

Official, No. 78.



# METEOROLOGICAL OBSERVATIONS

AT

STATIONS OF THE SECOND ORDER

For the Year 1884.

449/2  
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Published by Direction of the Meteorological Council.

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1888.

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## ERRATA.

- Page 19. Parsonstown, Remarks :—28th. Insert “✕” before 9a.” ✓  
 „ 40. Stonyhurst, Remarks :—9th. Insert “▲” before 9a.” ✓  
 „ 94. Southampton, Wind, 9 a.m. :—1st. For “NNW” read “WNW.” ✓  
 „ 103. Scarborough, Wind, 9 p.m. :—28th. For “SS” read “SSW.” ✓  
 „ 131. Killarney, Remarks :—18th. After “●” insert “(gale).” ✓

## OBSERVATIONS

AT

## STATIONS OF THE SECOND ORDER, 1884.

### Part I.—Detailed Observations.

THE list of stations, observations from which are published *in extenso* on Form A., differs from that for 1883 by the substitution of Southbourne for Strathfield Turgiss (the observer at the latter station finding himself unable longer to continue the evening observations), and by the addition of Stonyhurst and Armagh. Till the end of 1883 the continuous records from the two last-named stations have been published in the “Quarterly Weather Report” and in the “Hourly Readings,” and it is only from January 1884 that they rank as Stations of the Second Order.

The general plan of the publication is the same as in previous years, including, as in 1883, the printing of the individual barometer readings to the nearest second place of decimals only. This is in accordance with a recent resolution of the Meteorological Council, and it should be observed that in making the required alterations, whenever the third figure of the reading, as corrected and reduced, was 4 or less it has been thrown away; if 5 or more the second figure has been increased by one. 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 .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 nearest the truth.

As before, the examination and correction if required, of the observations made at the stations belonging to the Scottish Meteorological Society has been completed by Mr. Buchan, F.R.S.E., the Secretary of that Society, while the reduction of the observations has been carried out in the Meteorological Office.

With regard to these stations, it should be observed also, as in previous years, that the observations were taken originally with a view to their publication as monthly sums and means only, and not *in extenso*, and that in consequence the same amount of minuteness was not in every case insisted upon as at other stations. Thus, at Dundee the barometer was read to hundredths of an inch only, while at Dunrobin Castle and Rothesay the wind-force and the cloud-amount were omitted. At Pinmore also the amount of cloud was not recorded, but observations of the wind-force were made. At this station, as at Braemar and Dundee, the scale for wind-force employed is that known as the land scale, 0–6, and the entries under this head have therefore been multiplied by two to make them comparable with observations under the Beaufort scale. Steps have been taken to bring the future returns at all these stations into still closer accordance with the rest of the system.

The corrections which have been applied to the readings of the various instruments at these stations were determined by Mr. Buchan, the Inspector for Scotland and







The height given as that of the station above Mean Sea Level is, in most cases, that of the ground on which the rain gauge stands. This height may be taken to be very nearly identical with that of the station generally.

Figures printed in *italic type* are interpolations, obtained by careful comparison of the Returns from adjacent stations. These probable readings have been used in obtaining the monthly means.

The extremes of the Minimum Temperature, Maximum Temperature, Relative Humidity, and Rainfall are, as in previous years, printed in **Egyptian type**.

The following is the complete list for the year of those stations from which returns are available for publication *in extenso* on Form A. As before, the stations are given in the order of latitude, beginning with the most Northerly, but starting afresh for the Irish Stations.

Stations.	Observers.
†Dunrobin Castle - - -	Mr. D. Melville (for the Duke of Sutherland, K.G.).
†Braemar - - -	James Aitken, Esq.
Laudale, Argyleshire - - -	Mr. A. Fletcher (for T. H. G. Newton, M.A., F.R.Met.Soc.).
†Dundee - - -	W. Ross M'Kelvie, Esq.
†Rothesay, Isle of Bute - - -	James Kay, Esq.
†Pinnmore, Ayrshire - - -	Mr. Peter Donald.
*Scaleby (near Carlisle) - - -	R. A. Allison, F.R.Met.Soc.
*Scarborough - - -	A. Rowntree, F.R.Met.Soc.
Cronkbourne (Douglas), Isle of Man - - -	A. W. Moore, M.A., F.R.Met.Soc.
Stonyhurst - - -	Rev. S. J. Perry, M.A., F.R.S.
*Wakefield - - -	H. Clarke, L.R.C.P., F.S.S., F.R.Met.Soc.
*Llandudno - - -	J. Nicol, M.D., F.R.Met.Soc.
*Buxton - - -	E. J. Sykes, M.B., F.R.A.S., F.R.Met.Soc.
*Hillington, Norfolk - - -	Rev. H. Ffolkes, M.A., F.R.Met.Soc.
Uppingham - - -	Rev. G. H. Mullins, M.A., F.R.Met.Soc.
*Churchstoke, Montgomeryshire - - -	P. Wright, F.C.S., F.R.Met.Soc.
Geldeston (Beccles) - - -	E. T. Dowson, F.R.Met.Soc.
*Cheltenham - - -	R. Tyrer, B.A., F.R.Met.Soc.
*Carmarthen - - -	G. J. Harder, M.D.
*Marlborough - - -	Rev. T. A. Preston, M.A., F.R.Met.Soc.
*Margate - - -	J. Stokes, F.R.Met.Soc.
Southampton (Ordnance Survey Office) - - -	Mr. J. T. Cook (for the Director General of Survey).
St. Leonards - - -	H. Colborne, M.R.C.S., F.R.Met.Soc.
*Southbourne - - -	T. A. Compton, B.A., M.D., F.R.Met.Soc.
*Babbacombe (Torquay) - - -	E. E. Glyde, F.R.Met.Soc.
*St. Aubin's, Jersey - - -	J. E. Vibert, M.A. ( <i>the late</i> ).
Londonderry - - -	J. Conroy, F.R.Met.Soc.
Armagh - - -	J. L. E. Dreyer, Ph.D., F.R.A.S.
Markree Castle, Sligo - - -	A. Marth, F.R.A.S. (for Colonel Cooper, F.R.A.S.).
Dublin - - -	J. W. Moore, M.D., F.R.Met.Soc.
Parsonstown (Birr Castle) - - -	G. Phillips (for the Earl of Rosse, F.R.S.).
*Killarney - - -	Rev. G. R. Wynne, M.A., F.R.Met.Soc.

The stations in the above list marked with an "\*" are in connexion with the Royal Meteorological Society, and those with a "†" are in connexion with the Scottish Meteorological Society. These Returns are published here under an arrangement which is fully detailed in the Report of the Meteorological Committee for 1874.



## OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

## DUNROBIN CASTLE.

Height above Mean Sea Level, 12 feet. Long 3° 59' W. Lat. 57° 57' N.

JANUARY 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour		Relative 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.	30° 48'	30° 29'	31° 3'	35° 8'	31° 3'	40° 5'	in.	in.	in.	in.	in.	in.	in.	
2	30° 14'	30° 01'	30° 14'	30° 01'	30° 14'	30° 01'	30° 14'	30° 01'	30° 14'	30° 01'	30° 14'	30° 01'	30° 14'	30° 01'	30° 14'	
3	29° 08'	29° 08'	29° 08'	29° 08'	29° 08'	29° 08'	29° 08'	29° 08'	29° 08'	29° 08'	29° 08'	29° 08'	29° 08'	29° 08'	29° 08'	
4	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
5	29° 11'	29° 22'	29° 11'	29° 22'	29° 11'	29° 22'	29° 11'	29° 22'	29° 11'	29° 22'	29° 11'	29° 22'	29° 11'	29° 22'	29° 11'	
6	30° 12'	30° 12'	30° 12'	30° 12'	30° 12'	30° 12'	30° 12'	30° 12'	30° 12'	30° 12'	30° 12'	30° 12'	30° 12'	30° 12'	30° 12'	
7	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
8	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
9	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
10	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
11	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
12	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
13	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
14	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
15	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
16	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
17	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
18	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
19	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
20	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
21	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
22	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
23	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
24	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
25	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
26	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
27	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
28	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
29	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
30	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
31	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	30° 08'	30° 17'	
Means	29° 7'06"	29° 6'76"	40° 1'	40° 5'	35° 8'	45° 8'	21° 7'	22° 7'	86° 5'	89° 3'					4° 7'30"	

## BRAEMAR.

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

JANUARY 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour		Relative 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	30° 48'	30° 32'	27° 7'	32° 7'	20° 7'	36° 1'	142	105	94	89	W	0° 5'	SW	0° 5'	7	
2	30° 13'	30° 05'	33° 2'	31° 0'	31° 0'	33° 7'	159	166	84	96	S	0° 5'	S	0° 5'	10	
3	30° 10'	30° 14'	33° 2'	31° 0'	31° 0'	33° 7'	159	166	84	96	S	0° 5'	S	0° 5'	10	
4	30° 17'	30° 13'	34° 7'	33° 7'	24° 1'	36° 4'	182	110	90	57	NE	1	NE	0° 5'	7	
5	29° 11'	29° 27'	42° 9'	43° 8'	33° 7'	46° 5'	267	236	97	82	SW	1	SW	10	8	
6	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
7	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
8	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
9	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
10	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
11	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
12	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
13	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
14	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
15	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
16	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
17	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
18	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
19	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
20	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
21	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
22	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
23	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
24	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
25	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
26	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
27	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
28	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
29	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
30	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
31	30° 17'	30° 17'	42° 4'	40° 6'	40° 5'	44° 5'	216	198	80	78	SW	1	SW	4	8	
Means	29° 7'49"	29° 7'03"	36° 1'	37° 4'	32° 7'	41° 9'	186	189	85° 7'	83° 3'					2° 6'	

## LAUDALE.

Height above Mean Sea Level, 14 feet. Long. 5° 41' W. Lat. 56° 41' N.

JANUARY 1884.

Day.	Barometer at 32° and M.S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	30° 44'	30° 21'	38° 3'	37° 2'	31° 0'	47° 2'	in.	in.	°/o	°/o	Calm	0	S	4	10	10	ins.	☼ <sup>0</sup> (mist) a. Day dull and gloomy.
2	30° 17'	30° 01'	36° 2'	36° 2'	33° 9'	37° 2'	191	208	89	97	Calm	0	SW	5	10	10	10	10	☼ <sup>0</sup> (mist) a. Day dull, with strong squalls.	
3	29° 09'	29° 06'	36° 9'	36° 9'	31° 3'	41° 2'	197	206	90	84	ESE	1	SW	6	9	10	10	10	☼ <sup>0</sup> Dull and gloomy.	
4	30° 08'	30° 07'	42° 7'	46° 9'	34° 8'	46° 9'	257	290	93	91	ESE	4	SSE	3	10	8	7	8	☼ <sup>0</sup> Stormy n. and p. ☼ <sup>0</sup> (mist) p.	
5	29° 53'	35° 50° 9'	35° 50° 9'	48° 1'	40° 2'	50° 9'	349	326	94	97	S	9	S	6	10	10	10	10	1340 ☼ <sup>0</sup> (mist) a. and p. Dull and gloomy.	
6	37° 6'	40° 47'	40° 47'	46° 0'	44° 0'	52° 6'	313	287	88	93	W	9	W	5	10	9	9	9	150 ☼ <sup>0</sup> Stormy n. and a. ☼ <sup>0</sup> (mist).	
7	71° 04'	41° 48'	41° 48'	40° 0'	46° 7'	247	231	94	88	Calm	0	WNW	3	9	7	7	7	7	540 ☼ <sup>0</sup> Dull and gloomy. ☼ <sup>0</sup> (select) p.	
8	72° 77'	50° 6'	51° 0'	39° 4'	51° 3'	356	304	97	97	SW	9	W	8	10	10	10	10	450 ☼ <sup>0</sup> before ga. ☼ <sup>0</sup> (mist).		
9	76° 06'	50° 1'	46° 2'	44° 9'	52° 3'	333	283	92	92	SW	5	W	4	9	8	8	8	240 ☼ <sup>0</sup> (mist) all day. [at night.		
10	88° 29° 78'	48° 0'	43° 8'	43° 2'	51° 2'	309	363	93	92	SW	6	W	7	9	9	9	9	390 ∞ a. ☼ <sup>0</sup> (mist) all day. ☼ <sup>0</sup> <		
11	29° 64'	30° 47'	47° 7'	45° 4'	40° 7'	54° 1'	294	292	89	96	SW	5	W	4	6	8	8	100	☼ <sup>0</sup> ga. ☼ <sup>0</sup> (mist) a. and p. Gloomy.	
12	30° 35'	37° 48° 0'	48° 0'	44° 5'	53° 2'	304	283	92	92	WSW	2	WSW	3	10	10	10	10	180 ☼ <sup>0</sup> (mist) all day. Dull and gloomy.		
13	30° 30° 30° 30'	38° 47° 8'	46° 0'	39° 9'	52° 2'	312	292	94	88	WSW	1	W	2	10	10	10	10	260 ☼ <sup>0</sup> (mist) all day. Dull and gloomy.		
14	32° 45'	47° 50° 2'	35° 0'	51° 0'	316	358	97	99	9	9	W	3	W	2	10	10	10	020 ☼ <sup>0</sup> (mist) all day. Dull and gloomy.		
15	52° 54'	47° 49° 2'	40° 3'	50° 4'	325	329	99	95	9	9	W	3	W	4	10	9	9	030 ☼ <sup>0</sup> (mist) all day. Dull and gloomy.		
16	53° 51'	48° 0'	43° 6'	43° 2'	49° 5'	309	277	93	97	WNW	2	SW	3	10	10	10	10	010 ☼ <sup>0</sup> Dull and gloomy. ☼ <sup>0</sup> (mist).		
17	43° 39'	44° 0'	48° 2'	41° 6'	48° 7'	283	327	98	98	S	3	SW	3	10	10	10	10	030 ☼ <sup>0</sup> (mist) all day. Dull and gloomy.		
18	36° 24'	48° 46° 8'	45° 9'	49° 6'	309	311	93	97	9	9	S	1	SW	2	10	10	10	350 ☼ <sup>0</sup> Dull and gloomy. ☼ <sup>0</sup> (mist) p.		
19	31° 30° 12'	45° 3'	50° 0'	41° 1'	50° 7'	301	356	96	99	WSW	2	SW	4	2	10	10	10	030 ☼ <sup>0</sup> from sp. Grey ∞ all over sky.		
20	07° 29° 80'	46° 8'	43° 0'	41° 9'	51° 8'	255	251	80	90	W	5	WSW	8	9	10	10	10	450 ☼ <sup>0</sup> till 7 p. (at its height about 5 a.), [and from Noon. < ▲ 1° 2' p.		
21	30° 15'	73° 45° 0'	49° 0'	39° 1'	52° 8'	220	294	77	85	W	5	SSW	8	10	10	10	10	660 ☼ <sup>0</sup> at night.		
22	29° 08'	61° 45° 0'	39° 0'	37° 5'	51° 5'	225	234	76	98	WSW	3	WSW	3	10	10	10	10	700 Very stormy n. ☼ <sup>0</sup> p.		
23	12° 15'	41° 0'	43° 0'	36° 9'	43° 3'	233	211	91	77	S	7	W	6	10	10	10	10	710 ☼ <sup>0</sup> (select) a. Bar. 28° 53' p. began to rise at 3.10 p., with ▲ from N., and shift of wind to NW.		
24	48° 30'	33° 8'	40° 2'	32° 0'	43° 7'	178	220	91	89	WNW	5	SW	7	10	10	10	10	610 ☼ <sup>0</sup> a. ☼ <sup>0</sup> a. ☼ <sup>0</sup> all day. ☼ <sup>0</sup> 2 p. [8 p.		
25	39° 01'	29° 07'	34° 5'	32° 3'	43° 8'	190	178	95	97	W	8	NW	4	8	8	8	8	800 ☼ <sup>0</sup> (gale) all day. The wildest day of the past 11 years. Bar. 27° 45' 8.20 p.		
26	28° 74'	27° 48'	32° 0'	36° 6'	26° 5'	172	189	95	86	S	2	S	2	10	10	10	10	800 ☼ <sup>0</sup> from 1 a. ☼ <sup>0</sup> a. and p.		
27	28° 35'	28° 65'	37° 2'	38° 3'	33° 0'	41° 8'	194	225	87	98	WNW	10	WNW	5	10	9	9	200 ☼ <sup>0</sup> a. ▲ showers at night.		
28	29° 18'	29° 53'	35° 8'	39° 2'	33° 9'	40° 7'	203	236	97	98	Calm	0	SW	3	10	3	3	300 ☼ <sup>0</sup> (select) from 6 a.		
29	30° 36'	36° 0'	45° 8'	35° 0'	47° 8'	212	289	100	94	SE	5	SW	7	10	7	7	7	680 ☼ <sup>0</sup> (gale) all day and night. ☼ <sup>0</sup> (select) showers.		
30	25° 45'	44° 7'	46° 0'	36° 8'	46° 8'	281	301	95	97	W	7	WSW	8	6	10	10	10	180 ☼ <sup>0</sup> (mist) ga. and op. Day dull and gloomy. Cir. from SW.		
31	29° 58'	29° 33'	45° 0'	42° 0'	41° 0'	46° 6'	277	263	100	98	S	3	SSE	1	10	10	10	020 ☼ <sup>0</sup> (mist) ga. and op. Day dull and gloomy. Cir. from SW.		
Means	29° 77° 6'	29° 74° 8'	43° 4'	43° 8'	38° 1'	48° 0'	263	270	92° 3'	93° 4'	4° 0'	4° 5'	9° 3'	9° 3'	11° 53° 0'					



## ROTHESAY.

Height above Mean Sea Level, 115 feet. Long.  $5^{\circ} 4' \text{ W.}$  Lat.  $55^{\circ} 50' \text{ N.}$

JANUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	30° 43	30° 24	30° 1	37° 6	37° 1	39° 8	in.	in.	%	%	SE	E	—	ins.	
2	30° 43	30° 24	30° 1	37° 6	37° 1	39° 8	in.	in.	%	%	SE	E	—	—	—	°55	
3	30° 12	30° 4	34° 3	35° 5	33° 8	38° 5	172	180	86	86	SE	E	—	—	—	450	Dull and chilly. ∞.
4	29° 01	30° 0	33° 0	37° 1	30° 8	37° 5	151	201	80	91	NE	E	—	—	—	450	Dull, with ☼ (sleet).
5	30° 03	30° 03	48° 8	39° 9	37° 1	50° 4	330	233	95	95	E	E	—	—	—	810	Dull and blowy, with ☼.
6	29° 03	29° 41	49° 2	47° 2	37° 1	49° 9	329	288	95	90	SSE	SW	—	—	—	340	Stormy, with ☼ a.
7	45	29° 06	46° 6	44° 9	37° 1	49° 4	285	265	90	90	W	NW	—	—	—	160	Chilly.
8	75	30° 00	43° 1	39° 1	37° 6	46° 0	224	187	80	79	SSW	Calm	—	—	—	335	Cloudy with ☼. U
9	70	29° 88	47° 0	50° 0	38° 1	50° 9	310	291	98	81	WSW	SW	—	—	—	118	Dull, mild and damp.
10	83	30° 04	52° 0	46° 6	44° 6	52° 4	328	273	84	87	SW	SW	—	—	—	166	Dull and damp.
11	97	29° 88	47° 2	43° 6	41° 1	47° 9	273	252	85	89	SW	SW	—	—	—	200	Dull and blowy.
12	29° 72	30° 16	33° 0	37° 1	33° 0	45° 0	188	201	100	91	W	NW	—	—	—	200	☼ ▲
13	30° 36	30° 39	41° 4	45° 3	35° 7	45° 5	231	259	89	86	NW	W	—	—	—	080	
14	36	31	44° 6	45° 3	43° 1	46° 0	269	288	93	96	W	W	—	—	—	125	Dull and mild.
15	23	42	48° 0	48° 0	44° 1	48° 5	310	310	96	96	WNW	W	—	—	—	040	Cloudy, mild and damp.
16	54	59	46° 6	47° 0	44° 1	48° 9	296	316	94	98	W	W	—	—	—	—	Dull and mild.
17	57	55	44° 1	42° 3	41° 6	49° 9	269	257	93	96	W	SW	—	—	—	—	Dull and mild.
18	47	44	42° 3	46° 4	40° 3	46° 6	257	294	96	94	Calm	Calm	—	—	—	050	Dull and damp.
19	42	37	46° 9	45° 4	42° 1	47° 9	263	260	83	87	SSW	SW	—	—	—	070	Dull.
20	33	30° 22	47° 5	46° 6	44° 4	48° 9	321	308	98	97	SW	SW	—	—	—	210	Dull.
21	13	29° 52	46° 1	47° 0	44° 1	51° 1	247	303	79	94	W	SW	—	—	—	098	Breezy. 2 (fierce gale) from 11. sep.
22	30° 24	30° 91	44° 1	50° 5	41° 1	51° 2	223	254	77	70	W	SW	—	—	—	375	2 (fierce gale) K a. Heavy [clouds.]
23	27° 5	30° 64	44° 3	41° 2	39° 6	52° 1	273	222	94	86	WSW	W	—	—	—	600	Dull and wet.
24	22	10	40° 0	41° 1	35° 7	47° 3	230	203	93	79	SE	W	—	—	—	590	Dull.
25	59	42	32° 0	43° 1	32° 0	41° 3	177	237	97	85	WNW	SW	—	—	—	320	☼ <sup>0</sup> showers.
26	29° 17	29° 13	37° 1	31° 5	31° 2	43° 1	166	166	74	94	W	SW	—	—	—	030	Stormy. T <sup>2a</sup> .
27	28° 75	27° 43	32° 0	31° 5	30° 2	45° 0	147	166	81	94	SE	SW	—	—	—	085	Dull. Town flooded. 2 (fierce [storm.]
28	28° 38	28° 62	35° 0	34° 0	30° 2	41° 0	148	176	72	89	W	W	—	—	—	110	☼
29	29° 21	29° 61	35° 5	38° 3	33° 2	40° 8	201	192	97	83	W	NW	—	—	—	442	
30	43	45	35° 0	43° 1	34° 2	50° 9	204	227	100	81	SE	W	—	—	—	805	☼ ☼ (sleet) and ☼.
31	37	59	42° 6	40° 6	34° 2	50° 9	206	212	76	84	W	W	—	—	—	050	☼ showers. T p.
31	29° 64	29° 36	40° 6	40° 1	39° 6	45° 5	225	240	89	97	SW	E	—	—	—	330	Dull and damp.
Means	29° 831	29° 800	41° 9	42° 2	37° 7	46° 9	241	240	88° 5	88° 5	—	—	—	—	—	7° 214	

PINMORE.

Height above Mean Sea Level, 187 feet. Long.  $4^{\circ} 49' W.$  Lat.  $55^{\circ} 12' N.$

JANUARY 1884.

1	36°50	30°34	33°4	32°4	32°4	38°3	*171	*142	89	77	N	0°5	NW	0°5	—	—	*060
2	30°13	30°05	34°3	26°4	26°4	36°2	*178	*143	89	100	SE	0°5	NE	0°5	—	—	*070
3	29°58	29°05	34°3	41°0	25°5	41°3	*178	*220	89	90	SE	0°5	SE	0°5	—	—	*750
4	30°01	30°04	43°0	46°9	40°4	47°2	*249	*304	90	95	SE	4	S	3	—	—	1°010
5	29°69	29°53	47°7	47°7	42°0	48°2	*308	*265	94	80	S	6	W	4	—	—	*300
6	°55	29°75	45°9	45°9	40°9	47°7	*264	*260	86	85	W	3	N	4	—	—	*090
7	*82	30°05	40°3	40°1	37°4	40°2	*221	*190	59	76	NW	6	NW	0°5	—	—	*190
8	*88	29°97	45°9	48°4	39°9	48°7	*293	*307	95	91	NW	0°5	NW	0°5	—	—	*160
9	29°94	30°17	49°8	46°4	43°4	52°1	*327	*271	91	87	W	3	W	0°5	—	—	*580
10	30°09	*01	45°1	44°0	40°4	46°4	*291	*259	97	90	W	0°5	W	6	—	—	*240
11	29°84	*21	38°6	40°1	35°5	44°3	*222	*206	95	83	N	4	N	0°5	—	—	*070
12	30°41	*45	41°3	44°4	38°4	45°2	*228	*265	88	91	W	3	NE	4	—	—	*210
13	*43	*39	44°0	44°5	43°8	45°2	*270	*253	94	87	W	0°5	NW	0°5	—	—	*180
14	*33	*47	46°9	46°9	43°8	47°2	*317	*304	99	95	W	3	W	0°5	—	—	*100
15	*60	*65	45°7	46°9	45°3	48°2	*291	*292	95	92	W	0°5	W	0°5	—	—	—
16	*62	*59	45°4	43°5	40°9	48°2	*276	*254	91	90	N	0°5	S	3	—	—	—
17	*53	*50	43°8	40°9	40°9	48°2	*265	*236	93	93	S	0°5	SW	0°5	—	—	*020
18	*47	*43	44°9	44°7	39°9	46°2	*269	*251	91	85	SW	0°5	SW	0°5	—	—	*260
19	*40	*33	47°5	46°7	44°3	48°2	*308	*295	95	93	NW	0°5	W	6	—	—	*100
20	*24	*07	45°9	46°9	45°3	49°2	*249	*269	81	85	NW	0°5	NW	8	—	—	*010
21	30°33	30°07	41°4	48°1	40°9	49°2	*219	*277	85	85	NW	0°5	NW	6	—	—	*400
22	29°84	29°70	45°1	41°0	40°6	49°2	*291	*242	97	94	SW	0°5	SW	3	—	—	*880
23	*30	*20	41°3	37°4	40°4	49°2	*245	*198	95	89	S	0°5	W	12	—	—	*690
24	*68	*55	35°3	39°3	35°3	40°3	*178	*266	86	86	W	6	NW	6	—	—	*230
25	29°29	29°21	35°6	35°1	30°5	40°3	*187	*179	80	87	NW	4	NW	4	—	—	*100
26	28°92	27°71	32°4	34°3	31°5	45°2	*162	*188	88	95	SW	3	W	12	—	—	1°270
27	28°72	28°86	34°8	33°4	32°5	40°3	*192	*171	95	89	NW	6	NW	6	—	—	*090
28	29°28	29°68	36°1	35°3	32°5	40°3	*187	*195	87	94	NW	0°5	NW	0°5	—	—	*190
29	*46	*56	37°2	43°5	31°5	50°1	*200	*244	90	86	S	3	NW	3	—	—	*360
30	*50	*71	42°5	39°1	38°0	46°2	*209	*200	74	84	NW	6	NW	3	—	—	*130
31	29°72	29°37	39°1	44°0	39°1	44°7	*217	*259	91	90	NW	0°5	NW	0°5	—	—	*700
Means	29°915	29°889	41°5	41°8	38°1	45°7	*241	*237	90°4	88°5		2°2	5°2	—	—	—	9°360

☉<sup>2</sup> at night.

☉<sup>2</sup> (very stormy) ☉

✱<sup>2</sup> ▲<sup>2</sup> showers.

☙ (very stormy) ☙

☙<sup>2</sup> (hurricane) began at 3 p. Great  
[damage done to the woods.

Squally, with ✱<sup>2</sup> showers.

☙<sup>2</sup> (fearful storm) ✱ p.

☙<sup>2</sup> ✱ all past n. ☙ a.

SCALEBY (NEAR CARLISLE).

Height above Mean Sea Level, 111 feet. Long.  $2^{\circ} 52'$  W. Lat.  $54^{\circ} 58'$  N.

JANUARY 1884.

JANUARY 1894.																	
Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	°	°	°	°	in.	in.	%	%					ins.		
2	30° 41	30° 35	37° 5	36° 5	35° 0	41° 0	° 206	° 186	92	87	E	2	E	3	10	10	Dull cold day.
3	30° 12	° 02	34° 5	29° 5	28° 0	37° 3	° 191	° 163	96	100	Calm	0	N	2	10	0	Dull during day. Bright evening.
4	29° 87	° 05	34° 5	36° 0	29° 0	37° 0	° 199	° 204	100	96	NE	3	E	6	10	0	
5	30° 12	30° 06	40° 0	43° 5	36° 0	44° 0	° 247	° 283	100	100	E	4	Calm	0	10	10	
6	29° 77	29° 56	50° 5	48° 5	43° 0	51° 8	° 307	° 318	100	94	S	4	SW	7	10	10	☉ till 1p. Squally 9p.
7	° 51	° 66	46° 5	43° 7	43° 5	49° 0	° 265	° 260	94	91	W	7	NW	6	10	6	Dull, with squally p.
8	° 79	° 84	42° 3	40° 5	40° 0	45° 5	° 254	° 204	95	82	SW	2	NW	2	7	8	Fine. ☐ p.
9	° 88	29° 95	42° 5	49° 0	37° 0	50° 0	° 241	° 248	89	100	SW	4	SW	5	10	10	Dull day. ☉ at night.
10	29° 97	30° 09	50° 0	49° 3	47° 3	52° 5	° 301	° 325	84	93	SW	6	SW	5	10	10	☉ Squally. Dull all day.
11	30° 03	29° 98	48° 5	46° 4	44° 0	52° 2	° 318	° 277	94	90	SW	8	SW	8	10	10	☉ a. Squally
12	29° 77	30° 10	36° 0	36° 0	35° 0	51° 0	° 193	° 185	92	86	SW	8	NW	2	8	0	☉ ☉ (sleet) showers.
13	30° 36	° 37	33° 8	42° 5	32° 0	44° 5	° 179	° 248	92	91	SW	2	SW	3	0	10	— Clear and bright.
14	° 35	° 33	43° 5	43° 3	42° 3	45° 0	° 269	° 265	95	95	SW	3	W	3	10	10	☉ Dull.
15	° 21	° 42	46° 5	47° 5	41° 2	49° 0	° 306	° 283	98	87	W	4	W	4	10	10	— Dull.
16	° 48	° 58	46° 0	45° 5	45° 0	48° 7	° 273	° 284	89	94	SW	4	W	2	10	10	— Dull.
17	° 57	° 57	44° 5	42° 5	42° 0	46° 0	° 286	° 263	98	97	W	2	SW	2	10	10	☉ Dull.
18	° 53	° 49	43° 0	43° 7	41° 5	45° 2	° 264	° 271	95	95	SW	3	SW	3	10	10	☉ Dull.
19	° 48	° 42	44° 5	44° 5	43° 6	47° 8	° 268	° 250	92	86	SE	2	SW	4	10	10	— Dull.
20	° 40	° 37	47° 0	47° 0	44° 0	48° 8	° 301	° 266	94	83	SW	4	SW	2	10	10	☉ Dull.
21	° 17	° 07	47° 1	47° 0	42° 5	50° 0	° 276	° 244	86	77	SW	6	SW	8	2	10	☉ Clear day. ☉ at night.
22	30° 25	30° 09	43° 0	47° 5	41° 9	49° 2	° 246	° 283	89	87	SW	6	SW	7	0	3	☉ ☉ 2 at night.
23	29° 77	29° 59	47° 0	41° 5	41° 0	54° 0	° 312	° 262	97	100	SW	8	Calm	0	10	10	☉ ☉ ☉ 2. ☉ 2.
24	° 35	28° 94	41° 0	42° 7	35° 0	50° 0	° 238	° 177	93	65	E	2	NW	10	10	8	☉ ☉ 2 (heavy gale) 5p.—7p. Squally.
25	° 65	29° 45	31° 5	38° 5	30° 0	42° 7	° 155	° 215	88	93	W	1	SW	8	5	5	☉ 180.
26	29° 26	29° 23	38° 3	34° 3	34° 0	42° 8	° 207	° 197	90	99	SW	8	SW	5	10	3	☉ 180.
27	28° 98	27° 80	32° 3	34° 5	28° 0	42° 0	° 167	° 182	92	91	NE	3	SE	10-12	3	10	☉ ☉ ☉ (gale) all day. ☉ 2 ☉
28	28° 55	28° 81	32° 5	34° 5	32° 0	36° 9	° 184	° 182	100	91	SW	6	SW	6	10	0	☉ ☉

SCARBOROUGH.

Height above Mean Sea Level, 129 feet. Long.  $0^{\circ} 23' W.$  Lat.  $54^{\circ} 17' N.$

JANUARY 1884.

1	30°44	30°28	39°6	37°0	36°2	39°6	°198	82	86	SE 3	ESE 3	10	10	°400	Dull, with cold wind.	
2	30°16	°06	36°7	38°5	34°3	38°5	°209	83	96	SW 1	SW 1	10	10	°510	☼ (mist) ga. Dull and cold. ● p.	
3	29°89	°00	41°6	42°7	37°5	43°1	°257	265	97	96	SE 1	S 1	10	10	°510	☼ till 1 p. Dull and mild.
4	30°14	30°13	41°9	44°7	40°7	44°7	°260	294	98	99	ESE 3	SE 1	10	10	°210	☼ till 1 p. ☼ p.
5	29°59	29°05	46°2	43°7	43°7	48°5	°360	396	98	91	SSW 2	SW 2	10	0	°200	☼ till 4 p., then fine.
6	°58	°57	46°6	44°8	44°0	48°9	°277	260	88	88	WSW 2	WNW 3	8	1	—	Fine day. Red sunset, and afterglow.
7	29°80	29°59	41°9	41°6	40°5	46°0	°208	231	80	89	W 2	W 1	3	6	—	Fine day and bright.
8	30°02	30°01	39°7	45°4	36°1	46°5	°204	283	84	94	SW 2	W 2	9	2	°070	Dull a. ● 1 p.—5 p.
9	°05	°13	47°6	50°9	44°8	52°0	°298	321	91	86	WSW 3	SW 1	10	10	°010	Dull and mild. ☼ most of day.
10	30°11	°09	49°1	50°0	48°4	52°5	°275	399	80	81	W 4	W 2	4	8	°040	Dull mid-day.
11	29°76	°03	41°1	39°9	38°6	50°1	°214	176	82	71	NW 5	NNW 5	7	0	—	Fine p., with dry wind.
12	30°29	°32	37°7	41°5	36°3	43°9	°167	215	74	83	NW 2	NW 1	1	0	—	Very fine day. Red sunset.
13	°35	°34	43°1	43°0	40°5	46°9	°239	237	85	82	NW 2	NW 1	8	7	—	Fine day. Red sunset.
14	°24	°33	44°9	46°6	41°0	51°5	°268	265	90	84	NW 2	NW 1	6	2	—	Fine day. ☼ 9 p.
15	°45	°55	48°0	48°5	44°3	50°6	°268	270	80	80	W 1	W 1	4	9	—	Very fine day. Brilliant sunset.
16	°58	°55	47°1	41°6	41°0	49°0	°269	245	84	94	NW 1	NW 1	9	1	—	Dull a. Fine p. ☼ 2 p.
17	°53	°51	37°6	42°9	35°9	44°3	°215	256	90	93	NW 1	W 2	4	4	—	Very fine and cold. ☼ (mist) 9 p.
18	°52	°48	44°0	44°5	42°0	46°9	°261	255	90	87	SW 1	SW 1	8	10	—	Dull day. ☼ (mist) 9 p.
19	°46	°45	44°4	46°6	41°6	47°6	°252	283	86	90	SW 1	W 2	6	10	—	
20	°24	°21	43°0	43°4	41°0	48°0	°258	238	94	84	W 3	WNW 3	5	1	—	
21	30°30	30°23	42°9	44°5	42°5	47°7	°199	262	73	90	NW 2	NW 2	6	10	—	
22	29°00	29°53	49°3	53°3	43°9	53°8	°315	370	90	91	SSW 3	WSW 4	10	10	°100	Dull and gloomy. ☼ p. ● from 6 p.
23	°51	28°70	40°7	43°7	37°5	53°8	°241	216	95	75	SW 4	SW 9	10	5	°560	☼ 2.30 a.—1.30 p. and 6 p. Squally [gale] from 6 p. ☼ 9 p.
24	°57	29°71	37°4	38°5	35°5	43°7	°156	199	70	86	WNW 4	NW 2	1	2	°010	Day bright. ☼ (mist) 9 p.
25	°33	29°27	42°0	35°1	33°8	43°2	°119	189	83	91	W 4	W 2	5	0	°100	☼ 9 p. [later.
26	29°08	28°20	34°9	41°7	33°2	45°3	°194	198	96	76	W 3	S 4	4	4	°190	☼ (SSE, force 8), p. ☼ 6.30 p. <
27	28°54	28°88	36°6	33°6	32°0	43°1	°154	154	72	81	NW 5	NW 2	6	0	°020	☼ showers.
28	29°58	29°09	38°4	36°4	32°7	41°4	°174	184	75	86	NW 3	WNW 2	3	0	—	Fine day.
29	°65	°53	37°7	40°4	33°7	52°0	°196	243	87	78	SW 2	WNW 5	10	0	°070	Dull a. ● ☼ showers till 5 p. Mild p.
30	°54	°79	50°1	47°7	33°0	50°5	°316	325	87	86	W 4	NNW 3	10	0	°090	Dull a. Fine day. ☼ (mist) 9 p.
31	29°73	29°46	48°1	45°5	29°5	50°5	°292	298	87	98	SW 3	SW 2	10	10	°460	☼ all day.
Means	29°934	29°891	42°6	43°3	38°6	47°2	°237	246	86°1	86°7	2°5	2°3	7°0	4°9	2°990	



## CRONKBORNE (DOUGLAS,) ISLE OF MAN.

Height above Mean Sea Level, 137 feet. Long. 4° 29' W. Lat. 54° 10' N.

JANUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	38°5	37°5	36°6	41°0	in.	in.	%	%	E 4-5	ESE 4-5	10	10	ins.	Overcast day.
2	30°10	29°09	37°0	36°5	35°7	39°6	1°08	1°02	98	98	E 4	E 4	10	10	1°38	Overcast and gloomy.
3	29°82	29°01	41°5	43°3	39°1	44°0	2°58	2°73	98	98	E 2	E 4	10	10	1°570	☁ a. Snow on the mountains. ☁ (mist) a. and p. ☁ <sup>2</sup> p.
4	°08	30°01	46°0	48°8	43°1	48°8	3°00	3°35	99	94	Calm	ESE 3	10	10	°856	☁ a. showers.
5	°70	29°61	49°8	48°7	47°0	51°7	3°37	3°06	94	89	SSE 4	SW 3	10	10	°164	(mist) p.
6	°60	29°76	47°5	47°0	46°1	49°4	2°99	2°75	92	86	W 4	WNW 4-5	10	10	°024	(mist) a.
7	°82	30°03	43°8	41°0	38°5	48°9	2°50	2°13	88	83	WSW 3-4	WNW 5	10	10	°273	Squally ☁ p. ☁ <sup>2</sup> p. and 4.15 p.
8	29°92	°01	47°0	49°1	39°7	55°0	3°13	2°95	97	84	WSW 4	S 2	10	9	°033	(mist) ga. ☁ till 10a.
9	30°02	°12	50°0	49°8	48°0	51°0	3°22	3°17	90	88	SW 4-5	SW 4	10	10	°150	Squally ☁ a. and p. with ☁ <sup>2</sup> ☁.
10	30°11	°10	49°1	46°3	45°6	49°8	3°21	2°76	92	89	SW 5	WSW 4-5	10	10	°198	Squally ☁ a. ☁ all day.
11	29°88	°21	38°9	40°5	38°0	47°7	2°05	2°02	87	81	W 7	WNW 5	9	3	°080	Squally ☁ a. and p.
12	30°43	°46	41°0	45°0	38°1	45°7	2°27	2°51	89	84	W 3	WNW 4	3	10	°005	
13	°44	°39	45°1	45°7	44°9	46°8	2°72	2°68	90	88	W 4	W 3	9	9	—	
14	°35	°48	49°0	49°5	43°4	49°7	3°17	3°39	92	94	W 4-5	WNW 1	10	10	°005	(mist) ga.
15	°58	°03	46°3	46°6	44°7	49°7	2°81	2°92	90	93	NW 4	WNW 2	9	10	—	
16	°03	°00	42°8	44°4	41°7	46°6	2°66	2°72	97	93	W 2	WSW 3-4	10	10	°003	☁ a.
17	°52	°51	45°8	45°8	41°1	47°4	2°87	2°80	93	91	SW 2	Calm	10	10	—	(mist) p.
18	°49	°44	46°9	46°0	45°0	47°0	3°07	2°97	96	96	SSW 2	S 2	9	10	°050	(mist) a. and p.
19	°44	°38	47°1	47°0	45°4	47°6	3°22	2°82	99	88	SW 3-4	S 4-5	10	10	°163	(mist) a. ☁ till 3p.
20	°26	°16	47°0	48°8	45°3	49°0	2°77	2°80	87	81	W 2	SW 6-7	10	10	°010	Squally ☁ p.
21	30°38	30°16	43°8	47°5	42°8	49°8	2°32	2°99	80	92	WSW 5	SW 7	7	10	°035	Squally ☁ a. and p. ☁ (mist) p.
22	29°86	29°66	48°8	44°5	43°7	49°8	3°33	2°80	96	95	SW 6	WNW 6	10	10	°530	Squally ☁ (gale 8a.-9a.), ☁ <sup>2</sup> a.
23	°32	°27	45°3	49°7	40°1	51°0	2°95	2°05	98	79	SE 3	WNW 9-10	10	3	°572	☁ a. Squally ☁ <sup>2</sup> p. Land p.
24	°74	°07	38°7	41°3	33°8	42°5	1°81	2°32	78	90	W 5	WSW 5-6	7	8	°116	Squally ☁ a. and p. ☁ <sup>2</sup> 6p.-7p.
25	29°37	29°26	44°5	37°0	35°5	42°9	2°03	1°77	78	81	WSW 7	WSW 3-4	10	3	°010	Squally ☁ (force 9) a. ☁ 1.30p. and 3p.
26	28°97	28°05	38°0	39°0	37°0	45°8	1°83	1°85	80	78	SSW 5	WSW 9-11	10	10	°423	☁ a. ☁ <sup>2</sup> 10a.-3p. Squally ☁ <sup>2</sup> p. ☁ <sup>2</sup> 6.30p.
27	28°75	28°02	32°1	35°5	30°6	39°4	1°61	1°80	89	86	WNW 8	W 7-8	10	8	°020	Squally ☁ a. and p. ☁ showers.
28	29°33	29°71	38°0	38°9	34°1	42°7	1°87	2°02	81	86	W 8	WSW 3	9	3	°356	☁ a. Squally ☁ a.
29	°49	°58	41°2	47°1	34°4	51°0	2°59	2°72	100	84	ESE 1	SW 4	10	10	°380	(mist) a. ☁ <sup>2</sup> a.
30	°57	°76	46°4	44°4	39°3	48°8	2°36	2°56	76	88	WSW 5	WSW 4-5	10	9	°155	Squally ☁ a. ☁ <sup>2</sup> a. ☁ <sup>2</sup> 5p. ☁
31	29°08	29°35	43°5	47°8	39°0	47°8	2°71	3°20	96	96	SE 2	SW 3	10	3	°443	(mist) a.
Means	29°932	29°916	43°8	44°3	40°7	47°4	2°62	2°50	90°3	87°6	4°0	4°3	9°4	8°6	7°002	

## STONYHURST.

Height above Mean Sea Level, 375 feet. Long. 2° 28' W. Lat. 53° 51' N.

JANUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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	30°38	30°25	37°5	34°3	32°1	40°2	1°81	1°72	81	86	E 2	E 2	10	10	—	☁ a.
2	30°14	30°02	33°0	36°0	32°7	37°5	1°07	1°03	89	91	Calm	NE 1	10	10	°508	
3	29°86	29°09	37°0	41°1	35°4	41°6	1°04	2°54	93	98	NE 1	NE 1	10	10	1°032	
4	30°07	30°10	42°3	48°9	40°5	48°9	2°03	3°22	98	93	Calm	S 1	10	10	°055	
5	29°86	29°70	50°7	47°2	45°9	51°1	3°08	2°78	83	86	SSE 5	SW 3	10	10	°090	
6	°04	29°74	45°9	45°0	40°7	50°0	2°87	2°77	94	93	WSW 4	W 4	10	10	°116	
7	29°87	30°00	41°5	40°9	38°8	46°0	2°15	2°02	83	79	SW 2	WNW 3	10	6	°030	
8	30°01	°10	42°0	47°1	38°6	47°9	2°07	3°20	78	98	SW 1	WSW 2	10	10	°285	
9	°09	°20	47°8	49°1	45°7	51°1	2°86	3°16	86	91	WSW 3	SW 3	10	8	—	
10	30°21	°12	49°2	44°1	43°5	50°4	2°80	2°85	84	98	SW 2	SW 1	10	10	°380	
11	29°85	°16	39°5	40°2	35°2	49°1	1°94	2°01	80	81	W 5	WNW 4	10	3	°135	☁ before ga.
12	30°39	°42	38°6	43°0	36°5	45°6	1°92	2°45	82	88	NW 2	W 1	0	10	°010	
13	°42	°39	43°4	43°2	42°4	45°2	2°70	2°57	96	92	W 3	W 2	10	10	°060	
14	°34	°45	45°5	45°9	42°1	48°7	2°92	2°88	97	94	W 4	NW 3	10	10	°025	
15	°58	°03	45°9	45°0	44°4	48°2	2°83	2°76	92	93	W 1	NW 1	10	10	—	
16	°64	°62	43°0	40°9	40°2	47°2	2°75	2°36	99	95	W 1	WSW 1	10	10	°010	☁ ga.
17	°56	°55	41°0	43°2	38°6	43°9	2°52	2°57	98	92	WSW 1	Calm	0	10	°060	
18	°54	°49	42°5	43°1	41°2	46°5	2°59	2°33	95	83	Calm	SW 1	10	10	—	
19	°50	°45	44°9	44°8	41°8	47°7	2°59	2°51	87	85	WSW 1	SW 1	10	10	°032	
20	°28	°24	45°4	41°1	39°6	47°9	2°78	2°32	92	90	SW 3	WSW 2	10	5	°035	
21	30°38	30°27	42°1	46°0	40°1	48°2	2°48	2°03	93	87	WSW 2	SW 3	0	10	°220	
22	29°96	29°61	48°0	49°3	44°7	51°4	3°02	3°44	91	98	SW 4	W 6	10	10	1°230	
23	°45	°12	42°0	42°0	35°8	56°8	2°45	1°97	93	74	SSE 2	W 9	10	10	1°165	Very stormy throughout the day, with ☁ <sup>2</sup> a. ☁ before ga. ☁ 3.40p.
24	°74	°68	37°0	40°0	36°4	43°3	1°65	2°13	75	86	W 3	WSW 5	10	10	°283	☁ before ga. ☁ <sup>2</sup> a. ☁ <sup>2</sup> 3.40p.
25	°41	29°31	39°7	37°2	35°7	43°5	2°17	1°68	88	76	W 4	WSW 2	10	0	°051	☁ before ga. ☁ <sup>2</sup> a. ☁ <sup>2</sup> 3.40p.
26	29°07	28°33	33°4	40°1	32°2	44°1	1°89	1°61	99	65	W 1	WSW 7	8	10	°375	☁ before ga. ☁ <sup>2</sup> a. ☁ <sup>2</sup> 3.40p.
27	28°78	28°06	35°9	35°1	30°8	45°1	1°43	1°47	67	71	WSW 6	WSW 4	10	0	°025	☁ before ga. ☁ <sup>2</sup> a. ☁ <sup>2</sup> 3.40p.
28	29°41	29°77	37°0	35°9	33°5	41°7	1°80	1°84	82	85	W 5	SW 1	10	10	°034	☁ before ga. ☁ <sup>2</sup> a. ☁ <sup>2</sup> 3.40p.
29	°59	°07	38°2	45°1	33°2	50°4	2°10	2°38	92	80	S 1	WSW 3	10	10	°420	☁ before ga. ☁ <sup>2</sup> a. ☁ <sup>2</sup> 3.40p.
30	°64	°83	46°9	42°9	40°9	48°8	2°76	2°16	87	79	W 5	WSW 3	10	10	°050	☁ before ga. ☁ <sup>2</sup> a. ☁ <sup>2</sup> 3.40p.
31	29°75	29°45	41°5	47°7	39°8	48°6	2°30	2°88	89	87	S 1	SSW 1	10	10	°730	☁ before ga. ☁ <sup>2</sup> a. ☁ <sup>2</sup> 3.40p.
Means	29°980	29°952	41°8	42°8	38°7	47°0	2°37	2°42	88°5	86°9	2°4	2°6	9°3	8°8	7°446	

## WAKEFIELD.

Height above Mean Sea Level, 96 feet. Long. 1° 30' W. Lat. 53° 41' N.

JANUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.		
	ins.	ins.	36°7	34°3	34°3	35°4	in.	in.	%	%	ESE 2	SSE 1	10	10	ins.	Overcast day.	
1	30°41	30°26	36°7	34°3	34°3	35°4	2°202	2°166	93	84	ESE 2	SSE 1	10	10	°030	Overcast and gloomy.	
2	30°19	°04	33°7	36°7	32°6	37°3	1°89	2°16	98	99	S 2	ESE 1	10	10	°300		
3	29°87	°01	38°0	41°6	30°0	41°6	2°27	2°61	99	99	NNE 1	NNE 1	10	10	°640		
4	30°09	30°10	42°6	42°9	41°0	43°5	2°66	2°74	97	99	ESE 1	SW 1	10	10	°030	☁ 10.45a.	
5	29°94	29°67	48°6	48°8	41°8	51°2	3°17	3°04	93	88	WSW 2	SW 3	10	2	°100		
6	°60	°73	47°8	46°9	46°7	49°5	3°05	2°84	92	89	SW 4	W 4	9	10	°020		
7	29°88	29°96	43°6	41°8	41°6	49°3	2°31	2°18	81	83	W 2	W 4	10	4	—		
8	30°05	30°07	42°0	50°2	39°4	50°5	2°31	3°27	87	91	SSW 2	WSW 2	10	5	—	Dull for the most part.	
9	°11	°20	50°0	52°3	49°9	53°4	3°19	3°34	89	82	SW 2	W 5	10	7	—		
10	30°17	°10	50°1	49°8	49°4	53°2	2°83	3°07	88	86	W 7	W 2	2	10	°020	☂ n. Fine day. ☂ 7p.	
11	29°81	°10	42°9	40°8	36°6	56°6	2°14	2°02	78	79	WSW 5	W 6	10	0	°080	☂ n. ☂ with ☂ ☂ showers during [day]	
12	30°35	°40	41°0	42°6	36°5	44°5	2°21	2°45	86	89	W 4	SE 3	5	2	—	Fine.	
13	°40	°40	44°8	44°2	42°3	46°5	2°71	2°57	92	89	W 2	W 2	10	6	—	Dull a. Fine p. ☂ 9.10p.	
14	°29	°40	46°8	47°6	43°4	50°3	3°13	2°77	88	85	W 5	W 3	10	4	—	Dull a. Fine from Noon.	
15	°53	°58	46°8	44°9	44°1	48°6	2°98	2°73	93	92	W 2	W 2	2	7	8	Dull c.	
16	°65	°59	44°8	41°9	41°9	46°6	2°90	2°12	93	92	W 2	W 2	10	10	—	Overcast a. Fine p.	
17	°56	°55	41°8	37°8	37°0	44°7	2°41	2°25	92	99	SW 1	WSW 1	10	10	—	Dull, with ∞.	
18	°55	°51	39°5	44°8	37°0	47°3	2°35	2°40	97	83	S 1	S 1	10	10	—	Dull.	
19	°50	°45	46°8	45°4	45°3	50°5	2°88	2°64	91	88	SSW 1	SSW 1	10	2	—	Fine from 11a.	
20	°28	°24	46°0	45°8	42°1	49°7	2°94	2°70	95	88	SW 3	SSE 3	8	3	—	Fine from 11a.	
21	30°38	30°26	44°6	48°6	43°9	49°5	2°40	2°96	81	87	WSW 5	WNW 4	2	4	—	Fine.	
22	29°97	29°59	49°8	53°0	46°9	53°6	3°27	3°79	91	94	SSW 5	SSW 5	8	10	°310	☂ in past n.	
23	°44	°03	41°9	39°8	37°0	54°6	2°62	2°43	99	99	SSW 2	WSW 10	10	7	°760	☂ 9a. ☂ till 2.30p. ☂ 2 from 5p.	
24	°72	°71	37°9	39°9	35°2	44°1	1°90	2°05	83	83	W 4	SSW 3	4	10	°020	Dull. ☂	
25	°39	29°33	42°9	37°8	35°4	44°9	2°26	1°86	90	81	WSW 5	WSW 3	6	8	°140	☂ n. Dull day.	
26	29°09	28°26	34°8	41°2	33°0	45°5	2°00	1°86	99	73	S 2	WSW 9	6	0	°310	☂ ☂ (sleet) 3p.-7p. ☂ 2 from 3p.	
27	28°77	28°06	36°1	32°7	32°5	43°3	1°68	1°86	79	100	W 8	WNW 7	7	3	°140	☂ n. and during day. ☂ 8.30p.	
28	29°37	29°74	37°8	30°7	22°3	41°6	1°85	1°83	82	84	WSW 5	SSE 3	6	3	°060	Fine.	
29	°64	°62	36°7	46°9	34°6	54°6	2°14	2°61	99	82	SSE 2	W 6	10	4	°150	☂ 9a. ☂ p.	
30	°60	°84	51°8	44°6	39°2	52°6	3°25	2°45	84	83	SW 5	SW 2	2	10	10	°530	
31	29°77	29°47	45°4	49°0	40°6	49°3	2°44	2°69	87	77	SE 1	SE 1	10	10	°320	☂ nearly all day.	
Means	29°979	29°939	43°0	43°6	39°6	47°9	2°52	2°52	90°1	88°0	3°1	3°3	8°4	6°5	3°660		



## BUXTON.

Height above Mean Sea Level, 987 feet. Long. 1° 54' W. Lat. 53° 14' N.

JANUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	30° 39'	30° 26'	31° 6'	29° 0'	33° 9'	152	105	86	99	SE 4	SE 3	4	10	ins.	☁ (mist) p. ✱ 9p.
2	30° 39'	30° 26'	31° 6'	30° 1'	33° 9'	29° 2'	33° 7'	173	109	100	99	SE 1	SE 1	10	10	☁ (mist) ✱ a. ☁ 9p.	
3	29° 86'	30° 1'	37° 9'	41° 4'	33° 3'	47° 1'	200	243	88	94	SE 1	SE 1	10	10	☁ (mist) a. and p.		
4	30° 11'	30° 14'	40° 1'	46° 9'	38° 8'	47° 8'	243	315	98	98	Calm 0	Calm 0	10	10	☁ (mist) a. and p.		
5	29° 91'	29° 74'	47° 4'	44° 9'	44° 4'	47° 5'	307	253	94	85	S 2	NW 3	10	5	☁ (mist) a. and p.		
6	30° 67'	29° 78'	45° 1'	42° 9'	41° 9'	46° 1'	261	258	87	94	W 3	SW 1	9	10	☁ (mist) a. and p.		
7	29° 91'	30° 02'	38° 9'	36° 6'	35° 8'	44° 1'	194	192	83	89	W 1	W 2	8	4	☁ (mist) a. and p.		
8	30° 04'	30° 11'	39° 9'	40° 9'	36° 3'	47° 1'	230	245	94	96	SW 1	SW 2	7	5	☁ (mist) a. and p.		
9	30° 13'	30° 25'	46° 6'	45° 9'	35° 8'	48° 8'	277	263	88	86	SW 3	SW 4	9	7	☁ (mist) a. and p.		
10	30° 26'	30° 19'	45° 4'	40° 6'	38° 3'	48° 9'	247	218	82	86	WSW 4	W 2	4	8	☁ (mist) a. and p.		
11	29° 90'	29° 18'	39° 4'	37° 1'	32° 5'	40° 6'	189	182	79	82	SW 1	NW 2	9	8	☁ (mist) a. and p.		
12	30° 41'	30° 45'	36° 9'	40° 3'	35° 8'	46° 5'	201	235	92	95	NW 2	W 2	8	10	☁ (mist) a. and p.		
13	30° 44'	30° 42'	40° 0'	40° 1'	39° 0'	41° 3'	225	219	91	89	WNW 3	NW 1	10	10	☁ (mist) a. and p.		
14	30° 37'	30° 46'	42° 6'	44° 9'	39° 3'	45° 5'	257	274	94	92	W 3	NW 3	10	10	☁ (mist) a. and p.		
15	30° 58'	30° 63'	43° 5'	42° 3'	40° 3'	45° 3'	200	239	99	89	NW 2	NW 2	10	7	☁ (mist) a. and p.		
16	30° 64'	30° 64'	44° 4'	38° 4'	37° 5'	44° 6'	261	222	100	96	NW 1	NW 1	10	10	☁ (mist) a. and p.		
17	30° 58'	30° 58'	38° 1'	36° 5'	33° 8'	42° 1'	219	202	95	94	W 2	Calm 0	10	10	☁ (mist) a. and p.		
18	30° 57'	30° 52'	39° 6'	40° 6'	33° 8'	45° 6'	229	208	94	83	Calm 0	SW 1	7	10	☁ (mist) a. and p.		
19	30° 53'	30° 49'	42° 4'	40° 9'	39° 3'	46° 1'	228	211	85	83	WSW 1	NW 2	9	5	☁ (mist) a. and p.		
20	30° 35'	30° 30'	42° 9'	42° 6'	37° 8'	46° 8'	243	237	88	80	SW 2	SW 3	9	1	☁ (mist) a. and p.		
21	30° 43'	30° 33'	40° 4'	42° 9'	37° 8'	46° 1'	200	196	80	71	W 2	NW 4	4	7	☁ (mist) a. and p.		
22	30° 00'	29° 68'	48° 1'	49° 4'	40° 8'	49° 6'	294	337	88	93	S 4	SW 4	9	10	☁ (mist) a. and p.		
23	29° 48'	29° 20'	41° 4'	40° 6'	32° 8'	50° 0'	250	218	96	86	S 1	NW 4	10	9	☁ (mist) a. and p.		
24	29° 58'	29° 73'	34° 6'	36° 6'	33° 3'	40° 6'	169	186	84	86	NW 3	W 4	7	4	☁ (mist) a. and p.		
25	29° 47'	29° 40'	39° 6'	36° 4'	29° 7'	39° 7'	193	158	79	94	W 3	NW 3	8	9	☁ (mist) a. and p.		
26	29° 10'	28° 33'	31° 6'	30° 9'	29° 7'	41° 0'	156	174	88	80	SW 2	NW 1	4	1	☁ (mist) a. and p.		
27	28° 58'	28° 08'	31° 6'	30° 6'	30° 0'	42° 5'	176	155	99	91	W 3	W 3	7	0	☁ (mist) a. and p.		
28	29° 37'	29° 71'	33° 9'	33° 1'	29° 0'	42° 4'	157	159	80	85	W 4	W 1	10	0	☁ (mist) a. and p.		
29	29° 69'	29° 69'	34° 6'	44° 1'	31° 5'	50° 1'	193	275	96	95	SSW 2	S 1	10	0	☁ (mist) a. and p.		
30	29° 62'	29° 79'	48° 0'	42° 4'	39° 6'	48° 3'	307	271	92	100	W 3	SW 1	10	10	☁ (mist) a. and p.		
31	29° 70'	29° 48'	41° 1'	40° 5'	37° 8'	47° 1'	257	238	96	95	Calm 0	SW 2	10	10	☁ (mist) a. and p.		
Means	30° 011	29° 989	39° 9	39° 8	35° 6	44° 5	225	223	90° 2	90° 0	2° 1	2° 1	8° 5	7° 1	7° 350		

## HILLINGTON, NORFOLK.

Height above Mean Sea Level, 88 feet. Long. 0° 33' E. Lat. 52° 48' N.

JANUARY 1884.

1	30° 40	30° 26	34° 0	34° 3	33° 1	37° 3	173	164	88	83	SE	2	SE	1	10	10	10	Overcast all day.
2	30° 17	30° 03	36° 6	36° 9	33° 9	40° 4	184	238	85	97	SE	0.5	SW	1	10	10	10	Overcast all day.
3	29° 02	29° 07	43° 9	47° 1	37° 5	49° 6	285	322	99	99	SW	1	SW	0.5	10	10	10	☁ early a. Overcast all day.
4	30° 15	30° 17	45° 1	47° 0	43° 5	48° 6	298	321	99	99	SE	1	SE	1	10	10	10	☁ early a. Overcast all day.
5	30° 06	29° 80	44° 8	48° 4	43° 0	48° 9	295	333	99	98	SE	2	SW	3	10	8	10	☁ early a. Overcast all day.
6	29° 73	74	46° 8	44° 7	44° 4	50° 1	298	261	93	88	SW	5	SW	5	9	6	10	Fine.
7	29° 04	29° 02	41° 2	40° 6	40° 4	45° 3	210	239	82	95	W	4	W	3	4	10	10	☁ a. Squally, with ☁ Noon.
8	30° 12	30° 12	37° 3	45° 2	36° 8	46° 6	210	209	95	99	SW	2	NW	1	10	8	10	☁ a. Squally, with ☁ Noon.
9	30° 19	30	43° 7	46° 8	41° 7	49° 6	267	296	93	93	SW	1	SW	2	10	10	10	Overcast all day. Mild.
10	30° 32	32	41° 1	43° 8	43° 6	47° 9	287	241	96	84	SW	2	SW	4	8	10	10	☁ a. Squally, with ☁ Noon.
11	29° 03	07	42° 1	38° 8	36° 2	45° 3	257	196	96	83	SW	5	NW	6	5	0	10	☁ a. Squally, with ☁ Noon.
12	30° 32	38	36° 7	34° 9	34° 1	41° 6	198	195	91	96	NW	2	NW	0.5	0	0	10	☁ a. Squally, with ☁ Noon.
13	30° 42	40	40° 9	42° 8	34° 1	44° 6	242	246	95	90	W	1	W	3	10	10	10	Overcast all day.
14	30	36	41° 1	45° 0	39° 4	48° 3	236	289	92	97	W	2	W	2	10	10	10	Overcast all day.
15	30° 51	58	40° 2	32° 6	32° 6	47° 3	249	185	100	100	SW	1	SW	0.5	10	0	10	Very fine day. Ground $\approx$ (mist) p.
16	30° 60	62	38° 6	37° 8	30° 7	44° 5	239	225	98	98	W	0.5	WNW	0.5	10	0	10	$\approx$ (mist) all day. $\approx$ in evening.
17	30° 58	61	38° 7	37° 2	36° 5	39° 4	233	220	99	99	WNW	1	W	0.5	10	0	10	$\approx$ a. Overcast all day.
18	30° 57	55	34° 8	35° 8	29° 5	44° 9	198	204	98	96	SW	1	SW	1	8	0	10	$\approx$ (mist) ga. and in evening.
19	30° 61	54	40° 1	43° 3	31° 7	44° 6	241	247	97	88	SW	0.5	SW	4	10	10	10	Overcast all day. $\approx$ (mist) p.
20	30° 41	34	40° 4	45° 3	39° 1	47° 6	231	293	93	97	SW	4	SW	5	2	10	10	☁ a. and p. Overcast all day.
21	30° 41	30° 41	41° 6	40° 9	40° 5	46° 4	241	249	92	98	SW	0.5	SW	2	10	10	10	☁ early a. $\nearrow$ 10a. $\nearrow$ 2 (furious gale) 6p.
22	30° 12	29° 74	42° 1	51° 6	40° 7	51° 9	285	359	89	93	SW	7	W	8	10	10	10	Fine and windy.
23	29° 67	71	46° 3	43° 4	43° 3	54° 7	284	230	91	81	SW	0.5	SW	10	10	6	10	
24	30° 68	72	36° 9	37° 0	36° 1	43° 4	182	177	83	81	WNW	6	NW	5	3	0	10	
25	30° 56	29° 50	39° 0	36° 9	36° 3	44° 1	219	214	90	97	SW	6	WNW	2	8	5	10	
26	29° 19	28° 45	34° 7	40° 5	33° 9	47° 2	195	243	97	97	WNW	4	SW	6	10	10	10	
27	28° 88	29° 05	35° 3	32° 7	32° 1	42° 1	159	182	76	98	SW	9	W	5	0	0	10	
28	29° 59	80	36° 3	35° 1	32° 2	42° 2	184	186	87	91	NW	5	SW	5	9	3	10	☁ a. Fine and sunny. $\nearrow$ 6.15 p. - 7 p.
29	30° 73	73	37° 5	48° 9	33° 1	53° 4	217	321	97	93	SE	1	SW	4	10	0	10	☁ a. Cloudy and warm.
30	30° 80	93	52° 0	44° 1	43° 9	53° 6	266	257	94	89	SW	4	SW	5	7	8	10	
31	29° 83	29° 55	41° 4	49° 8	41° 4	54° 8	245	350	95	99	SE	2	SW	5	10	10	10	☁ most of day.
Means	30° 050	29° 998	40° 7	41° 7	37° 3	46° 6	239	251	92° 9	93° 4	2° 7		3° 3	8° 2	6° 6	1° 949		

## UPPINGHAM.

Height above Mean Sea Level, 484 feet. Long. 0° 44' W. Lat. 52° 35' N.

JANUARY 1884.

Day	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	31° 1'	31° 2'	30° 8'	35° 4'	157	171	89	97	ESE 1	SE by E 1	10	10	ins.	Very gloomy a. ☁ 2p. ☁ later.
2	30° 39	30° 26	33° 8	36° 8	31° 1	36° 8	191	217	98	99	Calm 0	Calm 0	10	10	034	☁ till 9a. and from 3p.
3	29° 16	29° 05	44° 2	46° 4	35° 8	48° 5	283	308	98	98	S by W 1	SSW 1	10	1	220	☁ early a. ☁ till Noon and from 4p.
4	30° 10	30° 16	45° 5	47° 0	42° 5	47° 8	295	318	97	99	SSW 1	S by E 2	10	10	010	☁ a. ☁ (mist) from 11a.
5	30° 01	29° 77	46° 0	46° 0	45° 4	47° 6	301	283	97	92	S 1	S 3	10	3	110	☁ a. Squally with ☁ Noon.
6	29° 72	77	46° 2	43° 8	43° 7	49° 0	283	245	91	85	SW 4	SW 4	7	8	030	Day overcast with light low clouds.
7	29° 92	29° 07	41° 3	40° 7	38° 6	44° 7	193	197	75	78	WbyN 2	NNW 5	9	6	—	Day overcast.
8	30° 14	30° 13	37° 4	45° 9	36° 5	46° 7	196	235	88	94	swbyS 2	NNW 2	10	8	112	Gloomy a. ☁ from 11a.
9	19	30	44° 3	45° 2	42° 9	49° 6	260	271	89	90	SW 4	S by W 3	2	2	—	[9.30p.
10	30° 30	21	44° 6	42° 4	41° 9	48° 3	256	214	87	79	SW 5	swbyS 3	9	9	—	☁ (gale) a. and p. Evening obs.
11	29° 06	13	41° 2	38° 1	35° 6	43° 1	152	179	70	77	WbyS 5	swbyW 6	2	0	030	☁ (gale) a. and p. ☁ showers [Noon. Bright p.
12	30° 37	44	36° 0	39° 2	34° 1	41° 9	189	222	89	92	WNW 3	NW 2	0	10	—	☁ a. Bright clear day. Beautiful sunset.
13	45	45	41° 1	41° 0	38° 1	44° 1	232	219	90	86	WbyN 2	WNW 1	10	10	—	Sunset glow.
14	39	41	42° 0	45° 9	38° 9	48° 1	210	266	87	87	SW 2	NNW 3	9	10	—	Overcast a. [at sunset. ☁ 0p.
15	54	60	45° 9	40° 2	40° 1	48° 5	288	235	94	94	swb.N 2	NW 1	9	7	—	Bright 10a.—1p., then dull. Safron glow
16	63	64	43° 0	39° 6	35° 9	49° 4	245	240	85	98	swb.N 1	NNW 2	10	10	—	☁ a. Dull a. ☁ from 1p.
17	60	59	36° 8	38° 8	36° 1	39° 6	212	219	97	93	Wby N 3	Calm 0	10	8	—	☁ a. ☁ 0p. [sunset.
18	57	54	40° 1	41° 8	36° 2	44° 3	223	225	90	85	WbyN 1	SW 1	10	10	—	Overcast all day. Slight colour at
19	57	55	42° 2	42° 2	40° 4	44° 5	237	216	89	81	W byS 2	SSW 2	10	10	—	Gloomy heavy pall all day.
20	41	35	40° 0	45° 6	38° 0	46° 8	217	285	88	84	sw byS 2	W byS 4	3	10	—	Sunny forenoon. Overcast p.
21	46	30° 41	42° 4	43° 9	41° 6	46° 9	188	263	71	91	W 1	SW 3	10	10	—	Rough ☁ (force 8) at night.
22	30° 10	29° 75	48° 0	50° 6	41° 4	50° 6	270	327	81	89	swb.W 7	Wby S 8	10	10	126	Rough ☁ all day, with stormy clouds.
23	29° 63	20	48° 0	42° 4	41° 5	52° 1	309	193	93	72	S by W 4	Wby N 9	10	3	251	☁ 2 (Wly.) ☁ showers all day. [Bar. 29° 13 at 4.10p.
24	77	86	34° 6	37° 1	34° 1	42° 4	187	178	94	80	WbyN 4	swbys 4	1	3	—	Day bright and sunny.
25	55	29° 42	40° 0	37° 4	34° 6	43° 3	222	206	90	93	SW 7	SSW 3	9	1	187	☁ 9a. ☁ 3.30p. ☁ (mist)
26	29° 19	28° 43	33° 0	38° 4	31° 4	46° 3	177	200	94	87	SW 2	WbyN 9	9	7	259	Dull and very cold a. ☁ from 1p. ☁ 2 (force 12) 4p.—6.40p., then lulled [and rose again. Bar. 28° 40.6.40p., then [rose, but was 28° 39 at 8.45p. ☁ 9p.
27	28° 93	29° 08	33° 4	31° 5	30° 2	39° 2	141	163	74	92	WSW 4	SW 2	3	2	051	☁ a. and p.
28	29° 43	84	35° 3	32° 3	31° 0	41° 6	152	150	73	82	SW 4	SbyW 2	0	0	080	Bright all day.
29	73	71	37° 5	47° 9	31° 8	52° 0	216	264	96	80	S 2	WSW 6	10	0	158	☁ 8a.—Noon. ☁ (gale) p.
30	71	93	51° 0	42° 8	42° 7	51° 7	333	223	86	81	WSW 6	SW 2	9	6	070	
31	29° 78	29° 53	40° 9	49° 2	40° 2	49° 3	249	340	98	98	SSE 2	SbyW 3	10	10	126	☁ a. and p.
Means	30° 050	30° 014	40° 9	41° 7	37° 5	48° 8	229	236	88° 4	88° 2	2° 8	3° 1	8° 0	6° 6	1° 959	



## OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

## GELDESTON (BECCLES).

Height above Mean Sea Level, 37 feet. Long. 1° 31' E. Lat. 52° 28' N.

JANUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	30° 30'	30° 27'	34° 0'	32° 0'	ins.	ins.	91	97	E 1	ESE 1	10	10	ins.	Dull all day.
2	30° 30'	30° 07'	37° 1'	41° 0'	33° 9'	41° 9'	219	230	99	94	Calm	S 1	10	10	0.630	Overcast all day. ☁ p.
3	29° 94'	29° 99'	44° 3'	46° 2'	40° 1'	49° 0'	286	308	99	99	S 1	W 1	10	1	0.250	Frequent ☁ showers.
4	30° 13'	30° 20'	45° 5'	46° 9'	44° 9'	48° 0'	305	322	100	100	E 1	Calm	0	10	0.700	Frequent ☁ showers.
5	30° 12'	29° 82'	44° 8'	47° 8'	43° 5'	47° 8'	297	314	100	95	S 1	SW 3	10	10	0.210	
6	29° 77'	29° 75'	46° 1'	47° 0'	44° 1'	50° 8'	286	275	92	86	WSW 1	WSW 3	8	0	0.060	
7	29° 89'	29° 93'	43° 0'	40° 9'	39° 9'	47° 0'	232	238	83	94	W 2	W 1	3	9	0.450	
8	30° 13'	30° 12'	38° 0'	46° 0'	36° 7'	46° 0'	208	309	91	99	W 1	WSW 1	9	10	0.080	
9	30° 21'	30° 32'	44° 0'	48° 0'	42° 1'	49° 8'	207	285	93	80	W 1	WSW 1	10	0	0.090	☁ shower at Noon.
10	30° 33'	30° 25'	44° 0'	43° 1'	42° 9'	49° 4'	207	235	93	84	WSW 1	WSW 1	10	7	0.010	
11	29° 94'	29° 05'	43° 1'	38° 3'	37° 8'	46° 8'	260	187	92	81	WSW 2	W 4	3	0	0.020	
12	30° 29'	30° 35'	35° 7'	37° 1'	33° 8'	42° 8'	180	251	85	91	NW 1	W 1	0	0	0.030	
13	30° 42'	30° 40'	38° 1'	42° 9'	34° 0'	43° 8'	227	250	99	93	W 1	W 1	10	10	0.040	
14	30° 37'	30° 35'	40° 9'	47° 3'	40° 0'	47° 8'	236	274	93	91	W 1	WNW 2	5	10	0.050	
15	30° 50'	30° 56'	38° 9'	37° 0'	36° 3'	49° 6'	237	218	100	99	W 1	Calm	0	2	0.060	
16	30° 59'	30° 61'	40° 9'	40° 1'	35° 1'	49° 0'	240	246	95	99	W 1	W 1	10	0	0.070	
17	30° 58'	30° 58'	39° 9'	38° 3'	35° 8'	40° 1'	244	235	99	98	W 1	WSW 1	10	10	0.080	
18	30° 58'	30° 55'	39° 8'	40° 9'	37° 0'	43° 2'	230	230	95	93	W 1	Calm	0	10	0.090	
19	30° 57'	30° 58'	41° 7'	43° 9'	39° 2'	44° 9'	239	245	91	85	WSW 1	WSW 1	10	10	0.100	
20	30° 46'	30° 35'	41° 0'	46° 0'	37° 3'	49° 8'	217	287	85	93	WSW 2	SW 2	10	10	0.110	
21	30° 44'	30° 44'	45° 2'	43° 7'	40° 8'	49° 6'	275	247	91	86	WSW 2	SW 2	10	0	0.120	
22	30° 17'	29° 78'	47° 0'	50° 9'	41° 8'	50° 9'	273	348	85	93	WSW 4	SW 5	10	10	0.130	
23	29° 74'	29° 12'	46° 5'	44° 9'	43° 5'	54° 4'	288	217	91	73	SSE 1	W 7	10	0	0.140	
24	29° 65'	29° 87'	38° 9'	37° 2'	36° 9'	44° 9'	107	180	71	81	WNW 5	SW 1	1	0	0.150	
25	29° 60'	29° 43'	40° 9'	40° 1'	36° 9'	45° 8'	215	235	85	91	SW 3	WSW 2	8	9	0.160	
26	29° 18'	29° 50'	38° 0'	40° 0'	37° 4'	47° 7'	206	228	90	93	W 3	SW 7	10	10	0.170	
27	29° 03'	29° 07'	37° 1'	36° 2'	35° 7'	43° 8'	130	175	61	82	WSW 5	SW 4	1	1	0.180	
28	29° 37'	29° 83'	37° 0'	36° 1'	33° 9'	43° 6'	165	174	75	81	W 4	WSW 2	1	0	0.190	
29	29° 76'	29° 70'	38° 9'	32° 0'	34° 8'	52° 7'	219	328	93	84	S 1	SW 4	10	0	0.200	
30	29° 73'	29° 95'	32° 6'	46° 9'	46° 0'	56° 8'	375	253	95	80	WSW 3	WSW 1	8	10	0.210	
31	29° 85'	29° 60'	42° 8'	50° 1'	41° 3'	50° 6'	272	352	100	97	SE 1	WSW 4	10	10	0.220	
Means	30° 05'	30° 012'	41° 5'	43° 0'	38° 6'	47° 2'	240	253	90° 7'	90° 3'	1° 7'	2° 1'	7° 7'	5° 7'	1° 400	

## CHELTENHAM.

Height above Mean Sea Level, 184 feet. Long. 2° 3' W. Lat. 51° 54' N.

JANUARY 1884.

1	30° 34'	30° 22'	33° 0'	23° 5'	32° 2'	37° 0'	167	184	89	97	E 5	E 1	10	10	0.030	Dull day. ☁ at night.
2	30° 11'	29° 06'	37° 0'	41° 5'	33° 0'	41° 5'	213	202	96	100	Calm	S 5	10	10	0.110	Dull all day.
3	29° 06'	29° 08'	50° 2'	51° 0'	41° 0'	53° 5'	348	348	96	93	S 6	S 2	7	3	0.050	Brilliant a.
4	30° 09'	30° 15'	49° 1'	51° 0'	47° 0'	52° 5'	339	351	97	94	S 3	S 3	10	10	0.350	
5	29° 03'	29° 02'	50° 2'	49° 3'	48° 5'	51° 8'	322	318	89	91	S 7	SW 4	10	8	0.020	
6	29° 78'	29° 08'	48° 5'	47° 0'	46° 5'	50° 9'	322	258	95	80	SW 5	W 2	10	10	0.060	
7	29° 08'	30° 06'	44° 1'	39° 4'	39° 4'	47° 0'	240	215	82	93	SW 1	SW 1	10	0	0.010	
8	30° 16'	30° 19'	42° 6'	49° 0'	36° 2'	51° 5'	258	322	94	93	SW 2	SW 2	10	9	0.010	
9	29° 25'	29° 26'	48° 0'	46° 0'	46° 0'	50° 9'	307	287	92	87	SW 3	SW 3	10	10	0.010	
10	29° 26'	29° 26'	48° 0'	46° 0'	46° 0'	50° 9'	307	287	92	87	SW 3	SW 3	10	10	0.010	
11	29° 06'	29° 06'	44° 8'	43° 4'	46° 8'	46° 8'	236	219	79	81	W 1	W 1	5	10	0.010	
12	29° 47'	29° 32'	42° 2'	41° 2'	44° 7'	44° 7'	165	165	90	81	S 1	W 1	2	10	0.010	
13	29° 51'	29° 51'	42° 2'	41° 2'	44° 7'	44° 7'	165	165	90	81	S 1	W 1	2	10	0.010	
14	29° 46'	29° 46'	42° 6'	41° 6'	44° 7'	44° 7'	165	165	90	81	S 1	W 1	2	10	0.010	
15	29° 61'	29° 61'	48° 6'	47° 6'	41° 5'	50° 6'	321	281	94	84	W 1	W 1	10	10	0.010	
16	29° 65'	29° 65'	43° 9'	42° 9'	44° 7'	44° 7'	209	194	81	81	W 1	W 1	10	10	0.010	
17	29° 60'	30° 06'	40° 2'	39° 7'	39° 5'	44° 0'	237	240	95	98	SW 1	Calm	0	5	0.010	
18	29° 58'	29° 58'	41° 3'	44° 5'	38° 7'	47° 4'	247	251	95	86	Calm	Calm	0	10	0.010	
19	29° 59'	29° 53'	45° 4'	42° 6'	41° 1'	47° 4'	258	242	86	89	S 2	S 4	10	10	0.010	
20	29° 44'	29° 41'	46° 0'	48° 5'	41° 2'	48° 8'	297	329	87	97	SW 2	SW 4	5	2	0.010	
21	29° 50'	29° 45'	46° 8'	48° 5'	43° 5'	50° 6'	271	315	85	93	SW 2	SW 2	6	10	0.010	
22	30° 21'	29° 58'	49° 5'	53° 0'	45° 5'	53° 0'	325	374	93	93	SW 6	SW 5	10	10	0.070	
23	29° 63'	29° 45'	51° 5'	42° 8'	42° 8'	53° 8'	373	251	98	92	S 5	W 8	10	10	0.280	
24	29° 88'	29° 82'	38° 4'	40° 6'	36° 8'	43° 4'	196	231	85	92	W 4	NW 3	0	2	0.100	
25	29° 63'	29° 40'	42° 0'	41° 8'	39° 5'	45° 0'	260	239	98	91	SW 5	SW 3	10	2	0.530	
26	29° 21'	29° 53'	38° 4'	41° 0'	35° 0'	48° 8'	204	231	88	89	S 4	S 8	6	10	0.550	
27	29° 04'	29° 16'	35° 0'	35° 6'	33° 5'	41° 7'	180	188	88	91	SW 4	SW 2	5	0	0.150	
28	29° 58'	29° 86'	36° 8'	39° 0'	34° 3'	43° 8'	166	204	90	86	W 2	W 1	2	0	0.180	
29	29° 72'	29° 83'	47° 4'	49° 4'	36° 4'	53° 0'	321	333	99	94	W 2	W 2	9	1	0.130	
30	29° 78'	29° 68'	52° 0'	46° 2'	45° 6'	53° 2'	351	283	90	91	SW 3	SW 2	8	4	0.110	
31	29° 72'	29° 55'	50° 5'	48° 6'	42° 5'	53° 0'	349	338	96	99	SW 6	SW 4	10	8	0.110	
Means	30° 088'	30° 012'	44° 1'	43° 0'	39° 9'	48° 3'	269	281	91° 3'	91° 3'	2° 8'	2° 1'	7° 9'	5° 7'	2° 740	

JANUARY 1884.

## CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long. 4° 18' W. Lat. 51° 52' N.

JANUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	35° 0'	35° 0'	34° 0'	37° 4'	168	174	81	85	E 2	E 2	10	10	ins.	Dull all day.
2	30° 29	30° 16	36° 4	40° 8	33° 9	41° 1	197	241	92	96	E 2	E 2	10	10	0.630	Overcast all day. ☁ p.
3	29° 83	29° 01	50° 6	49° 6	40° 6	51° 9	364	338	99	95	S 1	S 1	10	8	0.250	Frequent ☁ showers.
4	30° 07	30° 02	50° 0	50° 8	48° 8	52° 9	358	351	99	94	SE 1	S 1	10	10	0.700	Frequent ☁ showers.
5	29° 80	29° 79	49° 4	49° 1	47° 8	52° 2	344	339	98	97	S 1	SW 3	10	10	0.210	
6	82	29° 93	48° 9	47° 1	45° 7	49° 6	311	290	91	90	SW 3	W 2	10	9	0.060	
7	29° 96	30° 16	43° 0	41° 0	40° 4	48° 0	244	201	88	78	Calm	N 1	6	2	0.450	
8	30° 13	30° 21	48° 0	49° 4	39° 6	51° 4	328	308	98	88	W 1	W 2	10	10	0.080	
9	27	34	50° 8	48° 9	48° 2	52° 6	307	316	83	92	SW 4	SW 2	10	10	—	
10	37	22	48° 6	47° 9	47° 1	51° 0	315	322	93	97	SW 3	SW 1	10	9	—	
11	14	35	44° 6	41° 2	39° 3	48° 4	217	199	73	77	W 4	NW 1	2	0	0.090	☁ shower at Noon.
12	51	54	42° 2	39° 6	37° 7	47° 9	223	225	84	92	W 2	NW 2	7	8	—	
13	56	52	44° 9	43° 8	38° 7	46° 5	205	259	90	91	W 1	W 1	10	10	0.010	
14	50	56	45° 6	49° 3	38° 9	51° 2	209	316	98	90	W 1	Calm	0	10	—	
15	63	65	47° 7	44° 0	43° 2	49° 8	306	259	93	90	N 1	N 1	6	10	—	
16	66	62	40° 2	43° 0	39° 5	44° 3	238	251	96	90	Calm	Calm	0	10	—	
17	61	58	42° 3	43° 7	41° 2	46° 3	263	273	98	96	Calm	Calm	0	10	—	
18	59	53	43° 3	40° 4	42° 8	46° 6	262	298	94	95	Calm	SW 1	10	10	—	
19	57	51	46° 4	45° 0	44° 2	47° 3	275	228	88	76	SW 1	SW 2	10	10	—	
20	43	42	46° 6	45° 3	42° 8	49° 0	313	269	99	96	SW 2	Calm	0	0	0.030	
21	54	30° 43	50° 2	45° 4	41° 6	51° 2	315	304	87	100	Calm	SW 3	3	10	0.150	
22	30° 16	29° 57	49° 2	52° 0	44° 4	52° 4	322	379	97	98	SW 5	SW 7	10	10	1.010	Squally ☁ p.
23	29° 52	62	51° 6	42° 2	42° 0	53° 2	353	185	93	70	SW 7	W 2	10	5	0.210	Squally ☁ a.
24	98	90	40° 7	40° 0	37° 9	45° 3	186	214	73	87	W 1	W 1	4	5	0.170	
25	59	29° 29	41° 6	43° 0	38° 3	46° 5	252	238	86	90	W 2	SW 2	10	10	0.420	
26	10	28° 70	42° 3	39° 5	37° 0	48° 2	269	147	96	61	S 2	W 5	10	5	0.500	Squally ☁ <sup>2</sup> (severe gale) a. and p. [Bar. 28° 39' 40", when wind changed from S. to W. and lulled. Frequent ☁ ✱.
27	11	29° 20	40° 0	35° 8	31° 5	42° 3	188	168	76	79	W 6	W 4	8	0	0.080	Frequent ☁ showers.
28	66	79	40° 6	39° 8	34° 4	45° 1	204	215	81	88	W 4	Calm	0	10	0.240	
29	73	78	50° 3	48° 9	38° 7	52° 0	349	342	96	99	SW 4	SW 2	10	10	0.380	
30	81	92	50° 0	46° 5	45° 1	51° 4	327	309	91	98	W 4	SW 1	10	10	0.560	
31	29° 59	29° 49	48° 9	45° 3	41° 8	50° 2	342	288	99	96	SW 3	W 2	10	7	0.670	
Means	30° 085	30° 061	43° 6	44° 4	40° 9	48° 5	281	266	90° 6	89° 4	2° 2	1° 7	8° 6	8° 0	6° 900	



## MARGATE.

Height above Mean Sea Level, 83 feet. Long. 1° 24' E. Lat. 51° 24' N.

JANUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	35° 8'	36° 8'	31° 2'	37° 8'	in.	in.	%	%	NE 1	SE 1	10	0	ins.	Day dull and cold.
2	30° 35'	30° 24'	35° 8'	36° 8'	31° 2'	37° 8'	in.	in.	%	%	NE 1	SE 1	10	0	ins.	Day dull and cold.
3	30° 17'	30° 07'	37° 0'	37° 0'	34° 8'	44° 0'	209	209	99	97	Calm	SE 1	8	10	ins.	Fine.
4	29° 56'	29° 05'	40° 0'	40° 0'	42° 7'	49° 5'	304	308	98	99	S 1	SW 1	10	10	ins.	Op.
5	30° 15'	30° 23'	45° 3'	45° 0'	45° 0'	47° 2'	301	297	99	99	Calm	0	9	0	ins.	Op.
6	30° 14'	29° 58'	43° 9'	48° 2'	43° 9'	48° 8'	287	309	100	96	S 1	SW 1	10	10	ins.	Op.
7	29° 56'	29° 06'	45° 5'	45° 8'	44° 8'	51° 8'	302	269	88	88	SW 2	SW 3	10	0	ins.	Op.
8	30° 20'	30° 19'	39° 0'	46° 4'	37° 4'	46° 8'	107	308	83	98	Calm	0	7	10	ins.	Mild.
9	31°	31°	44° 1'	43° 4'	37° 2'	49° 8'	279	266	97	95	W 2	SW 1	9	0	ins.	Op.
10	31°	31°	43° 8'	45° 0'	42° 1'	51° 5'	270	256	95	86	WSW 2	SW 4	7	9	ins.	Op.
11	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
12	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
13	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
14	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
15	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
16	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
17	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
18	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
19	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
20	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
21	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
22	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
23	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
24	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
25	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
26	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
27	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
28	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
29	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
30	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
31	30°	30°	43° 7'	39° 7'	37° 8'	47° 6'	249	190	87	77	SW 3	SW 3	9	0	ins.	Op.
Means	30° 13'	30° 09'	42° 6'	43° 1'	39° 0'	47° 3'	249	255	90° 2'	91° 0'	1° 9'	2° 3'	7° 6'	6° 3'	2° 03'	

## SOUTHAMPTON.

Height above Mean Sea Level, 78 feet. Long. 1° 24' W. Lat. 50° 55' N.

JANUARY 1884.

1	30° 30'	30° 19'	33° 4'	35° 8'	32° 1'	37° 7'	168	195	89	93	NE 4	NE 2	10	10	ins.	Overcast all day. * <sup>0</sup> at times.
2	30° 11'	29° 59'	39° 0'	45° 1'	34° 2'	45° 7'	238	288	97	96	NE 2	SE 2	10	10	ins.	Op. ga. Overcast all day.
3	29° 55'	29° 03'	48° 5'	47° 6'	44° 9'	51° 7'	326	330	95	100	S 2° 5'	SW 1° 5'	10	10	ins.	Day dull and damp. Op. p.
4	30° 15'	30° 20'	47° 1'	47° 8'	46° 3'	51° 1'	322	330	99	99	SE 2	SE 1	10	10	ins.	Op. a.
5	30° 03'	29° 59'	46° 3'	48° 8'	46° 2'	50° 3'	307	343	98	99	SE 2° 5'	SW 1° 5'	10	10	ins.	Op.
6	29° 59'	29° 05'	49° 5'	45° 9'	45° 2'	52° 8'	331	280	93	92	SW 2° 5'	SW 2° 5'	10	10	ins.	Day mild and pleasant.
7	30° 03'	30° 07'	44° 3'	40° 7'	40° 2'	48° 2'	252	224	86	88	SW 1	NW 3	10	3	ins.	Op. 2.15p.-4p. Beautiful night.
8	29°	29°	41° 2'	48° 2'	38° 0'	49° 3'	246	330	96	98	SW 1	SW 1	10	10	ins.	Op. ga.-4p. Evening fine and mild.
9	35°	43°	46° 1'	45° 9'	42° 9'	51° 7'	305	296	98	96	SW 2° 5'	SW 1° 5'	10	0	ins.	Day fine and mild. Brilliant sunset.
10	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
11	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
12	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
13	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
14	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
15	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
16	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
17	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
18	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
19	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
20	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
21	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
22	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
23	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
24	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
25	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
26	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
27	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
28	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
29	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
30	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
31	46°	35°	45° 3'	45° 1'	43° 0'	51° 4'	295	293	98	97	SW 1	SSW 2	10	3	ins.	Op. a. Day fine and mild. Large Op. p.
Means	30° 16'	30° 12'	43° 9'	44° 5'	40° 6'	49° 2'	270	274	92° 3'	92° 3'	2° 1'	2° 5'	7° 4'	5° 4'	2° 44'	

## ST. LEONARDS.

Height above Mean Sea Level, 116 feet. Long. 0° 33' E. Lat. 50° 51' N.

JANUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	35° 0'	38° 8'	32° 0'	39° 2'	in.	in.	%	%	E 3	E 2	10	10	ins.	Overcast all day.
2	30° 34'	30° 23'	35° 0'	38° 8'	32° 0'	39° 2'	in.	in.	%	%	ESE 2	SE 1	10	5	ins.	Overcast a.
3	29° 15'	29° 06'	41° 2'	45° 6'	38° 8'	46° 4'	242	285	94	94	SSE 1	Calm	10	10	ins.	Overcast all day. Op. at night.
4	29° 08'	29° 00'	45° 9'	45° 6'	45° 6'	47° 5'	303	300	99	100	SSE 1	Calm	10	10	ins.	Overcast all day, with Op.
5	30° 17'	30° 23'	45° 7'	47° 3'	44° 1'	48° 0'	305	327	100	100	S 1	Calm	10	10	ins.	Overcast all day, with Op.
6	30° 13'	29° 51'	44° 5'	47° 1'	44° 1'	48° 3'	290	320	99	98	SE 2	S 3	10	10	ins.	Op. (mist) ga. Overcast all day. Op.
7	29° 02'	29° 03'	47° 1'	45° 3'	45° 3'	49° 8'	312	272	96	96	WSW 3	W 4	10	1	ins.	Overcast a. Bright p. [from 3p.
8	30° 01'	30° 00'	43° 2'	40° 8'	40° 8'	47° 5'	257	229	92	91	WNW 1	WSW 1	1	9	ins.	Op.
9	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	WNW 1	WNW 2	9	9	ins.	Overcast all day.
10	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	WSW 3	W 3	10	9	ins.	Overcast.
11	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	W 2	WSW 3	5	4	ins.	Op. at night.
12	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	W 2	NW 3	9	0	ins.	Op. at night.
13	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	NW 3	NW 2	0	0	ins.	Op. early a. Very fine day. Op. p.
14	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	WNW 2	NW 2	10	10	ins.	Overcast all day.
15	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	WNW 1	W 1	9	10	ins.	Op. ga. Overcast p.
16	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	NNW 2	NNW 1	3	10	ins.	Op. ga. Overcast p.
17	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	N 1	NW 1	0	0	ins.	Very fine day. Op. at times. Op. p.
18	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	NNW 2	NNW 1	10	10	ins.	Overcast all day.
19	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	NW 1	Calm	0	10	ins.	Overcast all day, with Op.
20	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	Calm	SSW 2	9	1	ins.	Overcast day. Op. at times.
21	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	WSW 1	WSW 3	10	10	ins.	Overcast all day.
22	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	WNW 1	WNW 2	0	0	ins.	Op. a. and p. Fine day.
23	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	SW 5	SW 7	8	10	ins.	Op. (gale) p. [from 11a.
24	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	SW 5	WSW 8	10	4	ins.	Op. (mist) ga. Overcast day. Op.
25	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	W 4	WSW 8	0	0	ins.	Very fine day. Op.
26	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	WSW 4	W 4	6	10	ins.	Overcast day. Op. in the evening.
27	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	W 5	SW 6	10	9	ins.	Overcast all day. Op. (most violent)
28	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	W 3	W 4	2	2	ins.	Op. [gale] p. with Op. Op.
29	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	W 4	WNW 2	0	7	ins.	Op. with Op. Op.
30	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	WSW 4	SW 5	10	10	ins.	Overcast. Op. p.
31	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	SSW 5	WNW 2	10	7	ins.	Overcast, with Op. Op.
32	24	23	36° 7'	46° 5'	34° 4'	47° 2'	191	395	87	97	SSW 4	SSW 4	10	10	ins.	Overcast all day.
Means	30° 165	30° 128	42° 8	43° 5	40° 0	47° 4	254	262	90° 9	91° 8	2° 5	2° 6	7° 1	6° 7	3° 193	



## BABBACOMBE.

Height above Mean Sea Level, 293 feet. Long. 3° 31' W. Lat. 50° 29' N.

JANUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	30°13	30°15	38°0	38°8	35°2	38°9	202	230	96	98	ENE 5	ENE 4	10	10	ins.	[showers. (mist). Δ <sup>0</sup>
2	30°23	30°12	43°0	43°8	47°6	38°8	47°6	272	318	96	97	ESE 3	SE 3	10	10	290	(mist) a. Dull day. Scotch n. and 9p. [rop.—Midt.	
3	29°89	30°00	49°7	48°0	47°3	51°0	346	335	97	100	SSW 3	SSE 2	10	10	340	(mist) a. Δ 8p.—10p.		
4	30°11	30°15	50°3	49°8	48°0	52°9	360	345	99	96	SSW 3	SSE 3	10	8	180	(mist) a. Δ 8p.—10p.		
5	29°93	29°91	48°0	47°2	47°2	51°5	319	309	96	96	SSE 4	WSW 3	10	3	270	○ <sup>0</sup> 3.10p. Δ <sup>2</sup> p. Fine pink and [orange sunset.		
6	29°92	30°02	48°8	45°9	45°3	53°0	305	253	88	83	WSW 5	WSW 4	9	10	010	(mist) a. Δ 8p.—10p.		
7	30°05	30°17	44°0	40°7	39°9	46°5	231	202	80	80	WSW 3	NW 4	9	9	170	(mist) a. Δ 8p.—10p.		
8	30°25	30°28	45°8	45°2	39°8	51°0	294	286	95	86	SW 3	W 4	10	8	100	(mist) a. Δ 8p.—10p.		
9	30°36	30°43	47°8	48°1	45°5	52°5	293	311	88	93	WSW 4	SW 4	7	9	—	(mist) a. Δ 8p.—10p.		
10	30°46	30°33	45°8	44°8	44°2	51°8	271	280	88	95	WSW 4	SSW 4	8	4	—	(mist) a. Δ 8p.—10p.		
11	30°49	30°41	45°8	42°0	41°3	49°4	230	204	78	77	WNW 4	WNW 3	7	2	—	(mist) a. Δ 8p.—10p.		
12	30°54	30°59	40°2	38°0	37°0	48°7	207	218	84	93	NW 2	WNW 2	1	1	—	(mist) a. Δ 8p.—10p.		
13	30°59	30°55	40°8	41°1	36°5	44°9	228	247	90	96	SW 1	SSW 1	10	4	—	(mist) a. Δ 8p.—10p.		
14	30°55	30°54	41°6	47°8	39°7	49°4	241	312	92	94	WSW 1	WNW 1	3	10	—	(mist) a. Δ 8p.—10p.		
15	30°55	30°56	47°2	45°6	45°3	48°6	298	283	93	93	N 2	NNW 2	10	10	—	(mist) a. Δ 8p.—10p.		
16	30°57	30°56	44°2	43°2	43°0	45°7	265	248	92	89	Calm	ENE 1	10	10	—	(mist) a. Δ 8p.—10p.		
17	30°54	30°52	43°6	43°3	42°7	44°9	250	256	88	92	SE 2	NW 1	10	10	—	(mist) a. Δ 8p.—10p.		
18	30°51	30°50	42°9	43°0	42°3	45°7	261	247	95	86	Calm	SW 1	10	10	—	(mist) a. Δ 8p.—10p.		
19	30°55	30°58	42°7	41°7	40°9	48°7	238	230	86	90	WSW 1	SSE 4	10	10	—	(mist) a. Δ 8p.—10p.		
20	30°51	30°49	46°4	47°9	40°6	49°1	266	316	85	95	SSW 3	WSW 2	10	4	—	(mist) a. Δ 8p.—10p.		
21	30°58	30°55	47°9	45°2	42°8	51°6	296	287	90	96	W 3	SW 4	6	10	—	(mist) a. Δ 8p.—10p.		
22	30°53	30°53	48°3	50°5	45°0	50°7	327	357	97	98	WSW 5	SW 9	10	10	210	(mist) a. Δ 8p.—10p.		
23	29°78	29°74	50°9	41°9	41°0	52°7	362	182	98	70	SW 8	WNW 6	10	1	190	(mist) a. Δ 8p.—10p.		
24	30°03	30°01	39°8	39°8	37°2	47°2	178	218	72	90	W 3	SW 3	1	3	—	(mist) a. Δ 8p.—10p.		
25	29°75	29°55	44°8	39°3	39°0	49°1	245	224	83	94	WSW 6	SW 3	7	1	530	(mist) a. Δ 8p.—10p.		
26	29°28	28°73	40°8	42°3	39°2	49°9	241	184	96	69	SW 3	W 8	8	2	800	(mist) a. Δ 8p.—10p.		
27	29°25	29°31	34°0	34°5	32°8	42°6	177	185	90	93	W 5	W 5	9	10	240	(mist) a. Δ 8p.—10p.		
28	29°74	29°88	37°7	41°8	34°2	46°0	181	252	79	96	SW 3	SSE 1	6	10	170	(mist) a. Δ 8p.—10p.		
29	29°84	29°88	50°9	51°7	41°8	52°6	342	367	92	96	WSW 5	SSW 5	10	10	250	(mist) a. Δ 8p.—10p.		
30	29°90	29°93	51°3	46°3	45°7	52°0	360	295	95	95	SW 3	SW 2	10	10	430	(mist) a. Δ 8p.—10p.		
31	29°75	29°59	49°0	45°9	45°3	50°8	333	293	96	95	SSW 6	SSW 3	10	10	520	(mist) a. Δ 8p.—10p.		
Means	30°164	30°140	44°9	44°3	41°4	48°9	272	267	90°1	91°0	3°3	3°3	8°4	7°4	4°870	(mist) a. Δ 8p.—10p.		

## ST. AUBIN'S, JERSEY.

Height above Mean Sea Level, 139 feet. Long. 2° 10' W. Lat. 49° 11' N.

JANUARY 1884.

1	30°24	30°17	38°0	41°0	34°4	41°0	194	235	85	92	E 4	NW 2	10	10	—	Day gloomy and sunless. Cold wind a.	
2	30°09	30°02	45°2	48°5	38°1	48°5	273	321	91	94	SE 2	SE 1	10	10	065	Very cloudy day.	
3	30°00	30°08	49°0	48°0	46°1	50°9	335	335	94	100	S 2	SE 2	5	10	075	from 10a.	
4	30°21	30°24	46°6	46°0	45°0	48°7	316	311	100	100	Calm	SE 2	10	10	012	a. and at night. Very cloudy day.	
5	30°09	30°00	47°2	50°0	44°5	50°1	320	358	99	99	SE 3	W 2	10	10	225	Gloomy all day.	
6	30°08	30°12	49°5	48°0	46°2	52°9	320	281	90	85	SW 4	NW 2	9	9	092	Very cloudy and mild. U 10 p.	
7	30°16	30°18	46°0	43°4	41°1	48°0	292	211	94	75	NW 1	NNW 2	7	4	322	showers. Total bright sunshine [Dec. 7 to date only] 13°5 hours.	
8	30°37	30°38	45°3	50°0	42°2	50°0	279	309	92	86	W 2	WhyN2	10	9	310	U 2 p. [glow till 6p. at times. Extremely fine. Sunset 6p. a. Sea roaring. Sunset glow till 6p. U 10 p.	
9	30°49	30°55	48°5	47°0	46°1	51°9	330	287	97	90	SW 2	SW 2	10	1	002	at times. Extremely fine. Sunset 6p. a. Sea roaring. Sunset glow till 6p. U 10 p.	
10	30°57	30°45	43°0	41°3	40°0	47°8	255	232	92	90	Calm	SE 2	2	2	—	2 a. Sea roaring. Sunset glow till 6p. U 10 p.	
11	30°27	30°45	50°3	45°1	39°3	53°3	316	240	87	80	W 2	NW 2	2	4	035	Very fine a. Very cloudy p.	
12	30°55	30°44	44°1	43°0	42°0	48°7	204	230	70	83	N 2	Calm	0	7	3	—	Very fine day. Sunset glow till 6p.
13	30°53	30°59	43°0	46°0	39°1	48°0	249	287	90	93	Calm	Calm	0	9	10	025	2 a. Day overcast.
14	30°58	30°50	45°0	49°6	42°1	51°9	255	314	86	89	Calm	Calm	0	7	9	—	Day overcast.
15	30°54	30°59	49°5	47°5	46°5	51°1	315	291	89	89	N 1	Calm	0	10	10	—	Day overcast.
16	30°58	30°59	47°0	45°2	45°2	47°8	287	245	90	82	Calm	Calm	0	10	10	—	Very gloomy.
17	30°57	30°56	45°4	42°4	41°6	50°4	248	245	82	91	NE 2	Calm	0	5	0	—	Day extremely fine. 10 p. [after 6p. a. and p. Extremely fine. Glow till 6p. a. Day gloomy and sunless.
18	30°54	30°52	42°5	42°0	40°0	47°5	241	221	89	84	Calm	E by N 2	0	0	—	Day extremely fine. Glow till 6p. a. Day gloomy and sunless.	
19	30°56	30°57	38°0	37°4	37°4	42°0	222	215	97	96	E 2	SE 2	10	10	—	Day gloomy.	
20	30°53	30°50	42°0	46°0	37°2	46°0	245	276	92	90	S by W 2	SW 3	9	10	019	Day gloomy.	
21	30°56	30°57	48°0	45°3	44°6	49°0	309	277	93	92	NW 1	W 3	9	10	008	Day gloomy.	
22	30°52	30°51	46°1	48°5	43°8	48°7	284	313	91	92	SW 3	SW 4	10	10	002	Gloomy and mild.	
23	30°07	29°58	52°0	47°0	47°0	52°9	348	197	90	61	SW 5	W 7	10	0	025	showers p. [backing p.	
24	30°10	30°14	44°0	43°3	41°0	49°8	202	248	70	88	NW 3	SW 4	3	0	048	Very fine day. Sunset glow. Wind	
25	29°56	29°52	44°8	44°8	42°2	48°0	235	255	79	86	SW 6	SW 7	4	10	203	Fine a. / Squally 10 p. Rough [night.	
26	29°51	29°54	48°8	46°4	41°0	50°8	313	257	91	83	SW 7	W 5	10	2	873	10 a. Gloomy. 10 a. Bar. 29°91	
27	29°40	29°42	40°0	44°0	36°2	47°0	189	244	76	84	NW 6	W 6	9	7	412	10 a. Bar. 29°91	
28	29°55	29°59	45°2	45°3	39°3	49°9	198	294	66	97	W by N 3	SW 3	4	10	088	10 a. Bar. 29°91	
29	30°01	30°08	51°4	51°6	44°0	52°8	353	356	93	93	WSW 3	SW 4	10	10	012	10 a. Bar. 29°91	
30	30°07	30°11	52°0	50°1	49°0	52°3	356	362	92	100	SW 6	SW 3	10	10	435	10 a. Bar. 29°91	
31	29°56	29°55	49°0	50°8	47°7	52°7	310	333	90	89	S 3	S 3	10	10	012	10 a. Bar. 29°91	
Means	30°269	30°237	45°0	46°0	42°3	49°4	278	277	88°3	88°8	2°5	2°5	7°8	7°1	3°300	10 a. Bar. 29°91	

Earth temperature: Mean of 11 readings taken (every third day) at 1 foot 45°7, 3 feet 44°9, 6 feet 50°0

JANUARY 1884.

## LONDONDERRY.

Height above Mean Sea Level, 93 feet. Long. 7° 19' W. Lat. 55° 0' N.

JANUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	30°40	30°22	37°2	37°7	35°9	41°7	196	210	88	93	SE 1	S 1	10	10	ins.
2	30°10	29°58	36°7	34°7	33°2	40°0	193	186	89	92	SE 1	SE 1	6	0	140	☉ nearly all day.	
3	29°81	29°88	37°7	41°7	33°2	42°8	214	247	95	93	NW 2	S 1	10	10	690	☉ 6p.—8p.	
4	29°88	29°91	40°9	49°7	41°1	51°1	314	336	98	94	S 2	N 1	10	10	230		
5	29°88	29°91	40°9	49°7	41°1	51°1	314	336	98	94	S 2	N 1	10	10	230		
6	29°88	29°91	40°9	49°7	41°1	51°1	314	336	98	94	S 2	N 1	10	10	230		
7	29°88	29°91	40°9	49°7	41°1	51°1	314	336	98	94	S 2	N 1	10	10	230		
8	29°88	29°91	40°9	49°7	41°1	51°1	314	336	98	94	S 2	N 1	10	10	230		
9	29°89	29°98	51°7	47°7	44°2	54°0	337	256	87	78	SW 3	SW 2	10	10	080		
10	29°84	29°98	46°7	42°9	40°3	51°5	277	229	87	83	S 3	SW 4	10	10	330	Squally, with ☉ at night.	
11	29°92	30°31	37°2	41°5	35°8	47°6	177	196	80	76	WSW 4	NW 2	1	4	020	Squally, with ☉ during day. ☐ p.	
12	30°50	49	41°2	45°0	38°0	47°5	231	253	90	85	NW 2	WSW 3	4	10	010		
13	44	38	42°7	45°8	41°5	50°5	257	289	93	94	WSW 2	SW 1	7	10	020		
14	37	53	48°8	48°7	45°0	52°0	322	324	93	94	W 2	W 2	10	10	010		
15	63	64	45°7	46°8	44°8	50°0	289	301	94	94	SSW 2	SW 2	10	10	—		
16	61	56	42°7	41°4	40°0	47°8	257	250	93	96	SSW 2	SW 3	10	10	—		
17	48	44	45°7	46°9	40°2	49°2	277	207	91	93	S 2	SW 2	10	0	—		
18	39	29	45°7	47°9	44°8	52°0	304	303	87	92	SW 3	SW 4	0	4	080	Fine and clear all day.	
19	39	15	47°9	49°1	46°9	52°1	333	299	100	86	SW 1	SW 5	10	5	090		
20	20	30°03	44°8	44°7	41°0	54°0	235	240	79	81	W 2	S 6	3	4	180	Squally ☉ ☉ < p.	
21	30°34	29°93	42°7	49°7	35°5	54°1	216	277	79	78	SW 2	SW 7	10	9	480	☉ ☉ at night.	
22	29°80	74	45°7	42°7	40°8	52°0	289	257	94	93	SW 2	W 1	10	10	730	☉ ☉ nearly all day.	
23	01	42	48°7	39°7	37°0	53°4	299	199	87	81	S 5	NW 6	10	3	390	☉ showers a. ☉ from SW, during day (force at Noon.) Bar. 28°72 Noon.	
24	75	51	35°7	40°7	33°1	43°3	185	237	88	93	W 4	SW 4	10	2	330	☉ ☉ ☉ showers a.	
25	29°30	29°20	35°8	33°9	31°4	44°5	179	155	85	79	SW 3	SW 1	10	10	190	Squally before ga. ☉ ☉ showers. [☐ in NW. 4.30p.	
26	28°72	28°02	33°4	33°7	30°0	40°0	173	136	91	70	SE 2	WNW 8	10	10	800	☉ ☉ till 1p. Bar. 27°48 5.20p. ☉ ☉ ☉ showers. [from 6p., with ☉ ☉ ☉ showers.	
27	28°73	28°90	33°7	32°4	29°5	36°7	178	149	91	81	W 5	SW 2	7	0	340	☉ ☉ ☉ during the day.	
28	29°41	29°66	38°7	34°7	31°6	41°6	165	186	71	92	W 2	SW 1	6	0	260	☉ ☉ ☉ showers.	
29	33	51	40°1	42°2	31°6	50°6	244	252	98	93	S 1	SW 1	10	10	350		
30	48	66	41°2	41°2	34°0	49°4	194	211	75	82	SW 5	SW 5	3	3	210	Squally ☉ ☉ ☉ during day. ☐ 4p.	
31	29°60	29°30	38°2	43°5	37°2	45°0	214	252	93	89	N 2	Calm 0	10	5	050	[< later.	
Means	29°881	29°870	42°5	42°9	38°2	48°4	247	245	89°1	87°3	2°5	2°8	7°8	7°0	6°460		



## MARKREE CASTLE, SLIGO.

Height above Mean Sea Level, 131 feet. Long. 8° 27' W. Lat. 54° 11' N.

JANUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	37° 3'	36° 9'	34° 1'	39° 3'	in.	in.	80	89	ENE 2	SE 1	10	10	ins.	
2	30° 32	30° 16	37° 3'	36° 9'	34° 1'	39° 3'	in.	in.	80	89	ENE 2	SE 1	10	10	ins.	
3	30° 02	29° 57	38° 3'	39° 2'	35° 1'	41° 3'	in.	in.	86	86	SE 2	ENE 3	10	10	ins.	
4	29° 70	29° 70	43° 0'	48° 2'	39° 0'	49° 6'	in.	in.	94	98	Calm	SE 1	10	10	ins.	
5	29° 00	29° 00	44° 7'	50° 4'	44° 6'	51° 1'	in.	in.	96	96	Calm	SE 2	10	10	ins.	
6	29° 51	29° 51	45° 7'	46° 7'	45° 6'	52° 1'	in.	in.	94	89	SE 2	SW 4	6	7	ins.	
7	29° 02	29° 02	46° 3'	44° 5'	44° 3'	49° 0'	in.	in.	92	78	WSW 1	SSW 1	10	10	ins.	
8	29° 55	29° 55	39° 9'	39° 7'	38° 7'	45° 4'	in.	in.	89	87	SW 1	S 1	9	10	ins.	
9	29° 54	29° 54	51° 2'	50° 1'	39° 5'	52° 3'	in.	in.	86	89	WSW 2	SW 2	10	10	ins.	
10	29° 53	29° 53	50° 7'	46° 3'	44° 6'	51° 8'	in.	in.	96	92	SSW 3	Calm	0	10	ins.	
11	30° 10	30° 10	46° 1'	43° 3'	43° 1'	48° 3'	in.	in.	87	85	SSW 2	WSW 2	10	10	ins.	
12	30° 03	30° 03	40° 2'	43° 2'	35° 6'	44° 0'	in.	in.	79	71	WNW 3	NW 3	10	10	ins.	
13	29° 54	29° 54	42° 3'	44° 0'	39° 4'	46° 6'	in.	in.	92	94	Calm	SW 0.5	6	10	ins.	
14	29° 48	29° 48	43° 1'	45° 1'	41° 7'	46° 6'	in.	in.	93	93	SW 0.5	SW 1	10	10	ins.	
15	29° 43	29° 43	49° 0'	47° 5'	45° 0'	50° 4'	in.	in.	94	94	W 1	NNW 0.5	10	10	ins.	
16	29° 65	29° 65	44° 7'	45° 2'	44° 0'	48° 4'	in.	in.	96	95	Calm	WSW 0.5	10	10	ins.	
17	29° 60	29° 60	41° 6'	42° 4'	39° 0'	45° 8'	in.	in.	98	98	SSE 2	SSE 0.5	10	10	ins.	
18	29° 45	29° 45	46° 1'	47° 7'	42° 4'	50° 4'	in.	in.	93	91	S 1	S 1	10	10	ins.	
19	29° 39	29° 39	45° 7'	48° 9'	44° 8'	50° 0'	in.	in.	87	87	SSW 1	S 2	8	10	ins.	
20	29° 36	29° 36	48° 1'	48° 7'	48° 0'	51° 3'	in.	in.	90	90	Calm	S 5	10	10	ins.	
21	29° 27	29° 27	44° 0'	48° 0'	42° 7'	52° 7'	in.	in.	86	79	SW 1	WNW 3	4	8	ins.	
22	30° 37	30° 37	41° 3'	50° 1'	38° 9'	50° 8'	in.	in.	86	86	SSE 1	SSW 5	7	10	ins.	
23	29° 08	29° 08	51° 1'	44° 0'	43° 5'	53° 4'	in.	in.	98	98	SSE 1	WNW 1	10	10	ins.	
24	29° 02	29° 02	52° 1'	36° 9'	35° 3'	53° 0'	in.	in.	75	84	SSW 7?	SSW 9?	10	10	ins.	
25	29° 83	29° 83	55° 2'	41° 3'	34° 5'	42° 2'	in.	in.	89	89	WSW 1	SSW 2	8	10	ins.	
26	29° 38	29° 38	37° 4'	34° 0'	33° 0'	42° 4'	in.	in.	83	93	WSW 2	SSW 1	10	10	ins.	
27	28° 52	28° 52	33° 3'	32° 3'	30° 7'	41° 3'	in.	in.	100	100	SSE 5	W 11?	10	10	ins.	
28	28° 85	28° 85	31° 3'	34° 9'	29° 6'	39° 2'	in.	in.	100	94	W 4	W 4	9	10	ins.	
29	29° 52	29° 52	37° 0'	33° 2'	32° 3'	42° 8'	in.	in.	84	92	W 2	SSE 0.5	7	10	ins.	
30	29° 31	29° 31	49° 3'	46° 2'	33° 2'	53° 2'	in.	in.	98	81	SW 3	SSE 1	10	10	ins.	
31	29° 56	29° 56	39° 6'	40° 3'	37° 7'	48° 2'	in.	in.	82	82	SSW 3	Calm	0	3?	ins.	
Means	29° 50	29° 50	43° 2'	43° 2'	39° 3'	47° 6'	in.	in.	90° 5'	89° 3'	1° 8'	2° 3'	8° 9'	9° 6'	4° 6'10	

## DUBLIN.

Height above Mean Sea Level, 51 feet. Long. 6° 15' W. Lat. 53° 20' N.

JANUARY 1884.

1	30° 32	30° 18	40° 1'	39° 4'	39° 0'	41° 6'	in.	in.	72	87	ESE 2	SE 3	10	10	ins.	Dull and cold. $\Delta$ showers op.
2	30° 07	29° 51	40° 1'	42° 0'	38° 2'	43° 3'	in.	in.	90	89	SSE 2	SE 3	10	10	ins.	Very gloomy a.
3	29° 74	29° 58	45° 8'	50° 9'	41° 3'	51° 2'	in.	in.	96	95	SSE 1	S 2	10	10	ins.	$\Delta$ a. and p. Mild day. [sun a.]
4	29° 05	29° 05	47° 5'	50° 3'	47° 0'	52° 8'	in.	in.	96	97	SE 1	SSE 2	4	10	ins.	$\Delta$ a. Orange and purple glow.
5	29° 66	29° 66	51° 1'	49° 0'	48° 6'	53° 6'	in.	in.	92	80	SSW 1	WSW 4	10	3	ins.	Squally $\Delta$ p. Beautiful after-glow.
6	29° 69	29° 69	47° 3'	46° 7'	46° 1'	49° 4'	in.	in.	92	83	W by S 4	WNW 5	9	8	ins.	Squally $\Delta$ a. and p. After-glow.
7	29° 02	29° 16	42° 9'	40° 0'	38° 0'	47° 1'	in.	in.	85	81	W by N 3	WNW 3	10	10	ins.	Coloration round sun. Day bright and
8	29° 09	29° 09	49° 9'	50° 3'	39° 8'	52° 7'	in.	in.	88	79	W by N 5	W by S 5	10	9	ins.	Mild, dull and damp. $\Delta$ . [bracing]
9	30° 06	30° 06	53° 0'	52° 8'	49° 8'	55° 0'	in.	in.	79	82	W by S 4	W by S 5	7	4	ins.	Squally $\Delta$ a. and p. Day bright and
10	29° 14	29° 14	52° 5'	47° 1'	46° 0'	53° 8'	in.	in.	78	82	WSW 7	WSW 4	6	7	ins.	[mild]
11	29° 04	29° 04	41° 4'	40° 3'	38° 5'	47° 6'	in.	in.	83	82	WNW 4	WNW 3	9	9	ins.	$\Delta$ a. and p. Bright till 10a. $\Delta$ p.
12	29° 53	29° 53	37° 0'	44° 9'	37° 1'	46° 0'	in.	in.	87	85	WNW 3	W by N 3	1	10	ins.	$\Delta$ a. and p. Bright after-glow p.
13	29° 51	29° 51	44° 2'	44° 0'	43° 2'	46° 4'	in.	in.	89	83	W 3	W 3	9	2	ins.	Yellow and orange fore-glow a. Very
14	29° 44	29° 44	50° 1'	49° 9'	43° 3'	51° 7'	in.	in.	90	90	W 3	W 3	10	10	ins.	[faint till 2p.]
15	29° 65	29° 65	46° 2'	45° 1'	44° 8'	50° 3'	in.	in.	91	90	W 2	WSW 2	10	10	ins.	Overcast, dull and mild.
16	29° 64	29° 64	43° 3'	44° 9'	40° 9'	45° 6'	in.	in.	91	89	W by S 1	SW 2	10	10	ins.	Overcast, dull and mild.
17	29° 53	29° 53	46° 3'	49° 2'	41° 9'	50° 2'	in.	in.	90	79	W by S 1	SW 2	10	10	ins.	Overcast, dull and cooler.
18	29° 49	29° 49	48° 1'	48° 8'	46° 8'	49° 7'	in.	in.	78	74	S by W 2	S 2	10	1	ins.	Comet well seen 5.45 p.
19	29° 44	29° 44	50° 6'	48° 2'	47° 0'	53° 2'	in.	in.	82	76	SW 2	SSW 3	9	8	ins.	Overcast, and very mild.
20	29° 32	29° 32	46° 6'	50° 0'	45° 8'	51° 8'	in.	in.	83	75	WSW 3	SW 7	6	5	ins.	Cloudy, but warm. $\Delta$ p. [2 p.]
21	30° 45	30° 45	45° 3'	48° 7'	43° 4'	52° 0'	in.	in.	82	79	W 3	SW 5	6	5	ins.	Very fine day. Splendid after-glow. $\Delta$
22	29° 88	29° 74	52° 3'	54° 2'	46° 4'	55° 7'	in.	in.	85	84	SW 7	W 6	10	8	ins.	Very fine day. Squally $\Delta$ p.
23	29° 24	29° 24	53° 8'	39° 3'	38° 8'	54° 6'	in.	in.	87	81	SW 7	WNW 8	10	7	ins.	Squally $\Delta$ a. and p. $\Delta$ p. Temp.
24	29° 86	29° 86	36° 5'	40° 9'	34° 2'	42° 9'	in.	in.	85	85	W by N 4	W 4	0	0	ins.	[very high.]
25	29° 46	29° 46	41° 2'	38° 2'	36° 1'	43° 4'	in.	in.	81	82	W 4	W 2	6	7	ins.	$\Delta$ a. and p. Bright a. [Noon.]
26	28° 84	28° 37	37° 1'	37° 1'	34° 2'	49° 2'	in.	in.	86	68	SSE 3	W 8	10	2	ins.	$\Delta$ a. a. and p. $\Delta$ (sleet).
27	28° 94	28° 06	31° 9'	33° 1'	31° 2'	37° 5'	in.	in.	94	88	W 4	W 6	9	3	ins.	$\Delta$ 2 $\Delta$ 11a.-2p. Bar. 28° 15' 2.15p.
28	29° 54	29° 54	35° 9'	39° 1'	32° 4'	39° 3'	in.	in.	77	72	W 5	SSW 2	0	10	ins.	[* 10p.]
29	29° 46	29° 46	50° 4'	49° 0'	36° 9'	55° 8'	in.	in.	88	72	WSW 6	SW 3	5	10	ins.	* showers a. and p. Squally $\Delta$ .
30	29° 67	29° 67	45° 3'	45° 1'	40° 6'	53° 2'	in.	in.	71	78	WSW 5	W by S 5	7	9	ins.	Day fine and bright. Overcast evening.
31	29° 60	29° 35	42° 1'	44° 9'	41° 2'	49° 1'	in.	in.	92	87	ESE 3	SSW 2	10	1	ins.	(gale) a. and p. Warm. $\Delta$ 11a.
Means	29° 57	29° 57	45° 1'	45° 3'	41° 2'	49° 2'	in.	in.	85° 8'	82° 6'	3° 4'	3° 8'	7° 8'	7° 0'	2° 35'8	(gale) $\Delta$ early a. $\Delta$ 2 $\Delta$ 3.40p.

## PARSONSTOWN, (BIRR CASTLE.)

Height above Mean Sea Level, 182 feet. Long. 7° 55' W. Lat. 53° 6' N.

JANUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	37° 5	36° 5	34° 4	38° 9	in.	in.	80	89	SE	0° 5	NE	0° 5	10	10	ins.	—
2	30° 20	30° 14	37° 5	36° 5	34° 4	38° 9	in.	in.	80	89	SE	0° 5	NE	0° 5	10	10	ins.	—
3	30° 01	29° 54	39° 8	40° 5	35° 8	42° 0	206	213	84	85	ESE	2	NE	2° 5	10	10	182	Gusty wind, force 5 at times.
4	29° 70	29° 70	49° 5	50° 7	39° 8	52° 5	333	345	94	93	SSE	1	SE	1°	10	10	332	Gloomy and overcast.
5	29° 02	29° 02	49° 5	52° 3	45° 9	53° 0	328	360	93	92	S	0° 5	SW	2° 5	8	10	378	
6	29° 59	29° 59	48° 0	47° 0	45° 1	52° 9	287	287	87	90	S	1	SSW	1	8	10	037	
7	29° 74	29° 99	47° 0	45° 2	44° 5	47° 8	201	253	91	85	S	1	WNW	1	8	10	027	0 (mist) op.
8	30° 00	30° 19	38° 7	40° 6	38° 4	49° 0	200	195	86	77	WNW	1	Calm	0	4	8	260	Gloomy op.
9	29° 04	29° 08	50° 1	48° 7	39° 8	52° 1	308	314	85	92	SW	2	SW	0° 5	10	10	018	0 (mist) a. and p.
10	29° 06	29° 15	51° 3	51° 3	48° 1	53° 7	332	342	88	90	SSW	2	W	2	10	10	120	0 (mist) a.
11	29° 20	29° 15	48° 2	46° 0	44° 9	52° 8	320	274	86	89	W	1	SW	2° 5	10	10	113	
12	29° 11	29° 44	42° 2	41° 5	40° 2	46° 3	218	206	82	80	WSW	3	W	1°	10	9	017	0 (mist) a.
13	29° 58	29° 57	37° 2	43° 4	35° 7	47° 2	198	253	89	90	SW	0° 5	W	1° 5	3	10	014	
14	29° 54	29° 50	42° 5	43° 5	40° 6	45° 7	254	262	94	93	SW	1	WSW	1° 5	10	7	010	0 (mist) a. and op.
15	29° 49	29° 60	49° 5	47° 9	42° 3	51° 2	325	309	92	93	S	1	WNW	1	10	10	012	
16	29° 07	29° 07	44° 0	43° 5	43° 0	48° 6	272	238	94	91	WNW	0° 5	Calm	0	10	10	—	0 (mist) ga. and op.
17	29° 03	29° 58	41° 5	42° 5	40° 0	44° 4	241	230	92	92	S	0° 5	SSE	1	10	10	—	0 (mist) ga.
18	29° 51	29° 50	46° 5	48° 4	45° 0	49° 3	259	275	82	82	SSE	1	SSE	3	10	10	048	
19	29° 41	29° 40	48° 7	47° 2	46° 6	51° 0	309	271	90	84	S	1	SSE	5	10	10	074	
20	29° 33	29° 28	43° 2	50° 2	42° 2	51° 4	243	293	87	81	WSW	0° 5	WSW	5	4	10	016	0 (mist) ga.
21	30° 45	30° 17	43° 5	47° 3	41° 9	52° 2	249	261	88	81	S	1	SSE	6	9	2	020	Squally op.
22	29° 02	29° 51	51° 3	52° 0	46° 0	54° 5	352	323	93	83	SSW	3	WSW	4° 5	10	10	072	Squally op.
23	29° 24	29° 71	53° 5	37° 3	36° 0	53° 9	354	165	87	74	WSW	6	WNW	6	10	4	610	Squally a. and p.
24	29° 93	29° 75	36° 5	40° 6	34° 5	44° 1	183	216	84	86	W	1	SW	2	5	10	156	Squally a. and p. 0 (mist) op.
25	29° 51	29° 24	36° 7	35° 4	33° 1	42° 9	193	190	89	92	W	1	S	1	10	10	253	
26	28° 68	28° 51	38° 5	35° 5	30° 1	47° 0	213	151	92	72	SSE	2	WNW	7	10	1	282	0 (mist) ga. Δ * P.
27	28° 09	29° 11	31° 3	33° 3	29° 5	36° 0	162	154	91	81	WNW	1° 5	WNW	3	10	9	448	Squally, / Δ * P. and * (sleet) during day.
28	29° 02	29° 02	35° 0	37° 0	31° 2	39° 5	104	175	80	80	W	1	SE	1° 5	0	10	066	greater part of [day].
29	29° 47	29° 58	51° 0	46° 9	35° 6	53° 7	268	261	87	82	SW	2	SSW	0° 5	10	10	182	
30	29° 71	29° 81	42° 5	42° 6	38° 9	50° 2	200	235	74	87	SSW	2	S	1	8	10	087	0 (mist) ga.
31	29° 49	29° 24	40° 7	45° 7	40° 0	51° 6	222	251	88	82	NE	0° 5	SE	5° 5	10	5	184	0 (mist) op.
Means	29° 076	29° 078	44° 0	44° 1	39° 7	48° 5	258	252	87° 8	85° 5	1° 4	2° 2	8° 4	8° 8	3° 908			



DUNROBIN CASTLE.

Height above Mean Sea Level, 12 feet. Long. 3° 59' W. Lat. 57° 57' N.

FEBRUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	°	°	°	°	in.	in.	%	%					ins.	
2	29°50	29°99	37°4	32°3	31°5	42°0	°123	°184	95	100	E	N	—	—	—	Clear and frosty.
3	30°18	°99	29°3	38°4	27°5	40°0	°162	°176	100	76	NW	S	—	—	°100	✕ Clear and frosty.
4	29°83	°78	46°4	49°5	37°4	51°3	°294	°282	94	80	W	W	—	—	—	Dull and mild.
5	30°02	29°87	42°4	50°5	40°5	53°0	°210	°312	78	85	W	NE	—	—	—	Fine and mild.
6	29°96	30°04	48°3	41°4	39°6	51°5	°251	°219	74	85	W	W	—	—	—	Fine and mild.
7	°97	29°73	42°4	37°4	37°4	43°5	°231	°223	86	100	SW	W	—	—	°150	Mild.
8	°99	30°01	35°3	33°3	32°0	41°5	°168	°160	81	84	W	W	—	—	—	✕ showers.
9	29°73	29°44	34°3	43°4	31°0	43°5	°159	°236	80	83	NW	W	—	—	°060	Clear and frosty.
10	28°96	28°67	45°4	43°4	41°7	49°5	°260	°241	87	85	S	SW	—	—	°070	Mild and stormy.
11	28°73	28°78	40°4	41°2	35°1	45°5	°220	°221	88	86	SW	SW	—	—	°120	Blow and cloudy.
12	29°07	28°38	36°3	35°3	34°5	43°5	°177	°187	83	91	SW	W	—	—	—	Clear and cold. Moderate wind.
13	°23	°24	43°9	46°4	34°0	48°5	°235	°289	82	92	W	W	—	—	—	Fine and clear.
14	°53	29°97	43°4	38°4	38°4	59°0	°251	°232	89	100	S	SE	—	—	—	Mild.
15	29°84	30°33	44°4	36°3	35°6	49°5	°293	°197	97	92	SE	NW	—	—	—	
16	30°32	°35	42°4	40°4	35°6	43°0	°252	°211	93	84	SE	SW	—	—	—	Dull and cloudy. p.
17	°29	30°13	40°4	39°4	36°6	42°5	°211	°184	84	77	SE	SE	—	—	—	a. and p.
18	30°04	29°91	40°4	40°4	38°6	43°3	°201	°220	80	88	SE	SE	—	—	°200	Dull and stormy.
19	29°89	°80	41°4	40°9	40°2	42°5	°231	°205	89	81	SE	SE	—	—	—	Dull and stormy.
20	°78	°58	41°4	42°4	38°6	44°5	°210	°221	81	82	SE	E	—	—	°100	Cold wind.
21	°47	°26	41°4	42°9	39°6	49°5	°242	°241	93	87	E	E	—	—	—	Dull. n.
22	°21	°23	41°4	38°4	36°6	46°5	°185	°193	71	84	S	S	—	—	°090	Blow and clear.
23	°36	°35	40°9	32°8	31°0	47°3	°224	°166	88	89	S	SE	—	—	—	Dull.
24	°34	°40	36°8	39°4	31°5	46°5	°191	°222	88	92	E	E	—	—	—	a. Fine.
25	°55	°72	38°4	39°4	32°3	46°7	°154	°206	80	86	E	W	—	—	°070	a. Fine.
26	29°78	°91	38°4	38°4	34°5	46°0	°212	°202	92	87	N	N	—	—	—	Dull.
27	30°00	29°98	40°4	35°3	34°5	46°5	°192	°187	77	91	N	N	—	—	—	Fine.
28	°04	30°08	39°4	39°9	35°3	44°3	°222	°197	92	80	E	E	—	—	—	Clear with cold wind.
29	30°11	°01	38°4	35°3	33°5	44°5	°212	°168	92	81	E	E	—	—	—	Cold wind.
30	29°98	30°02	36°3	34°3	33°0	40°5	°177	°194	83	98	E	SE	—	—	—	Cold wind.
Means	29°713	29°722	40°3	39°5	35°4	46°1	°216	°213	86°1	87°1	—	—	—	—	°0°60	

BRAEMAR.

Height above Mean Sea Level, 1,111 feet. Long.  $3^{\circ} 24' W.$  Lat.  $57^{\circ} 0' N.$

FEBRUARY 1884.

1	29°38	29°84	33°7	27°7	27°7	35°9	°122	91	81	E	0°5	NW	2	10	7	°090	✱ showers all day.
2	30°17	30°17	26°7	27°7	26°4	34°4	°114	°135	80	N	1	W	1	4	8	—	Clear and fine.
3	29°92	29°88	41°6	43°1	27°4	43°5	°220	°227	84	W	4	SW	2	7	7	—	
4	30°03	29°96	41°6	44°6	41°5	45°3	°203	°248	78	SW	4	SW	2	4	7	—	
5	30°00	30°01	43°8	42°6	42°6	40°5	°257	°249	90	SW	2	SW	0°5	6	9	°020	
6	29°96	29°79	38°8	40°6	38°5	43°8	°212	°212	90	SW	1	SW	2	7	7	°020	
7	30°03	30°13	31°7	25°7	25°4	42°5	°156	°122	87	SW	0°5	SW	0°5	2	1	—	
8	29°80	29°48	32°7	30°6	24°4	39°7	°165	°213	89	SW	4	SW	6	7	10	°740	Dark, with $\frac{1}{2}$ ° (mist).
9	29°00	28°76	42°6	35°9	26°4	44°9	°232	°192	85	SW	8	SW	8	10	10	°1230	Dull and dark all day.
10	28°81	28°88	35°7	32°0	29°4	33°0	°160	°175	76	SW	8	SW	8	8	10	°060	Fair a. ✱ p.
11	29°16	29°45	31°7	34°4	31°7	40°0	°149	°162	83	SW	4	SW	1	7	6	°230	
12	°30	°37	40°6	42°6	33°7	43°5	°219	°245	87	SW	8	SW	8	9	10	°100	all day. Rivers overflowing.
13	°52	29°83	40°4	30°6	39°6	45°5	°224	°219	90	SW	4	SW	2	10	7	°070	showers.
14	29°79	30°25	40°6	30°2	30°2	44°5	°221	°156	88	SW	6	SW	0°5	9	0	—	
15	30°21	°25	36°6	34°4	26°7	40°5	°181	°151	84	SE	2	SE	6	8	8	°020	✱ showers. Cold.
16	30°20	30°05	34°5	31°7	30°4	37°6	°148	°149	74	SE	2	SE	6	9	10	—	✱ showers. Cold.
17	29°98	°288	33°5	33°9	31°4	35°6	°156	°177	82	SE	4	SE	1	9	10	°360	Cold damp and dull.
18	°83	°81	35°4	34°2	32°9	38°4	°178	°168	86	SE	1	SE	1	10	4	°040	Fair a. ✱ p.
19	°73	°59	35°4	37°4	32°1	38°4	°175	°194	84	SE	4	SE	0°5	8	9	°240	
20	°47	°26	39°3	39°3	34°2	40°9	°211	°207	88	SE	3	SE	1	9	10	°1260	Fine a. ✱ p.
21	°30	°36	34°7	33°4	40°3	°403	°162	°162	64	SW	10	SW	2	7	6	°280	✱ (sleet) showers.
22	°34	°38	34°5	33°4	32°4	40°8	°184	°157	92	S	1	SW	1	10	3	—	
23	°31	°30	35°0	34°7	30°4	38°6	°178	°182	87	SE	0°5	SW	0°5	4	7	—	
24	°55	°65	28°9	34°9	28°6	41°5	°141	°179	89	SE	0°5	SW	1	4	4	—	
25	°72	°84	35°9	34°2	28°6	38°8	°185	°176	88	NW	2	NW	2	9	8	°080	✱ showers.
26	29°04	29°08	34°7	33°9	33°9	39°5	°150	°171	74	E	1	NE	1	7	8	°010	
27	30°00	30°04	32°7	34°9	32°0	37°8	°165	°160	89	NE	0°5	SE	2	7	9	—	
28	30°05	30°00	32°5	28°0	27°4	35°6	°147	°138	79	SE	4	SE	1	10	10	—	
29	29°09	29°05	17°7	28°0	16°6	33°4	°097	°144	100	SE	0°5	SE	0°5	5	8	—	
Means	29°706	29°731	35°4	34°8	30°9	40°6	°177	°179	84°8	87°1	3°1	2°4	7°4	7°5	7°740		

LAUDALE.

