1	50.4	44.5	55.7	26.0	(Nov. 29th)	73.5	Sept. 5th	1.8	1.0	1.4	3.4	3.1	3.1	88.0	92.5	90.3								
Heysham	95	2 54 W.	54 3 N.	29.826	50.3	48.8	49.6	44.3	56.4	25.7	Dec. 31st	80.0	Sept. 5th	2.4	1.8	2.1	3.1	3.1	3.1	84.3	87.7	86.1								
York (Museum)	56	1 5 W.	53 57 N.	29.886	50.0	49.0	49.5	42.8	56.7	24.9	Feb. 21, 25	84.0	Sept. 17th	3.0	2.3	2.7	2.9	2.9	2.9	80.3	84.0	82.2								
Stonyhurst	375	2 28 W.	53 51 N.	29.564	49.0	48.0	48.5	43.4	54.1	25.5	Feb. 21st	77.4	Aug. 12th	2.7	2.3	2.5	2.6	2.6	2.6	81.9	84.0	83.0								
Wakefield	96	1 30 W.	53 41 N.	29.848	50.3	49.2	49.7	42.4	56.8	23.0	Feb. 21st	83.4	Aug. 12th	3.3	2.5	2.9	2.9	2.9	2.9	82.4	86.3	84.7								
Prestwich	320	2 17 W.	53 32 N.	29.595	49.4	48.2	48.8	42.9	55.4	17.4	Feb. 21st	81.0	Aug. 12th	2.6	1.9	2.3	3.0	3.0	3.0	83.0	86.3	84.7								
Manchester	190	2 13 W.	53 29 N.	29.753	50.1	51.0	50.6	45.6	56.4	24.6	Feb. 21st	82.3	Aug. 12th	3.2	2.3	2.7	2.9	2.9	2.9	82.4	86.3	84.7								
Bidston (Liverpool)	188	3 4 W.	53 24 N.	29.736	50.3	49.7	50.0	44.0	55.1	24.2	Feb. 21st	82.3	Aug. 12th	3.2	2.3	2.7	2.9	2.9	2.9	82.4	86.3	84.7								
Tealby	251	0 16 W.	53 24 N.	29.666	49.1	47.5	48.3	42.8	55.6	24.7	Feb. 21st	86.9	Sept. 8th	3.2	2.5	2.9	2.9	2.9	2.9	82.4	86.3	84.7								
Sheffield	429	1 29 W.	53 23 N.	29.477	50.0	49.0	49.5	43.7	56.0	25.8	Feb. 21st	82.1	Sept. 17th	1.8	1.3	1.6	3.1	3.1	3.1	87.4	90.1	88.8								
Llandudno	72	3 50 W.	53 21 N.	29.843	52.1	51.1	51.6	46.0	56.6	28.0	Feb. 21st	81.0	Sept. 5, 16	3.3	2.8	3.5	3.0	3.0	3.0	81.4	84.5	83.0								
Buxton	387	1 54 W.	53 14 N.	28.877	48.8	47.2	48.0	40.1	54.7	19.5	Mar. 9th	80.2	Sept. 8th	2.8	2.2	2.5	3.1	3.1	3.1	81.2	84.1	82.9								
Chester	59	2 54 W.	53 12 N.	29.889	51.1	49.2	50.2	43.8	57.8	24.8	Mar. Mar																			

PART IV.

TABLE showing the NUMBER of HOURS of BRIGHT SUNSHINE during 1898, at those STATIONS which are supplied with SUNSHINE RECORDERS, together with the PERCENTAGE of its possible DURATION.

Station.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		Year.		Station.
	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	
Deerness.	34	16	49	19	130	36	121	28	201	39	124	23	138	26	170	36	107	28	99	32	53	23	12	7	1238	28	Deerness.
Strathpeffer Spa.	45	21	60	23	94	26	106	25	163	32	128	24	157	29	145	31	133	35	127	41	52	23	—	—	—	—	Strathpeffer Spa.
Aberdeen.	40	18	121	47	140	39	97	23	199	39	167	32	195	37	171	37	145	38	85	27	56	24	40	20	1456	33	Aberdeen.