Height above Mean Sea Level, 14 feet. Long.  $5^{\circ} 41' W.$  Lat.  $56^{\circ} 41' N.$

FEBRUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	41°2	34°1	33°9	42°5	in.	in.	°/o	°/o	E	4	ENE	4	10	1	ins.	☼ (mist) a. ✱ showers p.
2	30°25	30°16	31°0	40°1	27°2	40°5	°153	°225	88	91	E	1	SSW	4	0	10	770	Clear all day.
3	°08	29°98	47°7	49°2	37°0	49°5	°316	°342	96	98	W	5	WSW	7	10	10	760	☼ (mist) ☼ all day.
4	°13	30°06	47°0	49°8	46°1	51°5	°303	°343	94	95	W	1	W	4	10	7	520	Squally, with ☼ (mist), all day.
5	30°04	30°03	49°8	44°7	44°3	50°7	°342	°286	95	96	W	5	Calm	0	10	10	270	☼ a. ☼ (mist) ☼.
6	29°98	29°91	43°0	45°0	42°3	47°2	°277	°299	100	100	Calm	0	SW	5	10	10	740	Squally, with ☼ (mist) ☼ 9 p.
7	30°07	30°04	36°0	36°0	34°3	47°6	°201	°191	95	90	NW	4	Calm	0	5	0	—	△ 2 ✱ showers a. Large U.
8	29°77	29°31	38°8	45°2	35°3	46°1	°214	°297	91	99	SSE	3	Calm	0	9	10	870	☼ (mist) p.
9	28°89	28°69	47°0	40°2	39°7	49°7	°318	°243	99	97	Calm	0	S	1	10	8	500	Dull and gloomy with ☼ (mist).
10	28°72	28°94	48°8	44°8	34°0	49°2	°315	°233	91	78	S	7	SW	6	10	10	460	☼ a. Squally. ☼ (mist) p.
11	29°14	29°38	45°7	40°6	34°0	49°6	°296	°240	96	95	S	4	SW	3	10	2	1400	☼ a. Gloomy all day. ☼ (mist) p.
12	°24	°30	48°2	49°0	39°9	49°8	°332	°343	99	99	S	10	SW	5	10	10	840	☼ (mist) a. and p. ☼ 2 a.
13	°43	29°86	48°0	41°9	39°7	49°8	°309	°250	93	95	S	8	S	2	10	10	500	☼ (mist) a. ☼ from 8a. [∞.
14	29°87	30°21	41°0	41°7	39°0	49°2	°239	°249	94	94	W	9	SE	7	9	4	070	☼ 2 till 8.30a. ☼ 2 from 9a. White
15	30°15	°18	44°0	41°1	36°0	47°8	°224	°170	77	66	E	4	E	3	0	0	—	—
16	30°14	30°01	40°1	39°8	37°4	42°6	°173	°168	70	69	E	3	E	5	4	10	—	Cold wind.
17	29°93	29°84	40°0	39°0	36°9	42°0	°187	°188	75	92	ESE	6	SSE	7	8	10	700	☼ p.
18	°75	°67	42°4	45°8	38°0	45°8	°239	°196	88	64	ESE	5	S	6	9	8	040	☼ a. Dull and gloomy all day.
19	°60	°53	41°8	41°2	38°5	45°8	°209	°255	79	98	ESE	6	SSE	3	9	10	500	☼ all day. [☼ ☼ at night.
20	°40	°18	43°8	38°5	38°2	45°7	°254	°214	89	92	S	6	S	3	8	10	1640	Grey 0 a. Squally. ☼ Noon.
21	°25	°34	40°1	39°8	37°0	48°0	°188	°193	75	79	SSW	7	SSW	2	9	8	410	☼ from 3.30a. ✱ and ✱ ☼
22	°31	°35	39°4	42°0	36°0	45°8	°199	°221	83	84	S	3	SW	2	10	7	010	☼ before 9a. Squally. [☼ (sleet) p.
23	°23	°27	41°6	40°2	40°0	43°9	°214	°209	82	84	S	5	S	1	10	9	—	☼ (mist) a. Gloomy all day. Strong [☼ (sleet) p.
24	°58	°72	32°0	41°8	29°3	45°0	°177	°231	97	88	Calm	0	N	1	0	8	150	☼ Fine day. [☼ (sleet) p.
25	°80	°90	40°3	37°8	37°0	44°6	°233	°192	90	85	N	1	Calm	0	6	1	—	☼ (mist) a.
26	°98	°97	31°8	37°3	29°9	43°7	°160	°192	90	87	Calm	0	N	1	3	0	—	—
27	29°99	°98	37°8	40°0	37°2	41°6	°159	°164	60	66	NE	2	E	4	1	2	—	Dry and cold.
28	30°00	°98	39°0	35°0	34°4	41°8	°154	°133	65	65	E	6	E	2	3	1	—	Dry and cold.
29	29°90	29°03	35°8	32°3	31°5	36°4	°177	°178	84	97	E	4	SSE	6	10	10	620	Clouds from W. and S. at 9a. ✱ 6p.
Means	29°689	29°710	41°5	41°2	36°7	46°0	°235	°230	87°7	87°4	4°1		3°2	7°3	6°8	11°770		

DUNDEE.

Height above Mean Sea Level, 160 feet. Long.  $2^{\circ} 56' W.$  Lat.  $56^{\circ} 28' N.$

FEBRUARY 1884.

1	29°38	29°78	32°0	33°1	32°2	39°8	*139	96	73	NE	6	NE	8	10	10	*100	☼ (sleet) till 5p.	
2	30°18	30°21	32°0	31°5	29°7	34°9	*110	121	61	NE	2	W	2	5	0	—	Dull.	
3	29°08	29°05	42°1	44°7	30°2	47°0	*240	*266	90	90	W	2	W	2	10	10	—	Dull.
4	30°03	30°03	48°4	49°9	44°3	51°8	*281	*310	83	87	W	2	SW	6	7	10	—	Cloudy.
5	30°05	30°03	46°0	46°4	45°3	50°7	*205	*282	86	90	SW	2	SW	4	10	10	—	Dull.
6	29°09	29°84	43°9	43°3	42°9	47°2	*262	*242	91	86	SW	1	SW	8	10	10	—	Dull.
7	30°02	30°09	37°4	29°8	20°2	44°0	*173	*134	78	80	W	2	NW	1	0	0	—	Fine.
8	29°85	29°51	30°0	39°4	25°8	40°1	*138	*232	82	92	NW	1	SW	2	10	10	*050	Dull. [day.
9	29°06	28°82	44°7	37°5	37°5	48°8	*259	*222	88	99	SE	8	SW	8	10	10	*250	☼ 7a.—1p. and from 6p. ☼ <sup>2</sup> during
10	28°80	28°85	39°5	37°3	33°2	41°8	*187	*174	77	79	S	10	SW	12	10	10	—	☼ (gale) n. and a. ☼ <sup>2</sup> from 3p.
11	29°24	29°46	36°4	35°6	33°7	40°3	*173	*188	80	90	SW	6	W	1	5	10	*050	Dull.
12	40	44	44°6	46°4	35°2	47°9	*218	*248	88	79	SW	6	SW	12	10	10	*150	☼ <sup>2</sup> (gale) from 10a.
13	*63	29°40	43°0	42°5	40°6	49°2	*250	*251	79	92	SE	2	W	1	10	10	*150	☼ showers n. and till 3'30p. ☼ at
14	29°90	30°30	42°6	36°0	34°7	47°6	*220	*186	84	87	SW	8	NW	1	10	0	—	Cloudy.
15	30°31	35	39°9	38°0	34°8	40°7	*201	*176	82	77	SE	8	SE	10	10	10	—	☼ <sup>2</sup> from 11a.
16	*28	30°15	38°4	36°4	35°2	39°1	*188	*175	82	81	SE	10	SE	10	10	10	—	☼ <sup>2</sup> .
17	30°06	29°08	38°5	38°4	35°8	39°3	*195	*200	84	87	SE	10	SE	10	10	10	*200	☼ (gale) n. and during day.
18	29°92	*88	39°3	37°4	37°1	39°4	*207	*194	87	86	SE	8	SE	8	10	10	—	☼ in past n. ☼
19	*79	*61	38°9	39°9	34°5	40°3	*202	*238	86	97	SE	6	SE	8	10	10	*500	☼ from 5p.
20	*53	*34	42°3	43°3	38°8	45°8	*232	*254	87	91	SW	2	SE	8	10	10	—	☼ <sup>2</sup> (gale) in past n. Dull p.
21	*43	*45	40°9	37°4	36°7	46°6	*195	*194	77	87	SW	4	SE	1	7	10	*050	Dull.
22	*35	*42	37°0	36°7	35°5	43°3	*204	*206	93	95	SE	1	NW	1	10	10	—	Clouds from SW ga.
23	*32	*27	35°1	35°6	32°1	45°7	*195	*192	95	92	NE	1	SE	1	5	10	—	Fine.
24	*53	*66	36°4	38°4	34°1	45°7	*168	*178	78	77	W	1	W	1	0	7	—	Cloudy.
25	*74	29°86	38°0	36°5	34°2	46°3	*109	*175	87	81	NW	1	NW	1	5	7	—	Dull.
26	29°07	30°02	38°3	37°5	34°8	43°0	*191	*181	83	81	NE	1	NE	1	10	10	—	Dull.
27	30°44	*10	37°4	37°0	34°7	41°8	*198	*202	89	92	NE	1	SE	6	10	10	—	Dull.
28	30°02	35°5	30°8	30°2	37°9	*184	*143	88	83	SE	6	SE	4	10	10	*150	☼ <sup>0</sup> n. ☼ <sup>2</sup> showers from 5.30p.	
29	29°09	29°09	31°5	33°5	25°1	39°9	*125	*145	70	76	SE	1	SE	2	0	7	*350	Fine. Clouds from NW 9p.
Means	29°759	29°772	39°1	38°3	34°8	43°7	*203	*201	85°7	85°3	4°1	4°8	8°1	8°7	2°000			



## OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

## ROTHESAY.

Height above Mean Sea Level, 115 feet. Long. 5° 4' W. Lat. 55° 50' N.

FEBRUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	36°8	35°0	34°5	41°0	ins.	ins.	%	%	ENE	E	—	—	ins.	Dull and blowy. * (sleet).
2	29°33	29°76	36°8	35°0	34°5	41°0	213	151	97	74	NNW	SW	—	—	590	Clear and frosty. U
3	30°24	30°27	36°0	36°3	28°7	39°2	116	155	69	72	W	WSW	—	—	070	Dull, blowy, and mild.
4	12	10	45°3	46°1	35°7	47°4	300	291	99	93	W	W	—	—	046	Dull and damp with ∞.
5	14	14	47°8	48°6	45°4	49°0	325	315	99	93	W	SW	—	—	220	∞.
6	12	30°08	47°0	46°7	35°7	48°9	303	307	94	96	W	SW	—	—	106	∞. Mild.
7	01	29°89	46°3	45°1	43°1	46°9	293	252	94	84	SW	W	—	—	—	Beautiful day.
8	30°08	30°09	35°2	32°0	32°0	40°3	178	147	86	81	NW	SW	—	—	—	Dull and mild. ∞
9	29°83	29°45	36°0	43°3	30°7	44°5	204	263	96	94	E	S	—	—	—	Dull.
10	29°00	28°82	47°0	40°6	40°1	47°9	316	179	98	70	S	S	—	—	—	Dull.
11	28°90	29°07	39°3	38°6	36°8	42°5	189	170	79	73	SSW	WSW	—	—	—	Dull. (gale).
12	29°23	29°47	36°5	39°9	35°5	42°3	162	192	75	78	SW	SW	—	—	—	Dull. (gale).
13	35	40	46°7	46°9	39°6	47°9	291	209	92	94	S	S	—	—	—	Blow with a.
14	29°51	29°86	46°1	41°6	39°6	47°4	286	233	92	89	SSE	Calm	—	—	—	Clear, blowy, and cold.
15	30°01	30°24	41°6	40°3	39°4	47°9	233	215	89	87	SW	E	—	—	—	Blow with a.
16	18	22	40°4	36°5	36°5	44°5	198	157	79	73	ESE	E	—	—	—	Clear, blowy, and cold.
17	30°16	30°04	37°9	35°5	35°5	41°5	155	145	68	69	SE	ESE	—	—	—	Blow, and cold.
18	29°96	29°87	37°6	36°2	35°2	38°5	179	197	79	92	ESE	E	—	—	590	Dull. * (sleet).
19	80	75	38°6	39°1	35°2	42°0	211	182	90	77	E	E	—	—	115	a. Fair p. [4p. < later p.
20	68	58	36°5	40°1	34°7	40°5	170	233	79	94	NE	SE	—	—	410	* (sleet) showers a. i to S.E.
21	49	20	44°1	46°4	39°1	47°4	237	209	81	95	SSE	S	—	—	570	Fine.
22	36	37	41°1	39°6	34°2	46°9	166	213	65	88	SW	SW	—	—	480	Dull and mild.
23	37	41	37°1	41°1	34°2	46°5	213	230	96	89	SE	SW	—	—	020	Fine.
24	25	26	40°1	39°4	37°6	42°5	231	225	93	94	SE	E	—	—	100	Dull and mild.
25	58	74	39°1	41°1	32°8	46°9	191	230	80	89	SW	SW	—	—	025	Fine.
26	87	29°92	45°3	35°3	35°3	48°9	241	172	80	83	NW	Calm	—	—	—	Fine.
27	29°99	30°02	35°0	37°1	30°2	43°0	164	148	80	67	Calm	SE	—	—	—	Fine.
28	30°00	30°01	38°1	39°1	35°7	45°0	156	191	68	80	SE	SE	—	—	—	Fine.
29	30°04	29°98	37°6	33°3	33°3	42°0	160	137	71	71	SE	SE	—	—	—	Fine.
30	29°95	29°98	33°2	30°5	30°5	34°0	151	153	79	90	SE	E	—	—	485	* p. (1 inch deep, 9p.) Dull day.
Means	29°743	29°757	40°1	39°7	35°8	44°5	215	210	84°4	83°8	—	—	—	—	5°461	

## PINMORE.

Height above Mean Sea Level, 187 feet. Long. 4° 49' W. Lat. 55° 12' N.

FEBRUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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	29°33	29°71	38°2	34°3	34°3	45°2	216	170	94	85	SE	E	6	—	—	070
2	30°21	30°37	28°4	27°4	25°5	40°3	156	135	100	90	N	N	0°5	—	—	470
3	21	19	42°5	45°4	27°4	46°2	255	269	94	89	NW	NW	4	—	—	110
4	24	23	48°7	48°9	45°3	49°2	297	326	87	95	W	W	4	—	—	040
5	22	30°16	46°9	45°9	42°4	49°2	292	288	92	94	W	W	0°5	—	—	210
6	09	29°98	44°0	44°0	44°0	46°2	259	248	90	86	W	W	4	—	—	170
7	30°11	30°12	42°5	27°4	27°4	46°2	241	149	89	100	NW	NW	0°5	—	—	—
8	29°85	29°52	37°7	43°0	27°4	43°8	214	259	95	94	SE	SE	4	—	—	570
9	07	28°90	46°9	39°1	39°1	48°2	304	208	95	87	W	W	4	—	—	300
10	00	29°17	38°2	36°2	33°0	41°3	183	165	80	77	W	W	6	—	—	—
11	28	56	35°3	37°7	32°0	39°3	172	195	83	86	W	W	0°5	—	—	470
12	43	48	46°9	45°9	29°5	48°2	281	286	88	93	S	S	4	—	—	1°100
13	29°58	29°89	46°1	43°0	41°4	47°2	291	259	93	94	S	S	0°5	—	—	490
14	30°08	30°25	39°1	37°4	36°5	49°2	217	198	91	89	S	S	0°5	—	—	020
15	13	21	40°1	35°8	34°5	45°2	190	157	76	74	SE	SE	6	—	—	—
16	30°14	30°03	35°8	34°5	34°5	42°3	179	163	85	81	SE	SE	3	—	—	050
17	29°96	29°83	36°2	35°8	33°5	38°8	178	195	83	93	SE	SE	0°5	—	—	780
18	79	73	39°6	40°6	35°5	45°2	197	163	81	64	SE	SE	4	—	—	090
19	66	58	38°2	41°5	37°9	43°3	216	247	94	95	S	S	0°5	—	—	360
20	51	19	42°4	47°4	40°9	47°7	243	298	90	91	S	S	6	—	—	1410
21	45	43	36°2	38°2	35°5	47°7	186	208	87	91	S	S	0°5	—	—	Very wet and stormy.
22	37	45	34°6	39°6	34°5	45°2	195	229	97	94	S	S	0°5	—	—	300
23	33	29	38°9	38°0	34°5	42°3	208	210	88	92	S	S	0°5	—	—	010
24	60	80	37°2	40°1	34°5	47°2	200	223	90	90	N	N	0°5	—	—	070
25	29°85	29°93	43°0	42°0	39°8	47°7	221	241	80	91	N	N	0°5	—	—	—
26	30°01	30°03	29°9	30°4	25°5	45°7	158	170	95	100	N	N	0°5	—	—	—
27	00	30°01	34°6	34°5	30°4	43°3	175	176	87	88	NE	SE	0°5	—	—	—
28	30°02	29°98	36°1	32°4	32°4	40°3	160	162	75	88	SE	SE	3	—	—	040
29	29°97	29°97	31°4	32°2	31°4	38°8	177	169	100	93	SE	SE	3	—	—	400
Means	29°775	29°792	39°2	38°6	34°5	44°8	216	213	88°9	89°1	1°5	2°4	—	—	7°600	

FEBRUARY 1884.

## SCALEBY (NEAR CARLISLE).

Height above Mean Sea Level, 111 feet. Long. 2° 52' W. Lat. 54° 58' N.

FEBRUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.		
	ins.	ins.					in.	in.	%	%							
1	29°25	29°52	40°7	47°0	36°5	47°8	252	277	99	87	NW	2	NE	8	10	2	ins.
2	30°10	30°34	32°0	27°0	26°5	47°8	172	147	95	100	N	5	S	2	3	0	*050 Squally at night.
3	20	16	40°5	45°5	26°5	46°5	252	284	100	94	SW	3	SW	6	10	9	*120 Fine.
4	19	21	47°0	47°5	45°0	49°0	323	329	100	100	SW	6	SW	4	10	10	*020 Dull.
5	18	30°16	46°7	45°1	45°0	48°7	308	301	97	100	SW	5	SW	4	10	10	*040 Dull a. at night.
6	09	29°98	43°7	44°5	43°7	47°0	285	247	100	84	SW	3	SW	6	10	10	*020 0 in evening.
7	30°05	30°14	39°5	35°7	34°8	45°2	240	207	99	99	SW	1	NE	2	7	5	*050 Dull, with a. Fine p.
8	29°87	29°54	41°0	42°5	35°0	44°2	252	252	98	93	S	1	SW	3	10	10	— Very fine.
9	15	28°95	47°5	41°7	41°7	51°5	304	250	94	95	S	6	SW	7	10	10	— Dull.
10	05	29°22	39°0	41°7	35°0	44°6	227	250	96	95	SW	7	SW	6	10	8	*210 Dull.
11	32	57	35°0	37°0	33°2	43°5	204	220	100	100	SW	4	SW	3	10	5	*060 Squally * (sleet).
12	49	56	45°5	46°0	35°8	51°0	284	277	94	90	SW	7	SW	8	10	8	*280 *
13	29°04	29°87	48°5	43°5	42°5	51°8	318	283	94	100	SW	7	SW	3	10	10	*060 Squally a. all day.
14	30°11	30°25	44°0	39°7	35°5	50°5	278	222	97	91	SW	3	NE	4	3	0	*350 Squally a.
15	17	27	41°0	36°7	36°5	43°0	223	182	87	83	NE	4	NE	5	5	3	—
16	21	30°14	37°0	37°0	34°0	41°5	216	193	98	89	E	5	SE	5	2	5	—
17	30°00	29°91	38°0	40°7	34°0	42°5	201	202	88	80	E	4	E	5	10	10	*040
18	29°86	29°82	38°0	34°7	34°5	43°0	204	179	89	89	E	4	E	2	8	0	—
19	72	59	37°5	42°5	31°0	43°0	216	272	97	100	E	2	E	2	3	10	*080 Dull. at night.
20	59	36	44°5	49°0	42°0	49°5	262	338	99	97	SE	3	SE	7	3	10	*060 Squally p.
21	45	47	41°0	40°0	38°0	49°5	268	238	81	97	SW	2	Calm	0	3	1	*050 Fine.
22	34	45	39°5	39°5	37°5	43°0	242	242	100	100	Calm	0	SW	2	10	0	*110
23	34	21	39°0	39°5	35°0	45°0	230	242	97	100	S	2	Calm	0	10	10	*180
24	52	72	38°5	36°5	35°5	46°8	235	208	97	97	N	2	Calm	0	10	0	—
25	79	29°88	38°5	36°0	33°0	42°5	233	204	100	96	SW	1	E	2	7	0	— Very fine.
26	29°97	30°01	31°5	36°5	27°9	43°0	177	208	100	97	Calm	0	NE	1	10	0	— Fine all day.
27	30°00	30°03	36°5	38°0	31°0	43°0	179	201	84	88	NE	3	E	2	10	10	— Fine.
28	30°05	29°98	36°0	30°5	30°5	39°8	167	159	79	95	E	2	E	2	10	0	— Fine.
29	29°98	30°01	32°0	32°0	29°0	37°5	172	176	95	97	E	1	Calm	0	10	5	*050 *
Means	29°782	29°804	40°0	39°8	35°4	45°6	236	234	94°7	94°2	3°2		3°5	8°3	5°5	1°710	



## CRONKBORNE (DOUGLAS), ISLE OF MAN.

Height above Mean Sea Level, 137 feet. Long. 4° 29' W. Lat. 54° 10' N.

FEBRUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	42°	40°	39°	47°	ins.	ins.	%	%	ESE 2	NE 9-10	6	10	ins.	Squally 2 p.
2	29°25	29°48	42°	40°	39°	47°	257	257	94	77	ESE 2	NE 9-10	6	10	159	Squally (force 9) before 9a.
3	30°16	30°36	33°	29°	29°	45°	180	139	95	87	NE 3	Calm 0	4	2	206	(mist) a.
4	27	26	42°	40°	39°	47°	260	285	96	92	WSW 4	WSW 4-5	10	10	203	(mist) a.
5	27	28	47°	48°	45°	49°	317	320	98	93	WSW 4-5	SW 4	10	10	202	
6	25	20	47°	48°	45°	48°	298	274	93	83	WSW 3	WSW 2-3	10	10	206	
7	12	01	45°	45°	44°	48°	262	273	86	91	WSW 3	SW 4	9	10	210	
8	30°08	30°08	41°	38°	37°	45°	231	196	88	83	NW 1	Calm 0	10	10	370	(mist) a.
9	29°85	29°54	43°	40°	38°	46°	273	294	95	95	S 3	S 4-5	10	10	266	(mist) a. Squally a. and p. 11.30a.
10	11	28°96	47°	43°	41°	48°	317	213	97	77	S 5-6	SW 5-6	10	6	105	[force 11], 10p.—Midd.
11	08	29°26	40°	37°	37°	43°	194	183	78	80	WSW 6	WSW 7-8	10	7	268	Squally all day. 2 reaching
12	33	58	40°	41°	36°	42°	191	224	77	85	WSW 4	WSW 3	3	3	135	Squally a. (mist) p.
13	48	51	47°	40°	41°	47°	305	302	94	95	S 7	S 7-8	10	10	202	op.
14	29°61	29°78	47°	43°	43°	47°	308	287	94	100	SSE 6	E 2	10	10	—	(mist) a. Squally p.
15	30°08	30°19	44°	42°	40°	51°	261	223	90	84	SW 2	ENE 3	9	0	248	Squally a. and p.
16	30°16	30°16	42°	39°	39°	45°	244	173	89	74	E 5	ESE 6-7	10	10	850	(mist) a. and p. all day. Snow on the mountains.
17	30°11	29°97	38°	37°	37°	39°	166	162	72	71	ESE 6	ESE 7	9	10	270	Squally (mist) a. and p.
18	29°91	80	37°	40°	35°	40°	200	241	91	96	ESE 5	SE 4-5	10	10	368	a. (mist) a. and p.
19	75	71	40°	41°	40°	42°	226	149	92	57	ESE 5	ESE 5	10	10	269	Squally and 2 showers p.
20	64	56	40°	44°	37°	44°	227	277	92	96	ESE 5	SE 3	10	10	618	Squally (force 11) a. 2 10a.
21	51	30	45°	48°	43°	48°	250	287	83	83	SSE 4-5	SSE 8	10	10	129	2 a. 2.35p.
22	46	45	43°	39°	36°	49°	226	211	82	88	SSE 4-5	SW 6	10	10	120	2 showers.
23	36	44	41°	42°	37°	45°	232	242	90	90	W 4	SW 2	7	2	205	
24	32	19	42°	42°	39°	45°	244	243	91	88	SSW 3	W 3	9	9	202	Noon. p.
25	57	78	41°	42°	38°	47°	225	234	86	88	N 2	WNW 3	3	4	—	a. p.
26	84	90	42°	41°	40°	46°	224	227	84	89	WNW 4-5	NW 2	2	1	—	a. (mist) a. and p. p.
27	94	97	40°	40°	31°	43°	196	205	79	81	NE 1	E 4	1	3	—	Squally a. (mist) a. and p.
28	96	95	41°	41°	39°	44°	230	206	92	80	ESE 4	ESE 6	6	10	—	Squally a. (mist) a. and p.
29	95	90	38°	37°	37°	41°	179	175	77	78	ESE 6	ESE 4	10	10	323	(mist) a. and p. 2 a. 2.35p. (sheet) p.
Means	29°769	29°777	42°	41°	38°	45°	237	229	88°	85°	4°	4°	8°	7°	4°	964

## STONYHURST.

Height above Mean Sea Level, 375 feet. Long. 2° 28' W. Lat. 53° 51' N.

FEBRUARY 1884.

1	29°33	29°37	42°2	38°9	35°2	47°7	*241	*218	90	92	S 1	NE 2	8	10	*692	
2	30°07	30°37	35°1	28°9	28°2	45°1	*130	*103	66	65	NNE 2	Calm 0	7	0	*148	
3	33	30	33°4	43°2	27°1	44°1	*163	*247	85	88	W 1	W 3	10	10	*185	* a.
4	32	34	44°8	46°0	42°3	47°3	*278	*309	94	99	W 3	SW 2	10	10	*385	
5	29	25	44°9	44°9	44°1	48°2	*270	*245	93	83	WSW 2	WSW 2	10	10	*002	
6	17	08	43°1	42°4	41°5	46°4	*237	*214	85	79	SW 1	SW 1	10	10	*060	
7	30°09	30°10	40°9	40°9	37°4	44°1	*236	*222	93	87	WSW 1	Calm 0	10	10	*050	
8	29°91	29°67	40°2	42°1	38°8	43°0	*226	*236	91	88	Calm 0	SW 1	10	10	*004	
9	29	13	47°0	45°2	41°6	50°0	*275	*239	86	80	S 6	SW 5	10	10	*230	
10	23	37	38°0	35°0	33°4	45°4	*182	*164	79	80	SSW 4	SW 3	10	7	*238	* showers a. T ip.
11	45	67	33°1	37°0	32°6	41°0	*174	*184	92	84	S 3	SW 2	10	0	*115	* a.
12	68	67	45°3	45°4	34°7	50°2	*247	*234	82	77	S 5	S 6	10	10	*010	
13	29°74	29°88	47°1	48°0	44°2	50°5	*256	*287	79	87	SE 5	SE 3	10	10	*127	
14	30°15	30°21	41°9	41°5	39°7	50°6	*226	*213	87	82	SW 1	NE 1	5	10	—	
15	17	21	38°7	36°9	35°9	44°9	*193	*152	83	70	E 4	E 4	10	10	—	
16	30°17	30°03	36°2	34°9	33°6	40°7	*158	*149	74	73	ENE 3	E 3	10	10	—	
17	29°97	29°90	36°9	37°9	34°3	42°2	*182	*193	83	85	E 3	NE 2	10	10	*300	
18	85	83	38°0	35°0	32°8	41°1	*175	*153	76	74	NNE 2	E 2	8	0	*054	
19	74	64	37°9	42°0	31°7	43°7	*191	*252	84	94	E 2	Calm 0	10	10	*137	
20	67	51	42°9	48°0	31°3	49°4	*235	*285	85	86	S 3	SSE 6	2	10	*210	
21	61	52	39°5	40°0	36°0	48°8	*198	*213	82	86	S 2	S 3	0	9	*445	Δ T 1.30p. < 9p.
22	43	51	40°7	39°0	35°3	47°3	*222	*199	88	84	SW 3	Calm 0	10	10	*027	○ 10.25a.
23	40	27	39°3	38°2	35°3	45°2	*215	*212	90	92	SW 2	WSW 1	10	10	*226	○ 11.25a.—Noon.
24	55	77	40°7	39°1	35°2	45°3	*204	*217	80	91	NW 1	WNW 1	10	0	*040	Auroral glow 9p.
25	85	29°89	42°4	37°4	36°1	44°5	*241	*208	89	93	W 2	WNW 1	10	0	*029	< p., but clear sky.
26	29°96	30°00	33°1	37°9	28°9	44°3	*164	*186	87	85	NE 1	Calm 0	0	1	—	
27	30°01	30°03	39°4	38°0	36°5	42°4	*179	*185	75	81	E 1	E 2	10	10	—	
28	02	29°97	36°5	33°0	32°3	41°0	*170	*143	79	76	E 2	E 2	10	10	—	
29	30°00	30°00	32°0	32°3	27°6	37°0	*131	*137	72	70	Calm 0	Calm 0	10	10	—	
Means	29°843	29°845	39°7	39°6	35°3	45°2	*207	*207	83°8	83°1	2°3	2°0	8°6	7°8	3°814	

## WAKEFIELD.

Height above Mean Sea Level, 96 feet. Long. 1° 30' W. Lat. 53° 41' N.

FEBRUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	41°	39°	39°	49°	ins.	ins.	76	73	SE 1	NNE 6	10	10	ins.	Dull 9a. 2 p.
2	29°35	29°39	41°	39°	39°	49°	203	203	99	99	N 4	NNE 2	9	0	209	Dull 9a.
3	30°03	30°29	37°	32°	31°	43°	172	134	76	73	N 4	NNE 2	9	0	209	Dull.
4	30	25	37°	44°	30°	45°	198	261	89	88	WSW 3	WSW 2	10	10	—	Dull.
5	28	31	47°	47°	34°	49°	305	307	92	94	SW 2	WSW 2	10	8	—	Dull.
6	29	22	47°	44°	44°	49°	292	253	88	85	W 2	SW 2	10	6	—	Dull a.
7	18	10	44°	44°	43°	47°	263	231	88	78	SW 2	WSW 2	10	10	—	
8	30°11	30°09	39°	41°	38°	45°	224	250	92	98	SW 1	WNW 1	10	10	270	Overcast. 2 during the day.
9	29°93	29°69	38°	42°	38°	44°	234	241	99	89	E 2	SE 2	10	7	219	
10	37	11	47°	49°	42°	52°	305	277	92	78	ESE 3	W 6	10	4	280	Dull 9a. Day fine, with p.
11	27	40	41°	36°	35°	49°	206	176	80	81	SW 7	WSW 6	3	0	209	Fine.
12	48	65	40°	40°	36°	43°	216	210	87	85	W 5	SSE 3	5	0	203	Fine and bright.
13	74	75	47°	44°	38°	51°	288	254	89	85	SSE 4	SSE 4	10	6	—	Dull 9a.
14	29°81	29°94	47°	49°	41°	53°	301	317	91	88	SSE 3	SE 2	10	10	—	Dull.
15	30°15	30°23	45°	43°	41°	52°	264	240	88	85	SW 2	E 2	4	10	202	Fine and bright a. Dull p.
16	21	27	38°	37°	37°	44°	199	180	84	79	E 2	SSE 2	10	10	—	Dull.
17	30°01	30°06	36°	35°	34°	38°	179	171	82	82	ESE 2	ESE 3	10	10	—	
18	29°93	29°91	37°	38°	35°	43°	193	214	85	93	E 2	E 2	10	10	—	
19	78	89	38°	33°	33°	43°	208	167	91	88	ESE 2	ESE 2	5	7	—	Fine.
20	73	71	34°	41°	31°	41°	196	250	97	98	E 2	E 1	10	10	202	
21	78	58	45°	49°	40°	50°	257	312	85	90	S 2	S 7	0	5	060	p.
22	65	57	46°	40°	39°	49°	234	232	76	94	E 2	S 3	0	3	080	n. Fine.
23	44	50	45°	42°	39°	48°	248	218	83	81	ESE 4	S 1	4	6	010	Fine and bright.
24	42	29	41°	41°	36°	49°	214	250	82	68	SE 2	SE 2	8	10	460	Dull.
25	50	77	41°	37°	37°	46°	242	218	93	95	NNE 2	W 2	10	0	010	n. Fine from 11a.
26	83	86	44°	39°	36°	47°	246	285	83	93	W 4	W 2	5	3	050	Fine till 2.30p., then 2.
27	29°95	29°99	32°	39°	32°	44°	171	225	94	91	W 1	NW 2	10	10	—	9a.—9.30a.
28	30°04	30°06	37°	37°	36°	42°	223	197	98	87	E 2	E 4	10	7	—	Dull.
29	05	01	36°	32°	32°	38°	188	165	80	80	E 3	E 2	10	10	040	X° showers.
30	30°02	30°03	29°	35°	23°	36°	151	183	95	96	E 1	ESE 1	10	8	—	Overcast and dull.
Means	29°864	29°859	41°1	40°8	36°7	46°3	2230	2228	88°6	88°3	2°6	2°7	8°0	6°9	2°220	



## BUXTON.

Height above Mean Sea Level, 987 feet. Long. 1° 54' W. Lat. 53° 14' N.

FEBRUARY 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative 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.	41°	33°	31°	43°	in.	in.	88	85	S	2	NE	2	7	9	ins. 800
2	29°34	29°44	41°	33°	31°	43°	229	167	88	85	NE	3	NE	1	6	0	* before ga.
3	30°04	30°41	33°	28°	28°	36°	168	143	88	93	NE	3	NE	1	6	0	* ga. and before.
4	37	39	32°	28°	28°	36°	183	157	98	94	SW	2	W	4	10	10	before ga.
5	35	37	42°	44°	42°	48°	256	278	93	94	W	1	W	2	10	8	—
6	32	27	44°	41°	40°	45°	247	254	85	96	SW	2	SW	2	7	7	—
7	21	12	40°	39°	38°	45°	222	184	88	76	SW	2	W	2	8	6	—
8	30°11	30°05	39°	39°	33°	43°	218	228	89	96	W	1	NW	1	10	8	200
9	29°03	29°11	35°	40°	33°	40°	194	220	95	88	SW	2	S	2	9	9	—
10	36	17	45°	44°	38°	48°	269	226	89	76	S	3	SW	4	9	7	180
11	31	47	37°	31°	31°	45°	205	149	92	82	SW	3	W	2	5	4	070
12	53	72	34°	35°	30°	38°	176	182	88	87	SW	3	SW	2	9	4	070
13	75	74	43°	41°	33°	40°	236	224	82	87	SW	2	SW	1	8	3	—
14	29°81	29°91	41°	45°	39°	49°	246	231	83	77	S	1	SE	2	7	6	060
15	30°16	30°17	41°	43°	34°	51°	233	253	89	88	W	1	SW	1	1	7	—
16	17	22	34°	33°	32°	43°	184	140	91	72	E	3	SE	3	9	10	—
17	30°18	30°08	32°	32°	31°	34°	174	183	96	98	SE	3	SE	2	7	9	—
18	29°03	29°02	34°	35°	31°	39°	157	163	77	79	SE	2	SE	2	8	10	265
19	88	86	33°	30°	30°	41°	186	136	96	79	SE	3	SE	2	7	2	030
20	76	69	32°	33°	30°	43°	174	172	96	91	SE	1	SE	1	10	10	160
21	72	59	41°	45°	30°	47°	218	273	83	90	S	2	S	3	4	10	100
22	65	58	39°	37°	34°	46°	221	209	92	94	S	2	S	2	0	4	075
23	47	55	39°	36°	33°	45°	206	190	84	90	SW	3	SW	1	8	4	—
24	43	31	38°	38°	30°	43°	202	220	88	94	SW	2	SW	2	9	10	600
25	54	81	35°	38°	34°	44°	203	214	97	93	NW	2	SW	2	10	7	250
26	85	29°90	38°	38°	34°	43°	217	216	92	93	W	3	W	2	7	9	280
27	29°98	30°01	37°	34°	32°	44°	200	182	88	91	N	1	W	1	3	4	—
28	30°02	30°05	35°	34°	32°	41°	178	194	85	96	E	2	E	2	7	10	—
29	30°01	30°00	36°	30°	29°	37°	183	156	84	94	E	2	E	1	6	9	—
30	30°00	30°04	27°	27°	19°	37°	145	96	66	SE	1	SE	1	9	1	010	* before ga.
Means	29°867	29°881	37°	37°	32°	43°	204	198	89°	87°	2°	1°	7°	6°	3°	190	

## HILLINGTON, NORFOLK.

Height above Mean Sea Level, 88 feet. Long. 0° 33' E. Lat. 52° 48' N.

FEBRUARY 1884.

1	29°41	29°40	46°	44°	43°	50°	207	258	95	90	SW	1	SW	3	10 10
2	29°85	30°30	39°	36°	36°	44°	192	192	81	83	NE	5	N	1	10 10
3	30°39	32	31°	42°	29°	42°	153	255	87	93	W	2	SW	5	10 10
4	35	38	43°	44°	41°	50°	263	293	92	99	W	2	W	2	10 6
5	35	30	44°	43°	43°	48°	279	279	94	98	SW	3	SW	1	10 10
6	23	18	42°	41°	37°	45°	246	225	92	88	SW	1	SW	1	10 10
7	30°10	30°08	36°	33°	33°	41°	204	193	95	100	SW	1	SW	0°5	10 10
8	29°97	29°76	37°	40°	33°	40°	209	243	94	98	S	0°5	S	0°5	10 10
9	55	27	45°	50°	39°	50°	286	352	93	97	S	4	SW	6	10 9
10	44	56	43°	36°	36°	51°	225	194	79	99	SW	5	SW	4	0 4
11	65	79	38°	30°	33°	45°	202	214	88	89	SW	4	W	3	2 0
12	88	29°93	45°	42°	33°	48°	280	252	94	92	SW	4	SW	4	8 3
13	29°96	30°00	46°	48°	42°	54°	295	321	93	96	SE	2	S	3	4 5
14	30°19	21	48°	42°	42°	52°	327	269	96	98	SW	1	SE	2	10 10
15	18	27	34°	38°	31°	43°	180	187	91	81	E	4	E	5	7 10
16	22	30°09	36°	36°	35°	39°	184	183	85	84	SE	3	E	4	10 10
17	30°03	29°06	38°	37°	35°	43°	199	193	87	88	SE	5	ESE	6	10 2
18	29°93	88	36°	31°	30°	43°	184	154	86	89	SE	6	SE	0°5	1 0
19	80	73	36°	46°	29°	47°	208	207	96	95	SE	0°5	SSE	1	10 10
20	72	79	46°	47°	42°	53°	285	321	92	87	SW	1	SW	6	7 6
21	84	68	45°	43°	42°	50°	286	266	95	96	SW	1	S	3	10 3
22	62	56	44°	44°	36°	50°	265	275	90	95	SW	3	S	2	2 10
23	50	42	41°	41°	35°	47°	249	238	97	91	SW	1	SW	5	3 10
24	44	74	41°	34°	34°	45°	246	189	96	94	NW	3	N	1	10 0
25	80	86	39°	37°	33°	46°	225	225	92	100	WNW	2	NW	1	10 6
26	29°91	29°99	37°	29°	29°	45°	218	160	97	97	NW	1	NNE	0°5	10 0
27	30°05	30°08	37°	35°	28°	44°	206	184	99	90	SE	1	SE	1	10 0
28	30°03	29°09	34°	27°	27°	38°	196	151	99	100	SE	1	ENE	1	10 1
29	29°97	30°01	34°	34°	27°	43°	199	175	98	88	E	1	SE	1	8 10
Means	29°908	29°914	40°	39°	35°	46°	234	228	91°	92°	2°	4°	7°	6°	0°665

## UPPINGHAM.

Height above Mean Sea Level, 484 feet. Long. 0° 44' W. Lat. 52° 35' N.

FEBRUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative 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.				
1	ins.	ins.	42°	42°	41°	49°	in.	in.	%	%	SSW	1	SSE	2	4 10	ins. 258	Overcast p.
2	29°39	29°33	35°	31°	30°	43°	170	141	82	79	NNE	4	NbyW	2	10 9	—	✱ <sup>0</sup> a. ☉ <sup>0</sup> ga. [Gloomy p.
3	30°39	34	30°	21°	28°	41°	133	241	78	92	swb.w	2	swb.w	3	10 10	—	☉ <sup>0</sup> Sa. Keen air ga. ☉ <sup>0</sup> noon.
4	36	39	43°	44°	41°	48°	245	276	87	93	WbyS	2	WSW	2	10 10	—	Dull and overcast all day.
5	37	32	43°	43°	42°	46°	260	257	91	90	Why S	1	swbys	2	10 10	—	Overcast all day.
6	24	18	40°	40°	40°	44°	211	228	84	91	Why S	1	SW	1	10 10	—	Gloomy a. Bright early p. ∞ 11p.
7	30°13	30°09	36°	37°	34°	41°	197	216	93	98	SW	1	NbyW	1	10 10	—	Overcast p., with ☼ from 6p.
8	29°97	29°77	30°	39°	30°	39°	160	232	94	96	S by W	1	S by W	1	10 10	—	Round a. ☼ a. and p.
9	49	22	45°	50°	38°	50°	280	297	92	82	S by W	5	SSW	5	10 10	055	☉ <sup>0</sup> a. ☉ <sup>0</sup> a. and p. (select) showers p.
10	39	54	40°	35°	34°	50°	188	164	75	80	SSW	5	swb.w	6	0 3	—	☉ <sup>0</sup> a. ☉ <sup>0</sup> a. (select) showers p.
11	62	76	36°	35°	32°	43°	187	180	87	85	SSW	5	swbys	2	0	—	☉ <sup>0</sup> a. ☉ <sup>0</sup> a. (select) showers p.
12	84	84	44°	40°	33°	47°	251	210	85	85	SSW	5	S by E	4	10 4	—	☉ <sup>0</sup> a. ☉ <sup>0</sup> a. (select) showers p.
13	29°89	29°94	45°	46°	39°	52°	271	279	91	88	S by W	4	S by E	2	8 10	—	Dull, with ☉ a.
14	30°16	30°18	43°	43°	42°	51°	254	256	91	89	WSW	1	NbyW	1	8 10	—	Sunny and warm p. ☼ 11p.
15	16	21	37°	36°	35°	44°	196	197	88	78	ESE	2	ESE	2	10 10	—	Cold and gloomy all day. ☉ <sup>0</sup> 1p.
16	30°17	30°06	34°	34°	32°	36°	161	162	80	81	ESE	3	ESE	2	10 10	—	[wind.
17	29°99	29°03	35°	35°	33°	43°	186	185	90	90	ESE	4	ESE	1	10 7	—	☉ <sup>0</sup> early a. ☼ ☼ ☼ 7a.—4p.
18	90	86	34°	30°	29°	43°	169	138	85	82	SE	2	SE	1	2 0	047	Bright morning. Rough ☉ at night.
19	77	70	34°	44°	28°	44°	194	283	98	97	ESE	1	S	3	10 10	037	☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ <sup>0</sup> a. ☉ 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## GELDESTON (BECCLES).

Height above Mean Sea Level, 37 feet. Long. 1° 31' E. Lat. 52° 23' N.

FEBRUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	47°	45°	45°	50°	in.	in.	%	%	SSW 1	SSW 2	10	0	ins.	○ 10.30a.
2	29°43	29°44	47°	45°	45°	50°	251	251	94	84	NNE 4	N 1	10	1	—	○ on grass op.
3	30°40	30°41	47°	45°	45°	50°	251	251	94	84	WSW 1	WSW 1	10	10	—	○ 10.30a.
4	30°40	30°41	47°	45°	45°	50°	251	251	94	84	W 2	WSW 1	10	10	—	○ 10.30a.
5	30°40	30°41	47°	45°	45°	50°	251	251	94	84	SW 1	SW 1	10	10	—	○ 10.30a.
6	30°40	30°41	47°	45°	45°	50°	251	251	94	84	WSW 1	WSW 1	10	10	—	○ 10.30a.
7	30°14	30°07	38°	39°	34°	42°	211	228	92	90	SSW 1	E 1	10	10	—	○ 10.30a.
8	29°56	29°51	39°	41°	38°	41°	227	254	93	98	Calm	SSE 1	10	10	—	○ 10.30a.
9	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 5	9	10	—	○ 10.30a.
10	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	—	○ 10.30a.
11	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	—	○ 10.30a.
12	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SSW 2	8	0	—	○ 10.30a.
13	30°01	30°04	47°	45°	42°	53°	295	307	91	92	S 2	SSE 2	1	7	—	○ 10.30a.
14	30°01	30°04	47°	45°	42°	53°	295	307	91	92	S 2	SSE 2	1	7	—	○ 10.30a.
15	30°01	30°04	47°	45°	42°	53°	295	307	91	92	S 2	SSE 2	1	7	—	○ 10.30a.
16	30°01	30°04	47°	45°	42°	53°	295	307	91	92	S 2	SSE 2	1	7	—	○ 10.30a.
17	30°01	30°04	47°	45°	42°	53°	295	307	91	92	S 2	SSE 2	1	7	—	○ 10.30a.
18	30°01	30°04	47°	45°	42°	53°	295	307	91	92	S 2	SSE 2	1	7	—	○ 10.30a.
19	30°01	30°04	47°	45°	42°	53°	295	307	91	92	S 2	SSE 2	1	7	—	○ 10.30a.
20	30°01	30°04	47°	45°	42°	53°	295	307	91	92	S 2	SSE 2	1	7	—	○ 10.30a.
21	30°01	30°04	47°	45°	42°	53°	295	307	91	92	S 2	SSE 2	1	7	—	○ 10.30a.
22	30°01	30°04	47°	45°	42°	53°	295	307	91	92	S 2	SSE 2	1	7	—	○ 10.30a.
23	30°01	30°04	47°	45°	42°	53°	295	307	91	92	S 2	SSE 2	1	7	—	○ 10.30a.
24	30°01	30°04	47°	45°	42°	53°	295	307	91	92	S 2	SSE 2	1	7	—	○ 10.30a.
25	30°01	30°04	47°	45°	42°	53°	295	307	91	92	S 2	SSE 2	1	7	—	○ 10.30a.
26	30°01	30°04	47°	45°	42°	53°	295	307	91	92	S 2	SSE 2	1	7	—	○ 10.30a.
27	30°01	30°04	47°	45°	42°	53°	295	307	91	92	S 2	SSE 2	1	7	—	○ 10.30a.
28	30°01	30°04	47°	45°	42°	53°	295	307	91	92	S 2	SSE 2	1	7	—	○ 10.30a.
29	30°01	30°04	47°	45°	42°	53°	295	307	91	92	S 2	SSE 2	1	7	—	○ 10.30a.
Means	29°52	29°53	41°4	40°9	37°1	46°1	232	228	87°9	87°5	1°9	1°7	7°9	5°8	0°680	

## CHELTENHAM.

Height above Mean Sea Level, 184 feet. Long. 2° 3' W. Lat. 51° 54' N.

FEBRUARY 1884.

1	29°36	29°33	44°	45°	42°	49°	259	296	88	98	S 4	S 6	8	2	100	Dull, with showers all day.
2	29°36	29°33	44°	45°	42°	49°	259	296	88	98	S 4	S 6	8	2	100	Squally a. Day fine.
3	30°46	30°41	44°	45°	42°	49°	259	296	88	98	SW 1	SW 2	10	10	100	* a. Dull day.
4	30°46	30°41	44°	45°	42°	49°	259	296	88	98	SW 1	SW 2	10	10	100	Fine and bright.
5	30°46	30°41	44°	45°	42°	49°	259	296	88	98	SW 1	SW 2	10	10	100	Dull all day.
6	30°46	30°41	44°	45°	42°	49°	259	296	88	98	SW 1	SW 2	10	10	100	Dull all day.
7	30°10	30°07	38°	39°	34°	42°	211	228	92	90	SSW 1	E 1	10	10	100	
8	29°56	29°51	39°	41°	38°	41°	227	254	93	98	Calm	SSE 1	10	10	100	Squally a. and p.
9	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 5	9	10	100	* a. showers. Squally.
10	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	Dull, with showers a. Fine p.
11	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	* a. Squally p. Day fine.
12	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	Fine and bright a. 4p.-6p.
13	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	Brilliant day. Wind veered through N.
14	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	Gloomy a. Bright p. Squally op.
15	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	Dull and gloomy all day, with
16	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	Squally a. 10a.-1130a.
17	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	Squally a. and p.
18	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	Dull day.
19	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	Fine and bright a. Dull, with squally
20	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	Bright and windy a. Day fine. 2 p.
21	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	Fine day.
22	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	Fine till 1p., then showers.
23	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	
24	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	Very bright and beautiful day.
25	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	Very bright and beautiful day.
26	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	Dull all day.
27	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	Dull all day. Squally op.
28	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	a. Beautiful day.
29	29°56	29°51	39°	41°	38°	41°	227	254	93	98	SSW 2	SW 2	1	0	100	
Means	29°52	29°53	41°4	40°9	37°1	46°1	232	228	87°9	87°5	1°9	1°7	7°9	5°8	0°680	

## CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long. 4° 18' W. Lat. 51° 52' N.

FEBRUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	43°	43°	42°	47°	in.	in.	%	%	SE 5	E 1	10	10	ins.		
2	29°13	29°14	43°	43°	42°	47°	261	266	92	96	SE 5	E 1	10	10	4.10		
3	30°06	30°47	37°	28°	28°	45°	158	143	72	93	N 2	Calm 0	7	0	—		
4	30°50	43	31°	44°	26	46°	156	285	87	97	Calm 0	SW 1	10	10	0.20		
5	30°44	43	46°	45°	42°	50°	368	299	99	98	SW 1	SW 1	10	10	0.50		
6	30°39	31	45°	44°	43°	48°	297	257	97	88	SW 1	SW 2	10	10	0.30		
7	30°25	31	43°	40°	40°	48°	259	234	91	93	SW 1	SW 1	10	4	—		
8	30°09	30°04	39°	41°	37°	47°	225	237	95	92	Calm 0	SE 1	10	10	—		
9	29°50	29°58	41°	45°	39°	47°	243	280	93	88	SE 1	S 3	10	10	2.10		
10	29	23	48°	42°	40°	49°	336	206	93	78	S 4	SW 6	10	4	3.40	< at midnight.	
11	30°33	30	40°	30°	32°	49°	184	179	74	82	SW 7	SW 4	2	4	4.20	[Squally a. and during day.	
12	30°54	31	34°	43°	33°	46°	180	255	97	91	SW 3	SW 1	10	2	0.30	< n. Frequent showers.	
13	30°65	30	48°	40°	40°	49°	264	254	79	85	SW 5	SW 6	10	10	1.170	Squally all day.	
14	29°73	29°73	48°	48°	42°	52°	286	319	65	94	SW 5	S 4	10	10	7.40	Squally a. and p.	
15	30°18	30°13	47°	39°	38°	53°	301	222	92	92	S 1	Calm 0	9	0	—	Fine day.	
16	29°96	30°02	44°	39°	35°	46°	256	184	92	78	E 4	E 5	10	10	—	Dull.	
17	29°85	29°85	36°	34°	32°	45°	161	190	76	96	E 4	E 2	4	10	2.40	* op.	
18	29°85	33	36°	42°	34°	43°	204	251	94	92	E 2	E 2	10	10	3.30	Dull, with *.	
19	30°69	30	43°	43°	41°	44°	259	262	94	94	E 1	E 1	10	10	2.30		
20	30°61	30	45°	43°	42°	48°	290	288	96	94	E 1	E 2	10	7	3.30	< at night.	
21	30°62	30	45°	49°	42°	50°	259	294	85	82	S 4	SW 7	10	10	2.20	K at midnight.	
22	30°45	30	42°	44°	37°	50°	243	250	90	86	S 2	SW 4	10	5	3.99	K 2.30 p. Squally before 9 a. Frequent	
23	30°55	30	45°	44°	40°	50°	252	246	84	96	SW 3	W 1	5	4	0.80	[A.	
24	30°47	30	44°	44°	39°	46°	257	253	88	87	SW 2	SW 3	10	8	0.60		
25	30°65	30	45°	43°	42°	49°	254	248	84	87	W 4	NW 1	4	3	0.20		
26	30°98	30	44°	40°	38°	47°	233	234	81	95	NW 2	NW 1	7	10	—		
27	30°95	30	48°	41°	37°	48°	245	233	92	90	Calm 0	Calm 0	10	10	0.70		
28	30°87	30	41°	41°	38°	47°	230	221	89	84	E 1	E 4	10	10	3.50		
29	30°88	30	37°	36°	34°	42°	200	182	91	85	E 2	E 2	10	10	0.50	Dull and damp.	
30	30°92	30°96	37°	36°	32°	44°	155	163	69	77	E 2	Calm 0	2	0	—	Fine day.	
Means	29°830	29°812	42°	41°	37°	47°	241	239	88°	89°	2°	2°	8°	7°	5°	790	



## OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

## MARGATE.

Height above Mean Sea Level, 83 feet. Long. 1° 24' E. Lat. 51° 24' N.

FEBRUARY 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative 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.	48°	40°	40°	51°	ins.	ins.	87	81	SSW 3	S 4	10	6	ins.	Dull. U 7p.
2	29°50	29°49	48°	40°	40°	51°	29°50	29°49	87	81	SSW 3	S 4	10	6	ins.	Dull. U 7p.
3	29°47	29°46	44°	36°	36°	47°	29°47	29°46	84	78	NE 4	NE 2	10	0	ins.	U
4	29°44	29°43	44°	36°	36°	47°	29°44	29°43	84	78	NE 4	NE 2	10	0	ins.	U
5	29°45	29°44	44°	36°	36°	47°	29°45	29°44	84	78	NE 4	NE 2	10	0	ins.	U
6	29°46	29°45	44°	36°	36°	47°	29°46	29°45	84	78	NE 4	NE 2	10	0	ins.	U
7	29°47	29°46	44°	36°	36°	47°	29°47	29°46	84	78	NE 4	NE 2	10	0	ins.	U
8	29°48	29°47	44°	36°	36°	47°	29°48	29°47	84	78	NE 4	NE 2	10	0	ins.	U
9	29°49	29°48	44°	36°	36°	47°	29°49	29°48	84	78	NE 4	NE 2	10	0	ins.	U
10	29°50	29°49	44°	36°	36°	47°	29°50	29°49	84	78	NE 4	NE 2	10	0	ins.	U
11	29°51	29°50	44°	36°	36°	47°	29°51	29°50	84	78	NE 4	NE 2	10	0	ins.	U
12	29°52	29°51	44°	36°	36°	47°	29°52	29°51	84	78	NE 4	NE 2	10	0	ins.	U
13	29°53	29°52	44°	36°	36°	47°	29°53	29°52	84	78	NE 4	NE 2	10	0	ins.	U
14	29°54	29°53	44°	36°	36°	47°	29°54	29°53	84	78	NE 4	NE 2	10	0	ins.	U
15	29°55	29°54	44°	36°	36°	47°	29°55	29°54	84	78	NE 4	NE 2	10	0	ins.	U
16	29°56	29°55	44°	36°	36°	47°	29°56	29°55	84	78	NE 4	NE 2	10	0	ins.	U
17	29°57	29°56	44°	36°	36°	47°	29°57	29°56	84	78	NE 4	NE 2	10	0	ins.	U
18	29°58	29°57	44°	36°	36°	47°	29°58	29°57	84	78	NE 4	NE 2	10	0	ins.	U
19	29°59	29°58	44°	36°	36°	47°	29°59	29°58	84	78	NE 4	NE 2	10	0	ins.	U
20	29°00	29°59	44°	36°	36°	47°	29°00	29°59	84	78	NE 4	NE 2	10	0	ins.	U
21	29°01	29°00	44°	36°	36°	47°	29°01	29°00	84	78	NE 4	NE 2	10	0	ins.	U
22	29°02	29°01	44°	36°	36°	47°	29°02	29°01	84	78	NE 4	NE 2	10	0	ins.	U
23	29°03	29°02	44°	36°	36°	47°	29°03	29°02	84	78	NE 4	NE 2	10	0	ins.	U
24	29°04	29°03	44°	36°	36°	47°	29°04	29°03	84	78	NE 4	NE 2	10	0	ins.	U
25	29°05	29°04	44°	36°	36°	47°	29°05	29°04	84	78	NE 4	NE 2	10	0	ins.	U
26	29°06	29°05	44°	36°	36°	47°	29°06	29°05	84	78	NE 4	NE 2	10	0	ins.	U
27	29°07	29°06	44°	36°	36°	47°	29°07	29°06	84	78	NE 4	NE 2	10	0	ins.	U
28	29°08	29°07	44°	36°	36°	47°	29°08	29°07	84	78	NE 4	NE 2	10	0	ins.	U
29	29°09	29°08	44°	36°	36°	47°	29°09	29°08	84	78	NE 4	NE 2	10	0	ins.	U
Means	29°56	29°55	42°	41°	38°	47°	29°56	29°55	87°	86°	2°	2°	7°	5°	1°	360

Observer remarks: All fruit trees forward at end of month.

## SOUTHAMPTON.

Height above Mean Sea Level, 78 feet. Long. 1° 24' W. Lat. 50° 55' N.

FEBRUARY 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative 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	29°48	29°31	46°	45°	43°	51°	29°48	29°31	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ 11.30a. ☉ 0.30p.
2	29°45	29°34	46°	45°	43°	51°	29°45	29°34	81	81	SW 3	SW 6	1	10	ins.	Fine and dry. Cold wind.
3	29°43	29°33	46°	45°	43°	51°	29°43	29°33	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ a. Beautiful day.
4	29°40	29°30	46°	45°	43°	51°	29°40	29°30	81	81	SW 3	SW 6	1	10	ins.	Fine and dry from 9a.
5	29°38	29°28	46°	45°	43°	51°	29°38	29°28	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ a. Day fine and very pleasant.
6	29°36	29°26	46°	45°	43°	51°	29°36	29°26	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ a. [☉] on ground 9p.
7	29°34	29°24	46°	45°	43°	51°	29°34	29°24	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ till 7p.
8	29°32	29°22	46°	45°	43°	51°	29°32	29°22	81	81	SW 3	SW 6	1	10	ins.	Frequent showers of ☉ ☉ during [day]. Heavy storm with ☉ ☉ 0.15p.
9	29°30	29°20	46°	45°	43°	51°	29°30	29°20	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
10	29°28	29°18	46°	45°	43°	51°	29°28	29°18	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
11	29°26	29°16	46°	45°	43°	51°	29°26	29°16	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
12	29°24	29°14	46°	45°	43°	51°	29°24	29°14	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
13	29°22	29°12	46°	45°	43°	51°	29°22	29°12	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
14	29°20	29°10	46°	45°	43°	51°	29°20	29°10	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
15	29°18	29°08	46°	45°	43°	51°	29°18	29°08	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
16	29°16	29°06	46°	45°	43°	51°	29°16	29°06	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
17	29°14	29°04	46°	45°	43°	51°	29°14	29°04	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
18	29°12	29°02	46°	45°	43°	51°	29°12	29°02	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
19	29°10	29°00	46°	45°	43°	51°	29°10	29°00	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
20	29°08	28°58	46°	45°	43°	51°	29°08	28°58	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
21	29°06	28°56	46°	45°	43°	51°	29°06	28°56	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
22	29°04	28°54	46°	45°	43°	51°	29°04	28°54	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
23	29°02	28°52	46°	45°	43°	51°	29°02	28°52	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
24	29°00	28°50	46°	45°	43°	51°	29°00	28°50	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
25	28°58	28°48	46°	45°	43°	51°	28°58	28°48	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
26	28°56	28°46	46°	45°	43°	51°	28°56	28°46	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
27	28°54	28°44	46°	45°	43°	51°	28°54	28°44	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
28	28°52	28°42	46°	45°	43°	51°	28°52	28°42	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
29	28°50	28°40	46°	45°	43°	51°	28°50	28°40	81	81	SW 3	SW 6	1	10	ins.	☉ ☉ ☉ till 7p.
Means	29°21	29°19	42°	42°	39°	48°	29°21	29°19	82°	82°	2°	2°	7°	5°	1°	505

FEBRUARY 1884.

## ST. LEONARDS.

Height above Mean Sea Level, 116 feet. Long. 0° 33' E. Lat. 50° 51' N.

FEBRUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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°	40°	40°	49°	ins.	ins.	88	88	SW 2	SSW 6	9	1	ins.	Squally p. (gale) after 10p.
2	29°53	29°47	46°	40°	40°	49°	29°53	29°47	88	88	SW 2	SSW 6	9	1	ins.	Squally p. (gale) after 10p.
3	29°53	29°46	43°	36°	36°	47°	29°53	29°46	88	88	NNE 4	N 3	8	0	003	—
4	29°50	29°49	33°	41°	31°	41°	29°50	29°49	88	88	NNW 2	WNW 2	0	9	—	—
5	29°49	29°51	44°	45°	40°	47°	29°49	29°51	88	88	W 2	WNW 2	9	9	—	Overcast all day.
6	29°46	29°46	44°	44°	44°	47°	29°46	29°46	88	88	WSW 1	SW 1	8	10	027	Overcast all day.
7	29°31	29°26	42°	41°	41°	46°	29°31	29°26	88	88	SW 1	SSE 2	10	7	047	Overcast day.
8	29°16	29°07	41°	42°	37°	46°	29°16	29°07	88	88	SE 1	NE 1	10	10	—	Overcast, with and frequent at night.
9	29°09	29°03	43°	44°	41°	46°	29°09	29°03	88	88	ESE 1	SSE 1	10	10	063	Overcast, with and frequent at night.
10	29°08	29°03	49°	46°	45°	50°	29°08	29°03	88	88	SSW 3	SSW 6	7	8	150	Squally all day.
11	29°01	29°01	42°	41°	41°	49°	29°01	29°01	88	88	SW 2	SW 4	9	3	116	Overcast, with in afternoon.
12	29°05	29°09	46°	46°	43°	48°	29°05	29°09	88	88	SW 5	WSW 3	4	7	280	Very fine day.
13	29°01	29°03	47°	48°	46°	52°	29°01	29°03	88	88	SSW 5	SE 5	1	0	—	Very fine day.
14	29°16	29°14	47°	47°	47°	51°	29°16	29°14	88	88	SSE 4	SE 3	1	10	051	Fine day.
15	29°09	29°16	41°	39°	39°	48°	29°09	29°16	88	88	Calm 0	N 1	10	10	030	early a.
16	29°11	29°11	37°	39°	36°	41°	29°11	29°11	88	88	ESE 4	ESE 5	3	0	—	all day.
17	29°07	29°02	38°	43°	38°	44°	29°07	29°02	88	88	ESE 5	ESE 5	1	3	—	all day.
18	29°09	29°08	39°	40°	37°	44°	29°09	29°08	88	88	ESE 5	E 5	10	0	—	Day very fine.
19	29°08	29°08	45°	47°	40°	48°	29°08	29°08	88	88	ESE 4	E 4	0	10	195	Overcast, with occasional
20	29°02	29°02	46°	47°	45°	49°	29°02	29°02	88	88	SSE 4	SSW 3	10	8	066	Very fine day.
21	29°08	29°05	45°	46°	44°	48°	29°08	29°05	88	88	SW 3	SSW 3	0	0	136	Very fine day.
22	29°04	29°04	42°	42°	42°	48°	29°04	29°04	88	88	S 5	SSW 3	10	8	056	—
23	29°01	29°01	43°	44°	39°	48°	29°01	29°01	88	88	SSW 3	WNW 2	3	10	241	—
24	29°09	29°04	44°	41°	41°	50°	29°09	29°04	88	88	WSW 2	W 5	2	2	136	Frequent Squally gp.
25	29°05	29°05	40°	40°	35°	47°	29°05	29°05	88	88	W 3	NW 2	2	0	—	gp.
26	29°05	29°09	38°	39°	37°	47°	29°05	29°09	88	88	NW 3	NW 2	0	0	026	—
27	29°03	29°01	42°	41°	37°	45°	29°03	29°01	88	88	WNW 2	NE 1	9	8	—	—
28	29°07	29°03	38°	36°	36°	42°	29°07	29°03	88	88	ESE 3	SE 2	10	6	—	—
29	29°03	29°08	36°	34°	33°	44°	29°03	29°08	88	88	ESE 3	E 4	2	10	—	—
Means	29°05	29°08	42°	43°	40°	47°	29°05	29°08	88°	88°	2°	3°	5°	5°	1°	733



## BABBACOMBE.

Height above Mean Sea Level, 293 feet. Long. 3° 31' W. Lat. 50° 29' N.

FEBRUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative 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.		
1	ins.	ins.	41°	43°	40°	48°	in.	in.	82	88	SW 6	SW 4	10	1	ins. 4.50a. 7.45a. 8.45a. 9a. Squally (gale) a. (gale) p.
2	29°35	29°22	41°	43°	40°	48°	in.	in.	82	88	NNE 6	N 4	10	1	—
3	29°36	30°40	39°	35°	35°	44°	1°10	1°10	82	79	SW 2	SW 3	2	9	—
4	30°56	32°18	43°	43°	43°	45°	1°14	1°14	80	96	WSW 3	WSW 2	9	10	—
5	31°	31°	45°	45°	40°	48°	1°21	1°21	91	87	WSW 3	SSW 1	2	10	—
6	31°	31°	45°	45°	40°	48°	1°21	1°21	91	87	WSW 3	SSW 1	2	10	—
7	30°07	30°06	45°	44°	36°	45°	1°28	1°28	93	86	E 2	Calm 0	10	10	—
8	29°55	29°75	43°	45°	42°	50°	1°25	1°25	88	95	SSE 1	S 2	10	10	—
9	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
10	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
11	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
12	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
13	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
14	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
15	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
16	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
17	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
18	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
19	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
20	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
21	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
22	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
23	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
24	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
25	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
26	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
27	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
28	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
29	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
Means	29°887	29°883	43°4	43°4	40°0	47°8	1°240	1°250	87°8	88°3	3°7	3°4	7°9	7°0	5°100

## ST. AUBIN'S, JERSEY.

Height above Mean Sea Level, 139 feet. Long. 2° 10' W. Lat. 49° 11' N.

FEBRUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative 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.		
1	29°65	29°45	46°	47°	45°	50°	1°238	1°275	75	86	SW 7	SW 8	3	6	ins. (force 9 in squalls) a. and p. Day [fair.
2	29°76	30°33	47°	42°	40°	48°	1°208	1°177	93	67	NW 1	NE 3	9	9	—
3	30°58	30°33	47°	42°	40°	48°	1°208	1°177	93	67	NW 1	NE 3	9	9	—
4	31°	31°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
5	31°	31°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
6	31°	31°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
7	30°07	30°06	45°	44°	36°	45°	1°28	1°28	93	86	E 2	Calm 0	10	10	—
8	29°55	29°75	43°	45°	42°	50°	1°25	1°25	88	95	SSE 1	S 2	10	10	—
9	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
10	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
11	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
12	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
13	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
14	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
15	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
16	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
17	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
18	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
19	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
20	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
21	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
22	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
23	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
24	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
25	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
26	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
27	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
28	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
29	30°	30°	45°	45°	45°	51°	1°30	1°30	97	82	S 8	S 8	10	3	—
Means	29°974	29°969	45°8	45°4	41°8	49°2	1°262	1°261	85°0	85°6	2°6	2°7	6°6	6°6	2°482

Earth temperature: Mean of 9 readings (every third day) at 1 foot, 46°5'; 3 feet, 45°5'; 6 feet, 49°4'.

## LONDONDERRY.

Height above Mean Sea Level, 93 feet. Long. 7° 19' W. Lat. 55° 0' N.

FEBRUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	41°	37°	34°	47°	in.	in.	%	%	NE	2	NW	5	8	10	ins. 250 * all day. 6p.—8p. * op.
2	30°31	30°39	35°7	36°9	32°0	43°1	1°47	1°04	70	75	NW	2	SW	2	8	10	* before 9a. Fine all day. * (sleet) n
3	25	20	45°2	46°7	35°0	49°1	1°25	1°23	98	93	W	2	S	3	10	10	
4	24	19	48°7	49°7	45°6	52°4	1°24	1°16	94	89	SE	2	SW	5	10	10	
5	17	30°10	47°7	47°2	46°0	54°3	1°29	1°28	91	93	SSW	3	SW	4	10	10	
6	02	29°03	45°4	43°7	43°0	50°8	1°21	1°26	93	96	SW	2	Calm	0	10	10	Fine till 7p., then ☉.
7	30°14	30°10	36°7	32°7	31°6	46°8	1°12	1°05	98	89	SW	1	SW	1	3	3	Fine and clear.
8	29°76	29°33	40°7	47°7	31°2	48°4	1°21	1°27	91	87	S	2	S	3	10	10	Fine all day.
9	28°89	28°77	46°8	36°6	34°6	52°1	1°27	1°13	87	84	SSE	4	SW	5	10	10	Fair a. Squally ☉ p.
10	28°89	29°10	36°7	35°7	32°1	52°9	1°13	1°00	84	76	S	5	SW	5	3	5	△ before 9a. Fine till 2p. Squally [☉ * ☉ showers p. * a. Fair during day. ☉ 7p.
11	29°21	24	34°7	38°2	32°0	44°0	1°08	1°19	83	85	S	3	S	2	9	9	☉ 7p.
12	19	33	48°4	47°7	31°2	52°8	1°15	1°05	93	85	S	2	S	4	10	10	☉ 330
13	29°35	29°81	48°7	39°7	37°3	51°7	1°27	1°06	80	84	S	3	S	1	5	10	240
14	30°03	30°14	38°7	41°7	35°1	52°0	1°13	1°23	91	88	SE	1	SE	2	1	0	Fine and clear all day.
15	04	30°05	42°6	40°5	37°8	44°4	1°28	1°00	94	80	SE	2	SE	4	10	5	☉ (mist).
16	30°02	29°00	37°8	37°5	34°8	41°2	1°13	1°26	76	78	SE	5	SE	4	9	10	☉ (mist). Overcast and cold.
17	29°86	28	39°7	38°4	35°0	42°7	1°20	1°24	77	88	SE	2	S	1	8	5	☉ (mist).
18	64	58	42°7	43°7	37°1	46°2	1°27	1°26	93	89	SSE	3	SW	3	10	10	☉ (mist) 9a.
19	51	46	42°7	44°9	41°0	48°5	1°27	1°24	93	92	SE	1	SSE	1	10	3	☉ nearly all day.
20	28	04	42°7	37°7	36°2	48°7	1°22	1°20	85	98	SSE	4	N	1	10	10	Fine till noon. ☉ ☉ showers p.
21	31	31	37°2	38°2	34°5	49°0	1°28	1°19	80	84	S	3	S	1	6	1	780
22	37	38	35°7	41°2	30°2	49°0	1°14	1°15	93	84	WSW	1	SW	3	1	0	Fine and clear.
23	21	28	40°2	40°7	37°0	45°7	1°22	1°23	89	93	SW	2	SW	1	8	10	Fine a. ☉ Noon—3p.
24	65	85	39°0	40°7	37°4	50°0	1°26	1°37	95	93	SW	2	SSW	1	3	5	150
25	94	97	42°0	42°7	38°3	48°3	1°24	1°25	91	75	W	1	N	1	5	9	000
26	99	96	34°5	37°7	30°0	47°5	1°18	1°21	94	84	S	1	Calm	0	2	4	Fine and clear.
27	90	87	41°4	41°0	36°1	46°1	1°29	1°13	88	83	SE	2	SW	3	10	10	☉ 7p.
28	90	87	39°2	37°7	35°5	43°3	1°21	1°19	84	85	SE	3	SE	3	10	10	☉ till 8p.
29	29°84	29°87	35°7	42°0	35°0	43°0	1°20	1°24	98	94	SE	2	Calm	0	10	10	
Menns	29°695	29°714	41°0	40°9	35°8	48°0	1°23	1°23	88°8	86°1	2°3		2°4	7°6	7°6	3°820	



## MARKREE CASTLE, SLIGO.

Height above Mean Sea Level, 131 feet. Long. 8° 27' W. Lat. 54° 11' N.

FEBRUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	41.1	37.1	36.7	44.2	in.	in.	70	79	NNE 2	NNW 7	9	10	ins.	
2	30.33	30.33	35.9	37.0	32.7	41.5	1.48	1.74	70	79	NNE 1	SSW 2	9	10	0.00	
3	32	26	47.2	47.0	36.7	49.3	2.64	2.96	82	92	WNW 3	SSW 3	10	10	0.10	
4	29	25	49.3	48.4	46.7	51.2	3.28	3.15	94	93	WSW 1	SSW 1	10	10	—	
5	20	30.13	46.7	47.0	45.9	50.2	2.93	2.93	92	92	SSW 1	SW 2	10	10	0.10	
6	02	29.95	44.4	42.7	42.5	49.9	2.48	2.61	85	95	SW 2	W 1	10	10	1.50	
7	30.14	30.06	39.0	30.6	30.1	44.4	2.22	1.64	94	96	Calm	Calm	3	10	0.10	
8	29.72	29.23	42.1	47.7	30.5	48.2	2.53	2.89	94	88	S 1	S 5	10	10	0.50	
9	28.82	28.72	47.7	35.3	34.2	50.8	2.99	1.76	91	85	SSW 6	SSW 6	9	6	1.00	
10	28.94	29.19	36.2	33.3	32.5	41.0	1.61	1.72	75	90	SSW 3	SW 2	5	10	0.40	* gp.
11	29.21	37	33.1	39.9	32.4	43.9	1.87	2.08	99	85	SW 1	S 3	10	10	1.20	* ga.
12	15	32	47.1	44.8	37.9	52.4	3.12	2.43	96	82	S 2	SW 3	10	9	1.30	K <sup>2</sup> ● ▲ 2.33p.—2.48p.
13	29.33	29.72	43.9	40.6	36.5	46.4	2.56	2.05	89	82	SSW 4	E 2	10	10	0.10	
14	30.03	30.07	37.3	40.0	33.1	49.3	2.07	2.18	94	89	SE 1	SE 2	5	6	—	
15	29.94	29.90	42.0	42.0	39.7	46.6	2.33	2.27	88	86	SE 4	SE 6	7	10	—	
16	02	81	37.6	35.8	33.7	42.0	1.72	1.97	77	94	SE 6	SE 5	10	10	0.70	
17	79	71	39.7	38.6	35.3	45.4	2.20	2.21	90	95	SE 3	SE 2	10	6	—	
18	55	48	44.5	46.0	37.6	47.7	2.77	2.87	94	93	SE 2	SE 4	10	10	0.40	
19	44	29.39	47.2	43.3	42.6	51.6	3.05	2.54	95	91	SSE 2	SSE 2	10	10	1.30	K ● ▲ 4p.
20	22	28.88	41.3	35.3	34.1	44.2	2.54	2.07	91	100	S 3	Calm	9	10	1.170	● * K in the night.
21	28	29.23	35.3	35.2	32.8	43.1	2.01	1.90	97	92	SSE 2	SSW 2	10	6	0.10	
22	38	38	36.7	35.3	32.7	48.2	2.04	1.99	94	97	Calm	SW 0.5	10	4	0.70	
23	20	34	39.5	41.9	34.1	46.5	2.24	2.46	93	93	SSW 2	WNW 1	10	10	1.60	
24	69	92	44.9	41.0	40.5	47.6	2.61	2.23	88	87	NNW 1	WNW 1	10	7	1.50	
25	98	97	43.2	37.0	36.6	46.2	2.43	2.04	87	93	WNW 1	Calm	10	10	0.20	
26	95	87	37.9	40.0	31.7	44.5	2.13	2.11	94	86	Calm	SE 2	9	10	0.80	
27	82	80	42.3	41.4	39.4	45.6	2.63	2.51	98	96	SSE 3	ESE 3	10	10	0.10	
28	81	83	39.8	37.6	37.4	42.1	2.32	2.17	96	97	SSE 2	SE 1	10	10	1.80	
29	29.81	29.86	39.9	43.1	35.9	46.0	2.30	2.48	98	89	SSE 2	SE 2	10	10	0.10	
Means	29.671	29.682	41.5	40.2	36.3	46.6	2.39	2.27	90.5	90.4	2.1	2.4	9.1	9.1	2.830	

## DUBLIN.

Height above Mean Sea Level, 51 feet. Long. 6° 15' W. Lat. 53° 20' N.

FEBRUARY 1884.

1	29.10	29.55	44.9	42.8	42.2	48.3	2.70	2.11	92	77	ESE 4	N by E 7	10	10	1.77	Day dull and damp. Squally p.
2	30.24	30.42	34.9	33.0	31.3	43.2	1.51	1.38	74	73	N 3	WNW 2	6	4	—	(gale) a. * showers a. Day very bright. U p.
3	35	32	44.2	47.0	32.2	48.7	2.61	2.64	99	83	W 4	W by S 5	6	9	—	Cloudy day. Squally p.
4	33	32	49.1	50.3	46.5	51.8	3.07	3.11	83	85	WSW 3	SW 4	10	10	—	Overcast and very mild.
5	29	22	47.7	47.8	46.9	51.2	2.68	2.67	82	81	WSW 3	SW 4	7	8	—	Very fine.
6	14	03	46.8	46.3	44.7	49.5	2.22	2.45	70	78	SW 3	SW 4	9	7	0.40	Very fine from 1.30p. U <sup>0</sup> 8p.
7	30.13	30.07	41.9	42.9	41.1	47.0	2.30	2.20	88	80	N 2	ESE 2	10	6	—	[and mild p.
8	29.83	29.46	43.4	50.3	39.0	50.6	2.61	2.85	93	79	SSE 2	S 4	10	10	0.42	Orange colour round sun a. Overcast
9	04	28.99	50.9	40.1	39.7	54.6	2.91	1.78	79	71	SW 6	WSW 5	9	2	2.23	Squally a. and p. (gale p.)
10	10	29.32	38.2	35.2	34.7	42.3	1.73	1.50	75	73	WSW 6	WSW 6	5	0	0.10	[Bar. 28.91 2p.
11	35	36	37.1	41.2	34.1	43.9	1.66	1.94	76	75	WSW 5	S 3	2	7	1.07	Squally a. and p. Fine afterglow.
12	37	48	49.5	45.2	40.9	52.1	2.85	2.53	81	85	SbyW 7	SSW 3	10	10	1.71	Squally a. and p. [from 1p. U.
13	29.48	29.74	51.1	42.1	41.8	51.5	2.78	2.39	74	90	SbyW 5	SSE 1	9	10	0.97	Squally a. 2p.
14	30.07	30.13	40.9	44.1	35.9	49.5	2.31	2.04	91	91	SSW 2	SE 3	0	0	—	Sharp morning. Brilliant day.
15	29.98	30.00	45.1	42.1	41.2	45.7	2.76	1.94	92	73	ESE 3	ESE 6	10	10	—	a. Damp and gloomy. Squally
16	97	29.88	39.2	37.9	37.0	42.7	1.67	2.08	71	92	SE 6	SE 7	9	10	1.385	Squally all day. p. [f. p.
17	84	76	41.2	41.0	36.2	42.1	2.25	2.31	88	90	SE by S 3	SSE 2	10	10	0.53	Dull and raw all day.
18	64	61	44.3	45.1	40.4	46.6	2.66	2.78	92	93	SE 2	SE 3	10	10	2.31	Gloomy day. Squally late p.
19	54	50	47.4	46.7	44.2	49.3	3.06	2.76	94	87	SSE 3	S by E 2	10	8	0.96	Gloomy a. Fine and bright from 3p.
20	39	09	45.0	49.0	42.0	51.1	2.60	2.92	87	85	S 6	S 8	10	10	1.700	Squally a. and p. Partial O. [Bar. 28.80 Midt.
21	38	35	40.0	39.3	37.3	49.4	1.98	2.12	80	89	SSW 4	SSE 2	8	4	—	2 (gale) a. Bright at Noon. < p.
22	43	43	40.1	43.0	38.9	47.2	2.12	2.18	85	79	WSW 3	S 2	0	10	0.32	Bar. 29.22 4p. Squally p.
23	33	32	41.8	43.2	37.8	47.6	2.16	2.34	83	84	SW 3	W by N 5	8	16	0.74	a.
24	67	89	42.1	41.2	40.0	48.3	2.40	2.19	90	85	WNW 3	WNW 4	3	2	0.10	O a. and p.
25	97	96	40.2	41.2	37.6	46.9	2.11	2.19	85	85	W 3	W 2	9	2	—	Very fine, though cloudy.
26	96	94	39.4	43.0	36.1	45.6	2.26	2.16	94	79	ESE 1	SE 2	8	8	0.30	Gloomy day. Squally p.
27	89	86	43.1	42.1	41.1	43.4	2.58	2.51	93	93	SE 3	ESE 5	10	10	2.00	
28	87	83	40.8	39.0	38.0	42.6	2.33	2.15	92	91	SE 4	SE 3	10	10	1.80	
29	29.87	29.93	38.9	40.1	37.1	43.8	2.04	2.25	87	91	S by E 2	SE 2	10	10	0.60	
Means	29.743	29.759	43.1	42.8	39.2	47.5	2.31	2.18	85.3	83.3	3.6	3.7	7.9	7.3	3.518	

## PARSONSTOWN (BIRR CASTLE).

Height above Mean Sea Level, 182 feet. Long. 7° 55' W. Lat. 53° 6' N.

FEBRUARY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	42°0	39°2	38°4	46°0	in.	in.	94	84	NNE 1	NNE 5	10	10	ins.	☼ <sup>0</sup> (mist) a.
2	29°12	29°66	32°5	31°5	29°2	39°4	1.28	1.35	69	76	NNW 1	Calm	0	10	0°24	☼ <sup>0</sup> (mist) gp.
3	40	38	45°1	45°5	30°9	48°7	2.74	2.82	91	93	SW 1	WSW 1°5	10	10	0°16	☼ <sup>0</sup> (mist) ga.
4	36	34	48°0	47°9	44°7	50°7	3.17	3.04	95	92	WSW 2	SW 1	10	10	0°32	☼ <sup>0</sup> (mist) a. and p.
5	30	23	45°5	46°4	43°9	51°0	2.66	2.67	88	85	SSW 1	SSW 0°5	10	10	—	
6	11	02	44°6	44°3	43°3	49°0	2.34	2.58	80	88	SSW 0°5	SSW 1°5	8	9	0°08	☼ <sup>0</sup> (mist) a. and gp.
7	30°13	30°06	40°1	40°9	38°9	46°4	2.29	2.22	93	87	N 0°5	Calm	0	9	10	—
8	29°76	29°35	43°8	47°8	39°8	48°1	2.57	2.93	90	88	SSE 2	S 3	8	10	1°26	☼ <sup>0</sup> (mist) a. and gp.
9	28°96	28°91	49°0	36°0	34°7	53°4	3.10	1.67	87	78	S 2	SSW 5	8	0	4°93	☼ <sup>0</sup> (mist) a. Squally a. and p.
10	29°11	29°32	33°0	32°3	31°2	38°6	1.78	1.66	95	91	SW 1	SSW 4	10	2	3°20	☼ <sup>0</sup> a. Squally p.
11	34	48	34°5	40°7	31°0	43°4	1.80	2.17	90	85	SSW 2	SSE 3	10	10	3°33	☼ <sup>0</sup> a.
12	24	40	49°6	47°4	39°5	51°8	2.98	2.53	84	78	SSW 3	SSW 2°5	10	10	1°46	☼ <sup>0</sup> (mist) ga. Squally a.
13	29°44	29°70	45°7	43°9	40°2	48°5	2.56	2.12	84	74	SSW 1	SE 1	10	10	0°14	☼ <sup>0</sup> (mist) ga. and gp.
14	30°05	30°06	40°5	42°3	35°1	50°4	2.15	2.32	86	87	SSE 0°5	SE 3	4	9	—	☼ <sup>0</sup> (mist) gp.
15	29°90	29°90	43°5	43°5	40°0	48°0	2.40	2.12	84	75	SE 1°5	SE 5	10	10	—	Squally p.
16	90	76	38°5	35°7	35°2	43°9	1.77	1.88	76	89	SSE 2	SE 3°5	10	10	0°80	Squally a.
17	78	72	41°8	40°9	35°0	46°4	2.25	2.24	85	88	SE 1°5	ESE 2	8	10	0°16	
18	53	49	40°7	47°7	40°0	50°0	2.89	2.97	91	85	ESE 2	S 3	10	10	0°84	☼ <sup>0</sup> (mist) a. and gp. Squally p.
19	45	29°43	48°3	43°5	42°0	53°4	3.01	2.49	90	85	S 0°5	S 2°5	10	8	1°33	
20	32	28°89	42°0	46°9	38°4	48°1	2.35	2.78	89	88	S 1	SSE 6	5	10	5°63	Squally p.
21	34	29°29	38°5	34°6	33°4	48°2	1.94	1.79	84	90	S 2	SE 1°5	10	2	1°22	Squally a. ☼ <sup>0</sup> (mist) gp.
22	42	43	39°5	36°5	34°0	47°5	2.18	1.97	90	92	SSW 0°5	Calm	0	3	1°59	☼ <sup>0</sup> (mist) gp.
23	31	41	40°9	41°8	32°6	46°5	2.27	2.25	89	85	SSW 2	SW 2°5	10	7	2°08	▲ p.
24	29°72	29°7	43°5	39°8	39°4	49°2	2.46	2.11	86	87	W 1	SW 2	10	0	—	
25	30°02	29°8	42°9	35°5	35°0	45°8	2.07	1.93	76	93	W 0°5	Calm	0	10	4	—
26	29°52	29°87	40°5	41°6	33°3	46°0	2.22	2.26	89	86	SE 0°5	S 3	10	10	2°04	
27	80	78	46°0	44°2	40°9	48°3	2.76	2.61	90	90	SW 1°5	E 3	10	10	—	
28	79	80	43°0	39°5	39°0	44°9	2.38	2.14	86	89	SE 2	SSE 2	10	10	0°32	☼ <sup>0</sup> (mist) a. and p.
29	29°84	29°88	43°0	42°0	39°0	46°0	2.38	2.29	86	86	SSE 1	SE 2	6	10	—	☼ <sup>0</sup> (mist) p.
Means	29°709	29°723	42°5	41°4	37°2	47°5	2.39	2.26	86°8	86°0	1°3	2°4	8°6	8°0	3°121	Overcast and gloomy gp.



## DUNROBIN CASTLE.

Height above Mean Sea Level, 12 feet. Long 3° 59' W. Lat. 57° 57' N.

MARCH 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour		Relative 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.	30.3	30.4	32.5	39.5	1.77	2.12	83	92	E	SE	—	—	ins.	Dull, with cold wind.
2	30.08	29.94	30.4	30.9	35.6	44.5	2.11	1.89	84	81	SE	SE	—	—	—	Clear and cold.
3	29.72	29.49	30.4	30.9	36.6	40.5	1.76	2.04	76	91	SE	SW	—	—	1.70	Dull, with ☉. Cold wind.
4	73	74	35.3	36.3	30.5	39.5	1.87	1.07	91	92	W	W	—	—	—	Dull.
5	83	99	40.4	36.3	31.0	48.5	2.11	2.05	84	96	W	W	—	—	0.60	Fine and mild.
6	98	90	41.4	43.4	32.5	50.5	2.42	2.51	83	89	E	SE	—	—	—	Fine and mild.
7	79	79	44.4	43.2	42.7	49.0	2.50	2.43	86	87	N	NE	—	—	0.70	Fine and mild.
8	69	60	39.4	40.4	37.6	46.5	2.31	2.11	96	81	SE	SE	—	—	—	Dull.
9	34	22	38.4	39.9	38.1	45.5	2.12	2.16	92	88	SE	E	—	—	4.30	Cold and clear. Fresh wind.
10	09	23	35.3	31.3	29.5	42.3	2.07	1.64	100	93	SE	E	—	—	1.20	* (sleet) and * showers.
11	34	43	43.9	42.4	28.5	45.5	2.16	2.31	75	86	E	E	—	—	—	Fine and clear.
12	51	58	42.4	46.4	38.6	49.5	2.31	2.94	86	94	E	E	—	—	—	Fine.
13	62	51	49.5	47.2	44.7	54.3	2.92	2.52	83	82	E	SE	—	—	—	Fine, but cold.
14	60	70	51.5	49.5	43.7	51.5	2.83	2.61	75	74	S	SW	—	—	0.80	Mild.
15	78	94	48.5	51.0	42.7	51.3	2.70	3.56	80	95	S	S	—	—	—	Fine.
16	93	90	53.5	48.5	46.7	57.9	3.05	2.92	75	87	SE	E	—	—	—	Fine and mild.
17	84	72	47.5	42.4	40.2	52.3	2.59	2.41	80	89	E	E	—	—	—	Mild and overcast.
18	56	42	47.5	42.4	40.2	52.3	2.59	2.41	80	89	S	SW	—	—	0.70	Fine.
19	66	21	47.5	45.4	41.7	52.5	2.20	2.60	68	87	SW	S	—	—	0.80	Fine.
20	03	55	45.4	37.4	37.4	46.5	2.41	2.13	85	95	W	NW	—	—	0.30	* showers.
21	84	93	37.4	37.4	34.5	46.5	2.04	1.85	91	83	W	W	—	—	—	—
22	29.82	29.93	39.4	37.4	33.3	47.0	2.03	2.13	84	95	SE	SW	—	—	1.40	Fine and mild.
23	30.04	30.09	41.4	42.4	32.5	48.5	2.19	2.52	85	93	W	W	—	—	0.20	Fine.
24	11	29.99	45.9	42.4	33.5	50.5	2.56	2.52	77	93	SE	S	—	—	—	Fine.
25	10	30.19	48.5	45.4	38.6	54.3	2.70	2.83	80	94	S	SW	—	—	—	Fine. Cold wind.
26	25	32	42.4	40.2	33.5	47.3	2.31	1.80	86	72	E	E	—	—	—	Fine. Cold wind.
27	31	23	41.4	37.9	37.9	45.3	2.01	2.17	78	96	E	E	—	—	—	Fine. Cold wind.
28	24	30.20	40.4	40.4	37.9	45.5	1.75	2.11	70	84	E	SE	—	—	—	Fine.
29	30.11	29.97	42.4	35.8	35.8	47.0	2.21	1.93	82	92	SE	SE	—	—	—	Fine.
30	29.77	29.68	42.4	41.4	30.3	49.0	2.01	2.01	74	78	E	SE	—	—	—	Fine.
31	29.52	29.43	42.4	38.4	36.6	42.5	1.93	2.12	71	92	E	E	—	—	1.70	—
Means	29.782	29.768	42.9	41.2	36.6	47.8	2.27	2.30	82.3	88.5	—	—	—	—	1.800	—

## BRAEMAR.

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

MARCH 1884.

1	29.96	30.03	28.7	32.7	26.8	33.0	1.43	1.76	91	94	SE	SE	2	10	10	3.50	* all day.
2	30.10	30.02	33.5	33.7	31.6	36.6	1.76	1.51	92	78	S	SE	2	8	7	—	Fair and clear.
3	29.72	29.45	32.2	34.1	28.4	34.6	1.72	1.79	94	90	SE	SW	1	7	7	3.00	* all day.
4	75	29.65	29.4	34.9	28.6	37.3	1.44	1.67	89	82	S	SW	1	5	7	—	Fair and clear.
5	80	30.01	37.3	36.1	34.1	42.5	1.52	1.66	68	77	NW	SW	1	2	3	—	Fair and clear.
6	97	29.77	40.3	40.6	34.6	47.3	2.00	2.27	80	90	SW	SW	4	7	9	0.60	Fair and clear.
7	70	76	39.6	39.3	39.3	42.5	2.23	2.32	92	97	SW	SW	1	10	10	4.50	Dull, with ☉.
8	65	42	34.7	34.5	33.7	40.5	1.96	1.84	97	92	SW	SW	1	10	7	2.10	Dull, with * and * (sleet).
9	35	27	33.7	36.6	31.6	38.6	1.54	1.71	80	79	SW	SE	4	10	9	4.00	* showers.
10	06	24	31.7	23.7	23.7	37.8	1.80	1.27	100	100	SW	SW	2	10	8	1.160	* (hurricane) 1a.—4a.
11	38	44	27.9	35.1	23.7	37.4	1.37	1.58	90	77	SW	SW	2	2	7	1.90	* (sleet) and *.
12	50	55	30.0	38.1	35.1	38.8	1.75	1.96	82	85	S	SW	2	7	9	0.40	Fair and clear.
13	66	52	38.6	43.6	36.6	45.2	2.14	1.97	92	69	SW	SW	0.5	9	10	6.00	—
14	66	70	44.2	46.3	43.6	48.3	2.53	2.51	87	81	SW	SW	6	10	10	2.40	Dull, with ☉.
15	80	92	45.6	45.6	43.5	49.3	2.65	2.54	87	83	SW	SW	2	8	8	0.30	—
16	96	89	38.6	48.2	35.7	58.9	2.18	2.95	93	89	SW	SW	1	7	9	—	—
17	84	81	48.5	44.4	34.7	56.3	2.77	2.54	82	87	SW	SW	0.5	4	10	—	Fair and clear.
18	62	57	42.6	36.4	36.4	49.8	2.29	1.96	84	91	SW	SW	4	8	9	5.70	Stormy, with ☉ showers.
19	72	35	41.0	42.0	36.1	44.2	1.90	2.35	74	89	SW	SW	2	8	4	7.20	Fine.
20	02	49	39.6	35.7	35.4	43.7	2.19	1.55	90	74	SW	NW	2	10	9	2.00	* (hurricane) 3a.
21	91	93	35.4	35.4	33.6	41.2	1.45	1.50	69	72	NW	NW	2	5	5	0.40	* showers.
22	29.85	29.87	35.9	37.4	31.4	43.5	1.83	1.60	87	71	SE	NW	4	7	3	0.20	—
23	30.01	30.10	37.3	38.6	34.7	42.7	1.65	1.99	74	85	NW	NW	1	7	3	—	Fine, but cold.
24	21	04	33.7	39.8	28.4	47.5	1.74	1.88	89	77	NW	NW	1	4	3	—	Fine, but cold.
25	07	16	40.6	39.7	38.3	45.2	2.12	2.03	84	83	SW	SW	1	8	9	—	Fine, but cold.
26	26	29	34.0	32.9	28.7	41.5	1.51	1.56	77	83	NW	NE	1	7	9	—	Fine, but with cold wind.
27	28	21	33.8	33.0	31.6	38.8	1.58	1.47	81	78	E	E	1	9	8	—	Dull and cold.
28	15	30.13	34.4	33.5	31.2	37.8	1.39	1.76	70	92	E	E	1	8	10	—	Fine and clear.
29	30.09	29.96	34.7	35.4	26.7	40.7	1.40	1.45	69	68	SE	S	1	3	6	—	Cold and dull.
30	29.81	29.68	35.9	35.9	31.4	37.8	1.43	1.66	67	78	SW	S	2	8	9	—	—
31	29.39	29.45	36.4	32.7	32.7	40.3	1.66	1.65	91	89	NE	SE	1	10	4	3.30	*
Means	29.782	29.763	36.6	37.3	33.0	42.6	1.85	1.88	83.9	83.3	—	—	—	—	—	—	—

## LAUDALE.

Height above Mean Sea Level, 14 feet. Long. 5° 41' W. Lat. 56° 41' N.

MARCH 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	34.2	39.3	31.2	39.5	in.	in.	%	%	ESE 6	SSE 7	10	10	ins.	✱ <sup>2</sup> , 7 inches deep at 9a. Thaw set in [about 4p.]
2	29.89	30.00	39.3	39.1	38.4	42.6	.164	.172	69	73	ESE 7	ESE 6	9	4	.110	✱ (gale) all day.
3	29.54	.48	34.4	38.0	32.8	40.7	.171	.208	85	91	ESE 7	NW 1	10	9	.410	✱ (gale) ✱ <sup>2</sup> till 4p. ☾ at night.
4	.70	29.73	38.5	36.4	35.5	44.6	.208	.194	90	90	ESE 2	Calu 0	10	9	.010	✱ a. Sky green to W. 7a. Much cir. [all day. ☉.]
5	.89	30.04	42.8	44.4	35.0	47.0	.219	.246	80	84	WNW 2	SW 4	9	10	.030	✱ <sup>2</sup> (mist). [all day. ☉.]
6	.95	29.86	45.5	45.3	44.4	47.6	.253	.272	83	90	S 4	S 4	10	10	1.410	✱ <sup>2</sup> (mist) a. Day dull and gloomy. ☉
7	.65	.78	45.5	39.2	38.9	49.5	.268	.222	88	92	S 3	Calu 0	10	10	.210	✱ <sup>2</sup> n. and till 11a. ☉ <sup>2</sup> (mist). [from 7p.]
8	.67	.34	37.0	40.0	36.0	44.3	.204	.172	93	69	ESE 1	SSE 6	10	9	.540	✱ <sup>2</sup> 8a.—9a. Large ☾ at night.
9	.29	.05	39.0	42.0	34.9	43.2	.181	.192	71	73	S 5	SSE 7	9	10	.680	✱ (gale) ✱ <sup>2</sup> n. and a. Cir. from [WNW. all day.]
10	.04	.13	36.8	34.3	32.8	43.1	.167	.180	76	90	SSE 2	SSE 2	9	10	.080	✱ 3. Cir. in "rugs" ESE. to NNW. [✱ <sup>2</sup> 7.15p.—9p.]
11	.30	.38	35.0	39.9	32.9	41.0	.150	.157	73	64	SE 4	SE 3	3	9	.200	✱ a. and p. Cir. from E. ☉
12	.42	.46	40.0	43.9	35.9	44.0	.217	.241	88	84	SSE 6	S 6	10	9	.660	✱ a. Squally all day.
13	.58	.52	46.2	50.0	42.9	50.1	.265	.201	86	81	SSE 6	SSW 5	10	10	.810	☉ (mist) ☉.
14	.66	.65	49.0	50.0	47.9	52.2	.283	.286	81	80	S 7	SSW 4	10	10	.030	☉ (mist) all day.
15	.79	.88	53.0	51.0	48.2	54.9	.277	.276	69	74	S 1	S 6	10	9	.090	☉ (mist) all day. Strong squalls.
16	.88	.84	54.0	50.6	50.0	61.3	.290	.417	70	82	E 4	E 4	4	5	—	✱ (mist) all day. Strong squalls.
17	.81	.77	54.8	56.2	48.1	59.9	.316	.388	74	86	SSE 6	S 5	9	10	.570	✱ during day. Red ☉ round sun.
18	.59	.62	46.8	50.3	42.3	59.9	.275	.194	86	54	S 6	W 8	10	10	.120	Dull and gloomy.
19	.75	.30	45.0	49.0	44.6	59.7	.273	.291	91	84	SW 7	W 4	10	3	1.180	✱ ☉ (sleet).
20	.22	.62	42.0	47.0	38.0	56.6	.227	.260	86	81	NW 10	NW 6	10	7	.140	
21	.98	.05	45.6	39.7	37.6	53.3	.254	.210	83	86	W 8	Calu 0	6	4	.010	
22	29.97	29.97	45.6	46.6	34.3	49.3	.254	.234	83	93	S 2	W 4	10	2	.140	Dull and gloomy till 7p. ☉ <sup>2</sup> (mist) 9p.
23	30.09	30.11	44.0	38.9	37.2	47.7	.228	.204	78	87	Calu 0	Calu 0	10	0	.080	✱ n. Day overcast.
24	.05	29.99	44.6	44.3	35.6	49.8	.252	.242	86	83	S 3	S 7	6	10	.150	Grey ☉ all day. Gloomy 9p.
25	1.0	30.14	45.8	46.9	43.0	47.3	.246	.246	80	78	S 3	S 2	10	4	—	Dull and gloomy all day.
26	.20	.24	44.3	46.6	39.0	47.8	.223	.262	77	83	S 1	S 1	7	4	.020	Dull and gloomy.
27	.30	.22	40.1	39.0	38.1	48.0	.188	.181	75	77	S 2	S 1	9	2	—	☉ round sun. Fine day.
28	.18	30.15	40.5	40.2	34.8	45.7	.173	.187	69	75	E 1	Calu 0	2	10	—	Cloudy from Noon.
29	30.09	29.95	40.0	40.0	31.9	45.3	.189	.205	76	83	Calu 0	Calu 0	8	9	—	Dark all day. ☉
30	29.73	.50	42.0	42.3	38.8	45.4	.152	.192	52	72	SSE 3	S 8	9	10	.070	✱ (gale) all day. ☉
31	29.29	29.37	35.0	38.0	35.0	47.0	.156	.190	52	83	E 7	S 2	5	3	.310	✱ a. and from 1.20p.—4p. ✱ <sup>2</sup> (gale) a.
Means	29.761	29.739	43.1	43.6	38.7	48.7	.223	.233	79.3	81.0	4.1	3.6	8.5	7.5	8.880	



ROTHESAY.

Height above Mean Sea Level, 115 feet. Long.  $5^{\circ} 4' W.$  Lat.  $55^{\circ} 50' N.$

MARCH 1884.

Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
Day.	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.	34.3	37.1	30.5	37.5	in.	in.	%	%	SE	SE	—	—	ins.
2	29.96	30.08	34.3	37.1	30.5	37.5	182	188	92	85	SE	SE	—	—	ins.
3	29.61	29.53	32.5	34.2	32.2	36.0	174	163	79	76	SW	SE	—	—	050
4	72	29.72	32.5	34.2	32.2	36.0	175	184	95	93	SE	Calm	—	—	120
5	29.94	30.09	39.9	42.1	32.7	46.5	209	183	94	85	NE	NW	—	—	837
6	30.04	29.84	46.1	44.3	41.1	49.9	273	277	88	95	WNW	Calm	—	—	015
7	29.72	80	44.3	41.1	40.4	46.3	284	238	98	93	Calm	SSW	—	—	215
8	69	40	39.1	38.9	37.3	47.2	219	184	92	79	S	SSE	—	—	205
9	36	12	40.3	40.7	35.7	46.5	175	185	70	73	SW	SE	—	—	090
10	10	18	38.3	36.0	34.2	45.8	158	186	68	87	W	WSW	—	—	080
11	36	41	38.1	39.1	30.2	43.5	166	175	72	74	SE	SE	—	—	110
12	47	54	40.6	43.1	37.1	44.0	221	237	88	85	SE	S	—	—	080
13	66	63	45.7	47.0	43.1	47.4	303	311	99	97	S	S	—	—	176
14	71	73	47.0	46.6	45.4	48.9	291	296	91	94	S	S	—	—	115
15	87	93	46.6	48.3	45.4	50.5	308	272	97	81	S	E	—	—	050
16	94	89	55.2	53.0	45.4	61.6	312	317	72	79	SE	Calm	—	—	125
17	89	84	49.5	46.6	46.1	55.0	304	308	87	97	SE	Calm	—	—	—
18	67	74	45.3	43.4	41.1	49.4	284	224	94	79	SE	SW	—	—	246
19	88	45	46.1	44.1	37.1	53.4	237	208	76	72	WSW	SW	—	—	499
20	35	29.66	40.1	38.1	36.7	46.0	227	194	62	84	W	NW	—	—	280
21	94	30.00	40.6	49.3	33.7	46.9	212	206	84	83	NW	NW	—	—	105
22	29.90	01	44.4	39.3	36.2	48.1	260	183	89	77	S	NW	—	—	065
23	30.12	16	44.1	38.1	36.8	48.4	214	209	74	91	W	Calm	—	—	030
24	14	07	44.4	43.4	32.5	51.2	244	224	83	79	S	SW	—	—	090
25	11	17	42.9	42.1	41.1	47.5	260	234	95	88	SSE	Calm	—	—	—
26	28	32	40.4	37.3	36.2	43.2	192	168	77	75	E	E	—	—	—
27	31	24	37.4	37.1	36.2	41.3	185	161	83	73	E	E	—	—	—

## PINMORE.

Height above Mean Sea Level, 187 feet. Long.  $4^{\circ} 49' W.$  Lat.  $55^{\circ} 12' N.$

MARCH 1884.

1	30°00	30°10	35°3	36°4	31°5	36°5	*191	*193	93	90	SE	0°5	SE	0°5	—	—	—
2	30°13	30°06	36°4	34°3	33°5	37°3	*163	*170	76	85	SE	0°5	SE	0°5	—	—	*010
3	29°62	29°58	33°8	32°6	27°5	38°3	*184	*181	94	97	NE	3	NW	0°5	—	—	*160
4	*71	29°73	32°2	38°0	30°5	40°3	*181	*210	99	92	NW	0°5	NW	0°5	—	—	*830
5	29°98	30°15	42°2	43°0	32°5	43°3	*243	*249	90	90	NW	0°5	NW	0°5	—	—	*030
6	30°08	29°88	44°7	45°1	42°4	50°1	*272	*267	92	89	SW	0°5	SW	3	—	—	—
7	29°73	*82	44°2	45°4	43°4	46°2	*274	*288	95	96	SW	0°5	SW	0°5	—	—	*190
8	*72	*46	37°2	37°2	34°0	46°2	*210	*184	94	83	SW	0°5	SW	0°5	—	—	*500
9	*43	*10	36°1	41°0	32°5	46°2	*187	*189	87	74	SW	0°5	S	8	—	—	*300
10	*14	*22	34°5	34°5	31°5	45°7	*200	*196	100	98	SW	0°5	SW	0°5	—	—	*600
11	*43	*48	33°2	35°3	25°5	41°3	*149	*187	79	91	SW	0°5	W	0°5	—	—	*190
12	*51	*65	41°0	41°5	35°3	46°2	*231	*230	90	89	S	2	S	3	—	—	*090
13	*70	*71	46°4	47°9	39°4	48°2	*280	*303	89	92	S	2	S	4	—	—	*290
14	*76	*79	48°1	48°4	47°2	50°1	*311	*298	93	88	S	0°5	S	0°5	—	—	*170
15	*92	*98	47°1	48°9	46°2	54°1	*302	*271	93	78	S	0°5	S	0°5	—	—	*130
16	*95	*92	53°9	48°9	43°8	59°6	*270	*301	66	88	S	0°5	S	3	—	—	*030
17	*90	*89	49°8	46°9	45°8	54°1	*282	*304	79	95	S	3	SW	0°5	—	—	*110
18	29°78	*94	46°1	43°0	43°0	50°1	*284	*257	91	93	S	3	W	0°5	—	—	*140
19	30°04	*57	45°4	46°9	41°9	51°1	*260	*244	87	77	W	2	W	4	—	—	*140
20	29°53	29°72	41°5	43°0	41°4	47°7	*219	*249	84	90	W	8	NW	3	—	—	*120
21	*98	30°06	43°0	36°2	35°5	49°2	*238	*186	86	87	NW	3	N	0°5	—	—	*030
22	29°98	*06	44°0	41°0	36°2	46°7	*259	*229	90	90	N	0°5	N	0°5	—	—	*110
23	30°15	*19	42°5	36°2	31°5	50°1	*244	*195	90	91	W	2	NW	0°5	—	—	—
24	*16	*12	40°9	40°1	29°5	50°1	*232	*223	91	90	S	0°5	SE	3	—	—	—
25	*13	*19	41°8	44°0	40°1	50°1	*239	*238	91	82	SE	0°5	SE	0°5	—	—	—
26	*26	*30	40°1	37°2	33°5	45°7	*192	*184	77	83	E	3	E	0°5	—	—	—
27	*30	*23	38°4	37°4	36°5	44°7	*188	*182	82	82	E	0°5	E	0°5	—	—	—
28	*17	*17	42°0	38°0	31°0	44°7	*182	*180	69	78	E	0°5	E	0°5	—	—	—
29	30°13	30°04	39°4	39°1	34°5	45°2	*188	*200	78	84	E	0°5	E	0°5	—	—	—
30	29°82	29°58	40°1	38°2	37°4	45°4	*206	*193	83	84	E	2	E	4	—	—	*130
31	29°33	29°41	37°2	35°3	34°5	44°3	*200	*187	90	91	E	4	SW	2	—	—	*510
Means	29°853	29°841	41°2	40°7	36°4	46°7	*228	*225	87°0	89°6	1°5		1°5		—	—	4°810

☼ ● (sleet.)

☼ and ☼ (sleet) all day.

Very stormy. ● turning to ☼.

SCALEBY (NEAR CARLISLE).

Height above Mean Sea Level, 111 feet. Long.  $2^{\circ} 52' W.$  Lat.  $54^{\circ} 58' N.$

MARCH 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	30°09	34°7	35°5	31°0	42°0	°175	°172	87	83	E	1	Calm	0	ins.	Fine.		
2	30°14	30°07	36°4	36°5	36°5	32°5	43°2	°181	°180	84	84	E	1	E	1	2	10	—	Fine.
3	29°71	29°58	35°5	35°0	33°0	30°0	40°5	°189	°221	92	96	E	5	SW	3	10	0	°180	Cold and dull.
4	°68	29°62	37°7	36°0	30°0	40°2	°225	°212	99	100	E	4	NE	3	10	10	0	°670	
5	29°91	30°13	39°0	39°0	33°1	49°6	°230	°230	97	97	SW	1	W	1	6	2	—	°100	Fine.
6	30°12	29°94	43°5	43°3	36°5	52°8	°278	°237	98	84	Calm	0	SW	2	10	10	0	°040	☼
7	29°82	°83	47°0	46°5	41°0	49°0	°288	°295	90	94	NE	4	S	2	10	10	0	°080	
8	°69	°49	41°3	36°5	36°5	49°0	°244	°214	95	99	SW	3	SE	2	10	3	—	°100	
9	°49	°27	38°3	41°7	34°5	47°2	°217	°211	94	81	W	3	S	4	4	10	0	°220	
10	°12	°26	34°5	36°5	32°0	43°8	°182	°208	91	97	SW	12	S	5	10	10	0	°140	☼ a.
11	°38	°44	33°5	37°5	30°0	47°5	°173	°206	91	92	Calm	0	SE	1	0	10	—	°100	Fine.
12	°57	°63	42°5	41°5	37°5	48°0	°231	°238	86	92	S	4	S	5	10	5	—	°120	
13	°77	°76	45°0	48°5	40°0	51°0	°289	°331	97	98	SE	4	SE	6	10	10	0	°060	Dull all day. ☼ at night.
14	°82	°87	51°6	49°5	48°0	53°0	°330	°355	86	100	SW	7	Calm	0	10	10	0	°260	Dull all day. ☼ at night.
15	°94	°99	49°3	51°5	47°0	59°5	°307	°327	88	86	SW	5	SE	1	10	2	—	°000	Very fine.
16	°98	°91	53°4	55°5	45°5	67°0	°353	°346	86	79	SE	2	SE	1	7	0	—	°000	Very fine and warm.
17	°92	°88	54°5	48°5	47°8	64°8	°345	°342	82	100	SE	5	Calm	0	10	0	—	°000	Very fine.
18	°84	°84	49°5	45°0	40°0	54°0	°295	°262	84	86	SW	5	SW	8	10	4	—	°070	☼ showers, Squally p.
19	°91	°60	48°0	47°0	44°0	53°8	°301	°312	90	97	SW	5	SW	5	2	10	0	°020	Squally ga.
20	°50	29°68	42°3	37°5	37°0	40°0	°233	°216	87	97	SW	7	SW	4	10	4	—	°040	
21	°92	30°01	41°7	37°0	33°2	48°0	°251	°212	95	96	W	2	NW	2	3	0	—	°050	
22	29°96	29°95	40°7	41°5	31°5	49°0	°247	°242	97	93	SE	2	NW	4	8	0*	—	°020	Fine.
23	30°12	30°14	43°0	41°5	34°8	49°5	°246	°242	39	93	W	1	Calm	0	6	0	—	°000	Very fine.
24	°16	°12	42°5	41°5	31°3	54°7	°222	°223	83	86	Calm	0	Calm	0	0	0	—	°000	Very fine.
25	°14	°24	43°5	36°5	36°2	52°1	°221	°180	79	84	E	1	E	2	10	0	—	°000	Very fine.
26	°24	°26	42°5	36°0	30°5	45°8	°231	°184	86	87	E	2	E	2	10	10	—	°000	Dull and cold.
27	°29	°20	30°5	36°5	34°6	42°5	°204	°198	85	92	E	2	Calm	0	3	10	—	°000	Dull and cold.
28	°16	°16	39°0	36°5	31°2	43°0	°192	°198	81	93	E	1	E	1	10	10	—	°000	Dull and cold.
29	30°10	30°01	39°5	40°0	34°6	46°0	°224	°228	93	93	E	1	Calm	0	10	10	—	°000	Dull.
30	29°83	29°65	39°5	39°7	37°5	43°0	°224	°203	93	83	SE	1	E	1	10	10	—	°000	Dull.
31	29°39	29°45	43°5	34°5	34°0	46°8	°238	°196	85	98	E	3	Calm	0	10	0	—	°160	
Means	29°860	29°841	42°3	41°1	36°2	49°2	°244	°239	89°4	91°6		2°7	2°1	7°8	5°8	2°230			

SCARBOROUGH.

Height above Mean Sea Level, 129 feet. Long.  $0^{\circ} 23' \text{ W.}$  Lat.  $54^{\circ} 17' \text{ N.}$

MARCH 1884.

MARCH 1884.																		
1	30°08	30°10	37°2	39°3	32°9	40°9	*155	*185	71	78	SW	1	S	2	5	10	*020	Dull, with * showers.
2	30°12	30°08	38°7	36°6	35°3	40°0	*191	*192	82	89	NE	1	NE	1	4	9	—	☼ <sup>0</sup> (mist) 9a. Damp and raw. *
3	29°87	29°62	35°9	40°5	32°3	40°5	*188	*245	90	98	SE	3	SSW	2	10	6	*340	Dull and cold. ☼ <sup>0</sup> 11a. Milde
4	*69	29°55	41°7	44°1	39°2	44°1	*262	*271	99	93	SSE	3	SE	2	10	10	*350	Dull, with ☼ nearly all day.
5	29°89	30°14	44°3	41°8	36°3	49°7	*210	*210	74	80	WNW	3	NW	2	2	3	*090	Fine and bright.
6	30°16	30°03	42°6	43°7	38°2	51°2	*245	*265	89	92	W	2	W	1	9	5	—	Fine and mild. ☼ <sup>0</sup> (mist) 9p.
7	29°92	29°86	42°5	44°1	40°4	48°0	*241	*240	89	82	WSW	1	S	1	9	7	—	Dull, with ∞.
8	*78	*55	41°8	39°7	38°5	44°3	*244	*232	93	95	SSW	1	SSW	3	10	10	*360	☼ <sup>2</sup> from 3p.
9	*46	*42	36°7	41°5	35°5	41°5	*208	*228	96	88	SSW	2	SSE	3	10	10	*370	Dull a. Fine p. Parhelia 5p.
10	*07	*34	38°3	38°2	36°2	45°1	*224	*192	97	84	WNW	3	WSW	2	10	5	*050	☼ <sup>2</sup> a. Fine p.
11	*37	*50	39°5	41°3	34°9	44°5	*216	*236	90	92	NNE	1	SW	1	8	6	*010	Dull a. Fine p. ☼ 9p.
12	*67	*74	40°5	41°2	36°0	45°6	*214	*237	85	92	SSW	1	SW	1	3	3	—	Very fine and bright.
13	*91	*91	45°3	48°5	39°4	50°9	*276	*303	92	90	SW	1	SW	2	10	5	*020	Dull and damp.
14	29°99	29°97	51°4	51°4	45°8	56°0	*317	*301	84	80	SW	3	WSW	3	5	3	—	Fine and mild.
15	30°05	30°05	49°8	52°4	44°3	60°1	*292	*303	82	77	SSW	2	S	3	6	4	—	Very fine and warm.
16	*07	30°01	48°4	51°4	45°7	60°6	*308	*298	91	79	SW	2	S	2	4	3	—	Very fine and warm.
17	30°02	29°94	56°0	55°9	45°2	64°6	*308	*394	69	89	SSW	1	S	1	1	0	*020	Very fine and warm.
18	29°96	*91	49°6	49°1	45°3	57°8	*296	*261	83	75	SW	3	WSW	4	5	4	—	Very fine. Hot sun, but cool breeze
19	*98	*78	47°1	49°8	46°0	56°2	*257	*272	79	77	WSW	3	WSW	2	10	10	—	Fair and cool a. Warmer p.
20	*61	*70	44°8	38°7	38°5	50°2	*200	*205	68	88	WNW	6	WNW	3	3	3	*010	Cold ☼ a.
21	29°86	*96	46°7	39°5	36°4	49°6	*288	*216	91	90	NNW	3	NW	2	2	6	*070	Cold wind a. ☼ showers p.
22	30°00	29°92	42°4	46°1	33°0	52°1	*299	*298	81	96	NW	2	W	1	1	10	—	Very fine a. Dull with ☼ <sup>0</sup> p.
23	*06	30°11	42°1	44°4	38°6	50°7	*202	*199	76	68	NNE	2	NNE	1	3	8	—	Fine, but with cold wind.
24	*17	*20	44°4	40°1	37°2	49°0	*258	*227	88	92	NNE	1	ESE	1	8	2	—	Fine, but with cold wind.
25	*22	*24	42°7	39°5	38°0	44°6	*230	*188	84	78	SSE	2	SE	2	6	2	—	Fine, but with cold wind.
26	*23	*26	38°7	37°8	35°3	40°1	*184	*217	79	96	E	2	SE	1	10	10	*030	Dull and cold.
27	*27	*20	39°9	38°3	36°9	40°9	*173	*203	70	88	E	2	E	2	10	10	*010	Dull and cold. ☼ <sup>0</sup> ☼ <sup>0</sup> showers.
28	*14	*16	43°7	38°7	35°7	44°8	*219	*207	77	88	E	1	ENE	1	3	3	*010	Fine and bright.
29	30°13	30°05	42°4	40°9	35°3	44°1	*235	*225	87	88	ESE	1	ENE	1	9	9	—	Dull and cold.
30	29°90	29°73	41°2	42°6	37°6	43°3	*235	*267	92	97	NE	1	E	1	9	9	*010	Dull and cold.
31	29°50	29°54	43°9	38°1	37°6	45°8	*280	*216	98	94	SSE	3	SW	1	10	0	*390	☼ <sup>2</sup> 3p.—5p. Fine later.
Means	29°508	29°589	43°2	43°1	38°3	48°3	*238	*243	84°7	86°9	2°0	1°8	6°5	6°0	2°160			



## CRONKBORNE (DOUGLAS), ISLE OF MAN.

Height above Mean Sea Level, 137 feet. Long. 4° 29' W. Lat. 54° 10' N.

MARCH 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	38°0	38°6	33°3	39°3	in.	in.	94	88	SSE 3	SE 3-4	10	10	ins.	☉ ☁ (mist) a. and p. [tains.
2	29°99	30°06	38°0	38°6	33°3	39°3	214	205	94	88	SE 3	SE 4	9	9	159	☁ (mist) a. and p. Snow on the moun-
3	29°60	29°58	37°9	37°1	37°1	41°9	209	215	92	97	ESE 5-6	ENE 1	10	3	376	☁ (mist) a. ☉ ☁ a. ☁ 9p.
4	29°65	29°68	40°8	40°2	37°1	41°7	237	224	94	90	NE 2	NNW 3	10	10	406	☁ (mist) a. and p. ☉ all day.
5	29°99	30°16	42°9	45°0	39°1	48°0	222	255	81	86	WNW 5	SW 2	3	9	003	
6	30°10	29°94	47°8	45°4	41°8	50°0	288	262	87	87	SSW 2	SSW 5	8	8	—	
7	29°78	29°80	45°0	43°0	43°0	45°9	257	264	86	95	S 5-6	S 1	10	10	636	Squally ☉ a. ☉ ☁ (mist) p.
8	29°71	29°46	41°0	39°9	37°8	46°0	225	168	88	68	NW 1	S 5	9	10	191	
9	29°43	29°14	40°6	42°1	36°8	46°7	201	208	80	78	WSW 3	SE 7	9	10	028	Squally ☉ ☉ ☁ p. Snow on the moun-
10	29°13	29°21	39°7	37°5	33°5	44°7	165	173	67	77	W 3	SW 2-3	3	4	097	☉ ☉ ☁ 2.30p.-8p. ☉ ☉ ☁
11	29°33	29°40	40°0	43°4	38°4	43°4	169	211	68	75	ESE 2	SSE 3	2	10	004	☉ ☉ ☁ 1.0p. Snow on the mountains.
12	29°52	29°59	44°0	45°0	41°8	47°0	244	255	84	86	SSE 4-5	S 3-4	10	10	187	☉ ☉ ☁ (mist) a. and p.
13	29°74	29°72	47°5	48°0	44°6	48°8	304	314	94	94	S 5	S 6	10	10	038	☉ ☉ ☁ (mist) a. and p. Squally ☉ p.
14	29°80	29°84	48°2	47°7	46°9	48°9	330	316	98	96	SSE 5-6	SSW 5	10	10	092	Squally ☉ (gale) ☉ a. ☉ ☉ ☁ (mist)
15	29°93	29°98	48°4	48°5	46°3	54°0	293	281	87	83	S 3	NNE 1	9	8	031	☉ ☉ ☁ (mist) p. ☉ a. and p. ☉ ☉ ☁
16	29°94	29°89	49°0	53°5	43°8	56°0	298	305	86	75	E 1	SE 3-4	5	2	—	☉ ☉ ☁ (mist) a.
17	29°90	29°91	48°2	46°0	44°8	53°5	293	304	88	98	ESE 1	SSW 5	10	10	020	☉ ☉ ☁ (mist) a. ☉ ☉ ☁ (mist) p.
18	29°81	29°91	46°9	47°0	43°4	50°4	294	220	93	72	S 4	WSW 5-6	10	8	017	☉ ☉ ☁ (mist) a. Squally ☉ p.
19	29°94	29°63	48°9	46°1	46°1	50°7	290	222	84	71	SSW 2	SW 7-8	7	1	012	☉ ☉ ☁ (mist) a. Squally ☉ p.
20	29°66	29°72	42°0	40°7	37°3	47°1	207	204	78	80	WSW 7	WNW 7-8	10	10	150	Squally ☉ a. and p. ☉ ☉ ☁
21	29°99	29°04	42°8	40°0	36°7	46°5	221	222	80	90	WNW 6	Calm 0	3	2	012	☉ ☉ ☁ (mist) before 9a. ☉ ☉ ☁ 9p.
22	29°95	29°00	47°0	43°7	35°5	47°8	277	237	87	83	SSW 3	NW 6	9	7	244	☉ a. Squally ☉ p.
23	30°15	29°17	44°5	39°4	36°0	49°6	235	212	80	88	WNW 1	NNW 1	6	3	—	☉ a. and p.
24	29°16	29°11	46°0	37°4	32°4	49°6	265	213	86	95	ESE 2	NE 2	4	3	037	☉ a. ☉ p. < 8.30p. ☉
25	29°12	29°14	43°0	44°4	36°3	47°8	257	224	93	76	E 2	SE 3	10	3	010	☉ ☉ ☁ (mist) a. and p.
26	29°20	29°24	40°6	40°6	37°6	44°4	164	182	65	71	ESE 4	E 3	10	10	—	☉ ☉ ☁ (mist) 9p.
27	29°25	29°19	40°0	40°2	38°4	41°4	187	179	75	72	ESE 3	E 1	10	10	—	☉ ☉ ☁ (mist) 9p.
28	29°14	29°13	40°9	35°0	34°2	43°3	171	174	67	85	ENE 1	NNE 1	10	9	—	☉ ☉ ☁ (mist) 9p.
29	30°10	30°01	41°0	39°0	35°0	43°6	210	209	82	83	SE 1	Calm 0	10	10	—	☉ ☉ ☁ (mist) a. and p.
30	29°83	29°59	41°3	42°9	37°3	45°7	193	212	75	78	S 1	SSW 4	10	10	193	☉ ☉ ☁ (mist) a. ☉ ☉ ☁
31	29°33	29°38	37°1	41°7	36°1	46°0	215	217	97	83	SE 1	SSE 2	10	3	340	☉ ☉ ☁ (mist) a. ☉ ☉ ☁ showers p. [Snow on the mountains.
Means	29°847	29°827	43°2	42°6	38°6	46°9	236	228	83.8	83.1	3°0	3°4	8°3	7°5	3°275	

## STONYHURST.

Height above Mean Sea Level, 375 feet. Long. 2° 28' W. Lat. 53° 51' N.

MARCH 1884.

1	30°05	30°10	33°2	34°2	30°2	38°6	165	154	87	77	Calm 0	Calm 0	10	10	—	☉ ☉ a.
2	30°13	30°06	35°0	37°0	32°8	42°8	164	174	80	79	Calm 0	Calm 0	5	10	—	
3	29°75	29°63	35°0	38°9	32°2	42°3	170	210	83	93	SE 2	Calm 0	10	10	260	☉ ☉ a. ☉ 8.15p.-10p.
4	29°62	29°49	38°5	44°3	37°2	46°4	221	284	95	98	NNE 1	Calm 0	10	10	830	
5	30°00	30°20	41°4	39°5	34°5	44°6	231	218	89	90	W 3	WSW 1	10	0	087	
6	30°17	30°01	43°4	43°1	36°8	49°9	260	233	92	83	Calm 0	SW 1	10	9	—	☉ p.
7	29°88	29°84	42°4	43°0	37°3	49°1	221	259	82	94	SW 1	Calm 0	7	10	060	☉ 9.45a.-0.20p.
8	29°73	29°52	40°0	37°0	36°2	45°2	230	200	94	91	S 1	Calm 0	10	10	230	☉ p.
9	29°48	29°30	41°1	41°9	34°9	45°1	198	196	78	75	W 2	SE 3	7	10	368	☉ in afternoon. ☉ 7.30p.-8.30p.
10	29°17	29°33	34°2	38°2	32°4	43°8	177	186	90	81	W 1	S 2	10	10	023	☉ ☉ early a.
11	29°58	29°48	35°1	39°3	31°1	44°3	163	202	79	84	NNE 1	Calm 0	0	0	—	☉ a.
12	29°61	29°71	42°0	42°6	36°3	48°9	214	227	81	83	SE 2	S 4	5	9	025	☉ a.
13	29°88	29°90	44°9	48°9	40°6	50°1	259	291	87	84	S 4	S 5	10	10	063	
14	29°95	29°95	50°1	50°0	46°2	53°2	313	265	86	74	S 4	S 4	10	10	—	
15	30°03	30°03	47°4	53°5	43°7	60°3	267	319	82	78	S 1	Calm 0	10	5	—	
16	30°01	29°98	55°0	55°4	46°2	64°9	320	311	74	71	Calm 0	Calm 0	8	0	—	
17	29°99	29°97	55°3	48°9	47°1	62°7	300	323	69	94	SE 1	WSW 1	0	10	112	
18	29°94	29°98	48°0	45°4	43°2	54°4	272	246	82	82	SSW 3	SW 2	7	10	080	Zodiacal light in NW.
19	29°99	29°73	48°6	47°9	43°2	53°4	265	269	77	81	WSW 2	S 4	6	10	015	
20	29°71	29°74	41°9	39°9	38°3	51°8	202	196	77	79	SW 6	WSW 3	10	10	052	< 9.40p. ☉ 11.5p.
21	29°98	30°03	42°1	40°0	36°3	46°2	194	205	73	83	WNW 3	NW 2	4	0	035	☉ ☉
22	30°01	29°99	41°6	42°9	34°9	50°0	247	255	94	92	Calm 0	WSW 1	7	10	245	
23	29°14	29°16	43°0	40°1	36°0	47°8	217	206	79	83	WNW 2	ENE 1	6	7	—	
24	29°19	29°20	40°9	38°3	35°9	49°3	198	180	78	78	NNE 1	NE 1	5	0	—	☉ ☉ early a. ☉ 9a.-11.30a.
25	29°20	29°24	38°2	36°9	30°9	41°1	171	166	74	76	NE 1	NE 1	10	10	—	☉ ☉ 7.15a.-8a.
26	29°25	29°19	38°1	36°9	34°9	42°4	166	168	72	77	ENE 2	NE 1	10	10	—	
27	29°14	29°13	38°3	39°6	34°8	43°4	187	176	81	72	NE 1	Calm 0	10	10	—	
28	29°13	29°13	38°0	39°8	34°0	42°9	188	178	82	72	Calm 0	Calm 0	10	10	—	
29	29°87	29°68	38°6	37°0	36°0	44°3	203	165	87	75	NE 2	Calm 0	10	10	—	
30	29°42	29°48	42°5	37°4	35°8	44°8	202	183	75	82	SE 4	S 1	10	0	210	
Means	29°904	29°878	41°7	41°9	36°8	48°2	220	221	82.2	81.8	1°6	1°3	7°8	7°7	2°695	

## WAKEFIELD.

Height above Mean Sea Level, 96 feet. Long. 1° 30' W. Lat. 53° 41' N.

MARCH 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	30°2	31°9	29°2	40°6	in.	in.	95	97	E 1	NNE 1	10	7	ins.	Dull a. Fine p.
2	30°07	30°10	30°2	31°9	29°2	40°6	159	176	95	97	E 1	NNE 1	10	7	—	Fine all day.
3	29°83	29°05	34°3	39°6	30°6	41°5	186	185	82	92	NE 2	N 2	5	7	020	☉ ☉ ☉ showers.
4	29°62	29°50	41°0	45°9	35°0	47°5	252	307	98	99	ESE 2	SSE 1	10	10	360	
5	29°97	30°21	42°6	39°5	36°2	47°2	240	206	88	86	NE 1	SSE 2	10	10	350	
6	30°16	30°01	41°9	46°6	38°3	53°6	253	273	95	87	W 4	W 2	4	0	—	Fine and bright.
7	29°91	29°82	41°4	42°8	39°0	52°6	234	242	91	88	SSW 2	SE 1	10	8	—	Fine.
8	29°75	29°53	41°6	37°8	37°8	45°8	249	221	95	98	SSE 2	SE 2	7	6	—	Fine.
9	29°48	29°35	41°4	42°4	35°4	46°1	222	215	86	80	S 1	SSW 1	10	5	130	Dull and gloomy.
10	29°13	29°32	35°6	38°4	34°3	45°1	207	198	99	86	SW 1	SE 1	6	8	340	Fine.
11	29°36	29°49	37°9	40°2	34°1	45°6	224	227	98	91	WSW 2	S 2	10	9	020	
12	29°07	29°15	35°2	43°6	32°6	50°5	205	242	100	85	N 1	SE 1	8	6	—	Dull a. Fine p.
13	29°93	29°05	46°0	51°3	41°8	52°6	302	316	97	83	SW 2	SSE 2	10	3	—	Fine from 10.30a.
14	29°98	29°99	49°8	50°2	47°9	58°0	348	298	97	83	SE 2	S 4	10	10	020	
15	30°04	30°03	49°8	51°6	43°1	63°6	305	356	85	93	SSE 2	SSE 2	10	5	—	Dull a. Fine p.
16	30°06	29°99	45°2	53°8	37°0	67°4	299	358	99	86	W 1	W 1	10	2	—	Fine from 11a.
17	30°02	29°94	44°8	55°7	37°8	65°4	273	394	92	89	NE 2	E 1	10	0	—	☉ 9a. Fine and bright from 10a.
18	29°96	29°93	50°8	49°6	46°2	59°8	312	285	84	80	ENE 1	SSE 1	0	10	040	Fine day.
19	30°02	29°73	48°4	50°8	45°1	58°6	275	287	81	77	S 2	WSW 6	6	4	—	Fine.
20	29°71	29°74	43°8	39°8	38°4	58°6	221	218	76	90	SW 4	WSW 5	7	5	—	Fine.
21	29°93	30°04	42°8	40°6	36°9	49°0	212	223	77	83	WSW 6	WSW 4	5	3	040	Fine.
22	30°03	29°96	41°6	46°8	32°8	49°9	243	313	93	98	W 4	W 3	1	3	—	Fine and bright.
23	30°15	30°15	43°8	42°0	38°0	49°5	221	256	76	96	WSW 2	WNW 2	4	5	—	
24	29°19	29°18	47°8	39°8	33°4	50°5	252	225	76	92	WNW 2	WNW 2	6	3	—	Fine.
25	29°21	29°22	38°6	37°6	30°1	49°3	222	208	95	92	SE 2	SE 2	5	10	—	Fine a. Dull p.
26	29°48	29°24	38°4	37°8	32°8	41°2	195	206	85	91	E 2	E 2	9	2	—	Dull till 10.30a., then fine.
27	29°27	29°18	38°6	37°8	35°5	42°5	181	201	77	89	ENE 2	ENE 2	10	10	—	Overcast and cold.
28	29°15	29°14	39°8	40°6	34°0	42°5	216	215	88	85	ENE 2	E 2	9	10	—	Dull a. Fine p.
29	30°14	30°01	38°0	40°2	30°2	42°8	208	230	90	92	NE 1	NE 1	10	10	—	Dull.
30	29°86	29°68	41°0	42°4	37°0	46°7	226	243	88	90	E 1	SE 1	10	10	—	Dull.
31	29°43	29°51	45°8	37°6	37°4	47°3	228	224	91	99	SE 1	SE 2	10	7	130	Dull.
Means	29°912	29°883	41°8	42°9	36°4	50°1	239	251	89°5	89°7	2°1	2°0	7°8	6°3	1°450	



## BUXTON.

Height above Mean Sea Level, 987 feet. Long. 1° 54' W. Lat. 53° 14' N.

MARCH 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	30°6	28°6	24°7	37°7	155	139	91	89	SE 1	SE 1	3	3	ins.	
2	30°13	30°10	33°4	33°4	25°0	41°0	182	182	96	96	E 2	W 1	4	8	0°00	
3	29°80	29°67	32°4	32°9	30°0	38°5	174	179	96	96	SE 2	SE 2	10	10	0°00	* ga. and before.
4	29°61	29°54	37°9	32°9	30°2	44°8	210	183	92	98	SE 1	SE 1	10	10	1°20	
5	30°02	30°25	38°4	34°9	30°0	42°3	222	184	96	91	NW 2	NW 1	10	2	0°00	
6	30°17	29°98	46°4	38°4	31°9	50°6	237	216	76	93	W 2	SSW 2	5	3	—	
7	29°93	29°87	41°1	34°9	34°3	47°4	213	194	82	96	SW 2	SSW 1	5	7	—	
8	29°75	29°76	39°2	32°9	31°0	41°0	215	179	90	96	SW 1	NW 1	10	7	—	
9	29°53	29°43	38°4	32°4	31°2	46°2	186	168	81	92	WSW 2	NW 1	8	7	0°80	* before ga.
10	29°21	29°36	32°4	34°9	31°0	42°6	182	179	99	88	WNW 2	SW 2	10	7	0°10	* a. and p.
11	29°36	29°42	36°6	32°9	31°7	45°1	199	185	92	99	SE 2	SE 2	8	6	—	* before ga.
12	29°67	29°83	38°3	35°1	32°5	47°3	214	168	93	81	S 2	S 2	6	4	—	
13	29°05	29°06	44°9	46°9	35°1	49°1	257	297	87	93	SW 2	S 3	9	10	1°80	
14	30°00	30°02	45°9	47°9	44°9	53°6	297	253	97	76	S 2	SW 3	10	4	—	
15	30°06	30°06	48°1	49°9	35°8	60°7	246	308	73	86	SW 2	SW 1	8	0	—	
16	30°01	30°01	52°6	50°9	35°0	63°4	328	302	82	82	SE 1	W 1	3	0	—	
17	30°00	30°04	53°9	44°4	38°3	62°2	323	261	77	89	SE 1	SE 1	3	10	0°00	
18	29°98	29°00	48°1	44°4	43°9	56°1	289	280	86	96	S 2	SW 3	7	7	—	
19	29°03	29°78	47°9	45°9	40°3	55°1	263	286	79	93	SW 1	SW 3	3	10	0°70	
20	29°77	29°82	41°4	33°6	32°3	46°6	210	180	81	93	W 4	SW 2	6	4	0°40	* a. and p.
21	29°98	29°06	40°6	37°6	32°2	54°8	194	176	77	78	WNW 2	NW 2	7	4	0°30	* before ga.
22	30°03	29°99	42°3	41°4	34°3	49°1	216	243	81	94	SW 1	W 2	8	9	—	
23	30°14	30°19	41°4	39°3	35°2	48°2	200	213	78	89	NW 2	W 1	8	5	—	
24	30°18	30°22	43°6	35°4	28°2	50°6	246	179	86	87	NW 1	NW 1	5	0	—	
25	30°20	30°24	43°3	33°3	29°4	48°1	166	184	80	97	ESE 1	ESE 2	9	0	—	
26	30°16	30°23	35°0	33°9	30°0	37°4	204	186	100	96	ESE 3	SE 3	10	10	—	* p.
27	30°26	30°13	33°9	33°9	31°8	38°2	140	157	72	80	E 2	SE 2	8	7	—	
28	30°15	30°14	35°1	34°9	30°0	37°0	173	172	84	84	E 2	E 1	9	9	—	
29	30°12	30°01	36°6	36°1	32°5	40°0	196	190	91	90	ESE 1	SE 1	9	10	—	
30	29°85	29°69	40°6	38°4	33°6	45°5	156	204	62	88	E 1	SW 1	8	7	—	
31	29°45	29°50	39°9	34°6	32°3	42°3	215	178	88	89	S 2	SE 2	9	7	0°00	* p.
Means	29°920	29°916	40°4	37°6	32°9	47°2	216	207	85°3	90°2	1°7	1°7	7°4	6°0	3°890	

## HILLINGTON, NORFOLK.

Height above Mean Sea Level, 88 feet. Long. 0° 33' E. Lat. 52° 48' N.

MARCH 1884.

1	30°05	30°07	34°3	35°5	24°9	40°7	150	205	75	99	ESE 1	NE 1	10	10	0°27	ga. Fine day.
2	30°07	30°07	39°0	33°6	29°0	41°7	200	193	85	100	NE 1	NE 0°5	3	9	0°02	* early a. * shower 10.40a.
3	29°94	29°73	35°1	40°2	30°7	41°3	177	249	86	100	SSE 3	S 4	10	10	0°03	* most of day.
4	29°69	29°59	43°5	49°8	40°1	50°5	269	305	95	85	SSE 1	SSE 5	10	10	0°16	Mild. * all day, till 6p.
5	29°99	30°20	42°8	37°8	37°8	50°3	244	217	89	95	W 5	SW 1	5	3	0°03	Very fine and sunny. D 9p.
6	30°20	30°06	36°1	43°0	29°6	51°4	200	270	95	98	SW 1	W 0°5	9	9	0°02	ga. Fine. D p.
7	29°96	29°91	41°8	36°5	35°5	48°5	249	208	95	97	SW 1	SW 0°5	10	0	—	Overcast day. U 8p.
8	29°85	29°59	40°1	40°0	33°7	48°4	241	247	97	100	SW 1	S 3	9	10	0°20	Overcast all day.
9	29°50	29°47	39°4	39°8	33°2	48°6	239	205	99	84	SW 1	NW 3	10	8	0°18	Fine and sunny.
10	29°16	29°43	39°4	35°5	32°8	45°5	231	196	96	95	NW 2	NE 1	10	0	0°10	D 9p.
11	29°31	29°60	39°7	36°2	34°5	43°9	231	209	95	98	NE 3	E 1	10	10	0°10	Fine a. Overcast p. D 9p.
12	29°67	29°85	41°1	41°1	30°0	49°2	249	249	97	97	SE 1	S 1	6	6	—	Fine. D 9p.
13	29°99	30°07	46°1	49°1	38°2	55°4	302	316	97	91	S 2	S 3	8	10	—	
14	30°11	30°10	51°9	48°5	46°0	58°2	331	308	86	91	S 3	S 1	6	2	—	
15	30°10	30°10	57°0	50°9	44°8	66°4	396	342	85	93	S 2	S 1	5	0	—	Very fine and sunny.
16	30°05	30°07	59°9	52°9	44°0	69°3	409	322	79	80	SE 2	SE 2	3	0	—	Very fine and sunny.
17	30°04	30°04	55°1	52°4	39°0	67°4	356	389	82	99	SE 1	SE 1	0	0	—	Very fine. D 9p.
18	30°03	30°04	52°7	49°0	46°5	62°4	375	343	94	99	S 1	W 4	8	0	—	D 9p.
19	30°06	29°89	47°5	51°1	42°2	59°5	308	308	95	82	SW 2	SW 3	7	7	—	Very fine and sunny.
20	29°88	29°80	45°0	41°0	39°6	51°9	197	197	66	77	SW 4	SW 5	0	4	—	Very fine and sunny.
21	29°90	30°01	42°1	38°0	35°6	50°9	205	208	77	91	W 2	W 1	3	10	0°16	Very fine and sunny.
22	30°03	30°03	41°0	45°8	29°8	51°0	233	258	81	84	NW 1	NW 4	4	10	0°09	Cloudy a., then fine and sunny.
23	30°08	30°12	43°3	39°9	39°7	51°5	265	221	95	90	N 0°5	N 0°5	10	10	—	D 9p.
24	30°16	30°18	43°8	33°0	32°6	50°7	241	182	84	97	NE 1	NE 1	9	1	0°06	D 9p.
25	30°19	30°18	44°1	35°9	28°1	48°5	240	195	82	93	E 1	E 0°5	8	9	0°09	ga.
26	30°15	30°17	30°0	37°6	35°3	41°9	216	205	91	91	E 1	E 1	10	10	—	Overcast and cold all day.
27	30°21	30°17	39°6	34°0	33°5	46°5	204	191	84	98	ENE 2	NE 1	10	4	—	Overcast a. Sunny mid-day. D 9p.
28	30°13	30°11	43°7	37°4	25°5	48°5	232	214	81	95	E 2	E 1	6	6	0°03	ga. D 9p.
29	30°09	29°99	40°1	39°2	37°0	44°6	231	229	93	96	NE 1	E 1	10	10	—	Overcast all day. D
30	29°84	29°70	46°4	42°6	38°9	49°4	273	262	87	96	NE 0°5	N 0°5	10	10	0°18	D 9p.
31	29°54	29°57	45°6	38°5	36°0	54°5	292	223	96	96	SE 1	SE 1	10	0	0°02	Overcast all day. D 9p.
Means	29°935	29°931	43°7	41°5	35°6	51°2	258	247	88°7	93°1	1°6	1°7	7°4	6°1	1°298	

## UPPINGHAM.

Height above Mean Sea Level, 484 feet. Long. 0° 44' W. Lat. 52° 35' N.

MARCH 1884.

Day	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	33°0	33°4	28°1	41°0	in.	in.	%	%	N by E 1	N 1	10	10	—	Overcast all day. * 0° 0° (sleet) op.
2	30°10	30°09	32°9	34°3	28°7	43°5	*138	*157	73	82	N 1	Calm 0	9	10	—	ga. and before.
3	29°91	29°69	32°6	41°4	29°0	41°4	*167	*252	89	97	SSE 2	S 1	10	10	0°369	* till 3p.
4	29°63	29°53	42°1	45°8	40°9	48°6	*262	*286	97	93	SSE 3	SSW 5	10	10	*109	* till 3.30p.
5	30°02	30°22	41°1	37°4	36°1	48°7	*210	*192	82	86	W 4	WNW 2	8	7	—	Sunny day.
6	30°21	30°07	38°6	40°8	34°0	53°4	*209	*221	90	88	WNW 1	SW 1	10	5	—	ga. Warm and sunny a. Gloomy p.
7	29°94	29°88	40°9	40°4	36°0	46°8	*235	*220	92	88	W by S 1	SSW 1	10	10	—	ga. Mackerel sky ga. Day overcast.
8	*79	*59	39°2	37°0	35°6	44°8	*216	*212	90	96	S by W 2	SSE 1	10	4	*060	Dull and gloomy. U 9.30p.
9	*52	*43	39°5	40°0	34°7	48°3	*209	*202	86	82	WNW 1	S by E 3	7	10	*242	Sunny a. U 0° 0° p.
10	*18	*38	34°0	36°1	33°5	44°8	*188	*174	96	81	swb.w 1	S by E 2	10	2	*059	* till 9a. Sunny p. U 9p.
11	*32	*51	37°1	37°4	33°9	44°5	*211	*214	95	96	NE by W 3	Calm 0	10	9	—	Day dull and gray. U 11p.
12	*68	29°80	35°4	41°0	32°1	48°9	*202	*215	97	84	S 1	SSW 4	10	2	—	ga. Bright and sunny from 9a.
13	29°98	30°02	46°8	48°0	39°2	52°1	*284	*270	89	81	SW 2	S by E 5	10	10	—	Overcast all day. (gale) 11p.
14	30°07	*06	46°9	46°5	45°3	56°2	*256	*253	81	81	S by W 5	S 2	10	1	—	Overcast a.
15	*08	*06	49°1	52°1	43°5	63°5	*295	*324	84	83	S 2	S by E 2	10	1	—	Warm and bright p.
16	*04	*01	49°1	51°9	45°4	65°6	*293	*267	84	69	S by E 1	S 1	8	0	—	ga. Day bright and hot, with ∞.
17	*03	*00	53°8	50°3	40°0	64°6	*290	*319	69	88	S 1	S by W 1	1	1	—	ga. Day warm and bright.
18	*02	30°02	51°8	47°0	46°9	59°4	*336	*271	87	85	swb.w 1	SW 2	10	2	—	Overcast a. Sunny p.
19	30°07	29°87	47°9	47°3	42°0	55°5	*255	*287	78	89	swbys 3	swb.w 4	10	5	—	Bright [and warm mid-day. Overcast
20	29°84	29°84	43°1	38°8	37°9	47°4	*193	*213	69	90	W by S 6	W by S 4	4	5	*056	Sunny mid-day.
21	29°95	30°03	42°5	38°0	34°4	48°4	*209	*204	77	89	NW 4	WNW 3	2	1	—	Threatening appearance all day.
22	30°05	*00	41°1	44°4	32°6	50°2	*222	*260	86	89	WSW 1	swbys 2	10	6	—	
23	*11	*13	41°7	42°3	36°5	50°1	*208	*228	79	85	NW by N 2	Calm 0	10	9	—	
24	*17	*19	43°7	36°3	34°9	51°8	*207	*194	73	91	N by E 2	NNE 1	2	7	—	
25	*19	*18	40°5	34°0	32°3	49°3	*219	*180	87	91	E by S 1	E by N 1	8	1	—	
26	*14	*18	38°1	36°9	31°6	42°2	*189	*194	82	89	E by N 2	E by N 1	10	10	—	Gloomy all day.
27	*21	*16	36°9	33°0	33°0	46°0	*175	*177	81	94	NE by E 1	NE 1	10	2	—	Gloomy a.
28	*13	30°11	38°8	38°6	32°2	44°8	*205	*205	85	88	E by N 1	N by E 1	9	10	—	Dull and cold p.
29	30°09	29°99	38°4	39°0	36°1	44°3	*204	*216	88	91	ENE 2	ENE 1	10	10	—	Gloomy all day, with cold wind and
30	29°85	*71	42°6	41°9	36°1	49°5	*227	*216	84	82	NE 1	Calm 0	7	10	*010	
31	29°51	29°55	42°0	35°1	35°0	48°0	*247	*203	93	99	S by E 1	S by E 1	10	3	*072	ga.
Means	29°931	29°915	41°3	40°9	36°1	49°8	*223	*226	84°6	87°6	1°9	1°7	8°5	5°9	0°977	



## GELDESTON (BECCLES).

Height above Mean Sea Level, 37 feet. Long. 1° 31' E. Lat. 52° 28' N.

MARCH 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	33° 2'	35° 1'	27° 1'	41° 8'	in.	in.	90	98	N	1	0	0	ins.	on grass ga.
2	30° 04	30° 07	37° 1'	30° 5'	30° 3'	42° 0'	201	201	87	98	N	1	0	0	0.010	on grass ga.
3	29° 08	29° 07	34° 1'	41° 0'	25° 0'	42° 9'	175	237	88	93	SSE	1	0	0	0.010	on grass ga. 0° 0.10p.
4	74	29° 66	44° 0'	50° 1'	40° 6'	50° 1'	267	281	93	78	SSE	3	0	0	0.030	on grass ga.
5	29° 09	30° 20	43° 8'	39° 9'	38° 8'	51° 3'	226	224	78	91	W	2	0	0	0.030	on grass ga.
6	30° 20	30° 07	38° 2'	43° 9'	31° 7'	50° 6'	206	263	90	91	WNW	1	0	0	0.030	on grass ga.
7	29° 06	29° 00	43° 1'	42° 8'	41° 2'	47° 8'	274	249	98	91	WNW	1	0	0	0.030	on grass ga.
8	81	63	42° 0'	41° 0'	38° 8'	47° 8'	258	237	97	93	WNW	1	0	0	0.030	on grass ga.
9	51	51	39° 9'	38° 1'	36° 0'	49° 5'	229	225	94	98	WNW	1	0	0	0.030	on grass ga.
10	19	44	45° 0'	36° 2'	35° 3'	46° 2'	207	208	99	97	WNW	1	0	0	0.030	on grass ga.
11	24	53	38° 0'	39° 1'	35° 4'	42° 1'	216	235	95	98	WNW	1	0	0	0.030	on grass ga.
12	29° 08	29° 06	38° 1'	41° 9'	31° 7'	46° 8'	227	248	99	94	WNW	1	0	0	0.030	on grass ga.
13	30° 05	30° 12	46° 8'	48° 8'	38° 9'	55° 6'	299	297	93	86	WNW	1	0	0	0.030	on grass ga.
14	15	12	49° 4'	47° 1'	44° 4'	58° 0'	310	297	89	92	WNW	1	0	0	0.030	on grass ga.
15	13	12	54° 6'	49° 1'	42° 0'	64° 9'	345	319	81	91	WNW	1	0	0	0.030	on grass ga.
16	09	07	56° 8'	45° 5'	43° 9'	66° 7'	353	270	76	89	WNW	1	0	0	0.030	on grass ga.
17	06	06	52° 6'	52° 2'	36° 0'	66° 7'	323	328	81	84	WNW	1	0	0	0.030	on grass ga.
18	05	30° 03	55° 7'	52° 1'	47° 2'	63° 7'	343	288	77	74	WNW	1	0	0	0.030	on grass ga.
19	30° 09	29° 01	48° 1'	51° 9'	43° 9'	60° 9'	303	308	91	80	WNW	1	0	0	0.030	on grass ga.
20	29° 06	29° 03	47° 2'	43° 3'	42° 2'	52° 7'	308	291	96	68	WNW	1	0	0	0.030	on grass ga.
21	29° 07	29° 07	41° 9'	39° 8'	36° 3'	51° 9'	210	235	80	96	WNW	1	0	0	0.030	on grass ga.
22	30° 03	30° 01	40° 8'	45° 0'	32° 7'	51° 8'	219	233	87	78	WNW	1	0	0	0.030	on grass ga.
23	05	10	45° 1'	35° 1'	34° 8'	50° 6'	254	181	85	88	WNW	1	0	0	0.030	on grass ga.
24	12	17	43° 1'	37° 1'	34° 7'	49° 5'	248	213	89	96	WNW	1	0	0	0.030	on grass ga.
25	17	15	42° 2'	40° 6'	33° 3'	46° 2'	231	201	87	80	WNW	1	0	0	0.030	on grass ga.
26	13	16	38° 6'	40° 2'	37° 0'	43° 8'	201	172	86	69	WNW	1	0	0	0.030	on grass ga.
27	18	14	40° 1'	37° 0'	34° 3'	42° 1'	158	186	63	85	WNW	1	0	0	0.030	on grass ga.
28	11	10	41° 0'	39° 8'	28° 9'	43° 9'	213	195	83	80	WNW	1	0	0	0.030	on grass ga.
29	30° 08	29° 05	43° 0'	42° 4'	38° 7'	48° 4'	213	254	77	94	WNW	1	0	0	0.030	on grass ga.
30	29° 02	29° 01	45° 8'	42° 1'	37° 1'	50° 5'	248	264	81	98	WNW	1	0	0	0.030	on grass ga.
31	29° 58	29° 00	46° 0'	42° 7'	41° 0'	54° 3'	287	239	93	87	WNW	1	0	0	0.030	on grass ga.
Means	29° 035	29° 035	43° 7'	42° 3'	36° 7'	51° 0'	252	240	87.2	88.1	WNW	1.5	1.4	5.5	1.230	on grass ga.

## CHELTENHAM.

Height above Mean Sea Level, 184 feet. Long. 2° 3' W. Lat. 51° 54' N.

MARCH 1884.

1	30°04	30°07	37°0	36°6	32°1	42°6	176	161	80	75	SE	2	SE	1	8	8	—	
2	30°11	30°07	36°1	25°6	25°6	42°8	191	135	90	98	NW	1	E	1	4	1	080	Very fine and bright. [op. U U]
3	29°08	29°06	36°9	41°8	25°6	48°7	212	250	97	95	SE	6	S	1	10	0	900	Squally a. all day. (mist)
4	29°49	29°02	47°2	39°6	39°6	51°2	308	229	96	94	S	6	SW	5	10	10	100	all day.
5	30°10	30°06	42°4	33°2	33°0	49°8	225	181	83	96	W	3	W	1	0	0	010	Fine and bright.
6	30°17	30°06	40°6	44°9	28°0	52°0	244	253	97	85	Calm	0	S	2	6	8	—	Fine and bright.
7	29°03	29°07	42°0	43°2	37°2	46°6	247	253	93	90	S	4	S	3	9	8	—	Fine and bright.
8	77	57	41°8	40°2	34°5	45°8	241	211	92	85	S	2	S	2	10	10	020	Dull a. Fine p.
9	54	33	41°0	42°2	31°8	48°8	214	241	83	89	SW	1	SE	6	5	10	410	Very bright and fine. at night.
10	21	36	37°0	39°6	34°8	46°7	215	221	97	91	Calm	0	S	2	8	5	100	early a. Fine and bright day. U
11	33	51	36°7	39°1	35°7	45°0	218	226	100	95	NE	1	SE	2	10	8	010	Fine from 11a. U U
12	66	29°08	42°2	44°2	33°2	50°7	229	274	86	95	S	3	S	4	2	10	100	2.30p.—7.30 p.
13	29°07	30°01	50°0	51°0	43°2	55°7	317	204	88	79	S	6	S	5	10	10	020	Fine a. showers p.
14	30°03	30°04	50°6	50°5	47°4	58°0	319	289	87	79	S	6	S	6	9	1	—	Very fine, bright and windy.
15	04	30°03	53°6	50°8	44°0	63°8	316	345	76	93	S	5	S	1	4	0	—	Brilliant and very warm.
16	30°00	29°08	56°2	53°0	46°8	65°0	346	302	76	75	S	5	S	4	2	0	—	Brilliant and very warm.
17	29°09	30°00	57°0	53°2	47°5	63°0	339	366	73	91	S	3	S	2	6	9	030	Bright a. Dull p.
18	30°03	30°08	53°4	48°9	48°9	58°6	361	316	88	92	S	3	SW	3	7	0	—	Very fine and bright.
19	30°09	29°08	48°6	50°6	44°1	55°7	295	307	87	83	SW	3	S	4	5	9	—	Very fine and bright a. Wood anemones
20	29°03	29°01	44°5	41°8	40°5	50°6	232	230	79	87	W	5	W	4	2	5	040	(and willow in flower. Damson in bloom.
21	30°04	30°10	43°3	35°2	34°6	50°0	224	197	80	96	NW	3	NW	1	5	0	010	▲ noon.
22	08	03	43°6	48°0	29°5	51°2	244	309	86	93	NW	1	S	2	10	10	—	
23	15	18	43°8	34°8	34°8	50°9	238	190	83	94	N	2	NW	1	6	0	—	Very fine and bright.
24	21	16	40°9	41°6	27°0	52°8	221	216	87	82	NW	1	W	4	1	0	—	Very bright and fine.
25	16	13	40°3	43°4	36°2	48°4	208	206	84	73	SE	2	SE	1	5	10	—	Fine and bright.
26	11	15	40°0	39°6	34°0	44°0	205	209	83	86	E	2	NE	1	10	10	—	Dull and gloomy all day.
27	20	14	37°6	39°8	37°0	41°3	180	195	80	80	NE	2	E	1	10	10	—	Dull and gloomy all day. [bloom. Plums in
28	12	11	39°2	40°4	35°5	43°4	204	208	85	83	E	2	E	1	10	10	—	Dull and gloomy all day. [bloom. Pears in
29	30°07	29°08	40°6	41°0	37°5	45°4	222	230	88	90	NE	1	NE	1	10	10	—	Hawthorn fully out.
30	29°05	29°06	43°9	42°6	30°2	47°0	219	238	76	86	NE	2	W	1	1	10	—	
31	29°44	29°45	44°5	40°3	36°2	45°2	260	241	89	97	S	5	S	4	10	6	530	11a.—noon. Bright p.
Means	29°024	29°010	43°6	42°5	36°3	50°3	247	243	86.1	88.0	2.8	2.5	6.6	6.1	2.450			

## CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long. 4° 18' W. Lat. 51° 52' N.

MARCH 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	37° 0	36° 0	33° 5	40° 7	in.	in.	77	88	SE	2	E	1	10	ins.	
2	30° 00	30° 04	37° 0	36° 0	33° 5	40° 7	169	186	77	88	SE	2	E	1	10	0° 50	
3	30° 11	30° 01	37° 5	39° 8	35° 1	45° 0	189	172	85	70	Calm	0	SE	1	10	0° 630	
4	29° 01	29° 01	44° 5	43° 0	38° 3	52° 2	275	255	94	92	SE	4	E	1	10	1° 320	
5	29° 39	29° 29	46° 5	42° 8	38° 8	47° 5	302	231	96	84	Calm	0	NW	3	10	1° 050	
6	30° 13	30° 26	43° 5	40° 5	35° 9	51° 4	223	223	79	89	Calm	0	NW	1	0	—	
7	30° 20	29° 09	45° 9	45° 0	37° 3	51° 5	286	238	93	79	SW	1	SW	2	9	8	
8	29° 07	29° 02	45° 9	44° 6	43° 2	47° 5	242	251	79	86	S	3	S	1	10	—	
9	75	45	43° 2	42° 0	38° 7	48° 4	230	242	82	91	N	1	W	2	10	0° 350	
10	53	20	46° 9	43° 1	33° 0	49° 7	211	243	66	87	Calm	0	SE	4	0	0° 710	
11	27	32	43° 8	34° 3	32° 8	47° 1	212	170	73	85	Calm	0	S	1	1	8	
12	33	48	39° 2	39° 2	31° 0	49° 2	171	191	72	80	E	1	S	1	0	—	
13	57	74	47° 9	46° 4	37° 0	52° 4	227	275	69	88	S	4	S	3	8	8	
14	90	91	48° 1	48° 3	46° 4	51° 6	302	323	90	96	S	3	SW	5	10	0° 250	
15	93	95	49° 6	49° 3	47° 8	52° 3	331	365	94	76	SW	6	W	3	10	—	
16	95	94	54° 8	51° 8	46° 0	60° 0	367	325	63	84	SE	1	SE	1	10	0° 080	
17	92	92	57° 9	55° 1	50° 1	64° 7	355	302	70	79	SE	1	Calm	0	3	0	
18	29° 03	29° 09	55° 3	48° 7	47° 3	59° 4	322	325	74	95	SE	3	SW	1	9	10	
19	30° 01	30° 07	50° 3	46° 5	45° 5	52° 3	317	290	88	93	SW	3	SW	1	10	9	
20	30° 07	29° 08	46° 4	45° 0	44° 1	53° 0	298	227	94	76	SW	2	SW	3	10	0	
21	29° 06	29° 05	45° 0	42° 0	38° 3	48° 8	192	200	64	76	W	5	W	4	3	5	
22	30° 10	30° 10	47° 5	41° 0	39° 3	50° 9	224	330	69	90	NW	3	NW	2	4	0	
23	04	11	46° 5	42° 7	39° 3	52° 2	246	243	79	88	SW	3	SW	1	5	0	
24	16	16	47° 9	39° 8	38° 3	53° 8	229	204	60	84	N	1	N	1	2	0	
25	16	13	45° 9	40° 2	31° 5	55° 1	214	214	70	87	E	1	Calm	0	2	0	
26	12	10	45° 7	41° 2	39° 7	50° 2	237	174	78	67	SE	1	SE	2	10	0	
27	09	14	43° 2	40° 5	34° 8	47° 5	187	179	67	71	E	2	E	2	2	10	
28	16	12	42° 0	38° 0	36° 9	45° 6	174	156	67	67	E	3	E	2	8	10	
29	10	30° 08	41° 0	40° 0	36° 4	43° 5	168	168	65	67	E	2	E	1	10	10	
30	30° 07	29° 06	40° 5	41° 0	38° 0	44° 3	180	188	71	74	E	1	E	1	10	10	
31	29° 05	29° 06	43° 0	39° 6	38° 0	50° 1	206	196	75	81	Calm	0	E	2	10	10	
32	29° 40	29° 17	37° 7	46° 7	36° 6	49° 4	204	289	90	92	S	1	S	6	10	10	
Means	29° 090	29° 071	45° 5	42° 9	39° 0	50° 6	238	231	77° 5	82° 6	1° 9		1° 9		7° 0	6° 5	6° 440
																	● 2 showers.



## MARGATE.

Height above Mean Sea Level, 83 feet. Long. 1° 24' E. Lat. 51° 24' N.

MARCH 1884.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	37°	33°	33°	39°	in.	in.	%	%	NNE	1	7	9	ins.	
2	30°01	30°04	37°	34°	32°	43°	158	160	72	83	N	1	9	0	—	Fine and sunny.
3	30°01	29°52	38°	42°	29°	43°	196	241	85	87	S	1	10	10	0°50	Dull.
4	29°76	29°50	45°	49°	41°	52°	265	313	88	90	S	4	10	10	—	
5	30°09	30°25	42°	40°	36°	50°	218	214	80	85	W	3	10	10	—	
6	30°23	30°11	40°	43°	39°	47°	234	252	93	90	W	1	10	10	—	Fine and sunny. Very pretty sunset.
7	29°99	29°92	43°	40°	36°	47°	255	246	89	99	SE	1	10	10	—	
8	84	67	42°	41°	37°	47°	254	233	91	91	Calm	0	10	10	—	U p. before ga.
9	54	55	42°	40°	37°	49°	250	225	91	91	SSW	1	10	6	0°50	U in past n.
10	23	47	46°	38°	38°	51°	287	200	93	88	S	4	10	10	—	Dull.
11	12	54	42°	42°	38°	46°	276	233	100	84	NE	3	10	10	—	
12	29°69	29°94	44°	41°	39°	47°	231	262	80	99	NE	1	10	2	0°10	
13	30°11	30°18	48°	46°	40°	54°	308	289	90	91	SSW	3	9	1	—	
14	20	15	49°	50°	44°	58°	294	295	84	81	S	2	7	0	—	
15	16	12	55°	53°	45°	63°	345	355	80	87	S	1	0	0	—	Beautiful day.
16	09	07	53°	52°	47°	64°	313	297	77	76	S	1	0	0	—	
17	08	09	54°	52°	46°	64°	313	292	74	74	S	1	0	1	—	
18	10	30°11	55°	50°	47°	65°	334	269	76	74	SSW	2	4	8	—	Pretty sunset.
19	30°14	29°98	50°	46°	45°	57°	316	289	86	94	W	2	10	2	—	U p.
20	29°96	29°93	47°	41°	41°	57°	204	182	63	70	W	3	3	0	—	
21	29°93	30°02	41°	44°	38°	50°	208	202	80	69	NW	3	9	0	—	
22	30°08	08	43°	42°	39°	50°	225	236	81	88	NW	2	1	2	—	Cooler.
23	09	13	43°	43°	41°	51°	245	210	85	76	NW	1	10	7	—	Fine.
24	14	17	45°	42°	41°	46°	212	219	71	82	N	2	1	3	0°20	
25	14	13	43°	40°	39°	46°	208	212	75	83	NE	2	10	10	—	
26	09	11	39°	41°	37°	42°	200	181	82	70	E	3	10	10	—	Very dull and cold.
27	16	12	38°	38°	37°	41°	160	200	69	85	E	3	10	10	—	Very dull.
28	10	30°08	40°	42°	37°	44°	190	198	75	75	E	1	10	10	—	Very dull.
29	30°05	29°94	43°	43°	41°	47°	185	254	65	89	E	2	9	0	—	
30	29°83	71	42°	44°	36°	48°	266	270	97	91	N	1	10	10	—	Beautiful mackerel sky. Pretty U p.
31	29°58	29°63	40°	46°	43°	57°	254	258	72	84	SE	2	10	10	—	
Means	29°954	29°966	44°8	43°6	39°6	51°0	245	241	81°8	84°3	1°9	1°6	7°0	5°2	1°010	

## SOUTHAMPTON.

Height above Mean Sea Level, 78 feet. Long. 1° 24' W. Lat. 50° 55' N.

MARCH 1884.

1	30°04	30°06	37°0	37°1	31°1	45°2	*175	181	80	82	NE	2	NE	2	4	0	—	Fine day throughout.
2	30°12	30°10	37°7	34°8	32°5	47°1	*194	150	86	75	SE	2	NE	1	7	0	0°45	Beautiful day.
3	29°89	29°71	40°7	47°3	29°5	47°6	*235	319	92	98	SE	3	SSE	3	10	10	1°325	most of day.
4	29°62	29°72	46°6	42°9	42°4	52°2	*303	226	96	83	S	3	W	5	10	10	1°198	till 11.30a.
5	30°13	30°27	45°3	40°2	37°8	53°2	*247	220	82	89	W	2	NNW	2	0	0	—	Fine day throughout.
6	30°25	30°11	36°8	42°9	30°8	55°2	*212	256	98	93	W	1	SW	2	2	8	—	early a. Fine and clear
7	29°98	29°91	41°1	42°7	35°6	49°0	*260	250	99	91	S	1	SW	2	10	0	—	ga. U <sup>2</sup> 9p. [from 11.30a.]
8	81	65	42°6	40°9	34°8	48°7	*260	236	95	93	SSE	1	SW	2	7	0	1°130	
9	60	43	43°7	45°6	37°5	51°6	*242	248	85	81	SW	2	SE	4	7	10	1°330	Beautiful morning.
10	23	41	43°9	43°3	40°8	51°3	*256	256	89	92	SE	2	SE	1	4	10	2°50	1a.—6.30a. U <sup>2</sup> 9.45p.
11	31	52	40°2	41°9	38°2	45°0	*228	246	92	93	N	4	SSE	1	10	10	—	Fine day.
12	29°68	29°88	39°1	46°7	33°6	52°7	*231	281	97	89	E	1	S	4	5	6	—	Fine day throughout.
13	30°06	30°11	50°8	50°8	46°2	54°4	319	299	86	80	SW	4	S	5	10	8	—	Fine day throughout.
14	13	09	51°8	48°0	47°0	59°4	*316	297	82	90	SW	4	SW	3	6	9	—	Fine day throughout.
15	09	06	53°8	50°1	45°2	60°6	*342	331	82	91	SW	2	SW	1	1	0	—	Fine day throughout.
16	04	03	55°0	49°0	47°0	62°4	*339	298	79	86	SE	2	SE	1	0	0	—	Fine day throughout.
17	04	09	55°0	51°6	43°1	61°6	*347	338	80	88	E	1	SE	1	2	0	—	Fine day throughout.
18	09	13	51°6	49°8	46°5	60°1	*368	335	97	93	SW	2	SE	1	10	0	—	
19	14	00	46°9	47°0	45°4	57°6	*299	318	94	99	SW	2	SW	2	10	0	0°40	
20	01	01	47°8	43°2	41°0	51°0	*256	236	78	85	W	4	W	3	1	10	—	Fine day throughout.
21	02	12	47°4	41°1	39°2	55°9	*229	211	71	83	NW	5	W	2	6	0	—	Fine all day.
22	11	10	42°9	44°5	36°5	50°6	*256	277	93	94	NW	1	W	1	9	0	0°20	
23	15	15	46°1	42°7	40°2	54°6	*232	230	75	84	N	2	W	1	4	0	—	Fine day.
24	18	16	46°3	43°1	33°3	55°6	*258	224	83	80	NE	1	WSW	2	0	0	—	early a. Fine day.
25	17	11	40°9	41°7	31°6	49°7	*227	205	89	78	NE	3	NE	2	6	0	—	early a. Fine day.
26	07	11	40°7	40°7	38°1	47°6	*217	200	86	79	NE	4	NE	3	10	10	—	
27	14	12	40°6	39°1	38°3	43°6	*170	166	67	70	NE	4	ENE	2	10	10	—	Cold wind.
28	10	30°07	38°8	40°7	36°5	43°6	*196	183	84	72	NE	1°5	NE	2	10	10	—	Dull and dry.
29	30°02	29°94	43°9	39°9	38°8	52°4	*217	198	76	80	ENE	2°5	NNE	2	10	0	—	Fine and pleasant day.
30	29°85	72	43°2	46°1	37°1	52°5	*228	262	82	84	NNE	2	SW	1°5	10	10	0°02	Fine and very pleasant.
31	29°53	29°53	47°0	44°5	43°3	51°0	*275	277	86	94	S	2	SE	3°5	10	10	0°50	showers.
Means	29°954	29°949	44°7	43°9	38°7	52°5	*256	250	85°8	86°1	2°4		2°2		6°5	4°5	2°390	

MARCH 1884.

## ST. LEONARDS.

Height above Mean Sea Level, 116 feet. Long. 0° 33' E. Lat. 50° 51' N.

MARCH 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	35°	36°	32°	44°	in.	in.	%	%	NNE	2	NE	2	2	8	ins.
2	30°02	30°05	35°6	36°7	34°9	45°2	172	173	82	79	NNE	2	NE	2	2	8	ins.
3	30°05	30°10	36°6	37°5	34°9	45°2	185	173	85	77	N	3	N	1	7	0	early a.
4	29°99	29°81	41°0	43°5	33°3	44°5	183	271	71	96	SE	5	SSE	5	10	10	Overcast all day.
5	29°73	29°75	44°6	46°5	43°5	50°7	274	274	94	88	SSE	6	SSW	5	10	10	from noon.
6	30°13	30°25	42°3	43°0	37°5	51°6	230	232	86	83	W	2	WNW	1	0	1	Overcast all day.
7	30°13	30°25	42°3	43°0	37°5	51°6	230	232	86	83	W	2	WNW	1	0	1	Very fine day.
8	25	30°10	45°1	42°6	36°8	47°6	224	242	75	89	NW	1	Calm	0	2	3	Fine day.
9	30°01	29°92	43°6	42°6	37°0	49°0	266	242	93	89	ESE	1	Calm	0	1	10	9p.
10	29°85	66	44°1	43°7	41°0	48°5	256	258	88	90	ESE	1	SW	2	10	10	9a.
11	55	53	43°9	44°7	41°1	50°7	247	249	86	84	WNW	3	SW	3	3	5	Overcast day.
12	28	46	42°6	44°5	40°9	49°0	260	255	94	87	W	3	S	1	10	7	at night.
13	15	53	40°6	42°8	40°0	45°8	244	249	97	91	N	4	Calm	0	10	10	782
14	29°70	29°94	43°2	45°7	41°1	48°0	247	272	89	89	NNW	1	SW	3	10	0	Overcast all day.
15	30°12	30°18	46°7	47°8	45°6	50°1	298	298	94	90	S	2	SE	2	7	8	9p.
16	20	14	47°7	51°0	46°4	54°0	297	306	90	82	SSE	3	SSE	2	8	1	Very fine.
17	16	12	54°0	54°0	48°0	60°0	327	322	78	77	Calm	0	SE	1	7	0	Very fine.
18	09	06	53°5	53°3	49°3	58°4	300	298	73	74	ESE	2	ESE	2	0	0	Very fine.
19	09	11	55°1	50°6	46°1	56°3	313	322	72	88	ESE	1	Calm	0	0	0	Fine day.
20	12	14	52°2	47°2	47°2	55°1	328	300	84	93	SSW	1	W	2	2	0	Fine day.
21	16	30°04	46°7	44°4	44°2	49°5	317	285	99	98	SW	1	SW	2	10	5	Overcast with .
22	30°01	29°95	46°0	44°0	40°7	51°0	238	216	77	82	W	3	W	3	1	7	010
23	29°97	30°07	44°3	40°6	38°1	52°4	216	199	73	78	NW	4	NW	2	4	0	—
24	30°10	10	46°7	43°7	34°9	49°0	227	260	72	91	NW	1	WNW	2	1	9	—
25	11	14	47°3	44°4	43°2	53°0	244	236	75	81	NW	2	NE	2	5	0	—
26	15	17	47°7	42°2	41°2	54°2	232	214	71	81	NNE	2	N	2	0	0	006
27	14	11	42°1	41°3	34°6	50°9	236	220	88	85	NNE	3	NNE	3	7	7	060
28	08	09	40°1	41°3	38°3	43°9	208	211	84	81	ENE	2	NE	3	10	10	—
29	13	12	39°0	38°6	38°6	42°9	198	198	75	85	NE	3	NE	2	10	10	—
30	10	30°06	39°1	41°7	37°8	44°0	200	209	84	80	NNE	2	NE	3	10	10	—
31	30°03	29°93	46°7	42°1	40°9	51°3	219	228	70	85	ENE	3	E	3	1	0	Overcast all day.
32	30°82	72	42°9	46°7	39°8	51°8	246	261	89	82	N	3	NW	2	10	10	Fine day.
33	29°56	29°61	47°1	47°0	45°3	50°5	286	280	89	87	SE	4	S	2	10	2	—
Means	29°962	29°967	44°8	44°3	40°6	50°1	248	250	83°2	85°2	2°4	2°0	5°7	4°9	1°772	9p.	



## BABBACOMBE.

Height above Mean Sea Level, 293 feet. Long. 3° 31' W. Lat. 50° 29' N.

MARCH 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	40°8	38°6	38°3	42°3	in.	in.	70	83	E 3	ENE 3	10	10	ins.	(mist) a. Dull day.
2	29°99	30°05	37°8	40°3	35°7	44°6	1°83	2°09	81	84	NE 2	SE 2	10	10	0°10	(mist) a. [gale] mid-day.
3	29°76	29°67	44°1	46°3	40°1	50°9	2°89	3°09	100	99	S 5	Calm	10	10	1°380	(mist) a. and p. 100a.—10.45a.
4	29°46	29°85	47°1	41°8	41°7	49°4	3°17	2°25	98	85	SSE 6	WNW 3	10	1	0°50	2 <sup>nd</sup> on grass p. [U 7.15p.—10p.
5	30°18	30°32	45°8	38°0	37°0	52°7	2°41	2°08	79	91	WSW 2	W 1	1	1	—	1 <sup>st</sup> to 8a. D <sup>2</sup> (mist) a. and p.
6	30°27	30°10	43°6	41°0	35°6	54°0	2°39	2°39	84	94	Calm	SSW 1	8	8	—	D <sup>2</sup> n. and p. U <sup>0</sup> 7.15p.—8.30p. U <sup>0</sup> 9p.—10p.
7	29°93	29°88	48°2	42°3	40°0	51°6	2°43	2°27	73	85	S 3	SSE 2	5	7	1°00	(mist) a. O <sup>0</sup> 3p.—3.10p.
8	29°78	29°61	42°8	41°2	41°2	52°3	2°55	2°24	93	87	SW 1	SW 3	10	10	1°10	Δ 3p. and 4.50p. U <sup>0</sup> 7p.—7.30p. (mist) p.
9	29°61	29°30	45°0	45°7	35°8	50°0	2°58	2°72	79	89	SW 3	S 6	1	10	1°380	U <sup>0</sup> 7p.—mid. D <sup>2</sup> (mist) p.
10	29°29	29°36	42°9	39°0	35°3	48°5	2°20	2°19	80	93	W 2	SSW 1	1	10	1°120	A pinkish mist covered the sky near [and below the sun from the 1st—12th.
11	29°38	29°51	40°6	39°5	37°0	51°3	2°22	2°16	88	90	WNW 2	SSW 2	9	8	—	(gale) (mist) a.
12	29°64	29°84	48°3	46°5	35°9	51°4	2°31	2°83	69	91	S 3	SSW 4	4	9	0°10	D <sup>2</sup> n. and p. Fine day.
13	30°00	30°04	49°7	49°7	46°2	51°5	3°13	2°74	88	78	S 6	S 6	10	10	0°10	D <sup>2</sup> n. and p. Very fine.
14	30°06	30°02	51°6	47°3	47°3	57°7	3°12	2°92	81	90	S 5	SSW 2	9	1	—	(mist) a. O <sup>0</sup> 4.50p.—2.15p. D <sup>2</sup> n.
15	30°03	30°02	52°3	47°8	45°7	55°9	3°25	3°17	83	95	ENE 2	NE 2	3	1	—	noon—3p. D <sup>2</sup> (mist) p.
16	29°97	29°98	54°2	48°8	47°5	57°6	3°31	3°12	78	91	SSE 3	ESE 2	1	1	—	(mist) a. [sun 2p.—5p.
17	29°09	29°06	51°9	51°0	47°4	59°5	3°31	3°53	86	94	S 4	SW 3	8	10	0°30	Squally p. Sky pinkish yellow near
18	30°08	30°14	52°0	47°9	47°9	56°9	3°38	3°16	87	95	WSW 3	SSW 2	8	4	—	D <sup>2</sup> n. and p. [2p.—2.30p.
19	30°14	29°97	49°1	47°6	42°8	53°0	3°16	3°18	91	97	SSW 2	SW 5	8	10	0°30	U <sup>0</sup> till 7.30a. (mist) a. O <sup>0</sup>
20	30°07	29°59	45°9	40°3	40°0	51°7	2°25	2°06	74	83	W 4	W 5	2	3	0°10	Very gloomy 5.30p.—6.15p. (mist)
21	30°13	29°58	46°6	38°1	38°1	51°8	2°10	2°00	66	87	NW 4	WSW 1	1	1	—	D <sup>2</sup> n. and p.
22	30°12	29°53	49°5	42°0	38°0	51°9	2°53	2°49	72	94	W 2	S 2	9	1	0°10	D <sup>2</sup> in past n.
23	30°19	29°58	48°1	42°1	41°0	55°5	2°46	2°22	73	83	NW 2	NW 2	6	2	—	U <sup>0</sup> till 7.30a. (mist) a. O <sup>0</sup>
24	30°20	29°56	46°4	44°7	31°9	54°8	2°30	2°55	74	86	NE 1	W 3	2	8	—	U <sup>0</sup> 9.30a.—2p. (mist) p. [p.
25	30°09	29°51	45°1	44°0	40°2	46°6	2°38	2°19	80	69	ESE 3	E 4	10	10	—	Very gloomy 5.30p.—6.15p. (mist)
26	30°06	29°48	40°8	41°0	39°4	44°0	2°08	2°01	82	78	ENE 4	ENE 5	9	10	—	Dull day.
27	30°10	29°50	40°0	39°5	39°4	42°8	1°88	1°66	76	69	E 5	ENE 4	10	10	—	[D <sup>2</sup> on grass p.
28	30°04	29°54	40°3	41°0	39°0	41°8	1°78	1°99	71	78	E 4	ENE 4	10	10	—	U <sup>0</sup> 1p.—3p. (mist) a. and p.
29	30°01	29°55	41°0	42°8	40°0	48°0	1°99	2°03	78	73	NE 4	NE 4	10	7	—	* 8p. Squally p. [gale]
30	29°86	29°73	43°2	38°5	38°5	48°4	2°15	2°04	78	88	NE 1	SSW 2	10	1	0°30	[11p.—mid.
31	29°45	29°39	44°1	46°9	37°0	46°9	2°60	3°08	89	97	SSW 5	SSE 6	10	1	0°680	
Means	29°936	29°932	45°8	43°3	40°0	50°8	2°52	2°46	81°2	87°0	3°1	3°0	6°9	6°6	3°180	

## ST. AUBIN'S, JERSEY.

Height above Mean Sea Level, 139 feet. Long. 2° 10' W. Lat. 49° 11' N.

MARCH 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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	30°03	30°06	40°0	41°1	35°4	42°8	1°53	1°91	62	75	E 3	E 3	3	7	—	Fine, dry, and cold. Very cloudy p.
2	30°11	30°13	41°0	41°5	38°2	42°8	1°97	1°97	77	75	Calm	E 1	10	3	0°009	Gloomy day.
3	29°98	29°79	42°2	46°8	39°4	47°8	2°27	2°18	85	99	S 4	S 4	10	10	0°620	Squally a. and p.
4	29°65	29°65	47°1	45°4	44°7	51°9	3°00	2°40	93	80	SE 3	NW 2	9	3	0°006	Squally a. Gloomy at times.
5	30°23	30°34	51°5	41°4	41°1	55°2	2°56	2°31	68	89	NW 1	Calm	0	0	—	D <sup>2</sup> a. Day extremely fine. D <sup>0</sup> p. [p.
6	30°16	30°16	50°4	41°6	39°3	53°9	2°28	2°38	78	91	Calm	NW 1	2	0	0°003	early a. Extremely fine. D <sup>0</sup> p.
7	30°01	29°93	49°4	43°0	39°9	50°9	2°06	2°11	75	77	SW 1	Calm	0	5	—	D <sup>2</sup> a. Day extremely fine. U <sup>0</sup> D <sup>0</sup> p.
8	29°88	29°74	46°7	44°2	41°9	49°3	2°42	2°50	77	86	SSE 1	SW 3	9	7	1°130	Fine day. Squally 9p. U <sup>0</sup> at times.
9	29°70	29°50	50°4	47°1	41°1	51°7	2°41	2°72	66	84	NW 1	S 3	3	10	1°350	Squally n. and a. Bar. 29°31 6a.
10	29°58	29°40	46°0	47°1	40°7	52°0	2°25	2°67	73	83	W 3	SE 2	7	10	0°620	Bar. 29°27 6a. Day overcast. [Fine day.
11	29°39	29°55	45°0	43°3	39°1	48°1	2°68	2°52	90	90	Calm	Calm	0	10	0°10	D <sup>2</sup> a. and p. Fine a. O <sup>0</sup> p.
12	29°74	29°99	46°8	47°2	41°0	53°0	2°75	2°85	86	89	SW 2	SW 3	8	1	—	D <sup>2</sup> a. Extremely fine. U <sup>0</sup> at times.
13	30°15	30°19	50°3	49°2	44°6	56°6	3°06	2°98	84	86	S 3	S 2	1	8	—	early a. Extremely fine. [roaring p.
14	30°19	30°12	50°1	53°2	46°0	56°8	2°90	3°13	80	77	SE 2	S 1	8	1	—	D <sup>2</sup> a. Extremely fine and mild. Sea
15	30°09	30°06	53°3	55°2	46°4	60°0	3°18	3°28	78	75	E 2	E 1	3	0	—	Extremely fine. Lizards and glow-
16	30°05	30°03	53°2	53°0	48°8	58°2	2°97	3°17	73	79	SE 2	SE 2	0	0	—	Extremely fine. [worms seen. D <sup>0</sup> p.
17	30°08	30°13	51°7	54°0	49°3	60°1	3°03	3°20	79	76	SE 2	S 2	6	1	—	D <sup>2</sup> a. O <sup>0</sup> at times. 3p. D <sup>0</sup> p.
18	30°15	30°23	54°4	48°2	47°4	60°2	3°19	3°12	75	93	SE 1	NW 1	4	4	0°004	Damp 3p. O <sup>0</sup> p. D <sup>0</sup> p.
19	30°22	30°16	52°1	45°5	44°2	53°9	2°37	2°25	62	74	NW 2	W 3	3	2	0°018	Extremely fine. Cool breeze p.
20	30°18	30°10	50°0	44°4	41°1	53°7	2°12	2°19	59	74	NW 3	NW 1	2	0	0°006	early a. Extremely fine.
21	30°18	30°17	48°7	46°0	38°7	52°9	2°45	2°74	71	89	Calm	Calm	0	9	0°000	showers a. Warm and sunny p.
22	30°20	30°19	50°3	42°8	42°3	53°7	2°31	2°38	85	87	NW 1	Calm	0	9	—	D <sup>2</sup> a. and p. O <sup>0</sup> p. Very fine p. Wry-
23	30°20	30°18	49°8	45°5	41°1	54°7	2°49	2°29	70	75	NNE 2	NE 2	0	0	—	neck seen. D <sup>0</sup> p.
24	30°16	30°08	46°3	44°2	39°5	49°3	2°22	2°17	71	64	E 2	E 2	2	8	—	D <sup>2</sup> a. Extremely fine. D <sup>0</sup> p.
25	30°03	30°04	46°2	44°4	41°0	48°8	2°27	2°02	73	69	ENE 3	E 3	4	10	—	O <sup>0</sup> at times all day. Fair with cold
26	30°07	30°07	43°0	42°0	40°3	44°7	2°15	1°93	78	73	EbyN 3	NE 3	10	10	—	Fine and dry, with cold wind. [breeze.
27	30°06	30°01	43°3	42°4	38°1	47°0	1°62	2°03	57	75	E 3	E 2	8	2	—	Gloomy all day, with cold wind.
28	29°95	29°88	48°2	46°8	40°2	52°8	2°57	2°55	77	80	ENE 3	NE 2	2	10	0°022	Dry, with cold wind.
29	29°84	29°77	46°8	47°0	45°0	53°7	2°30	2°98	94	93	NE 2	Calm	0	10	0°013	Very fine till 3p. then overcast.
30	29°62	29°59	47°5	50°0	43°6	54°8	2°74	2°69	83	75	SW 2	SW 3	9	10	—	O <sup>0</sup> at times. Squally 9p.
Means	29°998	29°990	48°0	46°2	42°1	52°3	2°58	2°56	76°7	81°3	1°8	1°7	5°5	5°0	1°880	

Earth temperature: Mean of 10 readings (every third day) at 1 foot 48°°7, 3 feet 47°°3, 6 feet 49°°6.

## LONDONDERRY.

Height above Mean Sea Level, 93 feet. Long. 7° 19' W. Lat. 55° 0' N.

MARCH 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	41°7	42°7	38°0	50°0	in.	in.	70	83	S	SSE	1	9	10	ins.	Fine day.	
2	29°95	29°87	42°1	41°7	40°0	46°0	2°27	2°57	87	93	SE	1	SW	3	10	10	450	● till 1p. ▲ ● showers in afternoon.
3	29°39	29°36	44°7	39°3	38°0	49°3	2°28	2°17	94	91	SE	1	Calm	0	10	0	060	Fine and clear.
4	29°71	29°79	36°7	40°5	31°8	48°3	2°06	2°22	95	89	W	1	WSW	1	10	1	010	● nearly all day.
5	30°03	30°12	41°7	46°5	36°2	50°0	2°27	2°91	87	93	WSW	1	S	1	10	8	040	● nearly all day.
6	29°96	29°72	44°9	46°7	43°2	49°8	2°54	2°96	86	93	SW	4	SW	4	10	10	280	● nearly all day.
7	73	73	45°3	42°3	40°0	51°0	2°77	2°44	92	91	W	1	W	1	10	10	—	● nearly all day.
8	72	29°28	39°5	37°4	34°2	45°5	1°83	1°94	76	87	S	1	S	5	0	10	010	Fine and clear.
9	34	28°91	38°2	39°7	33°0	47°3	1°78	2°12	77	87	WSW	3	S	5	2	10	290	Fine day. 6p.—8p.
10	08	29°17	35°7	33°7	31°6	41°8	1°58	1°57	75	82	S	2	SW	3	0	0	010	* showers in afternoon.
11	25	27	37°1	39°7	30°0	41°8	1°47	2°00	66	81	SSE	3	SW	4	10	2	—	—
12	38	46	42°7	44°2	38°0	51°0	2°36	2°40	86	82	S	2	SW	3	2	10	130	Pair till 2p. ● 2 showers in the evening.
13	53	55	49°7	49°7	41°0	53°9	2°16	2°88	89	81	S	1	SW	3	10	1	160	● nearly all day. Fine evening.
14	57	69	52°0	49°7	46°8	57°5	2°96	2°88	76	81	S	4	SW	4	10	10	110	● showers during the day. Fine evening.
15	78	86	51°2	50°7	47°8	57°3	3°40	3°00	91	81	S	2	S	1	9	1	—	—
16	82	78	55°7	52°7	47°8	64°8	3°18	3°25	71	81	SE	2	SW	1	8	9	040	—
17	80	81	51°7	48°0	41°5	57°1	3°49	2°70	91	81	S	2	W	2	10	0	080	—
18	58	82	49°2	45°1	41°5	54°0	3°00	2°50	88	83	SW	3	NE	4	9	10	160	Squally 1/2 ▲ ● 2 in evening.
19	88	32	46°7	44°2	36°1	54°5	2°75	2°13	87	73	SW	1	SW	6	10	4	190	Fine a. Overcast, with 1/2 p.
20	94	29°83	43°2	40°6	37°2	46°0	2°02	2°16	73	86	W	3	N	3	4	10	200	Squally 1/2 ● at times.
21	30°05	30°05	45°2	44°0	38°0	50°0	2°11	2°59	70	90	NW	2	Calm	0	7	8	—	—
22	29°88	29°88	45°7	39°7	39°0	48°8	2°78	2°07	91	84	SSW	2	S	1	10	0	060	—
23	30°18	29°88	45°7	41°2	36°9	53°3	2°36	2°31	86	90	SW	2	W	1	10	0	—	—
24	10	03	47°6	46°7	35°0	51°0	2°44	3°01	74	94	SW	1	S	2	1	10	010	—
25	08	12	43°0	45°2	35°7	51°7	2°64	2°60	95	87	E	1	SE	1	10	10	020	—
26	22	30	43°7	38°7	38°0	48°3	2°14	1°82	75	78	SE	2	NE	1	10	10	—	—
27	28	20	40°0	39°2	36°7	46°1	2°05	2°14	83	89	SE	2	E	1	10	10	—	—
28	15	30°16	41°7	40°2	37°0	46°0	1°94	2°18	73	89	SE	2	SE	1	10	10	—	—
29	30°11	29°98	43°0	38°8	37°0	45°5	2°26	1°88	82	80	SE	2	SW	1	10	0	—	—
30	29°72	29°72	46°0	37°2	35°3	46°7	2°22	2°10	76	94	SE	2	S	2	10	10	380	Fine till 1p., then ● and ● *
31	29°27	29°30	35°7	35°8	32°0	46°2	1°96	1°95	93	93	SE	2	SE	2	10	10	430	Fine till 3.30p. * 3.30p.—4.30p.
Means	29°780	29°758	43°9	42°6	37°9	50°0	2°42	2°38	83°0	86°2	1°9	2°2	8°1	6°6	3°130			



## MARKREE CASTLE, SLIGO.

Height above Mean Sea Level, 131 feet. Long. 8° 27' W. Lat. 54° 11' N.

MARCH 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	40°	44°	38°	47°	in.	in.	92	94	SE 3	SE 1	9	10	ins.	
2	29°88	29°96	40°	44°	38°	47°	229	272	92	94	SE 3	SE 1	9	10	0.010	
3	29°00	29°06	42°	46°	41°	48°	254	254	95	95	SSE 2	SE 4	10	10	0.010	
4	29°43	29°57	45°	49°	44°	50°	261	288	87	92	WSW 1	Calm 0	10	7	0.010	
5	29°70	29°85	43°	47°	40°	48°	269	268	90	82	Calm 0	W 1	10	7	0.030	
6	29°07	29°13	41°	45°	37°	51°	221	290	86	95	SSW 1	SSW 1	9	9	0.090	
7	29°68	29°74	44°	46°	42°	48°	272	293	94	92	S 2	SE 4	10	10	0.240	Clear all day.
8	29°85	29°91	44°	47°	38°	48°	244	266	83	90	WSW 0.5	Calm 0	7	5	0.010	
9	29°70	29°77	36°	38°	28°	39°	155	215	72	94	Calm 0	S 1	2	10	0.080	[Noon—7 p. D. op.
10	29°32	29°39	37°	39°	32°	39°	195	167	88	86	S 2	Calm 0	9	3	0.220	* showers a. storm from SSE.
11	29°07	29°18	34°	36°	29°	37°	157	149	79	89	SSE 1	SSE 0.5	8	2	0.020	* showers a. D. op.
12	29°17	29°22	36°	38°	29°	42°	163	212	76	92	SE 4	SSE 3	10	7	0.030	* showers a.
13	29°47	29°57	43°	47°	35°	49°	229	246	80	92	SSE 4	SSE 2	7	9	0.120	* showers.
14	29°48	29°54	40°	48°	42°	52°	234	287	93	87	SSE 5	SSW 4	10	6	0.640	Clear a. D. op.
15	29°54	29°65	46°	48°	43°	55°	292	282	94	83	SSE 2	SSW 3	10	5	0.040	
16	29°72	29°80	51°	47°	46°	54°	324	294	85	90	SSE 2	SE 1	10	10	—	
17	29°74	29°81	50°	50°	46°	62°	324	335	77	93	SE 3	SSE 4	6	10	0.020	D. a.
18	29°76	29°86	51°	45°	44°	57°	342	266	90	89	SSE 2	SSE 1	10	6	—	
19	29°84	29°96	48°	45°	43°	57°	284	241	77	81	SSW 4	SSW 1	8	10	0.110	D. ga. 1 p.
20	29°77	29°94	42°	42°	36°	47°	227	211	85	79	WSW 4	WSW 7	9	8	0.140	* showers in afternoon. from SE.
21	29°10	29°06	40°	42°	37°	48°	193	249	62	94	WNW 0.5	Calm 0	7	9	0.040	
22	29°89	29°94	44°	42°	38°	49°	272	212	94	88	NNW 2	Calm 0	10	10	0.010	
23	29°18	29°14	42°	40°	33°	52°	229	214	86	94	Calm 0	Calm 0	10	1	—	
24	29°07	29°03	42°	44°	33°	53°	237	281	89	95	SSE 2	Calm 0	10	10	0.060	
25	29°02	29°05	43°	44°	37°	50°	274	274	96	95	ESE 0.5	SE 1	10	10	0.030	
26	29°16	29°25	45°	45°	39°	48°	241	181	81	75	ESE 2	ESE 0.5	10	10	—	
27	29°24	29°14	39°	39°	37°	41°	209	205	88	85	ENE 0.5	ESE 0.5	10	10	—	Overcast all day.
28	29°09	29°12	41°	40°	36°	45°	184	209	72	85	SSE 2	SE 1	10	10	—	
29	29°10	29°08	39°	38°	36°	44°	190	189	77	82	SE 1	SE 1	10	10	—	Overcast all day.
30	29°68	29°41	42°	34°	34°	47°	228	192	83	95	SSE 3	Calm 0	10	9	0.120	Cold wind during day.
31	29°26	29°21	37°	38°	30°	44°	163	184	93	81	SSE 1	SE 1	10	2	0.110	* showers in the morning.
Means	29°78	29°76	42°	41°	37°	48°	239	233	84°	88°	1°	1°	9°	7°	2°	500

## DUBLIN.

Height above Mean Sea Level, 51 feet. Long. 6° 15' W. Lat. 53° 20' N.

MARCH 1884.

1	29°94	29°02	42°	42°	38°	44°	237	244	86	91	SSE 2	SE 2	8	10	0.010	∞ a. 1 p. Upper clouds from SW.
2	29°07	29°03	43°	42°	40°	44°	250	221	89	83	SSE 3	SSE 5	10	10	0.164	Cloudy and cool, with ∞ a. Squally
3	29°47	29°40	40°	42°	41°	50°	228	228	93	85	SSE 3	W 1	10	1	0.053	Fine from 11 a. (mist) op. [ p.
4	29°63	29°51	44°	40°	39°	44°	271	213	92	85	ENE 2	WNW 3	10	1	0.068	∞ a.
5	29°09	29°19	41°	42°	36°	49°	219	273	85	85	W 2	W 3	6	8	—	∞ p.
6	29°05	29°07	40°	40°	35°	46°	188	217	75	88	SW 2	WSW 3	9	10	0.021	Cloudy and mild.
7	29°76	29°82	46°	43°	42°	50°	276	264	87	95	WSW 2	NW 2	10	10	0.263	from 2 p.
8	29°76	29°80	40°	38°	35°	46°	182	206	79	85	W 2	S 4	0	8	—	Marked visibility ga. Much cir. p.
9	29°45	29°40	40°	40°	35°	46°	188	217	75	88	SW 2	WSW 3	9	10	0.467	∞ a. Squally from 4 p.
10	29°16	29°26	39°	34°	32°	43°	151	155	70	78	SW 3	WSW 4	1	1	0.012	Sunny a. Cir. from 11 a. * 1 p.
11	29°28	29°35	40°	41°	31°	45°	162	219	64	84	SSE 3	S 2	7	4	0.147	Much cir. a. Cold showers 5 p.
12	29°45	29°58	45°	47°	39°	51°	234	229	77	75	E 2	WSW 4	7	7	0.094	Partial ∞ p. Squally p.
13	29°68	29°71	51°	51°	44°	56°	316	291	84	76	S 4	SSW 4	10	4	0.014	a. and p. Very mild.
14	29°70	29°80	53°	51°	49°	58°	281	286	67	75	SSE 6	Calm 0	9	8	—	Squally a. Day very fine and warm.
15	29°87	29°92	53°	50°	50°	60°	310	309	76	84	SSW 2	SSE 3	6	10	—	Beautifully fine and mild. ∞.
16	29°81	29°83	54°	53°	48°	61°	310	322	72	79	S by E 4	SSE 6	1	2	—	Squally a. and p. Much cir. to W.
17	29°87	29°90	52°	49°	48°	56°	322	259	83	74	SSE 3	SSW 3	10	0	0.010	Fine and mild p.
18	29°79	29°97	52°	47°	47°	56°	304	241	78	73	SW 4	W 6	6	0	0.010	Squally a. and p. showers.
19	29°06	29°06	51°	45°	44°	56°	265	198	72	66	SW 3	SW 8	5	0	0.012	Fine and mild a. Squally p.
20	29°83	29°89	42°	41°	37°	48°	198	216	72	84	W 8	WNW 5	6	5	0.060	Squally a. and p. showers.
21	29°11	29°10	41°	42°	36°	49°	213	237	83	83	wnw.3	WNW 2	1	7	—	Cir. overspreading sky p.
22	29°97	29°93	48°	43°	40°	54°	271	224	79	79	SW 3	NW 3	9	0	—	Squally p.
23	29°20	29°17	43°	42°	36°	51°	210	212	73	79	WSW 1	SE 2	6	0	—	Very fine a. ∞ p.
24	29°15	29°08	41°	45°	34°	52°	217	263	85	87	Calm 0	S by W 2	0	10	—	∞ till 9 a., then brilliant.
25	29°07	29°11	47°	45°	43°	49°	272	272	83	90	S by E 2	SE 3	10	6	—	Overcast and dull. (mist) op.
26	29°17	29°21	43°	43°	38°	45°	210	166	74	59	E 3	E 5	5	10	—	(mist) a. Squally p.
27	29°24	29°16	42°	41°	41°	46°	199	192	75	73	E 4	E 3	10	10	—	Cold and dull.
28	29°13	29°14	42°	42°	39°	45°	182	180	69	68	ESE 3	ESE 2	10	10	—	
29	29°11	29°02	40°	41°	38°	45°	193	196	77	75	SW 1	W 1	10	10	—	
30	29°83	29°50	43°	44°	35°	52°	234	234	79	79	SE 1	S by E 3	9	8	0.092	Dull.
31	29°33	29°29	39°	41°	36°	47°	177	197	74	77	swb.w.3	SSE 2	1	5	0.361	(mist) ga. Grass, min. 28°. Squally
Means	29°87	29°82	45°	44°	40°	50°	237	233	77°	79°	2°	3°	6°	5°	1°	858

## PARSONSTOWN, (BIRR CASTLE.)

Height above Mean Sea Level, 182 feet. Long. 7° 55' W. Lat. 53° 6' N.

MARCH 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	43°	43°	38°	48°	in.	in.	90	90	SSE 1	SE 1	10	10	ins.	
2	29°89	29°98	44°	44°	41°	49°	253	253	90	90	SSE 1	SE 1	10	10	0.490	☼☼☼ (mist) before ga.
3	29°04	29°08	44°	44°	41°	49°	252	257	87	90	S 0°3	S 3	8	10	—	
4	29°48	29°59	45°	45°	39°	50°	265	216	87	90	WNW 1	SSE 0°5	8	7	—	☼☼☼ (mist) op.
5	29°67	29°89	40°	38°	35°	47°	220	195	90	85	NNW 0°5	WSW 2	7	0	—	☼☼☼ showers during day.
6	29°12	29°15	41°	44°	34°	50°	221	275	85	93	SW 1	Calm 0	10	10	—	☼☼☼ (mist) a. and p.
7	29°02	29°08	46°	46°	41°	48°	265	282	84	91	S 2	S 3	10	10	0.469	
8	29°76	29°86	44°	41°	40°	48°	285	213	96	83	SW 0°5	NW 1	8	10	—	Clouds moving slowly from S. op.
9	29°74	29°80	40°	36°	28°	39°	155	215	72	94	Calm 0	WSW 3	2	10	0.080	Squally with ☼ and ☼☼☼ showers p.
10	29°40	29°43	38°	34°	31°	45°	148	199	68	93	SSE 0°5	W 1	10	0	0.284	☼ before ga. ☼☼☼ (mist) ga. ☼☼☼ p.
11	29°12	29°13	34°	34°	29°	37°	157	149	79	89	SSE 1	S 1	10	0	0.020	☼☼☼ (mist) op. ☼☼☼ (mist) op.
12	29°17	29°22	36°	38°	29°	42°	163	212	76	92	SE 4	SSE 2°5	10	9	0.030	☼☼☼ squalls in past n. ☼☼☼ p.
13	29°47	29°57	43°	47°	35°	49°	229	246	80	92	SSE 4	SSE 2	8	10	0.120	☼☼☼ Large ☼☼☼ (mist) op.
14	29°48	29°54	40°	48°	42°	52°	234	298	80	92	SSE 3	SSE 3	10	10	0.144	
15	29°58	29°58	41°	47°	47°	56°	238	299	82	85	SSW 2	SE 2°5	9	10	0.044	Squally a. ☼☼☼ (mist) op.
16	29°77	29°77	44°	44°	40°	55°	281	280	75	80	S 2°5	SE 2°5	10	7	—	Squally ga. ☼☼☼ (mist) op.
17	29°81	29°86	50°	50°	45°	58°	318	314	75	86	S 1°5	SSE 3	6	9	0.110	
18	29°74	29°79	50°	50°	44°	54°	336	265	91	86	S 1	SSE 1	10	2	0.162	☼☼☼ (mist) ga.
19	29°60	29°69	48°	41°	41°	53°	261	269	197	78	SSE 1°5	WSW 7	7	9	0.016	Squally a. and p.
20	29°89	29°90	44°	44°	34°	47°	196	198	66	78	W 3	WNW 5	7	10	0.040	Squally a. and p.
21	29°15	29°15	45°	43°	35°	49°	205	244	67	87	SW 0°5	Calm 0	8	10	0.048	Squally a.
22	29°94	29°94	47°	38°	34°	50°	296	204	90	87	SW 1	Calm 0	10	0	0.032	☼☼☼ (mist) a. and op.
23	29°20	29°20	44°	44°	32°	53°	218	219	73	87	SW 0°5	Calm 0	7	0	—	☼☼☼ (mist) p.
24	29°10	29°10	45°	42°	40°	51°	232	274	85	80	SSE 0°5	SSE 1	10	10	0.039	☼☼☼ (mist) a. and op.
25	29°02	29°06	46°	44°	43°	50°	294	238	93	81	S 0°5	SE 1°5	10	10	0.046	
26	29°13	29°21	44°	40°	39°	47°	211	181	71	73	SE 1°5	NNE 0°5	8	10	—	Overcast and gloomy.
27	29°22	29°25	36°	40°	37°	43°	206	184	85	73	NE 0°5	SE 1°5	10	10	—	☼☼☼ (mist) a.
28	29°08	29°13	42°	40°	36°	47°	166	176	61	70	SSE 1	Calm 0	7	10	—	
29	29°10	29°01	39°	37°	37°	44°	179	199	76	85	Calm 0	Calm 0	10	10	—	☼☼☼ (mist) a. and p.
30	29°76	29°45	46°	38°	31°	50°	240	226	77	97	ESE 0°5	Calm 0	7	10	0.370	
31	29°27	29°21	42°	39°	31°	47°	195	183	73	75	S 1	SE 2°5	6	10	0.082	☼☼☼ p.
Means	29°802	29°800	44°6	42°0	37°6	49°6	239	227	80°1	83°8	1°2	1°7	8°3	8°0	3°009	



## DUNROBIN CASTLE.

Height above Mean Sea Level, 12 feet. Long. 3° 59' W. Lat. 57° 57' N.

APRIL 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative 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.		
1	ins.	ins.	41°4	44°2	31°0	50°7	in.	in.	%	%	E	E	—	ins.	Cold wind, with ☉ showers.
2	29°47	29°53	41°4	44°2	38°6	47°5	242	274	93	95	E	E	—	170	Dull and mild.
3	29°52	29°58	41°4	44°2	39°1	55°5	242	287	93	95	SE	E	—	—	Fine and mild.
4	29°52	29°58	41°4	44°2	40°7	53°5	243	260	94	87	E	E	—	—	—
5	29°50	29°56	41°4	44°2	40°9	49°7	252	274	93	89	E	E	—	150	Fine, mild, and clear.
6	29°50	29°56	41°4	44°2	41°7	53°5	272	240	81	80	S	S	—	—	Fine.
7	29°50	29°56	41°4	44°2	38°4	51°3	239	272	73	93	E	E	—	—	—
8	29°50	29°56	41°4	44°2	37°6	54°5	261	231	74	86	SE	E	—	—	Fine and mild.
9	29°50	29°56	41°4	44°2	39°6	53°5	252	283	93	94	E	E	—	—	Dull. ☁ (mist).
10	29°50	29°56	41°4	44°2	37°6	52°5	245	259	70	90	SE	E	—	—	Fine.
11	29°50	29°56	41°4	44°2	41°7	48°5	221	252	73	93	E	E	—	—	Fine and mild.
12	29°50	29°56	41°4	44°2	39°6	50°5	221	231	73	86	E	E	—	—	Fine, but cloudy.
13	29°50	29°56	41°4	44°2	40°7	50°5	225	231	76	86	E	E	—	—	Fine.
14	29°50	29°56	41°4	44°2	41°7	49°5	240	260	80	87	E	E	—	120	Dull, with ☉.
15	29°50	29°56	41°4	44°2	41°7	53°5	202	231	87	86	E	SE	—	—	Dull.
16	29°50	29°56	41°4	44°2	37°1	45°4	221	201	73	78	NE	E	—	—	Dull.
17	29°50	29°56	41°4	44°2	37°6	45°5	200	212	71	88	E	E	—	—	Fine and cold.
18	29°50	29°56	41°4	44°2	38°1	51°0	216	253	75	90	W	W	—	—	—
19	29°50	29°56	41°4	44°2	38°6	49°5	239	251	73	89	NE	E	—	—	—
20	29°50	29°56	41°4	44°2	37°6	45°5	200	177	71	65	E	E	—	—	Dull.
21	29°50	29°56	41°4	44°2	39°6	49°5	272	250	93	86	E	E	—	—	Fine, with cold wind.
22	29°50	29°56	41°4	44°2	41°7	50°0	240	231	80	86	E	E	—	—	Fine, with cold wind.
23	29°50	29°56	41°4	44°2	40°7	48°5	230	235	79	82	E	E	—	—	Fine, with cold wind.
24	29°50	29°56	41°4	44°2	38°8	52°5	221	235	73	82	SE	S	—	—	Fine.
25	29°50	29°56	41°4	44°2	32°5	49°5	221	250	73	86	S	E	—	—	Fine.
26	29°50	29°56	41°4	44°2	35°6	51°5	207	212	90	88	S	E	—	—	Fine.
27	29°50	29°56	41°4	44°2	35°6	52°0	249	271	73	90	S	SE	—	—	Fine.
28	29°50	29°56	41°4	44°2	32°5	52°0	249	230	73	79	E	E	—	—	Fine.
29	29°50	29°56	41°4	44°2	37°6	50°0	231	253	74	76	E	W	—	—	Fine.
30	29°50	29°56	41°4	44°2	41°7	54°5	251	221	69	73	W	W	—	—	Fine.
Means	29°50	29°56	41°4	44°2	38°5	50°7	244	245	79°1	85°9	—	—	—	0°440	—

## BRAEMAR.

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

APRIL 1884.

1	29°44	29°57	37°0	40°6	29°6	47°5	204	223	93	89	SW	6	SE	0°5	10	7	350	* a. Fine p.
2	29°44	29°57	37°0	40°6	30°6	50°5	226	265	82	90	SW	1	E	0°5	7	10	310	Dull, with ☉.
3	29°44	29°57	37°0	40°6	39°3	58°7	304	268	87	91	S	1	E	0°5	4	7	050	Fine.
4	29°44	29°57	37°0	40°6	38°6	51°5	252	246	89	89	NE	2	SE	0°5	9	6	—	* a. Fine p. ☁ (mist) 9p.
5	29°44	29°57	37°0	40°6	37°6	49°7	205	242	91	83	NE	2	SE	1	10	9	1130	☉ showers.
6	29°44	29°57	37°0	40°6	34°4	50°5	237	203	88	73	SE	2	SW	2	10	3	020	Fine and clear.
7	29°44	29°57	37°0	40°6	35°7	49°7	194	244	93	83	SW	1	SW	1	7	8	010	☉ showers.
8	29°44	29°57	37°0	40°6	35°8	56°7	202	208	67	77	SW	1	NE	1	4	0	—	Fine and clear.
9	29°44	29°57	37°0	40°6	35°8	51°5	185	181	93	84	E	0°5	SE	0°5	10	0	020	Fine and clear.
10	29°44	29°57	37°0	40°6	35°8	57°7	131	198	60	78	SE	0°5	S	0°5	0	0	—	Fine and clear.
11	29°44	29°57	37°0	40°6	30°6	53°3	217	170	86	80	E	0°5	NE	0°5	7	2	—	Dull a. Fine p.
12	29°44	29°57	37°0	40°6	37°8	55°6	173	187	71	83	N	2	NE	2	4	8	070	—
13	29°44	29°57	37°0	40°6	36°4	53°5	211	182	90	84	NE	2	NE	3	6	3	—	—
14	29°44	29°57	37°0	40°6	36°4	44°8	195	191	75	75	E	2	E	2	6	6	—	—
15	29°44	29°57	37°0	40°6	39°9	45°5	225	185	88	75	NE	2	NE	2	9	7	020	☉ showers and very cold.
16	29°44	29°57	37°0	40°6	35°1	42°2	187	181	83	88	NE	2	NE	2	7	7	010	☉ showers and very cold.
17	29°44	29°57	37°0	40°6	34°9	41°3	193	157	82	77	E	1	NE	2	7	8	—	Very cold.
18	29°44	29°57	37°0	40°6	33°8	41°5	158	194	71	82	NE	1	NW	1	7	6	030	Fair and cold.
19	29°44	29°57	37°0	40°6	36°4	47°7	212	220	79	89	NW	1	NE	1	6	7	020	Fair and mild.
20	29°44	29°57	37°0	40°6	35°9	44°5	186	161	76	76	E	2	E	1	7	7	—	Cold and dull.
21	29°44	29°57	37°0	40°6	36°8	44°5	154	195	58	90	E	1	SE	1	6	7	010	Fair a. ☉ showers p.
22	29°44	29°57	37°0	40°6	36°9	45°9	178	190	76	87	SE	1	SE	0°5	6	9	120	Cold, with ☉ showers p.
23	29°44	29°57	37°0	40°6	34°9	42°5	188	160	86	79	NW	1	SE	2	9	7	010	Cold, with ☉ showers p.
24	29°44	29°57	37°0	40°6	34°1	42°3	159	163	68	78	S	1	SE	1	6	8	—	Fair and cold.
25	29°44	29°57	37°0	40°6	31°4	41°3	162	164	69	76	SE	1	S	1	7	7	—	Fair and cold.
26	29°44	29°57	37°0	40°6	34°2	42°2	175	158	75	73	S	1	SW	1	7	7	030	Fair and cold.
27	29°44	29°57	37°0	40°6	37°6	46°5	142	201	65	90	SE	1	S	1	7	7	—	Dull.
28	29°44	29°57	37°0	40°6	34°9	48°5	156	160	55	79	S	1	NE	1	2	1	—	Fair, clear, and cold.
29	29°44	29°57	37°0	40°6	23°4	45°5	173	210	76	83	NE	0°5	SW	2	7	7	100	—
30	29°44	29°57	37°0	40°6	37°6	48°5	200	162	68	64	SW	2	SW	0°5	9	6	140	Fair and clear.
Means	29°44	29°57	37°0	40°6	39°1	47°4	193	196	78°0	81°5	—	—	—	—	—	—	—	—

## LAUDALE.

Height above Mean Sea Level, 14 feet. Long. 5° 41' W. Lat. 56° 41' N.

APRIL 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	42°9	47°0	36°2	51°6	in.	in.	%	%	ESE	8	S	4	10	4	ins. 040	[cleared.
2	29°53	29°43	42°9	47°0	45°0	50°2	241	235	72	74	SSE	3	Calm	0	10	8	080	* 2a. Wind fell after 9a. and sky
3	29°56	29°43	44°4	49°2	39°0	57°2	272	237	93	91	Calm	0	Calm	0	10	8	080	∞ round sun. Small U 9p.
4	29°53	29°40	45°0	49°4	47°2	55°0	287	259	74	73	SE	3	SSE	1	9	2	080	Dull and damp. Mackerel sky at night.
5	29°53	29°48	45°0	48°6	44°9	51°0	239	238	80	69	ESE	5	S	7	10	4	140	Dull and mild all day. ∞ [U
6	29°53	29°56	46°8	45°9	45°8	50°3	259	284	81	93	S	2	Calm	0	10	3	280	Dull and gloomy. ☉ showers. Large
7	29°57	29°62	50°1	44°0	41°0	57°1	240	282	67	78	SSE	2	S	1	5	9	040	Gloomy 9a. ☉ showers during day.
8	29°58	30°02	45°3	47°2	36°4	53°7	239	266	79	83	Calm	0	SW	1	4	5	—	Dark clouds to East all day.
9	30°08	30°03	47°4	47°5	37°3	58°4	270	278	83	86	Calm	0	Calm	0	1	1	—	Fine day. Grey ∞ round sun a.
10	30°05	30°07	52°0	44°9	42°0	60°3	227	215	59	73	E	1	Calm	0	3	0	—	Fine all day.
11	30°05	30°09	46°2	45°2	43°1	53°1	250	251	81	84	Calm	0	NNW	1	0	0	—	Fine all day.
12	30°18	30°20	46°0	44°2	42°2	52°4	225	185	73	63	N	1	NW	1	2	1	—	Fine, with much ∞
13	30°27	30°29	47°0	44°0	36°0	52°3	220	224	69	77	E	2	N	2	4	2	—	Fine day.
14	30°31	30°28	47°0	45°1	38°7	52°3	229	242	72	81	N	2	Calm	0	4	9	—	Fine day.
15	30°15	30°08	48°0	44°2	43°6	53°1	285	263	86	91	NNW	3	N	2	10	6	—	Dull day.
16	29°54	29°07	46°0	43°0	42°5	50°6	231	199	75	72	E	3	E	2	8	5	—	* 0 Δ showers.
17	30°20	30°23	47°0	40°0	35°4	49°8	214	177	67	71	E	2	Calm	0	3	0	—	Cold day.
18	30°13	29°07	41°3	43°0	33°0	46°4	185	234	72	84	Calm	0	N	1	10	10	—	Dull and threatening all day. Cold.
19	29°53	29°06	46°2	43°8	40°9	54°5	259	246	84	86	N	1	Calm	0	9	6	—	Dull all day.
20	29°59	30°01	44°6	44°1	36°3	51°6	237	249	80	85	Calm	0	Calm	0	8	8	—	Dull day. Upper clouds from W 9p.
21	30°05	30°06	43°4	45°0	40°9	49°6	209	233	74	78	ESE	3	Calm	0	10	10	—	Threatening appearance all day. Cold.
22	30°03	29°07	44°2	44°0	42°0	48°8	207	220	71	76	S	3	S	3	10	10	—	Threatening appearance all day. Cold.
23	29°08	28°58	44°8	44°0	42°0	47°8	251	215	85	74	SSE	4	SSW	2	10	10	—	Dull and threatening all day.
24	28°58	28°52	44°8	42°8	40°9	49°7	251	215	85	78	SSE	3	Calm	0	10	0	—	Dull day.
25	29°53	28°56	44°4	44°6	40°0	50°6	207	218	71	74	S	1	Calm	0	10	10	010	Dull day. ● from 7p.
26	29°74	28°72	46°0	44°5	43°1	52°8	265	239	86	81	S	1	Calm	0	4	10	020	Dull day. <
27	29°59	28°53	43°4	43°8	37°2	49°7	215	248	76	87	Calm	0	Calm	0	8	8	—	Dull and threatening at 9a. * 9p.
28	30°03	29°58	44°2	42°4	35°3	52°3	236	221	81	82	S	1	Calm	0	2	0	—	Dull day. ∞ 2 [5.30 p.
29	29°52	29°55	46°0	43°7	34°9	52°3	235	267	76	93	S	1	SW	3	6	10	480	Threatening all day, with ∞. T ●
30	29°54	29°41	43°7	41°0	33°8	49°2	237	219	79	86	WNW	5	WNW	5	7	9	1730	* showers all day.
Means	29°52	29°51	45°9	45°0	39°9	52°1	238	240	77°0	80°3	1°9	1°2	6°9	5°6	2°90			



## ROTHESAY.

Height above Mean Sea Level, 115 feet. Long. 5° 4' W. Lat. 55° 50' N.

APRIL 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	45°	45°	45°	45°	ins.	ins.	79	79	SE	SE	—	—	ins.	* (sleet) showers.
2	29°34	29°47	45°	45°	45°	45°	25°	25°	82	82	SE	SE	—	—	ins.	Dull, with *.
3	29°55	29°57	46°	46°	46°	46°	25°	25°	81	81	NE	E	—	—	365	T 4a.—5a. Dull and mild.
4	29°55	29°43	46°	46°	46°	46°	25°	25°	81	81	NE	E	—	—	365	Dull. T.p.
5	29°40	29°39	45°	45°	45°	45°	25°	25°	81	81	SSE	SE	—	—	365	
6	29°41	29°23	45°	45°	45°	45°	25°	25°	81	81	SE	SSE	—	—	365	
7	29°28	29°60	47°	47°	47°	47°	25°	25°	82	82	S	SE	—	—	365	
8	29°59	29°67	46°	46°	46°	46°	25°	25°	82	82	ENE	S	—	—	365	
9	29°50	29°01	48°	48°	48°	48°	25°	25°	83	83	W	Calm	—	—	365	Fine.
10	29°04	29°04	46°	46°	46°	46°	25°	25°	86	86	ENE	ENE	—	—	365	Fine.
11	29°09	29°07	45°	45°	45°	45°	25°	25°	85	85	E	NNW	—	—	365	Fine.
12	29°06	29°10	49°	49°	49°	49°	25°	25°	84	84	NW	E	—	—	365	Clear and fine.
13	29°16	29°18	48°	48°	48°	48°	25°	25°	86	86	NNW	NW	—	—	365	Cloudy, with ∞.
14	29°25	29°28	51°	51°	51°	51°	25°	25°	82	82	E	E	—	—	365	Fine.
15	29°27	29°26	49°	49°	49°	49°	25°	25°	81	81	NE	NE	—	—	365	
16	29°15	29°09	48°	48°	48°	48°	25°	25°	81	81	NNW	Calm	—	—	365	* showers.
17	29°04	29°08	48°	48°	48°	48°	25°	25°	81	81	SE	E	—	—	365	
18	29°20	29°23	44°	44°	44°	44°	25°	25°	84	84	E	E	—	—	365	
19	29°14	29°08	41°	41°	41°	41°	25°	25°	84	84	SE	NW	—	—	365	Dull and chilly.
20	29°02	29°05	50°	50°	50°	50°	25°	25°	83	83	NW	NW	—	—	365	Fine and mild.
21	29°00	29°04	48°	48°	48°	48°	25°	25°	83	83	NE	ENE	—	—	365	
22	29°08	29°09	43°	43°	43°	43°	25°	25°	81	81	ENE	ESE	—	—	365	
23	29°07	29°02	43°	43°	43°	43°	25°	25°	85	85	E	Calm	—	—	365	Dull and cloudy.
24	29°05	29°03	39°	39°	39°	39°	25°	25°	88	88	NE	E	—	—	365	Dull and damp.
25	29°03	29°03	41°	41°	41°	41°	25°	25°	88	88	NE	E	—	—	365	Dull, with ∞.
26	29°05	29°09	43°	43°	43°	43°	25°	25°	81	81	SE	Calm	—	—	365	Fine, with ∞.
27	29°08	29°10	44°	44°	44°	44°	25°	25°	80	80	ESE	Calm	—	—	365	Fine, with ∞.
28	29°04	29°08	47°	47°	47°	47°	25°	25°	85	85	NE	NE	—	—	365	
29	29°04	29°06	43°	43°	43°	43°	25°	25°	84	84	NE	S	—	—	365	
30	29°54	29°51	44°	44°	44°	44°	25°	25°	83	83	W	SW	—	—	365	* (sleet) showers.
Means	29°56	29°58	45°	45°	45°	45°	25°	25°	83	83	—	—	—	—	365	

## PINMORE.

Height above Mean Sea Level, 187 feet. Long. 4° 49' W. Lat. 55° 12' N.

APRIL 1884.

1	29°39	29°50	44°9	42°0	34°5	50°1	°258	°241	87	91	SW	4	SW	3	—	—	°020
2	°55	°56	45°9	44°9	41°9	49°2	°270	°269	88	91	SE	0°5	SW	0°5	—	—	°210
3	°55	°44	52°8	49°8	34°5	54°1	°340	°327	85	91	S	0°5	SW	0°5	—	—	°420
4	°42	°36	45°9	48°9	42°4	54°1	°281	°271	92	78	S	0°5	S	0°5	—	—	°140
5	°13	°25	44°4	45°9	44°3	52°1	°265	°281	91	92	S	3	S	0°5	—	—	°040
6	°34	°64	49°6	43°0	40°8	54°1	°284	°230	80	83	S	0°5	S	0°5	—	—	—
7	°60	29°72	50°8	46°1	35°5	58°6	°280	°284	76	91	S	3	SW	0°5	—	—	—
8	29°02	30°02	49°8	38°2	32°5	58°1	°260	°208	73	91	SW	0°5	S	0°5	—	—	—
9	30°03	°04	47°9	40°6	33°5	59°1	°291	°240	88	95	S	0°5	SW	0°5	—	—	—
10	°08	°10	50°0	37°2	29°5	57°1	°212	°200	59	90	S	0°5	SW	0°5	—	—	—
11	°08	°08	44°7	46°4	28°5	55°6	°227	°254	77	81	NW	0°5	NW	0°5	—	—	°030
12	°17	°18	47°9	43°5	30°0	54°1	°248	°207	75	74	N	0°5	N	0°5	—	—	—
13	°24	°39	47°9	42°3	33°5	54°6	°229	°231	69	87	N	0°5	N	0°5	—	—	—
14	°30	30°27	44°7	44°9	29°5	54°1	°227	°265	77	90	N	0°5	NW	0°5	—	—	—
15	30°16	29°09	49°8	44°9	42°9	55°1	°271	°238	76	80	N	0°5	N	0°5	—	—	—
16	29°02	30°05	45°1	41°0	31°7	49°2	°210	°182	71	71	N	0°5	N	0°5	—	—	—
17	30°18	°23	48°1	42°0	30°3	54°1	°200	°221	61	84	N	0°5	N	0°5	—	—	—
18	30°15	30°06	39°1	34°3	33°5	49°2	°208	°178	87	89	SE	0°5	N	0°5	—	—	—
19	29°08	29°06	48°9	41°0	33°5	53°6	°231	°242	67	83	NW	0°5	N	0°5	—	—	—
20	30°00	30°04	46°7	43°0	37°4	51°1	°255	°249	80	90	NW	0°5	NW	0°5	—	—	°040
21	°08	°13	44°0	41°0	39°4	49°2	°195	°213	67	83	NW	0°5	NW	0°5	—	—	—
22	30°10	30°05	39°1	40°1	38°9	44°7	°217	°223	91	90	N	0°5	N	0°5	—	—	°080
23	29°06	29°04	44°0	41°5	35°5	46°2	°234	°226	81	87	SE	3	SE	3	—	—	—
24	°03	°04	41°0	36°2	33°5	48°2	°166	°195	65	91	NW	0°5	NW	0°5	—	—	—
25	°07	°02	46°4	35°3	34°5	48°2	°216	°149	69	72	NW	0°5	NW	0°5	—	—	—
26	°79	°74	45°9	39°1	28°0	51°1	°221	°217	72	91	N	0°5	N	0°5	—	—	—
27	29°79	°92	45°4	40°1	27°5	52°1	°236	°206	78	83	NW	0°5	NW	0°5	—	—	—
28	30°01	°07	46°9	41°0	26°5	57°1	°210	°213	66	83	N	0°5	N	0°5	—	—	—
29	29°84	°70	48°9	44°0	36°5	52°1	°227	°248	66	86	S	0°5	SE	0°5	—	—	°190
30	29°58	29°78	44°0	41°5	41°4	49°6	°238	°237	82	91	W	0°5	W	0°5	—	—	°200
Means	29°87.1	29°89.6	46°4	42°1	34°7	52°5	°240	°232	76°5	86°0	0°9	0°7	—	—	—	—	1°370

↗ to SW.

## SCALEBY (NEAR CARLISLE).

Height above Mean Sea Level, 111 feet. Long. 2° 52' W. Lat. 54° 58' N.

APRIL 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	47°	45°	33°	53°	in.	in.	80	89	SW	2	SE	4	10	10	ins.	Stormy in past n.
2	29°45	29°50	47°	45°	33°	53°	201	207	80	89	SW	2	SE	4	10	10	050	
3	53	57	50°	46°	43°	60°	344	318	94	100	E	1	W	1	10	10	330	T 4p.
4	52	44	52°	47°	40°	65°	377	306	94	100	Calm	0	E	5	10	3	070	
5	45	40	46°	50°	44°	59°	315	319	99	87	N	2	E	5	10	6	020	T 7p.—8p.
6	18	27	50°	46°	43°	59°	290	317	79	100	S	7	S	2	8	10	120	
7	35	62	48°	44°	44°	56°	331	272	98	93	SW	4	Calm	0	10	5	020	Very fine.
8	58	71	48°	43°	42°	54°	306	271	91	95	NE	3	N	2	10	3	—	
9	29°84	29°08	47°	52°	39°	59°	311	356	96	92	SW	2	E	2	10	0	020	Fine till 3p., then
10	30°02	30°10	50°	40°	39°	63°	351	238	97	97	E	3	E	2	10	0	—	
11	08	07	40°	39°	34°	55°	228	230	93	97	E	3	E	2	0	0	—	Dull and cold.
12	10	11	38°	41°	30°	57°	215	263	93	100	Calm	0	Calm	0	0	10	180	
13	18	25	44°	40°	33°	50°	259	252	89	100	N	2	N	2	10	2	—	Dull and cold.
14	22	30°10	45°	43°	37°	50°	274	253	94	100	N	4	N	2	10	3	010	
15	30°08	29°07	47°	37°	37°	53°	267	196	82	88	N	5	N	4	5	4	030	Very fine.
16	29°86	30°02	44°	37°	34°	47°	205	189	71	83	NE	3	NE	2	8	3	—	Very fine.
17	30°18	30°21	44°	37°	35°	48°	193	191	66	85	NE	4	NE	3	5	8	—	
18	30°10	29°05	39°	38°	30°	44°	204	193	85	83	SW	2	NE	2	10	10	030	Very fine.
19	29°02	29°03	39°	40°	34°	49°	238	233	97	94	SE	2	Calm	0	10	1	010	
20	30°06	30°02	47°	40°	31°	52°	231	199	71	81	E	3	Calm	0	10	10	—	Fine.
21	30°04	07	43°	41°	29°	48°	208	262	75	100	NE	2	E	2	10	10	—	
22	30°07	30°02	44°	40°	35°	49°	216	233	74	93	S	2	E	1	6	10	030	Fine a.
23	29°08	29°04	39°	38°	30°	43°	214	215	89	93	E	2	E	2	10	10	030	
24	91	94	42°	36°	33°	49°	190	179	73	84	E	2	E	2	4	0	—	Very fine.
25	96	90	45°	41°	34°	48°	212	213	71	82	E	1	E	1	9	8	—	
26	78	73	46°	41°	35°	52°	214	223	70	86	E	1	E	1	6	10	—	Dull.
27	78	90	46°	38°	32°	53°	226	201	74	88	E	1	E	3	3	0	—	
28	94	90	44°	42°	35°	47°	230	213	79	79	NE	5	E	4	10	10	010	Very cold.
29	78	70	48°	41°	40°	53°	271	232	80	90	Calm	0	W	2	8	3	340	
30	29°58	29°74	44°	40°	30°	51°	272	220	93	87	SW	3	S	3	7	0	120	showers.
Means	29°849	29°873	45°	41°	36°	52°	258	243	84°	90°	2°	2°	8°	5°	1°	430		



## CRONKBORNE (DOUGLAS), ISLE OF MAN.

Height above Mean Sea Level, 137 feet. Long. 4° 29' W. Lat. 54° 10' N.

APRIL 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	47°	46°	38°	50°	ins.	ins.	83	82	SE 4	SE 3	8	10	ins.	Squally (gale) $\Delta$ a. $\Delta$ (mist)
2	49	56	45°	41°	41°	46°	204	251	98	96	E 2	NW 1	10	9	118	(mist) a. and p. [a. and p.]
3	51	41	48°	48°	40°	56°	317	326	93	96	E 2	E 2	6	10	395	before a. (mist) a. and p. [T during day. $\Delta$ 6p.-7p.]
4	42	29	47°	49°	44°	51°	308	279	93	79	ESE 2	E 4-5	4	10	187	(mist) p.
5	10	23	47°	47°	43°	52°	272	269	83	83	SE 5	SSE 2-3	9	6	038	(mist) a.
6	36	61	49°	45°	43°	52°	295	264	83	89	SW 4	ENE 1	4	7	003	(mist) a. and p.
7	56	71	53°	47°	43°	54°	320	312	79	96	E 1	Calm 0	8	10	—	(mist) a. and p.
8	29° 89	29° 97	51°	42°	42°	52°	303	250	79	93	ESE 2	NW 1	6	3	—	(mist) a. and p.
9	30° 01	30° 01	48°	49°	40°	56°	305	241	88	69	ESE 2	E 2	10	2	—	(mist) a. and p.
10	06	06	47°	42°	35°	50°	224	234	68	86	E 1	NE 1	2	3	—	(mist) a. and p.
11	05	05	49°	44°	33°	52°	277	249	82	85	ESE 1	NE 2	6	5	070	(mist) a. and p.
12	11	12	46°	44°	39°	51°	221	216	71	73	NE 3	NNE 2-3	4	8	003	(mist) a. and p.
13	19	25	45°	45°	38°	50°	234	245	79	82	NNE 4	NE 2	6	10	—	(mist) p.
14	27	30° 22	45°	43°	38°	51°	245	239	82	85	NE 3	N 1	6	7	—	(mist) p.
15	30° 11	29° 06	48°	46°	41°	51°	252	209	73	86	N 2	NNW 2	10	10	—	(mist) p.
16	29° 09	29° 08	46°	44°	35°	49°	242	236	76	81	ENE 2	ESE 2	10	10	010	(mist) a. and p.
17	30° 13	30° 19	43°	41°	39°	47°	197	199	71	78	E 3	E 2	7	2	—	(mist) p.
18	30° 11	29° 07	42°	40°	33°	44°	203	212	76	84	ENE 2	NNW 2	10	10	—	(mist) a. and p.
19	29° 02	29° 05	47°	43°	38°	50°	227	252	69	90	ESE 1	NNW 1	6	2	—	(mist) a. and p.
20	29° 07	30° 00	46°	44°	39°	51°	285	287	92	87	E 1	NNE 1	10	10	025	(mist) a. and p.
21	30° 03	06	46°	42°	39°	48°	243	233	77	87	ESE 2	NE 2	4	6	—	(mist) a. and p.
22	30° 06	30° 04	43°	36°	36°	48°	240	210	84	98	SE 3	N 2	10	3	005	(mist) a. and p.
23	29° 05	29° 01	43°	43°	36°	46°	256	249	90	88	Calm 0	E 2	10	10	—	(mist) a. and p.
24	89	90	43°	41°	40°	46°	232	231	80	90	E 2	ENE 2	6	4	—	(mist) a. and p.
25	94	90	46°	37°	37°	47°	285	220	92	100	E 2	NNW 1	4	3	107	(mist) a. and p.
26	78	72	40°	38°	30°	45°	226	214	92	94	E 1	NE 1	10	4	050	(mist) a. and p.
27	74	87	45°	43°	36°	50°	233	235	78	84	ESE 2	NNW 1	8	5	—	(mist) a. and p.
28	92	89	46°	43°	36°	50°	224	232	72	81	NE 5	NE 3	7	7	—	(mist) p.
29	80	74	48°	42°	42°	51°	266	247	79	91	SE 1	Calm 0	9	10	255	(mist) a. and p.
30	29° 61	29° 78	47°	43°	40°	50°	238	223	73	80	W 5	Calm 0	8	4	048	(mist) a. and p.
Means	29° 843	29° 860	46°	43°	38°	50°	258	245	81°	86°	2°	1°	7°	6°	1° 464	

## STONYHURST.

Height above Mean Sea Level, 375 feet. Long. 2° 28' W. Lat. 53° 51' N.

APRIL 1884.

Day.	Barometer at 32° and M. S. L.	Air Temperature.	Tension of Vapour.	Relative Humidity.	Wind, Direction and Force.	Cloud Amount.	Rain.	Remarks.
1	29° 49	45°	45°	36°	46°	237	268	79
2	58	50°	51°	43°	58°	281	331	77
3	55	52°	53°	46°	61°	294	310	75
4	49	51°	51°	42°	57°	272	275	72
5	25	53°	50°	48°	54°	277	263	76
6	49	63	48°	48°	44°	275	263	78
7	59	74	48°	44°	44°	287	261	87
8	29° 91	29° 99	47°	50°	37°	280	289	87
9	30° 04	30° 05	49°	43°	38°	274	197	78
10	06	08	42°	41°	30°	216	190	79
11	08	05	44°	46°	34°	206	251	69
12	09	10	45°	41°	38°	209	202	70
13	14	21	43°	42°	36°	208	212	75
14	19	30° 17	43°	42°	38°	211	242	75
15	30° 06	29° 07	43°	39°	38°	242	192	84
16	29° 01	29° 08	44°	39°	32°	172	201	59
17	30° 11	30° 20	42°	36°	32°	174	157	66
18	30° 11	29° 06	39°	38°	30°	186	184	79
19	29° 02	29° 05	44°	44°	35°	187	214	65
20	29° 09	30° 02	44°	41°	34°	205	190	71
21	30° 03	08	42°	42°	34°	200	205	73
22	30° 10	30° 05	43°	40°	33°	189	167	66
23	29° 09	29° 04	41°	38°	30°	180	192	70
24	91	92	42°	39°	31°	175	198	63
25	94	91	43°	42°	31°	191	203	68
26	79	72	41°	41°	37°	215	197	84
27	74	84	45°	41°	35°	227	215	76
28	86	86	44°	42°	38°	241	229	82
29	79	76	47°	41°	38°	253	197	79
30	29° 65	29° 80	43°	40°	37°	242	217	87
Means	29° 861	29° 876	45°	43°	37°	226	224	75°

APRIL 1884.

## WAKEFIELD.

Height above Mean Sea Level, 96 feet. Long. 1° 30' W. Lat. 53° 41' N.

APRIL 1884.

Day.	Barometer at 32° and M. S. L.	Air Temperature.	Tension of Vapour.	Relative Humidity.	Wind, Direction and Force.	Cloud Amount.	Rain.	Remarks.
1	ins.	ins.	45°	46°	36°	47°	ins.	
2	61	60	50°	53°	45°	63°	302	295
3	52	46	54°	53°	40°	64°	339	375
4	52	42	52°	50°	46°	58°	309	379
5	29	36	49°	48°	46°	57°	324	318
6	49	66	54°	50°	44°	60°	312	300
7	55	71	46°	48°	45°	54°	316	311
8	29° 89	29° 08	49°	49°	36°	60°	305	338
9	30° 01	30° 06	47°	43°	42°	56°	304	227
10	05	08	43°	40°	36°	51°	266	255
11	06	03	44°	46°	38°	51°	238	270
12	07	08	43°	40°	40°	50°	264	238
13	12	19	44°	41°	37°	48°	250	249
14	16	30° 12	43°	43°	39°	46°	261	276
15	30° 04	29° 06	45°	41°	41°	48°	271	241
16	29° 09	29° 06	42°	39°	38°	44°	215	173
17	30° 12	30° 20	42°	34°	34°	44°	215	173
18	30° 10	29° 06	36°	37°	29°	42°	193	225
19	29° 02	29° 02	42°	43°	36°	47°	223	242
20	29° 08	30° 02	43°	41°	30°	48°	225	213
21	30° 01	07	44°	39°	31°	47°	231	211
22	12	30° 06	41°	38°	29°	49°	225	192
23	30° 00	29° 05	37°	38°	26°	43°	188	223
24	29° 01	92	40°	36°	25°	48°	196	214
25	94	91	44°	41°	35°	46°	214	232
26	81	73	41°	41°	37°	47°	230	241
27	74	82	46°	43°	34°	48°	262	266
28	83	84	44°	39°	31°	51°	290	293
29	80	75	45°	43°	42°	52°	295	266
30	29° 66	29° 79	47°	41°	35°	49°	267	225
Means	29° 859	29° 873	45°	43°	37°	51°	266	263

## LLANDUDNO.

Height above Mean Sea Level, 88 feet. Long. 3° 50' W. Lat. 53° 21' N.

APRIL 1884.

1	29°31	29°52	48°0	45°7	36°5	54°8	260	248	78	82	SW	1	SW	1	8	10	140	Fine.
2	48	54	50°0	46°3	43°0	56°0	313	287	87	92	W	1	W	1	8	5	080	Mild. ☀ showers.
3	47	40	50°0	46°2	45°0	53°3	309	303	86	98	E	1	W	1	7	10	420	Rd. ☀ 4.30p.
4	43	26	53°0	52°0	42°5	56°0	281	287	70	74	S	2	SE	2	2	10	140	
5	14	25	48°2	47°8	45°2	57°0	279	268	84	81	SW	2	SW	1	8	9	090	Very fine.
6	43	59	52°0	48°4	45°0	56°5	298	299	77	89	S	2	SE	1	7	8	020	Very fine. ☀ shower 7.30p.
7	63	73	50°5	45°8	44°5	56°0	304	273	83	89	WSW	1	S	1	10	0	—	Very fine.
8	29°88	06	49°0	45°0	43°2	57°0	297	276	86	93	S	1	NE	1	8	1	—	Very fine.
9	30°00	29°09	47°8	49°7	42°0	56°2	309	270	93	77	N	1	N	1	10	0	—	Very fine.
10	06	30°06	48°0	43°8	38°5	50°3	236	246	71	86	E	1	NE	1	0	0	—	Very fine.
11	06	05	50°0	43°8	36°5	52°8	248	248	69	87	SE	1	SE	1	0	0	—	Very fine.
12	10	11	44°0	44°2	39°5	48°5	254	235	88	81	ENE	1	N	1	10	0	—	Very fine.
13	17	21	46°8	45°0	41°0	48°2	242	254	76	85	NE	2	NE	4	5	7	—	Very fine.
14	22	30°18	44°0	46°0	41°5	49°0	235	247	81	80	NNE	3	NE	4	10	10	—	Dull.
15	30°11	29°06	46°0	46°0	43°5	48°5	258	281	84	92	N	2	N	1	10	10	—	Fine.
16	29°02	29°09	46°5	45°0	36°8	49°0	219	254	70	85	SE	1	NE	3	5	10	—	Fine.
17	30°09	30°17	42°7	40°0	39°1	46°0	214	188	79	76	ENE	5	E	4	7	0	—	Bright, with ☀.
18	30°12	29°09	41°7	42°5	31°2	43°5	205	222	79	83	E	1	ENE	1	5	10	—	Very fine.
19	29°04	29°04	45°0	45°0	38°5	48°5	236	243	79	82	ENE	1	E	1	9	6	—	Very fine.
20	29°07	30°00	48°2	46°0	38°0	51°0	299	275	90	90	N	1	E	1	8	10	—	Very fine.
21	30°04	04	45°1	44°2	39°8	46°0	231	241	77	83	E	2	E	1	0	0	—	Very fine.
22	30°08	30°02	49°5	41°8	38°5	50°0	207	217	59	83	S	1	E	1	2	0	—	Very fine.
23	29°09	29°08	48°0	44°0	35°5	51°0	207	243	62	84	SW	1	SW	1	1	7	—	Very fine.
24	88	89	45°3	41°8	36°8	48°0	216	190	72	73	E	2	E	1	6	0	—	Very fine.
25	94	88	45°1	43°8	35°8	47°1	218	233	73	81	E	2	E	1	3	10	—	Very fine.
26	80	69	48°0	42°1	38°0	50°0	233	243	70	91	SE	1	NNE	1	8	10	—	Very fine.
27	71	82	46°0	46°0	34°0	48°0	247	253	80	83	E	2	E	6	8	8	033	Dull and cold.
28	87	84	44°7	45°5	40°8	46°0	240	270	81	89	NE	4	N	4	10	9	025	Stormy and cold.
29	82	74	51°0	45°0	41°0	51°2	280	254	75	85	NE	2	NE	1	2	0	130	Very fine.
30	29°67	29°82	43°7	45°8	41°2	51°8	231	226	80	74	W	2	W	1	10	0	077	☀ showers a. Fine afternoon.
Means	29°84	29°86	47°2	45°1	39°8	48°0	231	226	80	74	W	2	W	1	10	0	077	☀ showers a. Fine afternoon.



## BUXTON.

Height above Mean Sea Level, 987 feet. Long. 1° 54' W. Lat. 53° 14' N.

APRIL 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative 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.	42.6	43.3	33.8	45.8	ins.	ins.	86	93	SW 1	SW 1	8	10	ins.	* before ga.
2	29.51	29.59	42.6	43.3	33.8	45.8	237	260	86	93	SW 1	SW 1	8	10	235	* before ga.
3	59	60	48.0	48.7	41.4	58.4	289	316	84	92	S 1	SW 1	8	7	270	* before ga.
4	55	45	47.9	48.7	36.0	61.2	296	298	90	87	S 1	S 1	6	6	110	* before ga.
5	52	36	42.6	48.1	39.8	55.6	258	250	94	74	SE 1	SE 3	10	10	460	* before ga.
6	27	38	46.7	46.9	42.4	53.0	255	308	80	97	S 2	SW 2	6	7	050	* before ga.
7	54	64	48.9	44.6	42.3	57.7	253	278	73	94	SW 2	SW 2	8	9	120	* before ga.
8	57	76	44.4	39.9	39.5	54.1	252	235	86	96	NW 2	NW 1	9	3	160	* before ga.
9	29.88	29.98	50.0	45.6	31.8	56.9	255	277	71	91	NW 2	NW 1	2	8	—	* before ga.
10	30.01	30.05	48.3	38.9	38.5	54.7	269	194	80	83	ENE 2	E 1	6	0	—	* before ga.
11	05	07	39.7	36.0	29.5	48.1	204	192	84	97	ENE 2	ENE 2	9	4	—	* before ga.
12	08	08	39.1	35.6	34.8	49.8	199	196	84	95	E 2	SW 1	10	3	120	* before ga.
13	09	10	37.6	37.0	34.0	50.8	211	195	94	89	ESE 2	E 1	10	4	—	* before ga.
14	11	20	41.1	37.4	32.6	48.1	191	190	75	86	NE 2	SE 2	8	6	030	* before ga.
15	15	30.07	41.3	40.6	35.8	47.8	209	218	81	86	NNE 2	N 1	7	9	—	* before ga.
16	30.03	29.95	41.6	37.4	37.3	45.1	227	215	87	96	N 2	NE 2	10	5	—	* before ga.
17	29.89	29.97	40.6	37.3	27.7	42.8	238	179	94	81	NNE 1	SE 2	9	7	050	* before ga.
18	30.08	30.17	38.6	31.3	31.0	41.3	157	116	67	66	ENE 3	E 4	5	4	—	* before ga.
19	30.10	29.98	34.9	34.9	26.0	42.8	157	174	77	85	ENE 2	E 1	8	10	—	* before ga.
20	29.90	29.96	40.6	37.6	32.3	43.3	179	194	70	86	ENE 2	SW 1	7	10	—	* before ga.
21	29.94	30.01	44.1	38.4	31.5	47.6	204	204	94	88	ENE 1	SE 2	8	8	—	* before ga.
22	30.02	09	38.9	32.4	23.0	46.3	156	174	67	96	E 2	E 2	8	1	—	* before ga.
23	30.10	30.09	37.4	29.9	27.0	47.1	170	154	76	94	E 2	E 1	7	0	—	* before ga.
24	29.97	29.96	43.7	37.9	22.0	48.1	153	183	54	80	E 1	E 1	7	2	—	* before ga.
25	90	91	39.1	34.5	30.0	44.8	159	170	67	85	E 2	E 2	2	0	—	* before ga.
26	91	92	44.1	37.9	28.8	46.6	198	186	69	82	ENE 3	E 1	6	10	—	* before ga.
27	80	78	40.5	38.6	34.5	48.9	180	194	70	83	SW 2	SE 2	6	4	—	* before ga.
28	73	78	41.5	39.9	34.5	46.6	224	196	87	80	E 2	E 3	8	8	100	* before ga.
29	81	84	43.2	41.2	36.2	52.7	244	231	87	90	NE 2	SE 2	8	8	100	* before ga.
30	79	77	43.5	38.6	38.3	52.2	240	216	85	93	E 2	NE 1	10	0	—	* before ga.
Means	29.852	29.878	42.5	39.2	33.5	49.4	218	213	79.6	87.6	2.0	1.6	7.4	5.4	1.990	

## HILLINGTON, NORFOLK.

Height above Mean Sea Level, 88 feet. Long. 0° 33' E. Lat. 52° 48' N.

APRIL 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative 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	29.59	29.66	53.6	51.4	36.0	62.6	333	319	80	85	S 1	SSW 1	10	9	002	☁ a. and p.
2	66	64	58.7	54.8	43.3	68.6	307	344	81	80	SSE 4	SSE 1	8	9	—	Very fine and sunny.
3	55	47	55.9	52.9	44.6	66.8	362	346	81	86	SE 2	SE 2	6	8	038	☁ a. Very fine day. Continuous sunshine 8.30a.—4.20p.
4	57	48	52.5	49.7	42.7	61.4	339	306	86	86	S 3	SE 4	5	10	060	Very fine day. Continuous sunshine 8.30a.—4.25p. ☁ p.
5	38	41	55.0	45.8	45.8	57.3	412	306	92	99	SE 1	SE 1	8	0	003	☁ p. [8.40a.—4.25p. ☁ p.]
6	60	62	51.0	47.9	42.2	60.6	333	334	89	100	S 3	SE 0.5	6	10	128	Bright early a.
7	47	72	49.7	45.9	45.3	54.2	349	309	93	100	NE 0.5	NW 0.5	10	10	100	Overcast all day. Scotch (mist) p.
8	29.88	05	49.8	45.8	44.6	55.5	324	308	91	100	NW 1	NE 1	10	10	002	Warm. ☁ p. [6.35a.—4.35p. ☁ p.]
9	30.01	29.96	50.9	39.6	36.8	53.3	313	225	85	93	NE 1	NE 1	2	0	038	Very fine day. Continuous sunshine 8.30a.—4.25p. ☁ p.
10	29.96	30.03	46.8	42.0	38.6	52.1	271	238	85	90	NE 4	NE 1	7	10	—	Sunny 10a.—5p. ☁ p.
11	30.05	06	42.8	42.0	40.3	49.6	235	233	82	88	NE 0.5	N 0.5	10	10	070	Overcast all day. ☁ p.
12	06	03	42.0	41.5	33.1	48.4	260	255	98	98	NW 0.5	N 0.5	10	10	160	☁ till 1p. Fair afternoon. ☁ 2 sp.
13	04	10	47.3	39.9	37.1	51.4	269	221	83	91	NE 3	NE 0.5	6	5	050	☁ early a. and 8.30a.
14	30.06	30.04	45.2	42.2	37.9	49.4	268	256	90	95	NE 4	NE 1	10	10	077	☁ showers during day.
15	29.96	29.89	44.9	40.2	40.1	50.7	263	242	89	97	NE 3	N 1	10	6	062	☁ showers during day.
16	29.85	29.91	43.5	36.9	36.4	50.5	258	214	91	97	NE 1	NE 1	10	0	018	☁ p.
17	30.04	30.09	41.0	36.2	35.1	44.6	208	173	81	82	E 5	E 5	8	5	—	Cloudy day. [8a.—5.30p.]
18	30.04	29.92	42.8	31.2	31.0	47.6	219	162	80	93	SE 4	NE 0.5	7	3	—	☁ a. and p. Continuous sunshine 8.30a.—6p.
19	29.89	03	46.0	32.3	26.3	49.3	235	171	77	94	NE 3	NE 0.5	3	10	—	☁ a. Continuous sunshine 6.35a.—6p.
20	07	29.98	42.9	33.1	31.2	47.6	237	180	86	96	NE 1	NE 0.5	10	9	020	☁ a.
21	29.99	30.05	40.9	34.0	31.0	50.9	249	187	98	96	E 1	ENE 1	8	1	007	☁ early a. and 8.15a.
22	30.05	30.05	46.5	33.0	30.7	50.6	255	169	82	90	NE 4	E 0.5	4	0	—	☁ 6a. Earthquake felt slightly but distinctly.
23	30.00	29.93	44.0	30.0	25.7	45.9	231	161	80	97	N 1	NE 0.5	10	2	010	☁ a. and p.
24	29.87	85	45.6	37.4	26.1	50.4	248	218	81	97	NE 1	NE 1	7	9	060	☁ before ga. ☁ 5.40p.
25	87	89	47.8	33.3	32.3	53.6	272	190	82	100	NE 1	NE 1	7	1	002	☁ before ga. ☁ 5.40p.
26	82	76	47.3	41.6	25.0	52.2	247	254	76	97	N 1	SE 0.5	4	10	006	☁ before ga.
27	71	70	46.1	43.8	35.1	54.1	261	284	84	99	SE 3	E 1	10	10	057	☁ before ga.
28	79	78	46.8	44.5	36.9	53.6	271	294	85	100	SE 1	E 1	10	10	375	☁ 11.30a.—2.30p. Wind SW. 6.30p.
29	79	75	52.5	43.8	32.2	59.1	324	286	82	100	SSE 1	ESE 0.5	5	0	—	☁ a. Fine, sunny, and mild. ☁ p.
30	29.73	29.78	51.0	41.4	34.6	56.6	315	247	84	95	SW 2	NW 1	10	2	080	☁ 3.15p.—4.45p.
Means	29.840	29.848	47.7	41.1	35.9	53.6	285	248	85.3	94.0	2.1	1.1	7.7	6.3	1.425	

## UPPINGHAM.

Height above Mean Sea Level, 484 feet. Long. 0° 44' W. Lat. 52° 35' N.

APRIL 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	48.2	50.9	34.7	53.3	ins.	ins.	86	91	S 3	S 4	10	10	ins.	Dull all day.
2	29.53	29.61	48.2	50.9	34.7	53.3	302	320	91	87	S 3	S 4	10	10	010	☁ (mist).
3	61	60	55.2	51.2	44.1	64.5	342	299	79	80	S by E 2	S 1	9	8	170	Day bright and warm. ☁ 11p. ☁ (mist).
4	52	45	52.2	51.9	47.8	64.4	353	314	91	82	NE 1	S 1	6	10	033	☁ 5a. ☁ 2 6a.
5	54	39	44.2	48.8	40.4	58.3	281	278	97	80	S by W 1	ESE 4	10	10	207	☁ 7.20a.
6	53	39	48.2	44.6	44.2	54.4	288	265	86	90	S 3	S 1	10	1	—	Day mostly overcast.
7	55	62	50.5	47.7	42.1	55.3	302	289	82	88	SSW 3	S 1	6	10	140	☁ till 3.30p. ☁ 0 p.
8	50	71	44.6	45.3	44.0	50.7	279	272	95	90	N 2	WhyS 1	10	0	164	☁ till 3.30p. ☁ 0 p.
9	86	29.94	50.3	48.8	39.9	62.6	288	257	79	74	NW 2	NE 1	3	8	—	Cloudless at noon. Overcast p.
10	99	30.01	50.2	38.3	38.3	57.6	276	201	77	87	Eby N 1	ENE 1	1	0	—	☁ a. Brilliant day, with very clear air.
11	29.99	05	43.2	37.5	35.2	53.9	213	211	77	94	NbyW 3	E 1	8	0	—	☁ a. Brilliant day, with very clear air.
12	06	05	40.2	39.2	35.1	45.6	199	192	78	86	NNE 1	Calm 0	10	0	010	Dull and gloomy till 7p.
13	05	13	44.2	38.8	34.0	50.9	244	217	84	92	NbyE 1	NbyE 1	10	6	051	Gloomy, with ☁ a.
14	30.09	30.07	40.7	41.0	36.3	47.8	233	235	92	92	NbyE 2	NNE 3	10	6	032	Day very cloudy. ☁ noon.
15	29.98	29.91	43.9	40.0	39.2	49.4	247	222	86	90	NNE 3	N 1	10	10	178	☁ till 3.30p.
16	29.87	29.91	40.9	39.2	35.0	46.2	222	216	87	90	NbyE 1	NNE 1	10	10	013	Gloomy all day.
17	30.03	30.10	42.8	34.6	34.3	42.8	199	158	72	78	ENE 3	NbyW 2	7	8	018	☁ (sleet) 11.20a. and 1p. ☁ 1p.
18	30.06	29.93	37.8	34.9	33.2	42.7	182	169	80	83	NE 1	NE 1	10	9	061	☁ a. Dull till 4.30p. ☁ 9p. ☁.
19	29.89	94	39.9	35.8	32.3	50.7	200	181	81	86	NbyE 1	Calm 0	10	1	—	Sunny all p.
20	29.97	29.98	41.4	39.6	30.5	47.9	208	192	81	88	NbyE 2	NbyE 1	10	10	010	Overcast a.
21	29.98	30.00	41.3	35.0	34.4	50.1	227	180	88	78	ENE 1	Calm 0	8	0	—	☁ 7a. ☁ 6.20p.
22	30.06	30.06	44.3	34.2	30.8	51.7	213	164	72	82	NE 1	Calm 0	5	0	—	☁ showers p.
23	30.00	29.94	42.8	35.3	25.8	51.6	198	199	71	97	ENE 1	NE 1	4	10	045	☁ 7a. ☁ 6.20p.
24	29.88	87	40.9	35.0	28.4	50.1	202	194	80	95	NNE 1	NbyN 1	7	0	018	☁ showers p.
25	90	90	41.9	39.7	31.9	47.2	241	207	92	84	E 1	Calm 0	10	10	—	☁ 7a. ☁ 6.20p.
26	81	81	40.4	39.4	36.1	49.8	216	228	87	95	SSW 1	Calm 0	10	10	—	☁ 7a. ☁ 6.20p.
27	70	71	42.4	40.2	35.9	53.4	250	239	92	96	ESE 1	NbyW 2	4	10	199	☁ 9a.
28	77	78	44.6	43.6	37.9	54.8	274	268	95	94	ENE 2	NNE 1	10	10	195	☁ 8a. Sunny mid-day. ☁ 2 5p.
29	79	76	47.3	46.0	41.6	57.1	298	242	86	78	SW 1	Calm 0	7	0	147	☁ a. ☁ after 9a.
30	29.71	29.82	48.8	39.0	38.7	51.3	266	194	77	82	SW 2	WNW 2	10	0	101	☁ 7a. ☁ 6.20p.
Means	29.836	29.850	44.5	41.1	36.6	52.2	248	228	84.3	87.1	1.7	1.1	8.1	5.9	1.802	☁ showers p. ☁ warm and bright.



## OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

## GELDESTON (BECCLES).

Height above Mean Sea Level, 37 feet. Long. 1° 31' E. Lat. 52° 23' N.

APRIL 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative 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.		
1	29.64	29.70	54.0	50.0	41.0	61.7	in.	in.	%	%	S 2	SE 1	9	6	ins. 0.11.15a.
2	29.69	29.66	51.0	51.0	45.9	64.7	35.1	30.6	63	82	SSE 1	E 1	1	8	0.09p.
3	29.57	29.49	55.0	51.0	45.8	63.9	31.5	30.1	78	81	SSE 2	ESE 2	8	3	0.09a. < 7.5p. 10° to SE. 7.10p. < 7.50p. [to SW. 9p.]
4	29.59	29.48	50.1	50.0	45.1	58.2	31.1	28.6	86	80	SSW 1	ESE 4	5	10	0.030
5	29.41	29.42	51.6	45.7	45.0	53.7	30.9	29.3	80	96	S 1	SSW 1	10	0	0.020
6	29.63	29.60	51.9	47.8	40.8	57.9	32.6	30.8	85	93	SSW 1	NE 2	5	10	0.670
7	29.45	29.70	58.1	47.8	45.8	61.8	40.6	31.2	83	94	S 1	NW 1	8	10	0.090
8	29.85	29.94	50.0	46.7	45.4	53.4	32.9	30.4	92	96	NW 1	ENE 1	10	10	—
9	29.99	29.94	47.1	41.0	39.9	48.8	25.2	23.5	78	92	E 2	N 1	4	9	0.090
10	29.91	30.00	45.6	42.0	38.0	50.5	24.6	23.9	81	90	NNE 2	NNE 2	6	10	—
11	30.03	30.06	44.8	43.0	40.2	50.7	21.6	21.9	73	79	N 1	ESE 1	10	10	—
12	30.05	30.02	42.8	37.1	36.9	44.0	23.6	21.9	86	99	NW 1	Calm	10	0	—
13	30.01	30.08	46.7	40.0	33.9	48.6	23.6	20.9	75	85	N 1	NE 1	8	2	0.020
14	30.04	30.02	45.4	43.1	34.9	48.7	23.2	21.6	77	78	NNE 1	NE 1	6	10	0.010
15	29.95	29.87	44.9	42.1	41.1	51.5	25.1	25.1	88	93	NNE 1	ENE 1	10	9	0.060
16	29.84	29.89	45.0	39.0	36.9	48.5	23.3	21.8	78	92	NE 1	NE 1	10	7	0.020
17	30.00	30.06	41.0	37.1	35.9	42.2	18.0	14.8	70	67	ENE 3	ENE 4	10	8	0.010
18	30.03	29.90	40.1	38.1	36.3	42.1	15.7	15.6	63	67	E 3	NE 4	5	8	—
19	29.87	29.91	39.9	40.1	35.9	43.9	17.3	17.3	70	69	ENE 1	NE 1	10	9	—
20	29.94	29.97	43.0	40.1	35.7	45.9	16.5	20.6	59	83	NE 1	ENE 2	10	9	0.010
21	29.97	30.03	41.9	40.0	34.8	46.8	21.0	17.0	80	68	E 2	ENE 2	10	2	0.060
22	30.03	30.03	43.9	35.1	33.3	46.4	17.0	16.3	59	79	ENE 3	NNE 1	4	1	—
23	29.98	29.92	44.8	34.1	31.9	47.7	17.0	19.3	57	98	NE 2	NNW 1	5	3	0.020
24	29.84	29.83	43.0	39.1	28.0	47.8	21.5	21.7	78	91	NNE 3	NNE 1	9	5	0.030
25	29.86	29.87	45.2	37.1	35.1	47.9	21.5	18.8	72	85	N 2	N 1	9	0	—
26	29.81	29.78	47.8	40.2	27.8	49.3	20.8	22.2	63	90	N 1	E 1	6	2	0.070
27	29.73	29.72	47.2	43.2	37.8	50.1	27.8	27.5	86	98	SSE 2	SSE 1	9	0	0.170
28	29.79	29.81	45.0	41.8	39.3	51.7	27.1	24.9	91	95	E 2	SE 1	10	0	0.020
29	29.79	29.77	48.5	45.0	32.6	56.2	28.5	28.2	83	94	NE 1	Calm	10	1	—
30	29.74	29.77	53.0	43.3	35.7	60.1	27.7	24.8	69	88	SW 1	W 2	10	10	—
Means	29.835	29.840	47.2	42.4	37.9	51.5	25.1	23.7	75.9	86.2	1.6	1.4	7.9	5.7	1.470

## CHELTENHAM.

Height above Mean Sea Level, 184 feet. Long. 2° 3' W. Lat. 51° 54' N.

APRIL 1884.

1	29.52	29.61	43.7	40.3	34.7	50.2	27.1	30.9	95	99	S 2	S 1	10	10	1.170	Squally before 9a. ● all day.
2	29.53	29.56	54.8	52.0	42.0	61.2	36.4	36.1	84	93	SE 5	S 3	5	9	1.120	Beautiful day. ● < n.
3	29.46	29.43	58.2	47.6	42.0	62.5	37.4	31.2	77	95	E 3	S 2	7	10	0.080	Fine.
4	29.40	29.50	51.5	42.2	38.0	58.0	31.2	34.2	86	90	SE 4	SE 6	5	10	0.330	Very fine till 7p., then squally ● ●.
5	29.27	29.36	50.2	46.6	45.6	55.6	32.5	29.6	90	94	S 6	S 5	8	1	0.010	Squally a. Fine and pleasant day.
6	29.54	29.59	53.8	48.3	45.5	57.4	33.4	31.7	80	94	S 4	S 1	4	9	2.100	Dull day. U 9p.
7	29.57	29.76	46.5	49.4	45.5	57.2	31.7	31.2	100	89	W 1	S 1	10	4	0.060	● a. Fine and bright p.
8	29.92	29.92	43.0	44.6	32.8	61.2	27.4	28.3	99	96	Calm	NW 1	3	8	—	☁ (mist) 9a. Lovely day.
9	29.99	29.99	48.8	43.6	43.6	58.0	31.5	23.8	91	84	NE 3	E 1	10	0	—	Lovely day.
10	30.01	30.05	41.1	35.6	33.4	51.8	24.5	20.0	95	97	N 2	E 1	10	1	—	Fine, but cold.
11	30.08	30.06	39.8	42.0	28.4	52.0	21.9	23.8	90	89	Calm	NW 1	1	5	—	Fine day.
12	30.04	30.06	45.2	35.4	33.1	49.1	25.8	20.3	86	98	NW 1	NW 1	7	3	—	Very fine and bright.
13	30.09	30.15	42.6	39.0	30.5	51.2	26.2	22.0	96	93	N 1	N? 1	5	4	—	Fine and sunny.
14	30.11	30.08	43.0	42.5	33.1	46.4	23.7	20.3	85	97	NE 4	NE 2	10	10	1.120	—
15	30.01	29.92	43.8	41.2	40.0	48.0	25.3	25.7	88	99	NW 2	Calm	9	9	0.010	—
16	29.89	29.89	38.0	42.1	33.2	45.6	19.0	23.2	83	87	N 1	N 1	10	10	0.010	Very dull and cold.
17	29.98	29.97	44.1	37.9	37.1	45.8	20.7	18.4	72	84	E 3	E 2	5	9	—	Very cold day. ✖.
18	30.03	29.93	42.1	35.1	33.3	44.2	17.3	18.3	66	89	E 2	NE 1	7	4	—	Very cold day. ✖.
19	29.89	29.92	39.8	41.0	33.4	46.4	19.3	21.6	79	84	NE 1	Calm	10	3	—	Milder.
20	29.97	29.98	45.0	35.1	34.0	47.6	21.4	17.9	71	87	E 1	Calm	8	1	0.010	Dull day.
21	29.98	30.03	43.5	39.3	29.1	49.3	19.5	18.6	69	79	NE 1	NE 1	6	0	—	Dull day.
22	30.06	30.03	43.6	39.1	26.5	49.6	19.6	19.6	68	82	NE 1	Calm	7	0	—	Dull.
23	29.99	29.90	45.0	38.3	26.0	51.4	18.3	18.7	61	81	E 1	E 3	1	0	—	Very fine.
24	29.87	29.83	42.6	39.8	34.5	49.1	17.6	19.1	66	78	E 3	N 2	5	0	—	Beautiful day.
25	29.88	29.90	41.6	42.0	32.5	48.0	21.9	22.7	84	86	NE 1	Calm	6	10	—	Dull all day.
26	29.82	29.71	46.0	42.5	37.3	52.1	23.0	23.4	75	86	SW 2	S 2	9	10	0.010	Pleasant day.
27	29.66	29.72	47.4	43.7	28.4	52.2	23.8	24.9	74	87	E 1	E 1	4	10	1.120	Fine and pleasant a. Cold, with ● p.
28	29.75	29.79	42.2	44.2	40.0	49.8	26.7	27.8	99	96	NW 1	W 1	10	8	1.130	● showers all day.
29	29.77	29.77	49.6	38.8	38.8	56.0	26.0	23.0	74	98	NW 1	Calm	6	1	—	Beautiful day.
30	29.73	29.88	48.3	38.2	33.0	53.4	29.9	21.7	89	94	SW 3	SW 1	9	0	1.100	—
Means	29.827	29.838	45.5	42.1	35.7	52.0	25.3	24.5	82.4	90.1	2.0	1.4	6.9	5.3	1.490	—

APRIL 1884.

## CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long. 4° 18' W. Lat. 51° 52' N.

APRIL 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative 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. 29.38	ins. 29.52	49.8	45.1	42.4	51.9	in. .261	in. .203	73	88	S 4	SE 1	6	8	ins. .300	Squally till 3a.
2	.48	.52	47.4	45.7	44.1	50.8	.305	.279	94	92	SE 2	SE 2	10	7	.500	
3	.47	.44	47.4	44.0	44.0	48.4	.309	.270	95	94	Calm 0	Calm 0	10	0	.350	☁ all day.
4	.37	.09	51.2	46.9	42.2	56.0	.277	.288	74	91	SW 5	SE 2	7	10	.320	● p.
5	.17	.26	52.0	47.9	44.1	56.3	.285	.297	74	90	S 5	SW 4	5	9	.210	Squally before 9a. ● showers.
6	.49	.57	52.0	48.9	47.0	58.1	.312	.280	81	81	S 2	E 1	7	10	—	Fine day.
7	.60	.76	48.5	46.5	45.0	58.1	.296	.290	88	93	NW 1	SW 1	10	6	—	Very fine.
8	.90	.95	47.6	44.4	41.2	58.1	.284	.237	87	81	Calm 0	Calm 0	10	0	—	Fine day. ☁ 9p.
9	29.95	29.97	52.6	45.1	36.6	58.3	.297	.279	75	93	Calm 0	Calm 0	10	0	—	Fine day.
10	30.01	30.02	50.0	43.6	36.2	57.5	.244	.231	68	81	Calm 0	Calm 0	10	0	—	Fine day.
11	.03	.03	51.6	44.2	34.4	56.2	.237	.217	63	74	E 1	E 1	1	1	—	Fine day.
12	.04	.08	48.2	40.0	39.3	58.1	.256	.187	76	75	W 1	Calm 0	5	0	—	Fine day.
13	.12	.16	46.7	42.3	36.2	52.4	.196	.198	62	74	E 3	NE 3	7	0	—	Fine day.
14	.15	30.11	45.2	45.5	38.2	48.8	.181	.226	60	75	NE 3	NE 4	9	10	—	Dull day.
15	30.04	29.93	47.1	45.2	43.2	49.6	.209	.280	65	93	N 4	Calm 0	9	10	.040	Dull, with ● showers.
16	29.88	29.89	47.9	44.0	37.5	49.7	.199	.197	60	68	E 3	E 1	0	10	—	Dull day.
17	29.96	30.07	43.6	35.8	35.3	49.4	.198	.122	69	58	NE 5	NE 4	10	0	—	Fine, but cold.
18	30.02	29.91	44.4	40.0	33.5	49.4	.166	.177	56	71	E 4	E 2	1	10	—	Fine, but cold.
19	29.90	.94	46.3	41.3	37.4	47.4	.176	.186	57	73	NE 3	NE 3	7	10	—	Dull.
20	.97	29.97	44.9	39.8	36.4	50.4	.216	.220	73	91	Calm 0	NE 1	10	10	.090	Frequent ● showers.
21	29.96	30.01	48.9	41.5	38.0	51.4	.266	.187	77	73	Calm 0	N 1	5	2	—	Fine day.
22	30.05	30.02	48.4	37.0	32.4	52.2	.192	.177	57	81	E 1	Calm 0	1	0	—	Fine day.
23	29.95	29.86	47.9	40.0	29.5	52.4	.186	.184	56	74	Calm 0	Calm 0	0	0	—	Fine day.
24	.84	.85	44.5	38.8	33.3	51.0	.225	.162	77	69	E 1	Calm 0	7	0	—	Fine day.
25	.91	.87	46.4	42.4	34.6	51.8	.191	.205	61	76	E 2	Calm 0	6	10	—	Fine day.
26	.79	.66	48.2	36.5	35.4	50.0	.225	.196	67	92	S 1	E 1	7	0	.140	☁ ✕ ● p.
27	.62	.78	46.4	42.2	34.4	51.8	.233	.204	75	77	E 2	E 3	10	0	—	Fine day.
28	.79	.79	43.5	44.0	36.8	51.6	.221	.240	79	81	N 3	N 1	10	7	—	
29	.77	.77	49.0	39.6	39.0	56.3	.254	.218	73	90	N 1	Calm 0	0	0	.100	
30	29.73	29.89	46.1	41.3	36.3	53.6	.252	.230	82	89	NW 1	SW 1	10	2	—	
Means	29.812	29.822	47.8	42.7	38.1	52.9	.238	.224	71.8	81.3	1.9	1.2	6.0	4.4	2.050	



## MARGATE.

Height above Mean Sea Level, 83 feet. Long. 1° 24' E. Lat. 51° 24' N.