Fort Augustus.	17	8	40	15	83	23	102	24	155	31	139	26	173	33	120	26	128	34	104	33	34	14	11	5	1106	25	Fort Augustus.
Braemar*.	27	12	65	25	96	27	106	25	180	36	178	34	203	39	153	33	161	43	85	27	46	20	13	6	1313	30	Braemar*.
Fort William.	14	6	49	19	104	29	117	28	212	42	169	32	198	38	119	26	125	33	90	29	34	13	11	6	1240	28	Fort William.
Ben Nevis.	11	5	19	7	43	12	33	8	149	30	116	22	141	27	44	9	88	23	76	24	33	14	12	6	765	17	Ben Nevis.
Dundee.	39	17	77	29	98	27	90	21	151	30	149	29	218	42	121	26	124	33	74	23	39	16	54	26	1234	28	Dundee.
Edinburgh.	23	10	90	34	96	27	94	22	159	32	143	28	192	37	143	31	102	27	65	21	28	12	12	6	1147	26	Edinburgh.
Glasgow.	17	7	82	31	83	23	93	22	203	41	156	30	212	41	122	27	72	19	45	14	18	7	15	7	1118	25	Glasgow.
Marchmont.	22	9	94	36	122	34	112	27	167	33	163	32	224	43	169	37	106	28	65	20	44	18	40	19	1328	30	Marchmont.
Cockle Park (Morpeeth).	39	16	98	37	135	37	104	25	147	30	115	23	207	40	152	33	101	27	69	22	46	19	48	22	1261	29	Cockle Park (Morpeeth).
Durham.	41	17	101	38	118	33	129	31	148	30	137	27	209	41	157	34	107	28	76	24	55	23	51	24	1329	30	Durham.
Gilrux.	16	7	69	26	125	35	114	27	177	36	168	33	208	41	136	30	117	31	93	29	—	—	—	—	—	—	Gilrux.
Scarborough.	42	17	102	38	106	29	106	25	178	36	147	29	202	40	155	34	141	38	89	28	40	16	35	16	1343	30	Scarborough.
Cronkbourne.	27	11	93	35	162	44	161	39	218	44	203	40	256	51	150	33	124	33	79	25	57	23	38	17	1568	36	Cronkbourne.
York.	17	7	86	32	121	33	100	24	146	30	151	30	210	42	141	31	125	33	66	21	31	12	18	8	1212	28	York.
Stonyhurst.	17	7	88	33	141	39	129	31	175	36	166	33	216	47	145	32	116	31	73	23	48	19	29	13	1363	31	Stonyhurst.
Prestwich.	7	3	64	24	93	26	114	27	160	33	144	29	208	41	126	28	119	32	48	15	38	15	19	8	1140	26	Prestwich.
Manchester (City)*.	4	2	45	17	82	23	125	30	160	33	152	30	224	45	150	33	116	31	56	17	59	23	34	15	—	—	Manchester (City)*.
Bidston (Hoylake)†.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Bidston (Hoylake)†.
Sheffield.	37	15	74	27	74	20	122	29	142	29	159	32	206	41	138	31	144	38	56	17	44	17	46	20	1242	28	Sheffield.
Llandudno.	46	19	89	33	164	45	172	42	179	37	204	41	247	49	152	34	157	42	91	28	65	26	44	19	1610	37	Llandudno.
Buxton*.	29	12	40	15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Buxton*.
Chester.	24	10	105	39	129	35	150	36	172	35	195	39	225	45	166	37	152	41	63	20	60	24	46	20	1487	34	Chester.
Belvoir Castle*.	42	17	99	37	108	30	162	39	152	31	189	38	204	41	184	41	217	58	94	29	67	26	64	28	1582	36	Belvoir Castle*.
Hillington.	27	11	97	36	111	30	163	39	172	35	156	31	187	37	180	40	191	51	93	29	73	29	50	22	1500	34	Hillington.
Churchstoke.	47	19	106	39	114	31	165	40	163	34	205	41	264	53	157	35	196	52	55	17	50	20	49	22	1571	36	Churchstoke.