APRIL 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	53.1	52.4	40.0	63.9	ins.	ins.	77	74	S 2	SE 1	4	1	ins.	Very fine. ☽ <sup>2</sup> p.
2	29.66	29.72	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
3	29.69	29.75	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
4	29.71	29.77	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
5	29.73	29.79	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
6	29.75	29.81	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
7	29.77	29.83	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
8	29.79	29.85	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
9	29.81	29.87	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
10	29.83	29.89	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
11	29.85	29.91	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
12	29.87	29.93	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
13	29.89	29.95	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
14	29.91	29.97	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
15	29.93	29.99	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
16	29.95	30.01	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
17	29.97	30.03	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
18	29.99	30.05	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
19	30.01	30.07	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
20	30.03	30.09	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
21	30.05	30.11	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
22	30.07	30.13	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
23	30.09	30.15	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
24	30.11	30.17	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
25	30.13	30.19	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
26	30.15	30.21	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
27	30.17	30.23	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
28	30.19	30.25	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
29	30.21	30.27	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
30	30.23	30.29	57.6	57.0	47.9	65.7	342	303	72	65	SE 2	SE 2	5	6	—	Very fine. ☽ <sup>2</sup> p.
Means	29.830	29.838	46.7	44.7	41.3	51.3	230	237	76.9	70.9	1.9	1.9	7.3	5.9	1.450	

## SOUTHAMPTON.

Height above Mean Sea Level, 78 feet. Long. 1° 24' W. Lat. 50° 55' N.

APRIL 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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	29.55	29.62	50.9	54.0	44.2	54.6	303	303	82	73	S 4.5	S 4	10	10	0.018	Fine and mild a.
2	29.59	29.68	55.8	51.7	49.1	61.7	336	319	75	83	SE 3	SE 2	4	10	0.002	Beautifully fine and mild.
3	29.49	29.58	55.8	47.4	45.2	60.4	308	306	69	94	SE 1.5	SW 1	10	10	0.075	
4	29.52	29.61	53.8	49.1	43.9	57.8	308	324	75	93	SE 3	SE 6	2	10	0.340	Beautiful day till 6.15 p., then ☽.
5	29.54	29.63	51.3	47.1	46.7	56.5	303	297	80	92	SSE 2.5	S 3	10	10	0.170	Fine and pleasant from 10.30 a.
6	29.60	29.69	52.6	48.9	47.0	56.6	326	309	81	90	SSW 1.5	SE 1	9	10	0.450	Beautiful morning. Day mostly dull. ☽.
7	29.59	29.68	47.4	48.7	45.9	58.6	311	304	95	89	NW 2	WNW 1.5	10	1	0.007	☽ till 10 a., then fine and pleasant. ☽.
8	29.63	29.72	48.8	49.0	39.9	62.7	288	300	83	87	NNE 1.5	W 1.5	9	0	—	☽ on grass a. and p. Delightful day.
9	29.66	29.75	50.6	45.2	44.8	58.1	323	285	88	94	NNE 2	ENE 1.5	10	0	—	☽ a. and p. Day dull. ☽ throughout.
10	29.60	29.69	44.1	42.9	34.3	54.2	241	224	82	82	NNE 2	NNE 1	10	0	—	☽ a. and p. Beautiful day throughout.
11	29.68	29.77	40.9	42.7	33.3	53.3	216	237	85	86	NE 2	WSW 0.5	10	0	—	Beautiful day. ☽ on grass n.
12	29.67	29.76	47.7	42.9	38.0	55.6	259	248	79	90	SW 1.5	NE 2	10	5	—	☽ on grass a.
13	29.65	29.74	48.9	41.6	34.4	51.3	236	218	68	83	NE 3	NE 2	7	0	—	Beautiful morning. ☽ 2p. ☽ on grass [p].
14	29.69	29.78	42.7	44.3	34.4	53.2	234	249	86	85	NE 2	NE 1.5	10	10	0.032	
15	29.60	29.69	45.8	45.1	40.1	51.2	243	254	80	85	NE 2.5	N 2	10	10	0.003	
16	29.86	29.95	44.2	40.7	48.8	52.7	227	242	76	83	NNE 3	NE 2	10	10	—	Day dull and cold.
17	29.91	29.99	44.6	38.1	37.1	48.6	232	264	79	71	NE 4	NE 4.5	10	10	—	Fine day, with cold drying wind.
18	29.98	29.98	41.3	35.8	33.9	46.3	238	255	61	73	NE 5.5	NE 1	6	0	—	Fine day, with cold drying wind.
19	29.86	29.95	41.4	37.1	29.9	46.3	216	260	62	76	NE 2.5	NE 0.5	8	0	—	Beautiful day, but with cold wind.
20	29.96	29.97	46.1	42.7	31.3	51.4	284	200	59	73	NE 3	NE 1	7	10	—	Fine and pleasant.
21	29.97	29.98	45.4	38.9	32.2	52.4	222	270	74	72	N 1.5	NE 1.5	10	0	—	Fine and pleasant. [wind.]
22	30.02	30.03	44.6	37.6	29.7	50.1	189	269	64	75	NE 3	NE 1	3	0	—	☽ early a. Fine and dry, with cold.
23	29.98	29.99	47.2	38.8	28.6	52.6	200	201	62	85	NE 2.5	NE 1	1	0	—	☽ early a. Beautiful day. ☽ n.
24	29.85	29.94	46.6	42.1	32.4	51.9	200	204	63	76	NE 2.5	NE 1	1	3	—	Cold wind a. Beautiful day.
25	29.86	29.95	47.6	44.1	32.0	52.9	226	243	69	83	NE 2.5	SW 1	5	10	—	☽ early a. Fine and pleasant.
26	29.85	29.94	50.0	43.7	40.1	51.0	245	251	68	88	SW 1.5	SW 2.5	10	10	0.256	
27	29.64	29.73	42.5	42.5	34.1	47.6	263	263	97	97	NE 2	W 1.5	10	10	0.310	
28	29.76	29.85	45.9	44.0	40.5	52.0	263	263	86	91	NW 2	SW 1.5	10	1	0.004	☽ on grass p. [☽ a. and p.]
29	29.80	29.89	40.9	47.6	33.3	59.2	281	280	88	86	WNW 1	WSW 1.5	9	0	—	☽ before 9a. ☽ 9a. ☽ Beautiful day.
30	29.88	29.97	50.8	45.3	36.2	56.6	304	265	82	88	SW 1.5	NW 1.5	10	1	—	Beautiful day. ☽ on grass a. and p.
Means	29.832	29.830	47.4	44.1	37.8	53.8	253	247	76.6	84.1	2.4	1.8	8.0	5.0	1.067	

## ST. LEONARDS.

Height above Mean Sea Level, 116 feet. Long. 0° 33' E. Lat. 50° 51' N.

APRIL 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	49.7	51.6	47.0	55.6	ins.	ins.	89	81	S	S	1	9	3	ins.	
2	29.68	29.71	52.7	55.6	48.6	58.6	.322	.327	81	74	SSE	SSE	2	8	2	.003	
3	53	50	52.0	46.5	46.2	59.4	.323	.310	83	98	ESE	SE	3	8	10	.046	
4	50	55	51.7	51.7	46.2	55.8	.317	.309	83	81	SE	ESE	5	0	10	.085	
5	42	50	48.6	47.0	46.2	52.6	.318	.308	93	96	SE	S	1	10	9	.169	
6	64	53	52.0	48.3	47.0	53.1	.338	.313	87	93	SE	NNE	4	1	9	.130	
7	48	77	48.0	49.3	47.8	53.6	.325	.331	97	95	NW	NW	2	10	10	.115	
8	90	92	53.0	51.8	45.2	57.0	.311	.331	75	85	NW	NW	2	2	10	.009	
9	94	29.95	55.3	42.4	42.4	56.5	.285	.223	65	83	NE	NNE	2	0	0	—	
10	29.94	44.8	42.7	38.4	53.6	.226	.248	77	83	NNW	N	3	9	0	—	Very fine day.	
11	30.06	07	43.7	43.0	39.2	52.2	.218	.219	76	79	NNE	N	1	8	0	—	Evening obs. taken rather late.
12	07	03	47.2	44.3	41.1	52.1	.245	.241	76	82	SE	NNE	2	4	10	—	Fine and sunny p.
13	03	05	44.0	40.8	36.1	52.8	.236	.212	80	84	NNE	NNE	2	7	0	—	Fine and sunny p.
14	30.03	30.01	47.7	41.5	36.7	52.8	.241	.221	73	85	NNE	NNE	2	5	1	—	
15	29.95	29.87	48.9	44.7	40.3	53.0	.224	.284	64	96	NNE	NNE	2	4	10	.018	
16	84	85	46.2	42.5	40.0	51.0	.227	.216	73	81	NE	NNE	3	10	0	.058	
17	89	95	41.6	38.6	38.6	47.6	.229	.166	88	71	NE	E	6	9	10	.010	
18	94	85	39.5	35.1	34.6	46.6	.156	.150	65	73	ENE	ENE	4	6	1	—	all day. Overcast.
19	82	88	41.7	39.2	35.1	47.0	.178	.171	68	73	ENE	ENE	4	10	4	—	a. and in afternoon.
20	92	95	41.7	40.0	37.2	48.0	.192	.215	73	87	NNE	N	3	10	1	.030	
21	95	29.99	38.9	39.7	35.4	50.2	.214	.205	91	84	NE	N	3	9	3	.028	
22	98	30.01	43.2	38.4	35.6	48.2	.208	.186	75	81	NE	NE	3	6	0	—	● ▲ showers.
23	97	29.99	48.7	38.4	34.0	50.6	.213	.186	61	81	NE	NE	2	2	0	—	
24	83	82	46.6	38.0	32.9	49.4	.215	.201	68	88	NE	NE	3	2	0	.004	
25	83	89	47.6	41.7	35.9	48.1	.244	.221	74	84	NE	N	2	8	10	.036	
26	86	80	43.8	41.5	37.8	48.0	.217	.243	75	93	SE	WNW	2	10	10	.675	
27	69	74	45.3	46.0	40.7	50.2	.289	.280	96	91	SSE	SW	2	10	0	.600	
28	77	81	45.0	45.6	42.9	50.2	.271	.276	91	90	SW	S	1	9	0	.005	
29	79	78	49.7	47.7	40.4	55.1	.302	.272	86	79	NE	Calm	0	7	5	—	☾ p.
30	29.78	29.84	51.2	47.7	47.1	54.0	.302	.296	80	90	SW	WSW	1	5	7	—	
Means	29.825	29.831	47.2	44.1	40.6	52.1	.257	.248	78.8	84.7	3.1	2.5	6.8	4.2	2.031		



## BABBACOMBE.

Height above Mean Sea Level, 293 feet. Long. 3° 31' W. Lat. 50° 29' N.

APRIL 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	43°	45°	41°	47°	ins.	ins.	94	99	S 3	SSW 3	10	10	ins.	Squally (gale) before 9a. Dull day.
2	29° 51	29° 57	43°	45°	41°	47°	29° 51	29° 57	94	99	SSE 3	ENE 1	10	10	29° 51	Fine red sunset. 11.15p.—11.50p.
3	49	48	45°	45°	45°	49°	30° 3	29° 5	98	98	Calm	S 2	10	7	29° 3	(mist) a. U 8p.—10p. D <sup>2</sup> p.
4	41	40	48°	47°	44°	50°	28° 4	30° 2	85	93	SE 4	SE 5	9	9	29° 4	29° 4
5	27	35	49°	47°	44°	51°	32° 5	29° 2	91	90	S 4	SSW 5	10	4	29° 5	29° 5
6	55	59	49°	46°	46°	54°	32° 3	30° 6	91	96	S 2	NE 1	10	9	29° 6	29° 6
7	62	82	51°	45°	44°	57°	30° 7	27° 1	82	90	W 2	WSW 2	9	1	29° 7	29° 7
8	93	96	49°	45°	37°	55°	29° 0	28° 6	82	95	NE 1	WNW 1	5	0	29° 8	29° 8
9	29° 97	29° 97	54°	49°	39°	55°	29° 2	29° 8	68	84	ENE 1	WNW 1	1	10	29° 9	29° 9
10	30° 01	30° 04	47°	41°	39°	50°	21° 7	22° 7	67	89	NE 3	Calm	0	2	29° 10	29° 10
11	06	06	45°	41°	38°	51°	26° 5	24° 7	89	94	ENE 2	ESE 1	10	3	29° 11	29° 11
12	05	03	47°	45°	36°	53°	29° 3	26° 8	91	88	NE 2	NNE 3	9	2	29° 12	29° 12
13	07	10	46°	43°	39°	50°	23° 4	21° 4	74	74	NNE 3	NNE 4	10	10	29° 13	29° 13
14	11	30° 06	42°	44°	38°	47°	21° 7	23° 5	79	79	NNE 3	NNE 4	10	10	29° 14	29° 14
15	30° 02	29° 02	43°	45°	41°	46°	22° 5	23° 5	77	79	NE 4	N 3	10	10	29° 15	29° 15
16	29° 87	29° 86	44°	43°	40°	49°	21° 2	20° 9	73	73	ENE 3	NE 3	8	10	29° 16	29° 16
17	90	97	42°	39°	39°	47°	22° 3	15° 7	82	65	ENE 5	ENE 7	9	10	29° 17	29° 17
18	97	88	38°	40°	35°	45°	15° 5	16° 2	66	64	ENE 5	NNE 3	7	10	29° 18	29° 18
19	87	91	40°	41°	33°	45°	15° 2	15° 2	69	60	NE 4	N 3	8	10	29° 19	29° 19
20	97	29° 99	42°	43°	38°	48°	16° 5	18° 2	66	66	ENE 3	NE 2	2	8	29° 20	29° 20
21	29° 98	30° 01	45°	38°	35°	48°	19° 3	20° 8	63	60	ENE 2	NNE 1	2	2	29° 21	29° 21
22	30° 03	30° 01	42°	43°	35°	49°	17° 1	19° 5	62	69	NE 4	ENE 3	1	4	29° 22	29° 22
23	29° 98	29° 88	43°	41°	36°	47°	17° 2	17° 7	61	68	ENE 3	E 2	1	0	29° 23	29° 23
24	85	83	38°	40°	38°	47°	18° 8	18° 8	80	76	NE 3	NNE 1	10	1	29° 24	29° 24
25	88	90	43°	46°	36°	51°	21° 4	21° 8	77	70	NE 3	NNE 1	3	10	29° 25	29° 25
26	85	77	50°	38°	38°	53°	23° 3	22° 2	65	95	SSW 2	SW 2	3	1	29° 26	29° 26
27	63	74	43°	41°	38°	50°	26° 7	23° 9	96	91	E 2	N 2	10	2	29° 27	29° 27
28	80	81	48°	44°	38°	51°	24° 7	24° 9	72	85	NNW 2	WNW 1	3	10	29° 28	29° 28
29	79	81	49°	44°	41°	54°	27° 0	25° 6	78	86	ENE 2	WNW 2	3	2	29° 29	29° 29
30	29° 81	29° 93	48°	43°	37°	54°	25° 6	25° 8	74	82	SW 3	WNW 3	9	3	29° 30	29° 30
Means	29° 825	29° 825	45°	43°	39°	50°	24° 2	23° 8	77° 6	83° 0	2° 8	2° 4	6° 5	5° 7	2° 190	

## ST. AUBIN'S, JERSEY.

Height above Mean Sea Level, 139 feet. Long. 2° 10' W. Lat. 49° 11' N.

APRIL 1884.

1	29° 60	29° 66	51°	51°	48°	55°	31° 9	30° 3	84	79	S by E 3	S by E 2	9	10	—	Squally a. Day cloudy and mild.
2	60	60	51°	51°	48°	55°	32° 0	32° 8	84	87	SE 2	SW 1	10	2	33° 0	Overcast and mild.
3	52	56	47°	48°	46°	51°	31° 4	30° 1	97	88	Calm	S by E 2	10	7	100° 0	Overcast day. U at times p.
4	49	27	50°	48°	46°	53°	28° 6	28° 6	80	84	SE 5	SW 3	7	6	202° 0	0 a. Squally a. and p. U p.
5	37	50	49°	50°	46°	53°	30° 5	30° 3	86	84	S by E 2	SW 3	9	0	—	Very fine evening.
6	62	61	49°	47°	47°	51°	32° 5	29° 9	91	93	SE 1	Calm	0	9	150° 0	0 a. Fine early a. Day gloomy.
7	67	89	51°	47°	45°	57°	34° 8	31° 8	93	97	W 2	NW 1	9	1	—	Extremely fine p. D <sup>2</sup> p. Cuckoo heard.
8	97	97	48°	48°	44°	56°	32° 7	31° 2	97	93	Calm	NE 1	10	0	—	0 a. Extremely fine p. D p.
9	98	29° 99	55°	48°	42°	61°	31° 4	28° 7	71	84	N 1	NE 1	3	7	—	0 a. Extremely fine. "Greatest range of temp. I have yet recorded in April."
10	29° 99	30° 05	51°	45°	44°	53°	25° 5	22° 6	68	75	N by E 1	NE 2	9	0	—	Extremely fine day.
11	30° 08	08	53°	46°	40°	55°	27° 7	24° 4	69	79	E by S 2	NE 2	1	0	—	0 a. Extremely fine. Swallow seen.
12	06	02	54°	47°	42°	56°	28° 2	24° 8	68	76	E 2	NE 2	2	8	—	Extremely fine a.
13	03	06	50°	44°	44°	53°	24° 7	20° 9	68	71	NE 2	NE 2	5	0	—	Extremely fine.
14	30° 04	30° 03	47°	45°	42°	49°	20° 8	22° 8	65	75	NE 3	NE 2	7	2	—	Cloudy, with cold breeze. [flower. Lilac in flower.]
15	29° 98	29° 02	50°	46°	42°	50°	22° 6	24° 4	63	79	NE 2	NE 1	4	8	018° 0	Cold wind.
16	85	83	47°	45°	43°	48°	24° 5	23° 4	76	77	NE 2	NE 2	9	8	045° 0	Gloomy day. 0 p.
17	83	88	46°	42°	40°	50°	25° 2	20° 9	82	78	NE 2	NE 3	9	10	034° 0	Overcast, with cold wind.
18	87	84	42°	40°	38°	44°	17° 3	16° 9	63	67	NE 4	NE 3	8	8	—	Squally n. and a. 0 at times. Cold.
19	82	89	40°	41°	39°	42°	19° 3	17° 3	67	67	NE 2	NE 1	10	10	—	"Gloomiest April day I have yet recorded here." Cold.
20	93	99	44°	42°	40°	46°	18° 7	18° 7	64	70	NE 2	NE 1	10	8	—	Gloomy and cold. [recorded here.] Cold.
21	96	99	50°	42°	40°	50°	20° 8	20° 3	58	76	NE 2	NE 2	4	0	—	Cold breeze.
22	97	98	48°	41°	39°	49°	17° 8	17° 6	55	68	NE 2	NE 1	3	2	—	Very dry, with cold wind.
23	96	87	47°	42°	39°	49°	18° 7	18° 7	64	70	E by N 3	NE 3	3	0	—	Fine, bright, with cold wind.
24	83	82	46°	42°	39°	48°	21° 0	19° 7	68	74	NE 2	NE 2	4	0	—	Fine and dry, with cold wind. W.
25	84	80	49°	43°	40°	52°	21° 0	21° 2	59	76	NE 1	NE 2	3	0	—	Extremely fine, but with cold breeze. [Hawthorn in flower.]
26	91	87	49°	45°	42°	53°	23° 2	27° 5	67	92	SW 2	SW 2	9	10	380° 0	0 a. and op. Very fine day.
27	72	76	50°	45°	44°	54°	23° 5	23° 5	83	92	WSW 3	SW 2	2	10	440° 0	0 a. Extremely fine. D <sup>0</sup> p.
28	83	84	51°	42°	39°	53°	30° 1	23° 9	79	90	SW 2	Calm	0	9	0	0 a. 0 at times. Very fine. D <sup>0</sup> p.
29	81	84	52°	44°	40°	55°	25° 2	25° 0	64	86	NE 1	Calm	0	2	0	
30	29° 89	29° 97	53°	46°	41°	57°	29° 7	28° 2	73	90	NW 1	NW 1	7	0	—	
Means	29° 833	29° 845	49°	45°	42°	52°	26° 0	24° 7	73° 8	80° 6	2° 0	1° 7	6° 5	4° 2	1° 690	

Earth temperature: Mean of ten readings (every third day), at 1 foot, 51° 2; 3 feet, 48° 9; 6 feet, 50° 9.

## LONDONDERRY.

Height above Mean Sea Level, 93 feet. Long. 7° 19' W. Lat. 55° 0' N.

APRIL 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	42°	44°	32°	52°	ins.	ins.	79	82	S 2	S 2	3	10	ins.	* before 9a. ● and * (sleet) showers p.
2	29° 24	29° 37	42°	44°	39°	57°	29° 2	29° 2	77	87	S 1	E 1	6	1	29° 2	
3	45	54	48°	45°	37°	50°	27° 6	26° 2	77	87	S 1	E 1	6	1	29° 3	
4	29° 37	29° 29	47°	46°	43°	56°	30° 8	30° 1	96	94	SE 1	Calm	0	10	29° 4	
5	28° 91	15	46°	45°	44°	53°	26° 1	26° 7	84	87	S 1	S 1	7	8	29° 5	
6	29° 26	54	48°	46°	41°	57°	27° 2	25° 9	82	82	SW 3	S 1	10	5	29° 6	
7	55	72	51°	42°	41°	59°	29° 5	24° 2	78	90	SE 1	SW 1	8	0	29° 7	
8	29° 91	29° 99	49°	43°	33°	56°	24° 3	25° 1	69	88	E 1	E 1	1	0	29° 8	
9	30° 00	30° 00	54°	47°	35°	63°	29° 1	28° 9	68	88	NNW 1	SW 1	0	0	29° 9	Fine and clear.
10	04	07	51°	41°	41°	62°	26° 7	26° 7	70	87	SE 2	S 1	0	0	29° 10	Fine and clear.
11	07	07	53°	43°	35°	59°	27° 9	26° 2	67	93	Calm	Calm	0	3	29° 11	Fine and clear.
12	19	22	49°	41°	39°	52°	22° 7	22° 7	70	87	S 1	NW 1	1	0	29° 12	Fine and clear.
13	28	33	49°	43°	35°	54°	25° 1	24° 5	71	88	N 1	NW 1	4	0	29° 13	Fine and clear.
14	35	51	48°	43°	40°	51°	24° 5	24° 5	71	85	NE 2	NE 1	10	7	29° 14	
15	30° 21	05	48°	45°	43°	52°	24° 9	25° 5	75	85	N 1	E 6	10	9	29° 15	
16	29° 94	04	48°	42°	40°	55°	20°	22°	80	81	NE 1	E 1	10	9	29° 16	
17	30° 10	24	45°	42°	36°	52°	22°	23°	73	80	NE 2	N 1	5	10	29° 17	Overcast and cold.
18	30° 15	02	47°	40°	33°	50°	24°	21°	77	85	NW 1	Calm	0	10	29° 18	Overcast and cold.
19	29° 98	00	45°	40°	39°	52°	25°	23°	82	95	SE 1	NE 1	10	0	29° 19	
20	30° 03	06	46°	41°	37°	51°	26°	23°	84	91	SW 2	S 1	10	8	29° 20	
21	06	30° 06	48°	47°	40°	53°	26°	26°	76	75	Calm	S 1	10	10	29° 21	
22	30° 04	29° 07	46°	41°	33°	53°	24°	25°	77	81	W 1	SW 1	10	10	29° 22	
23	29° 92	87	49°	43°	41°	56°	26°	24°	74	87	SW 2	Calm	0	10	29° 23	
24	87	91	49°	42°	38°	52°	21°	21°	62	70	S 2	SW 1	6	10	29° 24	Overcast all day.
25	91	85	50°	44°	39°	54°	24°	25°	66	87	SE 1	S 1	4	10	29° 25	☼ (mist) p.
26	74	70	45°	40°	37°	53°	26°	19°	87	79	S 1	S 1	7	1	29° 26	▲ a. and p.
27	29° 81	05	49°	42°	34°	54°	24°	24°	69	89	NE 1	S 1	4	0	29° 27	Fine and clear.
28	30° 05	97	48°	42°	37°	54°	21°	22°	63	83	E 1	Calm	0	0	29° 28	Fine and clear.
29	30° 83	03	48°	45°	33°	55°	23°	29°	69	95	SE 1	S 1	10	10	29° 29	Fine till 4p., then ● showers.
30	29° 62	29° 76	44°	44°	39°	55°	21°	23°	73	79	N 3	WSW 2	0	9	29° 30	▲ ● showers during day.
Means	29° 849	29° 869	48°	43°	38°	54°	25°	24°	75°	86°	1°	1°	6°	5°	1° 490	



MARKREE CASTLE (SLIGO).

Height above Mean Sea Level, 131 feet. Long. 8° 27' W. Lat. 54° 11' N.

APRIL 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	°	°	°	°	in.	in.	%	%					ins.		
2	29.17	29.33	44.2	43.0	36.6	51.9	.226	.212	77	93	SSE 4	ESE 1	6	1	.050		
3	.36	.47	47.7	48.1	33.3	54.2	.274	.246	83	88	SE 4	SE 1	8	6	.040		
4	.44	.40	49.3	47.1	38.4	54.4	.291	.292	83	91	SE 2	Calm 0	9	10	—		
5	29.32	.18	46.2	47.1	43.1	54.2	.285	.292	92	91	SSE 1	ESE 1	10	10	.250		
6	28.90	.10	45.1	44.1	43.1	53.4	.288	.266	90	92	SSW 2	SSE 1	10	9	.070		
7	29.29	.51	49.3	43.7	40.9	56.4	.277	.258	78	90	SSW 3	SE 0.5	9	6	.010		
8	.51	.72	47.3	38.9	38.1	56.0	.297	.210	92	99	SSE 1	Calm 0	7	15	—		
9	.88	.92	47.4	45.4	29.9	57.4	.231	.267	72	89	SSE 1	SE 2	3	4	—		
10	.96	29.97	48.9	46.2	39.2	53.5	.277	.292	80	94	SSE 2	Calm 0	10	4	—		
11	29.98	30.03	51.0	43.2	36.9	59.5	.299	.243	80	87	SE 2	Calm 0	7.5	3	—	8 ga.	
12	30.03	.03	49.1	41.5	36.1	57.0	.267	.239	76	91	SE 1	Calm 0	3.5	5.5	—		
13	.13	.19	49.6	42.1	32.4	56.8	.268	.213	75	80	ENE 1	NNW 0.5	6.5	1	—		
14	.26	.32	49.3	42.8	29.4	55.4	.238	.223	68	81	NE 1	NNE 0.5	6	7	—		
15	.32	.29	48.9	45.0	39.5	54.2	.215	.225	61	76	NNE 2	NNW 1	8	10	—		
16	30.22	30.05	47.2	45.3	37.8	51.4	.218	.250	68	83	N 1	NNE 1	10	10	.010		
17	29.93	29.99	49.0	44.1	42.5	53.1	.257	.249	74	85	NNE 1	ESE 1	10	10	.080		
18	30.13	30.31	45.1	35.5	35.5	50.4	.230	.187	76	90	ENE 2	Calm 0	9	5	—	9p. - 10p.	
19	30.13	30.01	45.4	41.8	31.8	48.4	.213	.198	71	76	NNE 1	NNE 0.5	10	10	—		
20	29.97	29.99	45.9	43.2	33.1	51.6	.232	.257	75	92	NNE 0.5	Calm 0	10	9	—		
21	30.02	30.05	48.0	40.4	29.9	53.1	.270	.224	81	90	NW 1	Calm 0	7	0.5	—		
22	.04	30.04	49.1	44.2	28.1	54.2	.255	.224	73	77	NNE 0.5	Calm 0	7	10	—	8 ga.	
23	30.01	29.96	43.3	43.0	37.5	52.6	.244	.259	87	94	SSE 1	Calm 0	10	10	.040		
24	29.91	.84	47.4	42.0	41.6	54.6	.228	.233	70	88	S 2	Calm 0	9	10	—		
25	.83	.86	46.2	44.3	32.7	54.4	.200	.211	64	71	SE 2	SE 2	8.5	10	—	8 ga.	
26	.90	.82	47.4	44.1	40.1	54.4	.235	.271	73	93	SE 1	S 0.5	10	10	.200	6.45p.	
27	.73	.66	46.2	41.1	39.1	53.5	.248	.243	80	94	Calm 0	Calm 0	9	6	.110	3.45p.	
28	29.79	.94	48.2	44.5	33.5	54.0	.261	.257	78	86	ENE 1	Calm 0	8	10	.220		
29	30.02	.94	48.9	44.1	39.0	54.4	.256	.258	74	89	NNE 2	NNE 0.5	6	7.5	—	9a. and 9p.	
30	29.82	.67	44.9	44.3	30.4	53.4	.247	.263	84	91	SSE 1	SSW 1	10	10	.090		
30	29.67	29.80	45.1	42.4	37.5	51.2	.213	.227	71	84	NNW 2	WNW 1	6	10	.060		
Means	29.820	29.842	47.4	43.1	36.2	54.0	.251	.243	77.1	87.2		1.5	0.5	8.0	7.1	1.230	

## DUBLIN.

Height above Mean Sea Level, 51 feet. Long.  $6^{\circ} 15' W.$  Lat.  $53^{\circ} 20' N.$

APRIL 1884.

1	20°'31	20°'42	46°'1	45°'1	33°'9	52°'9	'230	'242	71	81	S	3	S	4	1	6	'140	☞ ☼ <sup>2</sup> early <i>a.</i> , then rapid rise [of temp. ☼ <sup>2</sup> ▲ <sup>2</sup> 4 p., -0 p.]
2	'45	'52	47°'2	46°'1	42°'8	52°'2	'281	'271	88	90	SSE	4	SSE	3	10	4	'—	Very fine p.
3	'50	'42	49°'0	45°'0	44°'4	51°'6	'308	'201	87	94	E	1	Calm	0	9	5	'146	Dull day. ☼ <sup>2</sup> (mist) 9 p.
4	'36	'30	48°'6	47°'5	43°'3	52°'6	'292	'313	86	95	SSE	4	NE	3	9	10	'863	☞ <i>a.</i> ☼ <sup>2</sup> p. < later.
5	'05	'17	49°'0	48°'0	44°'2	54°'5	'253	'267	73	80	SSW	4	S	3	7	7	'—	
6	'41	'57	50°'0	46°'6	43°'9	58°'0	'265	'247	74	79	swb.w	3	SSE	1	3	2	'—	Very fine and bright.
7	'57	'72	49°'5	50°'3	44°'2	59°'3	'295	'288	84	79	SSE	1	SW	2	5	8	'—	Very fine and bright.
8	'90	'97	49°'2	46°'0	38°'3	52°'4	'243	'287	73	93	ESE	1	ESE	2	1	8	'—	Grass min. 31°'9 n. ☼ <sup>2</sup> <i>a.</i>
9	20°'99	20°'99	46°'1	49°'6	40°'0	55°'7	'290	'312	93	88	E	2	ESE	2	1	9	'—	☼ <sup>2</sup> <i>a.</i> Brilliant day. ∞ evening.
10	30°'03	30°'05	49°'5	45°'2	44°'0	54°'2	'282	'259	80	87	ESE	2	SE	1	0	0	'—	∞ <i>a.</i> and p. Day bright, but with [searching wind.]
11	'05	'05	46°'0	44°'4	34°'5	54°'7	'278	'243	88	84	ESE	1	ESE	1	0	0	'—	∞ ☼ <sup>2</sup> <i>a.</i> Day bright and sunny.
12	'12	'15	47°'3	44°'0	37°'6	50°'0	'235	'209	73	72	NE	3	NNE	1	4	0	'—	☼ <sup>2</sup> (mist) <i>a.</i> Very bright p.
13	'22	'27	46°'0	46°'0	36°'8	49°'7	'225	'243	74	79	NE	4	NNE	2	5	4	'—	∞ <i>a.</i> Bright day, but with searching [wind.]
14	'27	'24	46°'9	47°'2	41°'9	51°'3	'197	'238	61	74	ENE	4	NNE	3	6	10	'—	
15	30°'17	30°'00	47°'3	47°'0	43°'0	52°'5	'250	'243	77	76	NNE	3	N by E	3	10	10	'—	Very dull and cool.
16	20°'91	20°'97	49°'2	46°'1	42°'1	54°'4	'252	'222	72	72	E	2	NE	3	1	8	'—	Squally ☞ <i>a.</i> and p. Bright p.
17	30°'09	30°'17	45°'9	43°'3	42°'9	48°'8	'207	'187	69	67	E by N	5	ENE	5	7	0	'—	▲ 1.30 p. Dull and raw.
18	30°'14	20°'97	43°'3	42°'9	39°'7	45°'7	'205	'210	74	77	ENE	2	E	1	10	10	'062	Very bright and bracing.
19	20°'06	20°'08	43°'1	43°'2	40°'1	51°'0	'231	'198	82	71	Calm	0	NNE	1	8	2	'—	Day very fine. ∞ 9 p.
20	30°'00	30°'02	47°'6	47°'2	40°'8	53°'7	'249	'247	76	77	W	1	Calm	0	9	8	'011	Very bright p. Searching air.
21	'03	'06	47°'3	43°'7	42°'9	48°'6	'250	'201	80	71	E	2	E	2	9	1	'010	∞ at times.
22	30°'03	30°'01	50°'2	45°'9	34°'6	52°'6	'240	'205	67	68	SSE	1	S by E	1	4	10	'—	∞ <i>a.</i> and p. Air very dry.
23	20°'97	20°'88	48°'2	43°'2	42°'3	53°'7	'194	'195	58	70	SW	1	SSE	1	9	0	'—	☼ <sup>2</sup> early <i>a.</i> ∞ 9 a. ☼ <sup>2</sup> p.
24	'86	'89	49°'2	43°'4	37°'2	52°'6	'250	'226	71	80	ESE	2	Calm	0	7	0	'—	☼ <sup>2</sup> early <i>a.</i> ∞ 9 a. Overcast p.
25	'92	'89	47°'4	45°'2	35°'9	51°'6	'233	'201	72	67	ESE	1	SSE	2	5	10	'110	
26	'76	'60	43°'5	42°'2	40°'4	49°'9	'245	'236	86	89	W	2	E	1	10	10	'010	
27	'73	'89	47°'4	45°'1	37°'9	50°'8	'253	'235	78	78	ENE	4	NE	3	4	3	'—	Very fine day, but with ∞.
28	'97	'93	45°'2	45°'0	40°'1	50°'6	'214	'245	72	82	xrb.n	4	NE	3	5	2	'—	∞ ☞ <i>a.</i> Fine and sunny p. Search- [ing wind.]
29	'85	'72	44°'6	50°'0	38°'5	52°'7	'240	'246	82	69	W	1	S	3	10	9	'010	
30	20°'67	20°'85	48°'1	45°'3	43°'3	54°'3	'226	'212	67	70	W	5	WNW	3	7	2	'010	Squally ☞ <i>a.</i>
Means	20°'842	20°'855	47°'3	45°'7	40°'4	52°'4	'247	'241	76°'3	78°'6	2°'4		2°'0	5°'9	4°'9	1°'532		

PARSONSTOWN (BIRR CASTLE).

Height above Mean Sea Level, 182 feet. Long.  $7^{\circ} 55' W.$  Lat.  $53^{\circ} 6' N.$

APRIL 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	47°	39°	35°	52°	in.	in.	0/10	0/10	S	2	SSE	2	4	0	ins. '186	▲ p. < in SW. gp.		
2	'35	'47	49°	45°	37°	55°	'254	'259	71	88	SSE	1°	SE	2°	6	9	'082	▲ p. (mist) gp.		
3	'46	'41	49°	48°	42°	54°	'283	'283	80	85	SE	1	SSE	0°	7	10	—	▲ p. (mist) gp.		
4	29°'29	'15	50°	46°	41°	51°	'267	'267	75	84	SE	1	SSE	2	9	10	'358	▲ p. (mist) gp.		
5	28°'99	'12	46°	45°	43°	54°	'291	'268	92	88	SSW	2	SSE	1	10	10	'212	▲ p. (mist) a. ● 2 ▲ 2 showers all day.		
6	26°'38	'54	51°	43°	38°	58°	'248	'238	66	83	SW	1	SSE	1	7	0	—	—		
7	'52	'75	52°	41°	38°	56°	'289	'221	73	86	S	1	Calm	0	4	1	—	—		
8	'87	'94	51°	43°	31°	57°	'220	'260	57	92	SSE	0°	SE	1	2	2	—	—		
9	'95	29°'07	52°	49°	41°	59°	'301	'270	75	76	SSE	1	SSE	1	8	9	—	—		
10	29°'97	30°'02	52°	43°	37°	60°	'302	'192	76	67	SE	1	Calm	0	5	—	—	—		
11	30°'01	'04	50°	47°	36°	57°	'249	'260	67	81	SE	1	SE	1°	5	10	—	—		
12	'09	'17	50°	40°	38°	55°	'255	'213	71	85	NNE	1	Calm	0	0	—	—	—		
13	'23	'28	44°	44°	31°	53°	'218	'223	75	75	NNE	1	N	0°	2	9	—	—		
14	'28	'27	46°	44°	33°	54°	'239	'213	73	73	NNE	0°	N	1°	5	8	10	—	—	
15	30°'19	30°'05	45°	45°	40°	50°	'238	'230	79	76	N	0°	NW	1	10	10	'029	—		
16	29°'90	29°'96	45°	44°	41°	51°	'255	'249	84	85	NNE	1	SE	1	10	10	'060	—		
17	30°'07	30°'18	45°	38°	38°	48°	'216	'188	71	81	NE	1	NE	0°	5	0	—	—	—	
18	30°'14	29°'99	39°	39°	27°	48°	'189	'204	78	84	NNW	0°	Calm	0	10	10	—	—	—	
19	29°'95	29°'99	43°	39°	36°	50°	'204	'201	72	84	NNE	0°	Calm	0	10	8	—	—	—	
20	30°'01	30°'04	47°	46°	35°	52°	'259	'249	80	80	NNW	1	NW	0°	10	10	—	—	—	
21	'03	'05	49°	43°	38°	53°	'219	'199	62	71	NNE	1	ESE	0°	5	10	—	—	—	
22	30°'02	30°'01	48°	44°	39°	54°	'210	'221	61	74	S	1	SSE	1	5	10	—	—	—	
23	29°'93	29°'87	48°	39°	37°	51°	'196	'181	58	74	Calm	0	SSE	0°	0	5	—	—	—	
24	'82	'80	49°	45°	28°	53°	'168	'209	55	60	SSE	1	SE	2	2	10	—	—	—	
25	'90	'88	49°	43°	35°	53°	'228	'235	65	83	S	0°	Calm	0	8	10	'416	—	—	
26	'75	'67	45°	41°	37°	51°	'221	'213	73	83	NW	0°	SSE	0°	7	9	'049	—	—	
27	'73	'93	45°	42°	34°	51°	'243	'219	82	83	NE	1	NNW	1	10	10	'106	—	—	
28	'99	'94	47°	40°	34°	54°	'222	'199	68	70	NNE	1	NW	0°	4	0	—	—	—	
29	'83	'73	49°	46°	30°	55°	'236	'258	67	82	S	0°	SSW	1°	8	10	'053	—	—	
30	29°'72	29°'88	45°	41°	39°	52°	'226	'213	73	83	NNW	1	SW	1	10	9	'044	—	—	
Means	29°'819	29°'851	48°	43°	36°	53°	'239	'228	71°	80°	0°	9	0°	9	6°	7°	1°	'595	—	—

## KILLARNEY.

Height above Mean Sea Level, 93 feet. Long.  $9^{\circ} 30' W.$  Lat.  $52^{\circ} 4' N.$

APRIL 1884.

1	29°19	29°28	46°5	42°3	37°4	49°0	229	249	73	92	S	5	SE	1	5	10	395	Squally in past <i>a</i> .
2	26	37	44°2	48°4	41°3	54°8	255	271	88	80	SSE	5	SE	5	7	5	020	
3	37	37	51°0	46°2	45°4	55°8	268	283	72	91	SE	5	ESE	3	7	7	—	W <i>p</i> .
4	19	09	48°1	46°7	43°8	53°3	260	287	77	90	ESE	5	SE	3	9	7	060	
5	00	09	48°9	45°9	41°4	54°2	284	274	82	90	Calm	0	Calm	0	7	5	045	Fine evening.
6	37	49	50°9	47°9	39°0	57°3	277	273	75	83	SW	2	S	3	5	5	030	Fine and warm.
7	51	74	50°4	37°7	37°0	50°6	301	213	83	94	SW	1	Calm	0	9	2	—	
8	83	82	48°4	50°9	32°6	54°5	281	333	83	90	SE	1	SE	5	3	8	—	D. Cloudy day.
9	90	90	52°2	52°6	47°6	53°7	340	277	87	70	SSE	3	Calm	0	10	8	—	Dull.
10	90	90	51°2	48°9	46°0	58°8	301	297	80	86	SE	5	SE	6	3	6	010	Fine. W
11	29°94	29°97	47°9	49°0	45°7	50°6	285	315	86	91	SE	5	ESE	2	10	10	110	Gloomy.
12	30°04	30°13	47°9	45°2	44°9	56°0	309	269	93	90	ESE	2	NE	1	10	0	—	Gloomy <i>a</i> . Lovely day.
13	21	28	44°7	37°9	28°6	53°2	240	212	81	93	Calm	0	Calm	0	0	0	—	<i>a</i> .
14	26	26	45°1	44°5	33°3	50°8	234	251	79	86	NE	3	NE	0-1	9	10	—	Gloomy day.
15	30°20	30°07	46°4	45°4	42°1	50°8	248	260	79	87	NE	1	Calm	0	10	10	—	Overcast all day.
16	29°91	29°91	46°4	43°1	41°1	49°8	204	241	84	86	NNE	1	NE	1	9	10	—	Cold wind.
17	30°01	30°11	44°0	41°4	36°6	47°9	240	205	85	79	NE	5	NE	4	10	1	—	Gloomy day.
18	30°12	30°00	39°9	43°5	26°7	49°1	207	248	84	87	NE	1	NE	3	1	10	—	<i>a</i>
19	29°95	29°98	42°4	37°9	36°9	47°7	223	209	83	91	NE	1	Calm	0	10	1	—	Cloudy, cold day.
20	30°02	30°05	41°5	42°9	27°2	50°7	229	250	88	91	Calm	0	Calm	0	8	8	—	
21	03	30°02	47°9	45°9	39°4	55°7	261	256	79	84	Calm	0	Calm	0	8	7	—	Fine and warm.
22	30°00	29°99	49°9	45°1	34°8	53°5	270	234	76	79	SE	0-1	SE	0-1	8	8	—	<i>a</i>
23	29°92	28	46°1	42°4	32°4	49°2	226	201	73	74	SE	3	NE	3	9	7	—	<i>a</i> °
24	77	83	46°9	43°4	30°4	52°3	247	249	78	88	ESE	4	E	3	7	3	—	
25	89	89	47°1	45°9	36°6	53°6	256	252	79	83	E	0-1	SE	1	8	9	238	∞
26	79	63	46°9	43°4	34°5	51°5	247	259	78	92	NW	3	Calm	0	7	10	215	
27	29°71	29	47°9	37°9	37°9	52°0	263	238	79	100	N	2	Calm	0	9	0	360	K 2.45 <i>p</i> .
28	30°01	96	45°9	42°0	33°3	52°3	263	245	86	92	N	4	N	0-1	8	1	—	K in past <i>n</i> .
29	29°85	76	46°0	48°4	30°2	54°1	264	315	86	93	Calm	0	SW	0-1	9	10	085	
30	29°80	29°93	47°9	43°9	42°3	51°3	259	242	78	84	W	5	W	3	10	3	015	☉ ✕ <i>a</i> . Fine <i>p</i> .
Means	29°797	29°819	47°0	44°6	37°7	52°7	261	257	81°1	87°2		2°5		1°6	7°5	6°0	1°583	



## DUNROBIN CASTLE.

Height above Mean Sea Level, 12 feet. Long 3° 59' W. Lat. 57° 57' N.

MAY 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative 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.	47.5	45.4	38.4	49.5	ins.	ins.	77	73	SW	W	—	—	ins.	
2	29.20	29.16	47.5	39.4	34.5	51.5	281	221	87	84	NW	W	—	—	420	Windy, with ☉ showers.
3	29.12	29.11	47.5	39.4	34.5	51.5	281	203	87	84	NW	W	—	—	420	Windy, with ☉ showers.
4	28.99	28.91	46.4	40.4	36.6	50.5	250	175	80	70	W	E	—	—	070	Cold, with ☉ showers.
5	29.01	29.24	45.4	43.4	32.5	52.0	221	262	73	93	NW	W	—	—	220	Fine.
6	31	56	44.4	43.4	39.6	48.3	230	241	79	85	NW	W	—	—	350	☉ showers.
7	67	87	46.4	40.6	35.6	49.5	231	227	74	90	NE	NE	—	—	—	Cold.
8	86	43	44.4	41.4	32.5	45.5	230	242	79	93	NE	E	—	—	240	—
9	44	79	44.4	43.2	37.6	54.3	211	253	72	90	W	W	—	—	360	Fine and mild.
10	81	29.86	52.3	49.5	38.6	53.5	274	309	71	88	E	W	—	—	110	—
11	96	30.01	53.3	45.2	45.2	59.9	379	280	93	93	W	SE	—	—	—	—
12	95	29.76	55.5	52.5	44.5	61.4	345	368	78	94	SE	E	—	—	—	—
13	85	89	57.9	55.0	48.6	60.9	376	412	79	95	W	W	—	—	—	—
14	90	67	56.7	50.5	48.4	59.9	430	271	93	74	S	SW	—	—	020	—
15	57	82	56.7	47.7	47.6	60.9	338	256	74	78	SW	W	—	—	—	—
16	57	64	51.3	48.7	44.7	59.2	313	264	82	77	W	W	—	—	—	—
17	62	49	50.5	41.4	40.7	50.5	228	259	63	99	SW	E	—	—	300	Fine, with dry wind.
18	45	34	47.2	50.5	40.7	54.7	308	320	96	90	E	E	—	—	030	Dull, ☉ showers.
19	36	66	41.6	42.4	40.7	53.7	243	252	93	93	SW	W	—	—	—	—
20	76	29.85	51.5	44.9	37.6	52.0	265	276	70	93	SW	NE	—	—	—	—
21	29.98	30.08	51.5	45.9	42.5	53.3	271	200	72	65	E	NW	—	—	—	—
22	30.21	31	50.7	48.7	37.6	55.5	279	326	76	95	E	SW	—	—	400	—
23	20	29	56.0	58.9	48.6	65.9	399	380	89	79	SW	NW	—	—	—	—
24	27	27	56.5	56.3	48.4	68.6	376	379	82	83	E	NE	—	—	—	—
25	27	29	48.3	48.5	45.7	50.4	323	311	96	92	SE	E	—	—	—	—
26	28	31	48.7	46.4	45.7	51.0	279	289	81	92	E	SE	—	—	—	—
27	36	39	49.0	45.9	43.9	51.7	255	277	73	91	SE	SE	—	—	—	—
28	39	40	50.7	44.4	39.6	55.5	295	267	80	91	SE	E	—	—	—	—
29	39	40	50.3	47.2	42.9	51.7	283	280	78	87	SE	SE	—	—	—	—
30	38	35	47.7	48.3	44.5	51.7	252	282	77	84	SE	E	—	—	—	—
31	30.08	30.3	52.5	45.9	52.5	52.5	290	298	80	76	SE	N	—	—	—	—
Means	29.821	29.835	50.1	47.1	41.9	54.7	292	282	80.4	86.4	—	—	—	—	2.740	—

## BRAEMAR.

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

MAY 1884.

1	29.34	29.28	37.6	35.0	35.0	43.8	205	151	91	74	SW	6	SW	4	10	7	580	* and * (sleet).
2	25	29.22	38.9	37.6	32.1	44.7	193	187	82	83	SW	4	SW	2	9	7	110	* showers.
3	29.00	28.90	38.4	33.7	33.7	42.5	191	159	81	82	SW	4	SW	1	7	4	040	* showers.
4	28.96	29.22	41.6	38.3	26.4	45.8	170	180	66	78	SW	0.5	N	0.5	7	4	050	Fair and clear.
5	29.28	48	40.6	38.2	37.3	43.2	199	181	79	79	SW	0.5	NW	2	9	10	240	Dull, with ☉.
6	64	85	39.4	35.7	34.4	44.5	182	172	70	82	N	3	NE	2	4	6	010	Cold, with ☉ showers.
7	84	46	37.4	41.9	38.6	41.9	157	230	70	90	NE	1	SW	4	8	10	120	Dull, with ☉ showers.
8	34	58	48.2	43.3	34.7	50.5	259	218	77	78	SW	4	SW	4	7	8	260	Fine and clear.
9	75	89	40.0	48.5	38.3	56.3	226	270	92	80	SE	1	SW	4	10	8	040	Cold, with ☉ showers.
10	93	99	53.5	48.5	48.2	54.9	283	337	79	99	SW	2	SW	0.5	8	10	100	Fair and clear a. ☉ p.
11	91	70	51.8	54.7	46.3	62.7	334	293	85	69	SW	1	SW	2	8	6	—	Fair and clear.
12	85	90	50.2	45.9	45.9	57.5	253	217	79	71	SW	2	SW	1	7	7	—	Fair and clear.
13	86	70	48.9	45.1	35.6	54.2	215	248	62	83	SW	3	SW	4	7	9	090	Fair and clear a. ☉ p.
14	54	81	48.5	43.9	43.9	56.8	249	216	73	75	SW	2	W	2	7	6	050	Fair and clear a. ☉ p.
15	59	63	46.5	40.7	40.1	57.7	266	227	85	72	SW	6	SW	6	8	4	—	Fair and clear.
16	66	59	45.0	52.5	42.5	54.3	202	294	66	75	SW	2	SW	4	7	8	020	Dull, with ☉ showers.
17	43	37	52.1	48.5	37.5	53.5	304	249	78	73	SW	2	SW	6	8	4	100	Dull, with ☉ showers.
18	53	75	42.6	41.6	38.3	48.5	210	220	78	84	SW	6	SW	1	7	8	020	Dull and cold.
19	85	29.90	46.5	42.4	34.6	51.5	200	231	64	86	SW	2	W	2	6	7	010	☉ showers.
20	29.96	30.12	46.5	44.6	32.6	54.0	211	228	67	77	W	1	NE	0.5	5	4	—	T. Clear and fair.
21	30.21	16	46.5	48.5	34.4	55.8	211	270	67	80	SW	2	SW	6	8	8	—	—
22	24	28	55.9	54.5	39.5	65.5	336	347	75	82	W	2	SW	0.5	7	4	—	Fine and clear.
23	21	21	62.6	55.7	40.5	71.3	448	324	79	73	SW	2	NE	1	7	4	—	Fine and clear.
24	16	20	62.6	48.8	44.5	66.5	428	312	76	91	NE	0.5	E	1	2	4	—	—
25	24	29	47.5	44.6	44.6	61.3	266	235	81	79	E	1	SE	0.5	8	4	—	Dull and cold.
26	30	34	48.5	47.5	36.6	61.5	221	239	65	73	SE	0.5	SW	1	0	0	—	Fine and clear.
27	31	31	50.5	48.1	31.7	65.5	312	252	85	75	SW	0.5	NE	1	0	0	—	Fine and clear.
28	33	31	46.9	46.5	32.6	63.2	250	249	79	80	NE	0.5	NE	2	4	0	—	☉ a. Fine and clear p.
29	33	24	44.9	45.3	38.7	59.3	228	257	77	85	NE	0.5	NE	1	7	4	—	☉ a. Fine and clear p.
30	17	17	47.2	46.5	44.5	47.8	258	203	80	84	NE	0.5	NE	0.5	8	7	—	Dull and cold.
31	30.13	30.02	51.7	53.2	46.0	64.3	253	286	66	71	E	1	S	2	7	6	—	—
Means	29.811	29.834	47.1	45.3	38.1	54.9	249	243	75.6	79.5	—	—	—	—	6.7	5.7	1.820	—

## LAUDALE.

Height above Mean Sea Level, 14 feet. Long. 5° 41' W. Lat. 56° 41' N.

MAY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	43.0	40.7	34.9	48.7	ins.	ins.	77	73	WNW	7	WNW	6	10	10	ins.	* a. and p. Δ p. ● <sup>2</sup>
2	29.24	29.23	43.0	40.7	34.9	48.7	234	233	84	92	WNW	8	WNW	5	10	9	570	* Δ a. and p. K
3	29	29.25	46.0	42.0	34.9	47.7	244	225	79	85	WNW	8	WNW	2	8	10	360	* Δ a. 1p.—2.30p., then wind fell.
4	01	28.86	42.0	40.6	34.5	45.3	190	236	72	93	W	5	WNW	2	8	10	030	* Δ a.
5	03	29.23	48.6	42.9	36.4	50.0	258	235	75	85	NNW	4	N	2	7	4	010	∞ <sup>2</sup> ga. Snow on hill tops.
6	38	51	47.6	42.9	41.9	48.3	266	231	81	84	NW	5	W	3	10	8	010	— [Noon—6p.]
7	74	89	45.0	40.0	38.9	49.3	233	189	78	76	NNW	5	N	1	5	2	—	
8	82	44	43.0	47.3	33.5	48.0	201	276	72	85	E	4	SW	3	10	8	900	Cir.-s. overspread sky from E. a. ●
9	52	74	49.0	47.0	43.7	50.1	208	273	86	85	WSW	5	Calm	0	10	10	340	☉ <sup>2</sup> showers a. ∞
10	29.73	29.95	51.8	53.0	43.9	56.0	359	347	93	85	Calm	0	W	3	10	10	020	Dull and gloomy. ☉ (mist).
11	30.00	30.01	55.0	53.0	51.9	57.4	349	352	81	87	WSW	2	SW	1	10	10	040	Dull and gloomy. ☉ (mist).
12	29.88	29.79	58.0	55.0	52.5	60.8	325	327	68	76	S	6	SSW	2	10	6	080	Dull, gloomy, and squally. Grey ∞.
13	90	93	52.5	47.1	46.9	55.3	282	256	72	79	SW	4	Calm	0	4	7	050	Mild a.
14	85	59	52.4	49.3	40.9	54.8	279	252	71	72	ESE	6	S	8	10	10	120	∞ a. Squally ☉ p.
15	60	85	49.0	46.9	46.3	53.5	320	252	92	79	Calm	0	SW	3	9	10	450	Damp and mild. ☉ (mist).
16	64	70	51.0	49.1	43.9	52.4	326	299	87	86	W	7	W	6	10	10	180	☉ <sup>2</sup> showers all day. ☉ (mist).
17	70	55	45.3	53.0	43.8	54.8	259	337	86	84	NNW	3	WSW	6	10	10	300	Dull and gloomy. ☉ showers all day. ☉ (mist).
18	51	28	53.8	48.0	46.0	53.8	355	304	85	92	SSW	2	S	4	10	10	830	Dull and gloomy. ☉ <sup>2</sup> showers all day. ☉ ga. * a. and p. ☉
19	49	79	44.0	43.0	40.8	53.9	244	219	84	79	NNW	8	Calm	0	10	8	130	☉ (mist) ga.
20	29.87	29.94	48.4	45.0	38.0	51.8	244	253	72	85	NNW	2	Calm	0	9	6	120	☉ (mist) ga.
21	30.02	30.19	45.0	45.0	38.9	52.1	249	249	84	84	NNW	1	Calm	0	7	7	090	☉ (mist) a. Day dull and gloomy.
22	21	18	51.0	46.1	43.8	55.1	266	256	71	92	S	7	S	8	10	10	410	Dull and gloomy a. ☉ (mist) op.
23	28	28	54.0	50.1	43.1	62.4	388	290	93	80	SW	3	S	3	10	9	040	Dull and gloomy. ☉ <sup>2</sup> showers. ☉ (mist).
24	29	23	62.0	54.0	45.7	65.6	367	360	66	86	S	1	Calm	0	4	0	—	Fine all day. Purple ∞ to NW. 1p.
25	17	14	62.1	60.3	45.9	70.8	349	344	63	66	ESE	1	E	1	0	0	—	Fine all day. ∞ to W. a.
26	18	22	56.0	52.0	50.0	60.3	343	272	66	71	ENE	4	E	3	0	1	—	Fine all day. Grey ∞ on horizon.
27	37	35	52.3	50.2	44.7	64.8	278	302	72	84	E	2	Calm	0	0	0	—	Fine all day. Grey ∞ to NNW.
28	33	29	56.8	50.6	44.4	66.1	330	315	71	86	Calm	0	Calm	0	0	0	—	∞ on horizon ga. Day fine and bright.
29	31	30	58.1	52.8	43.8	64.6	317	338	63	84	Calm	0	Calm	0	0	0	—	∞ <sup>2</sup> a. Day fine and bright.
30	31	23	54.0	51.8	44.9	60.0	334	338	80	87	ESE	1	Calm	0	10	8	—	Sky overcast with roll-cum. from SE. ga.
31	17	15	52.0	51.0	47.0	54.7	310	330	80	90	Calm	0	NNW	1	10	10	—	Dull and gloomy. Threatening appearance all day.
31	30.16	30.05	55.3	49.8	47.4	58.5	337	295	77	83	Calm	0	Calm	0	8	7	—	
Means	29.835	29.842	51.1	48.4	43.0	56.0	295	285	78.0	83.3	3.3	2.3	7.5	6.8	5.290			



## ROTHESAY.

Height above Mean Sea Level, 115 feet. Long. 5° 4' W. Lat. 55° 50' N.

MAY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	45°	38°	37°	48°	ins.	ins.	89	83	SSW	SW	—	—	ins.	△ <sup>2</sup> * <sup>2</sup> ● <sup>2</sup> (sleet) showers.
2	29°38	29°40	45°	38°	37°	48°	207	191	89	83	SW	SW	—	—	243	Cloudy and blowy, with ● showers.
3	29°11	28°08	44°	40°	37°	46°	227	214	78	86	WSW	W	—	—	450	Cloudy and blowy, with ● showers.
4	28°99	29°26	39°	38°	37°	50°	232	188	95	82	NW	NW	—	—	040	● showers.
5	29°37	38	49°	42°	35°	52°	235	204	67	76	NW	NW	—	—	—	Breezy and cold.
6	73	90	47°	39°	37°	52°	300	197	95	82	NW	NW	—	—	—	—
7	87	54	44°	49°	32°	49°	225	249	77	71	SE	SW	—	—	475	Blow, with ● p.
8	64	29°76	47°	46°	43°	49°	271	206	84	95	SW	SW	—	—	350	Dull and damp.
9	29°80	30°01	52°	48°	44°	55°	366	314	94	94	W	Calm	—	—	105	Dull, with ● showers.
10	30°06	30°06	53°	49°	47°	56°	374	334	93	95	SW	S	—	—	062	Dull and mild, with ● a.
11	29°97	29°85	54°	50°	46°	67°	345	332	82	92	ESE	Calm	—	—	—	Fine.
12	95	30°00	55°	48°	46°	59°	301	290	67	87	WSW	SW	—	—	—	Cloudy.
13	92	29°66	53°	49°	38°	53°	327	257	81	72	SE	SSE	—	—	185	Dull, blowy, and cold.
14	60	92	51°	45°	44°	56°	344	252	91	82	SW	WSW	—	—	286	Cloudy, with ● showers.
15	73	77	50°	50°	43°	56°	342	291	94	81	W	WSW	—	—	080	Dull, blowy, and damp.
16	73	62	48°	54°	45°	57°	317	371	95	89	W	SW	—	—	570	Dull and damp.
17	50	42	50°	45°	44°	55°	353	240	98	80	SSW	SW	—	—	130	Dull. ∞ ●
18	66	84	48°	44°	40°	55°	249	238	74	80	WSW	SW	—	—	—	Fine and blowy.
19	29°90	29°97	47°	44°	36°	56°	363	267	81	91	SSW	E	—	—	080	Dull, with ● showers.
20	30°05	30°21	50°	45°	36°	53°	351	240	68	80	W	SW	—	—	100	△ * (sleet) showers.
21	28	25	50°	48°	40°	52°	316	317	87	95	S	S	—	—	350	Dull, blowy, and damp.
22	35	37	53°	49°	47°	63°	358	303	89	87	SSW	NW	—	—	—	Fine.
23	30	20	60°	57°	41°	71°	317	348	59	72	NW	NW	—	—	—	Clear and warm.
24	18	18	59°	55°	50°	69°	373	338	73	77	ENE	SE	—	—	—	Clear and fine.
25	22	25	53°	48°	45°	61°	326	163	79	77	E	ENE	—	—	—	Blow and fine. Clear.
26	34	36	52°	52°	42°	64°	252	291	65	74	NE	NE	—	—	—	Clear and fine.
27	37	32	56°	51°	44°	70°	301	278	65	67	ESE	NE	—	—	—	Clear and warm.
28	35	33	51°	53°	42°	67°	273	305	73	75	NE	NE	—	—	—	Clear and warm.
29	34	26	52°	48°	45°	62°	281	272	73	75	NE	E	—	—	—	Clear and warm.
30	20	15	50°	51°	45°	58°	275	313	75	83	SE	SW	—	—	—	Dull and mild.
31	30°19	30°10	50°	50°	48°	63°	299	275	66	75	SSW	NW	—	—	—	Clear and hot.
Means	29°886	29°898	50°7	47°7	42°1	57°4	297	274	80°2	82°2	—	—	—	—	3°836	

## PINMORE.

Height above Mean Sea Level, 187 feet. Long. 4° 49' W. Lat. 55° 12' N.

MAY 1884.

1	29°48	29°42	44°0	36°2	36°2	47°2	*259	199	90	93	SW	3	NW	4	—	—	*210	K. * showers. * <sup>2</sup> Δ <sup>2</sup> showers.
2	50	41	44°9	41°0	36°0	49°2	*225	*231	76	90	SW	4	SW	3	—	—	*210	
3	20	00	43°0	38°6	38°6	46°2	*211	*222	77	95	NW	4	N	4	—	—	1050	
4	03	28	46°7	43°0	38°4	51°1	*261	*230	82	83	NW	4	NE	3	—	—	*100	
5	37	60	47°4	43°0	35°0	54°1	*247	*221	76	80	N	3	N	0°5	—	—	—	
6	76	94	49°1	37°2	35°0	54°1	*232	*200	67	90	NE	0°5	N	0°5	—	—	—	
7	87	62	45°9	47°4	28°5	49°6	*239	*291	78	89	S	0°5	S	0°5	—	—	*550	
8	72	29°78	48°4	50°8	46°2	51°1	*246	*367	73	98	SW	0°5	S	0°5	—	—	*790	
9	29°86	30°05	54°4	52°8	50°6	63°1	*372	*315	88	79	SW	0°5	SW	0°5	—	—	*160	
10	30°11	30°12	51°3	47°9	47°9	56°1	*360	*303	95	92	S	0°5	SW	3	—	—	*040	
11	03	29°91	48°1	51°8	43°4	66°0	*318	*328	95	87	SW	4	SW	0°5	—	—	—	
12	30°00	30°01	52°4	47°9	43°0	60°1	*315	*303	80	92	SW	3	W	0°5	—	—	—	
13	29°96	29°67	46°0	48°9	38°4	54°1	*297	*250	93	72	SW	0°5	SW	4	—	—	*470	
14	60	32°00	49°3	45°9	45°8	56°1	*334	*260	95	85	W	0°5	W	0°5	—	—	*330	
15	80	29°82	50°3	52°8	44°3	54°1	*346	*366	95	91	NW	3	W	0°5	—	—	*530	
16	76	66	54°4	52°3	51°0	62°1	*400	*373	95	95	SW	0°5	SW	0°5	—	—	*680	
17	57	50	50°0	45°9	44°8	57°1	*337	*268	94	88	SW	0°5	SW	0°5	—	—	*110	
18	75	86	47°9	44°3	40°4	54°1	*248	*247	75	84	W	0°5	W	0°5	—	—	*010	
19	29°89	29°99	46°9	40°6	31°5	54°1	*248	*227	78	90	W	0°5	NW	0°5	—	—	*110	
20	30°09	30°26	49°9	43°2	33°5	54°1	*244	*264	77	94	NW	3	NW	0°5	—	—	—	
21	33	33	50°3	48°9	39°4	54°6	*256	*281	71	81	W	0°5	SW	3	—	—	*630	
22	41	39	51°8	46°9	39°4	64°1	*333	*265	86	84	S	2	SW	0°5	—	—	—	
23	32	23	63°0	52°8	33°0	71°9	*310	*340	54	85	S	0°5	SW	0°5	—	—	—	
24	16	17	69°5	54°4	41°4	75°3	*363	*400	51	95	S	0°5	SE	0°5	—	—	—	
25	17	21	63°5	51°0	40°4	69°0	*347	*290	59	78	SE	0°5	S	0°5	—	—	—	
26	32	36	58°0	49°3	42°4	68°0	*288	*288	59	82	S	0°5	S	0°5	—	—	—	
27	36	32	61°1	48°4	40°4	71°4	*347	*298	65	88	S	0°5	SW	0°5	—	—	—	
28	33	36	57°0	47°7	33°5	70°9	*275	*294	59	89	SE	0°5	NE	0°5	—	—	—	
29	35	27	51°8	46°9	36°5	65°0	*241	*269	73	85	NE	0°5	E	0°5	—	—	—	
30	24	17	47°9	48°9	41°4	55°6	*258	*292	78	85	S	0°5	E	0°5	—	—	—	
31	30°20	30°16	57°0	45°9	41°9	65°1	*380	*281	82	92	SE	0°5	SW	0°5	—	—	—	
Means	29°920	29°932	51°6	46°9	39°9	58°8	*296	*283	77°9	87°5	1°4	1°2	—	—	—	—	5°380	

## SCALEBY (NEAR CARLISLE).

Height above Mean Sea Level, 111 feet. Long. 2° 52' W. Lat. 54° 58' N.

MAY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.
	ins.	ins.					in.	in.	%	%					ins.		
1	29°55	29°45	45°0	39°5	38°0	49°8	256	204	86	85	SW	5	SW	4	10	8	Stormy, with ● <sup>2</sup> .
2	49	29°37	44°7	43°5	38°0	49°2	238	273	81	97	SW	5	SW	3	8	7	Dull.
3	17	28°08	42°0	37°5	35°0	49°5	247	225	93	100	SW	4	SW	4	10	10	△ K
4	00	29°21	45°5	42°5	37°0	51°5	266	241	88	89	SW	7	SW	1	10	10	Squally a. △ T
5	33	49	46°5	42°5	33°0	53°0	255	252	82	93	SW	1	Calm	0	9	9	△ T. ● <sup>2</sup> shower in afternoon.
6	67	88	47°5	41°0	37°3	55°0	240	227	74	89	SW	1	E	1	6	6	T. Fine.
7	90	61	46°0	47°5	32°5	55°0	245	310	80	98	SE	1	SW	3	10	5	Dull day. ● after 3p.
8	69	29°77	51°0	51°5	47°5	55°0	309	381	83	100	SW	8	SW	6	10	15	470 Squally a. and p. ● <sup>2</sup> after 3p.
9	29°84	30°04	51°3	51°0	50°0	61°0	360	345	95	92	SW	7	SW	1	10	2	020 Squally a.
10	30°09	30°12	54°5	47°5	47°0	58°8	384	329	91	100	SW	2	Calm	0	10	1	Dull a. Fine p.
11	29°97	29°88	63°5	54°5	39°0	73°0	384	370	66	88	SE	3	SW	5	6	10	Very fine.
12	99	99	55°0	50°5	47°5	60°2	344	344	80	91	SW	3	SW	2	5	10	Very fine.
13	03	69	57°5	48°5	42°0	62°8	362	318	77	94	S	2	N	1	2	10	020 Very fine.
14	57	99	51°0	46°7	46°2	59°8	336	270	90	85	SE	1	NW	4	10	5	280
15	84	82	49°5	44°5	43°8	55°5	355	294	100	100	SW	5	SW	5	10	15	150
16	75	69	50°5	53°5	44°5	57°5	365	410	99	100	SW	4	SW	4	10	10	150
17	56	57	56°5	48°5	48°2	58°8	399	283	85	84	SW	6	SW	6	10	8	Dull.
18	72	84	48°5	43°5	41°6	53°5	271	273	80	97	SW	5	Calm	0	7	0	Very fine.
19	29°88	29°93	52°0	43°5	36°0	59°1	305	283	79	100	Calm	0	Calm	0	3	1	010 K △
20	30°02	30°19	49°5	43°5	33°0	59°0	283	262	81	93	SW	2	SW	1	5	0	Cold.
21	33	35	52°3	49°5	36°0	59°5	322	330	82	94	SW	5	SW	3	10	10	Cold.
22	40	37	58°5	50°5	44°5	64°0	446	319	92	87	SW	2	Calm	0	5	0	Fine.
23	29	14	63°5	59°5	40°5	77°0	338	418	57	83	Calm	0	Calm	0	1	0	Very fine and warm.
24	16	15	62°0	50°5	47°0	70°5	389	357	71	93	E	3	NE	5	0	0	Very fine and warm.
25	19	24	54°0	45°5	45°0	59°0	334	284	79	94	E	4	E	5	4	0	Fine, with cold wind.
26	30	35	53°5	47°5	41°5	63°8	308	306	75	94	NE	4	E	5	0	0	Very fine.
27	32	30	57°5	46°5	41°5	68°0	349	295	74	94	Calm	0	E	2	0	0	Very fine.
28	32	33	52°5	44°7	37°5	59°8	344	288	87	97	E	3	E	2	5	5	—
29	32	26	48°3	46°7	44°5	56°5	266	307	88	93	NE	4	E	3	10	15	—
30	17	15	51°0	49°7	43°0	59°8	230	346	77	91	E	2	E	2	10	10	—
31	30°17	30°11	52°5	48°7	46°5	63°0	356	317	80	85	E	2	E	2	10	10	—
Menns	29°902	29°911	52°0	47°1	41°4	59°3	333	355	82°4	93°3	3°3		2°6	7°0	5°7	2°020	



## CRONKBORNE (DOUGLAS), ISLE OF MAN.

Height above Mean Sea Level, 137 feet. Long. 4° 29' W. Lat. 54° 10' N.

MAY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	45.8	45.8	40.2	53.0	ins.	ins.	87	79	SW 5	WSW 3-4	10	8	ins.	(mist) a. Squally [p. at times
2	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	WSW 4	W 2	10	8	0.03	[showers.
3	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	W 5	W 5-6	4	10	0.06	Squally a. and p. Δ 0.4cp. ●
4	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	W 5	WNW 2	7	4	0.018	Squally a. Δ 11.3cp. < 9p.
5	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	NW 6	NW 2	8	3	—	Squally a. Δ (mist) 9p.
6	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	NW 4	WNW 2	5	2	—	Δ (mist) 9p. [(force 2).
7	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	ESE 3	WSW 3-4	10	9	0.03	Δ a. (mist) a. and p.
8	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	SW 4	SW 5-6	10	10	0.105	Squally (force 8) a. Δ (mist) a. and p. Squally 9p.
9	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	SW 6	SSW 1	10	10	0.041	Squally (mist) a. and p. Δ 9p.
10	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	SW 2	SW 1	10	10	0.001	Δ a. and p.
11	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	ESE 3	SSW 3	4	10	—	Δ (mist) a. and p.
12	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	S 2	Calm 0	7	7	—	Δ (mist) a. and p. [(force 8) p.
13	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	SSE 3	SSE 5	10	10	0.065	Δ a. (mist) a. and p. Squally 9p.
14	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	NW 6	WSW 3	8	9	0.420	Δ (mist) a. Squally (force 8) a. and p.
15	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	WSW 4	WSW 3-4	10	10	0.135	Δ (mist) a. and p. [and p.
16	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	WSW 3	SW 4-5	10	10	0.005	Δ (mist) a. and p.
17	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	S 5	WSW 4-5	10	4	—	Squally 9p. Δ (mist) a. Squally 9p.
18	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	WSW 4-5	N 1	6	1	—	Δ 9p. [(force 8) p.
19	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	S 3	NNW 1	6	1	—	Δ 9p.
20	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	WNW 4	SSW 1	5	8	—	—
21	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	S 5	SSW 3	7	9	—	—
22	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	S 4	Calm 0	3	3	—	—
23	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	E 4	NW 1	0	6	—	Δ (mist) a. and p. Δ 9p.
24	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	E 4	E 4	0	4	—	Δ (mist) a.
25	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	E 4	E 1	2	8	0.003	Δ (mist) a.
26	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	E 4	E 4	9	9	—	Δ (mist) a.
27	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	E 4	Calm 0	0	8	—	Δ (mist) a.
28	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	E 4	NE 1	1	7	—	Δ (mist) a. and p.
29	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	NE 3	NE 2-3	9	8	—	Δ (mist) a.
30	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	ESE 2	WNW 2	8	9	—	Δ (mist) a. and p.
31	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	ESE 2	NW 1	9	4	—	Δ (mist) a.
Means	29.57	29.53	45.8	45.8	40.2	48.0	233	209	87	79	4.0	2.4	6.7	7.1	1.393	

## STONYHURST.

Height above Mean Sea Level, 375 feet. Long. 2° 28' W. Lat. 53° 51' N.

MAY 1884.

1	29.70	29.55	44.6	42.2	36.2	49.1	220	227	75	85	SW 3	WSW 2	10	9	0.399	Δ before 9a.
2	29.61	29.46	45.7	45.0	38.5	48.9	217	275	71	92	W 5	W 1	10	10	0.170	Δ before 9a. and p.
3	29.57	29.42	45.0	41.5	38.8	49.4	245	215	92	83	W 5	SW 4	10	10	0.229	Δ before 9a. and p. showers during the forenoon.
4	29.57	29.30	45.4	42.1	40.3	50.4	251	224	84	84	WSW 5	W 2	10	1	0.039	—
5	29.57	29.55	46.9	43.0	39.0	50.8	234	232	74	83	W 5	NW 1	9	2	0.029	—
6	29.57	29.54	47.0	41.6	37.6	51.8	233	231	73	87	WNW 2	W 1	6	0	—	—
7	29.57	29.56	45.3	47.0	36.9	52.6	268	299	89	91	S 2	SW 2	10	10	0.020	—
8	29.57	29.52	52.3	51.8	44.8	56.5	305	343	78	88	WSW 5	WSW 4	10	10	0.090	—
9	29.57	29.54	54.0	51.9	45.8	57.7	312	349	75	91	SW 5	Calm 0	10	10	0.060	—
10	29.57	29.52	52.2	51.9	48.8	61.8	333	319	85	83	SW 1	Calm 0	10	3	0.024	—
11	29.57	29.50	66.8	50.1	47.3	75.3	396	333	61	92	SSE 2	Calm 0	3	10	—	—
12	29.57	29.54	51.8	48.9	45.0	59.8	318	307	82	89	WSW 1	Calm 0	10	10	0.119	—
13	29.57	29.50	55.0	55.3	41.5	62.0	304	300	71	69	Calm 0	SE 1	6	10	0.010	—
14	29.57	29.53	49.3	47.0	45.8	60.1	296	253	85	79	S 4	WNW 1	10	10	0.270	—
15	29.57	29.51	48.0	52.8	44.7	54.3	314	377	94	94	SW 3	SW 2	10	10	0.742	—
16	29.57	29.55	54.3	53.9	51.3	61.8	384	370	91	91	SW 4	WSW 2	10	10	0.050	—
17	29.57	29.56	54.0	50.8	48.7	60.3	288	292	69	79	SW 3	W 3	8	10	—	—
18	29.57	29.53	48.7	43.5	41.2	53.6	239	229	70	81	W 3	Calm 0	7	0	—	—
19	29.57	29.58	52.0	45.5	35.3	50.8	262	252	68	83	WSW 1	Calm 0	0	0	—	—
20	29.57	29.57	50.1	44.1	36.4	54.8	238	225	67	78	W 3	Calm 0	6	0	—	—
21	29.57	29.50	52.1	48.0	37.1	60.2	243	264	64	80	S 3	Calm 0	3	0	—	—
22	29.57	29.53	58.5	57.0	41.5	68.4	291	246	59	53	SW 1	Calm 0	0	0	—	—
23	29.57	29.51	64.1	59.9	43.7	72.3	358	348	60	68	NE 1	NE 1	0	0	—	—
24	29.57	29.53	63.2	57.2	47.4	72.2	312	311	54	66	NE 1	E 5	0	0	—	—
25	29.57	29.52	54.6	50.4	45.8	62.6	267	261	63	72	NE 2	E 1	0	4	—	—
26	29.57	29.53	55.0	51.9	42.7	65.1	276	228	64	59	E 1	E 1	5	0	—	—
27	29.57	29.53	53.9	50.5	37.2	65.3	268	250	65	69	NNE 1	NNE 1	0	0	—	—
28	29.57	29.51	50.0	45.5	40.2	56.9	249	239	69	79	ENE 1	ENE 1	10	0	—	—
29	29.57	29.53	49.1	46.8	42.8	55.3	250	275	72	86	NE 1	NE 1	10	0	—	—
30	29.57	29.53	47.9	49.8	44.3	58.8	222	260	67	74	NE 1	NE 1	10	6	—	—
31	29.57	29.53	51.0	52.0	46.1	59.5	236	277	63	72	NE 1	Calm 0	10	9	—	—
Means	29.57	29.53	51.8	49.0	42.3	58.9	278	278	72.7	80.0	2.4	1.2	6.9	5.0	2.251	

## WAKEFIELD.

Height above Mean Sea Level, 96 feet. Long. 1° 30' W. Lat. 53° 41' N.

MAY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	47.4	44.8	37.0	52.7	ins.	ins.	80	88	WSW 4	W 4	10	10	ins.	5.50p.
2	29.73	29.53	47.4	44.8	37.0	52.7	260	263	80	98	SW 2	SW 2	7	10	0.110	Dull and cloudy.
3	25	26	48.1	41.8	38.0	52.6	274	321	82	84	WSW 4	WSW 6	5	10	0.490	
4	19	22	43.8	44.0	39.0	52.0	279	259	98	90	W 5	W 4	4	0	0.040	2 showers.
5	36	52	50.2	42.0	39.3	52.6	260	261	75	98	W 5	W 4	6	3	0.300	
6	71	93	46.0	39.8	38.0	51.6	258	226	84	92	WSW 2	SSW 2	10	2	0.080	1.30p.
7	96	76	49.8	49.2	34.0	54.6	261	319	73	92	SSW 3	SSW 6	4	3	0.010	Fine most of day.
8	83	29.93	53.6	55.3	43.0	62.4	306	374	74	86	SSW 5	SW 5	5	8	—	
9	29.97	30.13	56.7	55.0	53.1	62.0	365	373	79	86	SW 6	WSW 2	10	8	—	Fine most of day.
10	30.16	30.14	58.7	54.8	53.6	68.8	404	390	83	90	W 2	SSW 2	9	5	—	Fine after 11a.
11	02	29.95	72.6	55.7	39.5	78.4	454	382	56	87	S 1	NW 5	9	5	—	Fine all day.
12	03	30.02	54.8	49.8	44.5	61.4	343	327	80	91	NNW 3	W 2	10	10	0.160	Fine most of day.
13	30.00	29.77	55.9	54.8	42.3	61.8	349	373	78	87	SSE 2	ESE 2	2	1	—	Fine.
14	29.05	08	55.3	48.8	48.8	58.4	330	250	76	72	WSW 4	WSW 5	10	3	0.020	Dull, with
15	04	02	49.9	55.8	47.1	59.6	349	415	98	92	SSW 2	SSW 2	10	10	—	Dull and gloomy.
16	88	84	56.8	57.8	52.2	67.4	419	406	90	94	W 2	W 2	10	4	—	Fine most of day.
17	68	61	61.6	54.1	53.9	66.2	344	330	63	79	SSW 4	WSW 3	2	7	—	Fine till 8p., then dull and gloomy.
18	79	89	52.4	45.4	41.1	58.2	240	231	62	77	SW 4	W 2	5	0	—	Fine and bright.
19	29.89	29.95	52.8	44.6	33.6	57.6	271	274	68	93	ESE 2	W 2	1	3	0.060	
20	30.10	30.26	52.6	46.0	38.0	57.7	254	247	65	80	WNW 4	W 2	4	1	—	Fine and bright.
21	39	38	55.0	51.7	33.3	64.6	252	304	58	80	S 1	WSW 1	2	7	—	Fine and bright a. Dull p.
22	43	37	61.7	59.2	36.2	73.4	313	367	57	73	S 1	S 1	0	2	—	Fine.
23	27	18	59.7	58.3	38.1	73.4	339	355	67	74	NE 2	E 2	0	3	—	Fine.
24	16	17	61.8	52.8	40.2	71.2	391	366	71	91	ENE 2	E 2	0	0	—	Fine.
25	22	27	64.0	47.4	45.7	62.2	289	287	69	88	E 2	E 2	6	5	—	Fine.
26	32	38	54.8	49.0	45.1	62.4	321	260	75	73	ENE 2	NE 2	5	0	—	Fine.
27	37	30	51.6	49.0	44.4	64.6	231	288	61	83	ESE 2	NE 2	0	0	—	Fine.
28	32	32	47.8	45.6	43.5	53.6	281	281	85	83	NNE 1	ENE 1	10	10	—	Dull and gloomy.
29	28	22	47.6	48.1	45.1	52.8	267	257	81	76	NE 1	NE 2	10	10	—	Dull.
30	16	13	49.6	50.8	45.5	58.6	263	309	74	83	N 2	N 2	10	10	—	
31	30.15	30.12	53.4	44.9	44.9	56.7	243	272	60	92	NNW 1	ENE 1	10	3	—	Dull a. Fine from 0.30p.
Means	29.961	29.960	53.7	49.9	42.6	60.7	306	309	74.1	85.2	2.7	2.6	6.0	4.9	1.420	



## BUXTON.

Height above Mean Sea Level, 987 feet. Long. 1° 54' W. Lat. 53° 14' N.

MAY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.		
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.		
1	29.77	29.53	42.4	41.6	34.8	47.6	.218	.238	81	92	NW	2	W	2	9	10	675
2	63	46	47.3	42.9	38.7	50.1	.205	.205	64	96	W	3	NW	3	7	10	565
3	29	20	46.4	38.4	37.5	49.6	.222	.182	72	79	W	2	W	2	7	8	300
4	21	29	44.2	41.2	37.5	49.5	.233	.235	80	88	WSW	3	W	2	8	3	400
5	40	56	43.5	41.7	35.8	50.8	.242	.231	86	88	W	2	W	2	9	7	—
6	73	97	46.1	37.4	36.8	52.2	.215	.214	70	95	W	2	NW	1	7	2	—
7	96	80	46.9	46.6	31.8	52.2	.205	.277	64	88	SW	1	SW	3	8	7	045
8	29.85	29.96	51.9	50.9	43.4	57.7	.286	.316	75	85	SW	4	SW	5	8	8	—
9	30.02	30.16	51.9	51.4	48.6	56.9	.304	.345	81	91	SW	4	SW	4	9	5	—
10	16	30.17	58.9	49.0	48.0	66.6	.356	.252	72	72	SW	2	SW	1	6	3	—
11	00	29.98	67.4	52.4	36.2	75.6	.413	.280	61	72	SE	2	SW	2	2	2	—
12	30.02	30.03	54.9	45.4	44.9	65.2	.348	.247	81	82	W	2	W	3	8	10	280
13	29.99	29.80	55.4	47.9	38.2	59.8	.277	.308	64	93	E	2	SW	1	4	5	030
14	66	30.02	50.9	44.6	43.0	53.7	.286	.230	77	78	SW	4	NW	3	7	4	300
15	97	29.95	46.4	48.5	42.4	55.7	.237	.266	76	78	SW	3	SW	3	9	9	420
16	91	80	58.6	51.9	42.2	62.1	.315	.360	64	93	SW	3	W	3	9	10	—
17	68	66	52.4	49.9	49.5	62.1	.328	.333	83	93	W	2	W	2	7	6	—
18	82	93	49.9	37.6	37.2	56.5	.228	.211	64	94	W	2	W	1	3	4	—
19	29.82	29.98	54.7	45.0	31.7	57.2	.256	.262	55	88	S	1	NW	1	6	6	—
20	30.06	30.26	51.2	47.9	31.0	55.6	.227	.263	60	79	NW	1	NW	1	6	2	—
21	40	42	51.4	45.6	45.0	62.0	.221	.226	58	74	S	2	SW	2	6	2	—
22	45	39	51.1	46.9	34.8	70.1	.311	.274	83	86	SW	2	SW	1	2	0	—
23	27	19	62.3	54.4	35.3	72.2	.312	.329	55	77	E	1	E	1	0	0	—
24	11	16	61.6	50.9	37.3	69.2	.319	.297	58	80	E	2	E	2	0	1	—
25	17	24	51.7	46.1	43.8	59.5	.271	.283	72	91	SE	4	E	3	7	7	—
26	30	37	52.9	44.9	41.2	64.2	.270	.253	68	85	E	2	E	2	4	0	—
27	33	30	54.1	45.6	37.3	62.7	.239	.245	57	80	E	1	E	2	0	2	—
28	32	29	44.6	44.9	39.8	50.1	.236	.274	79	92	E	2	E	2	10	9	—
29	28	21	44.3	44.9	40.8	48.5	.228	.242	78	82	E	2	E	2	9	8	—
30	15	13	46.4	44.7	42.5	55.1	.222	.244	72	83	E	2	ENE	2	8	6	—
31	30.14	30.15	49.9	39.4	38.5	53.6	.252	.211	79	88	ENE	1	NE	1	10	1	—
Means	29.963	29.982	51.2	45.8	39.6	58.2	.267	.264	70.6	85.2		2.2		2.1	6.3	5.1	3.015

## HILLINGTON, NORFOLK.

Height above Mean Sea Level, 88 feet. Long. 0° 33' E. Lat. 52° 48' N.

MAY 1884.

1	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	Cloudy and windy. ● <sup>2</sup> p.
2	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	● <sup>2</sup> p.—5p.
3	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
4	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
5	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
6	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
7	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
8	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
9	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
10	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
11	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
12	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
13	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
14	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
15	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
16	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
17	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
18	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
19	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
20	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
21	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
22	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
23	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
24	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
25	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
26	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
27	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
28	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
29	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
30	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
31	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	☉ <sup>2</sup> 5.30p.
Means	29.82	29.58	48.5	48.1	31.9	52.4	29.2	32.9	87	98	SW	5	SW	8	10	10	100	

## UPPINGHAM.

Height above Mean Sea Level, 484 feet. Long. 0° 44' W. Lat. 52° 35' N.

MAY 1884.

MAY 1884.																			
Day	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	46°8	47°5	34°4	49°3	in.	in.	237	268	75	82	WbyS 4	W 6	10	10	ins.	027	[fast till 6.30p.
2	29°83	29°59	46°8	47°5	34°4	49°3	237	268	75	82	WbyS 4	W 6	10	10	100	☉ <sup>2</sup> 5.30p.	☉ <sup>2</sup> 5.30p.	☉ <sup>2</sup> 5.30p.	
3	29°69	29°47	46°3	50°9	38°3	51°0	241	335	77	90	WSW 3	swb.w 4	9	10	100	Gloomy a.	☉ <sup>2</sup> 11a.-4.30p.	☉ <sup>2</sup> 11a.-4.30p.	[all day.
4	29°35	29°25	48°0	39°7	39°7	52°1	203	218	79	89	WbyS 6	swb.w 5	9	1	265	☉ <sup>2</sup> showers p.	☉ <sup>2</sup> (gale force at times)	☉ <sup>2</sup> showers p.	
5	29°26	29°34	49°0	40°6	38°7	53°3	253	219	72	87	WbyS 8	WSW 2	9	2	050	☉ <sup>2</sup> 2° showers a.	Bright and warm	☉ <sup>2</sup> 2° showers a.	
6	29°40	29°55	48°1	40°8	34°3	52°9	256	232	76	92	W 3	W 1	8	0	082	☉ <sup>2</sup> 2° a.	a. and p.	Bright from 5p.	[p. ∞ <sup>0</sup>
7	29°70	29°93	48°6	40°6	37°0	54°4	248	234	72	93	Nwb.N 2	Calm 0	4	0	—	☉ <sup>2</sup> in NW.	☉ <sup>2</sup> in NW.	☉ <sup>2</sup> in NW.	
8	30°00	30°86	49°3	46°2	35°9	53°0	282	285	80	92	swb.w 2	S by W 7	10	10	—	☉ <sup>2</sup> in NW.	☉ <sup>2</sup> in NW.	☉ <sup>2</sup> in NW.	
9	29°93	30°04	53°5	52°2	43°1	59°0	283	306	69	78	swb.w 7	S by W 5	9	9	—	☉ <sup>2</sup> in NW.	☉ <sup>2</sup> in NW.	☉ <sup>2</sup> in NW.	
10	30°09	30°19	54°9	54°5	45°2	62°1	339	352	78	82	SW 6	SW 1	10	9	—	Much cloud all day, with	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
11	29°20	30°15	58°0	55°8	48°4	70°0	340	355	71	79	SW 2	Calm 0	10	1	—	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
12	29°07	29°96	65°7	66°6	47°1	74°9	425	413	68	79	S by W 4	S 1	0	0	—	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
13	29°00	29°96	60°1	53°6	46°1	74°9	461	392	70	95	N by E 1	Calm 0	1	9	411	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
14	29°01	29°83	53°2	55°7	46°5	64°3	343	379	84	85	SE 1	S by W 1	10	8	—	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
15	29°75	30°00	52°6	47°9	46°0	57°0	299	262	76	80	SW 4	W 4	7	1	010	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
16	29°01	29°99	49°1	52°9	44°2	58°7	286	364	82	91	SW 6	SW 5	10	10	089	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
17	29°95	29°93	60°0	55°0	51°9	63°6	392	372	76	86	WSW 5	sw b.w 3	9	8	—	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
18	29°77	29°68	56°2	52°8	51°5	66°4	313	301	69	75	SSW 3	SSW 1	0	0	—	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
19	29°82	29°87	51°9	48°0	45°7	61°9	228	230	59	69	W by S 1	Calm 0	7	9	—	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
20	29°90	29°94	50°9	46°2	41°2	59°3	318	285	86	92	E by N 1	Calm 0	9	10	148	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
21	30°05	30°25	52°5	46°3	40°1	61°4	258	224	65	72	N by W 2	WNW 1	6	4	—	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
22	29°42	29°39	53°6	52°4	37°2	64°4	229	268	56	69	SSE 1	Calm 0	0	1	—	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
23	29°45	29°37	60°1	51°3	44°8	73°7	279	273	54	72	S by E 1	SSE 1	1	0	—	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
24	29°28	29°15	63°0	56°2	43°6	81°0	279	342	66	75	NNE 2	NE 1	0	0	—	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
25	29°08	29°10	65°3	51°0	47°9	78°6	409	321	66	85	N by N 2	N by N 4	0	1	—	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
26	29°54	29°21	57°3	47°0	47°0	62°5	323	271	69	85	ENE 5	ENE 2	4	8	—	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
27	29°26	29°35	59°2	46°4	45°1	70°3	350	255	70	82	NNE 2	N by E 1	9	0	—	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
28	29°33	29°28	56°8	43°8	39°4	69°1	271	255	60	89	ENE 1	ENE 1	0	0	—	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
29	29°28	29°27	48°1	46°5	40°1	53°7	260	244	77	78	N by E 2	NNE 3	10	10	—	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
30	29°24	29°18	47°4	47°6	44°1	52°7	353	260	78	79	N by N 2	NNE 1	10	10	—	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
31	29°10	29°09	57°1	44°1	44°1	66°1	280	247	61	85	NNE 2	NE 1	8	1	—	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	
Means	29°982	29°977	54°0	49°0	43°0	62°2	299	291	71°4	83°0	3°0	2°0	6°4	4°6	1°153	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	☉ <sup>2</sup> moon 8p.	



## GELDESTON (BECCLES).

Height above Mean Sea Level, 37 feet. Long. 1° 31' E. Lat. 52° 28' N.

MAY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	51°	50°	33°	54°	in.	in.	85	85	WSW 2	WSW 4	10	10	ins.	0° 9a. 2° 11.5p.
2	29° 86	29° 62	51°	50°	33°	54°	218	207	85	85	WSW 2	WSW 4	10	9	520	0° 8.40a.
3	29° 69	29° 50	49°	53°	42°	54°	219	247	63	86	W 4	SW 4	10	9	300	Squally. Red glow round sun p.
4	29° 35	29° 26	49°	53°	43°	57°	241	241	98	82	W 4	WSW 2	10	1	100	Red glow round sun p. Squally p.
5	29° 31	29° 34	50°	54°	39°	56°	242	239	65	81	WSW 4	WSW 3	6	5	100	Red glow round sun p. Squally p.
6	29° 40	29° 52	50°	54°	36°	53°	264	265	73	86	W 3	W 1	2	10	100	Red glow round sun p. Squally p.
7	29° 69	29° 93	49°	51°	38°	53°	277	248	79	94	WNW 2	Calm	8	1	100	Red glow round sun p. Squally p.
8	30° 04	29° 97	51°	48°	34°	56°	266	265	70	80	WSW 1	SW 4	1	10	100	Red glow round sun p. Squally p.
9	29° 99	29° 07	55°	54°	46°	62°	298	376	66	88	WSW 4	WSW 2	9	7	100	Red glow round sun p. Squally p.
10	29° 13	29° 18	59°	56°	48°	65°	347	372	69	80	WSW 4	WSW 1	9	6	100	Red glow round sun p. Squally p.
11	29° 22	29° 16	61°	57°	49°	71°	396	373	73	79	WSW 2	SW 1	9	0	100	Red glow round sun p. Squally p.
12	29° 12	29° 00	68°	54°	44°	73°	389	326	56	76	S 2	E 1	0	0	100	Red glow round sun p. Squally p.
13	29° 08	29° 02	67°	51°	43°	70°	416	344	63	91	NE 1	ENE 1	0	3	100	Red glow round sun p. Squally p.
14	29° 00	29° 00	54°	50°	48°	60°	353	355	84	98	ENE 1	E 1	10	8	100	Red glow round sun p. Squally p.
15	29° 08	29° 02	54°	50°	48°	60°	353	355	84	98	ENE 1	E 1	10	8	100	Red glow round sun p. Squally p.
16	29° 06	29° 04	61°	60°	55°	71°	437	430	81	81	WSW 4	WSW 1	10	7	100	Red glow round sun p. Squally p.
17	29° 08	29° 04	61°	59°	51°	72°	407	303	77	60	WSW 2	Calm	0	0	100	Red glow round sun p. Squally p.
18	29° 08	29° 04	61°	59°	51°	72°	407	303	77	60	WSW 2	Calm	0	0	100	Red glow round sun p. Squally p.
19	29° 00	29° 04	52°	50°	47°	64°	283	283	64	86	NE 1	ENE 1	10	10	100	Red glow round sun p. Squally p.
20	29° 02	29° 22	55°	48°	44°	61°	277	277	65	80	W 1	SSW 1	3	2	100	Red glow round sun p. Squally p.
21	29° 43	29° 44	56°	47°	38°	63°	246	286	54	88	SW 1	E 1	1	0	100	Red glow round sun p. Squally p.
22	29° 47	29° 39	62°	50°	39°	65°	289	267	50	74	SE 1	ENE 2	1	0	100	Red glow round sun p. Squally p.
23	29° 30	29° 15	64°	55°	40°	68°	373	319	63	73	E 1	E 2	0	0	100	Red glow round sun p. Squally p.
24	29° 08	29° 11	64°	51°	46°	67°	392	347	63	92	NE 1	ENE 3	0	4	100	Red glow round sun p. Squally p.
25	29° 15	29° 18	64°	48°	40°	69°	365	287	73	87	ENE 3	NE 2	3	7	100	Red glow round sun p. Squally p.
26	29° 26	29° 33	57°	47°	40°	67°	292	263	62	80	E 3	ENE 2	1	0	100	Red glow round sun p. Squally p.
27	29° 32	29° 26	55°	45°	41°	58°	320	272	72	90	NNE 1	NE 1	7	4	100	Red glow round sun p. Squally p.
28	29° 25	29° 24	50°	49°	41°	52°	282	255	78	73	NNE 2	NE 2	10	10	100	Red glow round sun p. Squally p.
29	29° 21	29° 16	49°	46°	45°	53°	267	279	74	88	ENE 2	NE 1	10	8	100	Red glow round sun p. Squally p.
30	29° 09	29° 06	54°	46°	41°	56°	306	285	73	92	NE 3	ENE 1	6	0	100	Red glow round sun p. Squally p.
31	29° 06	29° 08	53°	48°	42°	55°	292	245	71	72	NNE 2	N 1	10	10	100	Red glow round sun p. Squally p.
Means	29° 992	29° 978	55° 9	50° 3	43° 6	61° 0	315	303	70° 3	82° 7	2° 2	1° 7	5° 9	5° 1	1° 360	

## CHELTENHAM.

Height above Mean Sea Level, 184 feet. Long. 2° 3' W. Lat. 51° 54' N.

MAY 1884.

1	29° 86	29° 66	48°	48°	30°	50°	—	—	—	—	SW 4	W 4	10	10	100	Cold with showers.
2	29° 75	29° 55	50°	51°	43°	53°	—	—	—	—	W 3	W 6	5	10	190	showers all day.
3	29° 40	29° 32	51°	43°	42°	53°	—	—	—	—	W 5	W 4	8	5	100	showers. 7p.
4	29° 34	29° 40	50°	44°	42°	54°	—	—	—	—	SW 4	W 2	9	9	140	Very fine.
5	29° 45	29° 61	48°	46°	34°	53°	—	—	—	—	W 2	W 1	10	6	140	Very fine.
6	29° 76	29° 98	48°	40°	31°	56°	—	—	—	—	W 2	W 1	2	1	100	Very fine.
7	29° 01	29° 00	50°	49°	32°	53°	—	—	—	—	SW 1	SW 4	9	8	100	Very fine.
8	29° 08	29° 10	54°	52°	48°	59°	—	—	—	—	SW 5	SW 3	8	5	100	Very fine.
9	29° 12	29° 22	57°	53°	50°	62°	—	—	—	—	SW 5	SW 1	6	5	100	Beautiful day. Swifts seen.
10	29° 22	29° 17	58°	48°	44°	71°	—	—	—	—	SW 2	S 1	5	1	100	Brilliant day.
11	29° 01	29° 08	71°	56°	43°	75°	—	—	—	—	S 6	S 2	0	1	100	Brilliant and hot, but with and dust.
12	29° 03	29° 02	53°	48°	39°	69°	—	—	—	—	N 3	NW 2	8	10	100	Fine till 7.30 p., then
13	29° 00	29° 03	55°	53°	47°	66°	—	—	—	—	NE 1	S 5	6	4	100	Very fine day.
14	29° 27	29° 06	54°	51°	48°	59°	—	—	—	—	W 6	W 1	6	3	100	Very fine day.
15	29° 06	29° 06	51°	53°	48°	57°	—	—	—	—	SW 6	SW 5	10	10	100	Fine, bright and hot.
16	29° 01	29° 05	56°	56°	53°	63°	—	—	—	—	SW 6	SW 1	7	10	100	Fine and bright.
17	29° 08	29° 11	57°	54°	50°	64°	—	—	—	—	SW 4	SW 3	3	9	100	Very beautiful day.
18	29° 06	29° 00	50°	51°	44°	60°	—	—	—	—	W 1	W 2	2	5	100	Fine and bright.
19	29° 00	29° 06	52°	48°	36°	61°	—	—	—	—	S 1	W 2	2	10	100	Fine and bright.
20	29° 09	29° 29	51°	46°	38°	61°	—	—	—	—	NW 1	NW 1	3	1	100	Very fine and bright.
21	29° 41	29° 39	56°	46°	31°	65°	—	—	—	—	S 2	SW 1	4	1	100	Very fine and bright.
22	29° 44	29° 32	62°	54°	33°	70°	—	—	—	—	S 1	Calm	0	0	100	Very fine and bright.
23	29° 23	29° 11	62°	58°	45°	77°	—	—	—	—	S 1	Calm	0	0	100	Very hot and bright.
24	29° 05	29° 01	65°	65°	43°	78°	—	—	—	—	NE 1	NE 4	0	10	100	Very hot and bright.
25	29° 09	29° 18	54°	52°	49°	65°	—	—	—	—	NE 1	NE 1	10	6	140	Very fine and bright.
26	29° 25	29° 28	56°	55°	46°	68°	—	—	—	—	NE 1	NE 2	5	1	100	Very fine and bright.
27	29° 20	29° 21	57°	54°	37°	67°	—	—	—	—	E 1	NE 3	8	1	100	Very fine and bright.
28	29° 27	29° 26	48°	50°	42°	57°	—	—	—	—	SE 2	NE 5	10	10	100	Very fine and bright.
29	29° 23	29° 18	48°	49°	45°	53°	—	—	—	—	NE 4	NE 2	10	10	100	Dull and cold.
30	29° 08	29° 06	53°	50°	46°	61°	—	—	—	—	NE 2	N 1	9	0	100	Very fine.
31	29° 09	29° 12	52°	49°	47°	55°	—	—	—	—	NE 1	NE 1	10	10	100	Fine but cold.
Means	29° 994	29° 993	54° 5	51° 1	42° 2	62° 1	—	—	—	—	2° 7	2° 3	6° 0	5° 5	0° 800	

NOTE.—The wet-bulb thermometer was out of action during this month.

## CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long. 4° 18' W. Lat. 51° 52' N.

MAY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	47°	47°	34°	50°	in.	in.	79	87	SW	6	W	2	10	7	ins.	Frequent showers.
2	29° 83	29° 71	47°	47°	34°	50°	261	277	79	87	SW	6	W	2	10	7	500	Frequent showers.
3	74	56	49°	50°	43°	52°	249	249	70	97	W	4	SW	6	10	10	500	Squally p. a. 6p.
4	43	34	47°	44°	39°	51°	230	249	69	84	W	4	W	2	10	10	500	Squally p. a. 6p.
5	38	41	50°	41°	38°	52°	238	221	65	84	W	7	Calm	0	8	0	500	Squally p. a. 6p.
6	49	64	49°	42°	36°	49°	243	240	70	91	W	3	W	1	8	8	500	Squally p. a. 6p.
7	82	99	52°	44°	40°	55°	226	248	59	86	NW	2	NW	1	6	3	—	Fine.
8	98	90	46°	48°	42°	52°	278	321	88	96	SW	3	SW	3	10	7	450	Stormy.
9	29° 97	30° 07	50°	50°	47°	52°	358	345	96	94	SW	4	S	3	10	10	500	Stormy.
10	30° 00	30° 20	52°	50°	49°	52°	348	353	90	98	SW	3	SW	2	10	10	500	Fine.
11	29° 20	29° 09	56°	49°	47°	63°	352	345	76	88	SW	2	Calm	0	8	0	—	Fine.
12	29° 04	29° 03	54°	48°	47°	60°	336	302	80	90	S	3	Calm	0	0	10	—	Fine.
13	30° 05	30° 03	54°	48°	47°	60°	336	302	80	90	Calm	0	NW	1	10	5	160	Fine.
14	29° 09	29° 74	49°	49°	43°	60°	306	339	86	92	SW	1	SW	4	10	8	500	after 8p.
15	29° 09	29° 12	52°	46°	46°	65°	324	259	71	82	W	5	Calm	0	8	0	500	after 8p.
16	30° 07	30° 04	49°	52°	45°	54°	345	379	97	98	SW	4	SW	1	10	10	100	Fine.
17	29° 04	29° 02	52°	51°	49°	53°	375	366	96	98	SW	1	SW	2	10	10	500	Fine.
18	29° 71	29° 75	54°	45°	45°	58°	344	280	80	92	S	4	Calm	0	8	2	—	Fine.
19	87	91	52°	43°	37°	55°	230	236	60	85	SW	2	Calm	0	3	0	—	Fine.
20	29° 90	29° 97	52°	43°	34°	55°	204	244	69	87	SW	1	Calm	0	5	0	—	Fine.
21	30° 10	30° 33	55°	40°	37°	59°	279	214	63	84	NW	1	Calm	0	5	0	—	Fine.
22	39	40	55°	45°	34°	59°	249	239	57	78	S	2	Calm	0	0	0	—	Fine.
23	40	28	64°	55°	38°	70°	279	313	46	72	Calm	0	Calm	0	0	0	—	Very fine.
24	30° 13	30° 07	65°	58°	48°	74°	369	365	59	76	E	1	Calm	0	0	0	—	Very fine.
25	29° 98	29° 97	70°	59°	52°	76°	422	401	56	80	E	2	E	4	0	10	610	17p.—11.30p.
26	30° 05	30° 14	50°	55°	50°	60°	336	367	92	85	NE	3	E	1	10	10	500	Overcast.
27	24	27	55°	54°	49°	66°	318	334	72	79	E	2	Calm	0	10	0	—	Fine.
28	24	19	60°	53°	46°	68°	280	271	54	68	NE	3	NE	2	0	0	—	Fine.
29	21	22	58°	47°	43°	65°	273	261	55	80	E	2	Calm	0	0	0	—	Fine.
30	21	16	51°	47°	44°	58°	242	236	64	73	E	3	E	2	7	0	—	Fine.
31	08	04	53°	53°	44°	61°	250	268	63	67	E	2	NE	1	7	9	—	Fine.
32	30° 09	30° 08	58°	51°	44°	61°	295	302	59	80	E	1	Calm	0	7	4	—	Fine.
Means	29° 98	29° 98	54°	49°	43°	59°	299	297	70°	85°	2°	6	1°	2	6°	4°	2°	380



## MARGATE.

Height above Mean Sea Level, 83 feet. Long. 1° 24' E. Lat. 51° 24' N.

MAY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	51.1	48.2	39.5	55.6	in.	in.	%	%	SW	2	W	4	7	10
2	29.94	29.76	51.1	48.2	39.5	55.6	212	322	57	96	W	3	W	5	9	10
3	78	61	50.8	52.3	46.8	56.7	265	355	71	90	W	5	W	4	10	2
4	46	36	53.4	45.4	45.1	59.0	361	268	88	89	SW	5	W	4	10	2
5	42	43	51.8	46.0	40.7	56.9	233	269	61	87	SW	5	SW	5	7	0
6	47	60	49.9	43.2	40.4	56.7	270	239	76	86	W	2	W	3	2	0
7	29.75	29.99	48.8	46.8	38.1	57.7	267	270	77	85	W	3	Calm	0	2	10
8	30.09	30.05	51.1	47.1	37.8	57.7	272	280	72	87	Calm	0	SW	4	2	10
9	08	16	56.0	53.3	46.3	58.9	312	362	70	89	SW	4	SW	5	6	7
10	21	25	56.6	52.3	47.8	62.9	358	331	78	84	SW	4	SW	2	9	5
11	28	21	62.0	54.9	45.3	71.2	348	340	62	80	SW	1	Calm	0	1	0
12	14	30.02	67.9	60.1	51.4	71.1	364	334	52	64	S	1	SSE	1	0	0
13	00	29.91	58.8	52.1	49.1	65.7	374	362	70	93	Calm	0	E	0.5	7	2
14	30.02	29.91	54.7	52.1	49.1	57.0	345	365	81	93	NNE	1	NE	1	2	10
15	29.88	30.01	55.5	53.9	47.9	61.6	322	312	74	75	S	3	W	4	10	0
16	30.13	30.10	52.9	52.9	49.5	60.0	294	305	74	91	W	4	W	4	10	10
17	30.02	30.02	60.0	52.8	52.1	60.9	428	364	83	91	SW	4	S	3	6	1
18	29.97	29.72	60.3	58.4	48.7	74.8	425	386	82	79	S	2	Calm	0	0	4
19	84	90	52.3	48.8	48.3	59.6	329	295	83	86	NW	1	E	1	10	7
20	29.89	29.92	54.1	47.3	46.1	55.0	308	274	74	85	NE	1	NE	2	9	10
21	30.08	30.28	52.6	47.2	46.1	59.4	265	273	67	85	NE	1	SW	1	0	0
22	46	46	57.2	50.4	40.6	60.9	317	238	68	66	SW	1	Calm	0	0	0
23	47	35	60.3	53.6	46.7	63.9	391	318	75	77	E	0.5	E	2	0	0
24	26	12	60.8	54.1	50.2	62.7	362	365	69	87	SE	1	Calm	0	0	0
25	06	06	61.9	53.4	45.6	66.1	409	358	75	88	E	1	NE	2	0	0
26	09	15	53.4	50.4	49.9	54.6	318	327	78	89	NE	3	NE	3	10	8
27	23	32	56.0	51.5	49.8	58.7	316	342	71	90	N	2	N	2	0	0
28	29	22	55.4	48.9	48.1	58.1	375	296	86	86	NE	2	E	3	1	0
29	24	23	50.3	49.7	46.9	53.5	283	265	78	75	NE	2	E	2	10	10
30	19	12	52.4	50.6	48.2	55.5	270	301	69	81	N	2	NE	2	10	0
31	06	01	55.1	51.9	50.1	57.7	345	315	80	82	N	3	NE	4	6	1
Means	30.03	30.08	54.9	50.1	49.3	57.2	301	241	70	68	NE	3	NNE	2	2	10

## SOUTHAMPTON.

Height above Mean Sea Level, 78 feet. Long. 1° 24' W. Lat. 50° 55' N.

MAY 1884.

1	29.95	29.78	53.5	50.0	35.1	53.8	274	337	67	94	SW	2.5	SW	5	9	10
2	82	67	52.5	52.0	45.3	57.4	291	358	73	92	W	3	SW	4.5	10	10
3	48	43	53.8	44.9	44.5	57.8	301	251	87	85	WSW	5	WNW	5	10	10
4	47	47	52.6	46.2	41.1	56.4	267	281	68	91	WSW	4.5	WSW	3	9	2
5	52	65	53.8	45.4	40.4	56.1	273	236	66	78	WNW	3	WNW	1.5	8	0
6	29.78	29.99	54.6	46.2	36.0	61.7	282	257	67	83	NW	2	WNW	4	1	10
7	30.08	30.00	50.8	50.2	37.8	53.6	278	356	75	98	SW	3	SW	5	10	10
8	09	21	55.8	51.8	46.9	57.8	367	356	82	92	SW	4	SW	4	10	10
9	23	26	53.1	51.1	49.0	62.1	349	340	86	90	SW	2.5	SW	2	10	2
10	26	30.17	61.2	56.3	44.9	70.3	386	393	72	86	SSE	2	SE	0.5	3	0
11	09	29.99	66.6	57.8	49.8	74.1	396	344	61	72	SSE	2	SE	0.5	0	0
12	00	94	58.8	57.7	47.4	74.9	380	358	77	75	NNE	2	N	5.5	8	10
13	30.01	29.92	57.7	50.6	48.6	66.4	373	326	78	88	NE	1.5	SW	2	1	1
14	29.87	30.09	54.8	52.6	49.3	62.2	359	326	84	81	SW	4	W	3.5	9	1
15	30.16	30.14	53.7	52.6	46.9	56.4	293	377	71	95	SW	4.5	SW	5	10	10
16	30.12	30.03	54.3	52.9	51.9	61.8	382	370	90	93	SW	2.5	SW	3	10	10
17	29.85	29.75	52.6	53.1	48.7	65.9	358	349	90	86	SW	1.5	SW	1	10	2
18	87	88	56.1	52.0	48.9	63.8	251	246	56	64	NW	2	NW	2	7	6
19	29.89	29.92	50.1	52.9	45.2	61.2	285	303	79	76	N	1.5	ESE	1	10	10
20	30.08	30.29	56.1	49.6	45.0	62.1	316	276	69	78	NW	1	SW	0.5	7	0
21	44	44	58.7	49.9	38.8	65.7	313	270	63	75	SW	1.5	S	0.5	0	1
22	42	30	65.6	57.4	38.1	71.0	337	325	53	69	E	3	ENE	1.5	0	0
23	21	30.09	67.5	58.0	46.7	77.2	375	375	55	78	ENE	2	NW	0.5	0	0
24	03	29.99	71.0	64.0	50.2	76.6	464	446	61	75	NE	0.5	SSE	2	0	10
25	06	30.14	55.6	52.3	51.5	65.6	389	284	87	72	NE	3.5	NE	2	10	0
26	20	28	61.5	54.6	46.4	70.3	380	282	70	67	NE	2.5	NE	2	1	0
27	26	20	62.4	55.0	43.9	70.1	345	282	62	66	E	3	E	1.5	0	0
28	23	21	55.0	52.8	42.1	63.4	284	278	66	70	NE	3	NE	5	1	10
29	19	30.12	50.1	50.0	47.1	56.6	256	263	71	73	NE	3	NE	2.5	10	1
30	03	29.99	59.7	54.0	45.0	60.4	338	332	66	79	NE	2	Calm	0	9	2
31	30.06	30.10	57.2	53.6	43.8	64.7	296	294	63	72	NE	3.5	N	1	5	10
Means	30.024	30.013	57.0	52.5	45.0	64.0	332	318	71.5	80.4		2.6	2.4	6.2	4.5	1.046

## ST. LEONARDS.

Height above Mean Sea Level, 116 feet. Long. 0° 33' E. Lat. 50° 51' N.

MAY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	50.0	47.8	39.7	51.5	in.	in.	%	%	SW	3	SW	5	2	10	ins. 0.80	↘ (moderate gale) before midnight.
2	29.96	29.79	50.0	47.8	39.7	51.5	271	305	76	92	SW	3	SW	6	9	10	0.020	Overcast day. ↘ (moderate gale) before
3	82	69	51.3	50.6	46.1	53.4	285	343	75	93	W	3	SW	6	9	10	0.060	Overcast, with ↘ all day. [midnight.
4	52	41	49.7	47.1	47.1	53.7	355	288	99	89	SW	5	W	5	10	2	—	↘ all day, reaching gale force at times.
5	50	48	49.1	48.4	42.5	52.5	265	295	75	87	WSW	7	W	6	8	5	—	● ▲ 11A. T in morning. ☁ at
6	29.76	29.64	50.7	46.0	42.7	53.3	273	283	74	92	W	4	W	3	3	0	0.030	Very fine day. [night.
7	30.11	30.00	49.7	46.0	39.5	54.3	272	246	76	80	W	2	NW	3	1	0	—	
8	13	07	51.6	49.4	42.2	53.0	298	300	78	86	SW	3	SW	5	4	10	0.029	
9	27	22	51.6	51.2	48.7	54.3	350	358	92	96	WSW	4	W	3	10	3	0.09	
10	29	20	58.8	58.7	46.0	67.4	340	374	69	76	WSW	4	W	2	10	2	—	
11	30.13	30.01	62.1	62.8	54.4	72.2	364	374	69	76	S	1	Calm	0	0	0	—	Fine and beautifully clear all day.
12	29.97	29.97	70.8	56.9	55.7	71.2	385	364	66	57	SE	1	Calm	0	0	0	—	Very fine all day.
13	30.00	29.93	59.9	51.8	51.8	61.2	384	403	51	87	E	2	S	3	2	10	137	☉ K at night.
14	29.90	30.06	54.2	52.0	49.6	57.9	325	359	74	93	E	2	SW	1	4	10	0.007	↙ in the South 11p.
15	30.18	30.16	51.7	51.3	46.3	54.0	278	354	72	94	WSW	5	SW	5	10	10	0.003	Overcast day.
16	30.13	30.06	53.1	50.9	50.7	54.1	373	354	92	95	WSW	5	WSW	3	10	10	—	Overcast day.
17	29.87	29.73	52.9	56.6	46.3	68.1	364	352	91	76	ESE	2	NW	1	7	0	0.01	☁ early A. ☙ in SW. at night.
18	83	89	54.0	51.6	50.2	57.3	327	320	78	83	NW	2	ESE	1	10	9	—	
19	29.86	29.92	56.2	48.6	47.6	58.9	264	260	57	76	NE	2	ENE	3	10	10	—	Overcast day.
20	30.08	30.32	57.5	47.7	46.3	6	271	267	57	81	NE	3	SSW	2	2	0	—	Fine. Evening obs. taken rather late.
21	45	44	58.7	53.9	45.1	62.1	301	257	61	62	S	1	E	3	0	0	—	Very fine all day.
22	43	31	65.4	55.0	50.3	68.5	308	307	47	71	ENE	3	ENE	4	0	0	—	Very fine all day.
23	23	08	60.8	62.0	53.0	78.0	292	362	44	65	E	4	NNE	3	0	0	—	Very fine all day.
24	04	01	68.4	60.8	55.7	73.1	304	308	58	72	ESE	2	NE	3	0	2	0.014	☙ in SW. late p.
25	06	13	54.7	51.0	51.0	63.1	325	304	76	81	ENE	3	NE	5	10	8	—	Overcast day.
26	19	28	63.0	49.7	49.7	68.0	374	286	65	81	NE	3	NE	3	4	0	—	Very fine from 10A.
27	26	22	62.5	49.3	47.3	65.6	282	273	49	78	E	2	NE	3	0	0	—	Very fine all day.
28	23	21	53.2	49.6	43.1	56.7	267	261	66	74	NE	2	NE	3	10	10	—	Overcast day.
29	16	30.10	56.5	47.8	47.8	59.2	279	267	61	81	NE	3	NE	4	9	0	—	
30	01	29.98	61.5	50.8	46.9	66.8	340	318	63	85	NE	2	NE	4	1	0	—	Very fine all day.
31	30.01	30.08	59.3	52.4	47.3	65.1	290	283	57	72	NE	3	NNE	2	0	9	—	
Means	30.028	30.023	56.6	51.9	47.7	60.9	318	313	70.1	81.4	3.0	3.1	4.9	4.3	0.398			



## BABBACOMBE.

Height above Mean Sea Level, 293 feet. Long. 3° 31' W. Lat. 50° 29' N.  
MAY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	49°	48°	38°	50°	ins.	ins.	%	%	WSW 4	W 5	10	10	ins.	○ 9.14a.-9.30a. (gale) 2.30p.-4p. Squally (gale) p. [Squally 9p.
2	85	70	50°	50°	47°	56°	308	345	84	96	WSW 4	WSW 6	10	10	0.06	Squally (gale) 4a.-6a.
3	54	48	51°	52°	42°	54°	293	227	76	86	WSW 5	WSW 5	10	2	0.010	Squally a. Sky pinkish yellow near [and below sun p.
4	51	51	50°	44°	42°	55°	259	239	70	81	W 6	WSW 3	3	4	0.020	△ 11a. Sky pinkish yellow near and [below sun p. D.
5	56	29° 59'	51°	42°	41°	55°	229	227	68	83	W 3	WSW 2	8	0	0.030	D. n. and p. K 9.30a. Sky pink near [sun p.
6	29° 51'	30° 05'	53°	43°	38°	58°	227	223	68	77	NNE 2	W 2	8	1	0.260	Dull day. [below sun 3p.-7p. D. p.
7	30° 06'	02	48°	47°	40°	50°	277	298	80	93	SSW 3	WSW 3	10	3	—	D. n. Sky pinkish yellow near and [below sun 3p.-7p. D. p.
8	07	18	54°	50°	46°	55°	342	335	81	93	WSW 5	SW 5	10	10	—	△ a. D. 2 (mist) 9p.
9	20	27	55°	48°	48°	61°	338	318	78	93	SW 5	SW 1	6	4	—	D. n. and p. Fine day.
10	26	16	49°	51°	45°	58°	327	345	94	92	ENE 1	NE 2	9	0	—	T 3.50p. < in NE. 9.20p.
11	03	03	63°	50°	49°	72°	384	311	65	84	S 3	NW 3	0	1	—	D. in past n.
12	05	30° 00'	52°	51°	46°	64°	339	271	85	73	NNW 1	NNW 3	10	3	—	—
13	30° 03'	29° 59'	55°	50°	43°	61°	313	327	71	88	NE 1	SSW 4	1	10	—	—
14	29° 59'	30° 18'	54°	48°	47°	59°	276	269	66	80	W 4	W 3	7	3	—	—
15	30° 18'	16	51°	51°	46°	54°	297	366	78	95	WSW 5	WSW 5	10	10	—	—
16	30° 13'	30° 02'	55°	50°	50°	59°	377	355	87	96	WSW 4	SW 4	10	10	—	—
17	29° 52'	29° 58'	51°	50°	48°	59°	336	321	87	88	S 3	WSW 2	10	7	—	—
18	01	03	51°	46°	44°	58°	240	230	65	75	WNW 1	WNW 2	8	1	—	—
19	29° 52'	29° 06'	54°	46°	39°	60°	272	238	65	75	NE 2	NW 3	2	1	—	—
20	30° 12'	30° 32'	54°	48°	43°	62°	267	226	82	68	NE 2	NW 2	1	3	—	—
21	44	43	54°	47°	37°	59°	288	288	68	90	NE 2	Calm	0	2	—	—
22	41	28	57°	54°	42°	60°	312	339	66	81	NE 2	NE 3	0	1	—	—
23	20	30° 10'	59°	56°	52°	62°	351	301	70	66	NE 3	NNE 1	0	0	—	—
24	01	29° 59'	61°	56°	55°	63°	366	396	67	86	NE 3	NNE 2	7	9	—	—
25	07	30° 15'	52°	54°	52°	58°	382	379	95	89	E 2	SSW 2	10	10	—	—
26	23	27	54°	54°	50°	63°	315	342	75	81	NNE 2	ENE 2	10	0	—	—
27	25	19	54°	52°	49°	60°	309	323	72	80	ENE 3	NE 2	1	6	—	—
28	23	21	48°	50°	47°	55°	264	309	78	83	ENE 4	ENE 3	9	10	—	—
29	19	12	47°	50°	46°	53°	236	251	73	70	ENE 4	NE 5	10	10	—	—
30	04	02	57°	54°	46°	64°	309	279	66	66	NE 2	N 3	5	6	—	—
31	30° 09'	30° 13'	51°	52°	47°	59°	273	287	72	74	NNE 2	N 2	10	8	—	—
Means	30° 034	30° 033	53° 5	49° 9	45° 5	59° 1	305	299	74° 4	82° 9	5° 0	2° 9	6° 6	5° 0	1° 530	

## ST. AUBIN'S, JERSEY.

Height above Mean Sea Level, 139 feet. Long. 2° 10' W. Lat. 49° 11' N.  
MAY 1884.

1	30° 07'	30° 01'	51°	51°	40°	54°	269	308	70	81	W 3	SW 3	5	10	0.025	△ a. ○ at times. Gloomy p.
2	29° 58'	29° 01'	51°	52°	49°	55°	371	344	96	88	W by S 5	WSW 4	10	10	0.110	Gloomy day.
3	75	62	52°	46°	46°	54°	363	283	93	91	WSW 5	W 3	10	1	0.360	Gloomy day. [day. △ and * (sleet) showers during
4	69	65	51°	47°	44°	54°	292	275	76	84	SW 3	SW 2	5	7	0.100	○ at times. D. U p. Bar. 29° 55' 11p
5	67	29° 57'	51°	46°	43°	55°	273	282	72	90	NW 2	W 1	5	3	0.050	△ a. and p. D. p.
6	29° 58'	30° 10'	49°	47°	42°	55°	278	294	79	91	SW 3	NW 1	9	0	—	△ a. and p. [p
7	30° 18'	15	52°	50°	43°	52°	299	345	77	95	SW 3	SW 6	7	10	0.024	D. a. ○ early a. Day gloomy.
8	23	30	56°	53°	49°	60°	377	382	83	93	SW 3	W 1	3	10	—	Fair and mild; gloomy at times.
9	32	32	57°	53°	48°	63°	354	323	76	79	S 2	Calm	0	3	—	Perfect weather. Mirage seen in S.E. [3° 45p.-sunset. D. p.
10	28	17	62°	60°	50°	72°	372	387	67	73	E 1	Calm	0	0	—	△ a. Cloudless day.
11	09	05	65°	51°	50°	76°	340	348	54	93	ENE 1	NW 3	0	1	—	Temp. fell 25° 6 2p.-8p. D. p.
12	01	01	62°	52°	47°	63°	404	289	71	73	N 2	N 2	3	2	0.004	△ a. T 5p.-7p.
13	06	00	59°	51°	48°	65°	347	297	69	79	N 1	Calm	0	1	0.009	Extremely fine.
14	02	25	56°	50°	49°	58°	360	322	80	89	SW 4	W 3	9	0	—	○ p. D.
15	33	31	52°	52°	47°	59°	304	332	77	84	WSW 3	WSW 3	10	5	—	Overcast, with cold breeze.
16	20° 26'	30° 11'	52°	50°	50°	61°	381	359	96	97	W by S 2	Calm	0	10	0.002	Gloomy a. Fine p. (mist) D. p.
17	29° 58'	29° 54'	50°	51°	47°	68°	380	350	76	93	Calm	Calm	0	4	0.036	△ early a. Extremely fine. D. p.
18	02	05	53°	49°	49°	56°	314	270	76	76	N 2	Calm	0	8	0.015	Day very cloudy.
19	29° 01'	29° 06'	50°	50°	47°	52°	302	304	82	85	N 2	N 1	10	10	0.030	Very gloomy.
20	30° 15'	30° 35'	56°	49°	47°	62°	321	319	70	92	E 1	N 1	9	0	—	Extremely fine. D. p.
21	46	42	60°	52°	46°	65°	321	244	61	63	E 2	NE 3	0	0	—	Extremely fine and very dry.
22	36	23	62°	59°	50°	66°	324	330	58	66	NE 3	NE 3	0	0	—	Extremely fine and dry.
23	17	07	67°	63°	54°	73°	417	387	62	67	E 2	Calm	0	2	—	—
24	03	01	68°	62°	58°	76°	441	477	64	83	E 2	ENE 2	5	10	0.140	Warmest day yet observed here in May
25	03	12	68°	55°	55°	73°	492	393	70	90	NE 1	NE 1	1	0	—	Distant K 0 early a. Beautiful day.
26	19	23	59°	55°	50°	65°	398	319	78	73	NE 2	NE 3	9	0	—	Very cloudy a. Much cooler. [D. p.
27	22	15	63°	57°	51°	66°	361	332	62	71	NE 2	NE 3	0	2	—	△ (mist) all day, but very fine.
28	17	15	60°	52°	52°	63°	364	330	70	85	E 2	NE 3	4	8	—	Very fine a. Cloudy with cold breeze p.
29	30° 12'	30° 07'	54°	51°	48°	58°	290	301	69	79	ENE 3	NE 3	9	1	—	Squally a. and p. Day fine but with
30	29° 58'	29° 58'	60°	55°	50°	64°	344	302	66	70	NE 3	NE 2	2	0	—	Fine, bright and very dry. Cold wind.
31	30° 03'	30° 12'	56°	52°	50°	60°	332	310	73	80	NE 2	NE 1	7	0	—	Extremely fine but cool.
Means	30° 077	30° 075	57° 5	52° 6	48° 7	62° 4	327	323	73° 3	82° 4	2° 3	1° 9	5° 0	3° 4	0° 905	

Earth temperature: Mean of 10 readings (every third day) at 1 foot 59° 0, 3 feet 55° 7, 6 feet 52° 6.

## LONDONDERRY.

Height above Mean Sea Level, 93 feet. Long. 7° 19' W. Lat. 55° 0' N.  
MAY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	45°	38°	35°	51°	in.	in.	%	%	W 6	NW 4	4	5	ins.	Squally all day.
2	29° 39'	29° 49'	45°	38°	37°	48°	255	209	74	86	WSW 4	W 2	10	10	220	showers.
3	18	09	39°	42°	42°	37°	282	236	93	85	WSW 4	NW 3	10	10	280	Squalls of Δ and ✱ [day.
4	12	37	47°	43°	40°	48°	147	239	61	88	W 4	NW 3	10	10	580	showers.
5	48	69	49°	42°	39°	52°	255	242	78	87	NW 3	NW 1	10	7	350	showers.
6	82	95	48°	39°	38°	51°	248	229	70	86	N 1	S 1	9	1	070	
7	74	52	41°	48°	35°	53°	241	228	72	93	N 1	Calm	0	5	050	Fine all day.
8	66	29° 56'	49°	46°	45°	54°	265	270	91	81	S 1	SW 6	10	7	330	till 4p.
9	29° 51'	30° 01'	55°	53°	46°	62°	382	321	73	100	S 2	S 1	10	10	700	from Noon.
10	30° 05'	30° 04'	54°	53°	48°	61°	375	343	86	84	S 2	WSW 1	10	3	040	
11	29° 57'	29° 56'	52°	52°	43°	62°	384	390	89	94	SE 2	SW 1	10	10	040	till 4p.
12	07	30° 01'	56°	46°	43°	59°	384	308	68	79	S 1	SW 2	3	1	—	Fine and clear all day.
13	79	29° 48'	52°	49°	40°	56°	285	257	62	82	SW 2	S 1	7	1	—	Overcast day.
14	74	03	54°	47°	44°	55°	322	306	71	83	S 2	S 3	10	0	060	
15	77	81	53°	51°	45°	57°	371	271	71	84	NNW 2	S 3	8	10	260	from 6p.
16	72	63	54°	54°	51°	59°	385	92	95	SW 1	S 1	10	10	210	4p.-8p.	
17	44	57	55°	42°	43°	61°	363	236	84	85	SW 3	SW 5	10	2	150	showers.
18	73	29° 56'	49°	45°	39°	54°	237	249	66	82	SW 4	SW 1	4	3	010	Overcast day.
19	29° 51'	30° 02'	51°	43°	38°	55°	234	61	81	W 1	W 1	2	1	140	2 showers 1p.-2p.	
20	30° 11'	21	52°	47°	38°	56°	224	58	85	W 1	S 1	4	10	040	showers.	
21	22	19	49°	54°	45°	57°	267	338	74	80	S 3	SW 3	10	—	—	Overcast.
22	35	33	55°	56°	52°	66°	305	405	84	90	SE 1	N 1	10	2	—	Overcast. Warm.
23	28	21	63°	52°	43°	72°	290	325	49	81	W 1	S 1	0	0	—	Fine and warm.
24	13	09	61°	55°	44°	74°	373	370	68	85	NE 1	N 1	0	0	—	Fine. ∞
25	12	18	60°	56°	51°	66°	328	378	61	82	SE 1	E 1	2	10	—	Fine. ∞
26	29	32	51°	55°	49°	62°	290	326	75	73	E 1	E 1	10	10	—	Overcast day.
27	32	28	64°	54°	46°	72°	348	332	56	79	E 1	E 1	10	—	—	Fine and clear.
28	31	33	63°	52°	44°	70°	353	313	60	78	E 1	N 1	0	0	—	Fine and clear.
29	32	23	61°	53°	43°	67°	326	354	59	86	SE 1	NE 1	0	0	—	Fine. ∞
30	18	15	54°	48°	45°	61°	317	297	75	89	N 1	E 1	10	0	—	Fine and clear.
31	30° 20	30° 13	57°	49°	42°	64°	340	312	71	83	E 1	E 1	8	10	—	Fine and clear.
Means	29° 58'	29° 50'	53°	49°	43°	59°	301	301	73°	85°	1°	1°	6°	5°	3° 510	



## MARKREE CASTLE, SLIGO.

Height above Mean Sea Level, 131 feet. Long. 8° 27' W. Lat. 54° 11' N.

MAY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	49°	43°	38°	51°	in.	in.	%	%	W	W	10	10	ins.	
2	29°48	29°52	49°	43°	38°	51°	29°	29°	83	97	W	W	10	10	29°	
3	54	44	44°	42°	38°	49°	23°	22°	81	84	W	W	10	10	560	
4	50	40	40°	43°	36°	47°	23°	22°	88	80	W	W	10	10	560	
5	53	42	46°	43°	39°	51°	25°	22°	82	80	W	W	10	10	560	
6	53	42	48°	43°	42°	52°	25°	24°	75	88	NNW	NNW	10	10	560	
7	55	45	46°	43°	38°	50°	22°	20°	71	86	NNW	NNW	10	10	560	
8	59	50	43°	48°	35°	55°	27°	25°	98	73	SSE	WSW	10	10	560	
9	57	49	49°	52°	45°	56°	34°	37°	96	95	SSE	SSW	10	10	560	
10	58	50	55°	52°	51°	61°	39°	35°	91	90	WSW	SW	10	10	560	
11	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
12	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
13	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
14	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
15	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
16	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
17	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
18	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
19	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
20	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
21	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
22	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
23	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
24	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
25	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
26	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
27	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
28	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
29	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
30	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
31	58	50	53°	53°	51°	61°	40°	34°	99	85	SSE	S	10	10	560	
Means	29°86	29°90	52°	48°	42°	58°	31°	30°	78°	86°	1°	1°	8°	7°	2°	2°

## DUBLIN.

Height above Mean Sea Level, 51 feet. Long. 6° 15' W. Lat. 53° 20' N.


MAY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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	29°59	29°63	49°	44°	42°	56°	27°	22°	78	77	SW	W	9	3	014	Squally a. and p. Searching wind p.
2	62	49	49°	47°	42°	52°	25°	20°	71	90	WSW	WNW	10	10	076	Squally a. Bar. 29°45. 3.30p.
3	33	41	47°	44°	40°	52°	21°	23°	67	82	W	W	7	7	126	Squally a. and p.
4	25	40	49°	45°	42°	53°	24°	21°	68	81	W by N	WNW	6	1	011	Squally a. showers 11a.-2p. T p.
5	50	66	48°	45°	38°	51°	23°	27°	69	91	swb.w.4	NW	7	8	102	△ showers p.
6	82	95	48°	44°	37°	52°	22°	25°	67	88	NW	SW	7	8	120	△ showers p.
7	79	70	47°	41°	39°	57°	20°	25°	81	69	SSE	SW	10	7	040	Squally p. [with p.]
8	77	29°85	50°	55°	48°	65°	34°	30°	76	82	swb.w.4	SW	10	6	010	Squally (gale) n. Day fine and warm.
9	29°92	30°08	57°	58°	54°	67°	36°	31°	81	76	S by W	SW	10	7	019	Very fine from 11a.
10	30°08	30°09	61°	54°	54°	65°	35°	32°	66	75	SW	SW	8	4	—	Squally a. Very fine and warm.
11	29°85	29°92	56°	55°	46°	69°	35°	34°	78	78	ESE	WSW	4	8	—	△ a. and p. Very warm and bright p.
12	30°01	30°00	56°	53°	48°	60°	31°	31°	69	78	WSW	NW	1	6	—	△ p.
13	29°89	29°59	56°	49°	46°	57°	30°	25°	67	72	S	SW	9	1	036	Squally p.
14	74	30°04	52°	49°	48°	58°	28°	28°	74	83	NW	WNW	9	10	263	Squally a.
15	87	29°91	57°	58°	47°	61°	27°	25°	84	87	swb.w.5	swb.w.5	8	10	—	Squally a. Very warm day.
16	86	77	59°	56°	55°	63°	30°	30°	77	81	WSW	SSW	4	9	—	△ a. and p. Warm, but cloudy. [3p.]
17	56	69	56°	46°	46°	64°	34°	22°	75	70	SSW	WNW	3	7	—	Squally a. and p. (gale p). Bar. 29°50.
18	81	29°85	48°	49°	40°	58°	23°	20°	65	77	W	SW	4	5	011	Very fine till 4p., then showers. △
19	29°91	30°01	50°	46°	40°	54°	25°	20°	71	84	W	Calm	0	5	220	T 11a. △ showers p. [6p.]
20	30°13	30°13	54°	50°	39°	67°	33°	25°	66	70	W by N	WSW	2	4	—	Very fine throughout.
21	31	30	57°	53°	44°	60°	30°	30°	56	74	SSW	SSW	1	4	—	Partial △ ga.
22	38	33	58°	53°	47°	66°	33°	27°	67	68	E	E	2	0	—	Warm and bright.
23	26	16	59°	56°	49°	65°	32°	34°	64	76	E by S	Calm	0	1	—	△ ga. Brilliant day. ∞ p.
24	08	02	61°	58°	51°	64°	34°	30°	65	75	E	E	1	0	040	Cloudless a., with ∞. Sultry p. < late
25	08	15	53°	53°	52°	59°	34°	37°	85	93	E	SE	2	10	240	△ (mist) a. Day dull and gloomy.
26	25	31	51°	50°	50°	54°	35°	32°	94	91	ESE	ESE	1	10	030	Dull and damp.
27	29	25	58°	51°	47°	60°	34°	27°	71	75	E	E	1	0	—	Brilliant throughout.
28	23	29	56°	51°	43°	58°	30°	20°	68	76	ENE	ENE	2	0	—	Very bright, with cool wind. ∞ p.
29	30	23	51°	48°	46°	56°	28°	27°	77	80	ENE	ENE	3	10	—	Overcast a. Sunny p.
30	17	13	52°	49°	41°	57°	25°	27°	65	78	ENE	ENE	2	10	—	Cold and cloudy a. Sunny p. ∞
31	30°17	30°15	53°	51°	42°	60°	32°	28°	81	76	ESE	Calm	0	10	—	Very bright from 11a. △ (mist) p.
Means	29°93	29°94	53°	51°	45°	59°	30°	28°	72°	79°	3°	2°	6°	4°	1°	358

## PARSONSTOWN (BIRR CASTLE).

Height above Mean Sea Level, 182 feet. Long. 7° 55' W. Lat. 53° 6' N.

MAY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	48°	43°	39°	54°	in.	in.	%	%	SW	WSW	10	10	ins.	Squally p.  (mist) op.
2	29°60	29°67	45°	46°	40°	53°	27°	27°	89	83	SW	WSW	10	10	0°06	
3	33	29	47°	44°	39°	48°	20°	23°	63	78	W	W	10	10	1°49	
4	33	46	46°	43°	40°	53°	25°	23°	82	82	SSW	WNW	8	10	1°02	
5	54	70	48°	43°	38°	53°	24°	24°	71	85	NNW	Calm	0	6	9°24	
6	85	98	49°	42°	34°	54°	22°	23°	64	87	NNW	Calm	0	8	1°02	
7	67	73	48°	49°	38°	55°	20°	20°	88	74	SSE	WSW	3	10	9°02	
8	75	29°84	50°	53°	46°	59°	30°	37°	87	90	SW	SSW	2°	10	1°18	
9	29°91	30°07	55°	57°	52°	63°	30°	32°	89	68	SSW	S	1°	10	1°02	
10	30°06	30°06	50°	50°	50°	64°	30°	32°	80	88	S	SSE	1	10	1°02	
11	29°84	29°93	55°	51°	46°	64°	30°	29°	82	78	S	SSE	1	10	1°02	
12	30°01	30°01	54°	46°	43°	58°	28°	27°	67	86	NW	S	1	10	1°03	
13	29°77	29°48	52°	48°	42°	54°	29°	27°	76	81	S	SSE	3	10	1°39	
14	85	30°04	50°	48°	41°	55°	32°	25°	89	76	WNW	WSW	2	10	1°02	
15	89	29°92	54°	53°	46°	56°	30°	30°	94	99	WSW	SW	1°	10	1°04	
16	86	71	56°	53°	53°	62°	30°	35°	87	84	SW	SSE	2	10	1°09	
17	49	73	55°	42°	41°	57°	33°	22°	78	84	SSW	SW	2	8	—	
18	81	29°87	48°	41°	35°	56°	33°	24°	67	92	W	SE	0°	8	1°04	
19	29°92	30°05	49°	42°	35°	56°	24°	24°	69	89	NW	Calm	0	8	1°02	
20	30°15	24	48°	47°	33°	56°	23°	26°	70	83	W	Calm	0	8	—	
21	26	29	55°	52°	42°	59°	28°	31°	66	79	S	SSE	1°	8	—	
22	35	31	59°	52°	45°	69°	36°	28°	71	72	S	Calm	0	7	—	
23	22	30°14	61°	58°	40°	73°	34°	36°	63	74	Calm	SE	1	0	—	
24	03	29°97	62°	63°	42°	75°	38°	43°	69	73	Calm	NE	0°	0	10	3°05
25	00	30°12	55°	53°	52°	64°	40°	38°	91	93	ESE	SE	1	10	10	°02
26	18	28	57°	55°	53°	67°	40°	36°	85	84	SE	SE	0°	10	10	—
27	24	22	61°	51°	45°	69°	36°	20°	69	69	SE	ENE	1	0	0	—
28	23	28	60°	51°	39°	66°	32°	28°	62	75	NE	Calm	0	0	0	—
29	27	22	56°	50°	42°	62°	32°	25°	72	80	NNE	NE	1	0	0	—
30	14	11	55°	48°	37°	61°	22°	26°	69	77	SE	ESE	1	5	0	—
31	30°15	30°14	50°	54°	37°	62°	29°	31°	64	74	Calm	SE	1	0	10	—
Means	29°912	29°947	53°8	49°8	42°4	60°1	31°8	29°3	76°3	81°1	1°1	1°3	7°0	6°6	2°196	



## DUNROBIN CASTLE.

Height above Mean Sea Level, 12 feet. Long. 3° 59' W. Lat. 57° 57' N.

JUNE 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.		
	ins.	ins.	°	°	°	°	in.	in.	%	%						ins.
1	29.67	29.50	55.0	51.5	46.9	55.7	.335	.305	75	80	SW	SW	—	—	—	Cloudy, blowy, and mild.
2	59	75	54.7	55.0	46.7	62.4	.345	.337	81	78	SE	SE	—	—	—	Fine and dry.
3	80	80	54.3	48.7	45.9	57.9	.324	.319	77	93	SE	E	—	—	—	
4	82	88	50.3	46.4	42.7	50.4	.299	.271	82	87	E	E	—	—	—	Dull and mild.
5	76	71	53.3	48.3	40.2	53.5	.254	.276	63	82	E	SE	—	—	—	Dull day.
6	67	67	52.7	49.5	43.7	54.7	.291	.304	74	87	E	E	—	—	—	Dull and mild.
7	76	86	53.0	50.3	43.5	53.0	.335	.295	83	81	SE	NE	—	—	—	Dull day.
8	87	29.96	48.3	47.2	44.5	56.0	.276	.262	82	82	NE	NE	—	—	—	Cloudy and cold a. Mild p.
9	29.99	30.03	49.7	46.9	42.7	52.3	.275	.288	78	91	E	NE	—	—	—	Fine and sunny.
10	30.01	29.95	55.0	53.3	45.9	57.9	.309	.357	72	88	SE	SE	—	—	—	Fine day.
11	29.79	29.95	50.3	48.5	48.5	60.6	.299	.316	82	94	SW	NW	—	—	.110	Dull.
12	30.07	30.08	56.0	58.4	48.5	64.2	.289	.396	64	81	SW	NW	—	—	.090	Dull and mild.
13	02	20	58.5	51.5	50.4	60.6	.435	.257	89	68	SW	W	—	—	.080	Dull, with showers.
14	20	25	50.7	49.3	45.5	55.0	.314	.326	85	93	NW	NW	—	—	.040	Cloudy and mild.
15	27	28	56.0	49.5	46.7	50.4	.333	.282	74	80	N	W	—	—	.110	Cloudy and mild.
16	22	20	54.3	52.7	47.5	55.7	.339	.399	81	100	NE	NE	—	—	—	Dull.
17	22	25	56.3	54.0	49.6	62.6	.369	.347	81	83	N	W	—	—	—	Dull and mild.
18	21	25	54.3	51.3	48.8	56.3	.324	.357	77	95	NE	SE	—	—	—	Dull and cloudy.
19	24	27	54.7	52.3	48.6	56.0	.360	.344	85	88	S	SW	—	—	—	Fine.
20	27	25	55.3	52.7	46.9	57.9	.354	.365	81	92	S	E	—	—	—	Dull day.
21	30.23	30.25	55.0	53.3	47.5	58.6	.367	.349	85	89	SE	SE	—	—	.250	Fine a. Cloudy p.
22	29.98	29.99	54.3	52.0	49.4	58.9	.370	.299	88	77	SE	NE	—	—	.020	
23	05	86	56.7	53.0	48.1	59.2	.293	.355	64	88	E	NE	—	—	.100	Dull a. Fine p.
24	03	57	56.7	53.5	50.6	63.2	.389	.294	85	75	SW	SW	—	—	—	Dull and cloudy.
25	73	29.85	55.3	50.7	49.1	57.2	.316	.319	73	86	NW	NW	—	—	—	
26	29.98	30.10	59.6	52.5	49.4	60.9	.341	.329	67	83	N	NE	—	—	—	Fine day.
27	30.14	30.19	55.5	60.2	48.6	62.4	.370	.420	84	81	E	W	—	—	—	Fine day.
28	22	30.17	60.2	61.6	48.1	62.6	.412	.441	79	81	SE	SE	—	—	—	Fine day.
29	04	29.95	62.2	60.4	56.4	67.8	.416	.458	75	88	SE	E	—	—	—	Fine day.
30	30.01	30.10	59.9	59.4	52.6	66.5	.433	.422	85	84	E	E	—	—	—	Fine day.
Means	29.979	30.006	54.9	52.4	47.5	58.7	.339	.336	78.4	85.2	—	—	—	—	.0.800	

## BRAEMAR.

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

JUNE 1884.

1	29.66	29.47	52.9	49.5	43.7	57.7	.268	.288	68	82	SW	6	SW	0.5	7	8	.160	Dull, with ☔.
2	56	73	52.4	48.9	46.1	58.8	.273	.252	70	73	S	0.5	S	0.5	9	3	—	
3	79	79	49.5	49.5	34.4	61.8	.316	.267	90	76	SE	0.5	SW	1	3	6	—	Fair and clear.
4	80	86	47.3	43.8	36.2	58.5	.257	.199	79	69	E	1	NE	2	4	4	—	Fair and clear.
5	74	71	49.5	45.6	29.4	56.2	.205	.219	58	72	NE	0.5	NE	1	3	6	.110	Fair and clear.
6	70	68	51.8	45.9	31.2	56.2	.221	.277	58	91	NE	2	NE	1	4	10	—	Fair and clear a.
7	70	60	51.0	48.5	36.4	57.3	.246	.261	66	77	E	1	NE	2	6	6	.020	Fair and clear a.
8	80	82	44.9	43.6	43.6	52.5	.240	.266	81	73	N	1	NE	2	9	8	—	Dull and cold.
9	92	98	48.8	45.4	40.6	51.5	.228	.240	66	80	NE	2	NE	1	6	8	—	Dull and cold.
10	95	93	51.9	54.5	42.4	61.5	.253	.332	66	79	SE	3	SW	1	4	7	—	Fine.
11	29.81	29.98	53.3	54.5	48.2	59.5	.316	.271	78	65	SW	1	W	3	7	7	—	Fine.
12	30.16	30.12	52.7	50.8	45.0	64.3	.236	.307	59	79	SW	4	SW	2	4	7	—	Fine.
13	29.98	24	62.4	46.5	46.5	65.0	.414	.211	74	67	SW	6	SW	1	8	1	.060	☁ showers a. Fair p.
14	30.23	23	47.5	46.5	41.3	58.5	.242	.249	74	80	SW	4	SW	4	7	7	.030	Dull.
15	22	22	49.5	47.7	43.3	53.5	.299	.218	85	67	SW	1	W	2	8	6	.040	Dull.
16	16	18	51.0	53.0	43.8	57.5	.288	.361	77	90	NW	2	NW	2	8	8	.020	Dull.
17	16	17	57.6	54.7	50.2	67.4	.306	.366	65	86	NE	0.5	NE	8	5	8	—	Fine.
18	16	20	56.6	52.5	48.2	62.5	.314	.342	68	87	NE	1	NE	1	7	9	—	
19	22	24	50.3	50.5	47.2	56.7	.319	.342	88	94	NE	1	E	2	8	9	.090	Fair a. Dull, with ☁ p.
20	22	21	54.5	52.3	45.8	59.5	.295	.344	69	88	SE	0.5	SE	0.5	7	8	.010	Fair a. ☁ showers p.
21	18	16	53.5	53.9	46.6	62.3	.336	.356	82	86	NE	0.5	NE	1	9	8	.150	Fair a. ☁ showers p.
22	08	30.06	55.0	52.3	49.5	61.5	.370	.319	86	81	E	1	NW	1	10	7	.020	
23	30.05	29.95	49.5	50.7	46.1	62.5	.256	.255	73	69	NW	2	SW	2	8	7	—	Fine.
24	29.79	64	53.8	51.5	48.8	62.3	.355	.283	85	75	W	1	SW	3	8	5	.040	Stormy, with ☁ showers.
25	83	29.92	50.7	49.3	46.0	60.5	.249	.263	68	75	W	6	SW	4	6	6	.030	Fair, with ☔.
26	29.91	30.00	56.3	56.8	47.3	60.7	.366	.394	80	85	W	6	SW	1	7	7	.010	Dull. ☁ showers.
27	30.06	12	64.8	63.3	47.2	71.2	.388	.392	63	68	W	1	NW	0.5	7	1	—	Fine and dry.
28	15	30.12	68.2	64.1	44.6	80.4	.373	.396	54	66	NW	1	S	1	0	4	—	Fine and dry.
29	30.03	29.98	60.3	54.5	50.0	65.5	.336	.335	64	79	SE	4	S	4	6	6	—	Fine and dry.
30	29.94	30.03	64.3	60.6	46.8	68.8	.368	.430	61	82	S	1	S	0.5	5	7	.010	Fine and dry.
Means	29.961	29.983	53.7	51.6	43.9	61.1	.298	.301	71.8	78.0	2.1	1.9	6.3	6.5	0.800			

## LAUDALE.

Height above Mean Sea Level, 14 feet. Long. 5° 41' W. Lat. 56° 41' N.

JUNE 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.			
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.		
1	29.68	29.45	53.0	44.3	44.0	55.6	.322	.284	80	98	SW	3	WNW	2	9	10	.560
2	54	70	47.0	51.0	42.9	55.4	.308	.348	96	93	Calm	0	Calm	0	10	8	.020
3	75	75	56.0	54.0	44.9	63.8	.365	.360	81	86	Calm	0	Calm	0	8	7	—
4	79	80	55.3	53.8	44.9	64.0	.372	.371	85	89	Calm	0	Calm	0	3	10	.030
5	78	71	50.0	49.3	48.0	54.0	.300	.294	84	84	Calm	0	Calm	0	10	9	—
6	66	60	54.0	49.0	44.6	57.8	.288	.298	69	86	Calm	0	Calm	0	8	2	—
7	72	81	54.1	52.0	42.9	58.8	.338	.333	81	85	N	1	Calm	0	8	8	.050
8	88	29.93	46.2	45.3	44.6	54.7	.263	.261	85	87	NW	3	NW	2	7	4	—
9	29.98	30.01	50.3	48.0	40.0	57.0	.341	.309	94	93	Calm	0	Calm	0	9	7	—
10	30.01	29.96	50.2	47.6	41.2	56.2	.335	.293	93	92	S	3	SW	3	10	10	—
11	29.88	30.08	52.4	51.0	42.1	57.8	.355	.338	90	90	SSW	3	W	4	10	8	—
12	30.22	15	54.7	56.2	49.7	62.1	.379	.380	80	84	WNW	3	WSW	4	8	7	.330
13	08	30	56.1	54.2	42.1	57.2	.448	.385	99	92	W	4	Calm	0	10	8	.260
14	32	37	52.0	50.0	46.8	55.0	.345	.334	89	93	WNW	5	NNW	5	9	9	.050
15	36	35	52.0	50.0	48.9	55.3	.361	.342	93	95	NW	5	NW	4	9	10	.020
16	29	27	51.0	50.9	44.0	54.0	.369	.372	99	100	NW	4	W	3	10	10	.020
17	25	24	55.2	52.4	46.2	60.2	.373	.350	86	89	NW	3	NNW	1	7	8	—
18	24	24	52.0	52.6	49.9	58.8	.335	.353	80	89	NW	1	Calm	0	10	9	—
19	26	27	55.0	52.4	49.8	60.0	.375	.377	87	90	Calm	0	Calm	0	8	10	—
20	25	26	56.2	50.3	47.6	61.4	.425	.362	94	99	Calm	0	Calm	0	8	5	—
21	22	20	57.0	53.3	42.0	62.2	.414	.402	89	99	Calm	0	Calm	0	5	10	.050
22	11	30.15	58.8	51.0	50.5	60.3	.473	.358	96	93	Calm	0	WNW	3	10	10	—
23	30.09	29.93	54.0	51.1	47.9	58.8	.388	.379	93	93	Calm	0	SSW	4	9	10	.040
24	29.75	78	53.3	51.0	50.4	58.8	.408	.371	100	99	S	6	WNW	4	10	9	.420
25	29.93	29.99	50.3	50.2	48.0	55.2	.357	.364	98	100	WNW	5	Calm	0	10	10	.200
26	30.00	30.06	53.7	57.3	49.5	62.2	.408	.370	99	100	W	1	Calm	0	10	10	.020
27	14	20	60.8	55.2	54.4	70.3	.533	.409	100	94	Calm	0	Calm	0	10	0	—
28	30.20	30.11	68.3	65.2	55.0	77.0	.503	.541	73	87	E	1	E	1	0	0	—
29	29.96	29.97	67.0	61.1	58.9	71.6	.430	.409	65	77	ESE	5	Calm	0	9	10	—
30	30.02	30.11	62.2	55.0	54.9	68.6	.424	.403	76	93	SSE	2	Calm	0	8	0	—
Means	30.012	30.028	54.6	52.2	47.3	60.2	.378	.391	88.3	92.0	1.9		1.3	8.4	7.6	2.070	



## ROTHESAY.

Height above Mean Sea Level, 115 feet. Long. 5° 4' W. Lat. 55° 50' N.

JUNE 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.			Tension of Vapour.		Relative 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.		
1	ins.	ins.	58.5	47.0	43.6	60.1	354	316	73	98	S	W	—	ins.	Dull and mild.
2	57	72	47.0	51.0	44.1	57.3	303	323	94	86	W	Calm	—	0.05	Dull and mild, with showers.
3	77	77	55.0	54.3	48.1	65.1	337	313	78	74	NE	ENE	—	—	Warm day.
4	81	82	59.9	54.0	47.1	65.4	348	366	68	87	SE	NNW	—	0.15	Warm day.
5	81	72	49.0	51.5	47.6	55.0	327	347	94	91	Calm	Calm	—	0.50	Dull and mild.
6	68	70	48.0	48.5	45.4	57.0	297	297	90	88	ENE	Calm	—	—	Dull and cloudy.
7	74	81	56.0	52.0	40.4	60.3	306	315	68	81	S	Calm	—	0.15	Cloudy.
8	84	20.90	53.3	48.5	44.6	61.6	300	263	74	77	NW	NW	—	—	Chilly day.
9	20.99	30.02	56.2	48.0	35.4	60.1	276	278	60	84	S	W	—	—	Fine.
10	30.05	03	56.9	54.2	39.4	62.6	328	301	71	93	S	WSW	—	0.40	Cloudy and mild.
11	20.95	13	54.0	50.5	40.3	60.1	352	290	84	79	SSW	WSW	—	—	Blow.
12	30.28	24	57.4	56.8	47.1	66.1	432	359	92	77	SSW	SSW	—	—	Dull and mild.
13	13	33	61.2	47.3	46.4	62.1	452	261	84	81	SSW	WNW	—	4.40	Dull, with a.
14	36	38	53.0	49.0	43.1	56.5	311	280	77	80	WSW	NW	—	0.05	Blow and chilly.
15	36	34	52.0	48.5	46.6	58.0	292	270	75	80	NW	NW	—	—	Dull.
16	29	26	52.3	52.3	44.6	54.5	326	362	83	92	NW	WNW	—	—	Fine.
17	22	21	60.4	53.0	50.1	68.6	327	327	72	81	NW	WNW	—	—	Warm.
18	23	24	53.5	51.5	43.1	62.7	287	298	71	78	NW	NW	—	—	
19	26	26	55.0	53.0	45.1	65.1	354	304	82	75	NW	W	—	—	
20	27	25	57.9	55.0	47.1	67.0	361	335	75	77	NE	NW	—	—	
21	23	21	61.7	56.0	45.1	64.9	365	349	67	75	WSW	WNW	—	—	
22	16	30.15	58.9	52.0	50.6	65.4	411	296	84	76	SW	WNW	—	—	
23	30.10	20.98	54.0	52.0	46.1	64.1	282	315	68	81	W	SSW	—	0.30	Cloudy p.
24	20.83	20.79	54.0	50.5	49.6	58.5	400	334	96	91	SW	W	—	0.70	Dull, with ∞.
25	20.97	30.05	54.0	52.6	48.1	59.0	315	332	75	83	NW	SSW	—	0.05	Dull, with showers.
26	30.04	10	56.9	58.9	51.1	68.0	409	292	80	58	W	Calm	—	—	Cloudy and warm.
27	16	21	63.9	58.7	54.6	74.6	490	400	83	82	NNW	Calm	—	—	Fine and warm.
28	23	11	70.0	63.9	50.1	81.2	479	432	65	73	ESE	Calm	—	—	
29	00	00	70.1	59.9	50.1	74.0	414	413	57	81	SE	ENE	—	—	
30	30.04	30.11	65.9	56.9	55.1	70.0	438	310	70	67	E	WSW	—	—	Clear and warm.
Means	30.038	30.044	56.9	52.9	46.7	63.5	358	335	77.3	80.9	—	—	1.265	—	

## PINMORE.

Height above Mean Sea Level, 187 feet. Long. 4° 49' W. Lat. 55° 12' N.

JUNE 1884.

1	29.83	29.51	54.4	50.3	39.9	59.1	298	334	70	92	W	0.5	NW	4	—	—	2.00
2	60	72	45.9	48.9	44.8	56.1	281	313	92	91	NW	0.5	NW	0.5	—	—	0.30
3	74	79	59.0	53.9	44.3	66.0	344	364	69	88	W	0.5	W	0.5	—	—	—
4	82	84	60.0	51.3	47.2	64.1	330	347	64	92	W	0.5	NW	0.5	—	—	—
5	83	77	55.4	50.6	50.6	63.1	301	322	69	88	SW	0.5	W	0.5	—	—	0.50
6	72	72	50.3	48.9	48.2	59.1	266	292	73	85	W	0.5	W	0.5	—	—	—
7	74	81	57.0	48.9	34.0	57.1	318	301	68	88	S	0.5	S	0.5	—	—	—
8	20.84	20.92	57.0	50.2	42.4	62.1	320	298	71	83	S	0.5	S	0.5	—	—	—
9	30.00	30.06	53.7	49.3	35.5	61.1	359	288	87	82	S	0.5	S	0.5	—	—	—
10	30.00	00	59.0	52.8	34.5	62.1	344	366	69	91	S	0.5	S	0.5	—	—	0.80
11	20.96	19	54.9	55.3	52.0	62.1	340	349	80	80	S	0.5	S	0.5	—	—	—
12	30.32	33	54.9	54.4	42.4	65.0	340	321	80	76	NW	0.5	NW	4	—	—	—
13	21	37	60.6	46.9	42.4	67.0	306	269	58	85	S	4	NW	0.5	—	—	1.90
14	42	43	52.3	48.4	42.4	58.1	265	275	60	81	NW	0.5	NW	0.5	—	—	—
15	39	37	53.9	48.1	46.7	58.1	325	282	79	84	NW	3	NW	0.5	—	—	—
16	33	27	52.0	51.8	44.8	57.1	338	354	87	91	NW	0.5	NW	0.5	—	—	—
17	24	25	60.0	51.3	51.0	68.0	385	334	74	88	NE	0.5	NE	0.5	—	—	—
18	26	26	62.1	54.1	40.9	67.0	336	336	60	81	N	0.5	NW	0.5	—	—	—
19	30	29	58.5	50.8	44.3	66.0	377	328	77	88	NW	0.5	NW	0.5	—	—	—
20	29	28	60.6	48.9	41.9	66.0	365	313	70	91	NW	0.5	NW	0.5	—	—	—
21	25	18	62.1	53.9	37.4	63.6	324	351	58	85	NW	0.5	NW	0.5	—	—	—
22	12	30.08	62.9	51.3	50.1	65.5	378	297	66	79	W	0.5	NW	0.5	—	—	—
23	30.04	29.07	54.9	51.8	47.2	62.1	305	303	71	79	NW	0.5	NW	1	—	—	0.50
24	29.79	29.76	58.5	52.3	51.8	62.1	417	373	86	95	W	0.5	NW	4	—	—	2.30
25	29.98	30.10	55.7	51.8	49.1	62.1	315	328	71	85	NW	0.5	NW	0.5	—	—	—
26	30.09	12	61.1	59.0	49.1	68.0	398	439	75	89	W	0.5	W	0.5	—	—	—
27	19	24	64.0	56.7	54.5	74.4	449	412	75	90	SW	0.5	NW	0.5	—	—	—
28	24	14	71.4	61.1	46.2	79.4	478	457	61	85	S	0.5	S	0.5	—	—	—
29	02	01	66.6	58.0	54.0	69.9	417	396	64	82	S	0.5	S	0.5	—	—	—
30	30.06	30.14	64.4	58.5	55.0	69.2	429	438	71	90	S	0.5	S	0.5	—	—	—
Means	30.053	30.063	58.1	52.3	45.5	64.0	349	339	72.1	86.1	—	—	0.7	—	—	0.830	

JUNE 1884.

## SCALEBY (NEAR CARLISLE).

Height above Mean Sea Level, 111 feet. Long. 2° 52' W. Lat. 54° 58' N.

JUNE 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative 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.	57.0	49.5	40.2	63.8	355	318	79	91	SW	2	S	2	3	ins.	
2	58	69	57.5	53.5	46.0	63.2	388	370	82	91	SE	2	N	2	5	—	
3	74	78	57.5	51.0	46.0	61.5	388	336	82	90	NE	5	Calm	0	2	—	
4	79	85	57.5	49.5	37.8	69.5	422	352	89	99	Calm	0	E	2	0	150	
5	79	73	48.3	50.0	44.5	54.2	302	345	90	96	N	3	SW	2	10	0.60	
6	68	67	53.9	48.0	48.0	59.5	365	325	88	97	SW	4	Calm	0	8	0.80	
7	69	75	53.0	49.6	39.0	62.5	377	356	94	100	NE	1	Calm	0	10	—	
8	79	20.85	50.0	48.0	41.0	59.0	351	301	97	90	Calm	0	NE	1	10	0.10	
9	20.92	30.02	49.0	49.0	45.2	54.0	338	312	97	90	NE	1	SE	2	10	—	
10	30.05	06	55.5	55.0	45.5	64.0	428	421	98	97	SW	1	W	2	3	0.30	
11	00	13	55.0	51.5	45.5	64.0	393	331	91	87	SW	3	W	1	10	—	
12	28	31	59.0	55.0	42.5	64.8	454	421	92	97	W	1	W	1	4	—	
13	16	25	68.5	51.5	47.0	74.5	582	331	84	87	W	1	W	1	5	Very fine.	
14	32	34	56.0	49.5	37.0	63.0	407	330	91	94	W	3	W	1	4	0.30	
15	31	27	56.5	54.5	42.0	65.5	401	345	88	82	W	2	Calm	0	10	—	
16	24	18	56.0	56.5	44.0	63.2	263	360	58	79	W	1	N	1	10	—	
17	18	19	55.5	55.5	45.0	66.0	413	371	94	85	Calm	0	N	1	10	—	
18	18	22	60.5	53.5	49.5	67.5	353	331	97	81	Calm	0	NE	2	10	Dull.	
19	24	24	61.3	54.5	49.8	64.5	374	366	79	86	NW	2	SW	2	5	—	
20	25	23	58.5	55.3	49.0	65.0	375	335	77	77	E	2	E	2	10	—	
21	20	17	58.0	54.5	48.2	70.0	381	345	79	82	SW	2	Calm	0	2	—	
22	14	30.06	59.5	57.0	50.0	69.0	418	394	83	85	W	1	W	3	10	—	
23	30.07	29.99	54.0	55.0	46.4	66.0	327	293	78	63	Calm	0	W	2	10	Fine.	
24	29.85	29.77	59.0	56.6	51.8	64.5	424	459	86	100	SW	3	W	3	10	Fine.	
25	29.96	30.07	56.5	53.5	48.6	63.8	299	321	66	78	SW	4	W	1	9	—	
26	30.07	09	60.0	60.5	49.0	73.0	405	434	83	83	SW	5	Calm	0	10	Fine.	
27	17	19	62.5	62.5	55.5	76.0	467	436	83	78	SW	1	NW	1	10	—	
28	21	30.14	74.5	66.5	53.6	82.5	443	447	53	60	Calm	0	Calm	0	0	Very fine.	
29	03	29.99	66.5	57.6	54.5	77.0	419	475	64	100	SE	3	Calm	0	10	Very fine and hot.	
30	30.03	30.10	61.0	58.0	52.5	71.3	457	469	86	97	Calm	0	Calm	0	10	0.90	
															1	—	Very fine.
Means	30.025	30.030	7.9	54.1	46.5	66.1	393	368	82.2	87.9	1.8		1.1	7.1	6.4	0.540	



## CRONKBORNE (DOUGLAS), ISLE OF MAN.

Height above Mean Sea Level, 137 feet. Long. 4° 29' W. Lat. 54° 10' N.

JUNE 1884.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	54.9	50.5	37.1	50.8	in.	in.	70	91	S	4-5	SSW	6-7	3	10	ins.	☁ (mist) a. and p. Squally
2	55	68	49.5	49.8	45.2	53.9	297	332	84	93	Calm	0	Calm	0	9	9	0.001	☁ (mist) p.
3	71	74	57.0	56.3	47.1	62.3	304	311	65	69	ESE	3	ENE	2	2	8	—	☁ (mist) a. and p.
4	80	82	59.6	51.2	44.0	62.9	327	328	64	87	SE	2	NNW	2	2	4	0.049	☁ (mist) a.
5	80	76	50.5	50.0	48.1	59.3	350	327	96	91	WNW	2	Calm	0	10	10	0.050	
6	70	70	54.4	46.1	46.1	58.8	312	286	73	92	W	4	NW	1	7	7	—	☁ p.
7	70	78	59.0	49.0	42.7	62.3	347	312	70	90	NNW	3	NW	2	3	10	—	
8	85	29.88	53.8	48.1	45.1	56.7	337	284	81	85	NW	4-5	NNW	5-6	9	8	—	Squally ☁ (mist) p.
9	29.95	30.04	55.0	45.6	45.6	58.6	278	269	65	88	NNW	3	WNW	2	7	4	—	☁ op.
10	30.06	30.08	57.4	53.0	37.6	58.9	291	303	61	90	SSW	4	SSW	1	3	10	0.001	☁ (mist) op.
11	03	17	56.8	53.1	50.2	63.8	420	336	90	83	WSW	4	N	3	9	4	—	
12	32	33	59.5	53.3	43.9	60.0	342	331	68	81	S	1	SSW	1	8	6	—	T at intervals.
13	23	32	60.4	49.0	49.0	63.9	415	300	79	87	S	3	NNW	5	6	4	0.056	Squally ☁ p.
14	38	42	55.0	49.4	44.4	60.3	309	272	72	77	NW	4	NW	5-6	4	3	—	Squally ☁ op.
15	37	35	54.9	49.2	47.2	58.7	303	308	70	89	NW	6-7	NNW	4-5	4	3	—	Squally ☁ a. ☁ (mist) op.
16	27	22	58.3	51.8	46.2	61.2	334	341	69	88	NNW	5-6	NNW	6	4	8	—	Squally ☁ a. ☁ (mist) op.
17	20	22	56.0	53.8	50.3	65.7	373	358	83	86	W	4	NW	3	6	6	—	
18	22	26	61.8	50.0	50.0	65.8	359	291	65	81	NW	5	NW	1	4	4	—	T p.
19	25	26	56.6	51.2	46.1	62.3	375	338	81	90	E	1	NW	2	10	4	—	T p.
20	23	25	61.3	51.9	46.4	65.0	350	288	65	75	Calm	0	WNW	1	10	3	—	
21	23	21	62.9	55.7	47.1	63.3	378	358	66	81	S	2	WNW	2	5	9	0.002	
22	15	17	64.3	50.5	50.5	68.0	392	332	65	91	S	1	NW	2	8	3	—	
23	30.09	30.04	57.1	52.0	47.5	62.7	321	308	69	79	NNW	5	WSW	1	8	10	0.011	
24	29.88	29.84	60.0	58.2	50.2	63.4	435	448	84	92	WSW	4-5	W	3	9	10	0.004	T ☁ (mist) p.
25	30.03	30.11	57.6	52.0	48.4	62.5	308	333	65	85	NW	5	SW	4	3	3	—	
26	10	11	64.5	55.2	51.1	67.7	417	409	69	94	WSW	5	Calm	0	8	4	—	☁ (mist) op.
27	18	19	60.0	59.7	52.1	70.3	429	436	83	86	Calm	0	WNW	1	4	8	—	☁ before ga. ☁ (mist) a. and p.
28	30.21	30.21	66.3	64.9	55.0	76.0	414	456	65	86	ESE	3	N	1	0	10	0.347	☁ (mist) a. and p. T p. K. 9.15 p. - 11 p.
29	29.99	30.00	58.6	56.0	54.4	64.9	445	431	91	96	ESE	2	Calm	0	10	10	0.023	☁ (mist) p.
30	30.04	30.11	56.3	58.9	52.8	64.0	424	469	93	95	ESE	1	NW	1	10	10	0.060	☁ a. and p.
Means	30.045	30.057	58.0	52.5	47.4	62.7	357	345	74.2	86.6	5.1	2.3	6.2	6.7	0.074			

## STONYHURST.

Height above Mean Sea Level, 375 feet. Long. 2° 28' W. Lat. 53° 51' N.

JUNE 1884.

1	29.92	29.64	55.7	53.1	39.2	61.3	296	276	67	69	SSW	1	SW	1	7	10	—	
2	62	70	57.2	53.9	45.2	63.5	320	289	68	70	SE	2	NE	1	10	9	—	
3	73	78	54.9	51.5	45.7	64.0	302	269	70	71	E	2	NE	1	7	10	—	
4	80	82	61.9	52.0	42.5	65.4	286	266	51	69	Calm	0	Calm	0	6	7	0.048	
5	80	79	48.1	48.0	46.2	54.5	308	285	92	86	N	1	Calm	0	10	0	0.060	
6	74	69	53.4	50.1	46.3	59.2	288	254	71	71	W	2	Calm	0	10	6	—	
7	69	76	52.9	51.0	46.0	61.2	313	304	78	81	NE	1	Calm	0	10	10	0.160	T during the evening.
8	82	29.86	54.0	47.0	41.9	56.2	265	251	64	78	NW	1	NNW	2	10	10	0.305	
9	29.93	30.04	47.0	49.2	45.1	53.2	225	281	70	80	N	1	Calm	0	10	10	—	
10	30.10	30.12	55.6	54.8	46.0	61.4	303	308	68	72	SW	1	Calm	0	8	8	—	
11	10	18	56.5	54.4	46.4	62.9	358	378	78	90	SW	1	Calm	0	10	2	—	
12	34	35	59.0	55.2	47.4	66.5	399	283	64	65	W	1	Calm	0	2	0	—	
13	27	26	67.1	58.0	47.0	76.2	371	421	56	87	Calm	0	W	1	0	9	—	
14	35	36	56.8	51.2	46.5	63.7	246	286	54	76	NW	1	NW	3	3	0	—	
15	35	29	55.0	54.2	43.2	60.8	260	207	60	71	NNW	1	NW	1	10	9	—	
16	23	20	56.1	55.0	44.1	60.3	263	349	58	81	NNE	2	NW	1	9	10	—	
17	20	23	59.2	57.0	48.7	61.9	405	350	81	76	Calm	0	Calm	0	10	10	—	
18	21	24	59.0	53.9	52.2	67.4	407	342	82	82	Calm	0	Calm	0	10	10	—	
19	25	25	59.3	56.5	51.1	66.3	403	361	80	79	Calm	0	Calm	0	5	10	0.042	
20	25	25	61.0	55.9	51.1	65.0	358	354	67	80	Calm	0	Calm	0	9	10	—	
21	23	21	60.5	53.6	50.9	68.2	366	339	70	81	Calm	0	W	1	8	3	—	
22	19	12	57.8	57.8	48.2	68.3	395	308	82	83	SSE	1	WNW	1	10	8	—	
23	30.09	30.06	56.3	52.8	48.9	62.4	277	314	61	78	WNW	1	Calm	0	7	10	0.010	
24	29.94	29.86	54.0	58.3	50.4	64.9	359	452	87	93	SW	1	W	4	10	10	0.170	
25	30.04	30.15	54.0	51.0	48.9	59.9	290	276	70	74	WNW	2	W	1	10	3	—	
26	14	15	60.0	63.0	46.0	68.8	395	391	76	62	WSW	2	Calm	0	10	4	—	
27	20	22	60.0	66.5	50.3	71.8	478	378	78	58	Calm	0	E	1	4	0	—	
28	25	18	71.6	65.2	55.6	78.8	378	411	49	66	ENE	1	NNE	1	0	2	—	
29	06	02	63.1	56.8	53.2	66.4	391	423	68	91	NE	1	Calm	0	10	10	0.345	
30	30.07	30.13	60.4	59.6	56.8	69.7	424	400	81	78	W	1	Calm	0	10	4	—	
Means	30.063	30.063	57.7	55.0	47.0	64.4	335	333	70.0	76.6	0.9	0.7	7.8	6.8	1.140			

3.30 p. till sunset.

## WAKEFIELD.

Height above Mean Sea Level, 96 feet. Long. 1° 30' W. Lat. 53° 41' N.

JUNE 1884.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	58.5	52.2	33.0	64.4	in.	in.	70	82	SW	2	SSW	2	4	2	ins.	Fine day.
2	29.90	29.64	54.9	52.8	45.6	64.2	349	340	83	85	SE	3	ESE	2	10	3	—	Fine from 10.30a.
3	71	75	54.9	51.6	45.4	65.4	371	335	87	88	N	2	E	2	10	3	—	Dull and gloomy till 10.50a., then fine.
4	81	82	54.8	49.0	44.1	66.8	318	317	74	92	NE	2	N	2	6	4	—	Fine day.
5	81	75	47.2	50.0	46.7	53.9	323	351	99	97	ENE	1	W	1	10	10	0.050	
6	71	67	55.5	52.4	46.1	60.6	333	345	76	88	W	1	SSE	1	9	10	0.080	
7	66	74	52.2	51.4	48.6	61.1	374	358	96	94	NNE	1	NW	1	10	10	0.400	
8	80	29.84	49.8	45.8	45.7	54.6	327	292	91	95	NW	2	NW	4	10	10	0.260	
9	29.89	30.03	48.4	48.2	45.2	54.7	315	303	93	91	N	3	N	2	10	10	—	Dull.
10	30.10	30.10	54.8	48.8	45.9	61.3	384	319	89	93	SSW	1	NW	2	10	6	—	Fine from 11a.
11	08	16	59.2	56.3	43.3	66.4	391	396	78	87	W	2	W	2	10	0	—	Overcast till 11a., then fine and bright.
12	31	32	60.0	57.0	52.2	71.4	357	366	69	79	W	2	W	2	0	0	—	Fine day.
13	24	20	71.6	62.7	47.1	78.4	483	493	63	87	WSW	2	WNW	2	1	3	—	Fine day.
14	34	32	56.7	54.8	51.1	67.7	395	343	66	80	N	2	NW	2	2	4	—	Dull.
15	31	27	56.4	55.8	45.1	63.4	399	330	68	74	N	2	N	1	8	10	—	Cloudy.
16	31	22	53.6	52.8	49.7	60.6	397	316	74	79	NNW	4	N	1	7	10	0.010	Dull.
17	19	22	52.6	53.4	48.7	58.6	379	353	96	86	SW	2	ENE	2	10	8	—	Dull and gloomy.
18	20	21	55.2	57.3	49.4	61.4	397	396	91	84	NE	2	ENE	2	10	10	—	Dull and cloudy.
19	27	25	53.9	54.8	52.2	63.6	374	413	90	95	NNW	1	WNW	1	10	10	0.030	Dull.
20	25	24	55.5	54.9	49.1	60.6	412	379	94	86	E	1	SSW	1	10	10	—	Dull.
21	21	19	60.0	55.1	49.9	64.2	355	364	68	84	SE	2	NNW	2	0	3	—	Fine day.
22	15	09	63.6	58.1	45.1	68.8	388	413	66	86	W	2	W	2	2	3	0.130	Fine till 2.30p., then
23	30.05	30.01	55.6	53.8	45.2	62.7	348	348	78	83	NNW	2	WSW	2	10	6	—	
24	29.92	29.82	61.4	63.6	50.7	67.8	381	485	71	83	SW	3	W	2	10	8	—	
25	30.02	30.11	57.1	53.8	52.2	64.5	309	319	66	76	W	4	W	3	6	4	—	Fine day.
26	14	13	63.2	57.1	44.8	68.7	425	399	74	85	SW	2	SE	2	8	6	—	
27	17	23	68.4	64.6	45.5	78.4	422	453	60	75	NE	2	ESE	2	0	0	—	Fine day.
28	27	30.19	68.4	63.6	45.7	79.4	444	410	63	70	ESE	3	E	3	0	2	—	Fine day.
29	08	20.97	67.8	59.8	47.9	73.6	447	405	66	91	ESE	2	SSE	2	4	10	0.010	
30	30.05	30.11	63.5	61.6	50.5	73.6	428	427	74	87	W	2	WNW	2	7	3	—	Dull and cloudy till 10.30a., then fine.
Means	30.049	30.042	57.8	55.1	47.0	65.4	370	373	77.7	85.4	2.1	1.9	6.7	5.9	0.970			



## BUXTON.

Height above Mean Sea Level, 987 feet. Long. 1° 54' W. Lat. 53° 14' N.

JUNE 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative 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.	56.4	58.9	54.3	60.4	ins.	ins.	53	73	SW 2	SW 3	7	2	ins.	
2	'63	'64	52.1	51.0	41.2	59.7	'284	'279	74	73	S 2	SE 2	8	0	—	
3	'69	'77	51.9	44.6	41.2	62.4	'319	'256	83	87	NE 2	E 1	6	5	—	
4	'77	'81	60.8	52.4	33.8	64.7	'279	'244	53	63	E 1	NW 1	5	8	—	
5	'78	'77	54.9	49.1	41.8	58.2	'374	'294	87	84	W 2	W 2	7	8	'150	R p.
6	'75	'68	48.9	46.4	41.2	56.9	'277	'284	81	91	W 1	S 1	9	7	'100	R p.
7	'67	'77	48.1	47.6	44.5	55.2	'318	'303	95	93	NE 1	ENE 1	10	10	'900	
8	'80	'29.85	53.9	43.6	43.3	55.2	'299	'268	72	94	NW 2	NNW 1	8	9	'400	
9	'29.92	'30.02	44.6	45.9	41.3	52.6	'246	'286	83	93	NW 2	NW 2	10	7	'010	
10	'30.09	'14	52.6	45.0	42.5	60.9	'273	'278	69	93	NW 1	Calm	8	4	—	
11	'09	'19	58.5	52.7	39.8	64.1	'403	'355	83	89	W 1	W 1	9	3	—	
12	'31	'34	58.8	55.4	48.9	68.6	'368	'401	62	92	W 2	W 1	1	3	—	
13	'21	'25	69.4	56.3	43.8	75.7	'406	'412	56	90	SW 2	NW 2	5	7	—	(mist) op.
14	'31	'36	57.3	47.4	46.9	62.4	'273	'200	58	89	NW 2	NW 2	2	4	—	
15	'32	'29	50.6	50.1	43.2	59.6	'214	'308	58	85	NW 2	NW 2	8	9	—	
16	'25	'20	49.9	51.6	44.3	58.7	'325	'338	91	88	NW 2	NW 2	8	9	'090	
17	'12	'23	53.7	51.9	44.8	60.4	'389	'352	94	91	NW 1	NW 1	10	6	—	
18	'18	'24	59.5	48.6	44.9	60.9	'385	'286	76	84	NW 2	NW 1	6	2	—	
19	'23	'21	58.8	56.5	44.9	64.3	'421	'355	85	78	NW 1	NNW 1	7	4	—	
20	'23	'24	55.5	51.9	44.9	58.9	'385	'360	88	93	E 1	E 1	9	7	—	
21	'23	'23	53.9	49.6	48.9	63.4	'352	'312	85	88	E 1	NW 1	5	3	—	
22	'16	'13	58.5	53.9	46.5	65.6	'358	'373	74	90	NW 2	W 1	7	7	—	
23	'30.07	'30.06	54.4	47.9	45.5	60.2	'266	'285	63	86	W 2	NW 2	8	6	—	
24	'29.93	'29.86	58.8	58.8	46.8	68.8	'355	'449	72	91	SW 1	SW 2	9	8	'095	
25	'30.03	'30.15	53.9	47.9	47.8	60.4	'279	'263	68	79	NW 2	NW 1	5	1	—	
26	'15	'17	59.8	52.9	45.5	67.1	'374	'360	73	90	W 1	W 1	8	3	—	
27	'17	'21	68.4	59.8	43.6	74.2	'389	'336	56	65	SE 1	E 1	4	1	—	
28	'24	'30.18	68.4	59.8	42.4	76.2	'416	'344	59	67	SE 2	Calm	0	0	—	
29	'08	'29.99	52.9	55.5	49.6	62.1	'346	'366	86	83	SSE 3	NW 1	10	7	'310	
30	'30.07	'30.10	61.5	58.0	48.4	69.5	'487	'418	90	86	WNW 1	NW 1	9	7	'020	
Means	'30.046	'30.058	56.2	51.4	43.9	62.9	'335	'324	74.2	84.9	1.6	1.3	6.9	5.2	2.075	

## HILLINGTON, NORFOLK.

Height above Mean Sea Level, 88 feet. Long. 0° 33' E. Lat. 52° 48' N.

JUNE 1884.

1	'29.98	'29.73	54.7	50.2	45.2	66.3	'353	'331	83	92	SW 2	SW 1	10	4	—	D <sup>0</sup> op.
2	'70	'67	59.4	48.0	42.6	66.7	'377	'328	75	98	SE 3	SE 1	10	10	—	D <sup>0</sup> p.
3	'64	'68	60.8	50.3	44.2	66.1	'379	'365	72	100	ESE 3	E 1	4	10	—	Very fine and sunny. D <sup>2</sup> op.
4	'76	'78	56.4	45.8	45.8	63.0	'377	'308	83	100	NNE 3	NE 0.5	6	0	—	Very fine and sunny. D <sup>2</sup> op.
5	'81	'76	51.8	49.9	44.1	60.3	'335	'357	86	100	N 0.5	NW 0.5	10	10	'310	Overcast all day. T <sub>3</sub> p. 3.30 p. 4.30 p. 5.40 p.
6	'72	'67	51.6	48.8	48.8	58.4	'379	'345	100	100	NW 0.5	SSE 0.5	10	10	'087	Very distant T <sub>3</sub> p.
7	'59	'68	54.1	48.5	46.7	60.9	'375	'342	90	100	NE 1	N 1	10	6	'120	D <sup>2</sup> op.
8	'74	'79	54.5	46.2	45.7	55.4	'333	'301	79	97	NW 1	NE 1	10	10	'490	☉ nearly all day.
9	'29.80	'29.96	51.5	50.2	44.6	57.7	'370	'356	98	98	NW 2	N 3	10	10	'048	
10	'30.06	'30.12	57.6	52.0	43.6	64.7	'393	'356	82	92	NE 1	NE 0.5	5	10	—	Fine and sunny. D <sup>0</sup> p.
11	'13	'16	62.8	59.7	44.1	68.9	'459	'485	81	95	SW 1	SW 1	5	10	—	Fine and sunny. D <sup>0</sup> p.
12	'29	'33	64.2	55.1	51.4	72.5	'503	'393	84	90	N 1	SE 1	8	4	—	Very fine and sunny. D <sup>0</sup> p.
13	'29	'19	66.8	62.5	46.1	79.5	'545	'501	83	89	SE 1	SW 0.5	6	10	—	Very fine and sunny. D <sup>0</sup> p.
14	'28	'29	60.0	46.8	46.8	64.4	'269	'309	52	97	NE 5	N 0.5	4	2	—	Very fine and sunny. Hot sun with [chilly wind. D <sup>0</sup> p.
15	'29	'25	57.0	47.0	43.8	62.5	'399	'318	86	99	N 2	NE 0.5	10	10	—	Bright early a. Cloudy p. D <sup>0</sup> p.
16	'19	'17	51.8	47.2	45.3	59.8	'356	'312	92	97	NE 1	NE 1	10	2	—	Gloomy a. Sunny 1 p. 7 p. D <sup>0</sup> p.
17	'17	'19	52.8	46.7	45.1	60.5	'353	'317	88	99	NE 1	NE 1	10	2	'025	D <sup>0</sup> p.
18	'19	'22	51.2	52.0	39.7	61.4	'374	'379	99	98	NW 0.5	N 1	10	10	—	Overcast a. Fine p. D <sup>0</sup> p.
19	'24	'24	56.7	52.3	50.7	66.4	'400	'381	87	97	N 1	N 1	10	10	—	D <sup>0</sup> p.
20	'24	'21	58.2	52.1	49.5	67.8	'415	'367	85	94	NE 1	N 0.5	10	10	—	D <sup>0</sup> p.
21	'23	'19	60.8	50.2	42.7	68.5	'459	'327	86	91	NE 2	NE 0.5	7	2	—	D <sup>0</sup> p.
22	'14	'09	63.3	55.0	41.2	72.3	'427	—	74	—	N 1	N 0.5	3	10	'027	Very fine and sunny.
23	'30.04	'30.01	59.0	54.9	51.0	70.5	—	—	—	—	N 4	N 2	8	10	—	D <sup>0</sup> p.
24	'29.96	'29.87	61.7	63.8	44.8	72.5	—	—	—	—	W 1	W 2	6	10	—	
25	'30.04	'30.12	63.7	55.1	53.0	72.2	—	—	—	—	W 3	W 0.5	4	0	—	Fine and sunny.
26	'19	'15	66.5	61.8	39.1	77.5	—	—	—	—	W 2	W 1	0	9	—	Fine and sunny.
27	'15	'19	70.7	55.8	50.0	82.4	—	—	—	—	E 1	E 1	8	0	—	Fine and sunny.
28	'26	'24	74.8	55.3	48.0	84.2	—	—	—	—	E 3	SE 3	0	2	—	Very fine and sunny.
29	'04	'04	71.7	57.3	49.2	79.8	—	—	—	—	SE 3	S 1	2	6	—	
30	'30.05	'30.13	66.4	61.1	48.2	76.5	—	—	—	—	SW 1	S 1	7	10	'050	
Means	'30.040	'30.037	59.8	52.7	46.0	68.0	—	—	—	—	1.8	1.0	7.1	7.0	1.157	

NOTE.—The Wet-bulb thermometer was out of order from 9 p.m., 22nd.

## UPPINGHAM.

Height above Mean Sea Level, 484 feet. Long. 0° 44' W. Lat. 52° 35' N.

JUNE 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative 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.	54.0	51.0	38.0	64.1	in.	in.	70	70	SW 1	Sby W 1	9	8	ins.	Almost cloudless p.	
2	'66	'66	54.0	50.8	46.2	62.9	'286	'280	69	76	S by E 1	E by S 1	10	9	—	Overcast and threatening a. Sunny from	
3	'62	'70	63.8	49.1	44.2	65.5	'349	'288	59	82	E 2	NE 1	6	4	—	Very cloudy a. [3 p. Mackerel sky op.	
4	'77	'78	56.1	53.1	45.4	72.4	'332	'319	73	78	N by N 2	ESE 1	7	10	'064	Sunny mid-day. ☉ 3.30 p. Threaten-	
5	'81	'77	48.3	49.0	46.8	60.1	'314	'340	93	98	Calm	Calm	0	10	'151	Ground ☼ op. [ing later p.	
6	'73	'67	54.6	46.4	46.4	63.6	'339	'304	79	96	W by N 1	Calm	0	10	'210	Sultry a. ☉ R p.	
7	'59	'69	52.1	50.8	45.7	62.4	'363	'319	93	86	N by N 1	NNW 1	9	10	'211	☉ 2.0 noon. T <sup>0</sup> .	
8	'77	'82	54.1	44.6	44.6	56.3	'307	'279	74	95	NNW 2	N 2	10	10	'221	Dull day. Great gloom 3.45 p. ☉ p.	
9	'29.85	'29.98	47.0	48.5	42.6	55.5	'287	'311	90	91	swb. N 3	N by W 1	10	10	'040	Overcast all day.	
10	'30.08	'30.12	56.1	50.1	44.1	64.1	'339	'294	74	81	NNE 1	Calm	0	9	1	—	
11	'12	'16	59.6	60.1	47.0	66.1	'373	'405	73	89	W by S 2	W by S 1	9	8	—	Very sunny p. ☉ op.	
12	'29	'32	64.0	59.3	50.0	76.4	'414	'369	69	73	W by N 2	ENE 1	1	0	—	Bright at noon. Very close, and dull p.	
13	'28	'18	68.9	60.1	51.0	80.9	'453	'622	63	97	SW 1	NW 1	2	4	—	Day bright and hot. ☉ on horizon.	
14	'29	'32	60.1	49.5	49.5	70.8	'356	'306	69	87	NNE 3	E 1	7	8	—	Close and hot, with ☼ (mist) ☉	
15	'31	'27	56.0	53.1	45.5	64.5	'302	'329	67	81	N by W 2	N by E 1	8	10	—	Temp. falling fast in evening.	
16	'19	'19	56.8	52.8	47.6	61.2	'325	'293	70	74	WNW 2	N by W 1	9	10	—	Threatening appearance p.	
17	'18	'19	52.6	52.1	48.4	59.4	'326	'365	81	93	N by W 1	N by E 1	10	10	'010	Gloomy day. ☉.	
18	'21	'22	53.0	54.1	48.1	61.4	'346	'387	85	92	N by W 1	NNE 1	10	10	'014	Gloomy all day.	
19	'25	'24	56.4	53.1	50.4	68.7	'380	'379	84	93	NNE 1	E by N 1	10	10	—	Close and gloomy p.	
20	'24	'23	55.8	51.9	50.6	66.9	'378	'352	84	91	E by N 1	NE 1	10	10	—	Dull day.	
21	'22	'19	60.2	49.0	47.1	71.5	'362	'399	69	83	N by E 1	Calm	0	10	—	☉ ga. Day warm, but often gloomy.	
22	'16	'12	61.7	55.2	47.1	69.6	'425	'428	77	98	swb. N 2	Calm	0	7	'011	Hot and close noon. Gloomy p.	
23	30.05	30.03	58.4	52.2	50.6	67.9	'357	'380	73	98	W by N 2	Calm	0	2	10	—	Sunny till 6 p., then dull.
24	29.97	29.88	62.7	63.0	47.7	69.5	'345	'509	61	80	W by S 1	W 3	9	10	'029	Very sunny mid-day.	
25	30.00	30.13	50.5	54.9	54.9	71.0	'367	'342	72	79	swb. N 3	N by W 2	3	0	—	Cloudless p.	
26	'16	'14	64.3	61.0	45.4	76.1	'433	'487	72	91	WNW 2	Calm	0	1	7	—	Cloudless a. Overcast p. Close and
27	'17	'21	68.8	61.2	55.7	81.8	'482	'456	69	85	NNE 2	E by N 2	3	0	—	Bright and clear p.	
28	'33	30.20	71.1	62.6	53.8	84.3	'512	'479	68	84	SE 1	SE 2	0	1	—	Cloudless day, with grey ☉	
29	'05	29.99	64.3	55.9	49.1	68.8	'457	'438	76	98	SE 1	SW 1	10	0	'111	Overcast a., with ☉. Sunny p.	
30	30.07	30.11	64.0	63.0	51.0	73.4	'467	'480	78	83	swb. W 1	Calm	0	8	8	—	☼ 2a. Very sunny p.
Means	30.042	30.041	58.6	54.4	47.9	67.9	'369	'376	74.5	87.2	1.5	0.9	7.0	7.2	1.073		



## GELDESTON (BECCLES).

Height above Mean Sea Level, 37 feet. Long. 1° 31' E. Lat. 52° 28' N.

JUNE 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	54.4	49.0	45.0	62.0	ins.	ins.	63	85	W	SSE	7	1	—	
2	29.99	29.78	54.4	49.0	41.3	61.7	319	310	64	87	SE	ENE	4	2	—	
3	62	67	59.4	49.9	41.3	61.7	319	310	64	87	SE	ENE	4	2	—	
4	73	79	59.2	47.2	46.9	62.8	305	305	73	95	NE	2	Cal	0	4	1
5	80	79	53.0	52.0	43.4	56.4	320	358	79	92	NNE	1	ESE	1	10	10
6	73	68	52.9	50.9	47.9	56.1	341	348	86	93	SW	1	SW	1	10	10
7	68	65	54.8	50.0	48.8	56.8	323	334	76	93	ESE	1	Cal	0	10	9
8	72	77	55.1	47.2	46.9	58.8	317	320	73	99	NNW	2	WNW	1	9	10
9	29.77	29.92	52.0	48.9	45.1	57.7	358	322	92	93	WNW	1	NNW	1	9	1
10	30.04	30.13	57.1	49.1	45.9	61.9	348	321	75	92	N	1	E	1	6	0
11	14	16	61.0	61.1	44.3	70.9	358	457	67	85	W	1	W	1	0	7
12	28	34	66.1	52.0	51.9	68.9	495	345	64	89	N	1	E	1	3	0
13	31	17	64.2	56.1	44.1	70.1	372	337	62	74	E	1	Cal	0	0	0
14	24	29	60.9	49.0	48.8	62.0	382	298	72	86	N	3	N	1	7	0
15	27	24	59.1	48.1	45.2	60.8	331	282	67	84	N	1	Cal	0	9	8
16	17	15	51.0	48.9	44.1	59.1	343	284	92	82	NW	1	N	2	10	4
17	14	17	56.2	48.1	45.0	60.5	304	266	67	79	NNE	2	NNE	2	9	3
18	18	21	56.9	53.0	45.4	57.0	279	325	61	81	N	1	N	2	10	10
19	22	25	55.6	51.0	50.4	61.4	425	346	96	92	NW	2	NE	1	10	2
20	23	22	58.2	51.0	42.8	63.8	358	328	74	87	N	1	NNE	1	10	6
21	20	20	57.9	50.0	46.1	63.7	304	332	63	92	NNE	2	Cal	0	8	3
22	15	11	60.1	55.8	42.7	67.4	361	370	70	83	NE	1	SSE	1	3	8
23	30.03	30.00	61.3	55.6	53.0	67.4	430	420	79	95	N	1	NNE	1	9	9
24	29.99	29.89	59.1	61.0	51.2	70.2	356	410	71	77	W	1	SSW	1	5	10
25	29.98	30.13	61.1	52.0	51.7	69.0	412	333	77	85	NNE	1	SSE	1	10	0
26	30.16	14	64.1	58.1	47.8	77.7	325	432	55	88	W	1	E	1	0	8
27	17	24	67.9	58.1	51.6	72.0	440	389	64	80	ENE	1	ENE	1	8	0
28	28	24	70.0	55.0	45.7	71.1	424	372	58	86	E	1	E	1	1	1
29	07	00	66.1	59.1	52.7	69.7	388	466	63	93	E	3	E	1	1	0
30	30.05	30.11	66.1	60.3	50.8	74.0	430	452	68	87	W	2	Cal	0	0	0
Means	30.032	30.037	59.2	52.7	47.2	64.4	357	350	71.3	87.2	1.5	0.9	6.1	4.3	0.790	

## CHELTENHAM.

Height above Mean Sea Level, 184 feet. Long. 2° 3' W. Lat. 51° 54' N.

JUNE 1884.

1	29.96	29.70	57.0	54.0	34.5	62.8	301	348	64	83	W	2	S	1	5	10	--	Fine day.
2	60	61	56.3	50.3	47.3	65.6	391	381	86	84	S	5	SE	3	8	6	0.050	Very fine, but 2 shower at noon.
3	60	60	56.9	55.2	45.8	66.0	413	343	89	79	N	4	E	1	7	8	--	Fine and bright.
4	78	80	52.5	55.0	47.8	64.5	362	418	92	97	NW	2	Cal	0	10	10	1.000	Fine. 2 shower 4p.
5	83	81	53.0	51.8	48.5	57.5	366	385	91	100	W	1	W	1	10	10	0.230	2 at night.
6	75	66	56.3	48.8	48.8	60.3	356	330	78	95	W	2	W	1	7	10	0.700	Very pleasant a. 2 at night.
7	60	74	50.4	48.5	46.1	54.2	351	342	96	100	N	3	NW	1	10	10	0.800	2 at intervals all day. 2 noon.
8	82	29.86	52.4	50.0	47.7	59.2	356	296	90	82	NW	1	NW	1	10	10	0.180	Fine day.
9	29.90	30.02	50.0	48.4	45.8	56.4	301	321	84	94	NW	4	NW	1	10	7	0.010	Fine, but damp.
10	30.11	15	54.2	46.0	41.6	65.0	333	311	79	100	Cal	0	Cal	0	1	0	--	Very fine and bright.
11	16	19	58.0	58.6	41.5	65.4	421	470	87	95	SW	3	SW	1	9	2	--	Very fine and bright.
12	33	33	59.6	57.0	46.3	74.2	446	465	88	100	W	1	W	1	1	0	--	A very beautiful day.
13	29	20	68.6	62.0	47.5	78.2	522	552	75	99	S	2	Cal	0	0	0	--	A very beautiful day and very hot.
14	33	35	52.8	53.0	51.8	65.7	351	321	87	79	N	4	W	4	10	2	--	Gloomy morning. Much cooler.
15	34	31	53.5	50.0	43.8	61.8	312	309	76	86	N	5	NW	1	6	5	--	Very fine day.
16	22	20	54.4	51.3	42.9	60.8	331	344	78	91	NW	2	Cal	0	8	9	--	Very fine day.
17	19	19	55.3	56.2	46.8	61.1	377	407	86	90	NW	3	NW	1	10	10	--	Dull day.
18	22	22	57.8	56.3	43.5	67.1	386	419	81	92	W	2	N	1	9	9	--	Fine and bright.
19	26	21	61.6	61.5	42.5	72.0	397	407	73	86	NW	1	SE	2	0	10	--	Fine and bright.
20	24	21	61.2	62.2	46.4	71.2	434	406	81	73	NW	1	N	1	2	10	--	Fine and bright.
21	22	21	61.0	60.5	52.8	70.6	397	428	75	82	N	1	N	1	5	10	--	Fine and bright till evening.
22	18	13	63.5	54.8	50.3	70.0	421	418	73	97	NW	2	Cal	0	7	6	0.020	Very fine till 5p., then 2 showers.
23	30.10	30.02	57.8	55.7	52.9	67.2	369	362	77	82	NW	3	N	2	7	9	--	Fine all day.
24	29.99	29.93	61.4	60.0	51.8	68.6	409	494	76	96	W	1	Cal	0	10	5	--	Fine and bright.
25	30.02	30.16	62.3	60.0	53.3	73.5	462	396	83	76	NW	2	NW	1	6	0	--	Very fine and bright.
26	18	15	65.6	59.3	41.3	74.2	334	453	61	90	W	2	W	1	5	2	--	Very fine and bright.
27	15	15	67.7	66.0	45.3	78.2	477	520	71	82	NW	1	S	1	1	9	--	Fine and bright.
28	30.16	12	73.8	66.2	55.5	81.1	528	516	63	81	SE	4	SE	5	5	3	1.620	Fine and very bright till 5p., then 2 showers. Sultry all day.
29	29.99	02	57.5	54.4	54.4	66.5	443	424	94	100	SE	5	Cal	0	10	0	1.110	2 1a-5.30a. 2 showers a. 2 6p.
30	30.09	30.14	61.6	63.4	45.8	72.2	446	546	82	94	SW	1	S	1	6	5	--	Fine and bright.
Means	30.053	30.048	58.5	56.1	47.0	67.0	395	406	80.5	89.5	2.3	1.1	6.5	6.2	3.820			

JUNE 1884.

## CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long. 4° 18' W. Lat. 51° 52' N.

JUNE 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	58.9	51.6	48.2	61.2	ins.	ins.	64	87	SW	2	SW	2	7	8	ins.
2	29.94	29.65	58.9	51.6	48.2	61.2	317	333	86	88	N	1	Cal	0	10	0	0.30
3	62	61	50.6	50.4	47.3	59.8	315	322	86	88	N	1	Cal	0	10	0	0.30
4	78	72	58.2	51.6	49.0	63.0	321	348	66	91	E	1	Cal	0	10	10	0.250
5	85	85	57.4	49.2	48.9	61.2	365	312	77	90	Cal	0	W	1	10	9	0.050
6	83	81	54.8	49.2	47.0	59.0	297	299	70	86	W	1	Cal	0	8	7	0.30
7	74	67	51.6	45.4	44.8	54.9	294	264	77	88	Cal	0	W	1	10	10	0.410
8	69	79	55.8	51.0	44.6	59.3	309	303	70	81	N	3	W	1	6	9	—
9	87	29.91	57.5	49.8	48.0	58.3	339	267	72	75	N	2	Cal	0	8	7	—
10	29.96	30.06	51.9	44.1	43.9	55.8	281	251	74	86	N	2	Cal	0	9	0	—
11	30.09	14	60.4	50.8	36.8	63.9	304	348	58	93	Cal	0	Cal	0	1	10	0.040
12	14	23	56.1	55.0	50.8	64.2	437	409	97	94	SW	2	Cal	0	10	10	—
13	33	32	64.5	54.6	50.2	69.7	444	334	74	78	Cal	0	Cal	0	2	0	—
14	30	26	64.9	60.1	47.2	72.5	309	457	64	88	SW	1	N	1	1	10	—
15	33	35	58.9	53.1	50.5	62.4	286	296	57	74	N	2	N	6	0	0	—
16	36	31	56.4	51.0	44.1	60.2	286	287	63	77	N	4	N	5	1	4	—
17	26	24	55.3	51.6	47.5	61.1	270	338	63	88	N	3	N	2	7	0	—
18	21	21	53.1	53.1	50.1	64.1	365	365	92	90	N	2	Cal	0	10	0	—
19	24	24	64.9	56.3	46.8	69.2	425	377	69	83	Cal	0	Cal	0	9	10	—
20	24	24	67.4	54.8	51.6	75.8	463	379	60	89	S	1	Cal	0	1	0	—
21	24	24	69.3	56.2	47.4	72.1	369	391	51	82	N	1	NE	2	3	5	—
22	22	23	68.0	55.3	46.6	71.8	386	324	56	75	N	1	N	1	5	5	—
23	20	15	65.4	58.2	50.1	70.2	409	378	65	78	Cal	0	Cal	0	0	0	—
24	13	30.09	59.5	53.3	52.8	63.2	313	395	62	75	N	2	NW	1	9	10	0.92.
25	00	29.96	58.4	58.9	51.2	67.4	433	462	89	94	Cal	0	SW	2	10	9	—
26	13	30.29	57.7	53.6	53.6	65.2	315	338	66	81	N	4	NW	1	8	3	—
27	26	17	56.8	56.0	47.0	66.6	449	416	97	92	W	2	W	1	10	8	—
28	17	15	68.8	65.5	50.4	71.8	427	430	60	69	E	2	S	1	4	6	—
29	30.16	17	68.8	60.4	53.2	74.2	516	441	73	85	S	2	SW	4	1	10	0.630
30	29.97	05	63.4	56.6	55.9	66.2	271	493	46	87	W	2	W	2	8	3	0.020
31	30.05	30.14	61.9	50.4	51.8	66.3	470	290	85	64	SW	4	SW	3	8	6	—
Means	30.067	30.075	59.9	53.8	48.7	65.0	360	348	70.0	83.5	1.6	1.2	6.2	5.6	1.570		



## MARGATE.

Height above Mean Sea Level, 83 feet. Long. 1° 24' E. Lat. 51° 24' N.

JUNE 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	Warm day.
2	30°03	29°82	59°8	59°1	40°1	57°9	253	278	71	90	N	2	S	1	10	0
3	29°72	29°61	57°3	53°3	44°7	62°0	313	339	67	83	SSE	1	E	3	7	0
4	55	62	54°9	53°7	53°1	58°5	343	370	80	89	E	3	NE	3	10	10
5	72	82	56°6	52°1	51°8	59°5	375	355	81	91	NNE	3	NNE	1	10	10
6	81	81	57°3	49°9	49°2	65°0	373	333	80	93	SSE	1	W	2	8	10
7	72	73	56°0	49°1	45°1	57°6	364	313	81	90	S	1	S	2	8	2
8	57	66	50°4	48°1	45°7	57°2	286	283	79	84	SSW	3	Calm	0	10	1
9	75	81	54°9	50°1	45°1	60°1	328	309	77	85	N	2	NW	2	9	10
10	29°83	29°94	49°2	52°1	47°1	56°4	293	331	84	84	NW	2	Calm	0	10	9
11	30°07	30°21	54°1	53°1	51°1	61°0	339	344	81	84	N	2	Calm	0	9	4
12	18	21	61°5	59°1	46°9	68°8	327	431	60	86	NW	1	W	2	0	10
13	30	35	62°7	55°3	54°1	66°2	456	413	81	95	SW	1	E	1	0	0
14	32	21	61°5	55°5	48°8	65°3	378	382	71	87	E	1	Calm	0	0	0
15	22	20	57°1	53°6	51°1	60°6	436	299	93	73	N	3	NE	2	10	0
16	29	25	57°4	52°9	51°4	62°1	303	320	64	82	N	2	NE	1	4	2
17	10	16	54°1	53°3	51°7	58°9	308	285	74	71	NNW	1	NW	2	10	3
18	16	21	55°1	50°0	49°0	60°0	292	309	68	86	NW	1	Calm	0	4	2
19	22	22	54°9	53°0	48°0	57°7	278	374	65	93	E	2	Calm	0	8	8
20	24	25	55°2	53°4	52°1	61°5	362	366	84	89	N	2	Calm	0	10	6
21	24	23	58°3	54°4	50°3	62°0	351	356	73	84	N	1	E	1	0	10
22	22	22	55°7	51°5	51°4	60°1	345	339	72	89	E	2	Calm	0	10	0
23	16	30°12	58°8	55°9	45°9	62°9	393	382	79	86	N	2	Calm	0	7	9
24	05	29°99	60°9	60°3	54°3	68°9	428	391	81	75	NNW	1	SW	1	4	0
25	00	29°94	57°0	58°8	50°1	66°0	381	382	82	77	N	1	SSW	2	5	2
26	00	30°11	61°7	58°0	56°1	66°1	503	482	92	100	SW	2	Calm	0	10	10
27	10	17	62°7	59°8	53°2	70°2	456	439	81	86	SE	1	SE	1	0	0
28	16	22	68°9	59°5	53°9	72°5	449	464	63	92	SE	1	E	1	0	0
29	03	18	65°7	59°9	55°9	69°3	491	447	79	88	E	2	E	2	0	0
30	30°11	30°16	62°4	59°7	51°9	72°7	472	454	84	89	W	2	SW	2	1	0
Means	30°043	30°050	57°8	54°3	50°4	63°3	369	366	76°7	86°1	1°7	1°1	5°8	3°9	0°800	

## SOUTHAMPTON.

Height above Mean Sea Level, 78 feet. Long. 1° 24' W. Lat. 50° 55' N.

JUNE 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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	30°01	29°78	59°1	51°7	40°8	62°4	286	337	57	88	NNW	1	SW	2	9	1
2	29°05	29°55	60°9	58°6	50°0	65°6	359	353	67	72	SSE	2	NE	3	8	10
3	52	65	55°8	55°0	50°0	60°2	365	354	81	82	NE	3	NE	1	10	10
4	77	81	54°1	53°6	50°3	63°8	356	363	84	88	NW	2	W	2	10	10
5	84	82	53°8	51°5	50°1	60°6	363	329	87	87	NW	2	SW	1°5	10	2
6	79	67	57°8	50°0	47°9	62°1	362	337	76	94	W	2	SW	2	9	10
7	53	71	49°0	50°8	42°2	59°6	298	344	86	92	N	3	NW	2	10	9
8	81	29°86	55°8	51°2	48°5	63°1	358	360	80	98	NW	1°5	SW	1	10	10
9	29°91	30°00	53°8	53°4	46°9	60°4	322	340	77	83	N	3	NW	2	10	10
10	30°10	16	56°1	54°8	46°2	64°0	354	332	78	77	N	1	SW	1°5	9	5
11	20	24	55°8	56°8	47°2	61°4	389	435	87	94	SW	3	SW	1°5	10	10
12	32	32	64°7	61°7	49°0	74°5	454	460	75	84	NNW	1	Calm	0	1	1
13	31	19	68°1	65°1	52°9	75°8	463	446	67	72	S	1	NW	3	0	7
14	24	29	67°5	60°8	58°4	71°4	462	363	69	69	NE	4	NNE	2	9	8
15	33	26	58°7	55°7	48°5	67°4	339	324	68	72	NNE	2	NW	1°5	9	2
16	23	30	58°7	54°4	47°0	67°4	368	329	74	77	NW	1°5	NNW	1°5	8	2
17	19	19	57°7	57°5	48°4	60°2	366	405	77	85	NNW	1°5	NW	1	10	10
18	21	21	61°5	59°7	52°7	65°4	370	416	68	82	NNE	1°5	NE	1	9	0
19	24	24	63°7	56°8	52°3	70°0	418	372	70	80	NE	1	SW	1	9	7
20	20	21	66°4	58°7	50°5	72°1	454	417	70	84	N	2	SSE	1°5	7	5
21	21	20	63°8	57°0	54°7	70°5	422	411	71	88	NE	2	SW	2	8	10
22	18	14	66°0	59°7	54°7	72°6	428	452	67	89	NNW	2	NW	1°5	9	10
23	08	30°02	66°0	59°7	52°1	73°6	440	377	69	73	N	2	NW	3	8	9
24	01	29°96	64°7	60°9	54°0	71°8	369	471	60	89	NW	1°5	SW	2	5	10
25	03	30°13	64°0	62°4	58°4	76°3	486	411	81	73	NNW	2	NW	3	10	0
26	19	15	68°1	60°7	49°6	77°5	407	438	59	83	S	1°5	SW	1	0	0
27	15	17	71°0	63°9	52°1	78°5	488	462	64	77	SSE	2	SE	1	1	1
28	19	10	71°9	65°9	58°9	80°7	510	491	65	77	SSE	3	NE	0°5	7	10
29	02	03	59°5	58°7	57°2	69°7	486	459	96	93	SW	1	SW	2	10	0
30	30°12	30°16	66°7	61°0	51°9	72°1	475	473	72	89	NW	1°5	SW	2	5	9
Means	30°053	30°048	61°4	57°6	50°8	68°4	401	396	73°4	83°0	1°9	1°7	7°7	6°3	2°173	

## ST. LEONARDS.

Height above Mean Sea Level, 116 feet. Long. 0° 33' E. Lat. 50° 51' N.

JUNE 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	51°6	51°4	47°0	57°3	in.	in.	0/0	0/0	NNE	1	SW	2	ins.	U at night.
2	30°03	29°81	58°0	57°0	51°0	66°1	°231	°294	61	78	SE	3	ENE	4	5	
3	51	63	56°2	53°6	52°7	57°8	°328	°316	68	68	ENE	4	NNE	2	10	Overcast, with constant 0.
4	73	82	50°8	52°3	50°2	55°1	°361	°376	97	96	NW	2	NW	1	10	Overcast, with almost constant 0.
5	81	84	53°2	50°1	50°1	54°4	°388	°326	96	90	ESE	1	W	2	10	Overcast, with almost constant 0.
6	78	72	48°5	50°7	46°7	54°8	°321	°295	94	80	WSW	1	WSW	2	10	Overcast, with 0 till 4p. Clouds thin.
7	55	66	48°6	48°2	47°2	51°8	°265	°297	77	89	SW	4	NW	1	8	Overcast, with 0 till 3p.
8	77	83	57°0	49°7	45°1	60°3	°344	°343	74	96	NW	1	NW	1	4	Overcast, with almost constant 0.
9	29°87	29°96	48°4	51°7	45°8	57°6	°293	°309	87	81	NW	2	NW	2	10	Overcast, with almost constant 0.
10	30°07	30°16	56°5	55°8	47°0	62°3	°315	°380	68	85	NNE	3	NW	2	3	Overcast, with almost constant 0.
11	22	24	55°0	55°4	52°0	58°1	°375	°416	87	95	W	3	WSW	2	3	Overcast, with almost constant 0.
12	30	33	59°4	59°8	46°3	66°2	°437	°414	87	81	S	1	E	1	1	Overcast, with almost constant 0.
13	20	29	61°8	51°3	51°3	69°3	°404	°293	74	78	ENE	1	Calm	0	0	Very fine all day.
14	29	25	59°7	55°6	46°9	66°8	°294	°359	57	81	NNE	3	E	1	3	Evening observations taken after late.
15	21	17	55°3	51°3	50°5	59°9	°293	°282	67	75	WNW	1	NNW	2	10	
16	17	17	60°7	52°6	45°6	62°2	°301	°325	57	81	N	2	NE	1	6	
17	19	21	58°2	54°5	45°0	61°1	°286	°358	58	85	NE	2	NW	2	6	
18	24	24	59°5	54°7	51°7	63°3	°365	°396	71	93	NE	1	NW	1	9	
19	23	21	57°4	55°5	52°6	60°5	°395	°363	84	82	S	1	Calm	0	10	Overcast till 4p. D at night.
20	20	22	57°0	54°1	53°9	67°0	°380	°326	82	78	NE	1	NW	1	10	
21	14	12	64°1	55°8	51°4	68°6	°402	°383	67	86	WNW	1	ESE	1	0	
22	05	30°00	61°3	58°6	54°8	67°7	°424	°337	78	69	N	1	NW	1	10	
23	24	01	29°98	62°6	57°2	51°7	°373	°423	67	90	Calm	0	WNW	3	1	Very fine day.
24	02	30°13	59°0	56°6	55°6	63°7	°428	°431	92	94	WSW	2	S	1	0	Overcast till 3p. D n.
25	19	16	61°6	58°2	52°4	63°8	°423	°433	78	89	ESE	2	W	1	0	Fine all day. D n.
26	17	18	60°2	64°1	55°1	74°8	°373	°405	58	68	WSW	1	ENE	2	0	Fine all day.
27	21	14	73°0	63°2	60°7	78°9	°421	°447	52	77	E	2	NE	4	0	Fine all day. Distant 4p.
28	01	05	60°2	58°1	57°2	65°6	°435	°429	84	89	SSE	1	W	2	10	Overcast till noon.
29	30	30°11	63°1	58°8	51°7	64°3	°451	°439	79	89	S	3	NW	1	2	Fine.
Means	30°042	30°049	58°4	55°2	50°8	63°1	°365	°366	74°8	83°8	1°8		1°6	5°8	5°1	2°03



## BABBACOMBE.

Height above Mean Sea Level, 293 feet. Long. 3° 31' W. Lat. 50° 29' N.

JUNE 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	60.1	52.4	42.0	62.2	ins.	ins.	0/100	0/100	SSE 2	SSW 3	6	10	ins.	
2	29.75	29.75	58.9	52.8	49.0	61.3	332	338	62	80	SSE 3	NNW 2	6	5	1.150	(mist) p.
3	59	71	52.7	51.8	50.0	55.3	309	343	78	88	NNW 3	NW 3	10	10	1.110	Dull and gloomy. (mist) p.
4	82	89	50.3	48.8	48.7	52.4	318	279	88	81	WNW 3	WNW 3	10	9	1.110	
5	90	88	54.0	48.8	47.6	58.1	292	303	70	88	W 3	W 3	9	9	1.100	
6	82	71	53.8	44.4	44.4	58.9	298	274	72	94	W 2	W 1	8	10	1.250	
7	67	81	46.8	50.7	41.0	58.6	290	290	91	79	NW 3	NW 3	10	9	1.010	
8	85	29.94	58.6	50.6	48.9	62.7	308	305	62	83	NNW 3	WNW 2	7	5	—	
9	29.97	30.07	54.9	48.2	48.1	60.4	280	262	65	78	NNW 3	NW 2	7	1	—	
10	30.13	18	56.9	52.8	43.0	63.7	289	358	62	89	E 1	SW 2	1	3	—	Fine day. D <sup>0</sup> p.
11	20	26	62.2	54.4	50.9	65.8	444	346	80	82	WSW 3	NNE 1	10	2	—	till 8a. D <sup>0</sup> p.
12	34	34	62.8	59.3	52.5	68.9	419	404	74	80	NE 1	WNW 2	1	0	—	D <sup>0</sup> n. Very fine day.
13	32	25	67.0	61.8	51.1	76.9	374	428	56	78	NE 1	NW 3	0	1	—	Very fine day. Squally p.
14	29	33	60.8	58.6	56.0	67.4	345	302	65	61	N 3	NNE 3	7	4	—	Humidity 40% 6.10p.
15	36	30	58.7	53.4	49.7	65.7	319	325	65	80	NE 2	NW 2	7	6	—	(mist) a. O <sup>0</sup> 10a.—10.30a. and
16	26	22	61.8	56.0	48.2	65.9	327	324	59	72	NNW 2	NNE 3	3	0	—	Fine day. O <sup>0</sup> 6p.—Midt. [6p.—6.30p.
17	22	20	64.6	57.9	46.8	70.9	352	382	58	80	NE 1	NW 1	1	0	—	O <sup>0</sup> a. and p. Fine day.
18	24	23	62.9	59.8	52.7	70.1	391	441	69	86	ENE 2	Calm	0	8	—	D <sup>0</sup> n. O <sup>0</sup> a.
19	25	25	64.8	61.4	53.2	71.5	410	366	67	68	NNE 1	NW 2	5	0	—	O <sup>0</sup> a. and p.
20	25	24	67.0	60.8	54.8	75.0	413	319	62	60	NE 1	NW 3	2	1	—	O <sup>0</sup> a. and 6p.—8p. Fine day.
21	23	23	66.8	60.4	55.9	72.8	352	346	53	66	NE 1	NNW 2	2	7	—	O <sup>0</sup> after 5p. Pinkish mist round sun
22	22	18	66.3	59.9	55.2	72.7	373	378	58	74	NE 2	WNW 1	8	3	1.040	(mist) a. and p. [11a.—1p.
23	11	08	64.6	52.9	52.9	71.9	406	301	67	75	ENE 1	NW 1	3	8	—	(mist) a.
24	04	00	66.0	60.3	52.8	70.3	369	446	58	86	S 2	W 2	8	9	—	
25	08	19	66.8	54.8	54.8	72.5	428	275	65	65	NNW 3	NW 4	7	0	—	
26	22	18	63.4	61.8	51.3	73.7	403	444	69	81	ENE 1	NNE 1	5	9	—	(mist) a.
27	15	17	65.0	60.3	54.2	67.7	380	391	63	75	ENE 1	Calm	0	9	—	[9.50p. K <sup>2</sup> 11p.—11.40p.
28	18	16	65.3	56.1	56.1	73.7	459	421	75	93	NE 1	W 1	3	10	1.550	(mist) a. 1 <sup>0</sup> in SE. 5p. < in SE.
29	02	09	62.8	55.9	53.2	69.2	439	394	77	89	SSW 3	W 1	7	0	1.160	< till 2.30a. T <sup>2</sup> D <sup>2</sup> p.
30	30.14	30.17	62.3	58.1	52.5	66.1	485	453	87	93	SSW 2	SW 2	7	1	—	D <sup>2</sup> n. and p. (mist) a.
Means	30.082	30.087	61.0	55.5	50.6	66.8	365	351	68.3	79.4	2.0	2.0	5.0	5.0	1.480	

## ST. AUBIN'S, JERSEY.

Height above Mean Sea Level, 139 feet. Long. 2° 10' W. Lat. 49° 11' N.

JUNE 1884.

1	30.08	29.86	56.6	53.2	46.6	63.0	*332	*297	72	73	SW 2	Calm 0	8	10	—	D <sup>0</sup> a. Extremely fine day.
2	29.99	55	58.8	52.2	49.9	62.9	*332	*361	67	93	SE 2	Calm 0	5	10	1.250	D <sup>0</sup> a. Fine till 4p. ☁ from 5p.
3	48	68	53.0	52.5	51.2	55.0	*374	*390	93	98	NbyE 2	NW 2	10	10	1.420	☁ <sup>2</sup> n. and early a. Constant ☁ from 11a.
4	86	95	51.2	50.5	50.1	58.1	*368	*317	98	87	W 2	W 2	10	4	1.040	till 10a. Fine p. D <sup>0</sup> p.
5	97	96	50.5	51.0	49.7	59.7	*353	*299	77	80	W 2	W 2	8	4	1.015	Fine day, but with cold breeze.
6	91	74	56.0	48.8	48.4	58.9	*345	*325	76	94	SW 2	W 2	7	10	1.230	☁ from 4.30p.
7	72	83	54.3	52.0	44.2	54.8	*308	*335	73	86	SW 3	WhyN 3	9	0	1.440	Fine p., but cold.
8	88	29.96	51.0	52.4	47.1	60.8	*348	*355	93	92	Calm 0	Calm 0	10	9	1.006	☁ <sup>2</sup> 8.5a. (.25 inch in 10 minutes). Day [fine.
9	29.99	30.08	55.9	50.2	50.0	58.1	*318	*307	70	85	NW 2	NW 1	9	5	—	Day very cloudy.
10	30.15	24	61.0	50.0	49.2	61.2	*358	*327	67	91	NW 1	Calm 0	1	0	—	Extremely fine day. D <sup>0</sup> p.
11	28	30	56.2	55.4	48.0	60.0	*405	*427	90	97	SW 1	Calm 0	10	10	1.012	D <sup>0</sup> a. Scotch ☁ at times. Wheat in [ear.
12	36	36	57.0	53.3	51.8	64.4	*434	*382	93	94	Calm 0	N 2	10	0	—	☁ early a. Very fine p. D <sup>0</sup> p. Bar. [30.38 2p.
13	34	26	62.0	58.2	50.2	70.0	*459	*387	81	80	NW 1	NW 1	0	0	—	D <sup>0</sup> ☁ (mist) a. An extremely fine day.
14	23	30	62.2	57.5	56.0	66.0	*447	*399	80	84	N 3	ENE 2	4	8	—	Extremely fine day. Cloudy evening.
15	33	31	61.0	52.4	51.0	62.9	*358	*353	67	90	NbyE 3	Calm 0	2	0	—	D <sup>0</sup> p.
16	28	22	62.3	52.2	50.4	64.9	*395	*350	70	90	E 1	Calm 0	4	1	—	Extremely fine day. D <sup>0</sup> p. Wheat [in flower.
17	24	22	61.0	55.2	51.0	65.9	*320	*370	60	85	NNE 2	NE 1	7	0	—	Overcast at times p.
18	23	27	61.3	54.0	52.8	64.5	*341	*380	63	91	NE 2	NbyE 1	3	0	—	Extremely fine day. D <sup>0</sup> p.
19	28	28	63.5	57.5	52.0	70.1	*408	*378	69	79	Calm 0	Calm 0	8	0	—	Extremely fine day. ∞ at times.
20	27	25	67.7	58.0	53.9	72.7	*451	*404	66	83	NW 1	NW 1	1	0	—	∞ at times. Extremely fine day.
21	24	26	69.0	55.1	54.0	70.2	*424	*380	59	87	N 1	N 1	1	0	—	∞. Extremely fine day.
22	23	21	66.3	59.0	53.1	68.9	*455	*402	71	81	NW 2	WNW 2	5	10	—	Very fine a. Overcast p. [D <sup>0</sup> p.
23	12	10	64.8	56.8	54.8	69.9	*448	*420	74	91	NW 2	NW 2	4	0	—	Extremely fine day. O at times p.
24	09	08	62.5	57.5	53.4	66.6	*369	*443	66	94	N 1	WhyN 1	8	10	1.010	O at times p. ☁ in evening.
25	13	22	60.0	55.4	55.4	64.6	*482	*404	93	92	NW 1	WhyN 1	10	0	—	Scotch ☁ <sup>2</sup> early a. Very fine from [4p. D <sup>0</sup> p.
26	25	22	67.5	55.2	51.4	70.0	*416	*379	62	87	N 1	Calm 0	1	0	—	D <sup>0</sup> a. A perfect summer day. D <sup>0</sup> p.
27	16	15	68.5	64.2	50.0	74.8	*438	*426	62	71	E 1	NE 1	5	3	—	D <sup>0</sup> a. Extremely fine day.
28	23	16	68.4	57.0	54.2	73.0	*448	*443	64	95	NW 2	NW 2	2	9	1.080	Very fine a. K <sup>2</sup> ☁ <sup>2</sup> Δ <sup>0</sup> 7.45p.— [10.15p. (.730 in. of ☁ fell in 30 min.)
29	11	15	62.5	57.0	55.0	66.2	*465	*434	82	93	SW 2	W 1	3	2	—	Extremely fine day. D <sup>0</sup> p.
30	30.20	30.24	64.1	60.1	55.9	68.9	*488	*455	81	88	SW 2	Calm 0	4	5	—	D <sup>0</sup> a. Extremely fine day.
Means	30.110	30.113	60.7	54.8	51.4	64.9	*396	*378	74.7	87.6	1.6	1.0	5.6	4.0	4.503	

Earth temperature: Mean of ten readings (taken every third day), at 1 foot, 63° 0'; 3 feet, 59° 5'; 6 feet, 56° 2'.

JUNE 1884.

## LONDONDERRY.

Height above Mean Sea Level, 93 feet. Long. 7° 19' W. Lat. 55° 0' N.

JUNE 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	54.8	44.0	43.0	56.0	ins.	ins.	73	93	SSW 4	S 1	10	10	ins.	Fine morning. ● noon—6p.
2	29.76	29.50	51.0	50.2	40.3	61.3	272	305	73	84	S 1	NW 1	10	10	—	Fine and clear all day.
3	54	71	52.9	52.1	43.8	60.6	323	363	80	93	NW 1	NW 2	10	10	1.060	Overcast, with ● showers, all day.
4	77	79	55.7	49.5	47.0	60.5	326	297	73	84	W 1	W 1	10	1	—	Fine and clear all day.
5	85	87	57.0	49.7	42.0	58.5	311	312	67	88	NW 2	N 1	5	10	1.240	● showers during day.
6	82	76	52.0	48.0	45.5	57.0	308	253	79	76	W 1	N 1	10	1	1.090	
7	81	29.87	50.2	48.7	43.2	57.7	322	306	89	89	NW 2	N 1	10	0	1.030	
8	29.96	30.02	51.7	48.1	44.0	57.3	278	248	72	74	N 2	N 2	9	10	—	
9	30.05	05	51.7	46.0	43.9	56.2	247	265	65	85	N 2	NW 1	10	0	1.020	
10	30.03	04	54.2	53.0	40.0	63.3	369	337	88	84	SW 2	E 1	10	10	1.050	
11	29.97	20	55.7	51.7	48.5	62.7	366	305	82	80	SW 3	NW 1	10	1	—	Fine all day.
12	30.29	23	59.6	62.9	48.4	71.1	323	482	64	84	S 1	S 2	2	10	1.180	
13	18	41	57.7	48.7	45.8	65.0	453	277	95	81	S 2	S 1	10	8	1.070	● till noon.
14	45	48	53.2	49.1	45.5	56.3	284	279	70	79	NW 2	W 1	10	9	—	Overcast all day.
15	46	44	53.4	49.7	46.5	55.8	265	281	65	79	NW 2	N 2	10	10	—	Overcast all day.
16	39	35	53.2	52.7	48.1	60.8	330	342	81	86	N 2	S 1	10	10	—	Overcast all day.
17	32	20	56.7	54.4	40.3	64.0	365	353	79	83	N 2	N 1	10	10	—	Overcast all day.
18	26	27	61.7	55.5	50.8	66.6	348	335	64	76	W 1	N 1	9	10	—	Overcast all day.
19	27	20	63.7	54.5	50.1	66.3	377	342	64	80	E 1	NE 1	4	10	—	
20	28	28	61.7	53.2	52.0	65.8	348	347	64	86	SW 1	E 1	10	3	—	
21	26	24	61.4	56.7	46.6	72.0	377	403	70	88	SW 1	NE 1	10	10	—	
22	18	30.23	61.7	52.4	49.4	64.0	365	319	66	81	NE 2	NW 1	10	10	—	Overcast all day.
23	30.14	29.97	56.4	56.7	49.3	63.1	299	406	65	88	S 1	S 1	9	10	—	Overcast all day.
24	29.85	29.91	58.7	52.7	49.8	61.8	438	325	88	81	SW 3	W 1	10	9	1.010	Overcast all day
25	30.05	30.07	58.7	58.4	49.0	66.5	301	464	61	95	NW 2	S 2	6	10	1.010	
26	06	08	63.6	58.4	55.7	71.8	464	473	79	97	S 1	W 1	10	10	1.200	
27	16	21	67.7	58.6	56.2	72.3	472	445	70	91	E 1	NW 1	5	2	—	Fine and clear all day.
28	30.18	30.08	70.2	67.9	52.0	81.1	462	500	62	73	NE 1	SE 1	0	10	1.030	Fine and clear all day.
29	29.98	29.98	61.4	59.1	58.2	70.4	432	479	80	95	S 1	E 1	10	10	1.010	Overcast all day.
30	30.03	30.15	66.4	55.7	55.0	67.7	457	423	71	95	S 1	NE 1	10	10	1.010	Overcast all day.
Means	30.070	30.086	57.8	53.3	47.9	63.8	353	351	73.3	84.9	1.6	1.2	8.6	7.8	1.330	



## MARKREE CASTLE, SLIGO.

Height above Mean Sea Level, 131 feet. Long. 8° 27' W. Lat. 54° 11' N.

JUNE 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	52.2	44.6	40.0	54.4	313	279	80	95	SSW 3	S 1	10	10	ins.	430
2	53	71	50.7	45.1	39.9	54.0	284	261	77	87	WNW 3	Calm	8	6	—	—
3	75	80	50.1	47.0	43.0	51.0	290	311	80	97	WNW 1	Calm	10	10	350	—
4	85	87	53.4	48.1	44.9	59.3	313	291	77	87	NNW 1	Calm	9	9	—	—
5	86	82	51.9	47.0	39.2	53.9	301	293	78	92	NW 3	WNW 1	9	8	010	—
6	73	77	49.5	47.0	42.2	53.0	279	275	79	86	NW 2	NNW 0.5	9	9	010	—
7	84	29.80	50.8	47.8	46.0	54.1	283	301	76	91	NNW 2	N 1	9	8	040	—
8	29.97	30.05	54.0	49.2	47.8	57.2	292	278	70	79	NNW 2	NNE 1	9	10	—	—
9	30.05	02	49.2	49.4	46.3	59.5	292	300	84	86	WSW 0.5	Calm	10	10	010	Overcast all day.
10	30.01	02	54.3	52.0	40.1	58.4	417	338	93	87	SSW 1	Calm	10	10	—	—
11	29.99	22	55.1	49.2	47.1	64.1	402	292	92	84	SW 2	Calm	10	6	010	—
12	30.26	24	63.7	59.2	41.6	69.1	494	471	83	94	SSE 1	SSE 1	9	10	060	—
13	20	41	58.9	48.2	48.2	60.6	475	259	96	77	NW 1	NNE 0.5	10	8	050	—
14	46	48	53.2	49.9	44.8	56.0	282	292	70	82	NW 2	NNE 1	7	9	—	—
15	47	44	52.3	50.1	48.5	56.1	252	287	65	80	FWNW 2	NNE 0.5	10	10	—	Overcast all day.
16	37	34	53.3	51.2	48.3	56.9	323	335	79	89	NNW 2	NNE 0.5	10	10	—	Overcast all day.
17	29	25	54.2	55.4	48.2	61.6	337	355	80	81	Calm	Calm	10	10	—	Overcast all day.
18	24	25	58.1	53.3	52.1	63.8	395	343	81	84	N 1	NNE 0.5	10	10	—	Overcast all day.
19	25	27	59.1	53.6	46.5	63.8	336	338	68	81	NNW 1	NNW 1	10	10	—	—
20	27	26	58.4	50.6	45.9	64.2	316	338	65	92	ESE 1	Calm	10	7	—	—
21	25	22	59.9	57.6	40.0	68.2	389	398	75	83	SSE 0.5	Calm	10	10	—	Overcast all day.
22	18	30.23	61.8	52.2	50.7	63.0	413	283	75	73	NNW 2	NNE 0.5	8	10	—	—
23	30.13	29.97	57.2	57.9	49.3	63.9	302	455	64	95	S 1	Calm	8	10	—	—
24	29.88	29.95	60.3	52.3	52.0	65.3	483	322	94	82	SW 2	SW 1	10	10	010	Overcast all day.
25	30.08	30.10	55.8	58.2	48.2	64.0	298	448	67	92	NNW 1	SW 1	7	10	—	—
26	05	05	63.2	60.8	56.4	69.6	484	480	83	90	WSW 2	Calm	10	10	010	—
27	13	15	64.2	63.1	52.6	72.1	464	448	77	77	Calm	Calm	9	4	—	∞ p.
28	30.14	30.05	67.1	58.8	51.4	74.6	452	416	68	84	SE 1	N 1	7	9	020	—
29	29.95	29.96	59.3	58.8	54.3	65.7	473	434	94	88	SSW 0.5	Calm	10	10	060	—
30	30.02	30.15	54.8	53.1	53.0	59.3	412	326	95	80	NNW 3	N 1	10	8	020	—
Means	30.065	30.080	56.2	52.4	47.0	61.2	362	342	79.0	85.8	1.5	0.5	9.2	8.9	1.090	—

## DUBLIN.

Height above Mean Sea Level, 51 feet. Long. 6° 15' W. Lat. 53° 20' N.

JUNE 1884.

1	29.88	29.54	57.1	49.0	44.1	62.8	323	312	70	90	swb.w.4	Why S3	5	10	049	∞ a. Squally a. and p. Temp. [fell fast from 8p.
2	58	69	51.1	49.3	43.6	57.7	249	274	67	78	SW 1	ESE 2	9	4	—	Sunny early a. Day very cool in the shade.
3	71	80	54.0	49.5	46.1	61.3	317	328	76	93	NW 2	WNW 2	10	10	551	Overcast a. ☉ < p.
4	84	86	52.7	52.2	47.4	55.4	335	331	82	85	WNW 3	W 2	10	10	090	Dull day.
5	86	82	51.5	52.1	48.2	58.6	322	309	85	79	WNW 3	WNW 3	10	7	030	—
6	76	72	51.9	49.0	44.2	56.4	271	307	70	89	W.b.N.2	Calm	9	9	122	▲ p.
7	77	84	54.4	49.9	43.9	56.7	309	296	73	84	NW 3	WNW 2	9	7	059	—
8	29.93	29.98	54.3	51.4	43.1	59.3	306	273	73	73	swb.w.3	NW 3	5	8	—	—
9	30.03	30.06	52.1	50.1	47.2	57.8	245	286	63	80	NNW 4	Calm	9	0	—	—
10	07	06	60.6	60.2	46.3	66.8	331	426	63	82	SE 2	SW 3	5	10	—	Very bright a. Warm and dull p.
11	06	22	61.3	56.9	56.8	67.8	355	329	65	71	WSW 4	Why S3	8	2	—	▲ a. Brilliant p.
12	34	30	59.0	61.0	47.7	71.8	332	438	67	82	WSW 1	Calm	0	1	—	Very fine and bright. ∞ p.
13	24	37	71.2	54.7	54.6	75.4	461	377	60	88	WSW 3	N 2	2	6	049	Hot a. Cloudy from 11a. with [showers.
14	45	46	55.4	54.0	43.9	61.7	263	292	60	70	N.b.W.2	N 2	4	2	—	—
15	46	40	54.2	53.2	44.5	60.6	250	277	59	69	N.b.W.3	N 3	8	4	—	Cloudy till 3p.
16	35	30	56.8	57.9	48.2	62.0	289	366	63	76	N 3	N 2	2	10	—	—
17	28	25	56.3	61.1	53.1	66.4	350	400	77	75	WNW 3	WNW 2	10	9	—	Hot sunshine mid-day, then cloudy.
18	26	25	60.8	57.3	55.1	63.3	363	342	69	73	E by S3	E by S2	7	10	—	—
19	25	27	63.1	58.2	55.2	70.0	385	414	67	85	W.b.N.2	NE 1	1	3	—	Very fine and bright a. ☉ (mist) p.
20	27	27	63.0	59.6	50.8	66.7	395	399	69	78	WNW 3	E 2	4	3	—	Fine and warm.
21	26	24	61.4	62.2	53.0	68.0	376	445	70	80	W.b.N.2	Calm	0	10	—	Sultry p.
22	21	21	63.4	60.1	58.2	69.7	409	364	70	71	W by S4	WNW 3	9	10	—	∞ a. Cloudy and warm a. Very fine
23	30.17	30.03	56.7	60.3	48.9	64.4	277	391	61	75	N.b.W.2	W 2	7	9	—	Brilliant till 4p.
24	29.94	29.90	64.4	60.1	57.9	69.5	448	453	74	88	W by S4	W.b.N.5	5	10	—	Squally a. and p. Very dusty.
25	30.11	30.13	57.1	62.8	49.8	70.0	282	410	61	72	WNW 3	W 3	7	8	—	Very fine.
26	13	09	66.4	63.2	60.1	73.4	376	407	58	70	WSW 3	SW 3	10	7	—	Much cloud p.
27	15	18	67.9	60.0	58.4	71.6	438	426	64	83	E 2	E 2	4	1	—	Brilliant morning. ☉ (mist) op.
28	18	10	66.1	62.1	57.1	73.3	426	460	67	82	E by S3	ESE 2	3	8	211	☉ (mist) a. Brilliant till 1p. ☉ late p.
29	00	00	59.9	60.4	57.0	65.0	445	478	87	92	SW 1	NW 1	10	7	027	—
30	30.04	30.12	64.1	60.1	57.1	65.7	465	422	78	81	ESE 2	WNW 2	10	10	070	Distant T sp.
Means	30.086	30.081	58.9	56.6	50.7	65.0	346	368	68.9	79.8	2.7	2.0	6.6	6.8	1.248	—

## PARSONSTOWN (BIRR CASTLE).

Height above Mean Sea Level, 182 feet. Long. 7° 55' W. Lat. 53° 6' N.

JUNE 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	57.5	42.6	42.1	59.4	312	249	66	91	SW 2	Calm	8	10	ins.	202
2	56	70	50.7	47.8	38.2	57.3	266	281	72	85	WNW 1.5	Calm	8	9	085	
3	76	82	49.5	46.5	44.8	52.6	272	298	77	94	WNW 0.5	Calm	10	10	190	☉ p.
4	86	88	53.5	49.5	40.5	58.9	279	292	68	83	W 0.5	SW 0.5	8	10	—	
5	88	86	53.2	47.7	44.5	57.0	320	288	79	87	NW 1	W 0.3	10	8	032	
6	76	75	50.9	48.5	40.1	57.2	256	292	69	86	NW 0.5	NW 0.5	6	10	096	▲ ● p. ☉ (mist) 9p.
7	85	29.89	51.5	48.5	40.1	54.9	292	274	76	81	NW 2	NNW 1	10	9	023	
8	29.97	30.03	54.5	51.0	44.5	58.3	299	266	71	71	NNW 1	NNW 1	10	7	—	
9	30.06	05	51.5	53.8	46.5	60.3	261	297	69	72	NNE 1	Calm	10	4	—	
10	05	05	59.5	59.3	46.0	64.8	388	463	76	92	SE 1	W 0.2	10	10	149	
11	07	25	56.5	52.5	52.0	64.0	371	300	81	76	SW 2	W 0.5	10	0	—	
12	39	30	59.5	61.8	43.7	73.1	349	482	68	87	SW 0.5	Calm	0	6	—	☉ (mist) before ga.
13	24	40	66.7	49.5	49.4	67.9	475	272	72	77	SW 1	NW 1	10	0	—	☉ (mist) p.
14	46	49	55.0	47.0	37.6	60.6	276	257	64	80	NW 1	NW 0.5	6	7	—	
15	48	44	52.7	51.5	40.6	59.7	262	283	66	74	NNW 1	NNW 0.3	10	2	—	
16	37	33	53.5	50.0	42.0	59.8	270	358	66	79	E 0.5	NW 0.3	10	10	—	
17	29	25	57.5	59.6	52.0	62.5	359	415	76	81	NW 0.3	Calm	10	10	—	
18	24	24	62.8	60.6	53.5	69.3	406	402	71	77	Calm	Calm	10	10	—	
19	27	27	60.9	56.1	47.5	68.8	359	382	67	84	W 0.5	Calm	0	5	—	Overcast during day.
20	28	26	61.5	59.5	46.5	68.9	366	416	67	82	SW 0.5	NW 0.3	6	8	—	
21	27	24	60.0	58.5	47.2	70.0	399	417	79	85	Calm	Calm	0	8	10	☉ (mist) before ga.
22	22	25	61.5	53.3	53.0	68.8	419	314	77	77	W 1	NW 0.5	8	8	—	☉ (mist) p.
23	30.47	30.02	57.0	58.7	46.2	65.1	289	456	62	93	NE 0.5	SW 0.5	5	10	—	☉ (mist) p.
24	29.95	29.96	57.0	54.2	63.5	455	420	85	90	SW 2	SW 2	2	10	10	—	☉ (mist) a. and p.
25	30.13	30.15	56.5	60.6	47.5	68.1	312	433	68	83	NW 1.5	NW 0.3	8	10	—	
26	11	08	65.2	62.7	49.0	69.4	447	435	73	76	SSW 0.5	Calm	0	10	6	☉ (mist) before ga.
27	12	14	67.5	60.5	55.5	75.2	444	441	66	82	SSE 0.5	SE 0.3	4	2	—	
28	30.14	30.08	69.5	60.5	53.5	73.3	423	431	58	82	S 1	S 1	3	4	—	
29	29.97	29.98	64.0	60.3	55.0	68.4	411	411	69	79	NE 0.3	SW 0.5	7	8	—	☉ (mist) a. and p.
30	30.04	30.15	59.0	54.5	54.4	64.8	427	368	86	87	WSW 1	Calm	0	10	—	☉ (mist) before ga.
Means	30.092	30.096	58.0	54.5	47.0	64.1	349	356	71.5	82.4	0.9	0.4	8.0	7.3	0.777	



DUNROBIN CASTLE.

Height above Mean Sea Level, 12 feet. Long  $3^{\circ} 59' W.$  Lat.  $57^{\circ} 57' N.$

JULY 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour		Relative 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.	56°7	54°7	52°4	62°6	ins.	ins.	91	91	E	E	—	—	ins.	Fine, with $\frac{1}{2}$ (mist).
2	30°18	30°19	56°7	54°7	52°4	62°6	30°18	30°19	91	91	E	E	—	—	—	
3	'14	'06	53°7	59°2	50°6	59°2	'384	'340	93	68	SE	SE	—	—	—	
4	30°03	30°00	55°5	55°0	50°6	60°4	'406	'412	92	95	SE	SE	—	—	—	
5	29°99	29°95	56°0	57°6	51°6	58°4	'428	'448	95	94	S	E	—	—	—	Fine. $\frac{1}{2}$ (mist). Dull p.
6	'94	'91	56°7	62°6	52°8	64°6	'430	'478	93	86	SE	E	—	—	—	
7	'86	'84	58°2	59°4	56°6	64°6	'433	'489	89	95	SE	E	—	—	'080	Fine day.
8	'82	'90	58°2	59°6	56°1	62°9	'470	'450	97	88	E	E	—	—	'080	Fine. with $\frac{1}{2}$ (mist).
9	'88	'89	60°9	61°2	56°6	68°8	'515	'500	97	93	E	NE	—	—	'010	
10	'87	'87	59°9	59°6	56°8	64°9	'353	'481	69	94	NE	E	—	—	'100	
11	'77	'70	60°6	58°4	56°1	60°6	'486	'476	92	98	E	E	—	—	'160	Breezy.
12	'62	'72	59°6	56°5	55°6	60°2	'450	'442	88	97	SE	E	—	—	'150	Dull. ● showers.
13	'69	'82	61°9	57°3	51°4	61°9	'448	'430	82	91	E	N	—	—	'050	
14	'78	'74	60°6	60°4	50°1	65°9	'454	'496	86	95	E	E	—	—	—	Fine day.
15	'62	'65	65°6	56°7	52°8	65°6	'448	'448	72	97	SW	NE	—	—	'190	
16	'66	'62	61°2	56°7	50°4	65°4	'446	'430	83	93	SW	SE	—	—	'280	
17	'31	'30	64°2	57°6	55°4	64°6	'512	'398	85	83	SE	S	—	—	'030	Dull a. Fine p.
18	'32	'65	56°7	51°5	50°4	59°4	'373	'342	81	90	NW	W	—	—	'030	Dull.
19	29°69	29°91	51°7	48°0	46°9	53°7	'339	'309	88	93	SW	SW	—	—	'120	Dull, with ● showers.
20	30°05	30°17	55°7	50°0	43°5	57°9	'394	'291	69	76	NW	S	—	—	—	
21	'13	'12	54°9	49°3	39°1	59°9	'296	'288	69	82	NE	N	—	—	'100	Fine and clear.
22	30°01	30°01	53°3	53°5	45°5	53°5	'336	'367	82	90	SE	SE	—	—	'160	Dull and cloudy. ● showers.
23	29°88	29°80	52°5	54°7	49°8	56°6	'368	'433	94	99	SE	SE	—	—	'450	
24	'66	'54	58°9	52°3	46°5	59°4	'400	'384	81	98	SE	SE	—	—	'050	Dull, with ●.
25	'54	29°82	53°5	50°0	46°9	58°2	'376	'317	92	88	SE	NW	—	—	—	Fine day.
26	'89	30°00	55°3	45°9	45°7	57°9	'335	'300	64	98	NW	N	—	—	—	Fine and breezy.
27	'94	29°91	59°2	49°3	42°9	59°2	'300	'311	59	89	SW	E	—	—	—	Dull a. Fine p.
28	29°95	30°02	53°0	50°5	48°1	56°9	'311	'337	77	92	NE	NW	—	—	—	Clear and fine. Cloudy p.
29	30°04	'05	56°0	52°7	44°7	58°6	'358	'344	79	86	E	N	—	—	—	Clear, fine, and dry.
30	'09	'12	55°3	53°5	47°5	56°9	'364	'354	83	87	E	E	—	—	—	Fine. ∞.
31	'10	'05	59°6	59°9	52°4	60°2	'428	'433	84	85	E	NE	—	—	—	Fine and clear.
	30°11	30°12	61°6	54°3	53°6	67°3	'384	'414	71	98	NE	NE	—	—	—	
Means	29°86	29°884	57°6	55°1	50°3	60°8	'398	'397	83°1	90°6	—	—	—	—	2°040	

BRAEMAR.

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

JULY 1884.

1	30°11	30°17	60°4	55°3	45°8	65°5	*412	*383	79	87	S	1	E	1	4	3	*010	Clear <i>a.</i> Dull <i>p.</i>
2	30°14	30°05	60°6	55°2	45°7	65°5	*440	*473	85	89	S	0°5	S	0°5	3	5	—	☼ <i>a.</i>
3	29°58	29°54	61°4	62°9	49°6	73°3	*440	*553	81	97	S	0°5	SW	1	5	3	*059	☼ <i>qa.</i> Day fair and clear.
4	*04	*89	62°9	64°4	51°2	74°8	*444	*537	78	89	SW	0°5	S	0°5	3	6	—	Fair and clear.
5	*84	*87	67°7	61°8	54°2	72°5	*557	*516	83	94	NE	1	S	1	7	6	*280	☼ <i>a.</i> Dull, with ☼ <i>p.</i>
6	*83	*82	59°8	60°6	56°2	66°5	*450	*486	88	92	S	0°5	S	0°5	9	8	*720	☼ <i>a.</i> Dull, with ☼ <i>p.</i>
7	*82	*86	61°4	57°8	50°9	64°5	*507	*433	94	90	S	2	SW	2	3	7	*110	☼ <i>a.</i> ☼ showers.
8	*85	*77	64°6	62°4	55°7	68°5	*438	*437	73	78	S	4	SW	1	8	8	*150	Fine day. ☼ (mist).
9	*85	*83	60°4	58°6	56°4	69°5	*463	*458	89	93	E	1	E	1	10	9	*050	T <i>a.</i>
10	*71	*61	59°6	56°6	55°8	63°8	*469	*465	92	100	E	1	E	1	8	10	1560	☼ ☼ all day.
11	*51	*67	57°3	52°5	51°4	60°5	*421	*334	89	84	SE	0°5	SW	1	10	4	*340	☼ <i>a.</i> ☼ 7p.
12	*61	*76	53°0	54°3	43°4	63°7	*369	*336	92	80	SE	1	SE	0°5	8	7	*040	☼ ☼ showers.
13	*74	*52	62°8	60°6	46°6	66°7	*403	*430	71	82	SW	2	SE	2	7	8	—	Fine day.
14	*60	*62	56°6	55°8	52°4	62°2	*370	*337	80	75	SW	2	SW	2	8	7	*110	Fair <i>a.</i> T 4p.
15	*66	*59	57°0	55°8	48°4	65°8	*364	*431	78	90	SW	8	E	2	8	10	*350	Dull day.
16	*29	*28	57°6	53°5	53°2	60°5	*384	*367	81	90	SW	4	SW	4	7	8	*240	☼ showers.
17	*37	*62	53°5	50°7	49°3	61°8	*382	*365	94	99	SW	4	W	3	9	7	*020	☼ Fine.
18	*68	29°88	47°7	45°8	43°3	54°8	*308	*278	94	91	SW	1	NW	0°5	8	6	*100	☼ ☼ showers.
19	29°58	30°07	50°2	45°6	43°3	56°5	*320	*265	89	87	W	2	NW	1	6	7	*020	☼ ☼ showers. Cold.
20	30°05	29°58	52°2	50°3	39°3	57°5	*331	*258	60	71	NW	1	NW	0°5	4	7	*160	Fine day.
21	29°88	*89	46°4	47°7	45°3	52°5	*282	*301	90	92	NE	1	E	0°5	10	9	*160	Dull, with ☼.
22	*84	*82	51°7	52°3	45°7	56°7	*327	*302	85	78	E	0°5	E	0°5	8	8	*080	Dull, with ☼ showers.
23	*62	*52	50°5	51°5	46°7	61°8	*342	*330	94	87	NW	0°5	NW	0°5	10	6	*090	☼ <i>a.</i> Fine <i>p.</i>
24	*47	29°74	53°8	46°8	43°5	55°5	*301	*266	73	84	SW	1	N	2	6	10	*190	☼ showers.
25	*86	30°00	52°8	46°5	43°6	54°5	*209	*270	53	87	NW	4	NW	0°5	7	8	*030	☼ showers.
26	*93	29°88	50°5	48°8	39°6	59°3	*251	*289	69	84	SW	2	NW	0°5	7	7	*010	☼ showers.
27	29°54	30°04	52°5	54°7	40°3	59°5	*272	*249	70	58	SE	2	SE	0°5	4	8	—	Fair.
28	30°02	*01	56°3	51°5	43°3	63°4	*298	*368	66	77	SE	1	SW	0°5	3	9	—	Dull.
29	*07	*14	49°5	50°8	49°4	58°8	*311	*320	89	86	NE	0°5	SE	2	10	9	*040	Dull, with ☼ showers.
30	*07	*07	56°3	56°6	48°8	62°5	*369	*414	81	85	SE	0°5	SW	0°5	7	7	*010	Dull, with ☼ showers.
31	30°07	30°12	59°6	56°6	52°0	65°5	*361	*391	71	80	SW	2	SE	2	7	8	*010	Fair and clear.
Means	29°816	29°839	56°3	54°5	48°5	62°8	*371	*375	81°0	86°8		1°7		1°2	6°9	7°3	4°930	

LAUDALE.

Height above Mean Sea Level, 14 feet. Long. 5° 41' W. Lat. 56° 41' N.

JULY 1884.

Day.	Barometer at 32° and M.S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	60.6	50.8	53.6	65.6	ins.	ins.	90	90	Calm	0	8	5	ins.	☼ (mist) a. Fine day.		
2	30.14	30.07	61.0	55.0	52.7	68.8	.470	.397	88	92	Calm	0	10	0	—	Gloomy, with ☼ (mist) a. Day fine		
3	29.99	29.94	68.2	60.4	51.6	73.2	.439	.460	65	88	S	1	2	8	.750	Cir from S.E. to N.W. ga. ∞ round		
4	.90	.87	66.1	64.9	59.0	76.8	.521	.448	82	73	S	1	9	7	.090	☼ n. Dull day. ☼ 3.30 p. [sun		
5	.87	.87	65.4	63.7	61.4	73.8	.498	.496	80	84	Calm	0	9	10	.060	☼ (mist) a. Day dark and hot. ☼ [op.		
6	.82	.83	65.5	59.2	59.2	70.6	.493	.464	80	93	Calm	0	7	3	.050	Calm and dull, with ☼ ☼ showers.		
7	.76	.78	61.6	63.8	58.9	65.8	.409	.445	75	75	SE	5	E	4	.600	☼ mist ga. Gloomy and squally.		
8	.86	.83	60.0	62.1	57.2	68.3	.429	.404	83	73	SSE	1	S	1	10	8	☼ (mist) a. Gloomy a. Fine p.	
9	.81	.73	67.0	63.3	66.0	71.2	.462	.476	70	82	ESE	1	E	4	8	9	.180	Very sultry all day. ☼ ☼ showers. ☼ [∞ p.
10	.59	.53	63.9	61.0	57.0	70.7	.478	.503	81	94	E	2	E	3	7	10	1750	☼ ☼ from 5p. ☼ (mist) op.
11	.52	.64	56.4	56.8	56.0	70.7	.416	.380	92	82	SW	1	Calm	0	10	1	.080	☼ n. and during day. ☼ (mist) a.
12	.63	.77	61.4	59.0	53.0	69.0	.390	.367	72	74	E	2	SW	2	9	8	—	
13	.72	.60	65.1	60.6	53.0	70.6	.432	.442	71	84	E	4	SE	1	9	5	.290	☼ ☼ a.
14	.81	.61	59.6	56.4	55.0	70.8	.431	.391	85	86	E	4	S	3	9	10	.290	☼ a. Cold day.
15	.65	.53	59.8	58.8	54.0	70.6	.417	.413	81	84	E	2	SE	1	10	10	.140	Raw and damp. ☼ (mist) p.
16	.29	.25	57.6	55.4	54.0	70.9	.374	.382	79	87	SE	1	W	3	10	9	.990	Cold ☼ ☼ all day.
17	.47	.70	57.0	53.0	50.0	66.2	.361	.369	77	92	NW	5	SW	4	8	10	.140	
18	29.73	29.96	50.1	48.8	48.6	57.8	.331	.259	89	75	W	1	Calm	0	10	7	.060	☼ (mist) ga. Cold with ☼ ☼. Gloomy.
19	30.13	30.15	53.0	50.0	45.3	58.1	.305	.307	76	85	SW	2	Calm	0	6	7	—	Cir.-s. rising from SW.
20	30.15	30.05	55.0	52.0	46.1	60.1	.330	.310	74	80	Calm	0	Calm	0	2	10	.040	Sky overcast from 6p.
21	29.95	29.87	51.4	52.0	49.7	54.8	.333	.353	85	91	SSE	4	Calm	0	10	10	.050	☼ (mist) op.
22	.81	.79	56.4	53.6	51.6	61.7	.437	.388	96	95	SE	1	Calm	0	10	10	.230	☼ (mist) a and p.
23	.63	.54	52.2	54.2	51.7	62.3	.369	.358	95	85	W	1	Calm	0	10	8	.230	☼ (mist) a. and p. ☼ ☼ showers.
24	.84	.80	57.0	52.0	50.0	59.7	.377	.315	81	81	Calm	0	NW	5	7	7	.150	☼ (mist) a. and p. ☼ ☼ showers all [day.
25	.09	30.04	54.0	49.2	46.0	57.8	.373	.296	66	85	NW	5	NW	2	7	8	.070	
26	.05	29.83	54.0	48.6	44.3	59.0	.310	.295	74	88	SE	2	Calm	0	9	5	—	Dull and cloudy all day.
27	29.95	30.06	60.0	51.4	43.5	63.8	.351	.336	62	88	Calm	0	Calm	0	2	1	—	Fine all day.
28	30.02	29.99	58.3	56.0	43.5	63.8	.356	.383	74	85	ESE	2	Calm	0	8	10	—	Cir.-c. to W. and SW. Cir. from E. to W.
29	.03	30.11	60.0	57.0	51.9	62.8	.372	.434	72	93	Calm	0	Calm	0	10	10	.060	Dull and gloomy. ☼ (mist) p.
30	.11	.05	59.0	61.0	55.5	66.0	.433	.496	87	93	S	2	SW	2	10	10	.090	Dull and gloomy, with ☼ ☼ (mist).
31	30.14	30.12	58.4	56.1	51.8	64.0	.375	.398	77	88	Calm	0	Calm	0	8	10	—	☼ (mist) a. Grey ☼ to SSE.
Means	29.835	29.840	59.2	50.5	52.3	66.0	.398	.393	79.0	85.4	1.6		1.1	8.3	7.6	6.392		

DUNDEE.

Height above Mean Sea Level, 160 feet. Long.  $2^{\circ} 56' W.$  Lat.  $56^{\circ} 28' N.$

JULY 1884.

1	30°17	30°19	57°3	54°7	54°7	61°3	*442	*399	94	93	SE	1	E	1	10	10	—	Dull.
2	*16	30°09	55°3	53°4	52°7	64°7	*394	*394	90	96	SE	3	E	1	10	10	—	☁ till 11a. and from 4.30p.
3	30°04	29°08	55°5	52°4	52°0	65°5	*409	*379	93	96	SE	1	SE	1	10	10	*050	Dull till 1p. ☁ from 4.45p.
4	29°97	*02	54°8	53°0	51°2	50°8	*418	*386	97	96	SE	1	SE	1	10	10	—	T ☉ n. and till 6.15a.
5	*92	*90	56°3	57°6	51°1	61°8	*442	*454	97	95	SE	1	NW	1	10	10	*700	Dull till 2p. ☁ from 6p.
6	*85	*85	58°7	59°1	56°5	66°3	*485	*486	98	97	SW	1	SE	1	10	10	—	Distant K 4p.
7	*85	*87	60°1	56°8	56°5	65°2	*431	*449	84	97	SE	1	SE	1	10	10	*300	☉ 11.30a.—3p.
8	*88	*89	66°5	57°7	56°0	73°8	*536	*461	83	96	S	1	SE	1	10	10	*300	T ☉ 8.30p.
9	*85	*82	59°8	59°0	56°7	64°3	*485	*474	94	95	SE	2	SE	4	10	10	*250	☉ showers 10.30a.—6.30p.
10	*69	*61	60°5	58°1	57°3	60°8	*468	*466	80	96	SE	6	E	6	10	10	1°450	☉ 9.30a.—2p.
11	*54	*68	55°9	53°1	53°0	62°6	*435	*379	98	93	SW	3	NE	1	10	7	*200	☉ till 10a. Distant T p.
12	*68	*79	63°0	55°7	50°5	68°5	*434	*409	76	92	SW	1	SW	1	10	7	—	☉ 6.15p.—7.15p. T.
13	*80	*69	62°0	57°0	51°2	69°8	*439	*446	79	96	SW	1	SE	4	10	10	*100	☉ ☁ showers 8.30a.—4.30p. T 2p-4p.
14	*65	*65	62°0	57°1	53°8	66°8	*427	*410	77	89	SW	2	SW	1	10	10	*300	☉ from 7p.
15	*70	*55	61°5	56°3	54°2	66°3	*402	*427	75	94	W	4	SE	6	10	10	1°350	☉ ☁ showers during day.
16	*35	*34	61°6	57°8	54°8	65°5	*423	*330	78	60	SW	6	SW	6	10	10	*050	K 2a.—3a. ☉ showers during day.
17	*40	*65	62°5	54°1	54°1	65°8	*360	*289	64	70	SW	4	W	4	5	7	—	Cloudy.
18	29°72	29°90	52°7	51°9	50°6	63°7	*344	*288	86	75	SW	1	W	1	5	10	*950	Cloudy.
19	30°05	30°12	51°2	48°6	45°6	59°1	*257	*278	68	81	W	1	W	1	10	10	*100	Cloudy.
20	30°12	30°04	53°7	50°8	43°9	61°2	*318	*318	82	85	SW	2	SW	2	10	10	—	—
21	29°89	29°91	52°8	52°0	48°0	61°7	*374	*340	93	87	SE	1	E	1	5	10	—	Cloudy.
22	*89	*82	54°6	56°8	49°8	61°6	*375	*388	88	84	S	1	SW	1	10	10	*050	☉ showers 4p.—6p. Dull.
23	*64	*54	54°7	53°4	52°8	57°6	*408	*352	95	86	SW	1	S	2	10	10	—	T
24	*51	*73	56°7	51°7	50°3	58°9	*360	*317	78	83	NW	2	SE	4	10	10	—	—
25	*90	*96	54°4	51°1	44°1	55°2	*262	*284	72	76	NW	4	NE	2	10	10	—	—
26	*99	29°88	52°3	50°8	45°3	59°0	*265	*323	68	86	NW	1	W	1	10	10	—	Cloudy.
27	29°93	30°09	57°5	50°7	47°4	61°7	*312	*312	66	84	SE	1	E	1	10	10	—	Fine.
28	30°06	*03	57°8	56°0	45°3	61°9	*354	*402	74	89	E	1	SW	1	10	10	—	Cloudy.
29	*06	*17	54°8	52°4	48°2	58°2	*370	*360	86	91	E	1	E	1	10	10	—	Dull.
30	*14	*10	56°7	58°0	50°5	67°7	*392	*463	85	96	S	2	NE	1	10	10	*100	Dull. ☉ 2p.—3p.
31	30°09	30°17	62°4	53°4	53°2	71°7	*463	*380	82	93	SW	1	SW	1	10	10	—	Dull.
Means	29°854	29°868	57°6	54°5	51°3	63°5	*397	*382	85°5	88°9		1°9		2°0	9°5	9°7	6°150	



## ROTHESAY.

Height above Mean Sea Level, 115 feet. Long. 5° 4' W. Lat. 55° 50' N.

JULY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
2	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
3	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
4	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
5	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
6	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
7	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
8	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
9	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
10	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
11	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
12	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
13	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
14	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
15	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
16	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
17	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
18	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
19	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
20	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
21	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
22	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
23	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
24	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
25	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
26	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
27	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
28	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
29	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
30	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
31	30.18	30.17	64.1	61.9	49.1	72.0	.466	.457	78	83	NE	SW	—	—	ins	
Means	29.870	29.874	59.3	56.7	51.4	66.0	.466	.446	91.9	96.2	—	—	—	—	5.788	

## PINMORE.

Height above Mean Sea Level, 187 feet. Long. 4° 49' W. Lat. 55° 12' N.

JULY 1884.

1	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
2	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
3	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
4	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
5	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
6	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
7	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
8	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
9	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
10	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
11	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
12	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
13	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
14	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
15	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
16	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
17	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
18	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
19	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
20	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
21	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
22	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
23	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
24	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
25	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
26	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
27	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
28	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
29	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
30	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
31	30.18	30.20	66.8	59.0	46.2	71.9	.429	.430	65	87	S	0.5	S	0.5	—	—
Means	29.889	29.891	60.4	56.6	51.6	65.0	.410	.404	77.8	87.6	1.0	1.2	—	—	4.620	

## SCALEBY (NEAR CARLISLE).

Height above Mean Sea Level, 111 feet. Long. 2° 52' W. Lat. 54° 58' N.

JULY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	64.5	60.5	54.0	77.0	in.	in.	%	%	Calm	0	0	0	ins.	T <sup>2</sup> T <sup>2</sup> T <sup>2</sup> T <sup>2</sup>
2	30.14	30.16	64.5	60.5	54.0	77.0	.480	.464	80	89	Calm	0	0	10	.090	
3	30.18	30.09	60.0	58.0	55.0	72.4	.439	.409	86	85	Calm	0	0	10	—	
4	30.07	29.94	66.5	64.0	45.5	80.2	.433	.528	67	80	Calm	0	NE	4	.580	
5	.88	.87	71.0	61.0	56.8	73.5	.648	.522	85	98	N	5	E	4	.790	
6	.89	.91	65.5	62.5	57.0	78.8	.594	.552	95	98	E	3	E	2	.070	
7	.86	.89	63.0	59.0	58.2	71.0	.475	.470	83	95	W	3	SE	2	.150	
8	.86	.86	57.5	60.7	52.0	67.0	.464	.520	99	98	SE	3	SE	2	.380	
9	.90	.87	62.0	62.0	57.0	72.8	.507	.507	92	92	SW	1	SW	3	.350	
10	.85	.77	63.0	61.5	60.0	72.8	.492	.546	86	100	S	2	SE	4	.250	
11	.60	.54	66.0	60.5	53.0	73.0	.535	.496	84	95	N	2	Calm	0	1.000	
12	.58	.66	61.0	57.5	53.6	70.5	.427	.473	80	100	SW	5	Calm	0	.290	
13	.74	.76	62.7	59.5	54.0	71.0	.393	.418	70	83	W	4	N	2	.020	
14	.80	.75	65.5	56.0	53.2	76.5	.377	.407	60	91	S	4	SW	2	.440	
15	.71	.74	62.3	59.0	50.0	68.0	.406	.396	73	80	SW	6	S	6	.100	
16	.73	.56	64.0	61.5	55.0	70.8	.449	.546	75	100	SW	3	SW	2	.780	
17	.42	.47	62.5	58.5	54.0	70.5	.381	.431	68	89	SW	6	SW	5	.080	
18	.52	.76	57.5	54.7	54.5	64.0	.453	.425	96	99	SW	5	SW	3	.100	
19	29.87	29.96	56.0	51.5	51.0	61.4	.401	.381	89	100	SW	4	SW	3	.110	
20	30.09	30.13	56.5	50.5	41.0	61.3	.401	—	88	—	Calm	0	Calm	0	—	
21	30.12	30.04	59.5	54.5	42.0	67.5	—	—	—	—	Calm	0	Calm	0	—	
22	29.84	29.88	59.5	56.0	54.0	63.0	—	—	—	—	SW	1	SW	1	—	
23	.91	.83	59.5	55.5	54.0	65.0	—	—	—	—	SW	1	SW	1	—	
24	.67	.58	56.5	53.5	53.0	66.3	—	—	—	—	Calm	0	S	2	.410	
25	.53	29.69	53.5	51.5	49.2	62.3	—	—	—	—	Calm	0	Calm	0	.170	
26	.98	30.04	57.0	51.0	45.0	58.5	—	—	—	—	Calm	0	SW	2	.480	
27	.97	29.80	51.5	52.5	40.7	55.0	—	—	—	—	Calm	0	E	3	—	
28	29.84	29.88	57.5	49.5	49.0	61.5	—	—	—	—	E	4	Calm	0	—	
29	30.09	.00	57.5	56.5	1.0	65.2	—	—	—	—	Calm	0	SE	2	—	
30	.02	.13	60.5	56.5	46.0	67.0	—	—	—	—	Calm	0	SW	2	—	
31	.14	.14	59.5	58.0	52.5	68.0	—	—	—	—	Calm	0	W	2	.020	
32	30.13	30.16	62.0	57.5	58.2	68.5	—	—	—	—	W	1	SW	2	.030	
Means	29.863	29.873	57.7	57.1	51.5	68.4	—	—	—	—	2.0	—	2.0	7.6	7.2	6.60



## CRONKBORNE (DOUGLAS), ISLE OF MAN.

Height above Mean Sea Level, 137 feet. Long. 4° 29' W. Lat. 54° 10' N.

JULY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	61.8	53.9	53.9	65.0	ins.	ins.	91	95	Calm	0	10	2	ins.	☁ (mist) a. ☁ 9p.		
2	30.15	30.20	62.8	52.8	46.3	65.9	400	366	70	91	SSW	1	NW	1	3	☁ ☁ (mist) p.		
3	30.02	29.94	63.8	60.4	43.5	70.4	430	305	73	97	ESE	2	Calm	0	5	10	☁ ☁ (mist) a. and p. T p.	
4	29.87	29.86	70.0	64.7	58.8	72.0	502	492	68	81	ESE	2	Calm	0	1	10	☁ ☁ (mist) a. T p.	
5	29.89	29.89	63.3	58.7	55.4	71.2	470	469	81	95	ESE	2	SE	1	10	10	☁ ☁ (mist) p. T.	
6	29.88	29.88	63.6	55.3	51.2	65.4	466	417	79	95	SSW	3	S	1	5	6	6.21	☁ ☁ (mist) op.
7	29.80	29.84	57.4	60.0	53.3	63.9	462	463	98	90	SSE	3	SE	2	10	10	1.97	☉ ☁ a. ☁ (mist) op.
8	29.90	29.86	62.6	60.4	54.5	67.0	422	460	75	88	S	3	Calm	0	4	8	—	☁ a. ☁ (mist) op.
9	29.84	29.68	62.7	60.9	49.3	66.0	410	505	72	95	ESE	2	ESE	1	5	10	1.20	☁ (mist) p.
10	29.58	29.53	60.0	54.7	54.7	64.5	511	405	99	94	SSE	2	Calm	0	10	10	2.92	☁ ☁ (mist) a. and p.
11	29.62	29.60	61.4	59.1	53.5	63.4	458	395	85	79	SSW	3-4	E	3-4	7	9	0.52	T. ☉ 11p.—Midt.
12	29.75	29.78	59.7	56.0	53.2	63.8	436	410	86	93	SSW	4	Calm	0	7	6	—	☁ ☁ (mist) p.
13	29.77	29.73	61.7	56.0	54.0	65.2	457	428	84	95	SE	4	S	3	9	8	0.57	☁ p.
14	29.71	29.76	60.2	56.4	55.3	62.6	444	431	86	95	S	7	SW	4-5	7	7	—	Squally ☁ a. and p. ☁ (mist) a.
15	29.76	29.54	60.0	57.7	54.0	62.2	441	461	86	96	SSW	5-6	SSW	3	6	10	8.17	Squally a. ☁ (mist) p. ☉ 3p.—5p.
16	29.43	29.48	58.4	56.0	54.1	61.7	407	419	83	93	SSW	6-7	SW	5	8	7	0.33	Squally ☁ a. and p. [and 6p.—midt.
17	29.88	29.80	58.4	56.1	54.2	64.7	418	404	86	89	WNW	5-6	W	2	7	10	0.67	Squally ☁ a. ☁.
18	29.88	29.80	56.7	50.5	50.5	60.6	403	352	88	96	W	4-5	W	1	7	7	0.74	T ☁ p.
19	30.13	30.18	57.5	50.3	44.6	60.3	307	324	65	89	NNW	3	Calm	0	4	6	—	p.
20	30.14	30.07	62.4	54.6	44.4	62.9	324	375	58	88	Calm	0	Calm	0	1	10	0.13	☁ p.
21	29.88	29.91	54.8	55.0	52.0	66.2	403	418	93	97	WSW	2	Calm	0	10	9	1.08	☁ (mist) a. and p. ☉ 2 5p.
22	29.91	29.84	60.3	57.0	52.4	62.3	413	459	85	99	WSW	3	Calm	0	9	0	0.352	☁ (mist) p.
23	29.68	29.63	57.1	53.7	53.7	62.5	424	351	90	85	W	1	WSW	2	9	4	0.41	☉ 2 a.
24	29.58	29.68	53.8	54.5	52.0	60.0	358	390	86	92	W	4	WNW	1	8	6	0.77	☁ (mist) p.
25	29.00	29.11	55.4	50.7	49.4	58.7	315	309	72	84	NNW	5	NNW	3	5	2	0.66	☁ (mist) p.
26	29.98	29.77	51.7	54.2	46.4	54.2	352	412	92	98	WSW	3-4	Calm	0	10	10	0.934	☁ (mist) p.
27	29.82	29.07	57.6	54.0	52.9	63.2	398	374	85	90	ENE	4-5	NE	1	5	6	0.02	☁ p.
28	29.98	29.98	57.0	56.0	45.6	57.2	414	443	89	99	S	1	Calm	0	10	10	0.372	☁ (mist) a. ☁ p.
29	30.04	30.13	60.4	59.8	55.2	64.0	502	482	96	94	WNW	2	NW	1	10	10	0.24	☁ (mist) a. and p.
30	30.14	30.15	62.8	59.0	54.4	65.2	506	493	88	99	ESE	1	Calm	0	9	9	0.22	☁ (mist) a. ☁ 9p.
31	30.17	30.16	60.3	56.8	50.0	64.9	468	456	90	98	ESE	1	E	1	10	10	—	☁ (mist) a. ☁ ☁ p.
Means	29.876	29.876	59.9	56.3	51.9	63.8	427	422	83.1	92.5	5.0	1.2	7.1	7.6	4.438			

## STONYHURST.

Height above Mean Sea Level, 375 feet. Long. 2° 28' W. Lat. 53° 51' N.