Edglaston.	32	13	76	28	55	15	133	32	101	21	130	26	146	30	115	26	160	43	36	11	38	15	37	16	1059	24	Edglaston.
Geldeston.	31	12	96	35	118	32	156	38	170	35	150	30	187	38	210	47	196	52	116	36	81	32	65	28	1576	36	Geldeston.
Hollesley Bay.	29	11	101	37	133	37	192	47	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Hollesley Bay.
Woburn (Aspley Guise)†.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Woburn (Aspley Guise)†.
Bennington*.	31	12	98	36	120	33	170	41	164	34	179	36	226	46	228	51	234	63	97	30	82	32	59	25	1688	38	Bennington*.
Cheltenham*.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Cheltenham*.
St. David's (St. Ann's Head)*.	36	14	80	29	152	42	184	45	184	38	260	53	255	52	144	32	175	47	87	27	61	24	46	20	1664	38	St. David's (St. Ann's Head)*.
Berkhamsted.	22	9	68	25	98	27	153	37	145	30	156	32	207	42	202	45	207	55	72	22	59	23	39	17	1428	32	Berkhamsted.
Kew.	27	11	69	24	93	26	144	35	147	31	166	34	212	43	206	46	210	55	68	21	60	22	51	21	1453	33	Kew.
Norwood (Wallington)*‡.	30	12	61	22	82	23	107	41	141	30	163	33	212	43	234	53	231	62	83	25	72	27	48	20	1524	35	Norwood (Wallington)*‡.
Rede Court (Rochester).	41	16	87	32	120	33	178	43	138	29	154	32	181	37	232	52	226	60	103	32	82	31	49	21	1591	36	Rede Court (Rochester).
Woolacombe.	29	11	46	17	117	32	176	43	162	34	205	42	234	48	130	29	—	—	—	—	—	—	—	—	—	—	Woolacombe.
Southampton.	23	9	89	32	95	26	169	41	156	33	208	43	241	49	205	46	220	59	78	24	62	24	48	20	1594	36	Southampton.
St. Leonards.	47	18	91	33	126	35	190	46	154	32	184	38	215	44	255	57	238	64	92	28	85	33	50	21	1727	39	St. Leonards.
Eastbourne.	48	19	97	35	129	35	192	47	160	34	183	37	235	48	263	59	247	66	84	26	83	32	47	20	1768	40	Eastbourne.
Rosdon.	26	10	96	35	129	35	192	47	160	34	183	37	235	48	263	59	247	66	84	26	83	32	47	20	1768	40	Rosdon.
Plymouth.	40	15	81	29	134	37	181	44	169	36	234	48	262	54	177	40	213	57	93	28	76	29	47	19	1707	39	Plymouth.
Falmouth.	47	18	100	36	167	46	219	53	199	42	256	53	268	55	195	44	207	56	99	30	77	29	61	25	1895	43	Falmouth.
Armagh.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Armagh.
Markree.	30	12	83	31	117	32	152	36	179	37	131	26	171	34	146	32	137	37	76	24	53	21	40	18	1315	30	Markree.
Dublin (Phoenix Park).	18	7	59	22	133	37	146	35	191	39	148	29	170	34	115	25	136	36	89	28	45	18	24	11	1274	29	Dublin (Phoenix Park).
Parsonstown.	49	20	101	37	130	36	151	36	183	38	194	39	235	47	163	36	179	48	95	30	66	26	53	23	1599	36	Parsonstown.
Valencia.	16	7	73	27	145	40	162	39	162	34	195	40	193	39	144	32	150	40	112	34	67	26	22	10	1441	33	Valencia.

* At Braemar, 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, is employed. † The values for Bidston, are those obtained from the Sunshine Recorder at Hoylake. ‡ The values for Woburn, are those obtained from the Sunshine Recorder at Aspley Guise. § The values for St. David's, are those obtained from the Sunshine Recorder at St. Ann's Head, the Telegraphic Reporting Station. ¶ The values for Norwood, are those obtained from the Sunshine Recorder at Wallington.