JULY 1884.

1	30.18	30.20	66.0	59.9	56.4	71.8	*464	*424	73	83	Calm	0	Calm	0	10	2	—	
2	30.19	30.12	64.0	58.1	49.9	71.2	*431	*374	72	78	Calm	0	Calm	0	0	0	—	
3	30.04	29.95	67.5	63.2	46.4	70.8	*424	*471	63	81	Calm	0	Calm	0	0	10	0.010	☉ <sup>0</sup> K 6.30p.
4	29.90	29.89	66.6	65.1	58.7	74.4	*520	*474	80	78	NNE	1	Calm	0	10	10	—	K 1.30p.
5	*92	*93	65.9	61.9	58.8	73.7	*507	*506	81	92	Calm	0	Calm	0	10	10	0.250	☾ <sup>1</sup> 1.30p.
6	*91	*95	62.3	59.0	55.3	67.4	*452	*404	81	81	W	1	Calm	0	10	4	0.500	T 2 <sup>a</sup> a.
7	*91	*91	59.2	63.8	54.4	67.0	*442	*464	89	78	SSE	1	S	1	10	10	0.050	
8	*91	*88	66.0	62.0	59.4	72.3	*464	*487	73	88	SE	1	WSW	1	6	10	0.070	☾ <sup>2</sup> during the evening.
9	*86	*74	63.3	61.5	57.6	68.8	*502	*470	86	86	Calm	0	NE	1	10	10	0.586	☾ <sup>2</sup> 4.30p.
10	*64	*63	64.0	55.1	52.9	69.0	*499	*408	83	93	Calm	0	SW	1	10	10	0.673	
11	*69	*70	61.0	60.0	51.8	68.8	*366	*385	69	74	SW	2	ESE	1	6	7	0.050	☾ <sup>2</sup> 11.30p.
12	*81	*85	61.0	59.0	53.2	71.0	*346	*433	65	87	S	2	Calm	0	5	10	0.420	☾ <sup>2</sup> 7p.
13	*85	*80	66.0	58.3	54.8	72.3	*446	*429	70	88	S	3	WSW	1	8	2	0.428	☾ <sup>2</sup> 6.30p.
14	*81	*84	63.0	58.9	52.2	68.2	*401	*378	70	77	S	4	SSW	1	6	10	0.007	
15	*85	*65	62.1	62.9	54.3	69.1	*374	*484	68	85	S	2	SSE	3	7	10	1.000	
16	*60	*60	61.0	56.8	55.2	65.6	*358	*330	67	71	SSW	3	SW	2	10	0	1.800	
17	*64	29.84	58.1	56.7	48.8	62.3	*392	*387	81	84	SW	3	WSW	1	10	9	0.020	☾ <sup>0</sup> 9p.
18	29.94	30.01	57.0	53.0	48.9	60.8	*361	*322	77	80	WSW	3	W	1	10	10	0.080	
19	30.12	*18	56.7	49.5	44.4	60.8	*272	*269	59	76	WNW	1	Calm	0	6	0	—	
20	30.15	30.08	59.1	57.0	43.7	65.8	*286	*304	57	65	Calm	0	Calm	0	10	8	0.010	
21	29.90	29.94	58.2	56.6	51.4	60.3	*367	*405	76	88	SW	1	Calm	0	10	7	0.043	
22	*95	*91	61.1	57.9	54.9	65.3	*418	*414	79	86	SW	1	Calm	0	10	10	0.445	
23	*72	*66	61.0	53.4	52.4	61.7	*410	*342	77	84	SW	2	WSW	1	10	10	0.400	☾ <sup>2</sup> 7.20p.
24	*62	29.72	52.2	53.8	50.8	59.8	*358	*322	92	77	WSW	1	WNW	1	10	0	1.124	
25	29.97	30.10	56.4	51.9	47.8	60.5	*290	*289	63	75	NNW	1	WNW	1	10	0	0.010	
26	30.04	29.81	53.4	53.0	45.3	54.3	*304	*361	74	90	S	1	Calm	0	10	10	0.545	
27	29.82	30.07	55.0	54.1	50.2	61.8	*372	*333	86	80	NE	1	NNE	1	10	10	—	
28	30.14	*93	59.0	55.1	50.7	60.3	*352	*402	71	92	Calm	0	Calm	0	10	10	0.145	
29	*06	*15	59.1	58.5	53.8	64.9	*438	*432	89	89	Calm	0	Calm	0	10	10	0.013	
30	*20	*20	61.0	59.6	54.8	68.3	*483	*459	90	90	Calm	0	Calm	0	10	10	0.046	
31	30.19	30.18	60.9	58.6	50.4	64.8	*474	*413	90	84	WSW	1	Calm	0	10	10	—	
Means	29.920	29.920	60.9	57.9	52.6	66.4	*406	*399	75.8	82.6	1.2	0.6	8.5	7.4	5.205			

## WAKEFIELD.

Height above Mean Sea Level, 96 feet. Long. 1° 30' W. Lat. 53° 41' N.

JULY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	66.1	60.6	56.6	74.4	ins.	ins.	91	98	ENE 2	NNW 2	10	10	ins.	Dull and cloudy.
2	30.17	30.09	65.6	60.8	56.2	74.8	431	422	69	80	W 2	NW 2	0	2	—	Fine day.
3	30.03	29.94	70.8	68.2	48.5	78.5	460	482	86	70	ENE 1	SW 1	1	3	—	Fine day.
4	29.95	29.87	62.6	65.6	56.0	80.4	439	482	93	92	SSW 2	NNE 1	1	0	0.020	
5	29.93	29.90	64.3	64.1	56.7	75.8	445	441	91	91	ESE 2	SSW 2	6	10	0.140	
6	29.89	29.93	65.0	58.5	50.0	71.4	450	461	82	94	SSW 2	SSW 2	2	4	0.050	☞ 10.20a.
7	29.91	29.90	59.7	64.6	49.1	66.4	400	511	98	85	SSE 2	S 1	10	10	0.080	Dull day.
8	29.94	29.85	62.4	64.4	53.0	76.6	437	453	90	89	WSW 1	E 2	10	5	0.040	Fine from 11a.
9	29.84	29.74	66.4	60.8	57.2	73.4	459	439	79	99	NE 1	NE 1	10	10	1.090	Dull. ☞ 3.30p.—6.30p., causing great damage and some loss of life.
10	29.63	29.59	63.3	57.1	57.1	68.4	454	451	95	96	ENE 1	ENE 1	10	10	0.570	
11	29.66	29.72	63.4	63.6	51.1	70.4	494	450	68	94	SSW 3	ESE 2	3	8	0.70	
12	29.80	29.83	63.7	63.4	54.8	72.0	469	482	82	83	SSW 2	E 2	3	4	—	Fine and bright.
13	29.85	29.77	71.6	60.7	58.2	75.4	493	494	65	94	ESE 2	NNE 2	6	5	0.070	Fine day.
14	29.83	29.84	64.6	59.4	54.7	72.8	448	446	69	89	SSW 5	SW 3	4	6	0.020	Fine till 8.30p., then dull, with ☉ 9.
15	29.85	29.76	64.6	64.8	55.5	69.6	412	431	68	87	S 3	WNW 3	3	10	0.030	Fine till 2p., then dull and gloomy.
16	29.57	29.59	62.6	59.2	39.2	70.6	433	416	77	83	SSW 2	WSW 4	10	4	0.010	☞ 7.15p. and 8p.
17	29.62	29.82	60.0	57.7	55.2	66.5	410	385	80	81	SSW 4	NW 3	5	10	—	Fine from 10.30a.
18	29.87	29.98	56.9	54.7	54.4	64.2	397	343	80	81	SSW 3	SW 2	8	1	0.010	Fine from 10.40a.
19	30.10	30.17	57.1	51.6	45.7	63.6	315	301	67	78	WNW 3	NNE 3	3	4	—	Fine day.
20	30.13	30.10	59.6	55.7	40.0	66.0	349	357	68	81	NNE 3	NNE 2	5	10	0.010	
21	29.88	29.91	57.1	54.8	51.1	61.5	421	397	90	92	NE 1	WSW 1	10	4	0.120	Fine from 4p.
22	29.95	29.89	61.6	59.6	53.7	67.4	446	405	82	93	WSW 2	WSW 2	10	10	0.020	Dull day.
23	29.73	29.66	63.4	54.8	54.4	65.5	432	373	83	87	S 3	S 2	10	3	0.030	Fine most of day.
24	29.61	29.69	58.3	53.8	50.7	61.4	371	353	77	85	SW 3	NW 3	10	6	0.060	
25	29.96	30.08	55.8	51.8	49.1	62.8	313	328	70	85	NW 2	NW 2	4	2	0.020	Fine day.
26	30.07	29.82	56.7	51.8	45.1	58.6	345	379	75	08	SSW 2	SE 2	10	10	0.300	Dull and gloomy.
27	29.71	29.97	54.8	55.0	51.3	61.1	397	403	92	93	N 2	N 2	10	10	0.010	Dull and gloomy.
28	30.14	30.04	57.7	54.8	54.2	63.4	371	419	79	97	ENE 2	ENE 2	6	10	0.040	Fine till 4p., then dull.
29	29.05	29.15	59.4	56.7	54.4	64.3	453	430	90	93	NNE 2	NNW 1	10	10	0.080	Dull and close.
30	29.21	29.18	58.4	61.4	55.0	65.4	454	412	93	95	S 1	NW 1	10	10	0.010	Dull and gloomy.
31	30.18	30.15	63.8	62.9	49.9	69.2	487	524	82	92	SW 2	WSW 1	10	10	—	Dull and gloomy.
Means	29.909	29.906	61.8	59.1	53.0	68.8	443	449	80.0	88.9	2.2	1.0	6.9	6.5	2.900	



## BUXTON.

Height above Mean Sea Level, 987 feet. Long. 1° 54' W. Lat. 53° 14' N.

JULY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	63.8	57.3	51.5	71.8	487	454	82	97	WNW 1	WNW 1	10	5	ins.	
2	30.17	30.11	63.8	57.3	51.5	71.8	487	454	82	97	NW 1	NW 1	0	0	—	
3	30.01	29.96	68.4	62.5	49.3	75.2	520	475	75	74	W 1	WNW 1	7	8	—	
4	29.90	29.89	68.2	60.5	49.9	75.7	500	461	73	69	E 1	SE 1	9	7	0.80	☀
5	29.91	29.93	68.0	58.3	50.9	71.6	475	439	69	91	SE 1	SE 1	8	9	2.20	☀
6	29.90	29.96	64.9	55.9	50.0	63.2	436	403	71	90	SW 1	SW 1	7	5	2.30	☀
7	29.93	29.91	57.5	60.8	48.4	67.9	439	422	93	80	SW 2	S 1	9	6	0.40	☀
8	29.93	29.97	62.2	60.0	52.3	72.7	472	446	85	87	S 1	ESE 1	6	4	3.50	☀
9	29.86	29.73	61.8	58.5	56.4	68.3	477	441	87	90	SE 1	E 1	9	7	6.00	☀
10	29.61	29.61	63.8	51.6	50.9	67.2	499	369	84	97	SE 1	SE 1	9	10	4.50	☀
11	29.68	29.75	62.3	56.9	48.9	66.2	393	375	71	81	SSW 2	SW 1	5	5	0.40	
12	29.81	29.86	59.8	58.3	48.9	67.2	344	413	67	85	SSW 2	S 2	7	7	—	☀ before ga.
13	29.84	29.82	67.2	56.5	50.0	71.9	444	409	65	89	S 2	SW 1	4	2	5.55	☀ before ga. and p.
14	29.82	29.88	61.3	56.6	47.9	68.5	386	381	73	82	SW 2	W 2	5	7	—	☀ before ga.
15	29.85	29.69	62.3	59.9	51.3	64.8	403	464	73	91	SW 2	SW 2	8	3	1.70	☀ before ga. Δ p.
16	29.62	29.62	58.8	54.9	54.4	66.1	407	348	82	81	SW 2	SW 3	8	3	—	
17	29.66	29.68	55.9	54.9	51.3	67.1	366	401	83	93	SW 3	SW 2	8	7	—	
18	29.88	29.91	56.9	57.8	49.6	64.1	351	366	77	88	S 2	NW 1	6	3	—	
19	30.07	30.10	56.9	43.4	42.3	63.2	360	270	78	96	NW 2	W 1	4	0	2.50	
20	30.00	30.08	61.0	52.4	33.8	67.3	496	382	93	97	NW 2	NW 1	4	10	—	
21	29.89	29.95	57.5	52.6	45.0	63.4	433	394	91	92	WNW 1	NW 2	10	4	2.10	
22	29.94	29.92	58.8	50.2	46.0	68.2	413	356	84	98	WNW 1	W 3	9	10	1.80	
23	29.76	29.70	57.3	51.9	50.2	67.3	399	327	85	85	NW 4	WNW 2	5	5	1.20	
24	29.64	29.72	54.4	50.4	46.9	65.1	317	331	74	91	W 1	NW 2	7	8	2.95	☀
25	29.99	30.11	54.9	46.9	45.6	57.6	283	274	66	86	NW 2	NW 1	7	2	0.80	
26	30.06	30.04	50.9	49.9	43.8	53.7	313	346	85	97	SW 2	SW 3	10	10	5.20	
27	29.79	29.03	54.9	52.9	48.4	60.7	401	365	93	91	NW 1	N 1	10	7	0.90	
28	30.13	30.04	59.0	53.1	47.9	61.2	344	384	69	95	NNE 3	SW 2	7	10	3.10	
29	30.05	30.15	56.9	57.2	51.9	61.7	447	444	97	95	NW 1	NW 1	10	10	0.20	
30	30.19	30.19	61.1	58.8	52.9	69.9	454	449	85	91	W 1	SW 1	8	6	—	
31	30.10	30.19	62.3	57.9	48.9	70.2	422	464	76	97	W 1	SW 1	9	10	—	
Means	29.910	29.914	60.4	55.3	49.1	67.0	418	388	79.5	88.8	1.6	1.5	7.2	6.3	5.090	

## HILLINGTON, NORFOLK.

Height above Mean Sea Level, 88 feet. Long. 0° 33' E. Lat. 52° 48' N.

JULY 1884.

1	30.16	30.24	72.2	60.2	52.2	80.0	—	—	—	—	S	1	S	0.5	4	2	0.52	☀ 4.30p.—4.50p.
2	29.16	30.14	71.3	60.0	48.8	82.0	—	—	—	—	S	1	S	0.5	4	0	—	Very fine and sunny.
3	30.05	29.95	76.8	64.7	48.5	88.1	—	—	—	—	E	1	E	2	0	8	—	
4	29.89	29.91	72.7	64.5	53.6	89.0	—	—	—	—	SE	1	SE	1	7	4	2.67	☀ (9.50 in. in 20 minutes) 4p.—4.40p.
5	29.91	29.95	73.8	62.7	55.1	81.5	—	—	—	—	E	1	E	0.5	6	7	9.52	☀ 4.45a.—5.30a. ☀ Δ 3.0
6	29.90	29.99	69.2	59.2	54.5	75.0	—	—	—	—	S	3	SW	1	4	2	0.37	Fine and sunny.
7	30.04	30.05	64.5	61.2	52.5	74.0	—	—	—	—	S	2	S	1	2	2	—	Cloudy.
8	29.94	29.89	73.1	66.0	54.3	84.0	—	4.57	—	72	S	0.5	S	1	3	10	—	Fine and sunny.
9	29.83	29.73	70.7	64.0	60.6	85.1	—	2.84	—	08	SE	2	SE	1	10	10	0.60	Fine and hot.
10	29.64	29.62	77.1	59.7	58.9	77.1	535	485	58	95	SE	1	SW	1	9	10	1.57	Cloudy and hot. Fine afternoon.
11	29.74	29.80	63.9	57.8	51.5	71.0	482	472	82	98	SW	4	SSW	0.5	5	10	0.80	
12	29.86	29.90	65.8	62.2	56.7	70.4	406	539	79	97	SW	2	SSW	0.5	8	10	0.04	
13	29.92	29.82	73.4	67.8	57.3	83.7	666	492	81	73	S	3	S	4	5	3	0.02	Very fine and sunny. Distant ☀ 6.30p.
14	29.92	29.89	62.8	61.4	53.2	73.4	491	422	86	78	SW	5	SW	2	4	5	—	Fine and warm.
15	29.92	29.80	67.5	61.1	51.7	71.2	494	487	74	91	SW	5	SW	2	10	8	1.10	Fine and sunny.
16	29.59	29.67	61.6	59.8	59.8	70.7	537	384	98	75	SW	1	SW	2	10	2	0.02	Fine and sunny.
17	29.72	29.84	63.3	57.5	52.0	71.5	390	385	69	82	SW	6	WSW	1	5	4	0.03	Fine and sunny, with ☀ Δ 9p.
18	29.97	30.01	62.0	51.8	50.0	67.0	389	355	71	92	WSW	4	SW	1	7	7	0.07	☀ 9p.
19	30.08	30.15	59.8	49.9	44.3	68.2	339	325	66	91	NW	2	N	0.5	7	3	0.01	☀ 8.45a.—9.50a. Δ 9p.
20	30.11	30.09	66.1	50.2	44.5	71.6	367	351	58	97	NE	0.5	NE	1	7	6	—	Very fine and sunny. ☀ 9p.
21	29.92	29.87	66.0	55.0	50.1	68.8	628	397	98	92	SW	2	NW	0.5	10	10	2.50	
22	29.97	29.91	61.0	62.7	50.2	70.8	464	505	87	89	SW	1	SW	1	10	10	—	Overcast all day.
23	29.84	29.68	64.4	57.5	57.2	68.7	475	453	79	96	SW	6	SW	2	10	9	7.50	☀ 9.45a. ☀ 3.50p.—6p. ☀ 4.15p. ☀ (2 very heavy) 7p.—8p.
24	29.68	29.70	59.6	51.7	48.0	67.2	399	357	78	93	WSW	4	WSW	1	5	10	1.50	☀ 2 4p.—4.45p.
25	29.90	30.08	59.0	51.3	48.9	63.4	369	365	74	97	NW	5	N	2	7	10	0.54	
26	30.10	30.03	57.7	51.0	40.3	62.1	373	366	79	98	NW	2	SW	1	8	10	0.80	Distant ☀ 0.50p.
27	29.78	29.93	59.0	56.7	50.5	68.5	443	425	89	81	SW	1	NE	4	10	10	—	Fine and sunny. ☀ 9p. [day. ☀ 9p.
28	30.11	30.10	62.0	56.0	55.0	67.4	418	437	76	98	NE	2	SW	2	2	8	0.87	Scotch ☀ (mist) till 9a. Overcast all ☀ (mist) before 9a. ☀ 9p.
29	30.05	30.13	59.5	55.1	54.2	65.1	479	427	96	98	SW	0.5	SW	0.5	10	8	—	
30	30.21	30.19	59.4	62.0	51.9	70.8	449	503	90	91	S	1	SW	0.5	10	10	—	
31	30.17	30.15	67.1	61.7	58.2	75.6	524	475	80	87	NW	1	NW	0.5	10	7	—	
Means	29.938	29.936	65.9	58.8	52.4	73.6	—	—	—	—	2.3	—	1.3	—	6.7	6.9	3.105	

NOTE.—The wet-bulb thermometer was out of order during the early part of this month.

## UPPINGHAM.

Height above Mean Sea Level, 484 feet. Long. 0° 44' W. Lat. 52° 35' N.

JULY 1884.

Day	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	
	ins.	ins.					in.	in.	%	%						
1	30.17	30.18	67.7	60.9	55.0	74.1	.512	.432	75	81	Why S 2	WSW 1	7	0	ins.	∞° on horizon p.
2	30.16	30.09	67.9	61.9	52.1	79.5	.499	.420	69	76	SW 1	Why S 1	3	0	—	∞° a.
3	30.03	29.95	73.1	67.0	54.7	85.1	.507	.525	63	80	SW 2	Calm 0	1	8	—	Cloudless day and very hot, with some ☀.
4	29.91	29.89	73.5	65.4	55.2	86.1	.572	.589	69	91	NE 1	S by E 1	7	10	1.08	Bright a., with ∞°. Very hot. ☀ 2.0
5	29.93	29.93	70.2	61.0	55.8	75.9	.535	.517	72	96	ESE 1	S 1	8	10	0.51	Bright a. Cloudy p. Distant ☀.
6	29.93	29.97	66.3	58.1	55.4	69.8	.518	.449	80	92	S by W 1	WSW 1	7	1	2.38	☀ 0.30p. ☀ 1.30p. ☀ 2.0
7	29.96	29.92	62.2	61.4	54.4	68.6	.478	.494	83	91	S by W 3	S by E 1	10	0	—	Day overcast. Bright from 7p. ☀ 2.0
8	29.93	29.88	63.6	61.5	53.6	80.7	.464	.450	79	99	NNW 1	SE 1	10	7	1.26	D. l. a. Very hot midday. ☀ 2.0
9	29.84	29.73	68.5	61.0	58.9	81.4	.553	.537	79	100	N by E 1	Calm 0	9	10	0.71	☀ 2a. Distant ☀ 1.30p. ☀ 2.0
10	29.63	29.63	63.5	54.9	54.9	66.0	.564	.432	96	100	S by E 1	swb. w. 2	10	10	1.103	Intense gloom. ☀ 1.30p. ☀ 2.0
11	29.73	29.74	60.1	57.6	49.9	66.4	.422	.451	81	95	SSW 3	SSE 1	7	10	0.010	Cloudy day, with ☀ showers.
12	29.83	29.83	61.7	60.2	53.1	68.0	.408	.476	74	93	SSW 1	swbys 1	9	7	0.021	
13	29.88	29.81	69.4	61.1	50.6	75.1	.498	.424	71	79	SSW 2	SSW 4	5	0	—	
14	29.89	29.90	62.6	58.5	51.6	69.4	.417	.394	74	80	swbys 6	SSW 1	8	10	—	
15	29.89	29.76	61.7	61.2	51.9	67.2	.431	.405	78	86	SSW 3	S by W 4	10	6	2.98	Dull and gloomy.
16	29.63	29.66	60.7	57.3	57.3	68.5	.395	.401	75	85	SW 3	SSW 3	8	4	—	Gloomy a.
17	29.69	29.86	61.6	56.0	52.0	67.5	.374	.378	69	84	swb. w. 4	W 1	8	6	0.022	
18	29.97	30.03	60.4	53.7	50.2	63.3	.345	.300	65	72	W 3	Why N 2	6	8	—	Sunny a. Dull p. Mackerel sky 9p
19	30.09	30.16	56.1	50.6	47.2	65.6	.328	.326	72	88	WNW 3	NNE 1	9	2	0.060	Distant ☀ 10a. ☀ 10.30a. Bright
20	30.11	30.09	59.0	53.0	49.0	72.0	.357	.355	72	88	N by W 2	N by N 1	6	4	—	Mackerel sky 9p.
21	29.91	29.92	62.3	54.8	50.5	63.7	.420	.381	76	89	NE 2	WNW 1	10	3	1.149	Dull a. Sunny from 2p.
22	29.96	29.92	62.2	62.2	51.4	68.3	.455	.484	81	87	W 1	SW 2	10	9	—	Dull a. and p. Noontide sunny.
23	29.82	29.70	60.2	54.4	54.4	62.5	.466	.410	90	97	SW 3	sw b. w. 1	10	1	5.50	☀ all day.
24	29.68	29.72	57.9	51.1	47.2	65.6	.348	.337	72	89	Why S 1	Why N 2	7	10	1.110	☀ 5p.
25	29.92	30.09	57.0	49.5	47.6	62.7	.322	.277	69	78	N by W 1	NW 2	7	0	—	Great gloom, with ☀ 2p.
26	30.09	29.89	56.0	50.4	41.3	58.5	.297	.354	66	90	S by E 1	SSW 2	10	10	1.141	
27	29.78	29.98	59.6	55.0	50.0	63.4	.423	.383	83	89	Why N 1	N 1	10	10	0.51	Dull gloomy day, with ☀ showers
28	30.13	30.08	58.3	54.1	50.1	67.9	.384	.384	78	91	NW 2	SW 2	8	10	1.100	
29	29.02	29.13	60.1	59.6	53.7	64.0	.431	.453	83	89	NW 2	Calm 0	10	10	0.012	Dull and gloomy.
30	29.20	29.19	58.9	61.9	55.8	69.4	.426	.487	85	88	E by S 1	E by N 1	10	5	—	
31	29.19	29.16	65.0	62.1	54.9	75.2	.459	.483	75	86	WNW 1	Calm 0	10	9	—	Mackerel sky 9p. ☀
Means	29.932	29.929	62.8	58.0	52.4	70.0	.438	.430	76.1	88.3	1.9	1.4	8.1	6.1	3.801	



## GELDESTON (BECCLES).

Height above Mean Sea Level, 37 feet. Long. 1° 31' E. Lat. 52° 28' N.

JULY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	74.2	61.1	53.2	76.8	436	441	51	82	SSW	1	Calm	0	3	2	ins.
2	17	30.11	70.2	60.0	53.5	76.3	441	392	60	76	SSW	1	Calm	0	0	0	—
3	30.05	29.99	71.7	60.1	49.0	70.9	457	483	58	93	E	1	Calm	0	0	1	—
4	29.95	94	70.2	61.3	51.7	80.3	531	486	71	90	Calm	0	ESE	1	10	2	0.30
5	94	93	70.5	67.2	55.1	82.0	531	564	71	85	E	1	WSW	1	2	8	10.30 a. and 6.15 p. D <sup>0</sup> 9p.
6	29.96	98	69.0	61.3	59.4	74.6	402	427	56	79	SW	1	SW	1	2	1	—
7	30.01	98	65.2	59.9	54.8	74.9	416	396	67	77	SW	2	SE	1	9	1	—
8	29.95	93	73.4	65.7	56.0	80.2	524	468	63	74	SE	1	E	1	1	8	—
9	87	76	75.0	64.4	60.3	79.0	501	547	57	91	SSE	1	E	1	9	10	0.60 K <sup>0</sup> 6.30 p.—7.30 p. <
10	67	64	74.2	65.1	59.0	77.2	501	449	59	73	SSE	1	SW	1	7	10	0.10
11	77	83	64.2	61.8	52.8	72.0	377	451	62	82	WSW	1	SSE	1	3	10	0.30
12	83	93	70.1	61.3	56.8	74.6	394	501	53	93	SW	1	SE	1	3	9	0.80
13	95	85	66.9	68.2	57.8	80.8	587	565	89	82	SE	1	SSW	2	7	7	0.0 9p. 0.0 9a. < 0 9p.
14	94	93	65.4	65.0	54.7	75.0	409	433	66	71	WSW	2	SW	2	6	7	—
15	94	85	68.0	62.2	56.2	74.0	408	481	59	86	WSW	2	SSW	1	4	8	—
16	69	70	70.2	60.6	60.1	73.9	502	358	68	68	SW	2	SW	1	10	0	0.0 5p. 0.0 8.10 a. and 9a.
17	75	29.85	63.2	60.6	51.8	72.1	385	445	66	84	SW	2	SSW	1	9	7	—
18	29.99	30.03	64.6	54.0	49.3	69.0	361	388	59	93	WSW	3	WSW	1	7	10	0.20 squalls 5p. and 8.30 p.
19	30.07	17	56.0	52.1	46.5	61.8	402	357	89	91	WNW	1	Calm	0	7	1	0.80 8.30 a. and 11a. K <sup>0</sup> 0 to E. 1p.
20	30.12	30.10	64.0	57.1	42.8	68.4	379	396	63	84	E	1	E	1	7	10	0.20
21	29.95	29.88	65.2	56.6	42.7	66.7	469	438	76	95	SSW	2	Calm	0	8	0	0.350 2 1p.—3.30 p. 3.30 9p.
22	99	94	60.9	63.5	51.1	70.0	438	516	82	88	W	1	S	1	10	9	—
23	88	71	67.3	63.1	59.8	70.3	492	413	73	71	SW	2	SW	2	9	10	0.0 after 9p.
24	71	29.72	62.0	55.0	50.0	69.0	367	397	66	92	WSW	2	Calm	0	8	7	0.50 11.45 a. K <sup>0</sup> p. < 9p.
25	29.88	30.07	60.7	54.1	48.3	64.7	352	328	66	79	NNW	2	WNW	1	9	10	—
26	30.11	29.97	57.1	55.2	44.9	64.4	326	350	70	81	W	1	S	1	2	10	0.90 0.0 0.40 p.
27	29.78	29.90	59.2	58.0	52.1	67.0	428	393	86	81	WNW	1	N	1	10	10	0.120 0.0 p.
28	30.07	30.11	61.1	56.8	54.3	64.9	409	405	76	87	N	2	Calm	0	9	8	0.60 0.0 9a. D <sup>0</sup> 9p.
29	01	11	58.2	57.2	55.2	63.5	473	431	98	92	Calm	0	N	1	10	10	—
30	20	20	60.1	60.2	53.7	66.2	422	476	81	92	E	1	S	1	10	10	—
31	30.17	30.16	69.2	61.9	57.2	74.6	515	509	72	93	W	1	Calm	0	10	5	—
Means	29.954	29.950	66.0	60.3	53.2	72.4	440	441	68.8	84.0	1.3	0.8	6.5	6.5	1.750		

## CHELTENHAM.

Height above Mean Sea Level, 184 feet. Long. 2° 3' W. Lat. 51° 54' N.

JULY 1884.

1	30°20	30°20	62°6	55°6	55°6	70°3	*475	*436	84	99	SW	1	Calm	0	4	0	—	Fine and bright.
2	18	30°10	64°8	56°1	46°5	76°2	*528	*447	86	99	Calm	0	SW	1	1	1	—	Fine and bright.
3	30°00	29°95	73°6	61°2	48°8	74°5	*582	*509	71	95	SE	2	Calm	0	8	7	*110	Fine day, but ☉ <sup>0</sup> shower at noon.
4	29°90	91	68°4	63°2	53°8	74°0	*558	*492	81	85	S	1	S	1	5	7	*110	☉ <sup>2</sup> shower at noon.
5	90	29°93	67°3	62°1	53°6	69°4	*531	*477	80	86	S	1	S	2	6	5	*160	☉ <sup>2</sup> in afternoon.
6	94	30°00	61°6	61°3	53°5	69°1	*454	*464	83	86	Calm	0	S	1	9	8	*030	Fine afternoon, but T at 3p.
7	95	29°90	62°5	60°5	58°3	70°8	*492	*500	87	95	S	2	SE	1	5	5	—	Fine and bright.
8	90	87	68°5	65°6	58°3	77°2	*578	*498	84	80	S	2	SW	2	5	10	—	Bright day.
9	84	71	64°5	61°3	56°4	72°4	*475	*526	79	97	Calm	0	Calm	0	9	1	*120	☉ showers all day.
10	61	65	63°8	58°6	57°8	66°4	*516	*446	87	91	S	2	S	1	10	9	*160	☉ showers.
11	71	71	61°7	61°0	49°4	67°4	*424	*492	78	92	S	2	S	5	5	9	*010	
12	81	86	60°8	63°0	54°3	65°5	*470	*509	88	89	S	2	S	6	10	8	*110	Dull, with ☉ all day.
13	83	86	69°8	60°5	59°5	74°5	*611	*456	84	87	SE	3	SW	2	5	5	0.50	
14	89	92	63°8	58°8	53°8	68°8	*524	*433	88	88	S	2	S	2	5	6	*020	Very fine.
15	88	71	64°8	62°6	55°5	67°0	*518	*528	85	93	SW	6	S	7	8	1	*660	Squally ☉. ☉ <sup>2</sup> at night.
16	63	70	62°0	58°7	57°6	69°3	*465	*456	84	93	SW	1	S	2	9	9	*110	☉ <sup>2</sup> early a. Very fine day.
17	29°72	29°91	61°9	60°6	55°8	68°3	*449	*459	82	87	SW	3	W	1	5	8	*200	Fine morning. ☉ <sup>2</sup> 1.30p.
18	30°02	30°08	60°0	56°5	54°3	63°5	*419	*370	81	81	W	2	W	2	5	10	*050	☉ showers.
19	15	17	57°6	52°4	44°8	68°0	*382	*361	81	91	NW	1	Calm	0	5	2	*010	A splendid day.
20	30°12	30°09	61°0	56°9	46°5	70°0	*394	*421	74	91	NW	1	Calm	0	2	8	—	Very bright and fine.
21	29°93	29°94	59°5	60°8	56°1	69°0	*464	*494	92	93	SW	1	Calm	0	10	3	*010	Very bright.
22	99	96	63°8	62°2	55°5	70°7	*498	*531	84	95	SW	4	SW	3	9	9	*070	Fine and bright.
23	82	75	59°5	55°2	55°2	62°8	*472	*400	93	92	S	2	SW	3	10	0	*330	☉ <sup>2</sup> all day.
24	70	29°77	58°4	55°8	50°5	65°4	394	*416	80	93	W	5	W	3	9	9	1.00	K at night.
25	29°96	30°18	56°2	41°5	41°5	61°8	399	262	88	100	N	3	N	1	9	0	*120	K
26	30°11	29°85	53°0	54°8	39°5	58°6	*385	*418	96	97	S	2	S	4	10	10	*190	☉ all day.
27	29°82	30°01	59°2	58°2	52°5	65°0	*416	*443	83	91	W	2	NW	1	9	9	*060	☉ showers all day. T
28	30°15	08	59°0	56°8	52°6	64°0	*416	*456	84	98	SW	1	Calm	0	6	10	*140	☉ showers all day.
29	06	14	61°9	61°0	56°5	67°8	*526	*533	86	99	W	4	Calm	0	9	10	*050	☉ showers.
30	20	19	63°2	58°0	55°8	71°0	*505	*479	88	99	W	1	Calm	0	9	6	—	Very fine and sultry.
31	30°20	30°15	64°2	57°5	54°3	73°0	*479	*464	80	98	S	1	Calm	0	5	3	—	Beautiful day.
Means	29°939	29°942	62°6	58°7	53°0	68°8	*477	*457	83°9	92°3	1°9	1°6	7°0	6°1	3°000			

JULY 1884.

## CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long. 4° 18' W. Lat. 51° 52' N.

JULY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	61.7	64.7	54.3	67.2	in. .439	in. .353	% 81	% 57	SW	4	S	2	6	2	ins.
2	20	30.09	63.7	62.5	55.0	71.1	.379	.406	64	73	E	1	SW	1	1	4	—
3	30.02	29.95	67.4	64.5	54.8	75.2	.436	.454	64	75	S	2	S	4	8	8	.260
4	29.90	.90	67.5	60.1	58.6	71.4	.469	.475	70	92	SW	1	SE	1	6	8	.210
5	93	.93	65.1	59.7	58.9	70.3	.464	.451	76	89	S	4	E	2	8	6	—
6	98	.95	63.5	59.4	54.0	64.0	.495	.449	80	90	SW	4	SW	2	6	8	1.070
7	87	.89	60.5	57.0	44.5	66.2	.511	.419	97	90	SW	5	SW	2	10	8	.160
8	93	.90	63.9	57.9	51.9	68.6	.421	.391	71	82	SE	4	W	4	6	6	—
9	85	.71	64.4	59.9	47.4	67.6	.386	.424	63	83	S	2	SE	1	2	8	.030
10	57	.64	58.5	55.6	53.8	65.4	.462	.388	95	87	SE	4	SW	2	10	8	.240
11	68	.65	60.9	57.4	54.0	65.7	.375	.424	71	90	S	4	SW	4	4	6	.370
12	75	.79	60.9	59.2	57.4	68.1	.424	.436	80	88	SE	3	SE	1	8	10	.490
13	74	.80	65.3	59.2	58.3	70.5	.543	.436	88	88	E	3	SW	3	8	4	.200
14	82	.87	62.4	58.7	57.4	65.1	.451	.453	80	92	SW	6	SW	1	8	8	.150
15	79	.61	60.2	61.4	57.3	63.2	.501	.531	97	98	S	2	S	4	10	10	.380
16	60	.65	61.9	57.2	56.6	65.0	.394	.400	72	85	SW	6	SW	3	6	2	.200
17	29.71	.29.95	59.1	53.0	52.8	66.6	.412	.382	82	95	W	2	Calm	0	8	2	.020
18	30.03	30.08	56.1	53.3	50.6	62.9	.393	.362	87	89	SW	2	W	1	7	2	—
19	16	.14	61.1	53.8	47.0	64.3	.307	.331	58	79	W	1	Calm	0	4	10	—
20	30.10	30.06	61.3	55.8	51.9	69.8	.386	.339	73	75	E	1	Calm	0	8	10	.060
21	29.91	29.98	62.0	58.7	53.3	67.8	.489	.453	89	92	W	1	W	1	10	3	.040
22	.99	.96	61.6	59.9	54.9	65.8	.505	.496	92	97	W	2	SW	2	10	10	.340
23	79	.76	59.3	55.4	54.6	62.7	.457	.409	91	93	SW	3	SW	1	10	8	.360
24	29.72	29.79	59.2	53.6	51.2	63.0	.357	.333	71	80	W	4	W	2	6	0	.100
25	30.04	30.15	57.1	49.8	49.7	61.4	.329	.309	71	86	N	4	Calm	0	7	6	.110
26	30.06	29.85	54.6	55.9	46.1	61.0	.342	.424	80	95	SW	3	Calm	0	10	10	.450
27	29.86	30.08	57.9	54.3	53.7	64.2	.407	.386	85	92	N	1	Calm	0	8	0	.020
28	30.16	.06	58.9	59.1	49.6	59.9	.400	.491	81	98	Calm	0	W	1	10	5	.290
29	.10	.16	63.3	62.9	57.8	72.2	.500	.487	86	85	Calm	0	Calm	0	10	10	—
30	.20	.22	67.9	58.5	58.0	71.8	.449	.441	65	90	W	1	W	1	8	8	—
31	30.21	30.13	63.3	58.1	54.1	70.5	.449	.446	78	92	SW	1	N	1	8	4	—
Means	29.931	29.932	61.6	58.0	53.5	66.7	.439	.419	78.6	87.0	2.6		1.5	7.5	6.3	5.550	



## MARGATE.

Height above Mean Sea Level, 83 feet. Long. 1° 24' E. Lat. 51° 24' N.

JULY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	68°0	59°0	54°1	70°5	in.	in.	90	90	SSW 1	SE 1	4	0	ins.	
2	30°22	30°22	68°0	59°0	54°1	70°5	496	470	73	95	SSW 1	SE 1	4	0	ins.	
3	30°05	29°08	70°0	61°0	52°8	76°8	498	470	73	95	SE 1	E 1	0	2	—	☐
4	29°04	29°05	74°5	65°2	59°2	78°8	494	492	58	80	SE 0.5	SE 1	4	8	0.30	☐
5	29°04	29°06	69°8	64°1	62°9	79°8	570	580	78	97	SW 2	SW 1	7	10	1.40	☐
6	29°09	30°03	66°9	58°6	56°2	71°0	462	407	71	83	SSW 3	SW 3	7	0	—	☐
7	30°02	29°09	69°4	62°0	53°6	77°1	399	424	55	77	SSW 2	SE 1	8	0	—	☐
8	29°02	29°02	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
9	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
10	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
11	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
12	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
13	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
14	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
15	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
16	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
17	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
18	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
19	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
20	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
21	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
22	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
23	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
24	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
25	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
26	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
27	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
28	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
29	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
30	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
31	29°03	29°03	77°2	65°3	60°0	80°8	470	446	51	73	SE 1	SE 1	1	1	—	☐
Means	29°07	29°08	65°9	60°3	55°2	71°6	444	441	70°2	84°3	1°8	1°5	6°6	5°6	1°370	

## SOUTHAMPTON.

Height above Mean Sea Level, 78 feet. Long. 1° 24' W. Lat. 50° 55' N.

JULY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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	30°22	30°23	63°7	58°7	57°2	70°6	457	435	77	88	S 2	SW 1	9	1	—	Beautiful day throughout. [grass sp.
2	30°19	30°10	66°9	61°9	48°9	75°9	449	456	68	82	ESE 1.5	Calm 0	7	0	—	Very warm and beautiful. ☐ on
3	30°03	29°06	71°8	64°9	52°8	78°6	543	477	69	68	SSE 2	SSE 0.5	3	5	—	Beautiful day and very warm.
4	29°01	29°03	71°8	64°9	52°8	78°6	543	477	69	78	S 1	SW 0.5	7	10	—	Fine, but very close.
5	29°03	29°05	66°5	61°7	60°6	67°4	512	477	79	87	S 2	SW 2.5	10	10	0.90	Dull and close a. < after 9.30p.
6	29°08	30°02	62°4	60°7	54°9	68°9	479	477	85	91	SW 1.5	SW 1.5	7	1	2.85	☐ 9.40a.—10.30a. Day afterwards fine and pleasant.
7	30°00	29°04	67°1	61°9	57°9	71°5	470	480	71	87	S 2.5	SSE 2	9	1	0.13	Beautiful day throughout.
8	29°01	29°01	66°4	64°8	58°3	79°3	508	484	79	80	NE 0.5	SW 2	6	10	0.12	Beautiful day.
9	29°04	29°04	64°9	61°7	58°9	72°7	546	495	89	91	SSW 0.5	SW 0.5	10	1	0.03	Fine and pleasant from 2.30p.
10	29°06	29°06	63°0	57°2	56°9	66°8	452	406	70	87	SW 2	SW 2	10	2	0.125	Evening fine and pleasant.
11	29°07	29°07	62°3	60°9	54°8	67°6	398	491	71	93	SW 3	S 2.5	0	10	4.50	Beautiful morning. ☐ p.
12	29°06	29°06	61°8	62°7	56°2	67°0	490	508	89	89	S 1.5	SE 2	10	7	0.250	Fine and pleasant from 3p. < in E. 10p.
13	29°07	29°07	72°1	59°7	59°7	76°0	556	457	71	90	SE 4	SW 3	3	0	0.37	Very warm, with pleasant breeze a. [☐ on grass n.
14	29°08	29°08	61°7	60°0	56°7	67°7	456	409	83	91	SW 4	SW 3	10	10	1.43	
15	29°06	29°06	61°0	63°5	58°2	65°3	513	499	96	83	SW 3.5	S 4.5	10	9	0.303	Fine evening.
16	29°07	29°07	60°2	57°7	57°4	66°6	466	412	90	86	SW 2.5	SW 2.5	10	2	0.019	☐ early a. Day fine and dry. Evening cool.
17	29°07	29°07	61°3	57°8	56°1	68°8	457	389	84	81	SW 2.5	WNW 0.5	9	0	0.020	
18	30°07	30°12	64°0	56°8	51°6	67°5	374	405	63	87	W 3	SW 1.5	9	10	—	[grass sp.
19	29°16	29°16	60°7	57°7	50°2	70°1	394	400	69	84	WNW 3	SW 1.5	3	5	—	Beautiful day throughout. ☐ on
20	30°12	30°11	58°9	60°7	54°1	71°8	435	453	87	86	NE 1	SW 2	10	7	—	Morning dull and gloomy.
21	29°06	29°07	61°9	61°8	59°3	70°6	480	485	84	88	SW 2	W 2	10	7	—	Pleasant p.
22	30°05	30°02	65°8	62°0	59°0	70°0	483	504	77	91	SW 2	SW 2.5	10	10	—	Overcast evening. [after op.
23	29°02	29°02	60°4	57°9	57°7	67°3	466	450	90	94	SW 3	W 1.5	10	2	0.45	Evening fine and pleasant. ☐ in SE.
24	29°08	29°08	63°0	56°0	50°0	68°5	403	375	70	83	SW 2.5	W 2	10	4	0.098	T ☐ 11.30a. T 1p.—2p. ☐ 2.30p. ☐ after 9.30p.
25	29°04	29°04	61°9	55°0	50°2	66°1	409	342	74	79	NNW 2.5	NNW 1.5	5	1	0.014	Beautiful morning.
26	30°17	29°09	55°8	55°6	44°4	62°2	360	428	80	97	SW 1	SSW 5	10	10	1.55	Overcast and cool a.
27	29°06	29°06	59°0	58°2	55°0	68°3	458	445	92	91	WNW 1	NW 1	10	9	0.020	
28	30°15	30°13	62°5	57°0	51°6	69°3	415	446	73	96	NW 1.5	SW 1	10	10	1.003	Beautiful morning. ☐ from 4p.
29	29°08	29°08	68°2	65°9	56°9	74°0	524	570	76	90	WNW 1.5	NW 0.5	10	10	0.003	Day fine, but close.
30	29°21	29°21	66°0	61°8	61°6	73°4	547	482	86	87	Calm 0	SW 1.5	10	9	—	Dull and close.
31	30°22	30°16	58°0	63°8	56°0	74°5	454	515	94	88	SW 1	Calm 0	10	4	—	☐ early a. ☐ on grass sp. Day fine and warm.
Means	29°07	29°07	63°6	60°3	55°5	70°4	466	455	79°5	86°9	2°0	1°7	8°6	5°7	2°104	

## ST. LEONARDS.

Height above Mean Sea Level, 116 feet. Long. 0° 33' E. Lat. 50° 51' N.

JULY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	58°8	58°6	55°2	61°8	in.	in.	90	90	SSW 2	W 1	10	0	ins.	Overcast till 10a. Fine p.
2	30°24	30°22	62°4	63°6	53°7	66°8	451	419	83	85	SSE 1	Calm 0	0	0	—	Very fine all day.
3	29°04	29°06	70°4	67°9	56°1	76°0	553	411	48	60	SE 1	ESE 2	1	7	—	Very fine during day.
4	29°05	29°05	69°9	64°2	63°5	71°2	516	509	70	85	ESE 1	Calm 0	1	9	0.025	Very fine during day. Overcast at night.
5	29°06	29°08	65°7	61°6	60°4	70°9	487	496	77	91	SSW 2	SSW 1	4	7	0.008	☐ early a.
6	30°02	30°06	61°7	58°7	58°6	63°3	453	429	82	88	SW 4	WNW 2	3	0	—	Fine day.
7	30°04	29°06	62°9	63°0	56°7	68°3	438	434	76	76	ESE 2	ESE 2	5	0	—	Fine afternoon.
8	29°03	29°03	69°3	65°0	60°6	76°0	493	504	84	82	ESE 2	WSW 3	1	10	—	Very fine till noon.
9	29°02	29°02	76°1	63°1	62°6	74°7	517	479	63	83	SSE 1	E 1	5	5	1.132	
10	29°05	29°05	65°1	56°8	56°2	66°2	533	402	83	87	WSW 3	WSW 3	8	10	1.180	☐ in afternoon.
11	29°03	29°03	69°3	65°0	60°6	76°0	493	504	84	82	ESE 2	ESE 2	1	10	2.225	
12	29°01	29°01	61°5	62°8	60°1	66°8	483	493	89	86	S 3	E 1	10	3	0.031	
13	29°03	29°04	68°9	62°7	59°6	74°5	572	466	81	82	ESE 3	W 4	7	0	0.030	☐ noon. < in SE. at night.
14	30°03	30°02	62°9	61°6	57°1	66°0	460	481	80	88	WSW 4	SW 2	2	10	1.116	
15	30°00	29°06	63°0	62°3	59°8	66°6	523	490	91	87	SW 3	SE 1	10	9	0.021	Overcast, with ☐ showers.
16	29°06	29°06	62°0	59°9	59°1	65°0	510	402	92	78	SW 3	WSW 4	10	10	0.022	
17	29°02	29°04	60°5	59°1	58°3	65°1	446	451	85	90	SW 3	W 3	10	0	—	
18	30°07	30°09	63°8	58°6	52°5	65°2	361	416	61	85	WSW 4	WSW 4	4	10	—	
19	29°13	29°18	61°6	56°8	52°4	66°2	340	307	62	86	W 3	W 2	7	0	—	
20	29°14	29°11	60°7	59°5	53°4	64°8	412	421	79	83	S 2	ESE 1	9	4	—	
21	29°00	29°03	59°8	62°7	57°5	66°8	479	488	93	86	SW 4	NW 1	10	7	—	Overcast till 2p.
22	30°05	30°04	64°0	59°8	56°6	65°7	492	498	82	97	SW 3	SW 4	3	10	—	
23	29°06	29°09	59°7	59°5	57°9	65°7	455	407	89	92	SW 4	W 3	10	10	0.071	Barometer rising after 7p. < at night.
24	29°08	29°08	58°5	57°5	51°0	63°3	397	402	80	85	WSW 5	W 5	9	7	0.036	☐ 10p.
25	29°02	30°11	62°3	54°7	50°1	60°1	342	366	61	86	NW 3	Calm 0	5	9	0.300	☐ 2° 2' Δ 1.40p.—2.30p.
26	30°17	30°00	58°7	57°2	46°7	60°2	207	342	60	73	W 2	SW 6	4	10	0.062	☐ (moderate gale) before 11p.
27	29°03	29°04	61°1	57°7	54°7	62°8	432	400	80	84	W 2	NW 3	9	7	0.330	☐ 1.30p.—2.30p.
28	30°11	30°14	61°5	58°4	54°9	68°3	375	436	69	89	NNW 4	NW 2	3	10	0.021	☐ in afternoon.
29	29°07	29°13	62°0	64°4	57°0	69°4	499	530	80	88	W 2	Calm 0	10	10	0.041	Overcast all day. Close and gloomy p.
30	29°22	29°22	62°9	62°7	60°1	67°1	485	494	85	87	Calm 0	Calm 0	9	2	—	Overcast till 1p.
31	30°22	30°17	65°1	63°6	58°5	68°8	480	479	78	81	S 1	Calm 0	7	4	—	
Means	29°092	29°088	63°2	60°8	56°6	67°1	450	445	77°7	83°7	2°6	2°0	6°0	6°1	1°081	



## BABBACOMBE.

Height above Mean Sea Level, 293 feet. Long. 3° 31' W. Lat. 50° 29' N.

JULY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	62.2	58.0	49.1	68.6	in.	in.	%	%	SW 2	WNW 1	5	1	ins.	D <sup>2</sup> n. D <sup>2</sup> (mist) p.
2	19	30.10	61.8	58.7	51.2	66.6	4.25	4.60	78	95	NE 1	NNE 2	1	5	0.00	D <sup>2</sup> n. and p. (mist) a. Fine day.
3	30.02	29.96	64.3	59.3	57.0	65.7	4.73	4.65	79	93	NE 2	ENE 1	4	3	0.10	D <sup>2</sup> p.
4	29.92	29.92	67.4	60.7	57.0	71.6	4.96	4.77	74	91	S 3	S 2	5	10	0.40	D <sup>2</sup> p.
5	29.92	29.94	65.8	59.7	57.5	70.2	5.01	4.47	80	88	S 3	S 1	5	7	0.70	D <sup>2</sup> p.
6	29.98	30.02	64.5	59.7	52.8	69.7	4.27	4.47	71	88	SW 3	S 3	7	5	—	D <sup>2</sup> p.
7	29.92	29.92	61.2	59.7	58.5	67.7	4.73	4.79	88	94	S 4	S 1	9	10	1.70	—
8	29.92	29.92	63.5	57.8	55.0	70.2	4.54	3.99	78	83	NNE 1	W 1	5	8	—	—
9	29.85	29.73	60.2	57.8	49.0	66.0	3.69	4.12	71	86	NNE 1	ESE 1	10	7	0.70	—
10	29.60	29.70	61.2	56.7	56.0	68.2	4.89	3.86	91	84	SW 3	SW 2	7	4	0.30	—
11	29.72	29.73	62.2	57.7	50.5	64.7	4.41	4.31	79	90	SSE 3	SSW 3	9	6	0.70	—
12	29.81	29.85	58.3	59.7	51.5	64.2	4.80	4.70	99	94	SSE 3	S 2	10	9	1.50	—
13	29.84	29.92	61.2	58.8	58.0	68.7	4.85	4.46	91	90	SSE 3	SW 3	10	7	2.90	—
14	29.94	29.98	60.8	58.2	55.5	67.5	4.92	4.36	93	90	S 5	SSW 2	9	8	1.90	Squally before 9a.
15	29.90	29.75	59.3	61.3	57.5	63.7	4.98	5.18	99	96	S 5	SSW 3	10	10	3.30	Dull, with ☉ after 7a. Squally p.
16	29.71	29.76	59.8	57.8	54.0	66.0	3.86	4.15	75	86	SW 4	SSW 4	7	8	—	—
17	29.78	30.01	62.8	56.8	55.0	68.7	3.93	3.82	69	83	SW 5	WSW 5	6	0	0.10	D <sup>2</sup> n. and p.
18	30.11	30.16	59.8	54.8	51.5	62.2	3.01	3.55	70	83	WSW 3	WSW 3	5	5	0.10	—
19	29.21	29.19	59.7	56.0	50.5	63.7	3.38	4.22	66	91	WNW 1	SSW 2	7	8	0.30	D <sup>2</sup> in past n.
20	30.11	30.12	60.8	59.4	55.0	64.3	4.72	4.64	89	93	ESE 1	SW 1	8	6	0.90	D <sup>2</sup> p.
21	29.97	29.94	67.7	59.8	56.0	70.7	5.26	4.47	78	87	W 4	W 2	8	4	—	—
22	30.06	30.04	65.7	60.3	56.0	70.7	5.20	5.16	83	99	SW 3	SW 3	7	9	0.10	—
23	29.91	29.85	58.7	53.9	53.9	61.7	4.59	3.52	94	85	SSW 3	WSW 2	10	5	1.40	—
24	29.82	29.88	54.3	54.8	52.0	65.2	3.51	3.81	83	89	WSW 4	WSW 3	10	3	0.80	—
25	30.03	30.21	61.7	52.3	51.0	64.7	3.42	3.08	62	79	NW 4	NW 2	3	3	—	—
26	30.16	29.94	56.2	55.3	47.0	57.7	3.64	4.01	81	92	SSW 3	SW 3	10	9	2.20	—
27	29.89	30.06	57.7	56.8	53.0	65.3	3.88	4.07	82	88	W 2	NW 3	9	4	1.00	—
28	30.18	30.14	63.3	58.2	53.0	64.7	4.13	4.07	72	96	NNE 1	SW 3	4	9	0.20	—
29	29.13	29.19	65.3	59.3	58.0	73.2	5.09	4.34	83	87	NW 2	W 2	9	4	—	—
30	29.23	29.23	67.7	61.3	54.3	73.2	5.24	4.24	78	79	NE 1	NNW 1	4	6	—	—
31	30.22	30.18	65.4	61.7	54.0	71.7	4.61	4.51	74	83	ENE 1	SE 1	4	6	—	—
Means	29.977	29.989	62.0	58.1	53.9	67.0	4.42	4.30	80.1	88.6	2.7	2.2	7.0	6.1	2.730	—

## ST. AUBIN'S, JERSEY.

Height above Mean Sea Level, 139 feet. Long. 2° 10' W. Lat. 49° 11' N.

JULY 1884.

1	30.27	30.25	62.2	62.0	58.0	71.1	4.84	4.56	87	82	Calm 0	NE 1	10	0	—	Extremely fine day. [August last-]
2	29.21	30.11	72.0	63.5	58.7	77.1	5.14	4.28	65	73	E by N 1	E by N 2	3	0	0.00	Extremely fine day. Hottest day since
3	30.04	29.99	69.0	61.0	60.7	76.1	4.74	4.87	66	91	Calm 0	NW 2	10	4	0.40	7 <sup>0</sup> 9 <sup>0</sup> a. Calm and hot. Very cloudy.
4	29.99	29.97	66.2	65.5	58.0	68.8	4.93	4.71	77	75	SW 2	SW 2	9	10	—	Very cloudy and warm.
5	29.98	30.01	65.0	60.3	59.4	66.1	5.10	4.71	83	90	SW 2	Calm 0	8	7	—	Very cloudy. ☉ p.
6	30.09	30.11	63.8	60.0	57.0	70.9	4.49	4.44	76	85	SW 3	Calm 0	1	1	—	Extremely fine. ☉ p. [cast p.]
7	30.05	29.96	66.1	66.2	58.0	70.0	4.95	4.93	77	77	SE 2	Calm 0	2	9	0.05	Extremely fine a. Cloudy and over-
8	29.95	29.96	70.5	61.5	58.5	75.3	4.65	4.63	62	85	Calm 0	NW 2	1	10	—	Extremely fine a. Gloomy p. Distant ☉ p.
9	29.88	29.77	62.0	62.0	58.9	68.8	4.46	4.81	82	87	NE 1	NE 1	10	8	0.70	Gloomy and very cloudy. ☉ 11 p.
10	29.70	29.86	60.5	56.4	56.1	65.2	5.10	4.16	97	92	W 2	SW 1	10	5	0.90	Very cloudy. ☉ 6.40 p.
11	29.81	29.84	59.0	62.4	55.4	65.0	4.52	4.82	91	86	S 2	SW 2	10	10	0.05	Gloomy p.
12	29.88	29.93	62.4	65.2	58.6	70.6	5.35	5.14	94	83	SE 1	Calm 0	10	9	0.63	Gloomy. ☉ <sup>2</sup> in S.E. p.
13	29.88	30.02	67.1	58.4	58.0	73.0	5.47	4.39	82	92	E 1	NW 1	9	3	0.03	Gloomy.
14	30.07	30.07	66.0	62.5	57.3	71.9	4.74	4.87	75	86	S 2	W 1	6	9	0.41	Fine a. Very cloudy with ☉ p.
15	30.03	29.88	65.4	64.2	60.2	68.0	5.38	5.09	86	85	Calm 0	Calm 0	9	4	2.75	☉ showers all day. Gloomy.
16	29.83	29.86	62.8	56.5	59.5	67.5	5.07	4.12	88	90	SW 2	Calm 0	7	3	2.20	Very cloudy. ☉ p.
17	29.88	30.07	61.0	58.0	56.0	67.8	4.70	4.42	88	91	WSW 2	W 1	9	0	—	Very fine from 11a. ☉ p.
18	30.18	30.21	65.2	58.2	55.1	67.9	4.50	4.18	73	86	W by S 3	W 1	4	9	0.12	☉ a. Very fine a. ☉ p.
19	29.25	29.27	62.0	57.9	54.7	67.7	4.13	4.28	75	89	NW 2	SW 1	10	10	0.57	Very cloudy.
20	29.17	29.16	61.0	59.2	57.0	67.0	5.53	4.74	94	95	SW 2	NW 1	10	10	2.30	Day gloomy. Fine evening. ☉
21	29.07	29.11	62.0	60.2	58.4	64.7	5.42	4.92	95	95	SW 3	NW 2	10	10	3.08	Sunless day.
22	29.15	30.14	64.2	60.4	59.0	67.9	5.36	4.82	89	93	WSW 2	W 1	9	10	0.99	☉ a. Gloomy.
23	30.01	29.91	63.5	59.0	58.4	66.5	4.99	4.97	85	94	SW 2	W by N 1	9	10	0.04	Gloomy day.
24	29.04	29.98	62.0	57.5	55.0	66.8	4.27	4.05	77	85	WSW 4	W 3	7	6	0.35	—
25	30.05	30.23	62.2	55.2	55.2	66.2	4.30	3.65	77	84	NW 2	NW 1	6	2	—	—
26	30.26	30.05	58.2	57.3	50.8	62.2	3.45	4.46	71	95	W by S 1	SW 4	10	10	3.30	Fine early a. Overcast with ☉ p.
27	29.98	29.07	59.0	57.8	56.2	62.7	4.55	4.24	92	88	W 2	NW 2	10	0	1.20	☉ <sup>2</sup> showers a. Fine evening. ☉
28	30.21	29.24	66.4	59.3	54.8	68.7	4.82	4.54	75	90	N 2	W 1	5	10	1.40	☉ a. Very fine a. Overcast p.
29	29.19	29.22	62.5	61.5	57.5	66.3	5.27	4.70	93	86	W by N 2	NW 1	10	10	—	Gloomy day.
30	29.26	29.27	69.5	59.5	58.8	72.8	5.06	4.29	70	85	NW 1	Calm 0	4	3	—	Extremely fine from 9a. ☉ p.
31	30.24	30.18	70.8	65.5	57.1	79.2	5.04	4.71	67	75	NE 1	NE 2	2	1	—	Extremely fine day.
Means	30.048	30.054	64.2	60.5	57.2	69.2	4.83	4.55	81.0	86.7	1.7	1.2	7.4	6.2	1.823	—

Earth temperature: Mean of 10 readings (taken every third day) at 1 foot 67.2°, 3 feet 64.0°, 6 feet 59.0°.

## LONDONDERRY.

Height above Mean Sea Level, 93 feet. Long. 7° 19' W. Lat. 55° 0' N.

JULY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	58.2	56.5	53.3	69.3	in.	in.	%	%	E	E	1	2	ins.	
2	30.19	30.10	67.2	62.5	49.2	74.0	4.78	4.40	72	71	NE	ESE	2	4	—	
3	29.98	29.92	62.2	60.7	55.3	74.8	3.81	5.11	68	97	S	N	1	10	10	☉ <sup>2</sup> showers 6.30p.
4	29.88	29.85	67.7	62.1	56.2	77.7	5.03	4.83	74	86	E	NE	1	7	—	
5	29.87	29.91	65.0	60.5	57.0	72.8	4.84	4.43	79	84	SE	SE	1	10	2	0.30
6	29.86	29.80	67.7	59.7	54.2	71.0	4.72	4.83	70	95	N	SE	1	3	3	0.70
7	29.68	29.78	67.7	57.9	57.0	70.0	5.36	4.68	79	98	SE	S	1	6	10	2.20
8	29.87	29.88	63.7	55.8	52.7	71.2	3.53	3.65	60	81	S	S	1	4	2	Fine during day. ☉ p.
9	29.80	29.67	60.7	59.4	50.0	72.5	4.56	4.00	86	79	S	S	1	4	2	Fine and hot all day.
10	29.55	29.54	67.2	58.4	54.5	67.2	4.34	4.73	65	97	S	S	1	4	10	Fine all day. Overcast evening.
11	29.57	29.58	60.5	57.3	54.0	71.2	4.14	3.85	79	81	SW	S	1	10	10	0.40
12	29.68	29.71	64.7	59.1	53.0	71.0	4.00	4.15	66	83	S	S	1	4	10	2.40
13	29.66	29.61	67.7	56.7	54.8	71.1	4.72	4.06	79	88	S	SW	2	7	8	—
14	29.57	29.64	60.7	50.7	53.8	68.0	4.26	3.78	80	82	S	SW	2	7	8	< in East p.
15	29.68	29.42	61.2	59.3	53.0	67.0	4.20	4.01	78	79	S	SW	3	8	2	0.70
16	29.32	29.39	59.7	55.2	50.3	64.2	3.70	3.98	72	91	SW	S	4	10	10	Fine till 3 p., then ☉.
17	29.63	29.80	61.7	53.5	52.0	64.0	3.73	3.70	68	90	SW	WSW	3	5	10	1.20
18	29.90	29.05	53.9	51.2	48.8	60.5	3.31	3.19	80	84	W	W	2	7	9	3.10
19	30.19	29.23	57.7	49.5	44.9	61.4	3.14	3.16	66	93	N	NE	1	4	5	1.00
20	30.17	29.03	50.7	50.7	45.0	65.3	3.36	3.29	66	71	E	W	1	4	10	☉ <sup>3</sup> showers.
21	29.85	29.93	61.7	56.7	53.0	67.8	4.70	3.84	86	84	S	NW	2	9	10	—
22	29.90	29.82	58.7	57.0	53.0	67.7	4.17	4.11	84	88	W	S	1	10	10	0.70
23	29.69	29.61	60.7	51.7	50.0	65.3	3.98	3.44	75	80	SW	S	1	7	2	1.00
24	29.61	29.00	55.8	51.0	49.1	62.3	3.89	3.38	87	90	NW	NW	1	9	5	1.10
25	30.11	29.13	54.7	51.7	48.0	61.5	3.02	3.13	71	81	NW	W	1	3	8	0.80
26	29.90	29.81	52.7	54.9	47.5	60.4	3.29	4.03	83	94	SE	S	1	10	10	1.20
27	29.95	29.11	54.7	52.3	50.0	65.0	3.77	3.44	88	88	NE	SE	1	10	0	1.10
28	30.01	29.00	55.8	58.1	50.2	61.0	4.20	4.71	94	97	S	W	1	10	10	2.00
29	29.06	29.13	61.0	60.8	56.5	68.2	5.00	4.86	93	91	SW	N	1	10	0.50	☉ <sup>0</sup> nearly all day.
30	29.11	29.16	63.7	57.2	55.3	68.0	4.71	4.15	79	88	S	SW	1	10	10	0.40
31	30.18	29.13	60.5	59.7	49.0	65.7	4.43	4.39	84	86	NNE	S	1	10	10	0.40
Means	29.86	29.86	61.1	56.8	52.0	67.7	4.16	4.04	77.0	87.2	1.4	1.4	7.6	7.5	2.640	



## MARKREE CASTLE, SLIGO.

Height above Mean Sea Level, 131 feet. Long. 8° 27' W. Lat. 54° 11' N.

JULY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	59.6	55.1	47.8	66.9	ins.	ins.	91	85	Calm	0	9	10	ins.	Distant T to E. 5p.-8p.
2	30.16	30.15	59.6	55.1	47.8	66.9	ins.	ins.	91	85	Calm	0	9	10	ins.	
3	30.12	30.00	64.2	61.7	46.8	70.4	474	463	79	85	Calm	0	10	9	—	
4	29.92	29.86	60.9	64.0	56.5	72.3	392	409	74	83	SSE	2	10	10	—	
5	83	81	62.5	61.4	59.1	69.5	483	500	86	93	SE	1	10	10	180	
6	82	82	62.2	58.1	54.6	70.1	469	455	84	93	S	0.5	10	10	170	
7	85	73	60.9	61.0	56.3	70.4	443	410	84	77	Calm	0	9	10	220	
8	81	77	57.6	55.2	44.1	66.5	339	330	72	76	SSE	2	8	8	—	
9	70	60	62.6	55.1	50.2	68.7	305	331	70	76	SE	3	8	5	030	
10	48	52	60.9	55.8	50.0	68.6	304	303	68	88	SSE	2	8	9	010	
11	54	53	61.2	54.2	47.2	69.3	381	372	71	89	SSE	1	6	10	220	
12	65	65	62.2	59.2	45.4	68.0	368	455	66	91	SSE	2	10	10	370	
13	54	54	62.9	55.4	55.2	66.8	450	379	79	87	SE	3	8	8	140	
14	49	63	60.6	55.5	54.4	65.4	372	378	71	86	SSW	3	8	8	120	
15	65	39	59.9	54.7	53.3	64.0	413	372	81	87	SSE	2	6	9	260	
16	33	42	57.6	54.5	49.5	65.5	351	390	74	92	WSW	3	8	9	150	
17	67	29.85	58.7	52.1	52.1	60.4	387	320	78	84	NW	1	9	10	020	
18	29.94	30.07	56.4	50.1	47.5	59.3	324	311	71	86	WNW	1	9	9	—	
19	30.17	30.16	56.1	54.6	39.9	63.7	279	337	62	79	NNE	0.5	7	10	—	
20	30.13	29.96	58.8	55.9	49.2	65.1	320	429	66	96	SSE	1	9	10	070	
21	29.86	93	59.3	56.9	55.5	62.0	470	439	93	95	NNW	2	10	10	010	
22	90	81	59.1	55.4	54.4	62.3	406	374	81	86	SW	1	10	10	—	
23	67	62	62.9	50.9	49.3	63.9	304	349	68	94	SW	2	8	10	320	
24	29.65	29.93	53.1	51.2	49.0	61.0	360	343	89	91	NW	1	9	6	090	
25	30.14	30.11	55.3	49.1	47.5	59.4	309	320	70	93	NNW	3	9	10	330	
26	29.82	29.80	51.2	54.5	47.6	61.1	363	408	96	96	SSE	2	10	10	320	
27	93	30.10	58.0	53.3	52.4	63.9	415	373	86	92	NNW	2	9	10	940	
28	29.97	01	56.0	59.5	51.1	63.0	440	492	98	96	SSE	1	10	10	360	
29	30.08	12	63.3	60.2	58.0	63.5	505	460	87	89	WSW	0.5	10	10	010	
30	09	16	60.9	54.4	54.4	66.2	491	389	93	92	SSW	1	10	9	010	
31	30.15	30.08	58.1	60.9	48.0	64.9	438	504	90	95	SSE	1	10	10	—	
Means	29.828	29.835	59.3	55.9	51.0	65.5	399	399	79.1	88.6	1.5	0.7	9.0	9.4	4.430	

## DUBLIN.

Height above Mean Sea Level, 51 feet. Long. 6° 15' W. Lat. 53° 20' N.

JULY 1884.

1	30.18	30.19	60.7	60.5	55.3	68.6	414	365	78	70	W	2	Calm	0	8	2	—	Fine and warm p.
2	30.16	30.07	64.9	61.5	53.0	70.1	414	437	67	79	SW	1	NE	1	6	0	—	☼ <sup>0</sup> (mist) 9a. Very fine day.
3	29.98	29.90	61.5	61.1	57.2	66.0	430	467	79	87	SE	3	S	3	8	4	061	☼ <sup>2</sup> showers 10a.—2p. [times.
4	87	85	65.4	60.7	56.8	70.6	484	460	78	89	SSE	2	SE	3	9	6	—	Beautiful day. "Festooned" clouds at
5	86	87	62.2	62.2	58.3	70.7	414	437	87	79	SEB.S	3	S	1	10	3	—	Dull a. Very fine and bright p.
6	89	85	64.8	61.1	56.0	68.7	414	402	68	75	SW	2	SSE	2	6	4	109	Distant T 2p.
7	74	78	67.7	60.3	57.9	69.7	480	440	70	85	S	4	W	3	10	7	010	Very warm but cloudy. [Very fine p.
8	89	86	61.9	58.9	52.0	67.8	398	355	72	71	SE	2	SSE	2	8	5	029	Wind shifted to NW. 10.30a. ☼ <sup>2</sup> 11.15a.
9	81	67	65.0	56.3	54.1	68.4	396	360	64	81	S by E	4	SE	1	3	0	040	Very fine and bright. Cool evening.
10	55	56	58.6	59.0	55.2	65.3	454	381	93	77	SSE	2	Calm	0	10	5	010	Fine and bright p.
11	59	56	65.3	57.5	54.1	67.6	356	427	57	90	S by E	3	SSE	3	8	—	☼ <sup>2</sup> 11.30a. Brilliant p.	
12	71	74	64.1	60.7	53.0	68.5	422	422	71	80	SE	2	SE	3	6	4	010	Bright early a. Dull till 3p.
13	68	69	63.0	60.0	58.6	68.9	482	370	84	71	SSE	6	SW	4	8	3	060	Squally ☼ and ☼ showers a. Fine p.
14	69	76	62.7	59.8	56.7	67.8	369	369	65	71	SSW	5	WSW	4	8	4	090	Squally ☼, with ☼ <sup>2</sup> showers a.
15	71	50	66.1	61.9	56.0	69.9	405	395	64	72	SSW	4	SW	3	7	7	011	
16	43	51	60.9	57.8	54.1	66.3	342	376	64	79	WSW	4	WSW	3	9	4	050	☼ <sup>2</sup> showers from 11a.
17	68	29.88	61.0	56.5	54.5	66.4	362	328	68	71	WNW	3	W	2	8	4	019	Squally ☼ and ☼ showers a. Fine p.
18	29.96	30.07	56.8	53.2	52.2	62.8	309	339	67	84	NNW	4	NNW	3	8	5	071	Cool a.
19	30.18	18	55.1	54.1	47.1	62.3	296	294	68	71	NNW	2	E	2	4	6	—	Very bright a., after a cold night.
20	30.18	30.06	59.2	56.9	52.2	63.3	326	351	65	75	ESE	2	ESE	2	4	10	061	Very fine a. Cloudy p.
21	29.88	29.95	61.9	61.3	55.7	68.5	489	457	89	84	WSW	3	nwb.w3	3	10	7	010	Warm and damp a. Fine and bright p.
22	95	85	59.9	61.4	57.1	65.9	385	495	75	92	WSW	4	SSW	1	10	10	418	[nimbi to N. 6p.
23	74	68	58.1	54.9	54.0	65.4	398	355	82	82	W	3	W	4	9	1	026	☼ <sup>2</sup> n. and a. Squally ☼ p. Dense
24	29.65	29.84	56.3	55.2	52.4	62.2	344	364	75	84	W	4	NNW	3	3	6	061	Distant T p.
25	30.10	30.14	55.2	55.3	48.1	63.6	286	344	66	79	NNW	4	ESE	1	10	6	204	☼ <sup>2</sup> 9a.—10a.
26	29.92	29.82	54.2	57.0	50.9	65.5	365	414	87	89	S	2	NNW	3	10	6	213	☼ p.
27	29.89	30.10	58.0	55.9	53.3	63.0	396	393	82	89	NNW	3	SE	1	8	3	—	☼ <sup>2</sup> a. and p.
28	30.10	02	57.2	60.7	54.9	63.2	443	477	95	91	SSW	1	W	4	10	7	066	Dull and warm.
29	10	16	61.3	62.6	59.0	66.9	489	475	91	84	W	4	W	1	10	10	011	Very fine.
30	16	16	64.5	64.8	59.0	70.7	451	489	75	81	WSW	2	W by S	3	8	9	—	
31	30.18	30.13	62.7	60.1	60.1	65.2	502	486	89	94	SE	2	S	1	10	9	030	Dull a. Gloomy and close p. ☼☼ 6p.
Means	29.884	29.884	61.2	59.0	54.8	66.8	406	405	75.3	80.9	3.0	2.3	7.6	5.2	2.350			

## PARSONSTOWN (BIRCH CASTLE).

Height above Mean Sea Level, 182 feet. Long. 7° 55' W. Lat. 53° 6' N.

JULY 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.			
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.			
1	30.18	30.17	59.8	59.4	41.7	68.2	.312	.393	62	78	Calm	0	Calm	0	4	9	ins.	☼ <sup>0</sup> (mist) p.
2	30.13	30.07	64.5	61.5	55.1	72.5	.451	.404	75	74	S	0.5	SE	0.5	10	5	—	
3	29.93	29.86	63.2	61.2	55.1	73.0	.463	.450	80	85	SE	0.5	Calm	0	10	0	.035	
4	.84	.82	63.5	58.5	57.2	68.6	.423	.423	72	80	SSE	0.5	Calm	0	10	3	.065	☼ <sup>0</sup> (mist) qp.
5	.82	.88	63.1	56.2	50.2	71.2	.428	.408	74	90	SSE	0.5	Calm	0	8	5	.010	
6	.88	.78	62.6	59.8	54.0	69.2	.400	.448	71	87	SW	0.5	SE	2	7	10	.346	
7	.66	.81	62.7	54.4	54.0	63.2	.328	.367	93	87	SE	1	SW	0.3	10	10	.354	
8	.85	.81	60.3	56.1	45.0	67.5	.349	.334	67	73	SE	1.5	SE	1.5	7	2	—	
9	.73	.60	60.5	55.4	53.2	67.9	.425	.324	81	74	SE	1	SE	2	10	0	—	
10	.50	.55	63.8	56.1	53.7	69.8	.386	.362	61	79	SE	1.5	Calm	0	6	8	—	
11	.55	.55	62.5	54.9	47.4	68.0	.366	.391	65	92	SSE	1	SSW	0.5	5	10	.180	
12	.65	.67	62.8	60.6	46.6	68.7	.389	.345	67	84	SSE	1	SE	2	0	10	.028	
13	.53	.61	62.9	57.2	57.0	67.0	.485	.383	85	82	SE	2	SE	1.5	9	10	.247	
14	.63	.73	61.5	56.9	53.6	65.6	.416	.381	76	83	S	1	SW	1.5	6	10	.055	
15	.68	.45	62.1	57.3	52.3	65.5	.393	.371	71	79	ESE	1	SSE	1	10	9	.120	☼ <sup>0</sup> (mist) qp.
16	.43	.52	56.4	55.5	48.9	62.9	.372	.381	82	80	SSW	2.5	SW	1.5	10	7	.175	
17	.71	.29.92	59.7	53.4	52.9	64.8	.393	.313	74	77	SW	2	SSW	1.5	7	10	.010	
18	.29.99	30.11	57.5	55.5	50.0	62.0	.452	.305	96	80	WSW	2.5	SW	1	4	2	—	
19	30.19	.16	56.5	55.5	40.9	64.5	.287	.321	93	72	NE	1	SSE	0.5	3	10	—	☾ before 9a.
20	30.15	30.04	60.9	56.5	50.7	67.7	.294	.363	55	79	SE	1	SSE	2	9	10	.109	
21	.29.92	.29.99	60.7	58.8	54.9	67.9	.456	.428	86	87	WSW	2.5	WSW	2	10	10	—	
22	.96	.85	58.2	57.3	55.0	63.3	.390	.439	80	93	SW	1	W	0.5	10	10	.382	
23	.75	.70	58.1	53.8	52.0	61.7	.346	.348	71	84	SW	2.5	SW	2.5	2	8	.164	
24	.29.69	.29.92	58.3	53.3	50.0	63.0	.346	.351	71	80	W	2	NW	2	7	10	.150	
25	30.17	30.16	56.1	51.7	44.4	63.2	.288	.393	64	79	NW	2.5	Calm	0	7	9	.252	Squally a. ☼ <sup>0</sup> (mist) qp.
26	.85	.29.86	56.0	55.7	48.8	64.0	.400	.379	88	85	SSE	2.5	WSW	2	8	10	.098	
27	.29.94	30.13	58.5	58.1	52.2	66.6	.392	.414	79	85	WNW	1	WSW	1	10	10	.400	
28	30.07	.07	56.0	59.5	53.4	62.5	.419	.473	93	93	S	1	SW	2	10	10	.010	
29	.13	.16	60.8	62.2	56.0	67.4	.455	.453	85	81	SW	1.5	Calm	0	10	10	—	
30	.14	.17	64.9	60.9	57.1	68.8	.464	.488	76	92	SSW	1	SW	1	10	10	.030	
31	30.16	30.12	63.2	60.8	51.6	67.0	.481	.488	83	84	SE	1	Calm	0	10	10	—	
Means	.29.864	.29.878	60.6	57.1	51.7	60.6	.401	.388	75.8	83.1		1.3	1.0	7.9	7.9	3.229		



## DUNROBIN CASTLE.

Height above Mean Sea Level, 12 feet. Long. 3° 59' W. Lat. 57° 57' N.

AUGUST 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	57.3	58.4	52.6	63.9	ins.	ins.	85	85	E	E	—	—	ins.	
2	30.09	29.95	57.3	58.4	52.6	63.9	401	415	85	85	E	E	—	—	—	
3	29.71	70	63.6	58.9	55.4	67.3	438	423	83	86	E	SW	—	—	—	
4	64	29.80	58.4	56.7	54.6	61.2	388	389	79	85	SW	NW	—	—	—	Cloudy and windy.
5	29.98	30.12	60.6	56.3	51.4	65.0	375	344	72	70	SW	SW	—	—	0.050	Fine and breezy.
6	30.02	05	64.2	62.4	50.1	65.2	407	492	78	88	SW	SW	—	—	—	Breezy.
7	02	06	63.6	62.6	47.8	70.3	451	522	77	92	SW	E	—	—	—	Fine, sunny and warm.
8	07	17	65.4	61.9	53.6	67.8	514	491	83	91	E	SE	—	—	—	Fine, dry and warm.
9	14	30.17	57.6	59.4	54.6	70.1	399	417	82	83	SE	SE	—	—	—	Fine, dry and warm.
10	30.02	29.99	63.2	60.2	57.4	68.8	432	412	75	79	E	E	—	—	—	☀. Clear and warm.
11	29.92	89	63.9	63.4	57.1	67.3	510	545	86	94	SE	SE	—	—	0.330	Fine, clear and warm.
12	86	94	65.4	61.6	57.9	66.2	521	510	84	93	SE	W	—	—	0.080	☀ <sup>2</sup> showers.
13	92	89	58.6	60.9	56.6	60.3	483	505	98	95	E	E	—	—	—	☼ <sup>0</sup> (mist).
14	78	81	61.0	58.9	57.9	61.5	527	479	96	97	SE	NE	—	—	—	Fine day. ☀
15	74	95	61.4	57.4	51.6	67.1	420	387	79	82	W	W	—	—	—	
16	98	91	60.4	59.6	49.8	61.0	418	450	80	88	SE	S	—	—	0.250	Dull a. ☀ showers p.
17	88	94	61.2	57.3	51.6	61.1	490	430	91	91	W	W	—	—	0.300	Dull a. Fine p.
18	92	88	59.6	57.6	53.9	62.2	444	442	87	93	E	NE	—	—	—	Fine a. Dull p.
19	88	71	61.9	61.2	53.1	66.2	467	510	85	95	SW	NW	—	—	—	Fine and mild.
20	66	90	62.9	54.7	54.0	69.3	430	371	76	87	SW	NW	—	—	—	Fine and warm.
21	29.98	29.87	60.9	58.9	48.8	61.1	450	423	80	80	SE	SE	—	—	0.070	
22	30.17	30.16	60.2	56.5	49.6	64.2	407	351	78	77	N	E	—	—	—	Fine day.
23	30.09	29.96	64.4	60.6	54.0	65.6	471	486	78	92	E	NE	—	—	—	Dull a. Fine p.
24	29.98	94	61.4	60.4	57.7	69.3	404	447	86	80	SW	E	—	—	—	Fine a. Dull p.
25	93	29.95	59.4	55.3	54.1	63.2	478	399	95	91	E	NW	—	—	0.070	Fine and sunny.
26	29.97	30.04	57.4	46.6	44.7	61.2	330	303	70	96	SW	N	—	—	—	Dull and cloudy.
27	30.04	30.04	53.0	46.9	44.7	63.6	331	292	83	92	W	NW	—	—	0.050	Dull.
28	29.95	29.70	55.7	53.5	41.7	56.4	308	305	70	73	SE	SE	—	—	0.130	Cloudy and windy.
29	51	45	51.5	49.3	47.6	55.7	330	336	87	90	SE	W	—	—	0.790	
30	49	60	51.3	50.3	48.4	58.2	332	331	88	91	NW	NE	—	—	0.160	
31	65	64	57.4	56.5	44.5	60.4	335	392	70	86	SE	S	—	—	—	Fine a. Dull p.
Means	29.891	29.898	60.0	57.3	51.8	64.8	427	417	82.2	88.0	—	—	—	—	2.310	

## BRAEMAR.

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

AUGUST 1884.

1	30.08	29.97	58.1	56.6	51.2	66.3	400	391	83	85	SE	0.5	S	4	8	9	0.050	Dull.
2	29.68	74	59.8	52.5	51.2	66.5	384	352	75	89	SW	2	SW	2	9	8	0.010	Dull.
3	29.77	29.87	53.7	52.9	46.1	59.5	296	331	72	83	SW	4	SW	4	6	7	0.010	Dull.
4	30.00	30.20	52.5	51.3	46.8	58.7	280	285	72	76	SW	6	SW	4	4	2	—	Dull.
5	10	11	55.5	53.8	45.3	65.3	326	325	74	78	SW	2	SW	0.5	4	8	—	Dull.
6	07	09	57.9	58.6	47.8	67.5	338	422	70	86	SW	4	SW	0.5	5	7	—	Dull.
7	04	15	65.4	58.3	44.5	72.3	400	376	64	78	SW	4	SW	0.5	2	2	—	Dull. ☀
8	13	30.08	57.6	61.6	42.3	74.3	379	418	80	77	SW	0.5	SW	1	6	6	—	Dull.
9	30.01	29.98	65.2	61.0	54.0	71.7	481	397	78	75	E	0.5	SW	1	7	8	—	Dull.
10	29.90	88	65.9	62.2	53.5	73.3	421	475	67	85	SW	0.5	S	1	6	6	0.290	
11	87	92	64.9	61.6	56.9	71.3	502	500	82	91	S	0.5	SW	0.5	7	9	—	☀ id.
12	86	90	64.6	59.0	51.4	75.5	506	484	84	97	SW	0.5	SW	0.5	4	7	0.500	☀ a. ☀ 1 p.—7 p.
13	82	85	60.6	54.5	54.5	67.5	470	368	89	87	SW	3	SW	0.5	8	2	0.040	☀ showers.
14	82	97	58.0	51.9	47.2	62.5	323	220	67	57	SW	2	SW	2	6	3	—	Fine day.
15	98	95	54.8	55.5	43.5	61.5	356	405	83	92	SW	10	SW	0.5	8	10	0.160	☀ showers.
16	90	89	56.9	57.8	53.0	64.5	421	439	91	91	SW	0.5	SW	6	9	10	0.220	
17	90	89	56.9	59.9	53.9	67.3	421	424	91	83	SW	1	SW	2	9	7	0.010	Fine day.
18	87	78	63.6	59.6	51.6	69.7	427	450	73	88	SW	1	SW	1	6	8	0.020	Fine day.
19	69	85	55.5	51.0	50.2	64.5	384	318	87	85	SW	4	SW	2	7	1	0.010	Fine day.
20	29.96	29.91	54.5	57.6	46.7	64.0	342	339	81	72	SW	0.5	SW	6	6	8	—	Fine day.
21	30.13	30.20	55.5	48.5	48.4	64.9	284	277	65	82	NW	2	S	2	0	3	—	Fine day.
22	09	30.03	56.6	60.6	46.5	64.3	405	436	88	83	SW	4	SW	2	8	8	—	Fine day.
23	30.00	29.98	61.6	61.6	53.2	69.5	376	390	69	72	SW	4	SW	0.5	6	7	0.410	Fine day.
24	29.95	29.92	57.9	51.8	51.2	63.3	468	351	98	91	SW	0.5	SW	0.5	10	8	0.340	☀ showers.
25	29.98	30.11	51.5	46.5	46.1	57.5	261	255	69	82	W	2	NW	2	7	7	0.020	☀ showers.
26	30.03	30.03	48.5	46.5	43.3	54.8	270	255	80	82	SW	1	SW	1	7	6	0.130	Fair but cold.
27	29.93	29.73	45.6	45.6	36.2	54.5	259	238	85	78	SW	1	SE	1	6	8	0.030	☀ showers a.
28	49	43	47.5	46.4	43.6	54.5	297	275	91	88	SE	2	W	1	8	6	0.090	☀ showers a.
29	49	62	50.5	44.6	43.3	54.5	251	248	69	84	SW	4	W	0.5	6	1	—	Fine day.
30	61	65	52.3	49.5	40.1	58.8	206	316	76	90	SW	2	SW	0.5	6	8	0.100	Fair a. ☀ p.
31	29.61	29.61	52.5	47.3	46.3	54.2	268	299	69	92	SW	1	SW	0.5	7	8	—	
Means	29.895	29.912	56.8	54.4	48.1	64.3	364	357	78.1	83.2	—	—	—	—	1.6	6.4	2.460	

## LAUDALE.

Height above Mean Sea Level, 14 feet. Long. 5° 41' W. Lat. 56° 41' N.

AUGUST 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	61.2	63.1	55.6	69.7	ins.	ins.	72	79	SSE	3	E	4	10	10	ins.		
2	30.04	29.77	59.4	55.9	55.1	65.9	376	361	74	81	S	7	SW	6	10	10	0.050	☼ (mist) a. and op. Dull and gloomy	
3	29.72	29.95	57.8	53.9	50.8	66.1	369	350	77	86	W	3	SW	4	10	10	0.220	☼ showers. ☼ (mist) p.	
4	30.02	30.05	55.6	55.6	52.3	61.0	364	349	82	78	SW	3	SW	2	10	10	0.450	☼ all day. ☼ (mist).	
5	07	04	61.2	58.2	53.3	65.6	384	347	72	72	S	2	SW	3	8	6	0.170	☼ a. Cloudy day, with ☼.	
6	04	00	62.3	64.4	55.9	70.8	404	357	83	59	S	7	SE	2	8	2	—	☼ (mist) a. Fine most of day.	
7	04	11	65.0	58.0	56.9	68.6	447	451	73	93	SE	3	Calm	0	9	9	—	☼ all day. ☼ round sun day.	
8	30.09	30.02	65.3	62.6	52.0	75.8	490	505	80	89	E	1	Calm	0	9	9	0.050	Dull and gloomy. Strong squalls from S.	
9	29.98	29.92	67.0	58.0	50.9	75.7	525	473	80	98	E	1	Calm	0	9	9	0.010	☼ to SW. 7 p. ☼ to W. 8 p. ☼ 11 p.	
10	88	85	66.1	66.1	55.9	71.3	498	532	79	84	E	3	Calm	0	3	10	0.270	Fine a., with ☼ and ☼ (mist).	
11	89	88	60.0	60.0	57.4	67.8	498	511	96	99	Calm	0	Calm	0	7	10	0.270	Fine a., with ☼.	
12	84	83	68.5	64.6	57.0	74.6	564	540	82	89	Calm	0	Calm	0	10	10	—	☼ (mist) ☼ a. and p. Oppressive	
13	79	78	62.8	59.0	57.4	64.6	477	410	83	83	S	1	SE	3	10	7	0.730	Fine, with ☼. ☼ 0 p. ☼ 2 p.	
14	82	95	57.6	57.7	55.4	62.8	494	370	84	78	Calm	0	Calm	0	10	10	0.270	[damp.	
15	98	85	58.4	59.9	53.7	60.8	393	440	80	94	S	3	E	4	10	10	0.010	☼ (mist) a. Day gloomy, chilly, and	
16	89	93	60.0	56.0	55.9	63.8	488	480	95	98	Calm	0	Calm	0	10	10	1.880	Gloomy. ☼ 2 from 4.30 p. ☼.	
17	91	88	61.4	61.8	53.5	67.2	407	475	87	86	Calm	0	Calm	0	5	10	0.450	☼ 2 till 9 a. Day gloomy, with ☼	
18	84	70	61.8	62.0	53.7	68.3	490	459	80	83	SE	1	SE	1	7	170	0.010	[ (mist).	
19	05	00	60.0	54.0	53.8	62.0	450	363	89	87	W	1	WSW	1	8	8	0.050	☼ showers a. Day gloomy and raw.	
20	29.98	29.89	59.0	56.2	54.0	64.3	332	394	67	87	S	1	S	4	1	10	0.150	☼ showers a. Clouds from S. a.	
21	30.19	30.16	56.0	51.1	50.4	62.3	302	335	67	89	NW	1	Calm	0	8	2	0.030	Cirrus S. to N., moving from SW.	
22	30.07	30.02	59.7	61.7	50.5	66.1	464	408	91	75	S	2	E	4	10	7	—	[Grey ☼ a. ☼ till 1 p. Dull p.	
23	29.99	29.96	63.1	60.9	58.8	69.1	445	347	78	65	S	1	Calm	0	9	7	0.010	Fine all day.	
24	29.94	29.97	58.0	51.0	50.8	62.1	436	318	90	85	Calm	0	Calm	0	10	6	0.230	Gloomy sky at op., cir. and cum. inter-	
25	30.06	30.15	55.1	51.1	48.9	58.3	303	305	71	81	WNW	3	Calm	0	6	5	0.290	mixed and stretched over	
26	30.09	30.03	51.0	49.0	44.8	57.0	333	310	89	90	Calm	0	NW	1	10	7	—	[sky like a "herring bone."	
27	29.90	29.64	51.0	51.3	47.1	55.5	321	295	85	78	Calm	0	S	6	10	8	0.230	Dark and gloomy.	
28	48	46	51.0	54.9	43.1	54.9	343	303	92	61	Calm	0	Calm	0	10	6	0.580	Cold, with ☼ showers. Hail on hills.	
29	55	62	48.8	49.0	44.2	57.1	298	325	86	94	Calm	0	Calm	0	8	4	—	Dark and gloomy a., with ☼ (mist).	
30	68	64	55.4	54.0	48.3	58.1	345	357	79	85	Calm	0	W	1	9	6	0.350	Cold and damp. Raw and cold op.	
31	29.64	29.60	55.0	48.0	47.8	59.6	304	307	71	92	W	1	Calm	0	9	3	—	Cold and damp. ☼ showers.	
Means	29.893	29.878	59.2	57.1	52.6	64.7	412	393	81.4	83.8	—	1.5	—	1.5	8.1	7.6	6.880	Dull day. ☼ showers n. ☼ a. Day dull.	
																			Day fine and clear. Cir. from W. to E.



## ROTHESAY.

Height above Mean Sea Level, 115 feet. Long. 5° 4' W. Lat. 55° 50' N.

AUGUST 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	58.1	60.9	54.1	73.0	450	502	92	94	NE	NE	—	—	ins.	Cloudy, with ● showers.
2	30.09	29.84	59.3	56.0	54.6	64.4	442	408	89	91	S	SSW	—	—	0.05	
3	29.72	29.84	59.3	56.0	54.6	64.4	442	408	89	91	S	SSW	—	—	0.05	Cloudy and blowy.
4	29.87	30.00	56.9	53.5	52.1	62.6	409	402	89	98	SSW	SW	—	—	—	Cloudy.
5	30.13	30.19	55.5	55.0	50.1	62.3	415	381	94	88	SW	SE	—	—	—	Clear and fine.
6	30.20	30.13	53.0	53.5	50.1	65.1	352	402	87	98	SE	SE	—	—	—	Clear and fine.
7	30.12	30.08	63.9	56.5	53.1	74.0	541	457	91	100	SE	E	—	—	—	Fine.
8	30.09	30.12	59.9	59.9	54.1	75.1	516	516	100	100	E	W	—	—	—	☀ 7p.—8p.
9	30.14	29.98	62.9	63.9	55.6	73.0	574	594	100	100	E	NE	—	—	—	Fine and warm.
10	29.97	29.97	64.9	62.4	59.3	75.1	608	564	99	100	NE	NE	—	—	—	Fine and warm.
11	29.94	29.88	65.9	64.9	55.1	72.5	585	569	92	83	NE	SW	—	—	—	Fine and warm.
12	29.90	29.92	66.5	61.9	59.3	74.0	582	519	90	94	SW	Calm	—	—	—	[SW. to N. p.
13	29.89	29.87	63.4	62.4	56.1	66.1	514	546	88	97	NE	E	—	—	—	Dull. ☀ all day, SE. to NW. a., and
14	29.84	29.85	60.9	58.1	57.3	67.0	519	433	87	88	WSW	S	—	—	—	☀ showers. ☀ all night.
15	29.90	29.90	61.4	56.0	52.1	66.1	382	408	71	91	SW	SW	—	—	—	Cloudy and mild.
16	29.92	29.94	60.9	57.0	52.1	62.6	450	468	85	98	SSE	SSW	—	—	—	Dull, with ● all day.
17	29.96	29.95	62.3	57.3	56.4	63.1	491	468	88	100	SSW	SE	—	—	—	Dull, with ● all day.
18	29.94	29.94	59.9	59.9	55.6	67.0	510	454	99	89	E	SSE	—	—	—	Fine and mild.
19	29.90	29.90	63.7	58.4	57.3	73.0	510	433	86	89	S	S	—	—	—	Fine.
20	29.70	29.92	56.9	50.3	49.6	64.1	432	332	83	92	SW	Calm	—	—	—	Fine and breezy.
21	30.02	30.00	58.1	57.9	43.6	69.3	400	431	83	90	SW	S	—	—	—	☀ p.
22	30.19	30.19	58.1	54.0	47.1	65.6	327	339	82	89	NW	Calm	—	—	—	Fine and clear.
23	30.13	30.08	60.4	57.9	52.6	67.0	479	425	92	89	SSE	S	—	—	—	Fine.
24	30.04	30.00	66.8	61.9	55.6	71.5	515	464	79	84	S	NW	—	—	—	Warm. ☀ to NW., 11p.
25	29.96	29.97	60.9	55.0	52.6	63.1	322	400	98	92	SW	SW	—	—	—	Dull, with ● showers.
26	30.08	30.20	55.0	51.0	44.7	60.1	307	353	71	94	W	NW	—	—	—	Fine and blowy. ● showers p.
27	30.12	30.06	50.0	50.3	44.6	58.0	345	351	66	97	W	Calm	—	—	—	Cloudy and chilly.
28	29.93	29.70	52.0	48.5	46.6	53.9	366	342	94	100	N	SE	—	—	—	Dull and damp.
29	29.54	29.50	53.3	46.7	45.4	58.0	332	307	82	96	W	Calm	—	—	—	☀ showers.
30	29.59	29.68	55.3	48.6	41.1	59.6	357	332	82	97	SW	W	—	—	—	☀ showers.
31	29.73	29.73	53.0	53.0	47.6	60.6	374	380	93	94	SSW	Calm	—	—	—	Dull, with ●
Means	29.946	29.931	59.3	56.1	51.7	65.9	451	427	88.8	93.6	—	—	—	—	4.507	☀ showers.

## PINMORE.

Height above Mean Sea Level, 187 feet. Long. 4° 49' W. Lat. 55° 12' N.

AUGUST 1884.

1	30.09	29.83	66.0	66.8	53.5	73.9	533	538	84	82	SW	0.5	S	6	—	—	0.020
2	29.82	29.89	59.0	55.9	55.9	66.8	390	356	74	80	S	4	W	0.5	—	—	—
3	29.93	29.05	58.5	54.9	52.5	61.1	339	387	70	90	W	3	W	0.5	—	—	—
4	30.18	30.22	57.0	55.4	52.0	63.1	367	388	70	89	SW	0.5	SW	0.5	—	—	—
5	30.20	30.16	58.8	52.0	51.0	63.1	347	351	70	90	S	0.5	SW	3	—	—	—
6	30.13	30.09	66.3	55.9	52.0	71.9	434	409	68	92	S	4	S	0.5	—	—	—
7	30.11	30.14	68.4	60.0	47.2	77.9	483	479	69	93	S	3	S	0.5	—	—	—
8	30.10	30.05	72.4	65.8	49.1	80.9	559	553	70	87	S	0.5	S	0.5	—	—	—
9	30.03	29.99	70.9	57.5	50.1	79.9	514	402	67	85	S	0.5	S	0.5	—	—	—
10	29.97	29.89	62.1	66.8	54.0	75.9	415	592	75	90	SW	0.5	W	0.5	—	—	3.80
11	29.92	29.94	67.7	61.1	59.1	74.9	560	489	83	91	S	0.5	S	3	—	—	3.70
12	29.90	29.90	59.0	60.0	51.0	68.0	487	505	98	98	S	0.5	S	0.5	—	—	0.00
13	29.87	29.90	62.6	58.5	58.5	68.0	515	463	91	95	S	0.5	S	0.5	—	—	—
14	29.93	29.92	60.0	55.4	48.2	66.5	398	401	77	92	SW	0.5	SW	0.5	—	—	—
15	30.05	30.00	63.5	58.5	51.0	64.1	412	463	71	95	S	3	S	4	—	—	4.90
16	30.02	29.99	60.9	58.5	58.1	65.0	459	417	87	86	SW	4	SW	4	—	—	—
17	29.98	29.97	62.6	57.0	57.0	69.0	482	408	85	88	S	3	SW	0.5	—	—	—
18	29.94	29.81	64.7	57.6	56.5	70.9	470	415	77	87	S	4	S	3	—	—	0.40
19	29.77	29.97	57.8	48.9	45.3	66.0	418	290	87	84	NW	3	N	0.5	—	—	—
20	30.05	30.04	61.1	57.0	39.4	67.0	372	408	70	88	S	0.5	SW	4	—	—	0.90
21	30.22	30.22	60.0	57.8	54.0	68.0	335	418	64	87	S	0.5	S	0.5	—	—	—
22	30.16	30.10	62.9	58.5	57.8	68.5	447	417	79	86	S	3	SW	3	—	—	—
23	30.06	30.03	67.7	61.1	51.0	73.9	525	457	78	85	SW	4	S	0.5	—	—	—
24	29.97	29.92	64.0	53.3	49.1	67.0	512	399	86	98	S	4	S	0.5	—	—	1.10
25	30.13	30.24	56.7	52.8	48.6	61.1	427	366	93	91	N	4	N	0.5	—	—	2.10
26	30.16	30.10	49.8	49.8	45.8	56.1	327	327	91	91	N	0.5	N	0.5	—	—	0.20
27	29.94	29.70	49.8	49.3	44.3	55.1	327	308	91	88	NW	0.5	NW	0.5	—	—	5.90
28	29.59	29.55	54.4	44.0	39.4	58.1	346	281	82	98	NW	4	N	0.5	—	—	3.00
29	29.64	29.74	53.3	48.4	39.9	59.1	354	295	87	87	N	4	N	0.5	—	—	1.90
30	29.77	29.73	55.9	53.3	48.2	61.1	356	402	80	99	SW	0.5	SW	0.5	—	—	0.30
31	29.74	29.65	54.9	44.9	44.3	61.1	360	281	84	95	SW	0.5	SW	0.5	—	—	1.20
Means	29.979	29.969	60.9	56.0	50.4	67.2	427	409	79.6	89.9	—	—	—	—	—	—	3.050

## SCALEBY (NEAR CARLISLE).

Height above Mean Sea Level, 111 feet. Long. 2° 52' W. Lat. 54° 58' N.

AUGUST 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	63.5	59.5	53.0	73.3	453	409	95	100	E	5	E	4	5	ins.
2	30.13	29.89	63.5	59.5	53.0	73.3	453	409	95	100	E	5	E	4	5	—
3	29.80	29.88	59.5	56.5	46.0	68.0	409	430	100	94	SW	6	SW	3	7	—
4	29.94	30.00	58.5	54.5	52.0	63.0	431	399	89	94	SW	5	SW	3	10	—
5	30.13	30.19	61.0	51.5	51.0	63.5	489	357	92	94	W	5	Calm	0	5	—
6	30.21	30.17	59.5	53.5	47.5	61.8	479	410	95	100	W	3	NE	2	10	—
7	30.14	30.06	66.5	59.5	49.0	75.0	650	479	100	95	SE	2	Calm	0	0	—
8	30.08	30.07	70.5	60.5	55.6	80.0	626	464	84	89	E	3	E	3	0	—
9	29.99	29.96	71.5	64.5	55.5	83.0	667	505	90	84	E	1	E	3	0	—
10	29.93	29.88	66.0	66.5	52.6	81.0	500	526	79	82	Calm	0	Calm	0	0	—
11	29.89	29.89	66.5	64.5	61.7	80.0	598	505	89	84	Calm	0	Calm	0	0	—
12	29.80	29.92	74.5	62.0	59.3	78.5	639	507	75	92	Calm	0	SE	2	5	—
13	29.85	29.91	66.5	56.5	55.0	72.0	543	401	84	88	SW	1	SW	3	10	—
14	29.93	30.03	62.3	54.5	52.0	67.2	370	375	67	89	SW	4	NW	2	3	—
15	30.06	30.05	62.5	60.5	48.0	69.5	492	464	87	89	S	3	SW	2	5	—



## CRONKBORNE (DOUGLAS), ISLE OF MAN.

Height above Mean Sea Level, 137 feet. Long. 4° 29' W. Lat. 54° 10' N.

AUGUST 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	63.0	62.1	52.8	70.1	50.3	50.3	87	90	SE 2	S 2	8	2	ins.	☁ a. D. 9p.
2	29.84	29.92	59.7	53.8	53.8	62.1	42.7	38.8	84	93	SSW 3-4	WSW 2	10	6	—	D. p.
3	29.95	30.05	58.5	56.8	52.5	62.0	38.7	37.7	79	81	SW 3-4	WSW 3	9	7	—	mid-day.
4	30.17	30.24	57.8	55.7	51.7	62.4	36.2	39.8	76	90	WNW 3	SW 1	9	9	—	
5	30.20	30.15	59.1	55.9	55.1	61.8	34.6	36.4	70	81	SSW 3	Calm	8	6	—	D. p.
6	30.11	30.04	65.2	58.8	47.7	69.2	43.3	43.0	70	87	SE 3-4	Calm	0	4	—	Very fine, but with ☁. D. 9p.
7	30.07	30.09	65.4	56.4	51.5	72.0	49.8	41.9	80	92	ESE 3	Calm	0	4	—	Very fine, but with ☁. T <sup>0</sup> 4p. D. p.
8	30.07	30.04	68.3	57.7	52.9	74.9	50.9	43.7	74	91	E 2	WNW 1	0	2	—	Very fine, but with ☁. T <sup>0</sup> 4p. D. p.
9	29.99	29.96	66.5	58.0	48.9	71.6	50.3	44.5	78	92	NNE 1	Calm	1	5	—	Very fine, but with ☁. T <sup>0</sup> 4p. D. p.
10	30.04	30.08	66.0	63.7	52.6	73.0	52.9	53.4	83	91	ESE 2	Calm	7	10	—	☁ a. Fine but with ☁. T <sup>0</sup> 4p. D. p.
11	30.09	30.11	67.8	58.4	58.4	72.4	57.2	47.6	84	98	SW 1	Calm	4	4	—	Very fine, but with ☁. T <sup>0</sup> 4p. D. p.
12	30.15	30.18	69.0	60.2	53.0	69.2	57.3	51.2	81	98	S 2	SW 1	7	10	—	T <sup>0</sup> a. ☁ (mist) a. and p. Dull.
13	30.20	30.22	64.1	55.7	54.0	64.5	49.1	43.3	82	95	S 2	SW 1	8	3	—	Dull a. Fine afternoon. D. p.
14	30.24	30.26	61.2	56.6	49.7	64.9	40.0	43.1	75	94	S.W. 3-4	Calm	4	8	—	Fine day. D. p.
15	30.24	30.23	61.0	58.6	47.9	63.8	48.0	44.8	90	91	SSW 3-4	SSW 3	9	6	—	Dull. T <sup>0</sup> 4p. D. p.
16	30.22	30.20	59.8	56.8	54.2	65.8	48.5	40.8	94	88	SSW 3	SSW 2	9	6	—	☁ (mist) a. and p. Dull till 11 a., then Cloudy. D. p.
17	30.20	30.18	61.4	57.2	52.3	66.5	50.4	45.9	93	98	S 2	Calm	10	9	—	Fine. D. p.
18	30.19	30.17	62.2	57.0	51.3	66.3	50.7	42.0	91	90	SSW 1	SSE 2	8	2	—	Fine a. Cloudy afternoon. D. p.
19	30.17	30.15	58.9	53.0	53.0	66.4	42.9	38.3	87	95	WNW 4	WNW 1	7	1	—	D. p.
20	30.12	30.10	62.8	55.4	43.2	63.8	43.7	40.7	77	93	S 1	SW 1	4	2	—	Very fine. D. p.
21	30.18	30.19	61.3	58.1	55.0	65.1	42.7	45.0	80	93	N 1	Calm	10	10	—	Very fine. D. p.
22	30.14	30.15	64.3	52.0	52.0	66.5	47.6	36.4	79	94	SSW 1	Calm	3	1	—	Very fine. D. p.
23	30.10	30.04	69.3	57.9	49.4	72.0	48.3	43.1	67	90	SE 1	Calm	0	2	—	☁ (mist) a. Fine morning. Dull afternoon.
24	30.08	30.09	68.3	56.7	53.2	69.4	55.7	49.9	81	89	S 2	NNW 3	2	7	—	Very fine. D. p.
25	30.11	30.21	59.4	50.5	50.5	63.6	35.0	39.4	69	83	NNW 4	NNW 2	2	2	—	Dull. ☁ (mist) p.
26	30.15	30.06	50.8	51.7	42.5	57.1	33.5	31.7	90	83	WNW 3	NW 2	9	10	—	Overcast, with ☁ (mist) ☁. T <sup>0</sup> 4p.
27	30.02	29.68	55.4	52.7	49.9	56.3	34.0	39.9	78	100	W 1	SE 2	9	10	—	Wind backed to SW. at noon.
28	30.09	30.05	55.2	49.1	47.2	58.6	34.0	32.1	78	92	WNW 4-5	NW 2	4	8	—	Fine.
29	30.05	30.07	55.2	52.9	42.8	59.5	30.0	35.1	83	88	WNW 2	WNW 2	6	9	—	Cloudy. ☁ 11 a.—1 p. D. p.
30	30.07	30.08	56.0	54.4	51.9	62.3	38.6	41.2	86	97	SW 3	Calm	0	8	—	Dull. D. p.
31	29.70	29.61	55.1	51.0	47.6	59.5	38.2	36.4	88	97	Calm	Calm	10	10	—	
Means	29.962	29.952	61.5	56.0	50.9	65.6	44.0	41.2	81.1	91.4	2.3	1.1	6.0	5.9	1.516	

## STONYHURST.

Height above Mean Sea Level, 375 feet. Long. 2° 28' W. Lat. 53° 51' N.

AUGUST 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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	30.11	29.94	66.9	69.1	55.4	75.8	49.6	51.3	76	73	Calm	ESE 1	8	0	—	
2	29.92	29.98	60.9	55.0	53.9	69.1	40.9	36.7	77	85	WSW 2	W 1	10	10	—	
3	30.03	30.10	58.2	55.3	52.9	63.4	34.8	35.1	72	80	W 2	W 1	10	10	—	
4	30.11	30.10	57.9	49.4	45.3	61.2	28.4	29.0	59	83	W 2	Calm	10	0	—	
5	30.25	30.20	59.2	56.0	43.2	67.1	33.0	34.8	66	77	Calm	Calm	0	2	—	
6	30.17	30.11	66.3	61.9	49.4	72.3	43.8	42.7	68	78	Calm	Calm	0	0	—	
7	30.12	30.13	62.5	67.4	53.6	75.3	45.2	43.5	81	64	N 1	NE 1	0	0	—	
8	30.12	30.08	71.0	71.6	57.8	79.9	52.6	45.3	69	59	NE 1	E 1	0	10	—	
9	30.03	30.00	68.0	64.0	57.3	77.5	54.4	48.9	77	82	NE 1	Calm	0	5	—	☁ during the evening.
10	29.99	29.93	67.0	69.0	59.6	77.9	51.5	55.1	78	78	Calm	Calm	3	8	—	Distant T heard frequently in afternoon.
11	30.03	30.03	71.6	66.0	61.3	80.5	55.1	55.7	71	87	Calm	Calm	10	4	—	
12	30.01	30.05	69.0	61.0	50.4	71.3	55.8	50.0	79	93	E 1	Calm	0	10	—	
13	30.04	30.05	65.0	58.0	57.2	70.8	49.4	40.7	81	84	S 2	Calm	10	8	—	
14	30.07	30.06	60.1	53.9	53.0	65.8	39.4	34.9	76	84	W 1	Calm	10	0	—	
15	30.12	30.12	61.0	58.3	46.8	70.8	38.3	42.6	72	88	Calm	Calm	5	7	—	
16	30.11	30.05	64.0	59.9	53.6	71.3	43.4	42.4	73	83	SW 1	NNE 1	6	6	—	
17	30.02	29.97	65.1	63.2	55.8	72.0	44.6	39.0	73	67	Calm	Calm	0	7	—	
18	29.92	29.87	67.1	60.4	57.2	71.2	45.8	44.7	69	86	Calm	Calm	0	2	—	
19	29.81	29.95	58.8	55.8	52.7	63.2	40.5	36.7	82	82	SW 2	W 1	10	0	—	
20	30.06	30.12	60.9	59.7	46.0	68.5	41.1	42.2	78	83	Calm	Calm	0	9	—	
21	30.22	30.23	61.0	61.4	53.6	68.8	42.5	44.0	80	81	Calm	Calm	10	2	—	
22	30.18	30.12	63.0	64.0	55.0	74.4	44.3	45.5	77	76	Calm	Calm	0	0	—	
23	30.13	30.09	68.1	67.1	58.2	77.3	49.4	48.8	72	74	Calm	Calm	0	0	—	
24	30.05	29.97	70.5	61.0	60.1	80.2	46.8	47.0	63	88	SSE 1	Calm	0	7	—	
25	30.09	30.19	67.0	63.0	51.7	63.2	48.3	48.1	64	70	NW 1	NW 1	8	0	—	
26	30.17	30.06	51.3	52.9	41.3	55.0	29.6	29.2	78	73	NW 1	NW 1	10	10	—	
27	29.93	29.77	51.5	50.0	49.7	58.5	34.1	33.2	90	92	Calm	Calm	10	10	—	
28	30.00	30.08	56.0	49.9	49.1	59.2	33.5	31.3	74	88	WSW 3	SW 1	7	10	—	
29	30.06	30.07	52.1	53.0	45.4	60.0	30.0	32.5	77	81	WSW 1	W 1	10	10	—	
30	30.02	30.07	56.5	57.9	49.3	60.3	35.8	45.2	78	94	SW 1	W 1	10	10	—	
31	29.74	29.62	58.1	54.1	52.5	59.9	37.4	38.1	78	91	WSW 1	Calm	10	10	—	
Means	30.010	29.990	62.1	59.3	52.5	69.1	41.8	41.1	74.4	80.8	0.8	0.4	6.2	5.2	2.830	

## WAKEFIELD.

Height above Mean Sea Level, 96 feet. Long. 1° 30' W. Lat. 53° 41' N.

AUGUST 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	65.6	66.7	55.3	79.5	52.6	54.1	84	83	NE 2	ENE 2	0	3	ins.	Fine day.
2	29.88	29.96	66.3	57.9	57.9	69.9	46.9	37.7	74	79	SW 3	SW 3	6	4	—	
3	30.00	30.08	61.8	57.7	54.8	67.2	34.2	36.4	61	77	W 2	W 2	6	3	—	Fine day.
4	30.20	30.27	58.5	49.4	49.3	64.5	33.5	30.6	69	88	WSW 2	W 2	10	0	—	Dull a. T <sup>0</sup> 10.30 a.
5	30.18	30.18	60.4	54.4	41.2	73.0	31.7	37.8	60	90	SSW 3	SSE 2	0	2	—	Fine day.
6	30.18	30.12	64.6	61.0	46.1	70.4	39.1	43.1	64	81	ESE 3	E 2	1	3	0.10	Fine and bright.
7	30.13	30.13	58.7	64.8	52.3	79.2	46.4	47.0	94	78	N 1	ESE 1	10	0	—	Fine from 9.40 a.
8	30.05	30.04	68.6	63.2	50.1	83.8	53.5	51.2	77	89	ENE 1	ENE 1	0	0	—	Fine and bright.
9	30.05	30.04	60.6	63.9	58.3	78.4	50.5	50.9	95	86	NE 1	E 2	10	8	0.06	T <sup>0</sup> 10.20 a. T <sup>0</sup> 5.50 p.
10	29.98	29.93	65.6	63.8	53.8	80.5	56.0	54.0	89	92	ESE 1	SE 1	10	2	—	Fine from 10.15 a.
11	0.1	0.0	70.6	70.1	57.7	86.4	53.5	64.6	71	88	SE 1	W 1	2	3	—	Fine day.
12	0.2	0.2	72.6	65.2	60.7	78.7	58.6	53.1	74	86	ESE 3	SSW 2	2	10	—	
13	0.1	0.2	69.4	62.6	59.2	76.8	53.1	46.2	74	82	SSE 1	W 2	8	10	0.10	Dull and gloomy.
14	29.95	30.05	61.9	55.2	53.2	68.4	40.1	35.2	73	81	W 2	W 2	4	2	—	Fine day.
15	30.13	30.14	62.8	63.0	46.2	73.0	39.1	43.3	69	76	W 1	W 1	1	3	—	Fine day.
16	30.11	30.03	66.0	56.7	51.1	75.2	42.1	39.9	66	87	S 1	S —	7	4	—	Fine and bright.
17	30.01	30.04	61.0	47.1	75.4	44.6	45.6	61	85	WNW —	NNW —	2	0	0.10		
18	29.00	30.84	65.4	58.7	54.8	77.4	48.7	43.3	79	88	NNE —	N —	2	3	—	
19	29.81	30.92	61.6	54.8	51.1	65.8	41.9	38.9	77	90	W —	WNW —	5	0	0.80	
20	30.04	30.09	60.1	59.6	42.6	70.4	42.2	47.5	81	93	WNW —	WNW —	1	10	—	
21	30.20	30.22	61.7	59.8	54.8	70.4	41.6	44.1	77	86	NNW —	NE —	6	4	—	
22	30.19	30.12	57.8	63.4	50.1	77.4	45.9	48.2	95	83	NNE —	NNE —	0	8	—	Fine day.
23	30.13	30.07	62.6	59.8	47.1	82.7	45.1	45.9	80	90	ESE —	SE —	0	0	—	
24	30.04	30.94	72.4	67.4	49.5	83.9	51.8	48.5	65	73	SSW —	S —	0	3	—	
25	30.05	30.20	55.3	53.2	53.2	75.4	41.2	28.8	94	71	N —	NW 2	10	2	—	Fine day.
26	30.14	30.03	52.8	51.9	45.1	55.4	30.2	32.7	75	85	NW 3	WNW 2	10	7	—	Dull and gloomy a.
27	30.91	30.78	53.6	49.8	45.9	56.0	32.8	33.8	78	97	NE 2	NE 1	10	0	3.30	Overcast and dull till 6p., then
28	30.58	30.58	51.9	49.1	61.4	40.3	31.7	83	82	WSW 3	SE 2	7	5	0.10	Fine day.	
29	30.64	30.77	53.8	51.8	46.5	60.6	32.4	33.3	77	86	W 2	W 2	6	3	0.20	Fine day.
30	30.83	30.73	58.6	59.6	50.7	63.6	37.4	46.2	76	91	SW 2	SSW 2	4	5	0.10	Fine day.
31	30.72	30.60	59.4	55.3	54.2	61.6	39.1	43.4	78	99	WSW 2	ENE 1	10	10	4.80	Dull and gloomy.
Means	30.000	29.986	62.5	59.1	51.3	72.3	43.4	43.2	76.5	85.2	—	—	4.8	3.8	1.030	



## BUXTON.

Height above Mean Sea Level, 987 feet. Long. 1° 54' W. Lat. 53° 14' N.

AUGUST 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative 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.	68.6	65.3	50.2	75.6	ins.	ins.	66	85	SW 1	SW 1	5	1	ins.	
2	30.08	29.95	68.6	65.3	50.2	75.6	462	422	66	85	SW 2	SW 3	9	1	—	
3	29.80	29.95	62.5	55.0	50.0	68.0	473	375	84	87	SW 2	SW 3	9	0	—	
4	30.00	30.06	60.0	55.0	49.0	66.0	369	389	71	90	SW 2	W 2	6	0	—	
5	29.16	29.29	57.0	48.0	47.4	66.7	352	309	75	93	W 2	NW 1	7	4	—	
6	29.23	29.21	60.8	53.4	38.4	69.1	322	366	61	89	S 2	Calm	2	6	—	
7	29.16	29.13	62.8	56.4	42.0	71.3	397	425	70	93	SE 2	SE 2	4	1	—	
8	29.09	29.09	73.6	61.8	47.9	81.1	489	524	59	95	SE 1	SE 1	10	0	—	
9	30.02	29.99	66.8	68.6	50.9	77.1	511	520	78	94	E 1	E 1	3	5	—	
10	29.96	29.94	69.3	64.3	38.8	75.7	560	546	79	91	SE 1	SE 1	8	3	—	
11	29.91	29.91	72.4	66.8	51.9	82.1	491	580	62	88	SE 1	SE 1	4	2	—	
12	29.93	29.94	62.8	61.3	54.9	69.7	526	461	92	85	SE 1	W 1	10	9	—	
13	29.93	29.95	64.5	58.8	50.9	71.6	447	443	74	90	W 1	W 1	7	4	—	
14	29.97	30.07	60.3	57.8	45.9	66.4	388	451	75	93	WNW 2	W 2	6	6	—	
15	30.10	30.11	64.8	57.5	40.2	69.3	367	382	60	81	W 1	SW 1	7	7	—	
16	30.11	30.07	62.3	53.0	51.7	70.7	393	386	71	93	SW 1	SW 1	8	3	—	
17	29.99	29.97	67.4	60.5	46.4	74.6	413	470	61	90	S 1	Calm	7	5	—	
18	29.87	29.87	71.3	58.8	46.1	73.6	501	393	66	79	SE 1	SW 1	3	4	—	
19	29.86	29.96	59.8	52.7	47.1	60.9	453	324	88	81	W 3	WSW 1	10	6	—	
20	30.08	30.11	56.9	57.0	45.1	70.1	375	437	81	94	NW 1	NW 1	7	10	—	
21	29.20	29.22	61.1	57.3	50.4	72.3	360	427	68	90	W 1	W 1	7	6	—	
22	29.17	29.15	67.4	55.4	45.4	75.5	441	396	65	90	SW 2	SW 1	5	3	—	
23	29.10	29.12	71.9	57.3	45.6	77.7	507	427	64	90	S 1	Calm	0	1	—	
24	29.03	29.07	72.9	61.1	49.5	80.2	453	494	55	92	S 1	SW 2	0	2	—	
25	29.07	29.18	53.4	49.4	48.9	62.1	318	290	78	83	NW 2	NW 2	8	2	—	
26	30.16	30.07	48.4	47.4	30.3	52.7	272	307	81	94	NW 1	SW 1	9	4	—	
27	29.93	29.78	49.4	47.4	46.9	51.1	315	303	89	93	W 1	SW 1	9	10	—	
28	29.59	29.61	53.9	48.4	46.4	58.2	373	302	90	89	SW 1	W 2	7	9	—	
29	29.66	29.81	49.9	48.6	42.9	57.2	308	312	86	92	NW 2	NW 2	5	6	—	
30	29.82	29.82	54.6	51.6	45.4	62.2	327	338	77	88	SW 2	SW 1	7	10	—	
31	29.74	29.60	56.6	51.9	45.4	59.2	381	322	82	83	W 2	W 1	8	10	—	
Means	29.996	30.000	62.0	56.3	46.8	69.1	412	409	74.2	88.7	1.5	1.2	6.1	4.6	1.720	

## HILLINGTON, NORFOLK.

Height above Mean Sea Level, 88 feet. Long. 0° 33' E. Lat. 52° 48' N.

AUGUST 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative 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	30.11	30.02	70.0	62.3	54.2	80.6	552	470	75	84	ESE 1	SE 1	8	0	—	
2	29.91	29.98	74.8	58.2	56.3	81.1	566	406	65	83	SE 3	W 0.5	3	10	—	Hot.
3	30.03	30.07	63.8	61.0	52.9	69.6	424	427	72	80	NW 2	SW 1	7	10	—	
4	29.19	29.27	63.6	50.2	50.1	69.5	427	351	73	97	NW 2	NW 0.5	7	0	—	
5	29.27	29.22	65.4	54.6	43.2	77.5	447	367	72	86	SW 0.5	SE 0.5	7	1	—	
6	29.19	29.12	69.6	56.9	46.9	78.5	469	436	64	94	SE 2	SE 0.5	3	0	—	
7	29.08	29.11	75.8	67.1	56.5	85.9	548	529	62	81	E 3	E 0.5	0	8	—	
8	29.10	29.07	70.6	64.6	58.6	88.0	574	524	55	87	E 4	SE 1	0	0	—	
9	30.03	30.02	76.5	65.0	58.8	86.1	580	562	64	91	SE 1	E 0.5	8	10	—	
10	29.99	29.96	69.7	64.7	60.1	80.6	564	531	78	88	S 1	S 1	10	1	—	
11	29.94	29.93	81.1	71.7	57.0	93.4	562	541	53	69	SW 3	S 2	2	2	—	
12	29.95	29.94	69.7	68.9	64.5	82.4	561	578	83	83	NE 4	SW 0.5	10	10	—	
13	29.97	29.92	71.7	67.4	57.1	78.5	543	522	69	78	SW 4	SW 0.5	10	10	—	
14	29.96	30.02	66.4	57.4	57.4	74.4	456	400	71	85	NW 3	NW 1	2	10	—	
15	30.12	30.14	66.1	58.2	55.9	75.8	413	407	65	84	NW 1	SE 0.5	7	0	—	
16	29.13	29.07	69.8	62.9	48.6	83.0	494	437	68	77	SE 1	SW 0.5	8	0	—	
17	30.03	29.85	71.7	65.6	51.9	84.3	473	454	60	73	SW 1	NE 1	5	8	—	
18	29.91	29.86	71.0	59.8	56.9	81.3	552	470	72	92	SW 3	S 0.5	6	0	—	
19	29.88	29.90	64.0	57.6	53.1	78.2	439	472	74	100	S 4	SW 0.5	5	10	—	
20	30.02	30.12	65.7	57.2	47.9	75.8	437	391	70	84	E 2	SE 0.5	0	10	—	
21	29.19	29.21	68.8	60.1	55.2	78.2	539	467	77	90	E 0.5	ESE 0.5	4	2	—	
22	29.18	29.17	71.7	60.4	51.2	84.2	518	505	66	97	SSE 1	SE 1	3	0	—	
23	29.15	29.13	74.4	61.4	54.1	85.5	503	422	70	78	SE 1	SE 1	0	0	—	
24	29.09	29.08	74.4	67.0	54.6	86.5	526	558	61	85	SE 2	S 2	2	2	—	
25	29.99	30.08	60.5	54.6	54.1	68.2	467	336	80	79	NE 4	NE 3	10	4	—	
26	30.13	30.02	56.7	48.5	47.2	58.7	377	323	82	96	NW 2	NW 1	8	9	—	
27	29.91	29.80	55.0	50.9	38.1	58.0	304	370	85	100	W 2	SW 0.5	10	8	—	
28	29.62	29.62	56.8	55.0	50.1	66.1	459	367	99	85	W 3	W 0.5	10	10	—	
29	29.66	29.82	55.9	52.8	49.7	62.6	381	338	86	84	W 1	W 1	7	10	—	
30	29.86	29.77	58.7	59.7	50.0	66.6	407	482	83	95	SW 1	SW 1	8	5	—	
31	29.76	29.67	63.5	61.1	57.1	64.5	496	488	88	92	SW 1	SW 1	10	8	—	
Means	30.011	29.995	67.8	60.1	53.2	76.9	493	450	72.6	86.4	2.0	0.9	5.8	5.1	1.956	

## UPPINGHAM.

Height above Mean Sea Level, 484 feet. Long. 0° 44' W. Lat. 52° 35' N.

AUGUST 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative 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.	71.0	64.9	56.0	77.7	ins.	ins.	70	81	E by S 1	SE 1	9	0	ins.	Sunny and very warm.
2	29.91	29.98	68.0	57.3	57.3	72.7	498	401	73	85	W by S 2	Calm	0	8	—	
3	30.03	30.09	61.1	56.6	50.0	67.3	401	405	75	88	SW 2	SW 1	9	9	—	
4	29.20	29.28	60.7	53.3	53.3	68.6	340	312	64	76	NNW 1	Calm	0	5	—	Bright a. Overcast p.
5	29.26	29.20	61.8	58.9	46.6	76.1	396	368	72	74	NW 1	S by E 1	0	2	—	B. a. Bright all day.
6	29.18	29.10	65.1	59.6	47.5	80.8	443	444	73	87	SE 2	SE 1	2	0	—	Fine and sunny. Bright afterglow.
7	29.08	29.10	66.5	65.3	54.1	84.5	533	543	82	87	ESE 1	ENE 1	7	0	—	7.20a. B. a. Very fine and warm.
8	29.09	29.07	71.0	65.9	58.7	89.6	543	562	71	88	ENE 1	Calm	0	0	—	∞ <sup>0</sup> 6.30a. Day bright and hot.
9	29.03	29.01	70.4	63.5	58.8	83.3	556	561	74	96	Calm	Calm	0	4	213	T <sup>1</sup> p. K <sup>2</sup> from W. to E. sp. 8 <sup>0</sup>
10	30.00	29.95	64.9	64.3	59.0	77.2	539	545	88	90	Calm	Calm	0	10	4	[showers all p. K <sup>2</sup> 7p.
11	29.93	29.91	72.5	71.9	57.7	85.8	564	570	71	72	S by E 1	Calm	0	1	—	T <sup>0</sup> early a. Cloudless Noon—3p. <
12	29.93	29.95	66.2	62.5	61.3	72.4	544	497	85	88	Shy W 1	W 1	10	1	—	[in N. 9.30p. Almost overcast 11.40p.
13	29.97	29.94	63.7	62.0	56.4	75.2	529	524	90	95	SSW 3	Nwb.W 1	10	6	—	Overcast.
14	29.97	29.93	62.8	59.0	52.0	70.3	423	405	74	79	WSW 3	SW 2	6	10	—	
15	30.12	30.13	62.7	58.0	49.3	74.3	418	401	73	83	SSW 3	Calm	0	7	—	
16	30.12	30.05	64.1	67.5	53.7	80.9	457	453	77	67	Calm	Calm	0	0	—	Bright sun all day.
17	30.02	29.93	67.5	62.8	54.9	80.9	453	471	67	83	Calm	Calm	0	6	—	
18	29.92	29.88	57.7	61.3	53.0	75.8	464	496	97	91	sw b.S 1	SW 2	10	1	—	7a.—10.30a.
19	29.86	29.92	64.5	51.8	51.0	65.4	479	379	79	99	SSW 4	Nwb.S 1	7	2	084	11a.—2p.
20	30.04	30.11	61.9	60.3	48.9	70.8	434	452	78	87	NNW 1	Calm	0	10	—	Mackerel sky in SW. and W. p.
21	30.20	30.21	63.3	62.2	53.0	74.4	464	441	79	79	W 2	Calm	0	5	7	Bright sun all day.
22	30.18	30.13	67.8	61.6	56.1	80.2	521	432	77	79	Calm	S by E 1	0	0	—	Bright day.
23	30.13	30.10	68.8	64.3	52.7	83.7	559	442	80	74	SSE 1	S by W 4	0	0	—	
24	30.08	29.97	69.2	68.4	51.3	82.7	539	498	76	72	Shy W 5	S 3	0	1	—	
25	30.13	30.13	55.0	51.3	51.3	68.4	447	344	100	91	N by E 3	N 3	10	1	137	still 1.30 p. ~~~~ (mist).
26	30.14	30.06	53.7	49.2	42.4	54.2	354	337	86	97	N by W 3	WNW 2	10	10	—	Overcast all day.
27	29.94	29.81	52.0	50.0	46.8	52.4	361	361	93	100	WNW 1	Calm	0	10	222	Overcast all day. ~~~~ all a. ~~~~ (mist).
28	29.63	29.63	57.6	51.6	49.8	53.9	407	349	85	89	W 6	S by W 1	10	4	—	~~~ (mist) 9p.
29	29.66	29.83	56.0	50.3	47.1	68.4	368	334	82	92	NW 5	swb.W 2	3	2	—	
30	29.85	29.79	57.0	57.2	49.1	62.0	411	468	88	100	SW 3	WSW 1	10	7	156	Overcast all day.
31	29.76	29.65	59.4	59.8	56.4	62.6	487	501	97	97	SW 2	SSW 6	10	10	789	Overcast, with ~~~~ all day till 7.30p.
Means	30.011	29.998	63.4	59.8	52.8	73.8	467	445	79.9	86.0	1.9	1.1	6.1	3.8	1.611	



GELDESTON (BECCLES).

Height above Mean Sea Level, 37 feet. Long.  $1^{\circ} 31' \text{ E.}$  Lat.  $52^{\circ} 23' \text{ N.}$

AUGUST 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	66°	66°	54°	72°	in.	in.	°/a	°/a	E 1	Calm	8	0	ins.	☼ 6 p.p. D 2° op.
2	29° 95	29° 96	72°	65°	55°	83°	°580	°465	74	75	SSE 2	WNW 1	0	4	—	☼ 6 p.p. Pale, watery sunset.
3	30° 03	30° 09	63°	60°	53°	73°	°357	°420	61	81	WNW 1	E 1	8	8	—	
4	*18	*26	64°	56°	52°	71°	°335	°339	53	74	NW 1	Calm	6	1	—	
5	*28	*23	67°	55°	43°	71°	°393	°370	59	85	SSE 1	E 1	8	0	—	☼ 9 a. D 0° op.
6	*20	*12	67°	61°	44°	70°	°449	°494	67	91	E 2	E 2	0	0	—	
7	*08	*10	69°	65°	60°	74°	°490	°507	68	82	E 2	ENE 1	4	4	—	
8	*11	*09	71°	63°	56°	75°	°540	°508	69	88	E 1	ENE 1	0	0	—	D 0° op.
9	30° 04	30° 00	74°	63°	52°	77°	°551	°530	64	92	ESE 1	NE 1	6	10	—	☼ 10 a. D 0° op. < 0° later.
10	29° 99	29° 98	73°	65°	58°	77°	°530	°513	67	82	W 1	SE 1	10	8	*020	☼ 0 a. 10 a.—1 p. Fine afternoon
11	*97	*96	77°	67°	58°	86°	°661	°542	70	82	SE 1	ESE 1	0	1	*220	
12	*93	*93	66°	68°	63°	76°	°601	°595	94	86	ENE 2	Calm	0	10	*070	K 0 8.2 a. from SSW. to NNE.
13	*99	29° 95	71°	68°	58°	76°	°554	°563	72	82	W 1	SW 1	8	10	*030	[8.47 a. 0 2 < 8.50 a. ↑ to NE. 9.28 a. K 0 to S. 1 [ < 0 p. D 0° op.
14	29° 95	30° 02	62°	61°	60°	75°	°486	°464	87	87	WNW 1	WNW 1	10	4	—	p p 9 p.
15	30° 12	*15	67°	59°	54°	72°	°389	°460	58	91	N 1	E 1	0	0	—	p p 10 p.
16	*15	30° 10	70°	61°	51°	77°	°460	°466	63	86	SSE 1	SE 1	1	0	—	p p 10 p.
17	*04	29° 98	73°	63°	52°	78°	°489	°502	60	86	S 1	E 1	1	0	—	
18	29° 93	*39	68°	63°	55°	76°	°560	°503	81	87	SE 1	E 1	9	1	—	
19	29° 89	29° 89	67°	62°	54°	74°	°368	°483	55	86	WSW 2	NNE 1	6	10	*030	D 0° op.
20	30° 00	30° 12	63°	56°	53°	70°	°502	°419	86	93	N 1	Calm	0	1	—	< 0° op.
21	*19	*22	65°	59°	53°	76°	°471	°428	76	85	W 1	Calm	0	1	—	p p 9 p.
22	*20	*16	69°	62°	49°	74°	°475	°485	66	94	E 1	Calm	0	0	—	p p 0 a. D 0° op.
23	*16	*14	73°	59°	48°	76°	°433	°436	52	88	ESE 1	Calm	0	0	—	p p 9 p.
24	30° 12	*02	75°	66°	47°	82°	°541	°460	61	73	SSE 1	SE 2	0	0	—	
25	29° 96	*05	63°	52°	53°	66°	°495	°320	85	79	NNW 1	N 1	10	3	*140	
26	30° 09	30° 03	59°	49°	46°	62°	°378	°389	75	82	WNW 2	W 1	2	10	—	
27	29° 92	29° 82	56°	52°	40°	61°	°337	°361	74	93	WNW 1	WSW 1	2	10	*190	
28	*64	*64	57°	50°	50°	65°	°455	°394	95	79	SW 1	SW 1	10	10	*040	☼ 1.30 p.
29	*67	*54	56°	50°	50°	62°	°379	°305	83	82	WSW 1	WSW 1	10	4	*039	
30	*88	*81	60°	61°	49°	66°	°347	°495	66	92	WSW 2	SW 1	6	9	*080	
31	29° 78	29° 71	62°	63°	58°	67°	°541	°505	97	87	WSW 1	WSW 2	10	10	*230	
Means	30° 018	30° 010	66° 9	60° 6	53° 0	73° 4	*473	*456	71° 5	85° 4	1° 2	0° 9	5° 4	3° 8	1° 070	

CHEL TENHAM.

Height above Mean Sea Level, 184 feet. Long.  $2^{\circ} 3' \text{ W.}$  Lat.  $51^{\circ} 54' \text{ N.}$

AUGUST 1884.

1	30°08	20°95	72°6	60°5	51°3	79°2	*590	*586	74	82	S	2	S	4	5	1	—	Very fine day
2	29°92	30°02	68°5	59°3	58°4	69°7	*541	*518	83	83	S	5	S	1	5	9	—	Very fine.
3	30°06	"13	61°8	58°6	54°5	68°0	*424	*443	77	90	W	4	W	1	9	6	—	Very fine.
4	"24	"26	62°1	53°3	43°3	69°1	*399	*386	72	95	W	1	Calm	0	4	1	—	Splendid day.
5	"24	"18	64°5	52°2	44°8	74°2	*427	*385	71	99	Calm	0	S	1	1	0	—	Splendid day.
6	"15	"04	64°8	63°8	50°8	77°1	*483	*446	80	75	S	3	SE	3	0	0	—	Splendid day.
7	"06	"07	67°8	66°5	50°7	81°7	*528	*556	78	86	NW	1	N	1	0	0	—	Very fine and very sultry. ☐
8	30°06	"02	72°6	64°0	53°5	87°8	*615	*574	77	96	W	1	S	1	0	2	—	Extremely hot and bright. ☐
9	29°99	30°00	70°6	63°8	56°8	78°2	*637	*588	85	99	S	1	S	1	8	10	—	Fine till 4 p., then steady
10	"96	29°92	70°5	69°0	61°3	78°3	*622	*607	84	86	S	3	S	4	5	3	—	Fine a. and p. ☐
11	"90	"90	72°8	68°6	61°8	83°6	*630	*689	79	98	E	2	Calm	0	4	2	—	Very fine and hot. ☐ at night.
12	"92	"97	65°0	65°6	62°5	71°8	*552	*550	89	87	SW	2	SW	1	10	10	—	
13	29°97	29°96	65°3	61°5	60°3	74°0	*550	*498	89	92	S	2	Calm	0	6	10	—	Fine till 5.30 p., then
14	30°00	30°07	61°0	58°5	46°8	67°9	*449	*415	84	85	SW	1	SW	1	8	6	—	Very fine.
15	"15	"14	64°2	57°0	44°0	72°9	*568	*437	95	94	S	1	SW	1	5	0	—	Beautiful day.
16	30°14	30°05	65°6	57°2	46°1	75°6	*428	*437	68	93	S	1	S	1	1	0	—	Very fine.
17	29°99	29°92	72°0	64°3	49°2	79°1	*485	*548	61	91	SE	1	Calm	0	3	2	—	Hot day. ☐
18	"93	"89	67°0	66°7	49°7	74°8	*520	*526	80	81	W	1	SW	1	0	6	—	Hot day.
19	29°87	29°94	61°0	52°3	51°1	68°0	*520	*373	97	95	S	1	Calm	0	10	2	—	☐ a. Bright day.
20	30°06	30°11	63°2	54°3	43°0	72°4	*412	*516	71	86	W	1	SW	1	2	8	—	Fine day.
21	"23	"22	63°0	55°5	48°9	72°5	*501	*428	87	98	Calm	0	Calm	0	3	1	—	Fine day.
22	"18	"14	69°1	65°1	46°0	78°0	*483	*473	68	78	S	1	Calm	0	3	0	—	Fine day.
23	"11	30°11	72°0	61°9	55°5	81°0	*524	*454	66	83	S	1	E	1	0	—	Fine day, with wind.	
24	"04	29°97	76°2	71°6	58°0	83°7	*590	*531	66	69	S	3	S	2	0	8	—	Fine and hot.
25	"06	30°16	58°0	51°3	51°3	71°8	*451	*318	93	84	N	3	N	1	10	0	—	Dull a. Fine p. Windy.
26	30°19	30°10	54°2	51°0	46°6	59°6	*339	*322	80	86	Calm	0	W	1	10	10	—	Dull a. ☐ in afternoon.
27	29°97	29°80	55°6	53°0	45°8	60°0	*369	*374	83	93	W	1	W	2	10	10	—	☐ all day.
28	"68	"65	59°4	55°0	53°0	64°8	*410	*375	82	87	W	1	W	1	10	10	—	Fine day.
29	"72	"87	56°6	54°2	49°2	62°8	*360	*333	78	79	W	2	SE	1	6	9	—	
30	"85	"84	57°2	60°8	52°0	65°1	*427	*482	91	91	S	1	E	1	10	10	—	☐ showers.
31	29°75	29°66	62°6	62°0	58°7	65°6	*533	*482	95	87	S	2	S	1	10	10	—	☐ <sup>2</sup> all day.
Means	30°015	30°002	65°1	60°6	51°8	73°2	*496	*469	79°9	88°0	1°5		1°1	5°1	4°7	1°780		

## CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long.  $4^{\circ} 18' W.$  Lat.  $51^{\circ} 52' N.$

AUGUST 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.		
	ins.	ins.	°	°	°	°	in.	in.	%	%							
1	30°00	29°86	74°	62°	54°	78°	in.	in.	59	93	SW	4	SW	1	6	15	ins. °070
2	29°06	30°03	61°	56°	56°	63°	°393	°403	74	57	SW	1	W	2	9	9	—
3	30°07	°17	58°	54°	50°	64°	°386	°377	80	90	W	1	W	2	7	8	—
4	°25	°29	61°	49°	45°	65°	°323	°303	58	85	W	1	Calm	0	9	0	—
5	°25	°26	57°	50°	41°	69°	°365	°307	76	86	Calm	0	Calm	0	8	0	—
6	°09	°04	70°	59°	48°	75°	°594	°428	79	85	E	1	Calm	0	0	0	—
7	°04	°06	76°	65°	58°	79°	°552	°482	62	79	SE	1	SW	1	0	2	—
8	°04	30°07	79°	66°	58°	79°	°576	°441	58	86	Calm	0	Calm	0	0	0	—
9	30°02	29°99	68°	62°	53°	77°	°480	°500	70	88	SW	1	SW	1	2	10	°070
10	29°02	°89	73°	70°	61°	79°	°558	°574	68	76	S	1	Calm	0	6	0	↗ 10p.
11	°89	°89	71°	65°	56°	80°	°505	°576	65	91	Calm	0	Calm	0	3	0	°020
12	°91	°95	63°	63°	59°	69°	°554	°552	95	95	SW	2	S	2	10	6	°080
13	29°05	29°07	64°	54°	53°	67°	°503	°396	83	94	SW	3	Calm	0	9	9	°040
14	30°01	30°09	60°	56°	51°	65°	°437	°404	83	88	Calm	0	Calm	0	8	0	°020
15	°13	°13	64°	57°	48°	69°	°407	°439	79	92	SW	3	SW	1	9	6	—
16	°11	°04	66°	61°	50°	77°	°446	°469	69	86	SW	2	SW	1	4	4	—
17	30°06	30°02	70°	62°	54°	73°	°494	°485	67	87	SE	1	Calm	0	2	1	—
18	29°04	29°00	64°	57°	53°	70°	°505	°388	85	82	SE	1	W	1	4	6	°300
19	29°09	30°08	58°	54°	54°	67°	°437	°403	89	93	W	1	NW	2	8	4	°100
20	30°08	30°16	56°	55°	46°	69°	°428	°375	95	87	Calm	0	W	1	8	8	—
21	°22	°22	59°	56°	50°	69°	°424	°425	83	93	W	1	W	2	6	2	—
22	°15	°09	64°	62°	48°	76°	°451	°434	74	77	S	1	S	1	1	0	—
23	°07	30°07	71°	60°	52°	79°	°501	°465	64	88	SE	1	S	1	0	0	—
24	°06	29°08	71°	61°	53°	81°	°498	°477	66	88	E	2	SE	4	1	4	—
25	°08	30°21	60°	53°	52°	93°	°362	°302	70	75	N	8	NE	6	8	2	↖ in past n.
26	30°23	30°12	55°	53°	43°	59°	°305	°334	71	81	NW	5	NW	3	6	8	—
27	29°06	29°06	56°	50°	50°	58°	°381	°456	85	95	W	3	W	3	8	10	°270
28	°70	°64	59°	55°	51°	61°	°366	°340	73	87	N	6	W	4	6	10	°040
29	°76	°89	55°	54°	45°	62°	°311	°334	71	78	W	8	NW	2	8	9	°070
30	°85	°83	56°	60°	51°	64°	°443	°406	96	95	SW	1	W	2	8	10	°710
31	29°72	29°61	62°	59°	56°	64°	°541	°500	97	98	SW	5	SW	5	10	10	1430
Means	30°013	30°003	64°	58°	52°	70°	°455	°435	75°	87°	2°	1	1°	5	5°	4°	3°220

MARLBOROUGH.

Height above Mean Sea Level, 471 feet. Long.  $1^{\circ} 43' W.$  Lat.  $51^{\circ} 25' N.$

AUGUST 1884.

[illegible]



## MARGATE.

Height above Mean Sea Level, 83 feet. Long. 1° 24' E. Lat. 51° 24' N.

AUGUST 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	69°	61°	57°	71°	444	501	61	94	SE 2	E 1	5	0	—	Fine day.
2	29°97	00	72°	68°	59°	85°	491	526	62	77	S 2	W 1	1	1	—	Dry 82°0, wet 69°0 at 2.4
3	30°97	20	62°	61°	56°	71°	509	406	65	76	W 2	SW 1	8	10	—	
4	21	29	63°	57°	57°	69°	404	366	71	78	NW 1	Calm	0	0	—	Fine day.
5	30	23	66°	59°	55°	68°	385	409	61	79	SE 1	E 2	1	0	—	Fine and breezy.
6	17	08	66°	63°	58°	68°	461	492	73	83	E 2	E 2	0	0	—	Fine day. Pretty sunset.
7	07	09	69°	67°	63°	74°	520	541	73	81	E 1	Calm	5	7	—	Hot day.
8	08	02	70°	67°	60°	76°	550	514	87	78	E 1	Calm	0	0	—	Hot day.
9	02	30°01	70°	64°	59°	72°	526	550	71	91	E 2	SE 1	0	9	—	Hot day.
10	30°01	29°99	68°	64°	62°	75°	524	480	75	80	N 1	SE 1	9	0	—	Fine day.
11	29°97	07	80°	72°	64°	83°	485	507	47	64	SE 1	Calm	0	0	—	Very hot day.
12	29°94	08	74°	63°	63°	78°	584	483	67	82	S 1	SE 2	1	0	—	K. Dull at times. Very hot.
13	30°08	29°98	69°	65°	59°	76°	483	509	67	83	S 2	SE 2	8	10	—	
14	29°98	30°04	63°	66°	60°	72°	461	425	80	67	SW 2	SW 1	9	1	—	
15	30°15	18	63°	61°	56°	70°	431	388	74	73	SW 1	SW 2	2	0	—	Fine day.
16	17	30°09	68°	63°	55°	73°	550	528	79	89	SW 1	Calm	0	0	—	Rather dull. < p.
17	30°08	29°98	74°	66°	61°	77°	418	462	49	73	SE 1	Calm	0	0	—	~ a.
18	29°95	08	66°	63°	62°	75°	461	501	73	87	SE 1	Calm	0	10	—	
19	29°89	29°90	67°	60°	54°	72°	361	439	52	83	S 2	Calm	8	10	—	380 in afternoon.
20	30°01	30°10	62°	62°	58°	69°	454	453	81	82	W 1	Calm	0	0	—	
21	19	25	65°	60°	57°	72°	496	449	79	87	Calm	Calm	0	0	—	~ in afternoon.
22	19	15	67°	63°	55°	69°	528	533	79	92	W 1	NW 1	0	0	—	
23	16	18	70°	65°	61°	72°	477	492	64	80	NW 1	NE 1	0	0	—	Very hot at noon.
24	30°08	04	75°	68°	61°	79°	465	437	53	64	Calm	S 1	0	0	—	~ a. in afternoon. Cold day.
25	29°99	09	62°	58°	54°	70°	427	308	77	62	E 1	E 4	10	0	—	Cooler all day.
26	30°10	30°08	59°	54°	54°	62°	346	288	70	69	N 2	E 2	3	0	—	Cooler all day.
27	29°91	29°88	62°	52°	52°	62°	424	355	77	88	NW 2	Calm	0	3	—	
28	07	70	61°	57°	52°	69°	498	421	93	87	S 3	E 2	10	3	—	
29	70	91	58°	53°	51°	65°	328	274	67	69	SW 2	W 2	3	0	—	Fine day.
30	93	86	59°	62°	51°	65°	356	528	72	95	SW 3	W 3	10	10	—	
31	29°83	29°78	65°	62°	60°	69°	516	491	83	88	W 3	W 3	10	10	—	Dull and windy.
Means	30°031	30°033	67°	62°	57°	72°	462	454	70°	80°	1°	1°	4°	2°	0°	

## SOUTHAMPTON.

Height above Mean Sea Level, 78 feet. Long. 1° 24' W. Lat. 50° 55' N.

AUGUST 1884.

1	30°10	30°00	70°8	64°6	54°8	80°5	563	494	74	82	S	2	SE	2°5	1	0	—	Beautifully fine and very warm.
2	29°97	04	71°8	58°7	58°7	76°5	543	395	69	79	NW	2°5	NW	1°5	10	3	—	Beautifully fine and warm.
3	30°11	15	64°5	61°7	52°6	68°0	414	447	68	81	SW	1°5	W	2	10	10	—	Fine and very pleasant.
4	24	27	68°0	59°7	50°1	74°5	464	443	67	87	W	1	WSW	1	2	0	—	Delightfully fine and pleasant. D n.
5	26	18	68°6	58°1	48°9	74°1	443	389	63	80	SSE	2	SE	1	0	0	—	Delightfully fine and pleasant.
6	13	06	70°7	64°8	49°5	79°3	454	513	60	83	S	2	S	1	1	0	—	Delightfully fine and very warm. D n.
7	06	06	74°5	68°9	56°8	86°1	571	557	67	79	NE	1	Calm	0	0	1	—	Very warm throughout. D n.
8	30°07	30°05	77°1	70°3	59°9	86°6	605	557	65	75	NE	1	Calm	0	0	2	—	Very warm throughout. D n.
9	29°99	29°99	78°6	68°7	62°6	85°6	597	550	61	78	Calm	0	NE	4	5	10	009	Pleasant throughout. 8.30p.—9p.
10	99	93	70°9	69°0	64°4	83°6	538	480	71	67	NE	2	Calm	0	7	2	—	Beautiful day, but very warm.
11	05	29°95	76°6	67°9	61°4	87°0	589	593	65	87	SE	1	SSE	0°5	0	10	—	Very warm throughout.
12	29°96	30°02	72°6	66°9	63°2	75°5	530	544	66	82	WSW	2°5	SW	2°5	5	10	—	K <sup>2</sup> 1a. Day fine and very pleasant.
13	30°02	29°99	67°5	63°0	62°2	71°2	535	540	79	94	SW	3	SW	2	10	10	070	Beautiful day. showers 6.30p.—11.30p.
14	02	30°09	68°0	60°7	55°0	73°1	458	390	66	74	NW	2	NW	1°5	4	1	—	Beautifully fine and pleasant. [grass n.
15	16	16	68°1	61°0	50°1	73°9	412	461	60	86	WSW	1	SW	1	1	0	—	Beautifully fine and pleasant. D n.
16	30°06	30°06	66°1	61°9	48°8	76°6	466	453	73	82	E	1	NE	1	1	0	—	Beautifully fine and very warm.
17	30°00	29°97	73°0	62°5	55°0	80°9	505	490	62	87	SE	2°5	SW	0°5	0	1	—	Very warm throughout. D n.
18	29°97	05	71°6	61°4	55°0	77°8	506	432	65	80	SW	2	SW	2	1	1	—	Beautifully fine and very warm.
19	29°92	29°96	65°5	57°7	51°6	69°4	438	400	71	84	SW	4	NW	1°5	9	0	110	Fine and pleasant a.m. 2° mid-day.
20	30°06	30°13	65°2	62°8	50°8	76°6	408	443	66	78	NE	1°5	NE	1°5	1	9	—	Beautifully fine and pleasant.
21	22	22	68°9	62°2	52°7	78°7	458	424	64	76	NE	0°5	NE	0°5	1	0	—	Beautifully fine and very warm.
22	18	10	70°0	63°3	53°1	76°7	413	476	56	81	SE	1°5	NE	0°5	0	0	—	Beautifully fine and warm.
23	10	30°08	75°0	65°7	54°2	81°6	542	490	62	78	SE	1°5	SE	0°5	0	0	—	Beautiful day with pleasant breeze. but very warm.
24	30°07	29°99	75°4	68°2	57°6	83°4	494	454	53	65	SE	1°5	E	3	0	5	352	Very warm throughout. < in evening.
25	29°97	30°12	65°3	54°8	54°6	69°1	539	306	86	72	NNE	2°5	N	4	10	0	—	K <sup>2</sup> early a. Day much cooler.
26	30°18	30°09	60°0	49°8	46°2	64°6	333	290	62	82	N	3	NW	1°5	1	1	—	Morning delightfully fine and pleasant.
27	29°98	29°83	54°8	50°2	46°1	58°4	351	443	82	93	SW	1	SW	2°5	10	10	330	Overcast a. from 11.30a. [Cool.
28	71	71	60°1	55°3	54°9	69°3	440	345	86	78	NW	2	SW	1°5	10	10	—	~ till 6a. Day fine and pleasant.
29	74	94	61°1	54°8	50°9	66°8	345	345	65	80	NW	3	SW	1	1	10	028	Day fine and very pleasant.
30	90	90	61°9	62°0	53°7	67°8	509	513	93	93	W	2	SW	3	10	10	072	~ showers.
31	29°83	29°73	64°0	62°7	60°0	65°6	529	504	89	89	SW	2°5	SW	4°5	10	10	300	Dull and close a. showers during day.
Means	30°031	30°024	68°6	62°1	54°7	75°4	483	457	69°0	81°2	1°8		1°6	3°9	4°1	1°271		

## ST. LEONARDS.

Height above Mean Sea Level, 116 feet. Long. 0° 33' E. Lat. 50° 51' N.

AUGUST 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	68°	65°	58°	71°	in.	in.	%	%	SE	ENE	2	1	0	ins.	Very fine all day.
2	30°10	30°03	68°	65°	58°	71°	530	437	72	69	SE	ENE	2	1	0	—	Fine all day. D at night.
3	29°97	01	70°	61°	61°	71°	533	407	71	87	SE	WNW	2	0	2	—	Cloudy.
4	30°10	14	62°	59°	54°	67°	361	420	64	82	WNW	NW	3	7	7	—	
5	22	20	65°	60°	55°	72°	341	433	54	82	NNW	SE	2	0	1	—	
6	28	21	67°	59°	59°	69°	368	393	53	79	ESE	NE	3	1	0	—	Very fine all day. D op.
7	14	05	70°	65°	57°	77°	463	453	61	73	ESE	NE	4	0	0	—	Very fine all day.
8	04	05	73°	71°	62°	81°	517	463	62	59	E	NE	3	3	2	—	Fine all day.
9	06	04	81°	71°	66°	84°	560	455	52	59	NE	ENE	2	0	0	—	Fine all day.
10	00	30°00	76°	69°	66°	77°	541	416	59	57	E	Calm	0	2	4	—	Fine till 3p.
11	30°00	29°95	68°	71°	65°	82°	509	487	72	63	E	E	3	9	1	—	Overcast till 10a., then fine. < in SE [at night.
12	29°97	29°96	74°	69°	65°	84°	491	512	58	70	SE	NW	3	0	0	031	Very fine all day.
13	29°95	30°02	73°	62°	62°	73°	611	507	75	89	SW	WSW	3	2	8	—	K 3.30a.
14	30°05	00	66°	63°	62°	69°	556	530	86	92	SW	WSW	2	10	10	120	Cloudy. 3p.
15	00	06	63°	61°	59°	73°	468	422	81	78	WNW	W	2	8	2	—	
16	15	17	65°	60°	53°	68°	378	404	60	77	NW	Calm	0	0	0	—	
17	30°03	29°97	70°	68°	61°	76°	482	456	64	65	ESE	NW	2	0	10	—	Very fine all day.
18	29°96	95	65°	63°	61°	69°	536	527	86	91	SW	W	3	10	1	—	< at night.
19	29°95	29°94	65°	60°	56°	67°	471	486	76	92	SSW	SW	2	5	2	0027	Overcast a. D op.
20	30°04	30°12	64°	64°	54°	75°	494	452	66	76	W	E	1	0	0	—	< in SE at night.
21	20	23	73°	63°	60°	74°	481	371	58	63	NNE	Calm	0	0	0	—	< over sea in past n. Day fine.
22	19	13	69°	64°	58°	74°	514	428	71	70	ESE	E	4	0	0	—	Fine all day.
23	12	11	74°	60°	61°	78°	598	463	46	71	E	E	4	3	0	—	Very fine all day.
24	30°11	02	71°	68°	61°	75°	368	403	60	59	ESE	E	2	0	0	—	Very fine all day.
25	29°94	06	67°	55°	54°	71°	471	342	71	79	E	N	4	10	3	009	Very fine all day. < in W. at night.
26	30°12	30°07	59°	51°	48°	66°	308	281	61	74	ENE	N	2	0	1	006	Overcast day. (gale) [afternoon
27	29°96	29°85	55°	54°	48°	60°	320	390	72	92	NW	W	1	9	10	494	Overcast day. from 3p.
28	60	70	60°	59°	54°	64°	518	394	98	79	SW	W	4	10	4	159	(moderate gale) in past n.
29	72	93	59°	53°	53°	64°	450	300	68	73	W	NW	2	2	1	090	K 4a.
30	94	91	58°	52°	52°	65°	465	531	95	94	WSW	WSW	6	10	10	108	Overcast all day. a. Squally.
31	29°87	29°80	62°	61°	60°	63°	539	504	97	93	W	W	4	10	9	110	Overcast day. showers.
Means	30°034	30°026	67°	63°	58°	72°	464	437	68°	76°	2°	2°	3°	2°	1°	208	



## BABBACOMBE.

Height above Mean Sea Level, 293 feet. Long. 3° 31' W. Lat. 50° 29' N.  
AUGUST 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative 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.		
1	ins.	ins.	66.8	62.3	59.1	70.7	ins.	ins.	80	92	E 2	E 1	1	—	n. and p. Fine day.
2	ins.	ins.	64.8	58.3	57.0	72.7	ins.	ins.	72	73	W 2	W 2	9	3	—
3	ins.	ins.	63.2	55.8	55.3	67.7	ins.	ins.	67	85	WNW 3	W 1	8	3	—
4	ins.	ins.	61.3	56.7	51.0	67.7	ins.	ins.	73	73	NE 1	NNE 2	9	4	—
5	ins.	ins.	61.8	58.7	46.5	68.2	ins.	ins.	66	82	E 1	E 1	0	3	—
6	ins.	ins.	61.8	61.3	54.0	69.7	ins.	ins.	89	84	E 2	E 1	8	1	—
7	ins.	ins.	60.3	62.9	57.0	72.7	ins.	ins.	63	90	E 1	E 1	3	3	—
8	ins.	ins.	62.3	66.6	57.0	70.7	ins.	ins.	64	67	NE 1	NNE 2	2	3	—
9	ins.	ins.	60.2	60.2	58.0	73.0	ins.	ins.	70	87	NNE 1	ENE 2	7	9	—
10	ins.	ins.	60.2	60.2	58.0	73.0	ins.	ins.	70	87	NE 2	E 2	4	3	—
11	ins.	ins.	60.8	61.8	61.0	70.7	ins.	ins.	75	97	ENE 2	Calm	0	10	—
12	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	SW 3	10	10	—
13	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	WNW 2	7	9	—
14	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	WNW 2	7	9	—
15	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	WNW 2	7	9	—
16	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	WNW 2	7	9	—
17	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	WNW 2	7	9	—
18	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	WNW 2	7	9	—
19	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	WNW 2	7	9	—
20	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	WNW 2	7	9	—
21	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	WNW 2	7	9	—
22	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	WNW 2	7	9	—
23	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	WNW 2	7	9	—
24	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	WNW 2	7	9	—
25	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	WNW 2	7	9	—
26	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	WNW 2	7	9	—
27	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	WNW 2	7	9	—
28	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	WNW 2	7	9	—
29	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	WNW 2	7	9	—
30	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	WNW 2	7	9	—
31	ins.	ins.	60.8	63.7	61.0	70.7	ins.	ins.	69	91	SW 3	WNW 2	7	9	—
Means	30.038	30.035	65.1	59.5	54.9	69.0	456	427	73.7	83.7	2.1	2.1	5.5	5.1	0.770

## ST. AUBIN'S, JERSEY.

Height above Mean Sea Level, 139 feet. Long. 2° 10' W. Lat. 49° 11' N.  
AUGUST 1884.

1	30°10'	30°01'	74°2'	70°1'	63°2'	80°3'	546	539	64	73	ENE 1	Calm	0	0	—	Extremely fine.	
2	30°06'	30°01'	62°9'	58°9'	58°0'	70°1'	518	376	91	75	Calm	0	7	0	—	∞. Extremely fine. D p.	
3	30°18'	30°02'	62°4'	61°7'	56°0'	66°8'	395	343	70	63	SW 1	Calm	0	7	0	Extremely fine. [harvest began.	
4	30°29'	30°03'	60°7'	59°7'	55°1'	67°3'	447	377	71	73	Calm	0	NE 1	2	0	D a. and p. Extremely fine. Wheat	
5	30°26'	30°10'	65°1'	61°1'	51°0'	71°3'	446	444	72	82	ENE 3	NE 2	1	0	—	D a. Extremely fine and bright.	
6	30°11'	30°04'	69°3'	65°9'	59°0'	76°0'	487	500	63	79	E 2	ENE 2	0	0	—	Extremely fine. ∞ p.	
7	30°05'	30°07'	74°2'	70°8'	61°9'	84°0'	554	530	65	69	Calm	0	0	0	—	Extremely fine and hot.	
8	30°08'	30°08'	76°6'	66°1'	61°9'	80°0'	582	562	64	87	Calm	0	NW 1	0	1	Extremely fine and hot.	
9	30°03'	30°00'	72°8'	67°8'	63°2'	82°9'	568	504	72	74	Calm	0	Calm	0	9	☀ p. Very hot.	
10	30°06'	30°05'	76°2'	69°1'	66°0'	86°3'	740	513	82	73	ENE 1	E 1	0	7	0.10	Hottest day recorded here, except July 15th, 1881. ☀ a. and p. 6.15 p. Squall 6 p.—6.30 p.	
11	30°08'	30°08'	67°2'	65°1'	63°2'	72°7'	681	585	95	94	Calm	0	Calm	0	8	—	☀ a. Gloomy. ☀ p.
12	30°05'	30°10'	66°8'	62°2'	60°1'	71°1'	539	546	85	98	SW 1	NW 1	3	5	—	Much cooler. Cloudy.	
13	30°08'	30°07'	66°8'	61°1'	58°2'	68°0'	582	435	89	87	SW 1	NW 1	5	9	2.40	—	
14	30°10'	30°07'	63°2'	59°2'	57°2'	65°8'	497	452	86	91	WNW 2	NW 1	4	0	—	Extremely fine. Cool.	
15	30°22'	30°08'	62°1'	60°1'	55°9'	68°3'	480	446	86	86	WSW 1	NE 1	4	0	—	Extremely fine. Cool.	
16	30°15'	30°08'	65°9'	65°0'	56°9'	74°1'	468	472	74	77	E 1	NE 1	0	0	—	Extremely fine. ∞ p.	
17	30°05'	30°03'	65°8'	62°9'	58°9'	70°1'	366	396	91	69	WSW 1	Calm	0	1	0	Extremely fine. < in SE. p.	
18	30°03'	30°03'	71°0'	62°6'	58°2'	74°3'	526	505	69	89	SW 1	Calm	0	2	7	Extremely fine. D a. and p.	
19	30°09'	30°06'	67°0'	59°2'	57°4'	69°4'	483	442	73	89	SW 3	W 1	5	0	0.00	☀ showers a. Fine evening. D < p.	
20	30°11'	30°08'	66°4'	56°7'	55°0'	71°4'	410	403	63	88	NW 2	Calm	0	4	0	D a. and p. Extremely fine.	
21	30°25'	30°04'	70°4'	63°0'	55°0'	73°9'	454	506	61	88	NE 1	NE 2	2	0	—	D a. Perfect summer day.	
22	30°18'	30°08'	71°0'	66°5'	60°0'	77°3'	536	536	69	82	E 2	SE 3	0	0	—	D a. ∞. Perfect summer day. [Bar. falling till 7 p.	
23	30°08'	30°06'	76°2'	70°2'	63°6'	82°2'	556	505	59	68	ENE 1	E by N 2	0	0	—	☀. Extremely fine and hot. Very dry.	
24	30°08'	30°07'	73°4'	74°3'	66°1'	82°1'	489	439	60	52	E by N 2	E 2	0	2	—	Extremely fine and hot. Humidity 41%.	
25	30°06'	30°11'	69°4'	60°0'	60°0'	74°5'	520	369	72	71	E by N 1	NE 3	10	7	2.10	Gloomy, with ☀ [2 p. < p.	
26	30°20'	30°16'	62°1'	56°8'	55°0'	65°0'	315	333	57	70	NE 3	NW 1	2	7	—	Earthquake 2.5 a. Very cloudy. Cool.	
27	30°05'	30°03'	58°3'	58°1'	51°0'	64°0'	328	477	73	98	SW 1	W 2	9	10	1.00	Gloomy and overcast. ☀ p. [☀ p.	
28	30°22'	30°03'	61°1'	58°0'	56°7'	64°3'	339	385	100	80	NW 1	W 1	10	9	1.20	Scotch ☀ (mist): Very cloudy.	
29	30°27'	30°06'	66°1'	57°8'	53°1'	62°0'	387	367	85	77	NW 3	W 3	6	3	1.30	[cast.	
30	30°04'	30°06'	61°4'	62°0'	56°3'	66°5'	445	530	100	94	WSW 5	WSW 5	10	10	0.15	Scotch ☀ (mist). Gloomy and over-	
31	30°07'	30°06'	65°5'	62°0'	60°5'	67°1'	503	487	80	88	SW 3	SW 3	9	2	1.60	Squally a. ☀ showers. Gloomy. ☀ [at times.	
Means	30°077	30°072	67°3	63°0	58°7	72°5	504	460	75.5	80.1	1.4	1.2	3.6	2.8	1.295		

Earth temperature: Mean of 11 readings (every third day), at 1 foot, 69° 4'; 3 feet, 67° 1'; 6 feet, 61° 0'.  
NOTE.—The observations printed in italic type from the 1st—17th, and from the 27th—30th, were taken at Noirmont (the Telegraphic Reporting Station), with standard instruments.

## LONDONDERRY.

Height above Mean Sea Level, 93 feet. Long. 7° 19' W. Lat. 55° 0' N.  
AUGUST 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	64.7	64.6	57.0	76.3	ins.	ins.	79	78	E	SW	3	5	6	ins. 0.10	Fine and clear all day.
2	67	29.83	60.2	55.0	52.0	65.6	390	354	75	82	SW	SW	4	10	8	—	☀
3	29.88	30.06	57.7	53.4	51.8	60.8	368	364	77	90	WSW	WSW	2	10	10	0.10	—
4	30.16	30.17	58.1	56.4	50.0	64.7	354	364	73	80	SW	S	2	10	9	—	—
5	30.03	30.03	60.3	60.7	52.8	71.4	356	414	68	78	SW	S	3	8	1	—	Fine and clear.
6	30.03	30.09	66.7	60.7	55.8	75.4	425	420	65	79	S	SW	2	4	3	—	Fine and clear.
7	30.13	30.13	66.7	59.2	58.0	72.1	469	464	71	93	SW	E	1	10	10	—	—
8	30.06	30.06	63.7	58.7	54.9	74.0	494	468	83	95	N	NW	1	4	10	—	∞
9	30.03	30.04	59.7	57.2	56.0	75.1	459	450	92	98	NE	NE	1	10	2	—	☁ (mist) or ☁
10	29.87	29.87	60.2	60.5	56.2	75.5	503	521	70	99	SW	S	1	10	10	0.10	Fine till 3 p. ☀ 4 p.—5 p.
11	30.03	30.03	58.2	58.0	50.0	65.7	460	479	95	99	ESE	E	1	10	10	0.10	Overcast with ☁ (mist).
12	30.03	30.03	66.2	61.7	57.8	77.2	558	536	87	98	S	Calm	0	10	10	0.60	Fine till 5 p. ☀ showers 5 p.—10 p.
13	30.03	30.03	63.2	57.1	53.2	68.0	490	396	71	84	SW	SW	3	6	1	—	—
14	30.03	30.03	61.0	57.3	52.2	67.3	381	421	72	89	WSW	WSW	1	5	6	1.60	☀ all day.
15	30.03	30.03	57.2	60.0	53.4	63.0	439	482	91	93	SE	S	2	10	10	0.30	☀ all day.
16	30.03	30.03	59.7	57.1	56.6	64.0	487	467	95	100	SW	Calm	0	10	10	0.80	☀ all day.
17	30.03	30.03	62.7	56.2	55.7	71.0	508	443	89	98	WSW	SW	1	10	3	1.60	—
18	30.03	30.03	61.8	58.0	55.5	68.4	489	427	88	88	SW	SW	3	9	4	0.40	—
19	30.03	30.03	56.7	50.5	49.6	65.0	392	347	85	94	WSW	Calm	0	7	0	—	—
20	30.01	30.01	59.1	58.8	45.0	66.1	412	408	82	82	S	S	4	8	8	0.40	—
21	30.01	30.01	58.5	58.7	47.8	66.3	327	438	66	88	NE	SSE	2	6	10	—	Fine all day. ☉ 2 p.—3 p.
22	30.01	30.01	61.7	63.4	57.0	73.7	336	466	61	80	S	SSW	3	10	10	—	—
23	30.03	30.03	60.0	58.8	57.2	73.6	459	455	75	93	S	S	1	6	2	—	—
24	30.03	30.03	56.7	53.7	51.8	62.2	436	362	95	88	WSW	WSW	1	10	2	0.10	—
25	30.18	30.18	56.7	50.5	46.2	62.0	336	288	72	79	NW	NW	2	4	0	0.70	—
26	30.17	30.09	50.4	51.7	46.0	57.2	360	362	81	94	W	SSE	1	10	10	0.30	—
27	30.01	30.08	53.7	52.7	50.3	59.0	404	375	98	94	SE	SW	1	10	10	0.40	☀ all day till 8 p.
28	30.08	30.08	55.7	48.5	47.2	58.0	329	311	73	91	W	SW	1	7	7	1.30	Overcast, with ☀ showers all day.
29	30.08	30.08	58.2	52.6	45.0	59.5	363	358	75	90	W	WSW	2	6	10	0.50	—
30	30.08	30.08	55.2	53.0	50.0	63.0	357	366	82	91	SSW	S	1	10	10	0.10	—
31	30.08	30.03	54.2	50.7	48.3	61.0	355	358	84	96	SW	W	1	10	7	0.80	—
Means	29.937	29.923	60.2	56.6	52.5	67.2	416	414	79.7	89.7	1.7	1.6	8.2	6.7	3.100	—	—



## MARKREE CASTLE, SLIGO.

Height above Mean Sea Level, 131 feet. Long. 8° 27' W. Lat. 54° 11' N.

AUGUST 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	60°0	62°2	53°6	75°9	ins.	ins.	79	87	SSE 4	S 6	4	10	ins.	during day.
2	29°89	29°62	56°9	53°2	52°6	62°5	389	344	84	85	SSW 5	SW 1	10	8	0.010	n. abating in forenoon.
3	29°91	30°09	56°6	53°0	51°0	61°4	357	350	77	87	WSW 2	Calm	10	10	—	
4	30°17	30°17	57°0	53°1	48°9	64°4	369	351	79	86	SW 1	S 1	10	10	—	
5	30°09	30°02	58°0	57°7	49°4	70°0	367	384	76	80	SE 1	SSE 1	9	3	—	
6	29°99	29°07	64°9	57°3	54°4	73°6	457	436	75	92	SW 3	NNE 0.5	8	7	—	
7	30°04	30°10	61°1	56°5	54°1	69°1	469	424	87	93	Calm	NNE 0.5	10	6	—	
8	30°06	30°06	62°3	55°4	53°3	68°5	480	419	85	96	NNE 0.5	N 0.5	8	8	—	
9	29°99	29°90	57°1	60°9	47°1	72°4	433	462	92	87	SE 0.5	SSE 0.5	10	6	—	
10	29°83	29°86	65°9	56°1	56°0	70°9	491	442	77	98	SE 1	NNW 2	10	10	260	
11	29°80	29°87	59°1	53°3	53°3	72°4	423	421	85	89	SSE 1	Calm	10	9	—	
12	29°82	29°84	64°6	57°3	46°2	72°4	423	421	85	89	SSE 1	Calm	10	9	—	
13	29°80	29°84	58°8	53°2	50°0	66°8	391	377	79	93	S 2	SSW 1	10	10	190	
14	29°81	29°88	59°2	55°7	49°1	63°6	383	401	76	90	WSW 2	SSE 0.5	10	10	280	
15	29°88	29°89	58°6	60°4	53°9	62°9	407	502	96	96	S 3	S 3	10	10	280	
16	29°93	29°90	60°2	58°9	58°5	61°7	412	409	98	100	S 0.5	Calm	10	10	0.010	
17	29°89	29°88	59°2	56°9	56°6	64°4	401	430	100	94	Calm	Calm	10	10	0.010	
18	29°83	29°84	59°2	58°3	56°4	65°9	481	441	96	90	S 0.5	SSE 2	10	10	0.010	
19	29°77	29°95	59°6	53°0	50°4	64°5	415	380	81	94	Calm	Calm	10	10	0.010	
20	29°99	30°02	57°0	58°1	46°1	60°2	356	455	76	93	SSW 2	SW 2	10	10	0.050	
21	30°21	30°09	58°6	60°0	43°2	64°8	343	515	70	99	E 0.5	SE 1	4	10	0.010	
22	30°03	29°98	60°1	58°0	57°6	68°0	474	445	91	92	SE 1	SSE 0.5	10	10	—	
23	29°99	29°99	64°0	54°0	53°6	71°0	458	391	77	94	SSW 1	Calm	5	5	0.020	
24	29°98	29°06	57°0	49°9	49°7	64°7	408	304	88	86	SSE 0.5	Calm	10	7	—	
25	30°20	30°20	56°1	48°0	45°6	59°8	418	272	92	82	NNW 2	Calm	7	4	—	
26	30°18	30°07	56°2	52°6	44°1	57°7	357	386	79	97	W 2	Calm	10	10	0.010	Overcast all day.
27	29°90	29°08	56°3	52°3	51°5	60°0	442	362	97	92	W 0.5	Calm	10	10	0.400	Overcast all day.
28	29°60	29°60	53°0	44°8	44°5	57°9	322	280	80	95	SW 1	Calm	9	4	350	
29	29°70	29°77	51°2	50°7	43°3	59°2	343	331	91	89	WNNW 2	Calm	10	10	110	Overcast all day.
30	29°71	29°74	54°9	51°2	50°1	64°4	408	340	95	91	Calm	Calm	10	10	—	
31	29°71	29°58	51°3	51°1	45°6	59°4	344	355	91	94	S 0.5	Calm	10	8	0.050	
Means	29°922	29°912	58°7	54°9	50°6	65°3	422	399	85°1	91°6	1°3	0°7	9°1	8°2	2°940	

## DUBLIN.

Height above Mean Sea Level, 51 feet. Long. 6° 15' W. Lat. 53° 20' N.

AUGUST 1884.

1	30°02	29°80	63°2	63°2	55°2	73°2	479	451	83	78	SSE 2	SSW 2	3	4	—	Very fine and warm. Squally 7p.
2	29°84	29°95	60°1	57°0	56°9	66°1	339	329	66	71	WSW 4	WSW 3	9	7	—	Squally a. and p.
3	29°99	30°12	58°8	56°5	54°9	63°6	335	334	68	73	WSW 5	Wby S 3	9	7	—	Squally a. Very fine p.
4	30°23	30°24	58°8	58°0	53°5	62°7	330	340	67	71	W 3	SW 1	10	7	—	
5	30°20	30°12	59°8	60°0	50°2	69°0	322	394	63	76	SSW 3	SSW 2	6	4	—	Very fine and warm.
6	30°09	30°04	65°7	61°9	56°9	71°2	402	427	65	77	S 4	S 2	3	3	—	Very fine and warm.
7	30°06	30°09	68°1	61°9	61°0	70°9	401	460	72	84	SSW 3	SE 2	6	0	—	Very fine. Cool sea breezes.
8	30°05	30°05	65°0	65°9	57°0	74°2	502	472	82	74	SE 2	S 2	2	0	—	a. Very fine day. Sultry evening.
9	30°01	29°96	63°7	63°5	55°0	67°5	474	498	80	85	NE 2	Calm	0	5	—	Very fine and warm. Sultry p. [m] op.
10	29°90	29°87	62°5	64°8	60°5	73°4	404	575	74	94	NE 3	Calm	0	8	100	m (mist) ga. and p.
11	29°89	29°89	66°6	61°7	61°1	69°1	572	508	88	93	SE 2	Calm	0	7	—	R. m p.
12	29°86	29°88	65°2	66°1	58°1	74°9	441	518	72	81	SSW 2	S 2	7	6	0.018	a. Day very fine and hot.
13	29°91	29°91	61°3	58°8	58°4	70°2	412	409	76	83	W 3	WSW 4	5	7	0.047	a. and p. < p.
14	29°99	30°03	60°0	61°2	53°9	66°1	359	399	69	75	WSW 4	WSW 1	7	7	—	< 9p.
15	30°04	30°01	63°0	63°8	57°0	67°4	420	402	73	69	SSW 2	SW 4	7	7	—	Squally p.
16	30°01	29°97	65°4	64°0	61°0	72°8	434	445	70	75	SSW 3	S 3	6	8	0.010	
17	29°95	29°94	66°1	65°2	60°4	74°9	485	506	76	82	NE 1	S 2	5	4	—	Very fine and warm. Electrical clouds.
18	29°88	29°79	65°8	59°5	56°0	70°5	504	350	80	69	S 1	SW 3	5	4	—	m 6.30a. Day bright.
19	29°81	29°95	60°2	58°9	55°8	66°5	363	437	70	88	WSW 4	WNNW 2	4	4	0.065	Squally n. and a. Cooler day.
20	30°05	30°07	59°0	61°0	54°2	68°6	393	383	79	92	W 2	W 3	3	3	—	
21	30°21	30°17	59°3	61°0	57°0	63°4	456	494	91	73	N 1	NE 2	10	10	—	Dull and cool.
22	30°07	30°07	62°8	60°7	55°5	69°7	417	424	73	80	SSE 2	SE 2	3	2	—	Beautifully fine.
23	30°05	30°06	65°1	67°9	57°9	72°7	509	502	83	73	SE 2	SSW 2	0	0	—	Brilliant, very warm and settled.
24	30°00	30°00	64°8	57°0	56°9	71°5	472	385	78	83	Calm	NW 2	3	10	—	Sultry.
25	30°20	30°20	56°0	55°6	48°0	63°7	394	270	66	62	N 3	NNE 2	2	0	—	Fine and bright, but cool.
26	30°24	30°10	53°0	53°9	45°0	60°2	294	354	73	86	WNNW 3	W 2	10	5	—	Dull and cold a. Cloudy. [Warmer p.
27	29°93	29°68	55°6	59°2	52°9	59°9	397	485	90	97	SSW 1	WSW 3	10	10	339	a. and p. Day damp and dull.
28	29°67	29°59	54°4	50°0	49°2	60°4	317	317	75	89	Wb. N 4	W 3	6	8	0.084	Bright and bracing a. Squally [a. and p. < 9.30p.
29	29°73	29°82	53°9	53°9	44°6	60°8	316	310	76	74	W 4	W 3	7	9	114	showers p. Much cir.
30	29°77	29°77	56°0	58°3	52°8	66°6	375	375	94	77	SE 1	WSW 3	10	8	—	Gloomy a.
31	29°73	29°62	56°1	55°0	52°5	60°1	349	383	77	89	WSW 2	SW 2	9	8	—	Much cir. and cir.-s. p.
Means	29°979	29°962	61°2	60°2	55°1	67°8	412	417	75°8	79°8	2°5	2°2	5°9	5°5	0°777	

## PARSONSTOWN (BIRR CASTLE).

Height above Mean Sea Level, 182 feet. Long. 7° 55' W. Lat. 53° 6' N.

AUGUST 1884.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	67°	61°	52°	75°	in.	in.	%	%	SE 3	SE 2½	3	10	ins.		
2	29°93	29°71	57°	55°	55°	62°	337	336	71	75	SSW 3	SW 3	7	10	—		
3	30°00	30°14	56°	54°	52°	61°	326	317	70	75	SW 3	W 1½	10	10	—		
4	24	23	56°	54°	51°	61°	322	334	70	80	SW 1½	SE 1	10	10	—	☼ (mist) p.	
5	15	07	62°	58°	45°	70°	352	400	63	81	SE 2	SE 1½	5	9	—		
6	03	00	66°	60°	53°	73°	433	486	68	56	SE 1	SE 1	1	8	—		
	06	00	65°	61°	55°	71°	463	448	76	84	Calm	Calm	0	9	7	—	
8	07	30°08	59°	56°	53°	72°	458	374	92	82	Calm	SW 0½	10	0	—	☼ ga. and before.	
9	30°01	29°94	59°	61°	47°	76°	438	383	87	70	Calm	SE 0½	0	7	0.018	before ga.	
10	29°85	88	69°	62°	58°	76°	497	502	69	90	SSE 0½	WNW 1	8	10	0.034		
11	91	88	59°	61°	57°	76°	463	480	92	90	Calm	Calm	0	10	6	—	
12	84	89	67°	58°	52°	74°	495	443	73	89	SSW 0½	Calm	0	7	8	164	
13	86	29°92	62°	55°	54°	68°	380	354	68	79	SW 1	WSW 1½	7	2	—		
14	96	30°03	59°	55°	49°	63°	362	373	71	85	SW 1	SSE 0½	7	10	0.020	☼ (mist) op.	
15	97	29°07	61°	60°	53°	64°	441	438	81	82	SSW 1	SW 1½	10	10	0.031	☼ (mist) a. and op.	
16	97	95	64°	59°	59°	67°	493	476	81	93	SW 1½	Calm	0	10	0.315	☼ (mist) ga.	
17	92	91	64°	60°	56°	69°	489	481	82	92	Calm	Calm	0	8	0	0.034	
18	86	68	60°	59°	56°	67°	449	390	86	80	Calm	SW 2	10	10	0.018	☼ (mist) ga. and op.	
19	29°79	29°96	59°	57°	58°	65°	387	378	76	79	SSW 2	SW 1	8	9	—		
20	30°04	30°09	59°	57°	48°	68°	357	416	72	88	WNW 1	SW 0½	7	10	0.016		
21	20	13	56°	62°	53°	65°	409	497	90	88	N 0½	Calm	0	10	7	0.032	
22	07	02	62°	58°	55°	72°	418	420	73	85	SSE 2	Calm	0	5	2	—	
23	03	04	65°	62°	54°	75°	466	436	74	79	SSE 0½	Calm	0	2	10	—	
24	00	08	59°	54°	54°	65°	441	384	87	80	SSE 0½	Calm	0	10	6	—	
25	22	33	56°	49°	42°	63°	300	295	66	85	WNW 1	Calm	0	2	4	—	
26	30°23	30°10	52°	53°	39°	57°	322	379	81	92	Calm	SW 0½	10	10	0.054	☼ (mist) a.	
27	29°93	29°76	57°	52°	52°	60°	343	378	92	94	Calm	Calm	0	10	0.270	☼ (mist) ga. and op. Gusty with ☼.	
28	68	61	53°	48°	46°	58°	308	313	75	91	SW 2	SW 2	10	8	230	☼ (mist) ga. [showers.	
29	75	83	55°	57°	52°	42°	59°	313	333	70	84	W 3	SW 1	7	10	0.072	☼ (mist) before ga.
30	76	79	58°	54°	51°	64°	356	330	80	76	SW 1	SW 0½	10	10	0.068	☼ (mist) before ga.	
31	29°73	29°62	53°	52°	50°	58°	354	341	87	87	Calm	Calm	0	10	0.039	☼ (mist) before ga.	
Means	29°963	29°958	56°	57°	51°	67°	408	394	77°	83°	1°	0°	7°	7°	1°	363	



## DUNROBIN CASTLE.

Height above Mean Sea Level, 12 feet. Long 3° 59' W. Lat. 57° 57' N.

SEPTEMBER 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour		Relative 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.	59°2	53°0	41°9	60°2	ins.	ins.	73	97	SE	SE	—	—	ins.	Fine and clear.
2	29°52	29°50	59°2	51°0	46°7	62°4	365	389	92	95	SW	SW	—	—	—	Fine, clear and warm.
3	59	60	57°2	52°5	44°2	62°4	418	354	89	90	SW	NE	—	—	—	Fine day.
4	58	61	59°4	57°4	43°5	61°4	384	415	76	88	SW	SE	—	—	—	Fine and clear.
5	55	59	56°0	48°7	46°7	57°4	405	301	90	88	E	SW	—	—	—	Fine day.
6	48	41	54°0	50°0	43°7	58°4	288	286	69	80	W	NE	—	—	—	Fine day.
7	53	74	52°7	51°7	48°8	60°6	315	314	70	81	NW	N	—	—	—	Dull day.
8	50	29°98	59°2	55°7	46°7	62°4	365	361	73	81	W	E	—	—	0.050	Cloudy day.
9	29°97	30°09	62°2	62°4	53°6	65°2	439	473	79	84	SE	SE	—	—	—	Fine and mild.
10	30°17	46	63°4	62°2	52°6	67°8	460	501	79	90	E	E	—	—	—	Fine day.
11	24	40	67°4	56°0	53°6	69°5	463	411	69	91	SE	NE	—	—	—	Fine day.
12	45	48	60°4	54°7	51°1	64°4	438	393	84	92	SE	E	—	—	—	Very fine.
13	48	46	61°4	53°3	48°8	62°2	455	390	84	96	E	E	—	—	—	Fine day.
14	44	36	53°5	52°3	49°1	54°3	354	357	87	91	SE	E	—	—	0.030	Dull. (mist).
15	29	27	54°5	54°5	50°6	57°2	396	390	94	92	SE	S	—	—	—	Dull.
16	24	20	54°5	57°0	52°4	57°0	374	443	88	95	E	NE	—	—	—	Fine day.
17	23	31	57°4	60°6	50°6	64°4	444	430	94	82	S	E	—	—	—	showers.
18	40	38	59°4	53°5	52°1	62°7	417	359	83	88	SW	SE	—	—	—	Fine day.
19	30°30	30°10	56°3	58°4	47°6	61°4	401	436	88	89	SE	SE	—	—	—	showers.
20	29°93	29°75	58°4	54°0	53°8	59°4	330	380	72	91	W	W	—	—	—	Fine day.
21	49	50	60°4	50°5	50°5	62°0	404	337	77	92	S	E	—	—	—	showers.
22	44	60	53°5	48°7	43°9	56°6	329	301	80	88	NW	NW	—	—	—	Dull. (mist).
23	83	85	53°5	51°5	45°7	56°4	363	293	65	77	W	W	—	—	—	Dull and cloudy.
24	65	75	54°5	51°3	47°6	56°9	374	302	88	80	W	W	—	—	—	Dull and cloudy.
25	89	58	53°5	55°5	48°6	57°4	324	321	79	73	W	W	—	—	—	Blow.
26	54	60	55°5	50°5	48°6	57°4	248	281	56	77	W	SW	—	—	—	Fine and blowy.
27	12	47	55°0	46°9	43°7	58°4	362	248	84	78	W	E	—	—	—	Fine and breezy.
28	55	57	54°5	46°6	45°5	58°2	402	303	95	96	W	W	—	—	—	Fine day.
29	69	89	48°5	49°5	42°9	53°5	259	271	76	77	W	W	—	—	—	Fine day.
30	29°84	29°58	52°7	54°3	44°9	55°7	291	325	74	77	W	W	—	—	—	Fine day.
Means	29°861	29°878	56°8	53°5	48°0	60°1	374	357	80°5	86°6	—	—	—	—	—	—

## BRAEMAR.

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

SEPTEMBER 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour		Relative 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	29°52	29°44	48°5	50°5	37°3	57°7	290	317	86	87	SW	SW	0°5	7	8	Fine and clear.
2	48	56	50°1	47°0	40°3	54°8	297	291	82	91	SW	SW	0°5	7	7	showers. K
3	58	64	51°7	46°5	42°3	57°5	303	293	79	94	SW	SW	0°5	6	8	showers. K
4	61	59	45°0	40°8	35°4	59°0	260	248	87	98	SE	NE	0°5	3	3	showers. K
5	48	51	48°2	46°4	37°3	53°5	290	216	87	69	NW	N	2	8	8	showers.
6	50	43	48°5	48°1	46°3	58°5	245	273	72	82	W	NW	0°5	6	7	Fine and bright.
7	47	81	48°5	49°5	46°3	57°0	288	299	85	85	SW	SW	0°5	9	7	Fine p.
8	92	29°99	53°5	50°0	45°9	62°4	305	337	75	91	SW	SW	2	4	7	Fine and clear.
9	29°97	30°09	50°9	50°6	50°2	65°5	448	414	88	81	SW	SW	0°5	7	7	Fine and clear.
10	30°15	19	60°8	60°8	57°2	66°5	490	490	92	92	SW	SW	0°5	7	0	Fine and clear.
11	28	38	63°6	59°6	55°6	67°2	482	453	82	80	SW	SW	0°5	7	0	Fine and clear.
12	45	48	55°3	53°5	50°2	67°7	414	382	95	93	SW	SW	0°5	5	0	Fine and clear.
13	47	47	50°8	46°5	35°4	67°7	308	277	83	89	SW	SW	0°5	2	0	Fine and clear.
14	40	31	47°0	50°5	32°4	64°8	264	342	83	94	SW	NE	0°5	0	0	Fine and clear.
15	27	33	50°5	50°5	49°6	62°5	317	347	87	95	NE	NE	0°5	0	2	Fine and clear.
16	23	21	49°3	52°1	46°3	59°7	334	374	95	96	NE	NE	0°5	0	3	Fine and clear.
17	27	31	51°0	57°3	44°5	67°5	361	361	97	77	E	SW	1	4	3	Fine and clear.
18	38	37	60°6	55°5	47°2	64°8	383	384	73	87	W	SE	0°5	3	7	Fine and clear.
19	30°27	30°11	57°1	55°8	50°2	64°8	371	380	80	85	E	S	0°5	0	8	Fine and clear.
20	29°92	29°77	59°3	53°8	53°8	61°2	398	325	79	78	SW	SW	0°5	7	4	Fine and clear.
21	54	47	56°3	49°5	49°5	58°7	421	267	92	76	SW	SW	2	9	7	Dark and dull.
22	48	65	50°3	44°6	44°5	53°3	281	248	77	84	SW	SW	2	7	7	Cold, with showers.
23	87	90	46°5	47°1	41°5	52°5	226	270	72	84	SW	SW	4	7	9	Fair but cold.
24	66	79	52°3	48°0	47°1	53°9	280	274	72	83	SW	SW	2	7	4	Fair but cold.
25	94	66	49°0	51°4	45°3	54°0	266	306	76	81	W	SW	6	6	8	Fair but cold.
26	62	66	49°5	45°2	44°8	51°4	267	227	76	76	SW	SW	6	7	5	Fair but cold.
27	23	54	50°5	46°3	44°6	53°5	297	257	81	83	SW	SW	4	5	7	Dull, with showers.
28	56	54	51°5	45°6	45°6	53°3	261	285	69	94	SW	SW	0°5	4	10	Fair a. p.
29	85	96	43°9	45°1	40°3	48°0	235	210	88	71	SW	S	1	9	5	showers.
30	29°91	29°61	45°9	49°3	44°3	53°3	273	306	79	88	SW	SW	0°5	8	10	2 (hurricane) p.
Means	29°876	29°892	51°8	50°2	45°0	59°1	322	315	82°3	85°8	2°4	1°8	5°4	5°6	1°930	—

## LAUDALE.

Height above Mean Sea Level, 14 feet. Long. 5° 41' W. Lat. 56° 41' N.

SEPTEMBER 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative 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.	53°0	53°0	41°2	61°7	ins.	ins.	79	78	E	1	E	4	0	9	—	Fine morning. Squally p. [all day.
2	29°51	29°44	53°0	53°6	50°7	59°5	387	317	92	77	E	2	Calms	0	9	9	120	Cold, with showers a. K 4p. T <sup>2</sup>
3	56	62	53°0	49°9	49°6	53°8	327	333	81	93	S	3	Calms	0	8	10	200	200 (mist) a. 2 showers all day.
4	61	56	53°3	51°7	46°9	59°8	331	344	81	89	Calms	0	NW	2	3	8	—	2. Clear day.
5	57	58	54°0	50°2	42°1	58°0	344	291	82	81	NNW	2	NNW	2	9	9	—	Fine all day.
6	47	36	53°4	50°3	43°4	58°1	295	306	72	84	NNW	1	Calms	0	6	10	—	Fine during day.
7	54	80	55°1	53°0	49°8	59°4	308	350	72	87	W	4	W	2	2	9	060	Fine till 6p., then showers.
8	29°95	29°95	56°3	55°0	49°0	62°7	384	406	84	94	Calms	0	S	2	2	10	220	Fine till 7.30p., then 2 showers (mist)
9	30°01	30°10	62°7	60°1	55°0	67°2	517	484	91	93	Calms	0	Calms	0	10	10	040	200 (mist) a. [9p.
10	14	16	64°0	60°7	59°6	67°7	543	501	91	95	E	4	E	3	10	3	—	Dull and gloomy. ∞ all day.
11	28	37	63°3	64°8	56°8	69°5	568	459	97	76	E	3	E	3	2	2	—	Dark ∞ all day.
12	43	45	62°9	55°0	54°7	71°1	418	392	74	91	E	1	E	1	2	0	—	Dark ∞ all day.
13	49	40	62°5	58°0	47°8	71°4	438	367	78	76	E	2	E	2	2	0	—	Fine day.
14	35	26	62°8	58°6	50°0	69°5	366	359	64	73	E	2	Calms	0	0	0	—	Fine day.
15	19	17	61°6	60°4	52°8	63°6	379	399	70	74	E	3	E	2	0	4	—	Fine a. Gloomy evening.
16	13	14	61°0	63°6	54°7	65°3	433	439	81	75	ESE	2	E	3	8	1	—	Thick rolls of dark clouds from SSE. [Squally p.
17	21	36	64°1	59°4	59°0	64°8	454	455	76	91	E	2	SSE	2	9	10	—	Very dark all day. 200 (mist) p.
18	43	38	59°8	51°9	51°9	62°8	450	381	88	99	Calms	0	Calms	0	7	1	—	Dull and gloomy day. Clear at night.
19	30°23	30°06	60°4	65°3	61°9	67°2	407	471	78	77	E	3	E	4	0	9	—	Fine till 7p. Squally evening.
20	29°98	29°74	57°0	59°7	53°4	66°0	359	424	77	83	S	2	E	5	10	4	120	Gloomy a. Fine p., but squally.
21	51	52	60°1	52°3	49°4	62°2	422	395	82	78	S	3	SW	2	10	9	570	9a.-3p.
22	55	77	51°8	48°7	47°0	58°6	333	286	86	83	W	2	W	4	10	5	400	Very cold showers all day.
23	94	89	51°1	52°2	46°2	54°8	282	327	76	84	3	W	2	3	4	9	670	Cold, with showers, all day.
24	68	81	53°0	53°0	51°0	55°8	369	369	92	92	W	6	W	6	10	10	410	200 (mist) 2 showers all day.
25	97	66	53°2	54°8	51°1	57°2	318	367	78	86	W	2	E	2	9	10	710	from S. during day.
26	64	59	52°5	50°1	43°6	55°1	276	313	71	86	W	5	W	3	10	4	990	during day, with showers.
27	23	56	54°6	51°2	48°7	55°6	351	304	82	81	W	8	SW	3	10	6	630	2 showers all day.
28	66	66	53°9	46°7	46°0	54°3	270	302	66	95	WSW	3	WSW	2	10	10	400	Dull a. from 4p. 200 (mist) 9p.
29	77	94	50°0	51°1	45°9	53°6	261	262	73	70	W	5	W	4	9	6	280	mid-day. 2 showers.
30	29°85	29°56	52°1	53°6	49°6	54°4	334	322	85	78	SW	3	S	2	10	9	1230	(mist) 9a. 2 all day.
Means	29°877	29°875	56°9	54°9	50°0	61°4	375	365	80°0	84°0	2°6		2°2	6°4	6°4	7°050		



## ROTHESAY.

Height above Mean Sea Level, 115 feet. Long. 5° 4' W. Lat. 55° 50' N.

SEPTEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	56° 9'	54° 0'	41° 1'	65° 1'	ins.	ins.	83	87	Calm	Calm	—	—	ins.	
2	29° 56'	29° 50'	56° 9'	52° 2'	45° 6'	62° 1'	381	328	83	93	SW	SW	—	—	0.022	
3	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	S	SSW	—	—	—	Fine and warm.
4	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	NW	Calm	—	—	0.110	Fine day.
5	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	NW	NW	—	—	—	Fine day.
6	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	W	E	—	—	0.400	Fine and clear a. Overcast p.
7	29° 53'	29° 48'	54° 2'	53° 0'	48° 1'	60° 1'	342	403	81	100	WNW	WNW	—	—	0.015	Fine and breezy.
8	30° 01'	30° 00'	56° 6'	55° 5'	48° 1'	64° 1'	386	420	84	98	WSW	Calm	—	—	—	Dull, with p.
9	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	E	Calm	—	—	0.025	Dull and mild.
10	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	S	Calm	—	—	—	Dull, mild, and raw.
11	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	ESE	Calm	—	—	—	Fine day.
12	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	NE	E	—	—	—	Fine and clear.
13	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	NE	E	—	—	—	Fine and clear.
14	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	E	E	—	—	—	Fine and clear.
15	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	ENE	E	—	—	—	Fine and clear.
16	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	NE	Calm	—	—	0.060	Dull and damp.
17	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	E	NW	—	—	—	Fine day.
18	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	Calm	Calm	—	—	—	Fine and mild.
19	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	NE	Calm	—	—	—	Clear and mild.
20	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	W	SW	—	—	—	Clear and mild.
21	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	SSE	Calm	—	—	0.320	Dull with showers.
22	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	SW	SW	—	—	0.130	showers.
23	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	SW	SW	—	—	0.135	Dull, with showers.
24	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	NW	NW	—	—	0.030	Cloudy, with showers.
25	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	SW	SW	—	—	0.030	Dull and blowy.
26	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	W	SW	—	—	0.095	Blow and fine.
27	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	SW	WSW	—	—	0.225	Dull and blowy. showers.
28	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	WSW	Calm	—	—	0.685	Dull, with showers.
29	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	SW	W	—	—	0.080	showers.
30	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	SSE	SW	—	—	0.350	Dull. showers.
Means	29° 52'	29° 52'	56° 4'	53° 4'	48° 7'	62° 4'	397	379	86° 7'	92° 0'	—	—	—	—	3° 202	

## PINMORE.

Height above Mean Sea Level, 187 feet. Long. 4° 49' W. Lat. 55° 12' N.

SEPTEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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	29° 56'	29° 50'	53° 9'	49° 8'	33° 5'	61° 1'	378	302	91	85	SE	SW	—	—	0.020	
2	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	SE	S	—	—	0.030	
3	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	SW	NW	—	—	0.050	
4	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	NW	NW	—	—	—	
5	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	NW	NW	—	—	—	
6	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	S	S	—	—	1.500	
7	29° 55'	29° 49'	53° 3'	52° 8'	49° 1'	61° 1'	390	366	76	91	N	NW	—	—	—	
8	30° 02'	30° 03'	57° 0'	56° 7'	50° 1'	61° 1'	354	358	76	78	N	SW	—	—	0.800	
9	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	S	S	—	—	0.080	
10	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	S	S	—	—	—	
11	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	S	S	—	—	—	
12	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	SE	SE	—	—	—	
13	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	S	S	—	—	—	
14	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	S	S	—	—	—	
15	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	S	S	—	—	—	
16	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	S	S	—	—	0.040	
17	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	SW	S	—	—	—	
18	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	S	S	—	—	—	
19	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	SE	SE	—	—	0.020	
20	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	S	N	—	—	—	
21	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	NW	N	—	—	—	
22	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	N	N	—	—	—	
23	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	NW	NW	—	—	—	
24	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	W	W	—	—	—	
25	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	W	W	—	—	—	
26	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	W	W	—	—	—	
27	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	W	W	—	—	—	
28	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	W	NW	—	—	—	
29	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	W	NW	—	—	—	
30	56° 0'	57° 0'	57° 0'	52° 2'	45° 6'	62° 1'	397	363	83	93	SW	SW	—	—	—	
Means	29° 59'	29° 59'	57° 2'	52° 1'	46° 1'	62° 9'	397	356	84° 4'	90° 5'	1° 9'	1° 8'	—	—	5° 350	

## SCALEBY (NEAR CARLISLE).

Height above Mean Sea Level, 111 feet. Long. 2° 52' W. Lat. 54° 58' N.

SEPTEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.			
	ins.	ins.	°	°	°	°	in.	in.	%	%						ins.		
1	29° 54'	29° 52'	55° 5'	52° 0'	44° 0'	65° 0'	346	351	79	90	W	SW	3	2	7	0°20		
2	57	61	53° 5'	49° 5'	47° 0'	62° 5'	344	305	84	87	SW	4	Calm	0	8	—		
3	64	66	56° 0'	46° 7'	46° 2'	63° 5'	353	293	79	92	W	4	SE	2	3	2	0°30	
4	60	58	53° 5'	47° 0'	37° 4'	65° 0'	336	301	82	94	E	2	Calm	0	0	0	—	
5	54	51	54° 5'	48° 5'	39° 8'	64° 7'	321	294	76	87	SW	2	W	2	1	1	—	
6	58	22	54° 5'	52° 5'	45° 0'	64° 0'	345	370	82	94	W	1	E	3	1	10	7°10	
7	29° 44'	29° 8'3	50° 3'	50° 5'	49° 0'	62° 0'	321	379	88	87	N	4	N	2	10	1	0°30	
8	30° 01'	30° 01'	57° 5'	55° 5'	46° 6'	64° 3'	362	413	77	94	W	2	E	2	4	10	3°50	
9	11	17	61° 0'	61° 0'	54° 9'	65° 3'	502	509	92		Calm	0	Calm	0	10	10	0°20	Overcast all day.
10	21	22	64° 5'	63° 5'	59° 0'	71° 0'	539	483	89	83	W	1	E	3	10	10	—	Overcast all day.
11	33	38	64° 5'	55° 0'	54° 5'	74° 0'	454	393	75	91	SE	3	Calm	0	1	0	—	Fine all day.
12	46	49	54° 5'	53° 5'	47° 0'	64° 2'	384	357	91	87	NE	4	E	4	0	1	—	
13	46	38	59° 0'	57° 5'	49° 4'	72° 0'	360	446	74	94	E	4	E	2	0	1	—	Fine all day.
14	30	24	56° 5'	55° 0'	53° 0'	64° 0'	401	393	88	91	E	3	E	2	6	10	—	
15	16	15	57° 5'	58° 5'	51° 5'	66° 3'	416	431	88	89	NE	5	E	1	10	10	0°60	Overcast all day.
16	11	13	57° 5'	57° 0'	56° 0'	71° 5'	453	453	96	97	E	4	E	1	10	0	—	
17	26	37	59° 5'	57° 5'	53° 2'	74° 5'	447	446	89	94	E	1	SW	3	10	2	0°20	
18	45	39	53° 0'	55° 5'	50° 0'	70° 2'	403	409	100	93	S	8	N	3	10	0	—	☼
19	28	30° 17'	54° 8'	56° 5'	48° 3'	70° 5'	400	430	93	94	SE	4	E	1	0	0	—	
20	30° 03'	29° 86	61° 5'	58° 5'	54° 0'	70° 5'	480	462	89	95	S	1	W	1	10	10	—	
21	60	52	63° 3'	52° 0'	52° 0'	70° 0'	456	377	79	97	S	2	SW	1	8	10	7°50	K
22	29° 63'	29° 82	51° 3'	47° 3'	42° 8'	58° 2'	345	297	92	92	SW	1	SW	4	10	3	0°30	
23	30° 02'	30° 03	54° 5'	52° 5'	44° 8'	57° 5'	333	344	70	87	W	5	SE	5	2	10	1°40	
24	29° 86	29° 91	56° 0'	53° 0'	51° 5'	59° 8'	407	358	91	89	SW	6	SW	5	9	3	0°50	Squally before 9a.
25	30° 06	88	53° 5'	52° 3'	47° 5'	62° 0'	344	334	84	85	NW	4	SW	3	5	8	1°10	
26	29° 75	80	51° 0'	44° 5'	44° 5'	57° 5'	351	273	94	93	SW	3	SW	3	10	10	0°90	
27	46	76	57° 0'	51° 5'	44° 5'	61° 0'	422	331	91	87	SW	8	SW	5	9	0	2°00	Squally 9a. and before.
28	75	29° 64	56° 0'	61° 5'	51° 0'	64° 0'	436	409	97	76	SW	4	SW	6	10	10	1°10	Squally a. and p.
29	29° 98	30° 12	53° 5'	49° 5'	45° 0'	62° 0'	286	283	70	81	SW	5	SW	3	1	7	—	
30	30° 09	29° 79	55° 0'	53° 5'	44° 8'	57° 5'	331	357	76	87	S	3	SW	8	3	8	3°40	
Means	29° 942	29° 938	56° 4	53° 7	48° 5	65° 2	391	374	85° 7	90° 0	3° 3		2° 6	5° 8	5° 4	3° 063		



## CRONKBORNE (DOUGLAS), ISLE OF MAN.

Height above Mean Sea Level, 137 feet. Long. 4° 29' W. Lat. 54° 10' N.

SEPTEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	59.8	59.0	40.3	61.8	ins.	ins.	74	91	S	1	4	2	ins.	Fine day. $\bar{D}$ p.
2	29.53	29.53	59.8	59.0	40.3	61.8	379	353	74	91	SSW	4-5	3	2	ins.	Very fine. $\bar{D}$ p.
3	56	62	57.9	57.8	42.4	61.0	378	366	79	91	SSW	1-2	3	1	—	Very fine. $\bar{D}$ p.
4	63	64	57.8	45.6	41.2	60.5	364	290	76	95	NW	2	5	2	—	Very fine day. Squally $\bar{D}$ n.
5	62	57	59.8	52.3	42.4	62.9	392	334	76	85	NW	4-5	5	7	—	Fine day.
6	58	64	57.3	51.0	50.1	62.7	380	366	81	98	ESE	1	7	10	1.187	Dull a. $\bar{D}$ p.
7	56	54	55.3	56.2	38.2	58.6	383	446	87	99	NW	7	4	7	—	Squally $\bar{D}$ a. Cloudy afternoon. $\bar{D}$
8	29.55	29.91	55.4	52.7	50.6	62.3	350	351	80	88	SW	2	9	10	—	10.30a-5p. $\bar{D}$ showers from 4p.
9	30.02	30.04	56.5	60.0	49.3	67.0	320	494	93	96	WSW	1	9	10	—	Dull. $\bar{D}$ (mist) p. $\bar{D}$ showers n.
10	58	58	58.4	61.0	57.8	65.7	473	513	97	96	Calm	0	10	10	—	8.30a-10a. $\bar{D}$ (mist) 9p.
11	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	$\bar{D}$ a. Fine afternoon. $\bar{D}$ (mist) p.
12	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	$\bar{D}$ a. Very fine. $\bar{D}$ (mist) p.
13	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	Fine. $\bar{D}$ p.
14	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	Squally $\bar{D}$ a. and p. $\bar{D}$ (mist) p.
15	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	Dull. $\bar{D}$ (mist) p.
16	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	Overcast, with $\bar{D}$ (mist) a. Fine afternoon. $\bar{D}$ 9p.
17	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	$\bar{D}$ (mist) a. and p. $\bar{D}$ p.
18	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	$\bar{D}$ a. Dull day. $\bar{D}$ p.
19	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	$\bar{D}$ a. Dull day. $\bar{D}$ p.
20	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	$\bar{D}$ a. Dull day. $\bar{D}$ p.
21	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	$\bar{D}$ a. Dull day. $\bar{D}$ p.
22	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	$\bar{D}$ a. Dull day. $\bar{D}$ p.
23	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	$\bar{D}$ a. Dull day. $\bar{D}$ p.
24	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	$\bar{D}$ a. Dull day. $\bar{D}$ p.
25	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	$\bar{D}$ a. Dull day. $\bar{D}$ p.
26	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	$\bar{D}$ a. Dull day. $\bar{D}$ p.
27	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	$\bar{D}$ a. Dull day. $\bar{D}$ p.
28	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	$\bar{D}$ a. Dull day. $\bar{D}$ p.
29	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	$\bar{D}$ a. Dull day. $\bar{D}$ p.
30	53	53	58.9	53.9	51.6	65.5	476	399	96	96	ESE	1	10	2	—	$\bar{D}$ a. Dull day. $\bar{D}$ p.
Means	29.941	29.944	58.7	54.8	49.8	63.3	431	401	87.0	92.5	3.2	2.6	6.2	5.4	3.363	

## STONYHURST.

Height above Mean Sea Level, 375 feet. Long. 2° 28' W. Lat. 53° 51' N.

SEPTEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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	29.58	29.62	56.0	51.6	40.8	63.1	368	314	82	81	Calm	0	10	1	—	$\bar{D}$ 1p.-2p. Frequent $\bar{K}$ during the afternoon. $\bar{D}$ 6p
2	64	70	56.3	51.5	40.8	61.8	320	303	71	79	S	2	6	2	—	
3	70	67	53.4	50.4	44.1	60.2	331	298	81	82	SW	1	4	4	—	
4	60	54	54.3	52.2	39.4	61.2	320	306	78	78	Calm	0	0	0	—	
5	57	66	56.0	50.5	43.8	59.7	317	323	70	89	NNW	2	3	8	—	Lunar $\bar{D}$ 10.15p.
6	62	73	55.5	56.9	44.2	58.9	344	378	78	82	W	3	10	10	—	
7	29.44	29.91	52.5	53.8	51.6	60.7	324	397	82	95	NW	4	10	10	—	
8	30.07	30.09	56.4	56.4	51.6	61.2	372	428	82	94	W	2	10	10	—	
9	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
10	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
11	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
12	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
13	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
14	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
15	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
16	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
17	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
18	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
19	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
20	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
21	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
22	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
23	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
24	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
25	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
26	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
27	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
28	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
29	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
30	57	53	56.4	50.4	43.7	59.9	350	405	97	96	Calm	0	10	10	—	
Means	29.989	29.994	57.2	54.8	49.7	63.5	383	367	81.1	84.6	1.6	1.3	7.3	5.7	3.608	

## WAKEFIELD.

Height above Mean Sea Level, 96 feet. Long. 1° 30' W. Lat. 53° 41' N.

SEPTEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	56.7	54.8	54.4	65.0	in.	in.	75	80	SSW	2	S	2	10	2	ins.	Fine from 11a.
2	29.57	29.61	56.7	54.8	44.1	64.6	379	399	75	80	S	2	S	2	5	0	—	Fine day.
3	65	70	56.0	48.8	44.1	64.6	357	315	63	91	S	2	S	2	8	0	—	
4	70	64	54.0	53.0	37.3	59.3	352	374	84	93	ESE	2	ESE	1	5	6	0.20	
5	57	50	51.8	50.8	45.5	62.4	328	339	85	91	ENE	1	NW	2	10	3	—	
6	52	62	56.7	51.8	40.6	63.4	317	340	69	88	WNW	3	WNW	4	1	0	—	Fine day.
7	63	27	57.5	57.7	45.2	63.6	348	470	74	99	SSW	2	ESE	3	4	8	280	● p.
8	29.32	29.87	54.8	54.4	54.2	62.8	343	378	80	90	NNW	7	NW	4	10	3	—	Fine, with ☾ all day.
9	30.05	30.08	55.5	55.7	52.6	62.4	384	441	88	99	WNW	1	WNW	2	10	10	220	Dull.
10	55	51	53.9	52.4	55.4	68.4	455	496	91	89	WSW	2	W	2	10	10	—	Dull.
11	25	28	59.0	59.6	54.4	64.4	496	475	99	93	NE	1	E	2	10	10	—	☉ 9a.
12	42	44	53.4	57.7	50.1	66.0	403	464	95	97	ESE	2	E	2	10	4	—	
13	47	46	53.1	55.7	51.3	68.2	396	415	98	93	N	2	NNW	3	10	2	—	Fine from 11.40a.
14	41	29	57.1	56.9	53.0	73.6	451	434	96	94	N	2	NE	2	10	5	—	
15	25	17	66.8	55.7	54.8	69.9	482	416	74	94	NE	3	ENE	4	4	6	—	
16	12	12	58.9	58.3	55.3	72.5	482	467	97	96	E	2	NW	2	10	3	050	
17	11	20	61.4	55.7	55.4	72.8	535	441	99	99	NE	1	NNE	1	10	10	—	
18	29	36	60.6	63.4	48.4	71.8	492	552	93	95	NE	2	NE	2	10	10	—	
19	39	40	58.8	59.6	50.1	72.4	480	469	97	92	ENE	1	ENE	1	10	10	—	
20	32	30.25	54.8	58.5	50.9	60.6	425	453	98	93	SSE	1	S	1	10	4	—	Fine from 11a.
21	30.11	29.93	55.7	53.8	50.2	69.5	434	379	98	91	E	2	ESE	2	0	2	—	Fine day.
22	29.69	53	58.6	43.9	65.0		454	470	92	95	ESE	2	SSE	1	5	10	230	☾ 0.50p. ☉ 9p.
23	29.72	29.87	54.8	49.8	49.2	60.6	336	320	78	92	WSW	3	SE	2	3	2	010	Fine day.
24	30.08	30.15	53.6	51.8	47.0	58.0	333	323	80	83	W	4	W	3	8	3	—	
25	29.99	29.99	58.6	53.3	50.9	61.4	379	409	77	94	SSW	4	W	2	5	7	010	
26	30.11	97	55.4	55.0	51.6	61.2	342	375	78	87	W	2	SSW	3	5	10	—	
27	29.84	87	58.7	49.0	49.0	60.6	400	322	82	93	SSW	3	SE	3	0	10	010	
28	67	86	55.6	54.6	43.2	62.4	378	357	85	84	SE	6	WNW	5	9	4	060	☾ in past n. Fine from 10.40a.
29	29.91	29.85	63.4	62.0	54.0	69.8	404	459	80	83	WSW	5	W	5	5	10	—	☾ in past n.
30	29.05	30.17	53.8	43.6	41.6	62.5	334	264	80	93	W	3	SW	2	5	0	—	Fine day.
30	30.14	29.96	51.6	53.8	34.4	60.8	335	324	88	77	SW	2	SSW	2	10	10	030	☉ 9a.
Means	29.983	29.986	57.2	55.3	49.1	65.2	406	404	86.5	91.5	2.6		2.4		7.6	5.8	0.910	



## BUXTON.

Height above Mean Sea Level, 987 feet. Long. 1° 54' W. Lat. 53° 14' N.

SEPTEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	55.4	49.6	44.9	64.1	.355	.312	81	88	Calm	0	W	1	8	3	ins. .015
2	56	72	56.4	48.0	46.1	60.8	.330	.319	73	96	SW	2	W	2	3	2	—
3	58	67	56.6	45.4	40.3	60.8	.331	.292	72	96	SW	2	NW	3	6	3	—
4	57	57	50.9	48.7	42.4	60.6	.290	.298	79	87	NW	2	W	2	7	8	—
5	55	64	53.4	49.2	46.2	58.9	.333	.275	82	79	W	2	W	3	8	2	.060
6	62	29	53.9	51.6	45.4	59.2	.344	.338	83	88	SW	1	SW	1	7	7	—
7	29.35	29.88	53.0	50.0	48.0	57.0	.348	.334	86	93	NW	6	W	3	10	3	.810
8	30.04	30.07	53.0	53.0	44.4	60.0	.374	.397	90	99	W	1	W	1	10	10	.250
9	44	49	61.0	57.0	51.0	66.0	.501	.449	94	97	W	2	W	1	10	8	—
10	26	30	58.0	56.9	51.0	65.6	.465	.451	97	98	E	1	SE	1	10	10	—
11	38	43	54.4	54.4	45.6	63.1	.371	.409	88	96	SE	1	SE	1	7	10	—
12	42	38	58.8	55.9	48.8	64.1	.399	.391	81	88	E	1	NE	1	3	2	—
13	35	27	57.8	56.9	48.9	69.1	.451	.375	93	81	NE	2	NE	1	7	9	—
14	20	15	55.0	53.3	52.9	67.1	.388	.396	87	97	E	1	SE	3	4	7	—
15	10	10	56.0	58.3	52.1	69.6	.416	.446	92	91	ENE	2	SE	2	10	2	.400
16	09	25	59.3	51.9	51.1	70.5	.457	.373	91	97	SE	1	S	1	10	0	—
17	30	37	62.8	62.3	49.9	73.6	.518	.526	91	94	Calm	0	SW	1	8	0	—
18	43	41	61.3	54.2	51.1	75.1	.461	.382	85	91	NW	1	Calm	0	5	4	—
19	28	30.25	53.0	54.9	48.9	66.1	.360	.401	86	93	E	1	SW	1	4	9	—
20	30.13	29.89	56.4	56.1	49.1	66.1	.410	.444	90	98	SE	1	E	1	9	9	—
21	29.69	29.58	56.1	54.6	53.9	61.8	.385	.406	85	95	SE	1	SW	2	10	10	.1100
22	29.73	29.94	52.1	47.2	46.0	57.5	.306	.298	79	93	W	3	W	3	3	10	.310
23	30.12	30.19	49.9	48.0	43.9	54.7	.308	.284	86	85	W	3	W	2	7	4	.030
24	03	30.03	54.6	51.1	46.6	56.8	.327	.343	77	91	SW	3	W	3	7	6	.270
25	30.14	29.99	51.9	49.9	48.1	58.4	.302	.346	79	97	W	2	W	2	7	2	—
26	29.85	29.92	53.9	44.9	43.9	55.6	.346	.274	83	92	SW	2	SW	1	8	2	.080
27	71	92	51.4	49.6	42.4	59.2	.339	.312	89	88	SW	3	W	3	10	2	.080
28	29.88	29.89	56.6	56.9	48.4	62.1	.469	.404	88	87	W	2	W	4	8	8	.290
29	30.06	30.23	50.9	38.6	37.9	58.2	.297	.220	80	94	W	2	NW	2	7	1	a.
30	30.15	29.97	50.1	49.4	35.8	56.7	.283	.279	78	80	SW	1	W	2	5	7	.115
Means	29.983	30.004	55.2	51.9	46.8	62.6	.373	.359	84.8	91.6	1.7	1.7	7.3	5.3	3.800		

## HILLINGTON, NORFOLK.

Height above Mean Sea Level, 88 feet. Long. 0° 33' E. Lat. 52° 48' N.

SEPTEMBER 1884.

1	29.61	29.67	59.0	55.5	55.5	64.4	.496	.388	99	88	SW	2	SW	1	10	7	.017	[6.15p.—6.45p.	↖	later.
2	73	77	59.7	47.8	46.8	66.9	.430	.316	85	95	SW	3	W	0.5	5	2	.395	Fine and sunny a.	↖	2p.
3	71	61	59.7	50.9	44.1	68.1	.430	.427	85	92	SW	1	E	0.5	5	10	.150	Fine and sunny.	↖	9p.
4	43	41	56.7	55.2	54.0	57.7	.441	.391	96	90	NE	4	NW	5	10	10	.840	☉ 5a.—5.45p.		
5	50	64	56.6	47.9	47.9	64.4	.384	.327	84	98	NW	6	NW	1	1	0	.003	Fine and sunny.		
6	69	38	55.6	59.5	43.3	60.5	.382	.505	87	99	SW	1	SE	2	7	10	.180	Fine early a. Cloudy later.	☉ <sup>0</sup>	[6.1, 3op.—
7	29.34	29.88	54.3	51.7	51.7	61.3	.399	.336	95	87	NW	6	NW	3	10	0	—	Blustering, drying wind.	↖	9p.
8	30.07	30.13	55.9	56.2	49.2	66.3	.381	.444	86	99	NW	3	NW	0.5	10	10	.188	Cloudy.	☉ <sup>0</sup>	from 5.30p.
9	15	20	61.5	60.7	54.9	67.1	.518	.528	95	100	NW	1	NE	0.5	10	10	.034	☉ early a. and till 2p. Warm.	↖	9p.
10	27	31	63.9	53.2	53.2	71.1	.437	.394	74	98	SE	2	SE	1	0	0	.008	Very fine and sunny.	↖ <sup>0</sup> 9p.	[6.2op.
11	36	38	63.8	55.2	49.7	73.5	.545	.436	92	100	SE	3	NE	0.5	4	0	—	☼ early a. ☼ Very fine and sunny.		
12	37	34	67.5	58.0	55.2	72.2	.524	.465	79	96	NE	1	NE	2	0	0	.007	Very fine, sunny, and hot.	↖ <sup>2</sup> p.	
13	31	21	67.7	58.2	55.9	74.3	.528	.457	79	94	NE	4	NE	0.5	4	0	—	Very fine, sunny, and hot.	↖ <sup>2</sup> p.	
14	16	08	67.2	58.0	56.8	73.6	.531	.469	80	97	NE	5	NE	1	4	2	.006	↖ <sup>2</sup> p.		
15	09	09	68.6	60.6	55.1	76.5	.550	.482	79	91	SE	3	SE	2	3	1	—	↖ <sup>2</sup> p.		
16	11	23	68.3	62.6	60.1	77.8	.578	.538	84	93	S	0.5	E	0.5	9	10	—	↖ <sup>2</sup> p.		
17	27	34	69.0	59.8	59.6	79.5	.568	.480	80	94	ESE	2	NE	0.5	7	0	.002	↖ <sup>2</sup> p.		
18	39	38	65.7	54.9	51.8	73.1	.554	.425	88	99	NE	1	SE	0.5	3	0	—	↖ <sup>2</sup> p.		
19	37	25	58.4	56.6	52.9	65.2	.447	.410	92	89	SE	1	E	1	10	9	—	↖ <sup>2</sup> p.		
20	30.16	30.02	61.9	51.2	48.2	71.0	.427	.369	78	98	SE	1	SE	1	6	0	.007	Fine and sunny.	↖	9p.
21	29.76	29.65	64.2	59.2	50.2	71.5	.479	.457	80	92	SE	1	S	2	5	3	.540	↖ in past a.	↖	9p. ↖ in SE., from
22	29.73	29.91	55.5	53.0	51.4	62.5	.384	.348	88	86	W	4	NW	1	7	10	—	↖ ☉ <sup>2</sup> 2.30a.	↖	9p. [1op.
23	30.12	30.20	53.8	48.2	45.2	60.2	.323	.319	77	96	NW	4	W	0.5	6	9	—	↖	9p.	
24	14	06	55.0	52.9	43.1	63.4	.321	.389	74	68	WSW	5	SW	0.5	10	0	—	↖	9p.	
25	30.14	30.07	56.0	46.6	46.6	61.9	.379	.305	85	97	WSW	5	WSW	0.5	6	3	—	↖	9p.	
26	29.95	29.89	56.1	57.2	45.8	63.3	.361	.424	80	91	SW	3	SW	2	10	10	—	↖	9p.	
27	29.86	29.94	54.8	53.7	43.5	63.4	.346	.357	81	86	SW	5	SW	0.5	10	1	.008	Fine from 3p.	↖	9p.
28	30.01	29.99	60.3	59.1	48.9	67.6	.439	.456	85	91	SW	5	SW	0.5	6	1	—			
29	05	30.20	58.0	41.6	41.6	61.3	.451	.263	93	100	NW	2	NW	0.5	10	1	.015	Ground ☼ <sup>0</sup> (mist)	↖ <sup>2</sup> p.	
30	30.21	30.06	48.4	49.8	33.5	62.5	.293	.336	87	94	NW	0.5	SW	1	0	2	.030	Very fine and sunny.	↖	9p.
Means	30.003	30.009	60.1	54.7	49.9	67.4	.444	.408	84.9	94.3	2.8	1.1	6.3	4.0	2.430					

## UPPINGHAM.

Height above Mean Sea Level, 484 feet. Long. 0° 44' W. Lat. 52° 35' N.

SEPTEMBER 1884.

Day	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.			
	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	ins.	
1	29.60	29.66	58.0	54.8	54.8	63.8	.403	.418	99	97	SSW 1	SSW 2	10	8	ins. —	Overcast till 4p.
2	70	74	56.9	50.9	46.8	62.9	.403	.355	87	95	swbys 3	S by W 1	1	0	.223	● 2 1p. Δ <sup>2</sup> ● 2 4p.
3	72	63	54.3	54.2	44.1	63.1	.405	.409	96	98	S by E 1	N by W 1	10	10	.077	Overcast all day.
4	51	50	51.3	50.3	50.3	59.8	.365	.350	97	96	NWb.N 3	NW 6	10	1	—	Overcast all day. (gale) p.
5	55	67	55.1	49.7	46.0	62.6	.382	.340	88	96	NWb.N 6	NW 1	3	1	—	
6	67	34	55.0	59.3	43.3	59.4	.406	.493	94	97	S 2	S by W 9	9	10	.215	
7	29.39	29.91	53.0	49.9	49.9	59.3	.380	.313	94	88	NW 5	NWb.N 2	10	10	—	
8	30.08	30.10	57.7	57.0	48.1	61.8	.400	.465	84	100	NWb.N 3	NW 1	8	10	.154	● 2p.—8.30p.
9	15	20	61.0	62.7	56.0	68.3	.500	.552	93	97	NW 4	Calm 0	10	10	.041	Overcast and dull p.
10	24	29	59.1	53.2	53.2	66.7	.492	.406	98	100	SW 1	SW 1	10	7	—	Δ <sup>0</sup> a.
11	36	39	56.9	50.3	50.1	69.4	.445	.454	96	100	NWb.N 1	NE 1	10	10	.016	7a. Δ 8a. Day sunny and warm.
12	39	34	55.1	55.6	51.9	70.9	.429	.426	99	95	NE 1	NE 2	10	0	—	Δ <sup>2</sup> a. Much warm sunshine p.
13	36	36	63.8	56.9	55.6	74.0	.502	.441	85	95	NE 2	NE 3	7	7	—	Δ <sup>0</sup> a.
14	15	08	63.2	59.0	53.7	71.6	.497	.484	86	97	ENE 2	NE 2	10	7	—	Overcast from 2.30p.
15	08	02	62.3	64.2	57.0	76.5	.538	.449	96	75	NE 3	NW 1	10	7	—	Δ <sup>0</sup> a. Overcast till noon.
16	08	22	65.3	61.7	59.7	74.6	.523	.460	84	84	swbys 2	SSW 1	3	10	.057	Overcast all day.
17	27	34	66.9	61.9	52.5	80.4	.554	.431	84	78	swb.w 1	SW 1	1	0	—	Bright sun nearly all day.
18	38	38	65.2	61.0	56.4	73.5	.527	.485	85	80	NE 3	swbys 2	2	1	—	Δ <sup>0</sup> till 8a. Cloudless ga.—4p., then
19	33	30.24	56.3	52.3	52.3	61.7	.433	.382	95	97	E 2	Calm 0	10	0	—	Δ <sup>0</sup> a. Clear sky and warm p.
20	30.16	29.99	57.0	53.7	49.8	69.4	.422	.373	91	90	SE 1	S by E 1	7	0	—	Δ <sup>0</sup> ∞ <sup>0</sup> 9p.
21	29.74	61	57.0	59.4	50.7	67.9	.431	.440	92	88	SE 1	SW 3	10	10	.212	Δ <sup>0</sup> a. Very warm p., with ∞ <sup>0</sup> .
22	29.75	29.93	53.1	49.0	48.7	59.4	.312	.296	77	85	W 1	W by S 2	2	2	.050	Δ <sup>0</sup> 7.15a. Gloomy a., with ∞.
23	30.12	30.21	52.0	46.8	41.2	58.7	.303	.277	78	87	SW 2	W 1	2	2	—	Δ a. Threatening appearance p.
24	12	07	54.2	50.1	46.1	59.8	.306	.355	73	98	swbys 4	SW 3	10	1	.078	● 2p.
25	30.16	30.07	53.5	48.6	45.7	60.0	.334	.302	81	89	W 3	SSE 2	10	8	—	Δ a. Day bright. ∞ late p.
26	29.92	29.91	56.0	49.5	48.6	60.4	.348	.333	77	94	swbys 3	WSW 1	9	6	.010	
27	29.82	93	53.2	51.0	43.1	62.0	.343	.311	84	83	swbys 7	SW 1	10	4	—	Rough Δ a. Warmer, with less wind
28	30.00	29.97	57.1	58.3	47.0	62.8	.427	.441	91	90	SSW 3	SW 4	10	10	.090	Gloomy, with Δ <sup>2</sup> a. Dull all day.
29	06	30.21	52.4	44.4	44.2	59.6	.355	.253	90	87	NWb.w 1	Calm 0	10	0	—	Sunny p. ∞ <sup>0</sup> 9p.
30	30.20	30.04	51.1	48.0	39.8	59.8	.271	.292	73	88	SSW 2	S 1	2	10	.023	Bright a., with Δ <sup>2</sup> .
Means	30.001	30.007	57.1	54.3	49.6	65.3	.417	.391	88.1	91.5	2.5	1.9	7.5	5.2	1.555	



## GELDESTON (BECCLES).

Height above Mean Sea Level, 37 feet. Long. 1° 31' E. Lat. 52° 28' N.

SEPTEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.			
	ins.	ins.	°	°	°	°	ins.	ins.	%	%	WSW 1	SW 2	10	10	ins.	
1	29.64	29.70	62.1	58.9	57.3	63.1	4.80	4.33	86	87	WSW 1	SW 2	10	10	ins.	9 a. - 3 p.
2	75	76	61.0	55.1	54.0	66.1	4.10	3.99	77	91	SW 2	Calm 0	7	8	0.30	10.5-45 p.
3	75	63	60.2	57.2	49.0	67.2	3.93	4.00	75	85	SW 1	NE 1	9	10	1.070	2 p.
4	37	38	54.1	54.0	52.9	57.5	3.93	3.91	93	94	NNE 3	WNW 2	10	10	1.930	1 a. - 11 p. = 2.80 inches.
5	47	63	56.2	50.2	48.3	64.3	3.38	3.32	72	92	WNW 4	WSW 1	1	0	1.130	10.3-30 p. and 5 p.
6	71	46	57.9	60.9	43.9	60.9	3.41	3.50	71	94	WSW 1	SSW 2	7	10	2.230	
7	29.39	29.88	53.3	53.1	52.1	61.8	3.93	3.39	97	83	SW 4	W 2	10	0	0.020	
8	30.06	30.13	58.9	55.9	49.7	66.7	4.03	4.20	81	94	WNW 2	W 1	4	10	1.160	
9	15	20	60.2	60.0	54.8	63.9	5.15	5.11	99	99	W 1	E 1	10	10	1.100	
10	26	30	63.2	53.9	50.9	65.7	4.71	4.13	81	100	SE 1	Calm 0	6	0	—	11 p.
11	35	35	64.2	58.3	47.9	67.9	5.12	4.71	85	97	ENE 1	NE 1	1	0	0.010	9 a. 11 p.
12	35	31	64.1	62.1	56.0	67.3	4.85	4.89	81	88	E 2	NE 3	2	0	—	
13	29	19	65.1	63.4	57.8	68.8	4.77	4.95	77	85	E 2	E 4	1	0	—	
14	15	08	65.2	61.2	60.0	68.7	4.91	5.00	80	93	E 3	E 1	1	0	—	10.5-50 a. 11 p.
15	09	09	68.2	65.1	54.2	72.6	5.59	5.69	81	82	E 1	E 3	8	0	—	8.30 a. 11 p.
16	12	23	70.2	60.2	60.0	77.8	5.66	4.82	76	93	S 1	E 1	7	10	—	5.5 p. 11 p.
17	25	32	68.2	62.0	59.8	79.0	5.69	5.17	83	93	E 1	Calm 0	10	0	—	9 a. 11 p.
18	37	37	68.2	58.1	57.0	71.8	5.31	4.52	77	93	N 1	Calm 0	0	0	—	9 a. 11 p.
19	32	24	60.1	58.0	56.7	64.9	4.40	4.18	85	86	ENE 1	E 1	10	0	—	[6.25 p. 11 p.]
20	30.16	30.01	63.9	53.1	48.7	68.0	4.01	3.96	68	98	SE 1	Calm 0	4	0	—	Fine red glow to W., greenish below
21	29.79	29.68	66.2	60.1	46.9	73.0	5.26	4.55	82	88	SE 1	SSW 1	0	0	0.080	11 p.
22	29.72	29.91	54.1	54.0	52.5	63.5	3.90	3.60	93	86	WNW 1	W 1	10	8	—	
23	30.12	30.21	54.0	51.9	45.9	61.7	3.32	3.39	79	88	W 1	WSW 1	0	4	—	
24	19	09	56.1	57.2	44.8	62.8	3.59	3.44	79	73	SW 3	WSW 3	8	10	—	11 p.
25	30.14	30.09	55.9	50.0	48.0	62.7	3.41	3.04	76	85	W 2	Calm 0	8	0	—	4.50 p. 11 p.
26	29.99	29.92	59.9	59.1	46.8	66.2	3.66	4.09	70	82	SSW 2	SW 2	8	10	—	
27	29.93	29.95	57.5	57.5	46.9	61.3	3.22	4.25	68	89	SW 3	SW 2	8	3	—	
28	30.04	30.03	61.2	62.1	50.8	67.9	4.23	4.29	79	77	SW 2	SW 3	3	10	—	9 a.
29	06	19	61.0	54.9	54.3	63.9	4.30	3.79	81	89	SW 1	N 1	10	9	—	
30	30.20	30.06	49.9	56.9	39.9	62.9	3.28	4.06	92	88	WNW 1	SSW 1	2	10	—	11 p.
Means	30.006	30.012	60.7	57.5	51.6	66.3	4.33	4.24	80.8	89.1	1.7	1.4	5.8	4.7	4.000	

## CHELTENHAM.

Height above Mean Sea Level, 184 feet. Long. 2° 3' W. Lat. 51° 54' N.

SEPTEMBER 1884.

1	29.62	29.68	58.1	55.2	55.2	67.0	4.59	3.71	95	86	S 1	S 1	10	10	0.30	● a. and p. Fine during day.
2	70	73	59.1	49.8	47.8	65.4	3.66	3.07	74	86	S 2	SW 1	3	5	0.020	
3	69	61	57.5	51.3	46.5	63.6	3.81	3.62	81	96	SW 1	SW 1	3	9	0.080	Very fine all day.
4	54	57	52.6	52.4	50.3	63.6	3.45	3.21	87	82	NW 4	NW 1	10	2	—	Very fine all day.
5	61	72	56.7	41.8	41.8	63.5	3.27	2.93	71	99	W 4	Calm 0	5	0	—	Very fine all day.
6	63	37	53.4	59.0	39.5	64.1	3.64	4.51	89	91	SE 1	S 6	10	10	1.150	● all day. Squally p.
7	29.52	29.98	56.0	56.3	54.8	62.4	3.38	3.61	75	79	W 8	NW 3	10	9	—	Squally a. Fine and sunny.
8	30.13	30.16	56.2	62.6	55.5	64.0	3.84	5.14	85	91	SW 1	Calm 0	10	10	0.050	● <sup>0</sup> all day.
9	21	21	62.0	61.5	56.5	68.0	5.11	5.18	92	95	Calm 0	Calm 0	10	10	0.010	● <sup>0</sup> a. Fine p.
10	22	25	62.6	61.0	57.8	63.0	5.43	4.85	95	91	Calm 0	Calm 0	10	5	—	Dull.
11	35	37	56.4	51.8	46.4	68.5	4.01	3.79	89	98	SE 1	E 1	5	0	—	Very fine.
12	38	30	55.0	59.8	49.5	67.0	4.73	4.53	95	88	NE 1	E 1	10	0	—	Very fine.
13	26	15	62.2	61.8	53.1	74.0	4.87	4.75	88	86	N 2	NE 4	2	1	—	Very fine.
14	12	30.03	62.8	62.0	55.5	71.2	4.89	5.03	85	91	E 1	E 3	9	5	0.010	Very fine and bright.
15	01	29.96	61.7	66.0	58.0	73.8	5.09	5.46	93	86	E 2	E 6	9	10	0.050	Very fine. ● <sup>2</sup> showers at night.
16	09	30.17	63.2	65.6	61.5	72.7	4.83	4.97	83	75	S 1	S 5	7	5	—	Very fine.
17	27	32	67.6	60.6	59.1	77.5	5.56	5.12	83	97	Calm 0	E 1	4	0	—	Very fine and warm.
18	40	34	63.9	65.0	57.5	77.3	5.22	5.39	88	87	NW 1	Calm 0	0	0	—	∞ a. Very fine and hot.
19	28	30.20	61.4	60.0	56.5	71.8	4.77	4.49	88	87	Calm 0	W 2	1	0	—	∞. Very fine.
20	30.13	29.93	57.8	57.8	53.5	70.0	4.33	4.24	90	88	S 1	Calm 0	10	0	—	Very fine and hot. [7 p. - 9 p.]
21	29.70	29.61	60.5	59.6	54.6	66.3	5.00	4.69	95	92	SE 2	S 2	10	10	3.40	Dull and damp a. Fine afternoon. ●
22	29.81	30.00	53.3	52.5	43.2	60.0	3.44	3.44	84	87	W 3	Calm 0	1	10	0.020	● showers all day.
23	30.20	30.20	53.5	52.6	40.5	59.1	3.12	3.28	76	83	SW 1	SW 1	5	10	—	Fine day. [afternoon.]
24	12	12	56.6	53.0	51.5	61.4	3.27	3.61	71	90	S 6	Calm 0	9	1	0.060	Squally 9 a. Fine a. ● all the
25	30.19	30.07	55.2	55.0	45.6	60.5	3.46	3.62	80	84	W 2	W 1	5	2	—	Very fine day.
26	29.90	29.95	57.8	49.5	49.2	61.4	3.93	3.25	82	93	S 5	Calm 0	9	0	0.030	Dull, with ● <sup>0</sup> .
27	29.85	29.85	57.0	55.6	40.3	64.5	3.73	3.79	80	85	SW 6	SW 3	10	1	0.010	Squally 9 a. and dull a. Fine and
28	30.02	29.98	59.3	60.2	55.2	67.0	4.47	4.47	89	86	S 4	SW 5	10	10	0.060	Dull. [bright p.]
29	06	20.22	55.4	37.9	37.9	60.5	3.81	2.18	87	96	W 2	NE 1	9	0	—	Dull a. Fine afternoon.
30	30.19	30.03	51.4	52.9	34.2	61.0	2.94	2.94	78	74	S 2	S 2	2	10	0.010	— <sup>0</sup> a. Very fine and bright.
Means	30.008	30.008	58.2	56.3	50.3	66.3	4.17	4.03	84.9	88.3	2.2	1.7	6.9	4.8	0.930	

## CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long. 4° 18' W. Lat. 51° 52' N.

SEPTEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	58.7	52.3	51.8	65.3	in.	in.	%	%					ins.		
2	29.60	29.65	58.7	52.3	51.8	65.3	*406	*342	83	87	W	3	SW	2	9	6	ins. 54.0
3	66	71	54.2	51.7	49.3	63.1	*377	*349	90	91	E	1	SE	1	8	10	620
4	69	65	59.4	50.6	48.0	62.0	*367	*298	73	82	E	1	SE	1	6	2	—
5	64	64	58.7	51.7	47.2	62.0	*351	*336	72	87	N	3	NW	4	6	5	—
6	67	74	58.1	46.1	46.1	62.8	*324	*290	68	93	W	3	NW	1	6	4	110
7	57	29.34	52.4	55.4	44.3	61.8	*382	*388	97	89	SE	2	W	8	10	8	480
8	29.71	30.04	58.7	53.0	52.7	62.7	*328	*361	67	90	W	8	W	5	8	6	220
9	30.12	30.19	56.6	60.5	50.9	65.6	*456	*489	100	93	SW	4	W	3	10	6	070
10	23	25	61.5	60.1	59.0	63.4	*480	*406	89	95	W	3	W	1	8	6	010
11	24	24	61.1	63.4	60.1	69.7	*500	*545	93	94	E	1	SW	1	8	8	090
12	32	36	65.9	57.7	57.3	69.7	*505	*407	80	85	E	1	SW	2	4	6	—
13	36	31	62.9	59.9	53.7	70.4	*427	*394	75	77	SE	4	NE	3	2	0	—
14	25	30.09	63.1	58.9	54.8	70.5	*424	*419	74	85	E	5	NE	4	0	5	010
15	07	29.99	60.5	61.3	56.7	68.4	*457	*461	71	85	E	5	E	4	2	8	060
16	00	29.91	62.9	63.9	58.2	72.1	*496	*518	87	88	E	2	E	1	8	10	230
17	03	30.16	64.4	62.7	59.9	71.5	*449	*412	74	73	S	2	Calm	0	7	2	—
18	25	37	64.5	65.4	56.0	76.0	*516	*505	86	82	Calm	0	E	2	9	8	—
19	39	33	69.2	63.9	58.8	78.6	*528	*554	74	94	Calm	0	Calm	0	6	0	—
20	26	30.18	66.6	60.9	58.5	76.2	*562	*477	86	90	Calm	0	Calm	0	0	0	—
21	30.08	29.89	64.9	61.2	52.2	72.4	*472	*456	77	85	E	1	Calm	0	0	0	030
22	29.67	29.65	61.4	52.3	51.4	62.0	*537	*362	100	92	S	1	NE	3	10	10	540
23	29.85	30.05	56.8	50.8	43.2	60.8	*328	*333	71	86	SW	3	W	1	6	9	010
24	30.22	21	55.8	54.8	43.4	59.2	*315	*313	71	73	W	2	W	2	10	10	050
25	07	15	57.1	53.3	52.3	61.0	*446	*357	95	88	SW	5	W	2	10	1	090
26	30.19	30.02	56.8	56.5	44.7	61.2	*384	*374	83	82	Calm	0	W	4	7	10	150
27	29.88	29.94	55.3	45.9	45.9	57.9	*425	*288	97	94	NW	1	SW	1	10	4	450
28	29.78	98	58.9	56.3	44.1	64.0	*479	*388	97	86	SW	6	SW	3	10	6	040
29	30.00	29.93	60.4	59.9	54.0	62.2	*491	*475	94	93	SW	4	SW	3	10	10	170
30	08	30.23	55.0	45.9	45.5	60.8	*299	*284	70	93	Calm	0	Calm	0	5	5	—
31	30.17	29.28	48.2	56.3	38.2	60.1	*253	*369	76	81	SE	1	SW	4	5	10	270
Means	30.001	30.005	59.9	56.4	51.3	65.8	*435	*401	82.3	87.1	2.4		2.2	6.7	5.8	4.240	
																	☁ before 9a. ☁ after dusk. ☁ 11a.-noon. Frequent 4p.
																	Fine day, ☁ showers. ☁ 11p.



## MARGATE.

Height above Mean Sea Level, 83 feet. Long. 1° 24' E. Lat. 51° 24' N.

SEPTEMBER 1884.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	61.7	58.0	56.2	63.9	ins.	ins.	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
2	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
3	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
4	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
5	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
6	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
7	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
8	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
9	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
10	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
11	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
12	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
13	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
14	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
15	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
16	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
17	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
18	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
19	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
20	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
21	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
22	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
23	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
24	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
25	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
26	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
27	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
28	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
29	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
30	29.70	29.75	61.7	58.0	56.2	63.9	5.05	4.21	92	87	SSW 4	SW 3	10	5	ins.	☉ a. Fine afternoon.
Means	30.036	30.036	61.1	59.0	54.7	65.5	4.36	4.39	80.5	86.9	1.8	1.9	5.8	4.0	4.350	

## SOUTHAMPTON.

Height above Mean Sea Level, 78 feet. Long. 1° 24' W. Lat. 50° 55' N.

SEPTEMBER 1884.

1	29.66	29.74	60.1	58.0	57.9	67.0	4.81	4.18	92	86	SW 2.5	SW 2	10	7	176	☉ till Noon, then very pleasant.
2	29.75	29.77	60.9	55.0	51.4	66.0	4.17	3.92	78	91	S 2	Calm 0	9	7	095	☉ shower 10.5a.—10.45a.
3	29.72	29.58	59.9	56.5	48.2	67.5	4.13	3.95	81	86	S 1	NNE 1.5	7	10	968	Beautiful morning.
4	29.50	29.60	52.5	52.8	52.0	64.9	3.78	3.04	95	76	NW 3.5	WNW 3	10	7	—	☉ till 9a., then fine and pleasant.
5	29.64	29.75	61.9	51.6	46.3	66.2	3.51	3.06	63	80	WNW 2	W 2	2	0	040	Beautiful day throughout.
6	29.69	29.46	56.8	59.7	49.0	62.9	4.41	4.77	95	94	SE 1	SW 3.5	10	10	307	☉ a. Beautiful day, with pleasant breeze.
7	29.66	29.03	59.7	55.8	54.8	66.4	3.50	3.67	68	82	WNW 3.5	WNW 2	9	0	007	☉ a. Beautiful day, with pleasant breeze.
8	30.18	30.20	58.5	61.9	53.1	62.6	4.14	3.22	84	95	W 2.5	SW 1.5	10	10	105	☉ a. Beautiful day, with pleasant breeze.
9	29.24	29.23	67.4	63.0	59.5	70.1	5.04	5.00	75	87	W 2	Calm 0	7	10	—	☉ a. Beautiful day, with pleasant breeze.
10	29.22	29.27	63.8	56.8	56.8	67.1	5.10	4.20	88	91	SE 2	Calm 0	10	0	—	☉ a. Beautiful day, with pleasant breeze.
11	29.32	29.31	59.2	58.7	50.7	71.2	4.52	4.09	91	82	NE 2.5	NE 2	1	0	—	☉ a. Beautiful day, with pleasant breeze.
12	29.31	29.25	64.0	58.6	54.2	73.5	4.58	3.91	77	79	NE 3.5	NE 2.5	0	0	—	☉ a. Beautiful day, with pleasant breeze.
13	29.23	29.11	64.6	60.9	53.9	75.1	4.81	4.66	80	88	NE 2	NE 2	0	9	—	☉ a. Beautiful day, with pleasant breeze.
14	29.09	29.01	65.5	61.5	53.9	69.8	5.00	4.70	80	86	NE 2	NE 1.5	6	2	050	☉ a. Beautiful day, with pleasant breeze.
15	29.00	29.97	63.7	66.7	58.2	70.7	5.13	5.37	87	82	NE 2	SE 4	10	10	015	☉ a. Beautiful day, with pleasant breeze.
16	29.11	29.18	69.8	62.9	58.8	73.5	5.21	4.75	77	83	SE 2	E 1	5	2	—	☉ a. Beautiful day, with pleasant breeze.
17	29.24	29.32	71.4	64.6	59.4	78.7	5.60	5.44	73	80	NE 1	NE 0.5	0	0	—	☉ a. Beautiful day, with pleasant breeze.
18	29.37	29.34	70.0	64.2	58.2	80.3	5.95	5.09	81	85	NE 1	Calm 0	0	0	—	☉ a. Beautiful day, with pleasant breeze.
19	29.27	29.20	66.6	58.7	57.5	75.6	4.88	4.38	75	88	NE 1	NE 1.5	0	0	—	☉ a. Beautiful day, with pleasant breeze.
20	29.13	29.06	64.4	58.7	55.6	73.1	4.50	4.35	74	88	ESE 3	NE 1.5	2	0	—	☉ a. Beautiful day, with pleasant breeze.
21	29.07	29.07	63.0	62.5	57.9	65.2	5.33	5.06	93	90	SW 2.5	SW 3.5	10	10	025	☉ a. Beautiful day, with pleasant breeze.
22	29.04	29.05	59.4	54.2	50.9	64.9	3.71	3.55	73	84	NW 3	W 3	0	10	029	☉ a. Beautiful day, with pleasant breeze.
23	29.03	29.05	57.0	52.9	49.1	61.9	3.27	3.46	70	87	NW 2	NW 1	9	1	—	☉ a. Beautiful day, with pleasant breeze.
24	29.23	29.18	56.2	54.7	51.3	61.5	3.47	3.03	76	95	SW 2	W 1.5	10	10	035	☉ a. Beautiful day, with pleasant breeze.
25	29.23	29.13	59.7	54.1	48.9	66.0	3.96	3.70	77	88	WNW 1.5	SW 1	2	2	009	☉ a. Beautiful day, with pleasant breeze.
26	29.00	29.09	58.1	53.0	52.9	63.9	4.47	3.71	91	92	W 2	NW 1	10	10	075	☉ a. Beautiful day, with pleasant breeze.
27	29.08	29.04	57.6	57.7	47.9	61.3	3.79	4.53	80	95	SW 4	SW 3	10	0	027	☉ a. Beautiful day, with pleasant breeze.
28	29.11	29.09	62.0	59.3	54.0	64.5	4.81	4.76	87	94	SW 2	SW 3	10	10	017	☉ a. Beautiful day, with pleasant breeze.
29	29.09	29.21	61.3	52.8	52.8	64.0	4.86	3.33	90	83	SW 2.5	NNW 1.5	10	2	026	☉ a. Beautiful day, with pleasant breeze.
30	29.21	29.10	51.8	52.8	44.0	60.3	3.16	3.33	82	83	N 1	SW 0.5	10	10	013	☉ a. Beautiful day, with pleasant breeze.
Means	30.033	30.033	61.5	58.0	53.3	67.9	4.46	4.24	81.1	87.0	2.2	1.7	6.3	5.0	2.020	

## ST. LEONARDS.

Height above Mean Sea Level, 116 feet. Long. 0° 33' E. Lat. 50° 51' N.

SEPTEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	59.8	60.0	58.5	62.6	ins.	ins.	98	80	WSW 4	WSW 4	10	3	ins.	Overcast, with ☉ a. U p.
2	29.78	29.70	60.6	59.8	56.5	63.7	5.05	4.45	98	79	SW 3	SW 2	9	10	430	Overcast, with frequent ☉ a.
3	75	54	61.0	59.5	53.6	64.5	5.07	4.45	75	95	SW 2	ENE 3	3	10	1216	Overcast, with ☉ at night.
4	35	54	55.0	52.8	52.6	60.1	4.18	3.90	97	73	N 6	NW 3	10	3	371	☉ (gale) early a. Bar. rising from [8a] (gale) n.
5	62	73	56.0	53.8	46.9	64.7	3.33	3.10	74	75	WNW 3	WNW 3	1	0	—	☉ a. Beautiful day, with constant [8a] (gale) n.
6	72	29.52	58.3	62.0	49.5	62.8	4.09	3.54	83	96	S 3	SW 7	10	10	571	Overcast all day, with constant [8a] (gale) n.
	29.62	30.01	58.7	54.3	54.3	64.2	3.37	3.52	68	84	WNW 8	NW 3	8	0	—	☉ (gale) in past n. and till 1 p.
	30.15	17	58.7	60.7	51.1	62.1	3.92	3.15	79	97	WNW 4	NW 2	8	10	025	Overcast, with ☉ p.
9	22	20	62.5	63.9	58.1	70.4	5.03	5.31	89	90	NW 3	NW 2	10	3	—	Overcast day.
10	24	27	64.4	57.8	57.8	69.3	5.03	4.30	64	89	E 4	E 3	0	0	—	Very fine all day. ☉ n.
11	29	29	66.0	60.2	55.5	73.0	5.09	4.66	80	90	NE 4	NE 5	0	0	—	☉ a. and p. Very fine all day.
12	27	24	68.2	60.7	57.9	73.5	5.11	4.37	74	83	NE 5	NE 4	0	0	—	Fine day. ☉ n.
13	21	11	67.8	62.2	57.1	74.5	5.07	4.91	75	88	NE 3	NE 3	1	0	—	☉ p. ☉ in SSW, at night.
14	08	02	62.1	61.7	58.0	69.0	4.80	4.86	86	89	NNE 2	N 1	8	0	—	☉ p.
15	03	00	64.0	69.9	61.7	72.3	4.95	5.29	83	72	ESE 3	E 3	8	10	040	—
16	14	19	67.7	66.3	62.6	72.1	5.56	5.46	82	85	SSE 1	E 3	0	10	—	—
17	24	31	71.8	67.0	64.0	74.8	5.40	4.93	69	75	ESE 2	Calm 0	2	0	—	Fine day.
18	35	34	74.2	62.7	61.6	80.7	5.54	4.91	65	86	NE 4	NE 3	0	0	—	Very fine all day.
19	27	30.20	62.6	58.0	58.0	68.9	4.86	4.21	85	87	ENE 3	ENE 3	10	0	—	Overcast till 11.30 a., then fine.
20	30.13	29.98	63.6	61.9	57.7	68.3	4.10	3.57	70	83	ENE 4	ENE 3	0	0	—	Very fine all day. ☉ n.
21	29.81	29.71	62.9	62.5	60.6	66.0	5.21	5.10	91	90	WSW 3	SW 3	10	10	260	—
22	29.77	30.00	55.1	52.7	52.7	63.1	3.80	3.41	87	86	NW 3	NW 3	10	0	—	-Overcast till 10 a. ☉ op.
23	30.21	28	56.4	52.4	49.5	62.6	3.28	2.99	72	76	NW 3	W 1	0	3	—	Fine till 11 a. Cloudy p.
24	35	18	60.5	59.3	50.9	60.6	3.14	3.74	80	75	W 3	WSW 5	6	10	050	Overcast day.
25	21	30.15	57.3	56.8	49.6	63.0	3.94	3.70	83	80	W 2	WSW 3	0	0	—	☉ ga. Very fine till 11 a. Cloudy p.
26	03	29.98	60.2	60.7	55.2	62.8	3.62	4.20	69	80	SW 4	SW 5	10	10	122	Overcast day. [8a] op.
27	03	30.05	59.2	62.2	47.0	61.5	3.45	4.99	69	96	WSW 5	W 4	8	10	085	Almost constant ☉ from 2.30 p.
28	14	11	61.1	61.7	57.7	63.7	4.38	4.80	81	89	WSW 4	SW 3	10	10	—	Overcast.
29	12	10	62.8	55.9	55.7	64.8	4.05	4.09	82	92	SW 3	NW 2	3	10	047	—
30	30.20	30.10	55.8	60.2	53.0	62.7	3.89	4.72	87	91	NNE 2	SE 1	1	10	0	Overcast.
Means	30.031	30.031	61.8	59.9	55.5	66.7	4.30	4.42	78.5	85.0	3.4	3.0	5.5	4.7	3.408	



BABBACOMBE.

Height above Mean Sea Level, 293 feet. Long.  $3^{\circ} 31' W.$  Lat.  $50^{\circ} 29' N.$

SEPTEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	[sun.		
1	29°66	29°74	58°0	53°0	53°0	67°2	°451	°371	93	92	SW	2	SW	2	9	°270	Sky brownish yellow near and below	
2	"74	"75	60°1	51°9	50°0	64°8	°391	°336	76	87	SW	3	SW	1	4	3	°120	D <sup>2</sup> (mist) p. < 9.30p. Sky
3	"69	"58	57°8	55°5	47°4	60°5	°396	°342	82	78	NE	1	NNE	4	6	10	°040	○ 9.30a.—10.15a. [brownish yellow.
4	"63	"60	60°4	49°8	40°4	64°6	°338	°390	84	82	NNW	4	W	2	2	2	—	Squally 9a. and before. D p.
5	"70	"77	59°9	55°6	47°0	66°2	°357	°345	70	78	WNW	2	WSW	2	10	9	°050	
6	"64	"69	55°1	57°6	54°5	65°3	°419	°424	96	88	S	3	W	4	10	9	°160	
7	29°75	30°09	59°9	53°6	52°4	64°1	°391	°351	76	85	WNW	4	W	3	8	2	°030	D <sup>2</sup> p.
8	30°18	"26	58°2	61°3	52°0	68°5	°401	°494	82	91	WSW	3	SW	2	10	9	—	D <sup>2</sup> p.
9	"28	"26	62°2	60°0	56°9	67°7	°434	°444	78	86	WSW	2	NW	1	9	6	—	Wind NNE. 2p. D 10p.
10	"23	"26	62°1	60°0	57°3	65°3	°496	°491	89	95	NNE	1	NE	1	10	10	°010	W <sup>0</sup> (mist) a. and p. [Squally p
11	"32	"32	62°1	60°5	56°3	67°8	°410	°446	75	85	NE	2	NE	3	0	0	—	D <sup>2</sup> n. and p. W <sup>0</sup> (mist) a. Fine day.
12	"32	"35	61°0	61°0	56°9	68°6	°419	°443	79	83	NE	3	NNE	3	1	1	—	D <sup>2</sup> in past n. W <sup>0</sup> (mist) a. and p.
13	"23	30°11	62°0	61°3	55°8	69°4	°449	°460	81	87	NE	2	NE	2	2	3	—	W <sup>0</sup> (mist) a. and p. T <sup>0</sup> 4.30p.
14	30°07	29°06	61°2	61°2	57°3	69°0	°447	°496	83	92	ENE	3	ENE	3	3	320	D <sup>2</sup> W <sup>0</sup> (mist) a. and p. < 8.30p. [—10p. K 10p.—10.45p.	
15	29°07	29°00	60°8	62°0	59°2	64°6	°505	°531	95	96	E	3	E	4	9	10	°360	W <sup>0</sup> (mist) a. and p. < in SE. 7.30p. [Scotch 8.15p.—8.35p.
16	30°08	30°17	62°0	62°0	59°0	65°2	°500	°491	90	89	SSE	2	ENE	2	4	10	°010	D <sup>2</sup> W <sup>0</sup> (mist) p. Very fine day.
17	"44	"35	68°1	62°5	59°6	71°4	°603	°590	88	90	NE	1	Calm	0	6	0	—	D <sup>2</sup> W <sup>0</sup> (mist) a. and p. Very fine [day. Crimson glow after sunset.
18	"38	"34	67°9	64°0	61°3	72°9	°570	°528	84	89	N	1	ENE	1	0	0	—	D <sup>2</sup> W <sup>0</sup> (mist) a. and p. Very fine [day. Crimson glow after sunset.
19	"25	30°17	64°5	61°3	60°2	66°7	°487	°529	81	97	ENE	3	ENE	2	0	1	—	D <sup>2</sup> W <sup>0</sup> (mist) a. and p. Fine day.
20	30°10	29°04	60°2	60°0	58°9	64°5	°479	°487	92	95	ENE	4	E	2	10	1	—	D <sup>2</sup> W <sup>0</sup> (mist) a. and p. < in S. p.
21	29°75	29°67	60°0	57°1	56°7	61°7	°511	°457	99	98	SSW	3	SW	3	10	10	°160	A till 3a. Scotch 8a.—9.30a.
22	29°89	30°09	58°0	52°1	45°1	62°7	°342	°334	71	85	W	3	WSW	2	1	6	°010	Squally before 9a. D p.
23	30°27	"29	56°2	54°5	48°2	60°0	°340	°353	75	83	W	2	WSW	2				
24	"22	"21	57°1	52°5	52°5	62°4	°349	°355	75	90	WSW	5	WSW	3	8	4	°010	D p.
25	30°25	"12	58°8	54°3	48°1	64°5	°374	°362	76	86	WSW	2	SW	3	3	10	—	D <sup>2</sup> in past n. ○ 3.50p.—4.15p.
26	29°06	"02	59°4	48°0	47°8	60°8	°403	°309	80	93	SW	5	WSW	2	9	1	°010	D <sup>2</sup> p. Wind NW. 3p.
27	29°03	"05	59°2	56°2	45°8	60°8	°388	°430	77	96	WSW	7	SW	3	8	1	°060	○ 9.30a. Squally a. D p.
28	30°10	"06	59°6	58°0	53°0	63°6	°470	°454	92	94	WSW	3	WSW	4	10	10	°040	
29	"13	"25	55°8	47°0	46°8	61°3	°381	°268	86	84	NNW	2	NW	1	10	1	—	○ 2p.—4p. D <sup>2</sup> W <sup>0</sup> (mist) p.
30	30°22	30°10	57°1	53°1	40°2	61°8	°312	°344	67	84	WSW	1	WSW	3	1	10	°060	— a. U 7.10p.—7.20p.
Means	30°039	30°042	60°2	56°9	53°0	65°1	°427	°416	81°7	88°6	2°7		2°3		5°8	5°4	1°720	

ST. AUBIN'S, JERSEY.

Height above Mean Sea Level, 139 feet. Long.  $2^{\circ} 10' W.$  Lat.  $49^{\circ} 11' N.$

SEPTEMBER 1884.

1	29° 76	29° 84	60° 0	60° 3	57° 0	64° 0	'493	'449	95	86	SW	3	SW	1	10	8	'170	○ <sup>0</sup> at times p. $\mathbb{U}^0$ p.
2	" 82	" 83	63° 0	57° 3	57° 3	68° 9	'443	'419	77	88	SW	3	Calm	0	6	10	'120	Fine and clear p.
3	" 75	" 48	62° 0	58° 0	53° 6	63° 0	'427	'433	77	89	SE	3	NE	3	7	9	1230	Fine a. ● <sup>2</sup> showers during day
4	" 62	" 75	57° 2	56° 3	52° 1	64° 1	'392	'326	84	71	NW	3	NW	3	9	7	'017	● <sup>2</sup> n. and a. Fine day. $\mathbb{U}$ p.
5	" 74	" 84	64° 4	58° 3	53° 7	67° 7	'367	'371	60	76	NW	1	W	2	3	9	'010	Day extremely fine. [p.
6	" 80	29° 62	57° 0	59° 6	55° 2	66° 2	'420	'482	90	94	S	2	W	7	10	10	'310	Squally a. and p. Scotch $\mathbb{W}$ p. ●
7	29° 87	30° 16	59° 5	58° 0	57° 1	66° 0	'429	'393	85	81	WbyN	4	NW	2	5	5	'002	Squally a. Hot sun. $\mathbb{U}$ p.
8	30° 27	" 32	62° 2	61° 0	56° 1	65° 8	'427	'503	77	94	W	2	NW	2	9	10	'002	Gloomy.
9	" 33	" 29	64° 0	58° 0	57° 0	67° 1	'461	'427	77	88	WSW	1	Calm	0	9	4	—	Very cloudy a. Fine p. $\mathbb{D}$ $\mathbb{U}$ p.
10	" 22	" 24	64° 0	61° 0	56° 2	69° 0	'525	'470	88	88	N	1	E	2	10	0	—	$\mathbb{D}$ a. Gloomy a. Very fine p.
11	" 28	" 28	66° 1	60° 5	57° 0	70° 3	'492	'443	77	84	NE	2	NE	2	1	0	—	$\mathbb{D}$ a. Extremely fine and warm all
12	" 25	" 22	66° 8	60° 0	59° 2	70° 0	'493	'453	75	88	NE	3	NE	2	2	0	—	$\mathbb{D}$ a. Extremely fine and warm. [day.
13	" 19	30° 09	66° 8	61° 3	57° 0	71° 8	'458	'493	70	90	E	2	NE	1	2	2	—	$\mathbb{D}$ a. Extremely fine. $\mathbb{D}^0$ p.
14	30° 05	29° 97	65° 5	64° 2	57° 9	71° 9	'435	'489	70	81	E	2	E	1	7	10	'004	Fine a. $\mathbb{T}^0$ $\mathbb{C}^0$ in evening.
15	29° 96	29° 92	66° 0	65° 0	59° 0	68° 2	'503	'544	79	88	E	2	E	1	8	10	'050	Very cloudy or overcast. $\mathbb{T}^0$ $\mathbb{C}^0$ p.
16	30° 09	30° 15	68° 1	68° 3	60° 0	70° 9	'506	'600	73	86	E	2	SE	1	5	9	'033	$\mathbb{D}^0$ early a. Fine a. Gloomy p.
17	" 25	" 34	73° 8	68° 3	63° 2	78° 4	'557	'516	67	74	NE	1	Calm	0	1	1	—	$\mathbb{D}$ a. [Very warm evening.
18	" 38	" 33	75° 2	66° 2	64° 0	81° 4	'591	'516	67	81	Calm	0	NE	2	0	0	—	$\mathbb{W}$ (mist) a. Hottest September day [yet recorded here.
19	" 22	30° 13	66° 0	64° 0	61° 4	69° 4	'520	'532	83	89	NE	3	E	3	9	7	—	$\mathbb{W}$ early a. $\mathbb{W}$ (mist) during day.
20	30° 08	29° 95	67° 8	66° 0	60° 8	73° 6	'486	'547	71	86	ENE	2	Calm	0	0	2	—	Extremely fine. $\infty$ $\mathbb{C}^0$ to W. in
21	29° 88	29° 78	63° 0	60° 2	59° 0	67° 5	'506	'489	88	94	SW	1	Calm	0	10	10	'940	● <sup>2</sup> 5p.-6p. (750 inch fell.) [evening.
22	29° 04	30° 14	63° 4	56° 4	53° 2	67° 7	'360	'359	61	79	NW	2	N	1	4	2	'012	Fine, clear and breezy. Hot sun.
23	30° 30	" 35	65° 0	53° 5	53° 0	67° 7	'366	'334	59	81	N	2	NW	1	4	2	—	Extremely fine. $\mathbb{D}^0$ p.
24	" 32	" 28	58° 5	55° 0	51° 3	65° 3	'344	'395	70	91	SW	2	SW	2	9	9	'054	$\mathbb{D}$ a. Very fine day.
25	" 29	" 21	62° 3	55° 5	52° 1	66° 1	'395	'384	70	87	Calm	0	Calm	0	3	1	—	Extremely fine. $\mathbb{D}$ p.
26	" 09	" 08	60° 0	56° 6	55° 1	65° 4	'395	'435	76	95	SW	3	Calm	0	10	10	'044	$\mathbb{D}^0$ a. Day very cloudy or overcast.
27	" 13	" 17	60° 4	60° 3	50° 4	65° 0	'360	'506	68	97	SW	3	SW	3	9	10	'160	Overcast.
28	" 21	" 16	62° 0	61° 8	58° 3	66° 3	'500	'441	90	80	SW	3	SW	2	9	10	'014	Gloomy.
29	" 16	" 24	64° 7	58° 4	55° 8	66° 4	'460	'445	76	91	SW	1	NbyW	2	7	10	'017	$\mathbb{D}^0$ p.
30	30° 23	30° 16	58° 0	57° 3	55° 2	64° 8	'367	'427	76	90	NNE	1	Calm	0	10	7	—	Very cloudy a. Fine p. $\mathbb{D}$ p.
Means	30° 083	30° 077	63° 8	60° 2	56° 7	68° 4	'450	'454	75° 9	86° 2	2° 0		1° 5	6° 3	6° 1	3° 279		

Earth temperature: Mean of 10 readings (taken every third day) at 1 foot  $64^{\circ} \cdot 8$ ; at 3 feet  $63^{\circ} \cdot 3$ ; at 6 feet  $61^{\circ} \cdot 8$ .

LONDONDERRY.

Height above Mean Sea Level, 93 feet. Long.  $7^{\circ} 19' W.$  Lat.  $55^{\circ} 0' N.$

SEPTEMBER 1884.

Day.		Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	54°7	50°7	45°4	63°4	in.	in.	%	%	S	1	W	2	10	3	ins.
2	29°51	29°47	54°7	50°7	45°4	63°4	377	320	88	87	S	1	W	2	10	3	ins.
3	59	67	55°7	40°0	45°4	61°3	344	325	82	88	S	2	SW	2	10	0	100
4	66	66	59°2	51°8	45°5	61°0	379	308	85	89	SW	2	SW	1	7	2	100
5	67	67	53°2	48°7	47°3	60°0	368	361	77	93	NW	2	NW	1	8	10	110
6	52	29	50°4	50°2	40°5	60°0	368	324	91	94	NW	2	NW	1	7	3	—
7	65	92	58°7	52°7	48°4	60°7	357	350	78	98	S	1	SE	3	5	10	950
8	29°07	29°99	53°7	60°7	40°0	61°9	387	307	72	92	WNW	2	NW	1	8	10	950
9	30°07	30°13	64°2	62°7	59°1	70°9	542	527	94	100	SSE	2	S	1	10	10	360
10	14	19	64°7	58°2	56°8	73°5	479	542	91	95	W	1	SW	1	10	10	—
11	30	38	64°0	57°1	51°8	71°0	473	445	79	93	E	1	S	1	8	0	—
12	46	46	61°2	54°4	50°0	73°0	449	445	79	93	E	1	Calm	0	2	0	—
13	43	34	61°3	57°2	46°3	70°8	443	443	80	95	S	1	S	1	0	0	—
14	29	22	62°0	55°7	50°0	70°7	443	443	80	95	NE	1	E	1	0	0	—
15	17	13	57°1	56°5	50°8	64°4	401	412	85	90	NE	1	E	1	3	0	—
16	04	12	59°2	58°4	53°0	68°0	461	412	85	90	SE	2	NE	1	6	0	—
17	24	42	63°2	55°4	55°0	68°0	461	442	92	90	E	1	S	1	10	0	050
18	47	39	50°2	53°5	52°0	67°6	443	469	81	95	SW	2	S	1	5	0	—
19	24	30°10	57°5	64°7	49°0	75°4	455	399	91	97	E	1	Calm	0	7	0	—
20	30°04	29°77	58°7	60°7	55°8	70°2	455	478	96	95	NW	1	SW	1	10	1	—
21	29°57	59	57°2	48°1	46°8	63°2	429	390	72	89	W	2	S	2	8	2	—
22	30°72	95	55°7	48°7	46°3	55°7	401	306	91	91	SSW	1	SW	2	10	0	190
23	30°07	29°01	54°2	51°7	47°1	58°0	330	298	90	87	W	3	SW	2	10	0	150
24	29°82	30°04	54°0	50°9	49°8	58°7	371	337	78	88	W	2	SW	4	6	1	120
25	30°01	29°69	53°2	54°2	47°8	59°0	343	348	89	93	SW	4	SW	1	9	5	170
26	29°75	61	51°5	50°7	46°6	59°4	303	275	79	75	SW	2	S	5	10	10	030
27	51	64	56°7	51°7	48°5	58°0	341	355	73	92	W	5	SW	4	10	10	040
28	75	29°71	51°7	47°7	46°9	58°2	362	326	94	99	W	3	SW	1	10	10	170
29	93	30°04	48°7	47°7	43°3	55°3	296	288	86	87	SW	3	SW	2	3	0	590
30	29°86	29°68	52°7	50°5	46°8	56°0	325	331	81	90	SSW	4	WSW	2	10	8	020
Means	29°930	29°924	57°0	53°7	49°0	63°8	395	383	84°2	91°3	2°0		1°7	7°2	4°2	3°610	340

ARMAGH.

Height above Mean Sea Level, 203 feet. Long.  $6^{\circ} 39' \text{ W.}$  Lat.  $54^{\circ} 21' \text{ N.}$

SEPTEMBER 1884.

1	29°51	29°50	55°4	50°2	43°6	61°0	*358	*295	82	82	S	2	SSW	1	10	0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														</
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MARKREE CASTLE, SLIGO.

Height above Mean Sea Level, 131 feet. Long. 8° 27' W. Lat. 54° 11' N.

SEPTEMBER 1984.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	55°	47°	45°	60°	in.	in.	%	%	SSW 2	SSE 1	10	5	ins.	☼ noon.
2	29°47	29°45	55°2	47°2	45°4	60°5	352	300	81	93	SSW 2	SSE 1	9	3	0°80	
3	43	55	55°8	46°2	46°0	59°9	345	290	77	93	SSW 2	SSE 1	9	3	0°90	
4	61	69	57°3	51°0	44°2	60°4	385	338	81	90	W 1	? W 0°5	8	8	2°00	
5	69	67	54°3	45°9	45°5	60°0	352	292	83	95	? W 1	Calm 0	10	8	0°50	
6	68	68	56°3	43°5	43°4	59°2	359	269	78	95	NW 2	Calm 0	8	3	—	
7	44	30	52°7	51°1	33°7	53°4	310	342	78	91	SE 1	? N 3	10	10	7°50	☾ in past n.
8	71	29°96	55°3	50°1	49°3	59°4	356	344	81	95	? wsw 2	Calm 0	10	10	5°00	
9	29°94	30°00	54°8	60°4	49°4	66°0	416	509	96	97	SSE 1	S 1	10	10	0°10	
10	30°06	11	62°6	61°6	60°1	70°8	534	534	94	97	SSW 1	SSW 1	10	10	0°30	
11	12	17	59°2	59°7	57°3	65°8	425	470	85	92	S 2	Calm 0	9	10	—	
12	28	34	60°9	58°6	54°9	63°0	440	473	83	96	SSE 3	Calm 0	7	10	—	
13	41	41	58°9	50°9	50°5	68°4	468	335	95	99	SE 1	Calm 0	10	1	—	
14	35	25	61°3	59°3	44°7	71°5	410	438	76	87	ESE 2	NNE 0°5	2	2	—	☾ in past n. ☼
15	17	12	61°9	58°5	53°6	66°0	447	414	81	84	SE 2	E 3	6	10	—	
16	30°09	06	55°9	56°4	53°9	61°0	391	419	87	92	SE 1	Calm 0	10	10	—	
17	30°93	02	60°2	56°2	56°2	67°6	479	450	92	87	ESE 4	SSE 26	10	9	—	
18	30°24	41	63°0	52°2	52°1	66°3	449	374	78	96	SSW 2	Calm 0	8	2	—	☼ 10 sp. ☼ 10 sp. ☾
19	45	33	53°7	57°6	41°0	69°5	398	448	96	94	Calm 0	Calm 0	10	2	—	
20	19	30°11	61°1	59°9	54°4	74°4	441	490	82	95	SE 4	Calm 0	6	10	—	☼ a. ☼ 10 sp. ☾
21	30°02	29°77	57°1	57°5	54°4	65°5	355	433	76	91	SSW 2	SSW 3	10	10	1°50	ga.
22	29°59	29°64	51°2	44°3	44°2	58°0	363	282	97	97	N 1	Calm 0	10	4	1°40	☼ sp.
23	29°79	30°00	49°1	48°1	43°2	55°4	334	306	96	91	? wsw 2	? wsw 1	10	9	2°00	
24	30°11	29°01	53°2	51°7	46°4	58°3	325	365	80	95	? NW 0°5	S 3	9	10	2°80	
25	29°85	30°08	53°9	51°3	49°5	59°5	361	319	87	84	SSW 2	Calm 0	10	10	0°20	
26	30°01	29°68	54°0	53°6	49°1	58°6	363	398	87	97	S 3	S 4	10	10	0°80	Boisterous ☼ with ☼ p.
27	29°78	58	52°0	49°4	44°8	57°6	315	325	81	92	SSW 2	S 5	9	10	1°80	☼ (gale) in past n. ☼ 7.30 a.
28	57	64	55°0	54°0	49°2	59°5	349	400	81	96	? wsw 4	S 4	6	10	1°30	
29	72	29°77	49°3	46°2	46°2	58°5	344	297	98	96	Calm 0	SSW 1	10	6	4°80	
30	97	30°04	50°8	44°7	36°9	54°8	304	284	82	96	SSW 2	S 2	7	8	0°60	
31	29°82	29°72	52°9	49°2	44°2	55°5	339	324	85	93	S 6	S 1	10	10	2°80	☼ (gale) ☼ showers 10 a.—4.30 p.
Means	29°915	29°915	56°0	52°7	48°1	62°1	384	375	85°1	92°9	2°0	1°4	8°8	7°7	3°710	

DUBLIN.

Height above Mean Sea Level, 51 feet. Long.  $6^{\circ} 15' W.$  Lat.  $53^{\circ} 20' N.$

SEPTEMBER 1884.

[illegible]

PARSONSTOWN (BIRR CASTLE).

Height above Mean Sea Level, 182 feet. Long.  $7^{\circ} 55' W.$  Lat.  $53^{\circ} 6' N.$

SEPTEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	57° 5'	48° 9'	45° 6'	62° 0'	in.	in.	9/10	9/10	SW	1	SE	1	ins.	
2	29° 52'	29° 55'	57° 5'	48° 9'	45° 6'	62° 0'	356	289	75	84	SW	1	SE	1	ins.	
3	54	57	55° 6'	47° 3'	44° 1'	59° 2'	320	285	72	88	SW	1° 5'	SE	1	0° 32	
4	65	74	54° 8'	46° 8'	41° 4'	61° 2'	340	287	79	90	SSW	0° 5'	Calm	0	0	019
5	72	69	56° 5'	50° 2'	41° 1'	60° 7'	326	310	71	86	W	1° 5'	Calm	0	6	10
6	72	71	54° 5'	49° 1'	36° 7'	61° 1'	325	295	77	84	NW	1	Calm	0	6	10
7	74	29° 27	52° 9'	51° 5'	44° 4'	60° 3'	362	341	91	89	E	0° 5'	W	6	10	10
8	30° 00	30° 00	56° 2'	52° 7'	48° 0'	62° 2'	337	344	74	87	W	2	SW	1	7	10
9	13	16	64° 0'	62° 5'	60° 0'	70° 4'	315	500	86	89	SW	1	SW	3° 5'	10	10
10	17	20	59° 7'	58° 5'	53° 1'	70° 2'	425	414	83	84	SW	0° 5'	Calm	0	10	7
11	31	36	58° 5'	62° 5'	48° 9'	68° 9'	429	465	87	82	S	0° 5'	S	1	8	9
12	40	39	61° 3'	55° 6'	47° 4'	70° 8'	444	372	82	84	Calm	0	S	0° 5'	10	10
13	31	22	61° 5'	58° 4'	50° 9'	70° 3'	401	421	74	86	E	1° 5'	SE	1° 5'	0	0
14	13	08	62° 3'	59° 1'	54° 9'	66° 6'	439	421	78	84	NE	1	NE	2° 5'	8	10
15	30° 05	01	59° 5'	58° 2'	56° 1'	65° 5'	410	436	81	90	E	2	NE	2	8	10
16	29° 02	08	63° 5'	59° 5'	57° 2'	67° 4'	453	438	77	87	SSE	1	SE	2° 5'	6	0
17	30° 27	43	64° 0'	54° 3'	54° 1'	70° 2'	461	399	77	95	SSE	0° 5'	Calm	0	5	4
18	45	35	54° 9'	58° 9'	45° 4'	73° 4'	485	426	90	86	Calm	0	SE	1	0	—
19	22	30° 16	65° 5'	60° 1'	50° 9'	76° 9'	510	503	81	97	E	0° 5'	Calm	0	1	0
20	30° 06	29° 82	59° 3'	60° 8'	57° 7'	69° 7'	457	471	91	88	Calm	0	SSE	1° 5'	0	10
21	29° 61	29° 70	57° 7'	48° 3'	47° 9'	61° 7'	412	282	86	84	W	1	WNW	1	10	0
22	29° 85	30° 08	53° 5'	48° 8'	45° 1'	57° 2'	316	290	77	84	W	1	NW	1° 5'	10	10
23	30° 18	04	54° 5'	53° 0'	46° 6'	56° 9'	306	320	72	79	SW	1	SSW	2° 5'	9	10
24	29° 07	30° 15	54° 5'	50° 3'	40° 9'	59° 6'	342	319	80	88	SW	2	WNW	1	10	8

## KILLARNEY.

Height above Mean Sea Level, 93 feet. Long.  $9^{\circ} 30' W.$  Lat.  $52^{\circ} 4' N.$

SEPTEMBER 1884.

TEMPERATURE.																		
1	29°54	29°55	53°4	49°9	46°7	60°7	*348	*325	85	91	WSW 2	Calm	0	9	5	*085	☉ showers.	
2	'57	'58	54°3	50°0	47°0	59°7	*340	*319	81	89	WSW 2	WSW 1	6	5	5	*235	☉ <sup>2</sup> shower 10a.	
3	'07	'78	53°4	45°7	43°3	59°9	*379	*295	93	96	W 1	N 1	8	5	5	*022		
4	'76	'69	54°9	50°5	41°0	58°9	*345	*328	81	90	NW 2	Calm	0	10	10	—	Dull and overcast. U p.	
5	'74	'72	54°9	49°1	46°5	59°7	*345	*318	81	91	Calm	0	Calm	0	5	10	*105	Cloudy day. ∞ 9p.
6	'30	29°47	60°0	53°5	47°9	61°2	*483	*328	94	79	SSW 4	NW 6	10	8	8	*195	☉ from WSW., with ☉ showers.	
7	29°83	30°02	57°5	55°7	51°9	60°8	*366	*371	78	84	NW 5	W 2	5	9	9	*050	Fine day.	
8	30°04	*10	62°6	61°1	54°3	64°7	*501	*501	91	93	W 2	E 1	9	9	9	*070	Very mild a. ☉ <sup>0</sup> .	
9	'13	'15	63°0	60°0	59°9	64°7	*516	*469	90	91	WSW 3	NW 3	7	9	1	—	Warm, muggy, and damp.	
10	'13	'18	60°2	59°0	55°6	62°2	*426	*439	82	89	SSW 3	Calm	0	9	10	—		
11	'25	'32	61°8	60°0	53°2	68°9	*459	*421	83	81	SE 1	ESE 3	7	1	1	—	Fine day.	
12	'36	'34	59°2	54°2	51°9	71°0	*436	*374	88	89	ESE 2	E 1	0	1	—	☉		
13	'25	'15	58°1	57°5	43°6	71°0	*391	*406	81	85	SE 4	Calm	0	0	—	☉ ☉ ☉ <sup>2</sup> . Red sunset.		
14	'07	30°03	58°4	58°6	52°0	67°8	*424	*453	87	88	E 2	E 4	9	0	—	☉ ☉ ☉ <sup>2</sup>		
15	30°00	29°57	58°3	57°2	52°9	65°0	*431	*433	89	93	E 2	Calm	0	9	0	*480	☉ ☉ ☉ <sup>2</sup>	
16	29°76	30°03	60°8	61°0	55°2	66°2	*489	*470	92	88	ESE 6	Calm	0	10	10	*160		
17	30°25	*41	61°0	53°4	52°1	70°2	*473	*383	88	94	Calm	0	Calm	0	2	0	—	Warm day.
18	'40	'32	63°3	62°0	44°8	73°5	*513	*444	82	80	E 1	E 2	2	2	—	—	Warmest day this year.	
19	'20	30°07	63°0	58°8	55°8	69°7	*513	*471	89	95	S 1	Calm	0	6	10	—	☉. Fine day. ☼ 9p.	
20	30°07	29°86	59°0	58°0	57°0	65°0	*461	*447	93	92	Calm	0	SW 1	10	10	*145	☉ ☼ ☼	
21	29°66	29°77	54°6	46°7	46°2	58°9	*401	*299	94	94	W 4	Calm	0	10	1	*275		
22	30°04	30°14	52°5	49°4	46°0	55°8	*362	*327	92	93	NW 4	Calm	0	8	4	*100	☉ <sup>2</sup> showers.	
23	'23	'05	54°2	53°9	49°0	57°0	*331	*378	78	91	W 3	NW 3	10	4	*220	Cloudy.		
24	'06	30°21	53°9	52°9	52°1	58°2	*346	*360	83	90	W 5	W 1	8	7	*048	☉ showers. Cool.		
25	30°12	29°81	54°9	56°1	46°6	60°2	*340	*430	80	95	SSW 4	SW 4	10	10	10	*375		
26	29°91	'76	52°3	52°9	47°1	58°4	*304	*319	77	80	WSW 4	SW 3	10	9	*526			
27	'75	'86	57°2	59°5	51°4	60°7	*309	*464	66	92	W 6	W 3	4	10	*216			
28	29°81	29°90	61°3	50°4	50°0	62°7	*465	*351	86	96	SSW 7	W 3	10	10	*100	☉ ☉ <sup>2</sup> showers.		
29	30°09	30°15	53°8	51°9	45°2	57°7	*287	*320	60	85	W 3	W 1	7	6	*020	☉ showers.		
30	29°98	29°89	55°8	53°1	50°9	58°0	*345	*329	77	81	SSW 3-4	NNW 2	10	10	*710	Bourrasque passed over 11.20a.		
Mean	29°56½	29°57½	57°6	54°7	44°9	62°9	*403	*385	84½	89½	2°9	1°5	7°3	6°1	4°137			



## DUNROBIN CASTLE.

Height above Mean Sea Level, 12 feet. Long. 3° 59' W. Lat. 57° 57' N.

OCTOBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	58.4	58.4	42.7	58.4	ins.	ins.	77	85	N	NW	—	—	ins.	
2	29.68	29.61	51.5	53.7	42.2	57.6	330	373	87	90	SW	W	—	—	0.80	Dull, with showers.
3	29.77	29.56	51.5	53.7	42.2	57.6	330	373	87	90	SW	W	—	—	1.40	Cloudy, with cool wind.
4	29.71	30.10	52.5	49.5	47.2	54.5	294	304	75	87	N	N	—	—	—	Fine and mild.
5	30.43	61	51.0	49.5	43.9	57.6	266	316	71	90	SW	N	—	—	—	Fine day.
6	69	72	58.9	51.0	45.5	60.2	348	323	71	86	W	NE	—	—	—	Fine day.
7	57	49	52.5	44.4	41.7	57.6	317	276	80	95	SE	NE	—	—	—	Fine day.
8	30.35	30.01	47.5	47.5	43.7	54.5	304	304	94	94	W	E	—	—	—	Fine day.
9	29.66	29.50	51.3	52.5	45.9	52.7	327	347	86	88	E	E	—	—	—	Fine day.
10	50	61	52.3	38.9	37.6	54.7	324	198	82	84	NE	NE	—	—	—	Fine day.
11	61	64	41.4	35.1	34.7	45.7	192	189	74	92	W	W	—	—	—	Fine day.
12	63	84	43.4	43.9	34.5	44.3	241	256	85	89	NE	E	—	—	—	Fine day.
13	97	97	44.4	40.6	38.6	48.7	220	227	75	90	E	E	—	—	—	Fine day.
14	91	88	45.6	48.5	40.5	49.0	259	304	85	90	NE	E	—	—	—	Fine day.
15	98	29.99	49.0	44.6	43.7	51.7	283	273	81	93	W	NW	—	—	—	Fine day.
16	29.87	30.06	51.5	48.0	43.7	54.3	325	253	85	76	W	SW	—	—	—	Fine day.
17	30.06	00	50.5	52.0	42.7	59.6	271	310	74	80	W	SW	—	—	—	Fine day.
18	29.94	12	49.7	52.5	49.6	55.5	313	368	88	94	NW	N	—	—	—	Fine day.
19	30.16	11	54.5	54.5	51.6	58.9	347	363	82	86	W	NW	—	—	—	Fine day.
20	05	11	49.5	48.0	46.7	55.7	271	253	77	76	W	W	—	—	—	Fine day.
21	21	11	47.5	52.0	36.6	56.6	304	348	94	90	W	SW	—	—	—	Fine day.
22	04	30.05	57.4	51.3	48.6	60.9	360	285	76	76	W	W	—	—	—	Fine day.
23	30.04	29.93	52.5	51.5	44.9	57.4	342	330	87	87	NW	SW	—	—	—	Fine day.
24	29.83	78	51.5	50.3	48.4	53.3	293	299	77	82	SW	SW	—	—	—	Fine day.
25	89	29.91	47.5	38.4	38.1	51.5	259	268	80	90	NW	N	—	—	—	Fine day.
26	60	28.91	49.5	46.5	37.6	58.4	304	261	87	83	W	W	—	—	—	Fine day.
27	01	29.27	43.2	44.3	37.8	48.0	219	247	79	84	W	NW	—	—	—	Fine day.
28	29.53	07	36.1	40.2	34.5	47.5	183	213	86	86	W	SE	—	—	—	Fine day.
29	28.98	52	36.8	32.5	30.7	43.0	191	155	88	84	W	NE	—	—	—	Fine day.
30	29.64	64	37.4	41.4	29.5	46.0	204	219	91	85	NW	NW	—	—	—	Fine day.
31	70	53	48.0	47.7	39.1	50.5	274	301	83	92	W	W	—	—	—	Fine day.
Means	29.50	29.69	55.7	47.5	46.5	53.7	288	278	82.0	86.7	—	—	—	—	4.160	Cloudy.

## BRAEMAR.

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

OCTOBER 1884.

1	29.74	30.00	44.0	41.5	40.1	50.5	218	226	75	87	W	4	SW	0.5	7	5	0.20	Bright and cold.
2	85	29.62	47.9	50.2	41.0	54.0	260	320	79	89	SW	4	SW	4	7	8	0.90	
3	29.75	30.11	44.6	44.2	41.6	50.2	228	213	77	73	SW	6	W	8	7	4	—	
4	30.44	66	45.3	43.4	41.8	55.1	222	251	74	89	W	1	W	0.5	6	2	—	Fine and clear.
5	76	72	36.6	42.9	32.7	59.7	203	267	94	97	W	0.5	SW	0.5	2	2	—	Fine and clear.
6	64	53	40.6	37.3	34.4	61.5	230	218	91	97	SW	0.5	NE	0.5	0	0	—	Fine and clear.
7	30.39	30.05	34.7	43.6	29.6	59.5	186	263	92	93	E	0.5	S	0.5	0	8	—	Fine and clear.
8	29.64	29.44	46.1	44.6	43.6	53.2	298	276	96	94	S	0.5	S	0.5	9	9	310	Dull and damp.
9	45	55	47.3	36.0	36.6	47.3	283	184	88	85	NE	1	NE	8	8	9	380	☀
10	56	66	33.7	33.7	33.4	43.5	174	147	89	75	N	2	N	6	10	4	450	☀
11	57	29.76	37.0	39.8	32.4	41.5	193	220	88	92	NW	8	NW	6	9	9	1350	☀ and ☀ (sleet).
12	93	30.03	38.4	36.6	34.4	41.5	188	186	82	86	W	2	NW	4	7	10	150	☀ showers.
13	94	29.92	41.3	42.6	36.6	43.3	206	249	80	91	NW	2	NW	0.5	8	9	030	☀ showers.
14	97	30.06	44.3	39.0	39.0	51.6	231	222	79	94	NE	1	SW	0.5	8	4	040	
15	29.87	30.02	51.5	42.8	38.7	55.5	340	208	89	76	W	3	NW	1	6	3	—	
16	30.09	29.96	45.9	53.5	41.0	55.3	234	309	76	76	W	0.5	SW	6	8	6	020	Dull and damp.
17	29.96	30.05	51.8	51.5	49.0	54.0	346	325	89	85	SW	6	W	8	9	9	—	Fine and clear.
18	30.19	08	50.5	51.5	48.9	55.2	317	305	87	80	SW	2	SW	4	7	4	—	Dull. Red sunset.
19	10	17	45.1	45.3	42.5	52.0	210	235	71	78	W	4	SW	1	4	7	—	Red sunset.
20	17	21	44.6	48.8	43.6	51.7	241	307	82	89	SW	1	SW	0.5	3	4	—	Red sunset.
21	14	12	50.5	43.6	43.6	53.8	293	248	80	87	SW	4	W	0.5	7	3	—	
22	30.10	30.03	48.5	46.4	43.5	50.5	277	262	82	84	SW	2	SW	2	6	9	—	
23	29.91	29.86	44.6	44.9	42.6	46.7	233	250	79	85	SW	2	SW	2	6	5	—	
24	92	30.03	42.8	36.6	36.6	47.5	251	211	92	98	SW	6	SW	0.5	5	3	—	
25	68	29.16	46.8	54.8	34.2	54.8	251	370	79	86	W	6	SW	10	7	8	330	☀
26	11	29	38.3	33.9	33.9	54.8	185	181	80	92	W	4	NW	0.5	8	10	280	☀
27	29.58	22	33.7	36.6	33.1	45.3	163	186	84	86	W	2	SW	1	8	9	320	☀
28	28.93	59	34.5	30.1	30.1	45.3	184	139	92	82	NW	10	NW	2	10	4	060	☀
29	29.71	74	34.4	37.1	28.4	41.7	153	192	76	87	SW	1	SW	2	6	7	020	Fine day.
30	73	60	43.6	53.5	37.1	53.5	238	316	84	77	SW	2	SW	2	6	7	060	Fine day.
31	29.60	29.73	53.7	49.5	45.0	55.3	346	309	84	88	SW	6	SW	2	9	8	330	☀ showers.
Means	29.884	29.902	43.3	43.1	38.4	51.1	238	245	83.5	86.4	3.0	2.7	6.5	6.1	4.240			

## LAUDALE.

Height above Mean Sea Level, 14 feet. Long. 5° 41' W. Lat. 56° 41' N.

OCTOBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	47.6	47.9	45.0	53.7	264	266	81	81	W	4	Calm	0	8	9	ins.	
2	29.80	29.02	47.6	47.9	45.0	53.7	264	266	81	81	W	4	Calm	0	8	9	320	
3	29.83	30.10	49.0	48.9	41.1	53.5	262	256	74	74	N	3	NNE	5	9	8	110	☀ a. U p. Upper clouds from S
4	30.47	59	47.0	53.2	42.7	56.2	273	304	85	75	Calm	0	Calm	0	3	10	020	Cold and damp. Clouds from W.
5	71	69	52.3	44.9	44.7	56.1	341	278	87	94	Calm	0	Calm	0	10	1	—	Dull and gloomy. Warm during day.
6	65	51	44.5	49.0	40.7	59.5	282	325	96	94	Calm	0	Calm	0	0	10	—	Fine all day, but cold. ☀
7	30.34	30.03	44.1	52.0	43.0	52.3	289	299	100	77	Calm	0	Calm	0	10	10	440	Fine a.
8	29.58	29.45	49.7	42.0	40.6	52.4	318	249	89	94	SSE	2	Calm	0	10	8	210	☀ till 10.30a. ☀. Cold.
9	50	67	47.7	42.6	38.7	53.2	311	260	94	95	Calm	0	NW	4	10	9	270	☀ all day.
10	73	76	39.0	36.1	34.9	44.9	222	192	94	90	N	6	N	1	10	3	370	Cold and damp. Black Nim. N. to S.
11	29.78	29.93	41.7	44.8	35.3	46.3	232	253	88	85	N	3	N	2	10	5	040	☀ Cold. ☀
12	30.05	30.13	43.2	41.7	35.0	48.6	217	219	78	84	N	1	N	1	6	4	030	☀ a. ☀ all day. Snow on the hills.
13	05	29.93	44.8	40.4	41.0	47.8	260	306	88	97	Calm	0	Calm	0	10	10	140	Snowing on hills.
14	04	30.08	48.6	45.0	40.2	50.2	269	285	79	80	NW	2	Calm	0	8	10	450	☀ (mist) p.
15	00	12	53.4	49.0	47.5	55.1	385	257	94	74	W	5	W	3	10	9	030	Fine a. ☀ (mist) p.
16	16	08	48.0	54.1	45.2	56.0	314	281	94	91	S	1	W	5	10	10	100	☀ (mist) a. About 7.30 p. the sky assumed a peculiar purple colour.
17	12	19	54.0	52.8	51.5	55.7	382	374	92	93	W	7	W	4	10	10	220	☀ (mist) a. and p. Very dark p. ☀
18	26	13	53.3	55.2	51.9	55.9	370	384	91	88	W	3	W	5	10	10	260	☀ (mist) a. and p. ☀ (gale) all day.
19	20	23	49.7	49.0	47.3	55.7	268	300	76	87	WNW	6	WNW	3	10	6	090	☀ (mist) a. ☀ (gale). ☀ showers.
20	25	23	49.0	53.5	47.1	54.3	278	393	80	96	W	1	Calm	0	10	10	040	☀ (mist) ☀ showers a. and p. [Wind changed to SSW 5p.
21	16	30.12	52.8	52.7	47.1	54.7	343	326	85	82	S	1	SW	1	10	8	—	☀ (mist) a.
22	30.07	29.93	54.0	52.7	51.8	54.8	337	326	81	82	E	2	SW	2	10	10	—	Dull and gloomy a. Squally op.
23	29.80	75	51.0	52.2	51.0	53.9	288	335	77	86	E	5	E	2	9	10	360	☀ all day. Overcast and gloomy.
24	93	98	45.0	43.0	41.1	52.4	277	257	93	93	Calm	0	S	1	10	2	730	☀ (mist) a.
25	73	21	53.2	55.8	41.9	56.0	371	396	92	89	SW	7	W	10	10	10	1620	☀ ☀ Bar. began to fall about noon.
26	22	36	46.0	40.8	38.2	56.2	216	219	70	87	NNW	9	W	4	7	6	490	☀ (gale) n. and all day. Squally with hills.
27	66	12	38.7	31.2	37.8	51.2	210	318	89	84	W	3	W	4	8	10	310	☀ < T 11 a. and op.
28	20	57	41.5	38.1	36.3	52.9	206	189	79	82	N	4	Calm	0	9	10	370	Snowing on the hills.
29	73	74	43.1	44.9	33.6	45.1	210	252	76	85	NW	2	W	2	9	10	790	☀ showers. Snow half way down hills.
30	75	59	48.0	56.5	44.6	57.6	297	459	90	89	W	1	W	3	10	10	1900	☀ a. and p.
31	29.64	29.73	53.9	52.9	50.3	59.2	348	331	84	83	SW	4	Calm	0	10	9	500	
Means	29.940	29.920	48.0	48.5	43.3	53.5	290	299	85.9	86.3	2.9		2.1		8.9	8.3	11.350	



## ROTHESAY.

Height above Mean Sea Level, 115 feet. Long. 5° 4' W. Lat. 55° 50' N.

OCTOBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	46.4	46.3	44.1	55.0	ins.	ins.	92	91	W	SSW	—	—	ins.	Fine and breezy.
2	29.86	29.65	53.8	51.0	45.1	55.3	347	374	85	100	S	W	—	—	563	☉ showers.
3	29.89	30.24	49.0	45.6	45.1	54.5	259	263	74	86	WNW	NW	—	—	5020	Blow, with ☉ showers.
4	30.51	64	51.2	50.8	43.6	60.3	325	330	86	88	Calm	Calm	—	—	—	Fine and mild.
5	73	72	53.0	44.6	44.1	58.0	374	273	93	93	ENE	Calm	—	—	—	Cloudy and mild.
6	66	50	52.0	46.1	41.1	61.6	340	291	87	93	Calm	NW	—	—	—	Fine and clear. ☉.
7	30.35	30.09	52.0	49.0	42.6	62.4	340	315	87	91	Calm	Calm	—	—	360	Fine.
8	29.64	29.45	48.5	44.1	41.1	49.9	339	269	100	93	S	W	—	—	138	Blow, with ☉ a.
9	51	65	42.9	43.1	39.1	45.5	256	237	93	85	Calm	NW	—	—	340	Dull, with ☉.
10	69	77	39.6	35.5	35.2	46.9	195	161	80	77	NW	NW	—	—	—	☉. Breezy and cold.
11	29.75	29.88	43.1	41.4	32.7	49.7	198	205	71	79	NW	NW	—	—	—	Blow and cold.
12	30.04	30.12	42.1	41.1	38.1	49.9	199	201	75	79	NW	NW	—	—	—	Blow and cold.
13	29.09	29.06	45.1	46.1	38.1	46.9	263	291	88	93	WSW	Calm	—	—	100	Dull and damp.
14	29.06	30.15	48.0	47.0	45.6	51.9	281	280	85	87	NW	Calm	—	—	672	
15	03	18	53.5	48.0	46.6	55.0	402	302	98	91	WSW	W	—	—	040	Dull and damp.
16	20	17	53.5	53.2	45.1	56.0	408	391	100	97	WSW	W	—	—	025	Dull and mild.
17	21	25	52.6	53.0	50.1	55.0	380	389	96	97	SW	W	—	—	010	Dull and mild.
18	31	21	52.8	53.2	50.1	58.0	377	391	94	97	SW	W	—	—	070	
19	24	27	49.6	47.0	46.6	55.0	380	393	79	94	W	NW	—	—	040	Dull and mild.
20	30	29	49.0	52.0	45.1	53.1	303	366	87	94	WSW	Calm	—	—	—	Dull and mild.
21	23	18	52.2	50.0	49.1	57.0	313	314	80	87	WSW	Calm	—	—	—	Cloudy.
22	30.12	30.02	52.0	49.5	48.9	53.5	348	320	90	94	SSW	S	—	—	040	Dull, with ☉.
23	29.87	29.82	49.0	50.5	48.1	53.9	298	329	86	90	SSE	S	—	—	030	Dull. ☉.
24	29.07	29.07	47.3	38.6	38.3	51.5	312	220	96	94	NW	W	—	—	150	Dull and dark.
25	29.37	29.37	48.3	54.0	38.1	55.0	311	394	92	94	SSW	SW	—	—	640	Dull and blowy, with ☉.
26	32	42	43.3	42.4	38.6	54.5	246	205	88	76	NW	NW	—	—	450	☉ (gale) all day.
27	69	33	41.1	51.2	35.7	51.4	238	350	93	93	W	W	—	—	165	Dull and damp.
28	24	68	43.4	37.6	36.4	51.9	215	205	76	91	NW	NW	—	—	236	Cloudy. ☉ showers.
29	81	84	44.3	44.9	35.5	46.9	210	258	72	87	WSW	WSW	—	—	370	Dull and cloudy.
30	78	76	48.0	55.5	44.1	57.5	297	409	90	93	S	S	—	—	155	Dull and damp.
31	29.76	29.80	50.5	53.2	47.1	57.5	376	391	82	97	SSW	SW	—	—	1205	Dull, with ☉.
Means	29.984	29.980	48.5	47.3	42.6	53.9	300	301	86.8	90.4	—	—	—	—	5.822	

## PINMORE.

Height above Mean Sea Level, 187 feet. Long. 4° 49' W. Lat. 55° 12' N.

OCTOBER 1884.

1	29.92	30.08	46.1	40.1	39.4	58.1	*286	*242	92	97	N	3	N	0.5	—	—	'140
2	*95	29.70	54.9	53.0	39.4	56.1	*340	*363	80	90	S	3	NW	4	—	—	'400
3	29.98	30.29	48.1	48.9	46.2	53.1	*226	*313	79	91	N	4	N	4	—	—	'020
4	30.54	68	52.3	40.1	40.1	58.1	*280	*242	72	97	N	0.5	N	0.5	—	—	—
5	*76	*74	49.3	40.1	40.1	56.1	*308	*242	89	97	N	0.5	N	0.5	—	—	—
6	*65	*54	43.0	42.0	33.0	62.1	*249	*249	90	94	N	0.5	N	0.5	—	—	—
7	30.36	30.10	43.0	49.8	38.4	59.1	*270	*327	98	91	NW	0.5	NW	0.5	—	—	'310
8	29.70	29.48	48.4	38.6	38.4	50.1	*315	*222	93	95	SW	0.5	SW	0.5	—	—	'180
9	*53	*58	42.5	43.8	33.5	50.1	*261	*265	96	93	NW	0.5	NW	0.5	—	—	'450
10	*69	*79	42.0	38.4	37.3	48.2	*214	*178	81	77	N	0.5	N	4	—	—	—
11	29.79	29.88	44.5	44.0	37.6	52.1	*196	*224	67	77	N	4	N	4	—	—	—
12	30.05	30.14	44.9	39.5	39.4	50.1	*225	*217	76	90	NE	4	N	0.5	—	—	Many meteors seen.
13	*13	*00	41.2	45.9	32.5	48.4	*251	*300	97	98	NW	0.5	SW	0.5	—	—	'200
14	*11	*20	48.1	43.6	43.6	52.1	*277	*263	83	93	NW	3	NW	0.5	—	—	'490
15	*10	*24	53.0	52.6	43.6	54.6	*363	*364	90	92	W	4	W	3	—	—	'090
16	*27	*26	54.7	53.9	50.1	56.1	*411	*408	96	98	NW	0.5	SW	0.5	—	—	'290
17	*28	*31	52.8	53.0	51.0	54.1	*328	*337	82	84	NW	4	NW	6	—	—	'180
18	*36	*29	52.4	53.0	51.8	55.1	377	*380	96	94	NW	0.5	NW	0.5	—	—	'090
19	*29	*31	49.8	47.9	46.2	53.3	*302	*284	85	86	N	3	NW	0.5	—	—	—
20	*35	*34	49.6	50.8	47.7	54.1	*305	*346	86	93	NW	0.5	SW	3	—	—	—
21	*27	*22	54.5	49.8	49.8	55.4	*385	*307	91	86	SW	0.5	S	3	—	—	—
22	30.17	30.05	51.1	48.9	48.0	53.6	*337	*313	89	91	SW	0.5	S	0.5	—	—	'030
23	29.90	29.85	49.6	49.8	47.4	52.1	*312	*322	88	90	S	4	SE	4	—	—	—
24	*95	30.10	50.3	39.9	39.9	51.1	*311	*229	85	94	S	3	NW	0.5	—	—	'150
25	*95	29.51	44.9	53.3	33.5	53.6	*281	*387	95	95	NW	0.5	NW	6	—	—	'660
26	*43	*53	45.9	41.0	38.4	54.1	*222	*210	73	82	NW	8	NW	4	—	—	'250
27	*75	*32	42.0	50.3	39.4	52.1	*207	*326	78	90	NW	4	W	4	—	—	'270
28	*31	*27	45.4	48.1	38.9	52.1	*224	*303	74	91	W	8	N	3	—	—	'200
29	*89	*92	42.2	43.8	37.4	48.2	*207	*261	78	92	NW	4	NW	3	—	—	'240
30	*92	*86	48.3	52.8	43.4	58.1	*213	*389	63	97	SW	3	SW	0.5	—	—	'070
31	29.88	29.88	54.1	53.1	43.9	56.1	*354	*376	85	93	SW	4	S	6	—	—	'730
Means	30.039	30.030	48.0	46.8	41.6	53.8	*286	*296	84.7	91.2	2.5	2.2	—	—	—	—	5.440

☉ (Very stormy) ☉ showers.  
☉ showers.

OCTOBER 1884.

## SCALEBY (NEAR CARLISLE).

Height above Mean Sea Level, 111 feet. Long. 2° 52' W. Lat. 54° 58' N.

OCTOBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	43.7	41.5	41.0	53.5	ins.	ins.	92	95	SW	7	SW	2	8	ins.
2	29.88	29.60	52.0	54.5	41.2	60.0	223	246	78	95	S	4	SW	8	5	—
3	29.91	30.20	48.7	44.0	44.0	55.0	301	399	78	94	S	4	SW	8	5	100
4	30.40	65	49.5	40.5	39.0	60.5	283	233	81	93	W	1	Calm	0	9	040
5	71	71	48.0	44.5	37.0	61.8	301	272	90	93	Calm	0	Calm	0	10	—
6	61	48	52.0	52.0	40.0	58.5	351	351	90	90	Calm	0	Calm	0	10	—
7	30.30	30.07	52.0	49.5	47.3	58.0	351	311	90	89	E	1	SE	2	10	—
8	29.64	29.37	49.0	41.5	39.2	51.0	338	242	97	93	S	1	SE	3	10	200
9	48	52	43.0	37.0	34.0	55.3	246	212	89	97	E	1	NE	2	0	150
10	57	65	40.3	36.5	34.5	43.4	199	162	80	76	NW	3	NE	4	8	—
11	66	29.73	37.5	43.5	27.5	47.5	197	225	88	80	SW	1	NW	8	10	—
12	29.92	30.04	43.3	37.5	36.5	51.2	225	188	73	84	NE	5	NE	2	9	070
13	30.07	29.97	41.0	43.5	29.0	48.2	227	283	89	100	Calm	0	Calm	0	3	010
14	02	30.21	49.5	42.3	41.5	55.8	352	254	99	95	NW	3	N	3	8	110
15	06	14	52.5	52.5	42.3	55.5	384	370	98	94	SW	6	SW	4	10	—
16	23	19	54.5	55.5	49.5	59.2	407	413	96	94	SW	6	SW	6	10	030
17	22	25	53.0	53.5	51.0	56.5	364	389	90	96	SW	4	SW	5	10	—



CRONKBOURNE (DOUGLAS), ISLE OF MAN.

Height above Mean Sea Level, 137 feet. Long.  $4^{\circ} 29'$  W. Lat.  $54^{\circ} 10'$  N.

OCTOBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	51° 2	42° 0	41° 4	57° 1	in.	in.	°/o	°/o	WNW 6	Calm 0	1	3	ins.	Squally ↗ a. Fine day. ☾ 2 p.
2	29° 96	30° 07	51° 2	42° 0	41° 4	57° 1	°333	°363	89	98	S 5	WSW 4	9	9	°127	Squally ↗ (gale) 4p.—8.30p.
3	29° 92	29° 72	56° 0	53° 2	40° 3	56° 8	°422	°394	94	98	WNW 7-8	WNW 2	1	7	—	Squally ↗ a. Fine morning. Cloudy [afternoon.
4	30° 51	°66	54° 6	40° 4	40° 4	58° 0	°367	°246	86	99	WNW 2	Calm 0	2	3	—	Very fine day. ☾ 2 p. Eclipse well seen.
5	°71	°69	56° 5	45° 0	39° 2	56° 7	°395	°292	86	98	NE 2	NW 1	5	0	—	☾ 2 a. Dull till 3p., then fine. ☾ p. [Laburnum in full bloom,
6	°61	°48	54° 2	52° 0	39° 8	58° 3	°380	°366	91	94	Calm 0	NNE 1	4	10	—	☾ 2 a. Fine day. ☾ p.
7	30° 30	30° 08	53° 7	51° 6	51° 3	57° 3	°387	°360	94	96	ESE 2	Calm 0	8	10	°053	Dull day.
8	29° 68	29° 46	50° 2	45° 8	44° 2	52° 0	°348	°280	96	94	SW 3	S, W 3	10	8	°248	Squally ↗ (gale) p. [▲ ● ● 10p.
9	°44	°55	47° 9	43° 9	43° 8	57° 3	°310	°271	94	95	E 5-6	N 1	7	4	°168	Squally ↗ ● a. Fine day. ☾ p.
10	°64	°71	43° 5	40° 5	48° 6	47° 8	°248	°229	87	91	NNW 7	NNW 6-7	3	2	°013	Squally ↗ ● ▲ a. Squally ↗ ☾ p.
11	°73	29° 81	46° 7	45° 8	38° 6	50° 2	°266	°287	84	93	NNW 7-8	NNW 8-9	4	7	—	Squally ↗ a. and p. [afternoon.
12	29° 98	30° 10	40° 0	40° 0	38° 2	50° 1	°276	°232	83	94	N 6	NNW 2	1	7	—	Squally ↗ a. Fine morning. Cloudy
13	30° 11	29° 99	47° 7	48° 5	37° 4	48° 6	°368	°334	94	98	W 4	SW 4	8	10	°157	Dull, with ● showers a. ☾ ☾ ☾ (mist) p.
14	°06	30° 20	51° 7	47° 0	46° 8	53° 6	°355	°303	92	94	NW 6	Calm 0	8	5	°131	Squally ↗ ● a. ● showers. ☾ ☾ ☾ (mist) p.
15	°16	°20	53° 4	55° 2	46° 0	57° 0	°397	°441	97	92	WSW 4	WNW 4-5	10	9	°034	Overcast, with ● showers. [ (mist) p.
16	°27	°24	56° 3	56° 6	54° 1	60° 2	°409	°400	90	96	WSW 1	W 4-5	9	10	—	Dull day.
17	°29	°32	54° 7	55° 2	52° 0	57° 7	°399	°418	93	96	W. 1	WNW 4-5	8	10	°026	Dull day. ↗ p.
18	°35	°31	55° 8	55° 2	54° 0	57° 9	°431	412	96	95	W 3	W 2-3	9	10	°074	Dull day. ☾ p.
19	°26	°31	51° 6	48° 9	49° 0	55° 4	°348	°313	91	92	NW 4	WNW 2	0	7	—	Fine morning. Dull afternoon.
20	°34	°33	50° 0	52° 3	46° 2	54° 7	°322	°387	90	99	W 2	Calm 0	9	10	°043	Fine morning. Dull afternoon. ☾ ☾ ☾ (mist) p.
21	°27	°21	52° 7	51° 1	51° 1	54° 7	°390	°370	98	98	SW 2	Calm 0	10	10	°049	☾ ☾ ☾ (mist) a. and p. ● 0 showers.
22	30° 15	30° 03	52° 4	52° 2	50° 0	53° 3	°374	°358	95	92	SSE 1	SE 2	10	10	°001	Overcast. ☾ ☾ ☾ (mist).
23	29° 87	29° 82	51° 2	52° 9	49° 2	53° 6	°355	°375	95	94	ESE 5	SE 2-3	9	9	—	↗. Overcast. ☾ ☾ ☾ (mist).
24	°89	30° 05	52° 4	40° 2	49° 2	53° 9	°369	°342	94	98	ESE 3	NW 1	10	10	°009	Overcast. ☾ ☾ ☾ (mist). [(mist) ● p.
25	°97	29° 61	48° 6	53° 4	37° 2	53° 9	°317	°397	93	97	WSW 6	SW 7-8	10	10	°201	Squally ↗ a. and p. Overcast. ☾ ☾ ☾ (mist) p.
26	°49	°57	47° 0	43° 1	42° 0	55° 2	°291	°254	91	91	WNW 7-8	WNW 8-9	3	3	°004	Squally ↗ a. and p. < p.
27	°77	°38	44° 2	54° 0	41° 6	54° 0	°259	°406	89	97	WNW 6	WSW 7-8	2	8	°429	Squally ↗ a. and p. Cloudy a. ● p.
28	°36	°72	43° 0	42° 1	54° 0	°298	°251	90	90	WNW 8	WNW 5	4	6	°003	Squally ↗ a. and p. [cast. ☾ from 4p.	
29	°91	°95	45° 7	46° 0	40° 3	48° 6	°277	°294	91	95	W. 5	WSW 4	3	10	°287	Squally ↗ a. Fine till 2p., then over-
30	°94	°92	55° 5	55° 2	45° 4	55° 2	°365	°327	93	98	SSW 5	SSW 6	10	10	°081	Squally ↗ (gale) ● ☾ ☾ ☾ (mist) p.
31	29° 94	29° 94	55° 9	55° 6	54° 4	56° 5	°414	°422	93	95	SSW 7-8	SSW 7-8	9	10	°001	Squally ↗ a. and p. ☾ ☾ ☾ (mist) p.
Means	30° 027	30° 024	51° 1	49° 1	44° 9	54° 5	°347	°337	91° 6	95° 0	4° 3	5° 3	6° 3	7° 5	2° 133	

STONYHURST.

Height above Mean Sea Level, 375 feet. Long.  $2^{\circ} 28' W.$  Lat.  $53^{\circ} 51' N.$

OCTOBER 1884.

1	29°05	30°12	51°9	42°8	42°4	58°8	*251	*236	65	86	W	3	Calm	0	5	7	'060
2	30°03	29°75	50°0	54°7	38°9	57°5	*269	*379	75	89	S	1	S	2	10	10	'195
3	'00	30°27	51°4	47°4	47°1	50°7	*255	*229	67	71	W	4	WNW	3	10	7	—
4	'52	'68	50°0	44°8	41°0	55°3	*245	*255	68	86	Calm	0	Calm	0	5	0	—
5	'73	'70	47°2	46°0	36°9	55°0	*258	*265	80	86	Calm	0	NE	1	0	0	—
6	'63	'48	49°9	50°9	44°7	54°1	*294	*331	83	89	Calm	0	Calm	0	10	10	—
7	30°31	30°08	50°0	49°1	45°8	57°5	*317	*207	85	85	Calm	0	N	1	10	10	—
8	29°75	29°53	48°0	42°5	40°7	51°2	*309	*230	93	85	Calm	0	SW	1	10	8	'310
9	'47	'52	41°3	40°3	37°2	51°4	*217	*223	84	90	N	1	N	1	0	0	'100
10	'56	'63	38°1	40°0	34°7	54°1	*164	*143	72	58	NW	3	NW	4	10	10	'003
11	'70	29°74	39°0	45°1	32°6	50°0	*164	*226	70	76	N	1	NW	3	4	10	—
12	29°02	30°04	43°1	41°3	40°7	49°3	*177	*178	63	69	NW	2	NW	3	0	1	—
13	30°10	'05	42°0	44°1	33°8	48°2	*188	*276	71	95	Calm	0	SW	1	10	10	'185
14	'05	'20	52°1	42°0	39°7	53°8	*352	*243	90	91	W	1	Calm	0	9	0	'210
15	'19	'20	51°3	54°3	40°5	55°4	*367	*405	97	96	WSW	2	WSW	3	10	10	'303
16	'31	'28	54°3	54°9	51°8	56°1	*412	*426	97	99	WSW	2	W	3	10	10	'198
17	'30	'31	53°5	55°1	52°0	55°5	*364	*373	90	92	W	4	W	2	10	8	'010
18	'37	'34	54°1	52°2	52°1	56°5	*393	*369	93	96	W	2	WSW	1	10	9	'240
19	'27	'31	50°5	48°6	47°6	53°5	*328	*294	90	86	NW	2	NW	1	10	10	—
20	'34	'38	49°3	47°9	41°8	51°3	*301	*289	86	88	W	1	Calm	0	10	10	'040
21	'34	'26	49°0	51°0	46°8	54°3	*327	*346	94	92	Calm	0	Calm	0	10	10	—
22	30°22	30°11	48°0	48°1	46°3	53°3	*263	*250	79	77	S	1	Calm	0	10	10	—
23	29°07	29°00	48°1	47°7	43°3	52°2	*264	*269	79	82	SE	1	Calm	0	10	10	—
24	30°06	30°07	46°5	44°4	42°8	51°6	*263	*257	84	88	NNE	1	Calm	0	10	6	—
25	30°05	29°72	47°0	50°9	41°2	51°3	*298	*335	93	90	WSW	1	SW	3	10	10	'273
26	29°49	'53	47°2	41°0	37°8	59°1	*214	*213	67	83	W	6	WNW	5	8	7	'780
27	'76	'45	41°1	48°5	35°3	49°0	*214	*328	83	97	W	2	SW	3	10	10	'604
28	'35	29°73	47°7	41°2	30°3	57°3	*212	*201	65	78	W	4	W	2	10	3	'094
29	29°04	30°02	42°6	43°9	34°8	49°0	*236	*227	86	79	W	1	SW	2	8	10	'260
30	30°06	'03	47°1	55°6	41°9	55°6	*278	*392	86	88	SW	2	SW	2	10	10	'250
31	30°07	30°09	54°6	51°2	49°6	58°6	*330	*323	78	86	SW	3	S	3	6	7	—
Means	30°055	30°048	48°0	47°3	42°0	54°0	*275	*284	81°1	85°6	1°6		1°6	8°2	7°5	4°115	

Overcast and gloomy.

✱ early a. < at night.  
└ in past n.

Overcast and gloomy.

Overcast and gloomy.

Overcast and gloomy.

Overcast and gloomy.

Squally with ☉<sup>2</sup> ☾<sup>2</sup> in past n.

Stormy with ☉<sup>2</sup> in past n.

U p.

WAKEFIELD.

Height above Mean Sea Level, 96 feet. Long.  $1^{\circ} 30' \text{ W.}$  Lat.  $53^{\circ} 41' \text{ N.}$

OCTOBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.		
	ins.	ins.					in.	in.	%	%					ins.	
1	29° 95	30° 12	49° 8	44° 0	44° 0	57° 6	3° 03	2° 01	85	90	WSW 2	SW 2	9	0	ins.	Fine from 10.30a.
2	30° 04	29° 76	44° 8	57° 3	32° 1	59° 4	2° 76	4° 12	93	87	WSW 3	W 2	10	10	° 030	∞ pa.
3	29° 97	30° 28	52° 8	47° 6	47° 1	58° 6	3° 11	2° 52	77	80	W 5	W 2	4	3	—	Fine, with ☂.
4	30° 48	° 65	51° 0	42° 4	41° 8	58° 2	2° 80	2° 56	75	95	W 2	WNW 2	1	2	—	Fine and bright.
5	° 71	° 71	53° 6	44° 8	53° 6	59° 6	3° 18	2° 80	76	95	WNW 1	N 2	0	2	—	Fine and bright.
6	° 63	° 47	50° 2	51° 3	38° 5	55° 8	3° 45	3° 45	96	92	NNW 2	ENE 2	10	10	—	Dull and gloomy all day.
7	30° 30	30° 06	52° 8	43° 8	43° 1	58° 4	3° 61	2° 84	90	99	N 2	NW 2	10	0	—	Fine from 11.30a.
8	29° 78	29° 54	47° 8	44° 2	39° 0	54° 6	3° 33	2° 57	97	89	SSE 2	SSE 2	10	9	° 180	Dull and gloomy.
9	° 48	° 59	37° 9	44° 9	30° 6	53° 2	2° 24	2° 72	98	92	NE 2	N 3	2	10	° 010	
10	° 53	° 56	38° 4	41° 1	37° 1	46° 5	2° 14	2° 02	93	79	NNW 4	WNW 5	2	10	—	Dull. Rough and boisterous ☂.
11	° 65	29° 63	38° 6	44° 8	32° 6	48° 3	2° 01	2° 07	86	90	NNW 5	NNW 5	0	10	° 170	Fine till 6p., then ☂.
12	29° 87	30° 01	43° 8	41° 8	47° 8	48° 7	2° 30	3° 21	80	84	NNW 6	NNW 6	2	0	—	Fine all day. Rough and boisterous ☂.
13	30° 06	° 03	42° 0	44° 0	34° 4	50° 5	2° 06	2° 79	78	94	WNW 4	W 2	0	4	—	Fine and bright.
14	° 01	° 20	53° 8	43° 9	39° 1	57° 4	3° 65	2° 78	87	97	WNW 3	W 2	10	10	° 110	
15	° 16	° 17	51° 1	57° 3	40° 8	57° 8	3° 57	4° 41	95	94	SW 4	WSW 4	10	3	° 010	
16	° 26	° 24	56° 7	58° 1	55° 6	60° 6	4° 27	4° 30	93	89	W 4	W 6	10	10	—	Rough ☂.
17	° 24	° 23	56° 0	55° 3	55° 0	59° 4	3° 78	4° 04	83	92	W 5	W 7	8	7	—	☂. Fine day.
18	° 33	° 33	57° 4	54° 0	54° 0	60° 6	4° 16	3° 77	89	90	W 4	W 2	2	0	—	Fine and bright.
19	° 21	° 27	55° 2	47° 6	46° 8	57° 9	3° 86	2° 85	89	87	W 3	WNW 3	10	2	—	Fine from 10.15a.
20	° 32	° 35	47° 8	48° 8	36° 0	53° 0	3° 01	2° 93	91	85	W 2	W 2	3	5	—	Fine all day.
21	° 31	° 26	51° 7	52° 8	48° 8	54° 5	3° 49	3° 40	91	85	W 2	WSW 2	10	10	—	Dull and gloomy all day.
22	° 24	30° 13	48° 6	46° 3	46° 3	53° 6	2° 74	2° 95	81	95	S 2	S 2	2	10	—	Dull and gloomy all day.
23	30° 00	29° 50	45° 8	47° 8	43° 2	52° 1	2° 94	3° 05	95	92	ESE 3	E 2	10	10	—	
24	29° 06	30° 06	44° 8	38° 8	38° 4	51° 6	2° 95	2° 36	99	100	SSW 1	E 1	10	10	—	Dull and gloomy.
25	30° 03	29° 73	46° 8	50° 6	38° 8	51° 6	2° 94	2° 34	92	88	SW 1	SW 6	10	6	° 080	p.
26	29° 42	° 50	48° 8	39° 8	38° 6	57° 0	2° 50	2° 43	72	99	SW 8	SW 8	8	10	° 350	☂. Dull and gloomy.
27	° 74	° 48	42° 1	44° 8	37° 2	45° 8	2° 38	2° 95	89	99	W 5	WSW 3	3	10	° 270	Dull all day.
28	° 32	29° 74	47° 2	38° 8	38° 8	55° 0	2° 96	2° 33	92	95	WSW 7	WNW 3	10	4	° 060	☂.
29	29° 98	30° 05	39° 8	44° 4	35° 6	47° 5	2° 31	2° 33	95	81	WSW 2	WSW 2	8	10	° 020	Dull and gloomy all day.
30	30° 10	° 03	47° 6	57° 7	39° 0	58° 6	2° 98	° 413	01	87	S 1	S 4	6	5	—	
31	30° 10	30° 11	52° 4	53° 6	39° 1	61° 4	3° 69	3° 82	94	93	SE 3	W 3	7	3	—	Fine from 10a.
Means	30° 037	30° 037	48° 3	47° 5	40° 9	55° 0	3° 04	3° 03	88° 5	92° 8	3° 2	3° 2	6° 9	6° 3	1° 290	

## LLANDUDNO.

Height above Mean Sea Level, 88 feet. Long.  $3^{\circ} 50' W.$  Lat.  $53^{\circ} 21' N.$

OCTOBER 1884.

1	29°06	30°11	55°0	48°0	41°8	56°9	*302	*274	70	83	W	2	W	1	8	7	—	Very fine.
2	29°08	29°78	55°0	54°0	47°0	60°5	*344	*391	80	94	SW	1	W	1	7	10	*160	Very fine.
3	30°08	30°31	54°2	51°1	50°0	55°6	*305	*246	72	66	WNW	3	NW	2	8	4	—	Very fine.
4	54	67	57°0	48°0	46°8	58°2	*316	*286	68	86	NW	1	NW	1	2	0	—	Very fine.
5	71	65	56°3	50°2	43°2	58°1	*339	*336	75	93	NW	1	E	1	0	0	—	Very fine.
6	62	48	52°4	51°0	45°2	54°7	*356	*322	90	86	E	1	E	1	8	10	—	—
7	30°30	30°08	56°7	50°5	48°2	59°2	*356	*328	77	90	N	1	N	1	5	1	*046	Very fine.
8	29°73	29°52	51°0	46°0	44°5	52°2	*356	*247	95	80	W	1	W	2	10	2	*153	Dull. ☁ showers.
9	42	50	45°0	50°8	41°0	51°5	*250	*273	84	74	W	2	E	2	10	3	*147	Fine.
10	61	60	46°0	44°8	40°8	51°0	*260	*190	67	64	NE	5	N	3	9	0	*077	Stormy.
11	85	29°79	47°3	49°2	40°2	49°5	*219	*262	68	75	N	2	NE	6	10	10	*034	Stormy.
12	29°97	30°07	49°0	48°5	45°2	49°2	*213	*217	61	64	N	6	NW	5	6	10	—	Bright and fair.
13	30°00	03	52°8	48°5	44°0	53°0	*261	*304	66	90	NW	2	NW	3	7	10	*080	Fine morning. ☁ showers p.
14	10	16	53°0	51°2	48°0	54°1	*369	*296	92	84	WNW	1	W	1	10	10	*025	—
15	21	25	50°5	55°8	48°8	57°0	*318	*421	84	94	W	2	W	1	9	10	*028	Dull and damp.
16	54	31	55°0	57°0	53°5	60°0	*406	*406	97	87	W	2	W	3	10	10	*028	Fine and mild.
17	34	36	53°9	55°0	52°5	57°1	*389	*389	94	90	W	3	W	2	10	10	*028	—
18	39	34	54°9	54°8	53°5	57°0	*404	*355	94	83	W	1	W	2	10	2	*050	Dull and mild.
19	31	35	53°0	51°0	49°5	55°0	*397	*280	99	75	NW	2	N	1	10	10	—	—
20	38	37	50°5	51°8	49°0	54°3	*281	*356	77	92	NW	1	W	1	10	10	—	Very fine.
21	30	23	53°9	55°0	50°0	56°0	*357	*348	86	86	WSW	1	SW	1	5	10	—	Very fine.
22	30°17	30°13	50°9	49°0	47°8	53°5	*288	*278	78	80	SW	2	SW	1	8	0	—	Very fine.
23	29°89	29°82	50°9	51°2	43°0	56°1	*284	*319	77	85	SE	1	SE	1	2	10	—	Fine.
24	29°07	30°06	51°4	48°5	47°5	54°0	*317	*285	84	84	SE	1	SE	1	10	0	—	Very fine.
25	30°07	29°70	49°5	55°0	46°5	56°2	*280	*375	80	87	W	1	SW	6	10	10	*100	Dull. ☁
26	29°60	61	49°8	45°2	42°0	55°0	*249	*235	70	78	W	6	W	7	9	8	*054	Cold. ☁
27	85	50	46°9	52°0	44°5	55°0	*219	*361	69	93	W	4	SW	6	6	10	*240	Cold. ☁
28	44	29°64	47°0	46°0	42°8	55°0	*303	*239	94	78	W	5	W	2	10	8	*122	—
29	29°97	30°00	49°0	48°8	42°2	51°2	*254	*256	73	74	WSW	2	W	2	3	10	*026	Fine.
30	30°01	01	51°2	57°0	47°3	60°0	*296	*400	79	86	S	5	SW	6	10	8	*025	—
31	30°02	30°03	57°2	57°7	54°5	61°8	*325	*365	69	77	SW	5	SW	4	5	10	—	Fine.
Means	30°067	30°048	52°0	51°0	46°5	55°4	*311	*311	79°6	82°5	2°4	2°5	7°6	6°9	1°417			

E 53436



## BUXTON.

Height above Mean Sea Level, 987 feet. Long. 1° 54' W. Lat. 53° 14' N.

OCTOBER 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative 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.	48°	38°	37°	53°	261	226	77	96	W 2	W 1	7	1	ins.	
2	29°09	30°15	48°	38°	37°	53°	261	226	77	96	W 2	W 1	7	1	ins.	
3	30°07	30°10	48°	38°	37°	53°	261	226	77	96	W 2	W 1	7	1	ins.	
4	30°00	30°26	46°	36°	35°	51°	263	228	83	97	NW 5	NW 3	10	4	0.03	ga.
5	30°46	30°44	49°	39°	38°	53°	263	243	96	97	NW 1	NW 1	1	0	—	
6	30°64	30°64	51°	41°	40°	55°	260	260	79	96	NE 1	ENE 1	1	1	—	
7	30°29	30°09	49°	39°	38°	53°	261	239	88	96	E 1	NE 1	7	10	—	
8	30°76	30°58	48°	38°	37°	53°	260	208	91	92	SE 2	W 2	9	5	0.29	
9	30°48	30°48	48°	38°	37°	53°	262	174	96	96	SSE 1	NW 1	9	3	0.33	
10	30°55	30°55	48°	38°	37°	53°	262	174	96	96	NW 3	NW 2	10	3	0.10	* ga. and before.
11	30°70	30°69	48°	38°	37°	53°	262	174	96	96	NW 3	NW 3	10	3	0.10	
12	30°00	30°02	48°	38°	37°	53°	262	174	96	96	NNW 2	NW 2	5	0	—	
13	30°10	30°10	48°	38°	37°	53°	262	174	96	96	NW 2	NW 1	10	10	0.12	
14	30°03	30°03	48°	38°	37°	53°	262	174	96	96	NW 2	NW 2	10	2	0.09	
15	30°20	30°20	48°	38°	37°	53°	262	174	96	96	WSW 1	NW 4	9	10	0.35	
16	30°30	30°30	48°	38°	37°	53°	262	174	96	96	NW 3	NW 3	10	8	0.17	
17	30°31	30°31	48°	38°	37°	53°	262	174	96	96	NW 2	NW 2	10	10	0.11	
18	30°35	30°35	48°	38°	37°	53°	262	174	96	96	NW 2	NW 2	10	10	0.10	
19	30°32	30°32	48°	38°	37°	53°	262	174	96	96	NW 3	NW 3	10	2	0.02	
20	30°33	30°33	48°	38°	37°	53°	262	174	96	96	NW 1	NW 1	7	7	—	
21	30°33	30°33	48°	38°	37°	53°	262	174	96	96	NW 1	NW 1	7	7	—	
22	30°24	30°12	44°	34°	33°	49°	246	251	83	92	SW 1	SW 1	10	3	—	
23	30°08	30°02	44°	34°	33°	49°	246	251	83	92	ESE 1	SE 1	9	9	—	
24	30°05	30°05	44°	34°	33°	49°	246	251	83	92	SSE 1	SE 1	8	7	—	
25	30°06	30°06	44°	34°	33°	49°	246	251	83	92	W 1	W 4	9	10	0.30	
26	30°46	30°46	44°	34°	33°	49°	246	251	83	92	W 4	W 5	3	6	0.55	a. and p.
27	30°40	30°40	44°	34°	33°	49°	246	251	83	92	W 1	W 3	7	10	0.45	before ga. and p.
28	30°39	30°39	44°	34°	33°	49°	246	251	83	92	W 3	W 2	7	6	0.28	before ga. and p.
29	30°08	30°08	44°	34°	33°	49°	246	251	83	92	W 3	W 3	8	9	0.06	
30	30°12	30°12	44°	34°	33°	49°	246	251	83	92	SW 2	SW 3	9	8	0.11	
31	30°15	30°15	44°	34°	33°	49°	246	251	83	92	SW 1	SW 2	8	5	—	
Means	30°057	30°058	45°	35°	34°	51°	273	266	88°	91°	1°	2°	7°	6°	3°	0.93

## HILLINGTON, NORFOLK.

Height above Mean Sea Level, 88 feet. Long. 0° 33' E. Lat. 52° 48' N.

OCTOBER 1884.

1	29°05	30°14	54°	42°	41°	58°	389	259	91	97	SW 3	SW 0.5	7	0	—	dp.
2	30°09	30°09	54°	42°	41°	58°	389	259	91	97	SW 3	SW 0.5	7	0	—	before ga. dp.
3	30°05	30°20	53°	41°	40°	57°	333	278	80	86	W 4	S 3	0	0	—	
4	30°44	30°44	51°	40°	39°	57°	306	301	80	97	SW 3	NE 1	0	1	—	dp.
5	30°05	30°05	52°	41°	40°	57°	327	339	82	86	NE 2	NE 1	10	10	—	
6	30°38	30°38	50°	38°	37°	55°	401	385	87	94	NE 2	NE 3	8	7	—	dp.
7	30°00	30°01	50°	38°	37°	55°	388	388	78	97	NE 3	NE 1	7	10	0.04	
8	30°52	30°52	48°	38°	37°	55°	330	353	98	100	W 1	SW 1	10	10	0.105	ga.
9	30°38	30°38	45°	35°	34°	50°	264	273	89	95	SSE 1	SE 1	1	10	0.116	a. Very fine 10a.—4p. then 2.
10	30°38	30°38	43°	33°	32°	47°	268	260	94	98	NW 4	NW 7	10	10	1.180	T 7.40a. all day. p.
11	30°58	30°58	43°	33°	32°	47°	268	260	94	98	NE 7	W 3	10	10	0.326	a.
12	30°73	30°73	40°	30°	29°	44°	279	254	91	87	NW 5	N 5	10	10	0.320	K 5.30a. 3.30p.—5p.
13	30°05	30°05	42°	32°	31°	46°	235	239	85	92	NW 3	NW 1	2	10	0.012	Fine and sunny. dp.
14	30°01	30°01	46°	36°	35°	51°	301	290	95	99	SW 1	NE 0.5	10	10	0.003	(mist) early a. Very gloomy 3p.
15	30°22	30°22	47°	37°	36°	52°	309	295	94	94	SW 1	SW 4	10	10	0.012	Overcast all day.
16	30°26	30°26	47°	37°	36°	52°	309	295	94	94	NW 3	NW 3	10	9	—	Fine sunset.
17	30°24	30°24	47°	37°	36°	52°	309	295	94	94	SW 5	SW 5	10	10	0.004	a. and op. Fine sunset.
18	30°32	30°32	47°	37°	36°	52°	309	295	94	94	NW 1	NW 3	8	10	—	Very fine and sunny a.
19	30°25	30°25	47°	37°	36°	52°	309	295	94	94	SW 4	W 1	10	0	0.004	
20	30°32	30°32	47°	37°	36°	52°	309	295	94	94	WNW 1	SW 0.5	6	10	—	Fine day. dp.
21	30°34	30°34	47°	37°	36°	52°	309	295	94	94	SW 1	SW 0.5	8	10	0.002	dp.
22	30°26	30°26	47°	37°	36°	52°	309	295	94	94	SE 1	SE 0.5	10	0	0.002	dp.
23	30°00	30°00	51°	39°	38°	57°	349	238	91	97	SE 0.5	SE 0.5	2	0	0.003	Very fine and sunny. dp.
24	30°05	30°05	51°	39°	38°	57°	349	238	91	97	SE 1	SE 0.5	10	0	0.008	2 a. and p. Very fine and sunny.
25	30°07	30°07	51°	39°	38°	57°	349	238	91	97	SE 0.5	W 5	10	4	0.188	(mist) early a.; trees dripping.
26	30°49	30°49	53°	41°	40°	57°	329	229	77	88	NW 9	W 8	5	2	0.018	a. and p. Fine and sunny.
27	30°74	30°74	52°	40°	39°	56°	321	265	85	99	NW 6	W 1	4	10	0.166	Fine and sunny.
28	30°36	30°36	52°	40°	39°	56°	321	265	85	99	NW 6	NW 3	10	0	0.188	dp.
29	30°00	30°00	50°	38°	37°	55°	308	224	88	97	SW 0.5	SW 0.5	0	3	0.006	Very fine and sunny. dp.
30	30°18	30°18	42°	32°	31°	46°	253	249	93	89	SW 1	SW 4	10	10	0.007	dp.
31	30°24	30°24	43°	33°	32°	47°	253	249	93	89	SW 4	SW 3	10	10	0.003	Warm and damp. dp.
Means	30°035	30°043	48°	38°	37°	55°	310	296	88°	93°	2°	2°	7°	6°	2°	0.67

## UPPINGHAM.

Height above Mean Sea Level, 484 feet. Long. 0° 44' W. Lat. 52° 35' N.

OCTOBER 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative 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.	52°	43°	43°	57°	329	239	83	85	WbyN 2	NW 1	7	5	ins.	Dull 6a. Mackerel sky 9a. Bright p.
2	30°07	30°07	48°	38°	37°	53°	260	244	74	84	S 1	sw b. s. 3	8	10	0.10	Day lightly overcast. 0.00.
3	30°01	30°25	49°	39°	38°	54°	260	253	85	87	WbyN 4	WbyS 2	10	0	—	Overcast a. 0.00.
4	30°47	30°47	47°	37°	36°	52°	242	242	73	92	NW 3	Calm 0	1	0	—	Eclipse perfectly seen.
5	30°68	30°68	47°	37°	36°	52°	242	242	73	92	NNE 2	NNE 2	0	10	—	0.00 a. Dull and overcast p.
6	30°55	30°55	47°	37°	36°	52°	242	242	73	92	NNE 2	NNE 2	0	10	—	Overcast day.
7	30°25	30°06	51°	41°	40°	55°	341	294	89	97	NE 2	N 1	10	8	—	Bright after-glow.
8	30°83	30°60	43°	33°	32°	47°	257	257	98	96	SSW 1	SW 1	10	10	0.157	0.00 a. Dull p., with 0.00 from 4p.
9	30°50	30°43	43°	33°	32°	47°	257	257	98	96	S by E 1	Calm 0	4	10	0.139	0.00 a. Dull p., with 0.00 from 4p.
10	30°46	30°46	43°	33°	32°	47°	257	257	98	96	NbyW 5	nwb. n. 4	10	10	0.200	Gloomy 6a. * (sleet) a. Day very cold.
11	30°64	30°64	43°	33°	32°	47°	257	257	98	96	NW 3	NW 4	6	6	0.112	Overcast p. 0.00 from 7p.
12	30°80	30°80	44°	34°	33°	49°	224	205	76	85	N 4	N 4	8	0	0.063	Gloomy p.
13	30°06	30°07	40°	30°	29°	44°	189	228	76	96	NbyW 2	NbyW 1	0	0	0.010	Cloudless a. Gloomy p. 0.00 (mist).
14	30°02	30°02	40°	30°	29°	44°	189	228	76	96	WbyN 1	nwb. w. 2	10	10	0.010	0.00 a. Day



## GELDESTON (BECCLES).

Height above Mean Sea Level, 37 feet. Long. 1° 31' E. Lat. 52° 28' N.

OCTOBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	54.9	54.0	43.5	61.7	in.	in.	88	85	WSW 1	WNW 1	10	2	ins.	○ Noon. D 9p
2	29.97	30.12	54.9	54.0	43.5	61.7	29.97	30.12	88	85	WSW 1	WNW 1	10	2	ins.	○ Noon. D 9p
3	29.96	30.17	54.0	54.0	43.5	61.7	29.96	30.17	88	85	WSW 1	WNW 1	10	2	ins.	○ Noon. D 9p
4	30.39	30.59	51.0	52.1	39.4	57.8	29.97	30.12	88	85	WSW 1	WNW 1	10	2	ins.	○ Noon. D 9p
5	64	59	53.0	53.7	50.1	55.8	28.9	31.2	69	75	NNE 1	Calm 0	10	10	ins.	Overcast all day.
6	49	30.33	53.0	54.9	51.0	61.0	28.9	34.9	86	80	NE 2	NE 2	6	8	ins.	Overcast all day.
7	30.17	29.98	55.2	54.1	51.0	58.7	29.97	30.12	88	85	N 2	NNW 2	6	10	ins.	Overcast all day.
8	29.81	60	53.1	51.9	50.0	58.9	29.97	30.12	88	85	WNW 1	SW 1	10	10	ins.	Overcast all day.
9	58	45	48.2	49.9	37.0	56.9	29.97	30.12	88	85	SW 1	E 1	7	8	ins.	Overcast all day.
10	33	27	46.2	42.9	40.4	49.9	31.0	26.0	100	95	NNW 1	WSW 5	10	10	ins.	Overcast all day.
11	48	60	41.1	41.0	40.1	47.7	22.4	21.9	87	86	NW 4	WSW 1	10	0	ins.	Overcast all day.
12	67	29.81	44.9	46.9	38.1	53.7	29.97	30.12	88	85	Calm 0	N 4	10	1	ins.	Overcast all day.
13	29.96	30.04	44.8	42.1	40.0	51.6	23.9	24.4	81	91	WNW 3	WSW 1	0	10	ins.	Overcast all day.
14	30.01	15	45.8	49.5	39.2	54.8	28.9	33.8	94	95	WSW 1	WNW 1	10	10	ins.	Overcast all day.
15	23	17	47.0	55.1	39.3	55.1	32.1	37.1	99	85	W 1	W 2	10	10	ins.	Overcast all day.
16	25	27	57.9	56.0	54.1	61.7	39.3	40.8	81	91	WNW 2	WSW 3	9	0	ins.	Overcast all day.
17	23	22	58.0	54.5	53.3	60.8	39.3	37.9	81	89	W 3	WSW 4	10	4	ins.	Overcast all day.
18	30	31	55.1	55.9	48.7	60.8	37.1	39.1	85	87	WNW 1	WNW 1	3	10	ins.	Overcast all day.
19	27	25	54.8	48.0	47.8	60.7	35.9	33.0	84	99	WNW 1	WNW 1	5	9	ins.	Overcast all day.
20	31	36	47.9	41.0	41.0	54.6	28.9	25.3	88	98	NW 1	Calm 0	10	2	ins.	Overcast all day.
21	37	31	48.2	40.1	39.9	55.5	28.1	22.9	84	93	SW 1	Calm 0	10	0	ins.	Overcast all day.
22	27	30.15	49.8	51.1	37.1	57.7	31.0	29.8	87	79	Calm 0	E 1	10	10	ins.	Overcast all day.
23	30.03	29.94	51.9	43.1	43.0	56.3	32.6	25.6	85	92	SE 1	E 1	10	2	ins.	Overcast all day.
24	29.95	30.03	46.1	38.9	34.9	56.9	30.8	21.9	98	93	Calm 0	W 1	0	0	ins.	Overcast all day.
25	30.05	29.87	34.9	49.0	30.8	50.9	20.1	30.0	99	87	W 1	WSW 3	10	0	ins.	Overcast all day.
26	29.45	54	51.8	44.0	43.4	55.0	31.3	20.9	81	72	WNW 4	W 4	10	2	ins.	Overcast all day.
27	73	74	43.1	45.0	38.9	48.7	21.0	23.3	76	78	W 4	SW 2	0	10	ins.	Overcast all day.
28	29.40	29.74	57.1	43.0	42.2	60.7	35.3	21.5	76	78	WSW 4	W 2	10	0	ins.	Overcast all day.
29	30.00	30.12	41.0	41.0	33.2	50.8	21.3	21.5	83	84	WNW 1	WSW 1	0	7	ins.	Overcast all day.
30	21	21	46.9	51.9	39.5	53.9	26.1	30.6	82	79	WSW 1	SW 3	3	10	ins.	Overcast all day.
31	30.28	30.25	54.0	48.1	44.3	58.0	35.5	30.6	85	91	SW 1	SW 3	10	10	ins.	Overcast all day.
Means	30.027	30.033	49.9	48.2	42.4	56.4	31.0	29.6	85.5	86.2	1.6	1.8	6.8	5.8	3.630	

## CHELTENHAM.

Height above Mean Sea Level, 184 feet. Long. 2° 3' W. Lat. 51° 54' N.

OCTOBER 1884.

1	30°03	30°16	54°3	44°2	43°6	57°4	*322	*272	77	94	W	2	SW	1	1	9	—	Fine all day.
2	05	29°87	51°6	56°7	38°4	62°2	*327	*382	86	83	S	4	SW	5	9	9	030	☉ <sup>0</sup> a. Fine afternoon.
3	09	30°32	53°9	47°5	47°5	58°0	*312	*268	75	82	W	6	W	3	2	1	—	Fine and bright.
4	52	66	47°0	39°5	32°0	58°0	*267	*234	83	97	NW	1	Calm	0	1	0	—	Fine and bright.
5	69	65	40°8	41°0	31°3	57°6	*255	*239	100	94	N	1	Calm	0	0	10	—	☼ <sup>0</sup> a. Fine sunny day.
6	53	41	51°6	46°8	39°5	57°0	*329	*284	86	89	N	4	N	1	1	0	—	Fine sunny day.
7	30°25	30°07	50°1	40°2	40°2	59°0	*339	*247	93	99	NW	1	N	1	10	0	010	Fine and bright.
8	29°81	29°63	48°4	41°0	37°0	53°0	*305	*239	90	94	S	3	S	1	10	1	300	
9	41	41	44°0	43°0	34°6	49°3	*246	*266	85	96	SE	6	Calm	0	10	0	400	☉ <sup>2</sup> 11a.-5p.
10	52	65	41°0	40°1	38°0	45°5	*209	*208	81	84	N	8	N	8	10	10	010	Squally ☼☉ showers.
11	72	29°75	37°6	40°5	28°4	44°6	*194	*231	86	92	W	1	W	1	6	10	100	☉☉ showers.
12	29°89	30°01	45°6	38°0	38°0	50°0	*230	*205	76	89	NW	6	Calm	0	2	0	010	Squally ☼ <sup>0</sup> a. Fine and sunny.
13	30°13	12	38°2	38°8	26°2	51°0	*207	*224	90	96	W	1	Calm	0	5	0	—	— Very fine.
14	08	23	50°8	48°2	38°2	58°0	*345	*309	93	93	W	1	W	1	8	0	010	Fine day.
15	29	29	49°3	54°2	39°0	58°8	*308	*388	88	93	SW	1	Calm	0	10	10	—	Dull and damp a. Very fine day. Much [warmer.]
16	35	38	55°8	55°6	49°8	61°2	*400	*409	89	93	Calm	0	SW	1	10	10	—	Fine day.
17	37	37	56°1	53°2	53°2	59°0	*404	*371	89	92	SW	1	W	1	10	10	—	
18	38	40	56°3	53°9	44°4	62°2	*394	*357	87	86	W	1	W	2	6	10	—	Fine day.
19	34	35	54°3	50°5	45°3	59°4	*357	*305	85	83	W	2	W	3	5	10	—	Fine and bright.
20	38	39	45°6	47°0	35°4	52°7	*260	*303	85	94	Calm	0	Calm	0	10	10	—	Fine and bright.
21	35	27	49°0	46°8	46°8	51°3	*309	*263	90	82	S	1	SE	1	10	10	—	Dull and cold.
22	30°22	30°10	49°9	45°6	40°3	55°0	*299	*276	84	90	E	2	SE	4	10	0	—	Dull and cold.
23	29°97	29°89	47°1	50°5	42°0	54°6	*302	*328	93	90	Calm	0	SE	1	10	10	—	Fine and bright.
24	29°89	30°06	50°6	36°6	35°6	56°0	*317	*217	86	100	SE	1	SE	1	9	10	—	Fine all day. ☼☼ 9p.
25	30°12	29°90	40°8	50°5	30°4	53°8	*255	*308	100	84	Calm	0	NW	5	8	10	090	☼☼ <sup>0</sup> 9a. and before. Dull day. ☼☉ [late a.]
26	29°62	75	51°1	45°2	43°5	56°0	*266	*246	72	82	NW	8	NW	4	9	10	030	Squally ☼ <sup>2</sup> ☉ <sup>2</sup> a. Day fine and sunny.
27	90	70	44°6	50°0	41°0	50°0	*217	*329	73	92	W	5	W	8	1	10	010	Squally ☼ at night.
28	29°48	29°84	58°4	42°8	38°0	58°6	*362	*229	74	83	SW	7	W	3	8	2	100	Squally ☼ <sup>0</sup> a. ☉ <sup>2</sup> showers.
29	30°05	30°14	43°0	41°6	27°3	49°6	*208	*245	75	94	S	2	SW	1	1	1	010	— Very fine.
30	30	19	47°5	56°3	40°1	56°3	*263	*381	81	84	SW	3	SW	2	5	9	—	Fine and pleasant. Warm at night.
31	30°22	30°20	54°6	52°2	50°3	58°0	*348	*308	82	79	S	4	S	3	10	10	—	Very fine day.
Means	30°092	30°101	48°7	46°4	39°3	55°3	*295	*286	85°0	89°8	2°7	2°0	6°7	6°2	1°110			

## CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long. 4° 18' W. Lat. 51° 52' N.

OCTOBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	54.8	47.3	46.7	59.2	in.	in.	71	90	NW 2	NW 1	9	10	ins.	Squally before 9a. Fine day.
2	30.06	30.15	54.8	47.3	46.7	59.2	30.2	28.9	95	96	Calm 0	W 1	10	0	160	Frequent 0 showers.
3	00	29.91	52.2	53.5	44.3	60.7	36.9	38.9	71	86	NW 2	Calm 0	5	2	—	Fine day.
4	14	30.40	54.8	46.6	45.8	57.9	30.2	26.9	71	95	N 1	Calm 0	1	0	—	Very fine.
5	55	69	56.1	44.2	41.7	60.6	31.1	27.4	70	90	Calm 0	Calm 0	0	0	—	Very fine.
6	70	60	52.8	45.7	36.1	61.4	31.1	27.4	77	91	N 1	Calm 0	1	0	—	Very fine.
7	54	43	57.1	45.9	41.6	60.2	33.4	27.6	72	99	N 2	N 1	5	7	049	Fine day.
8	30.28	30.06	55.1	47.9	42.7	60.2	32.2	32.9	75	85	Calm 0	Calm 0	10	0	800	● nearly all day.
9	29.82	29.60	50.5	42.0	41.0	51.4	35.7	22.5	98	81	Calm 0	N 4	5	2	390	1a.
10	28	49	45.4	48.3	40.1	51.8	27.0	27.2	90	86	N 2	N 4	9	10	1280	Very frequent ▲, covering ground to
11	68	76	41.1	39.0	35.8	48.8	21.8	20.2	85	87	N 2	Calm 0	5	10	280	▲ <sup>2</sup> before 9a. [a depth of 2 ins.
12	82	29.85	41.0	45.9	33.5	49.4	22.3	26.6	87	84	NE 1	Calm 0	8	0	030	
13	29.95	30.11	50.5	40.0	39.3	52.2	26.8	20.7	73	98	Calm 0	Calm 0	7	10	130	
14	30.15	12	43.0	45.1	34.1	50.2	25.7	29.6	93	89	N 1	Calm 0	9	10	010	
15	13	27	52.8	49.6	45.1	58.8	34.8	31.5	86	90	Calm 0	Calm 0	8	7	010	
16	31	32	52.3	50.3	46.0	58.8	36.7	41.2	94	99	W 1	W 1	7	10	040	
17	41	42	56.0	54.0	51.7	60.1	42.5	41.5	94	94	W 1	Calm 0	7	10	010	
18	42	43	55.0	54.0	52.8	58.5	41.2	39.4	95	99	Calm 0	Calm 0	10	9	—	
19	45	41	50.0	52.0	45.5	55.8	36.1	38.5	100	98	W 1	Calm 0	6	10	—	
20	37	36	54.7	52.9	50.4	58.5	38.4	39.3	91	98	Calm 0	Calm 0	5	0	—	
21	40	39	49.2	43.0	42.6	58.5	33.1	27.3	96	94	Calm 0	Calm 0	10	10	—	
22	36	25	42.0	50.6	38.8	54.3	26.3	34.5	98	90	Calm 0	E 2	10	2	—	
23	30.16	30.03	51.0	48.5	47.6	55.1	31.5	30.4	84	91	SE 2	SE 3	10	7	—	
24	29.91	29.82	51.0	53.0	47.6	56.9	34.0	33.8	91	97	E 1	Calm 0	8	0	—	
25	29.89	30.08	51.1	49.5	46.4	55.7	33.6	30.4	89	97	W 1	SW 4	7	10	210	
26	30.12	29.94	51.4	52.3	42.8	53.8	37.1	37.5	98	69	W 3	W 5	5	8	—	
27	29.72	29.82	49.8	47.7	46.2	55.9	24.7	22.7	69	68	NW 2	W 7	5	10	150	Squally 9p.
28	07	69	48.1	55.0	42.9	55.3	22.7	39.4	91	85	NW 5	NW 1	10	5	049	
29	29.57	29.88	49.8	40.8	40.2	57.3	32.9	21.8	92	91	Calm 0	W 1	1	7	010	
30	30.06	30.13	38.8	40.1	31.6	54.1	21.0	22.5	90	93	SW 3	SW 5	10	10	370	
31	12	16	51.6	55.8	37.9	56.3	37.4	41.9	98	88	S 5	S 3	9	7	—	
Means	30.114	30.116	50.5	48.3	43.0	56.3	31.9	31.3	86.4	91.0	1.3	1.4	6.8	5.9	3.960	



## MARGATE.

Height above Mean Sea Level, 83 feet. Long. 1° 24' E. Lat. 51° 24' N.

OCTOBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	57.8	55.5	52.8	60.7	ins.	ins.	81	87	W 2	NW 1	10	7	ins.	Fine afternoon.
2	30.04	30.15	55.6	56.8	42.1	59.7	38.6	38.2	65	92	NNW 1	S 2	2	3	—	☁ before 9a. Fine day.
3	30.21	30.21	54.9	53.1	53.1	59.7	33.5	26.0	78	65	W 3	NW 2	2	2	—	Fine day.
4	30.44	30.44	50.1	53.7	47.7	57.9	28.0	31.2	78	66	N 2	N 3	0	10	—	Sky overcast during eclipse.
5	30.63	30.63	53.6	56.0	52.1	56.4	30.3	31.2	73	70	N 3	NNE 2	10	2	0.04	Dull.
6	30.45	30.29	57.2	56.8	54.6	60.5	35.7	39.7	76	86	E 3	NE 2	10	9	0.40	Fine morning.
7	30.14	29.99	53.6	48.9	48.9	58.2	34.8	33.9	84	98	NNE 2	Calm 0	10	2	0.76	☁ all day. ☁
8	29.83	29.62	51.9	51.7	48.1	57.1	36.2	36.5	94	95	NW 1	SW 1	10	10	0.02	Dull.
9	30.58	30.40	51.7	52.6	38.9	56.1	30.6	27.9	80	71	S 1	S 2	10	8	0.60	☁ a. Dull afternoon.
10	30.33	30.43	48.6	41.1	39.1	53.0	30.2	21.8	89	85	NW 2	NW 6	10	10	0.48	Wild and stormy. ☁ all day.
11	30.55	30.68	41.7	41.8	39.8	45.8	19.6	21.2	76	80	NW 6	NW 3	10	0	0.02	☁ a. and p.
12	29.71	29.85	47.4	48.0	36.9	49.7	28.1	29.0	87	87	NW 2	NW 3	10	10	0.60	☁ in morning. Finer in afternoon.
13	30.01	30.11	44.6	41.9	41.6	49.5	23.8	21.1	80	80	NNW 2	NW 1	1	0	—	Fine and sunny.
14	30.08	30.18	45.7	53.2	38.6	54.8	28.4	36.9	93	91	SW 2	S 2	10	9	—	Dull.
15	30.27	30.22	49.3	52.1	43.1	55.0	32.1	35.2	92	90	W 1	Calm 0	7	10	—	☁
16	30.31	30.37	54.4	57.6	51.7	59.3	38.3	41.6	91	87	SW 2	NW 2	7	10	—	Fine day.
17	30.34	30.31	55.0	54.9	51.4	58.5	37.3	36.9	86	86	SW 2	SW 3	10	8	—	Dull.
18	30.35	30.36	54.1	54.6	51.5	59.4	37.8	38.8	89	91	W 1	W 1	2	10	—	Fine and sunny.
19	30.34	30.31	53.1	51.9	50.1	61.0	36.2	36.0	89	93	W 1	Calm 0	10	0	—	Warm and beautiful.
20	30.35	30.42	50.1	49.1	48.0	53.8	29.7	29.6	82	85	W 1	Calm 0	10	10	—	☁
21	30.39	30.32	50.4	50.7	45.1	55.9	30.3	29.7	83	81	NW 0.5	S 1	3	8	—	Fine and sunny.
22	30.27	30.12	50.8	50.4	45.0	55.0	30.3	32.3	82	88	SE 1	Calm 0	0	0	—	☁ ga. Fine day.
23	30.03	29.94	48.9	48.9	45.9	53.1	30.3	30.8	88	90	SE 1	SE 1	0	0	—	☁ ga.
24	29.94	30.04	48.6	45.1	41.8	51.8	29.5	26.9	86	90	Calm 0	Calm 0	0	2	0.10	☁ ga.
25	30.11	30.06	40.6	47.3	36.6	52.8	25.5	29.2	100	90	Calm 0	SE 2	10	0	0.50	☁ a. ☁ ga.
26	30.55	30.67	55.8	44.3	43.3	56.9	40.3	21.6	90	74	SSW 4	SW 4	10	0	0.12	☁ a. and p.
27	30.83	30.83	45.1	46.7	42.1	50.0	22.5	23.4	76	74	W 4	W 4	1	10	—	☁ a. and p. Fine day.
28	30.55	30.81	58.2	48.9	46.4	61.1	39.6	23.7	81	69	SW 5	SW 2	9	0	0.50	☁ a. Dull and mild.
29	30.07	30.20	43.0	39.0	36.3	50.9	24.4	19.9	88	84	WNW 1	SW 1	0	0	—	☁ ga. Fine day.
30	30.24	30.33	49.1	50.1	38.0	54.0	27.4	30.8	79	85	W 1	SW 2	8	10	—	Splendid sunset.
31	30.30	30.30	52.0	48.0	45.8	56.1	28.2	31.1	80	91	SW 2	SW 3	0	10	—	Dull.
Means	30.09	30.09	50.8	50.1	45.0	55.6	31.3	30.8	83.7	84.2	1.9	1.8	6.2	5.5	2.790	

## SOUTHAMPTON.

Height above Mean Sea Level, 78 feet. Long. 1° 24' W. Lat. 50° 55' N.

OCTOBER 1884.

1	30.05	30.17	58.7	47.7	47.7	61.6	43.5	28.9	88	88	NW 2.5	NW 1	10	4	0.12	Day fine and pleasant. ☁ n.
2	30.08	30.05	53.8	55.0	47.0	62.3	40.1	37.5	95	87	NE 1.5	SW 2.5	10	10	0.06	Pleasant afternoon and evening.
3	30.13	30.32	56.8	49.0	48.5	62.4	32.8	26.8	71	77	WNW 3	NW 0.5	0	6	—	Beautiful day throughout. ☁ n.
4	30.50	30.63	52.2	45.7	39.8	61.8	28.5	26.8	73	88	NW 2.5	Calm 0	8	0	—	☁ in p.m. Beautiful day throughout.
5	30.67	30.60	50.8	51.8	37.0	58.7	27.8	30.4	75	79	NE 2	NE 3	0	10	—	Beautiful morning, but cold. ☁ n.
6	30.48	30.35	55.3	52.8	46.9	61.4	32.6	33.5	81	84	NE 4	NE 3.5	8	7	—	Fine and dry, but with cold wind.
7	30.20	30.04	55.8	50.7	48.2	61.2	36.5	31.0	81	84	NE 3.5	N 3	10	1	—	Fine and dry, but with cold wind.
8	29.87	29.68	46.9	44.1	41.0	57.6	29.5	26.9	93	93	NW 1.5	NW 1	10	1	0.12	Beautiful morning. ☁ 2p.-6.30p.
9	30.49	30.36	51.9	44.1	37.1	55.2	30.8	26.9	80	93	S 2	NNE 1	7	4	0.40	☁ showers a. ☁ 11.30a.
10	30.51	30.63	46.1	39.7	38.1	49.1	26.0	20.9	84	85	NW 3.5	NE 4.5	10	0	0.40	☁ 2.30p. Very cold wind.
11	30.74	30.78	43.1	41.9	35.7	49.6	19.8	24.6	71	93	NW 3.5	NW 2.5	1	9	0.10	☁ 1.30p. and 2.30p. ☁ 5p.-7.30p.
12	29.85	29.99	47.0	43.1	40.1	55.3	24.9	22.7	78	81	NNW 4	NW 3	2	0	0.10	Beautiful morning. ☁
13	30.13	30.15	43.6	42.9	34.1	53.4	20.9	23.9	74	87	NW 3	NW 1	0	10	0.08	Beautiful day. ☁ during the evening.
14	30.12	30.22	51.2	50.1	39.9	61.4	35.8	33.6	95	93	WSW 0.5	NW 1	9	10	—	☁ early a. Day fine and pleasant.
15	30.32	30.34	48.6	54.0	46.0	60.8	30.2	38.2	88	92	NW 1	WNW 1	10	10	—	☁ in morning. ☁ a. and p.
16	30.38	30.43	56.8	55.9	50.5	68.5	40.5	38.6	87	86	NW 2.5	W 3	10	10	—	Beautifully fine and warm. ☁ on grass
17	30.41	30.39	56.0	55.0	52.1	61.6	39.9	37.2	89	86	W 3	NW 3	10	10	—	Fine and very pleasant.
18	30.42	30.43	56.0	50.9	50.7	62.6	37.3	34.6	83	93	NW 2	NW 1	2	5	—	Fine and pleasant throughout.
19	30.38	30.33	51.4	55.5	48.1	63.2	35.1	38.7	92	88	WNW 0.5	NW 2.5	10	10	—	Dull a. Beautiful day. Overcast evening.
20	30.38	30.41	50.8	45.7	45.2	57.8	28.3	27.5	76	99	NNE 1	NE 1	10	10	—	☁ a. and p. Dull a. Beautiful day.
21	30.37	30.29	47.8	49.8	45.1	52.6	27.9	30.5	84	86	NE 1	NE 1	10	10	—	Thickly overcast all day.
22	30.21	30.07	53.2	46.0	45.8	59.2	31.8	28.3	78	92	E 3	NE 1.5	0	0	—	Beautiful day throughout. ☁ n.
23	29.97	29.89	48.6	45.4	42.9	60.2	31.2	29.0	92	90	NE 1	NW 0.5	9	0	—	☁ a. Beautiful day. ☁ a. and p.
24	29.91	30.05	48.8	48.8	43.6	58.2	31.8	30.5	92	88	NE 1.5	NE 0.5	10	10	—	☁ a. and p. Beautiful day. Evening overcast.
25	30.13	30.00	47.8	49.8	44.0	57.8	33.8	31.2	87	87	NW 0.5	SE 2	2	1	0.11	☁ till 8a. ☁ a. and p. Beautiful day.
26	29.66	29.80	56.8	45.2	44.8	57.2	42.0	22.6	91	75	WNW 5	W 3	10	0	—	Beautiful day with ☁.
27	30.95	30.85	47.0	51.6	41.9	53.7	21.1	32.0	66	83	W 4	SW 5.5	0	10	0.11	Beautiful day with drying ☁ (showers 4.30p.-6.30p.)
28	29.65	29.87	58.7	44.1	44.1	61.8	40.6	26.0	82	89	WSW 5	NW 1	10	1	0.09	Squally ☁ 1p.-2p. ☁ ga.
29	30.10	30.18	56.0	47.6	32.2	55.0	21.0	29.5	99	90	Calm 0	SW 0.5	9	9	0.03	☁ in morning. Beautiful day.
30	30.20	30.30	45.9	55.8	39.3	59.2	29.2	39.2	95	87	SSE 1	SW 3	6	10	0.09	☁ in morning. Day fine and mild.
31	30.31	30.24	53.6	47.2	47.2	57.6	33.9	30.0	82	93	SSW 3.5	SSE 1	10	0	—	Beautiful day throughout. ☁ n.
Means	30.10	30.10	50.9	48.6	43.4	58.5	31.7	30.3	84.0	87.5	2.3	1.9	6.9	5.7	0.870	

OCTOBER 1884.

## ST. LEONARDS.

Height above Mean Sea Level, 116 feet. Long. 0° 33' E. Lat. 50° 51' N.

OCTOBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	60.4	52.6	52.6	62.2	in.	in.	77	74	WSW 4	NW 2	10	7	ins.	
2	30.05	30.16	56.3	58.9	50.6	60.8	.404	.293	77	92	SSE 1	WSW 3	10	10	.004	Overcast all day. Frequent showers.
3	.12	29.96	56.3	58.9	50.6	60.8	.361	.454	79	92	NW 3	NW 1	0	3	—	Fine day. U p.
4	.08	30.27	54.5	48.7	48.7	61.7	.347	.266	81	77	N 4	NNE 2	0	2	—	
5	.45	.62	49.7	48.3	41.0	59.5	.263	.274	73	81	NNE 3	NE 4	9	1	—	Overcast day.
6	.03	.54	50.7	50.1	47.9	58.0	.286	.299	78	83	NE 4	NE 3	5	3	.264	
7	.42	30.27	59.7	54.0	49.6	64.9	.391	.380	76	91	NE 4	NNE 3	8	3	.218	Frequent showers.
8	30.14	29.97	52.7	51.2	50.4	56.9	.378	.358	95	96	NW 1	WSW 1	10	10	.430	Overcast. showers after 4p.
9	29.85	.63	51.5	51.4	50.7	56.9	.351	.364	92	96	S 4	SW 1	6	10	1.253	Overcast. Frequent showers.
10	.56	.36	51.2	48.6	41.2	55.4	.274	.302	73	89	NW 3	NW 3	10	10	.022	Overcast. Frequent showers.
11	.39	.51	46.6	40.3	39.2	49.5	.305	.214	97	85	NW 5	WNW 2	8	0	.017	
12	.63	.73	40.3	38.2	38.2	47.0	.170	.209	67	90	NW 5	NNW 3	9	5	.011	
13	29.76	29.90	46.5	43.7	38.1	50.7	.277	.360	88	91	NNW 3	NNW 3	0	0	—	Very fine.
14	30.06	30.13	44.2	42.1	38.6	51.6	.222	.217	76	81	WNW 2	NW 2	10	10	.006	Overcast, with a, at night.
15	.11	.19	47.2	51.2	41.2	58.1	.298	.343	93	91	WNW 1	NW 1	0	0	.009	Overcast.
16	.30	.30	47.4	53.3	45.0	55.8	.298	.305	91	90	NW 2	NW 2	5	0	—	
17	.33	.39	55.5	54.6	51.9	66.2	.400	.386	91	90	WNW 1	NW 2	10	0	—	
18	.39	.34	54.1	53.0	52.7	58.1	.379	.369	90	92	W 3	NW 1	10	0	—	at night.
19	.39	.38	54.7	54.8	49.3	62.7	.380	.392	90	91	NW 2	NW 2	7	2	—	
20	.36	.31	51.2	55.1	47.3	59.5	.348	.385	93	88	NW 1	NW 1	10	10	—	
21	.37	.40	48.5	49.5	46.7	56.1	.279	.265	82	75	NW 1	Calm	0	4	—	
22	.38	.29	49.0	52.8	47.8	53.4	.268	.292	77	73	NNE 1	E 2	10	10	—	Overcast.
23	30.23	30.11	54.3	52.7	46.3	57.2	.308	.319	73	80	ESE 3	ESE 2	0	0	—	Very fine.
24	29.99	29.90	53.7	53.0	50.0	57.0	.332	.337	80	84	ESE 3	ESE 3	4	0	—	
25	29.92	30.02	51.2	47.2	46.5	55.1	.311	.277	83	86	ESE 1	ESE 1	8	0	—	at night.
26	30.11	29.99	49.7	53.6	42.8	55.5	.290	.361	82	88	NW 1	W 3	0	3	.029	ga. Fine a. Cloudy p.
27	29.61	.74	55.4	44.6	44.6	57.7	.419	.220	96	78	WSW 7	NW 3	10	0	—	(gale) n. and a. Overcast till 11a.
28	.89	.87	45.5	51.3	40.0	52.0	.202	.309	66	82	WNW 3	W 5	0	10	.049	Squally 9p.
29	29.64	29.84	56.2	45.8	45.8	58.6	.434	.289	96	94	WSW 8	WNW 1	10	3	.110	(gale) n. and till Noon. Overcast.
30	30.09	30.19	45.2	46.7	39.9	52.3	.239	.230	80	73	NW 1	NW 1	0	1	—	Very fine.
31	.28	.32	50.2	53.6	45.6	55.3	.300	.334	83	81	W 1	WSW 3	9	3	—	Cloudy.
Means	30.35	30.30	53.5	50.7	48.9	55.5	.334	.331	81	89	SSW 3	SSW 3	3	8	—	
Means	30.092	30.094	51.2	50.1	45.8	56.8	.318	.313	83.2	85.5	2.6	2.1	6.2	4.1	2.662	



## BABBACOMBE.

Height above Mean Sea Level, 293 feet. Long. 3° 31' W. Lat. 50° 29' N.

OCTOBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	58.2	52.8	52.3	63.6	ins.	ins.	84	76	WNW 2	NE 1	9	10	0.00	Wind SW. till 5 a.
2	30.09	30.17	58.2	52.8	52.3	63.6	30.09	30.17	84	76	WNW 2	NE 1	9	10	0.00	Wind E. till 3 a. SE. at 7 a.
3	30.04	30.06	59.5	58.0	52.3	62.7	30.04	30.06	86	86	SW 4	WSW 4	8	10	0.00	0.2 p. 0.7 p. 0.2. Very fine crimson sunset and after-glow.
4	30.19	30.39	56.7	47.7	47.5	60.7	30.19	30.39	66	82	WNW 3	WSW 1	1	4	—	Moon green 7 p.—9 p. 0.2. Very fine
5	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	Wind W. 4 a., N. 6 a. A very fine day.
6	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. Squally p.
7	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	Squally a. and p.
8	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
9	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. 0.2 p.
10	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. and p. (gale) p. < in S. 9 p.
11	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 showers a. and p. Squally
12	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 p.
13	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
14	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
15	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
16	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
17	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
18	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
19	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
20	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
21	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
22	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
23	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
24	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
25	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
26	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
27	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
28	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
29	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
30	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
31	30.16	30.10	55.1	52.1	44.5	60.7	30.16	30.10	66	74	NNE 2	NNE 2	1	0	—	0.2 n. 0.2 (mist) a. and p. 0.2 p.
Means	30.143	30.149	52.3	49.5	45.5	57.0	30.143	30.149	82.0	83.7	2.6	2.6	6.8	5.6	0.900	

NOTE.—Crimson sunsets and after-glows were frequently observed.

## ST. AUBIN'S, JERSEY.

Height above Mean Sea Level, 139 feet. Long. 2° 10' W. Lat. 49° 11' N.

OCTOBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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	30.15	30.22	62.1	55.4	53.9	65.1	30.15	30.22	76	94	SW 3	Calm 0	9	7	0.027	0.2 a. and p. 0.2 0.2 at times p.
2	30.16	30.29	63.8	60.8	55.2	66.3	30.16	30.29	77	90	SW 2	WSW 3	4	9	0.165	0.2 showers.
3	30.22	30.40	62.0	52.5	52.4	64.1	30.22	30.40	62	71	NW 2	Calm 0	3	2	—	Extremely fine. 0.2 p.
4	30.55	30.63	59.0	53.5	51.0	60.8	30.55	30.63	78	81	NE 2	NE 2	2	0	—	Perfect weather. Eclipse well seen.
5	30.65	30.55	56.1	55.0	50.2	57.6	30.65	30.55	75	76	NE 2	NE 3	7	4	—	Cloudy and cool. 0.2 at times p.
6	30.43	30.31	58.9	57.2	53.9	60.8	30.43	30.31	82	81	NE 2	NE 2	9	2	0.054	0.2 a.
7	30.21	30.08	57.1	56.2	52.3	60.3	30.21	30.08	78	79	NNE 2	NNE 2	6	9	0.018	0.2 showers n. and a.
8	30.06	30.81	60.3	48.0	47.5	65.0	30.06	30.81	70	79	Calm 0	NW 1	1	6	0.280	0.2 a. Fine a. 0.2 showers p.
9	30.01	30.39	54.1	47.8	46.0	55.8	30.01	30.39	67	87	SW 7	NW 2	5	4	0.670	0.2 n. 0.2 a. Squally a. 0.2 showers.
10	30.64	30.77	55.0	46.0	43.2	55.0	30.64	30.77	65	68	NW 4	NW 3	5	5	0.200	0.2 0.2 showers n. and a. Squally.
11	30.85	30.88	46.0	45.8	39.3	53.7	30.85	30.88	74	81	NW 3	NW 3	7	7	0.200	0.2 0.2 showers n. and a. at times. Cold.
12	30.89	30.04	49.1	49.3	44.0	52.9	30.89	30.04	84	81	N 3	NE 3	9	8	0.060	0.2 0.2 showers n. and a.
13	30.18	30.22	49.2	48.0	44.3	56.7	30.18	30.22	63	93	N 1	Calm 0	4	10	0.100	0.2 a. 0.2 showers from 5 p.
14	30.22	30.27	53.2	50.2	46.8	58.1	30.22	30.27	91	93	SW 3	Calm 0	9	0	0.090	0.2 showers. Fine evening. 0.2 p.
15	30.39	30.42	55.5	54.8	47.8	58.2	30.39	30.42	76	94	NNW 1	Calm 0	9	10	0.040	0.2 a.
16	30.49	30.54	58.8	55.0	53.6	62.6	30.49	30.54	80	89	NW 1	Calm 0	9	10	0.095	0.2 Gloomy evening.
17	30.54	30.51	59.3	55.4	52.4	62.2	30.54	30.51	86	97	WhyN1	WhyN2	5	10	0.050	0.2 0.2 a. Fine a. Gloomy, with 0.2 p.
18	30.49	30.48	58.0	55.2	54.0	61.7	30.49	30.48	82	88	N 1	Calm 0	9	9	—	Very fine.
19	30.44	30.41	55.3	54.5	51.8	58.6	30.44	30.41	85	87	Calm 0	Calm 0	10	10	0.092	0.2 Gloomiest day since April 19th.
20	30.43	30.42	56.5	50.2	50.2	58.9	30.43	30.42	94	93	Calm 0	Calm 0	9	0	0.110	0.2 showers. Day gloomy. Fair even-
21	30.37	30.27	56.3	48.2	48.2	57.1	30.37	30.27	68	86	EbyN2	NE 2	2	0	—	0.2 a. Very fine a. Cloudy p. [ing. 0.2 p.
22	30.20	30.09	54.0	55.0	46.2	58.0	30.20	30.09	80	79	E 1	SE 2	0	0	—	0.2 a. and p. 0.2 (mist) a. Day fine.
23	30.09	30.09	57.3	53.1	47.7	61.3	30.09	30.09	78	93	SE 1	Calm 0	3	0	—	0.2 a. 0.2. Day very fine.
24	30.04	30.04	53.3	51.1	50.0	57.9	30.04	30.04	85	92	SE 2	NE 1	9	0	—	0.2 a. and p. Very fine from 11 a.
25	30.17	30.13	54.5	54.0	46.8	58.8	30.17	30.13	78	86	Calm 0	SW 1	9	5	—	0.2 a. and p. Day very cloudy.
26	30.09	30.07	56.6	52.2	50.2	56.8	30.09	30.07	90	68	WSW 4	NW 2	10	9	0.075	0.2 Squally n. and a. 0.2 showers a. Fair p.
27	30.10	30.08	49.0	53.2	47.2	54.8	30.10	30.08	82	81	NW 1	W 4	5	10	0.015	0.2 Fair p. Squally at night. 0.2 at times.
28	30.01	30.05	56.2	51.5	50.8	59.5	30.01	30.05	93	96	SW 5	N 1	10	10	0.400	0.2 Squally (force 7). a. Gloomy day.
29	30.13	30.25	55.4	45.2	45.0	58.8	30.13	30.25	65	77	Calm 0	Calm 0	2	4	—	Extremely fine day. Sunset glow.
30	30.34	30.38	56.5	51.2	45.1	59.9	30.34	30.38	72	91	SW 2	SW 1	3	7	—	0.2 a. Extremely fine. 0.2 at times.
31	30.35	30.30	50.0	52.6	46.3	53.8	30.35	30.30	80	93	S by E 2	SE 2	8	7	—	0.2 a. Extremely fine from 10 a.
Means	30.187	30.186	55.8	52.2	48.8	59.0	30.187	30.186	78.0	84.3	1.9	1.4	6.2	5.6	3.041	0.2 a. Extremely fine from 10 a. Sunset glow. 0.2 p.

Earth temperature: Mean of 10 readings (every third day), at 1 foot, 55.8; 3 feet, 55.3; 6 feet, 59.7.

## LONDONDERRY.

Height above Mean Sea Level, 93 feet. Long. 7° 19' W. Lat. 55° 0' N.

OCTOBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	50.7	50.7	42.3	50.9	ins.	ins.	75	75	W 2	SW 2	6	5	ins.	Noon.—40. Fine during day.
2	29.96	29.97	50.7	50.7	42.3	50.9	2.57	2.77	69	75					0.30	
3	29.76	29.71	54.0	49.7	48.0	59.6	3.50	3.13	84	88	SSE 4	WSW 2	10	3	0.220	Fine and clear all day.
4	30.05	30.75	49.7	45.2	42.8	53.3	2.47	2.47	69	83	WSW 4	WNW 1	4	1	0.380	
5	53	67	49.7	51.5	41.8	56.5	2.77	3.39	78	89	WSW 1	WSW 1	3	10	—	Fine and clear all day.
6	75	72	54.7	45.8	44.8	63.7	3.38	2.89	94	81	E 1	NE 1	7	0	—	
7	67	53	47.7	43.7	38.0	62.0	2.88	2.81	87	98	W 1	Calm 0	0	0	—	Fine and clear all day.
8	30.38	30.08	47.5	49.7	41.0	63.0	3.16	3.54	96	99	E 1	E 1	10	10	1.10	
9	29.70	29.33	43.9	42.5	41.8	51.9	2.45	2.59	85	95	NW 2	SW 2	8	2	3.80	Fine till 4 p. 2 showers in evening
10	55	77	45.7	44.5	37.7	49.4	2.78	1.99	91	67	N 1	N 3	10	10	4.00	
11	83	29.90	40.7	38.7	35.5	45.3	2.08	1.91	82	82	NW 2	NNW 2	7	2	2.90	All day. Cold, with 2 showers.
12	29.94	30.04	44.7	43.7	35.9	47.0	2.09	2.12	70	74	N 2	N 2	3	10	0.90	
13	30.14	20	45.0	42.9	40.8	49.8	2.22	2.32	74	85	N 2	NW 1	7	3	1.00	Overcast.
14	15	01	43.4	50.3	41.5	51.2	2.71	3.55	96	97	SW 1	NW 1	10	10	1.20	
15	17	18	47.8	49.7	46.0	52.0	2.86	3.39	86	94	NNW 1	S 2	10	10	0.90	Dull and overcast.
16	16	24	55.1	53.7	48.9	57.0	3.99	3.99	91	94	W 1	SW 2	10	10	0.30	
17	27	27	55.0	53.9	52.0	58.4	4.09	3.87	94	93	WSW 1	SW 3	10	10	—	Overcast.
18	32	34	51.2	53.7	48.9	57.0	3.43	3.99	91	94	W 3	SW 3	10	5	0.30	
19	36	28	53.2	54.4	50.8	58.6	3.55	3.83	88	91	WNW 1	SW 3	4	10	0.90	Overcast.
20	33	35	50.7	48.2	45.9	56.4	3.00	2.81	81	84	WSW 2	W 1	10	10	—	
21	30	30	47.7	53.7	44.6	55.8	3.04	3.76	92	91	S 2	SW 2	10	10	—	Overcast.
22	31	30.15	52.5	52.9	50.0	55.5	3.27	3.46	82	87	WSW 2	SSW 2	10	10	—	
23	30.09	29.94	51.7	51.4	50.3	56.0	3.14	3.14	82	83	SSE 2	SSE 2	10	10	—	Overcast.
24	29.75	29.76	52.7	49.5	48.0	57.6	3.25	3.52	81	99	SSE 2	SSE 1	8	10	4.90	
25	30.00	30.11	47.0	47.7	40.6	52.6	2.96	2.43	92	93	Calm 0	SW 1	10	0	—	Fine and clear all day.
26	29.89	29.47	50.3	55.4	40.0	56.0	3.29	3.96	90	90	SSW 2	SW 6	10	10	2.20	
27	54	66	45.9	41.0	38.6	58.3	2.25	2.11	73	83	NW 5	NW 5	7	9	1.80	Squally 2 2 all day.
28	80	30	43.7	52.7	39.4	53.8	2.19	3.12	77	78	WSW 1	SW 4	10	9	1.20	
29	43	77	43.7	38.3	37.0	55.6	2.35	2.05	82	89	NW 4	SW 4	10	10	1.90	Squally 2 2 all day. 2
30	90	87	40.8	43.7	35.9	45.4	2.16	2.62	85	92	WSW 1	SW 3	6	10	2.40	
31	80	72	49.7	56.7	43.4	57.4	3.16	3.84	89	84	SW 4	SW 5	10	9	2.20	Constant 2 all day.
32	29.75	29.79	55.2	57.7	49.0	59.0	3.98	3.75	91	94	SW 5	SW 1	10	10	7.10	
Mens	30.040	30.024	48.8	48.5	43.3	55.2	2.94	3.66	84.1	88.4	2.0	2.2	8.1	7.4	4.350	



## MARKREE CASTLE, SLIGO.

Height above Mean Sea Level, 131 feet. Long. 8° 27' W. Lat. 54° 11' N.

OCTOBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative 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.		
1	ins.	ins.	50.9	50.9	39.4	56.5	ins.	ins.	78	83	S 0.5	SSE 2	5	10	ins.
2	29.99	29.94	50.9	50.9	39.4	56.5	289	308	78	83	S 3	SW 2	10	6	220
3	29.71	29.78	55.4	49.0	47.0	60.6	385	300	88	87	S 3	SW 2	10	6	220
4	30.11	30.36	50.1	42.8	41.8	53.3	294	254	81	92	WNW 3	Calm 0	7	5	—
5	53	64	50.1	50.8	37.4	56.0	297	333	82	89	Calm 0	Calm 0	7	10	—
6	71	67	53.0	42.6	41.4	58.7	322	267	80	97	SE 1	Calm 0	2	0	∞ at night. ∞ op.
7	62	49	45.2	41.8	31.3	60.6	299	258	100	98	Calm 0	Calm 0	10	0	∞ a. ∞ p.
8	30.35	30.07	44.2	49.2	35.1	57.8	285	324	98	93	Calm 0	Calm 0	10	10	∞ a.
9	29.72	29.30	46.0	41.4	41.1	49.2	250	259	81	99	WNW 1	Calm 0	8	9	580
10	54	81	47.1	44.2	40.2	49.5	238	268	74	93	N 1	N 1/2	10	9	200
11	87	29.94	43.1	37.2	34.2	46.2	188	196	67	88	N 1/2	N 1	9	8	280
12	29.98	30.07	41.1	43.2	36.3	48.3	222	200	86	72	N 0.5	N 5	9	10	060
13	30.16	30.16	44.3	41.3	40.1	48.9	247	243	84	94	NNW 1	Calm 0	9	10	060
14	15	15	44.1	49.2	39.9	52.2	273	332	94	96	S 0.5	WNW 2	10	10	340
15	19	20	49.0	51.0	46.9	52.0	289	369	83	99	NW 1	SSW 1	10	10	090
16	20	28	55.2	54.7	50.5	57.6	416	406	96	95	WNW 2	Calm 0	10	10	—
17	28	30	56.1	53.5	53.0	61.1	433	387	96	94	S 1	WSW 0.5	10	10	020
18	35	36	52.2	54.2	50.7	58.9	374	397	96	95	Calm 0	SW 0.5	10	10	020
19	38	31	54.1	54.0	50.9	58.0	390	371	93	89	SW 0.5	SSW 1	10	10	030
20	34	36	51.6	40.4	39.8	54.6	282	244	74	98	N 0.5	Calm 0	8	9	010
21	33	28	47.9	51.9	35.7	58.0	321	362	97	94	Calm 0	SSE 0.5	10	10	—
22	20	30.13	51.0	53.0	49.0	54.5	341	355	91	88	S 1	SSE 1	10	10	—
23	30.03	29.88	52.1	49.2	47.4	57.3	337	310	86	89	SSE 2	SE 3	10	7	—
24	29.77	29.74	50.0	47.9	46.3	54.1	295	321	82	97	SSE 2	NNW 1	10	10	470
25	98	30.13	48.6	36.8	35.1	52.0	278	206	81	95	Calm 0	Calm 0	10	7	—
26	94	29.58	50.8	54.6	32.5	55.4	356	409	90	96	S 1	SW 3	10	10	190
27	66	76	43.3	45.0	40.5	55.5	237	184	84	61	NNW 6-8	WNW 6-8	10	8	330
28	85	36	42.9	52.9	39.2	54.1	228	331	83	83	SSW 0.5	WNW 5	10	8	300
29	81	47.2	37.1	36.1	32.9	52.9	218	205	68	93	NNW 0.5	WSW 1	8	8	210
30	95	91	39.1	43.9	33.5	47.2	215	270	90	95	SSW 0.5	SW 1	4	7	160
31	76	76	51.3	56.5	39.7	57.2	370	412	98	90	SW 5	SSW 6	10	10	310
Means	30.062	30.040	48.7	47.5	41.3	54.7	301	305	86.3	91.3	1.5	1.6	8.9	8.4	4.950

## DUBLIN.

Height above Mean Sea Level, 51 feet. Long. 6° 15' W. Lat. 53° 20' N.

OCTOBER 1884.

1	30.03	30.07	49.3	52.3	44.9	56.7	265	287	75	73	W 3	SSE 1	0	9	—	Cloudless, cool, and bracing a.
2	29.89	29.81	53.8	51.8	49.8	64.5	342	326	82	85	Calm 0	W 3	4	2	112	∞ a. Brilliant ga.—Noon. ∞ 2 p.—6 p.
3	30.14	30.38	49.9	45.0	45.2	54.9	261	245	73	82	WbyN 4	WNW 2	0	2	—	Squally a. Beautiful day.
4	56	67	47.7	46.2	41.8	58.0	270	284	82	92	W 1	Calm 0	2	0	—	∞ a. and p. Day fine and bright.
5	73	68	45.7	50.2	40.1	56.8	288	314	95	87	Calm 0	E 2	0	1	—	∞ a. (mist) op.
6	61	49	50.4	48.9	44.2	56.6	312	322	86	94	E 3	NE 1	0	1	—	∞ a.
7	30.34	30.11	51.4	52.7	48.2	54.6	343	356	91	89	WbyN 2	W 2	10	10	074	Overcast and gloomy throughout.
8	29.77	29.42	45.1	44.6	44.2	53.1	273	247	91	84	W 4	WbyS 7	10	4	170	Squally a. and p. Upper clouds from SSW.
9	43	63	48.0	47.0	41.1	51.7	276	291	83	91	NEbyE 4	NNW 3	4	10	030	—
10	80	88	40.3	37.0	36.7	47.4	186	182	74	83	NW 5	NNW 3	1	0	—	Squally a. and p. ∞ a. 0.3 op.
11	29.93	29.98	38.9	40.1	33.8	48.0	195	206	84	83	NW 3	NW 4	5	0	—	—
12	30.09	30.18	42.6	42.0	36.7	49.3	224	219	83	83	NNW 4	NNW 3	3	7	—	Very fine and bright, but cold.
13	19	05	44.1	50.1	38.2	50.9	240	337	82	93	NW 3	W 2	10	10	067	Overcast a. showers all day.
14	18	25	50.2	49.0	47.1	51.6	304	279	84	80	NW 3	WNW 2	8	9	021	Milder, and very cloudy.
15	22	29	55.3	55.1	48.8	60.1	371	398	85	91	W 5	W 4	8	10	—	Squally a. Damp and warm.
16	34	32	57.3	57.1	54.2	61.8	417	416	89	88	WSW 4	WSW 4	3	10	—	a. and p. Bright a. Close and damp.
17	36	39	53.2	55.2	51.0	58.0	352	388	87	90	WbyS 4	W 3	3	10	—	Squally a. and p.
18	42	38	54.9	54.8	53.2	59.5	363	377	85	88	W 3	W 3	4	4	014	[set.]
19	34	37	52.7	47.3	46.9	55.7	375	283	94	88	NNW 2	NW 2	10	7	012	Gloomy a., with ∞. Cloudless at sun.
20	39	35	47.2	52.4	40.3	55.5	293	380	91	97	Calm 0	Calm 0	9	10	—	∞ a. and p. Dull day.
21	28	30.21	50.0	53.9	46.8	58.7	321	340	90	82	Calm 0	SW 1	3	9	—	∞ a. Well defined cirri later a.
22	30.14	29.97	52.2	52.3	50.2	55.4	363	313	93	80	SSE 1	SbyE 2	10	8	—	Gloomy and damp a. Very fine p.
23	29.80	29.76	54.3	54.9	51.4	58.9	347	354	75	82	ShyW 4	S 2	3	9	044	Very fine and mild a., with squally p.
24	29.97	30.12	49.9	48.0	47.3	55.4	322	309	91	93	NNW 2	NW 2	10	10	012	Very gloomy all day, with ∞.
25	30.05	29.67	47.2	55.8	38.0	56.5	262	374	82	84	WSW 3	SW b. W 7	10	10	016	Much cir. a. Squally p. 2 11 p.
26	29.66	29.77	46.8	44.1	43.5	57.4	220	217	69	74	WNW 5	NW 5	2	7	010	Squally a. and p. dry and search. [ing. ∞ p.]
27	92	45	43.1	55.2	38.9	55.7	215	339	78	79	WbyN 3	WSW 7	7	3	102	Bright a. ∞ from Noon. Squally 2 p.
28	29.51	29.85	47.0	39.9	39.3	55.7	274	199	86	81	WNW 4	WNW 4	4	0	—	Very fine, with squally a. [p.]
29	30.00	29.99	41.2	47.8	37.9	49.6	213	243	83	73	WbyS 2	WSW 4	0	9	—	Bright and cold a. Cir. from wsw. p.
30	29.93	29.93	54.2	58.0	46.2	61.7	326	383	78	79	SSW 4	SW 6	8	7	—	Much milder. Squally p.
31	29.95	29.93	57.7	57.4	55.3	62.4	338	326	71	69	SSW 5	SSW 3	8	6	050	Squally a. and p. Day beautifully fine.
Means	30.093	30.076	49.1	49.9	44.6	55.9	294	308	83.6	84.4	2.9	3.0	5.1	6.3	0.834	

## PARSONSTOWN (BIRR CASTLE).

Height above Mean Sea Level, 182 feet. Long. 7° 55' W. Lat. 53° 6' N.

OCTOBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	49.9	50.3	42.9	57.0	ins.	ins.	78	80	SW 0.5	SSW 1.5	4	10	ins.	—
2	30.05	30.05	58.6	49.4	42.4	62.2	*277	*290	76	87	SSE 1.5	SSW 2	8	0	*176	—
3	30.19	30.42	51.1	40.5	40.3	65.5	*267	*228	72	91	NW 1	SSW 0.5	0	0	—	—
4	*57	*68	50.5	45.5	37.1	58.5	*293	*277	80	91	SSW 0.5	Calm 0	7	0	—	—
5	*72	*68	49.5	44.7	35.4	61.4	*314	*281	89	94	Calm 0	Calm 0	0	0	—	—
6	*62	*51	39.1	42.4	32.6	59.8	*221	*256	93	95	Calm 0	Calm 0	0	0	—	a. and gp.
7	30.36	30.13	44.7	49.7	36.2	52.0	*278	*338	94	95	Calm 0	Calm 0	10	10	*030	(mist) a. and p.
8	29.82	29.41	44.3	44.5	41.9	50.7	*239	*266	81	90	W 1	W 2	6	10	*402	—
9	*49	*76	40.6	45.3	40.1	51.2	*260	*250	83	83	NW 3	NW 3	7	7	*031	—
10	29.97	29.97	40.7	36.1	34.7	45.6	*200	*183	79	86	NW 2	NW 2	4	5	*045	—
11	30.02	30.08	40.7	38.4	32.3	48.1	*210	*204	83	88	NW 1.5	NW 2	7	4	*042	—
12	*16	*23	43.8	38.9	32.9	48.5	*228	*214	79	91	NW 1	NW 1	4	10	—	before ga.
13	*21	*07	43.5	51.8	38.2	52.4	*260	*369	92	95	SW 0.3	WSW 2	10	10	*091	(mist) a. and gp.
14	*24	*28	47.5	50.0	44.5	54.0	*281	*327	86	91	W 0.5	Calm 0	10	10	—	—
15	*27	*34	54.6	55.0	49.3	59.4	*395	*400	93	92	WSW 1	WSW 2	10	10	*035	(mist) a.
16	*37	*36	56.2	54.5	53.4	59.7	*422	*390	93	92	SW 1	SW 0.3	10	10	*014	(mist) a.
17	*40	*42	52.8	53.5	50.2	59.9	*364	*370	91	90	SW 0.5	NW 0.3	10	10	—	(mist) a.
18	*44	*41	54.5	53.0	50.8	57.8	*368	*353	87	90	SW 0.5	SW 1.5	8	10	*034	(mist) before ga.
19	*37	*38	51.8	49.8	49.3	54.4	*367	*355	94	93	NW 1	Calm 0	10	10	*042	—
20	*38	*35	53.3	51.3	44.8	56.6	*385	*354	95	94	SW 0.5	Calm 0	10	10	—	(mist) ga.
21	*26	30.18	50.8	52.9	47.2	55.3	*324	*348	87	87	S 1	SE 1	10	10	—	—
22	30.10	29.94	51.2	46.2	45.6	54.1	*343	*292	91	94	SSE 1	SE 0.5	10	6	—	(mist) ga. and before.
23	29.73	29.75	52.1	48.4	45.2	55.4	*321	*312	81	94	SE 1.5	Calm 0	8	10	*970	—
24	29.97	30.16	40.0	37.8	37.5	50.4	*285	*214	92	95	NW 1	Calm 0	10	0	*012	(mist) ga.
25	30.06	29.73	45.5	54.5	31.1	54.9	*266	*390	88	94	SE 0.5	WSW 4	10	10	*076	(mist) before ga.
26	29.76	*88	46.5	42.5	42.0	55.4	*229	*230	73	85	W 3	WNW 3	5	10	*026	—
27	*95	*64	44.7	53.8	36.8	55.5	*238	*359	81	87	SW 0.5	WNW 4.5	8	9	*264	(mist) gp.
28	29.60	29.88	47.1	36.7	36.5	55.1	*270	*191	84	88	W 1	Calm 0	8	3	—	(mist) ga.
29	30.01	30.01	41.5	45.3	34.4	49.9	*221	*268	85	89	SW 0.5	SW 2.5	4	10	*020	—
30	29.89	29.90	53.5	56.5	43.8	59.8	*367	*379	89	83	SSE 1	SSW 2	10	8	—	(mist).
31	29.90	29.86	56.5	54.5	54.0	57.5	*376	*405	82	96	SSW 2	SSW 2.5	10	10	*546	—
Means	30.118	30.103	48.7	47.5	41.4	55.4	*298	*303	85.5	90.3	1.0	1.3	7.4	7.2	2.856	—



## DUNROBIN CASTLE.

Height above Mean Sea Level, 12 feet. Long 3° 59' W. Lat. 57° 57' N.

NOVEMBER 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour		Relative 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.	48°	43°	43°	54°	ins.	ins.	90	93	NE	NE	—	—	ins.	Dull and mild.
2	29°65	29°80	48°3	43°4	43°4	54°7	232	262	90	93	W	NW	—	—	0.30	Dull, with ☁.
3	81	90	38°4	42°4	38°4	45°5	197	210	85	78	NW	SW	—	—	—	Clear and cold.
4	56	24	46°6	49°7	41°7	49°7	231	305	73	86	SW	SW	—	—	—	Dull and windy.
5	11	47	46°4	45°2	43°7	53°7	275	222	88	74	NW	W	—	—	0.80	☁ showers, with cold wind.
6	71	89	43°2	36°8	35°8	47°5	213	195	77	90	SW	N	—	—	0.30	☁
7	41	76	44°2	38°4	36°1	47°3	270	190	93	82	E	W	—	—	2.80	Dull, with ☁.
8	75	29°50	45°4	52°0	36°6	52°5	249	328	83	84	W	W	—	—	—	☁
9	29°61	30°04	49°7	41°4	39°6	53°5	254	238	72	91	NW	W	—	—	—	Fine, clear and cold.
10	30°31	19	41°6	47°7	38°6	49°3	214	237	82	72	S	SW	—	—	—	Clear and cold.
11	30°16	12	51°0	40°5	40°5	52°5	316	341	84	97	SW	W	—	—	1.30	☁
12	29°98	15	50°3	50°0	40°9	52°5	299	280	82	78	SW	W	—	—	—	Dull and cloudy.
13	30°41	57	39°2	35°8	35°1	51°5	205	186	85	89	SW	E	—	—	—	Clear and cold.
14	61	49	35°1	34°3	32°3	45°0	185	183	90	92	N	N	—	—	—	Clear and frosty.
15	47	42	35°1	32°3	30°3	44°0	185	166	90	91	N	NW	—	—	—	Frosty.
16	36	33	32°1	37°4	27°3	40°5	159	182	87	82	NW	W	—	—	—	Clear and frosty.
17	42	55	42°9	39°6	36°6	48°5	222	215	81	89	S	NW	—	—	0.40	Dull and cloudy.
18	62	72	38°6	36°8	33°3	43°0	196	195	84	90	NE	NW	—	—	0.30	Dull, cloudy and cold.
19	66	47	43°6	44°9	35°8	45°7	228	244	80	83	NW	NW	—	—	0.40	Overcast.
20	18	18	43°2	44°2	35°4	47°7	219	217	79	85	NE	NE	—	—	1.10	Clear, cold and windy.
21	25	28	39°6	37°1	36°1	45°7	186	197	76	89	NE	W	—	—	—	Fine, clear and cold.
22	19	20	41°9	37°1	36°6	44°5	219	192	83	87	NW	E	—	—	0.40	Dull, ☁ showers.
23	18	18	36°5	37°1	32°5	41°3	172	197	80	89	N	N	—	—	—	Fair and cold. ☁.
24	14	15	36°5	37°1	35°4	43°3	210	188	98	85	N	W	—	—	—	Clear and cold.
25	17	30°23	36°5	36°3	34°5	43°3	210	206	98	96	NE	N	—	—	0.30	☁
26	30°12	29°99	40°6	36°3	36°1	43°5	223	205	89	96	N	N	—	—	1.240	Dull, with ☁ showers.
27	29°63	58	47°7	44°2	35°8	48°7	289	236	88	81	NW	NW	—	—	2.60	Dull, with ☁ showers.
28	68	75	35°8	32°1	31°0	44°7	179	183	85	100	N	NW	—	—	—	Clear and frosty.
29	86	93	31°5	27°8	27°3	36°2	154	130	87	86	N	N	—	—	0.50	☁
30	29°88	29°95	27°5	38°4	23°0	38°5	138	208	92	90	N	SW	—	—	—	Clear and cold.
Means	30°019	30°061	41°0	40°2	36°0	46°9	222	219	85°3	86°8	—	—	—	—	3°630	

## BRAEMAR.

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

NOVEMBER 1884.

1	29°65	29°80	51°0	45°0	45°0	51°7	336	287	90	96	SW	8	SW	0°5	10	8	540	☁ showers.
2	60	80	44°6	35°7	35°7	48°8	254	178	86	84	W	2	SW	2	7	4	100	Fine day.
3	81	97	35°4	31°0	30°4	45°3	188	161	91	93	SW	2	SW	0°5	7	8	0.20	Dull and cold.
4	69	17	37°1	40°6	31°0	47°0	174	269	79	86	S	4	SW	8	7	9	0.60	☁ showers.
5	18	46	44°6	41°6	40°3	49°1	235	180	79	72	SW	4	SW	6	9	3	400	☁ showers.
6	77	92	38°6	35°0	35°0	43°7	192	192	82	94	SW	2	NW	1	2	8	310	Fine and clear.
7	37	67	48°5	36°0	34°8	50°8	316	186	94	87	SW	4	NW	2	10	8	480	Dull, with ☁ showers.
8	78	29°63	40°3	48°2	34°6	49°7	200	295	80	89	SW	6	SW	8	8	6	120	Stormy, with ☁ showers.
9	29°71	30°06	48°6	41°6	40°6	50°7	214	203	70	78	SW	6	SW	4	3	6	0.30	☁
10	30°40	38	39°6	41°6	37°3	45°8	169	203	70	78	SW	2	SW	2	3	1	—	☁
11	24	23	44°4	44°8	41°3	46°3	272	269	93	91	SW	6	SW	2	10	10	0.90	Dull, dark and damp.
12	12	15	44°0	44°8	40°1	44°8	255	269	88	91	SW	6	SW	2	9	8	0.40	Dull, dark and damp.
13	45	64	34°3	27°2	27°2	45°5	186	133	94	90	SW	0°5	SW	2	1	1	—	Fine and clear.
14	67	56	20°7	30°1	20°4	37°8	112	162	100	97	SW	0°5	SW	0°5	0	7	—	Fine and frosty.
15	53	43	36°0	35°7	29°6	40°7	170	158	80	75	SW	1	SW	1	7	3	—	☁
16	43	36	28°2	34°7	26°9	37°6	146	146	95	72	W	0°5	SW	0°5	8	9	—	Fine and frosty.
17	42	48	36°6	38°6	34°4	40°8	192	192	89	82	E	1	E	1	4	9	—	☁ showers.
18	57	65	35°2	35°9	35°2	40°1	171	162	83	77	NW	2	NE	2	8	7	—	☁
19	60	42	38°6	41°8	35°6	42°0	178	193	76	74	NW	4	NW	8	4	5	0.40	☁
20	67	54	38°6	35°7	34°1	44°1	183	180	78	85	NW	10	NW	8	7	10	0.50	☁
21	19	31	36°5	32°7	30°7	36°5	173	161	80	87	NE	0°5	SW	1	7	5	2.90	☁
22	15	19	37°8	35°0	31°4	39°7	199	172	88	84	NE	4	SE	2	9	4	0.90	☁
23	21	13	28°9	33°5	28°9	38°4	135	170	86	88	NE	0°5	NE	0°5	3	2	0.30	Fine, clear and frosty.
24	20	17	24°9	33°0	24°9	35°6	121	165	90	88	NE	0°5	NW	1	4	7	—	Fine, clear and frosty.
25	18	22	34°0	36°4	26°9	39°5	190	166	97	77	W	0°5	NW	1	9	4	0.70	Dull, with ☁.
26	30°13	30°03	39°0	40°9	35°7	41°5	188	212	80	84	SW	1	SW	2	9	10	—	Dull, with ☁.
27	29°65	29°51	43°8	38°6	37°6	45°5	252	192	88	82	SW	2	NE	4	9	7	300	Dull, with ☁.
28	66	76	32°7	30°9	30°7	43°1	165	148	89	85	NW	1	NE	2	4	6	2.30	Dull. ☁
29	84	99	28°9	20°7	20°7	39°0	153	112	97	100	NW	1	NW	0°5	5	0	0.30	Clear and frosty.
30	29°93	29°98	15°5	22°5	12°8	36°6	088	121	100	100	NW	0°5	N	0°5	3	0	—	Clear and frosty.
Means	30°040	30°070	36°8	36°5	32°3	43°3	194	188	89°4	85°5	2°8	2°5	6°2	5°8	4°010			

## LAUDALE.

Height above Mean Sea Level, 14 feet. Long. 5° 41' W. Lat. 56° 41' N.

NOVEMBER 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative 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°1	45°3	44°4	54°5	ins.	ins.	%	%	Calm	0	Calm	0	10	10	ins.	☁ showers all day. Gloomy evening.
2	29°68	29°81	42°0	42°1	40°1	47°2	246	192	92	72	NW	1	SW	1	10	5	440	☁ showers during day.
3	73	80	41°5	45°1	38°9	45°5	211	236	81	79	Calm	0	S	4	7	8	350	Fine. Upper clouds stationary p. Large
4	86	87	43°4	48°0	42°9	51°9	251	285	89	86	S	9	SW	5	10	10	1°710	☁ all day. ☁ (mist) p.
5	50	08	51°2	46°6	45°8	51°6	302	237	80	75	W	8	W	4	7	6	350	☁ a. ☁ showers all day.
6	15	52	46°1	43°1	40°9	47°9	226	216	73	78	SW	3	Calm	0	4	10	580	
7	78	87	42°9	42°1	39°1	54°1	267	187	97	70	SW	1	W	3	10	6	1°470	☁ all day.
8	31	75	47°0	52°5	39°1	53°1	275	354	86	90	SSW	6	SSW	4	10	10	2°550	☁ (strong gale) during day.
9	29°84	30°08	49°9	47°0	44°0	53°9	246	235	69	74	W	6	W	6	6	4	260	a. and p. Upper clouds from N.
10	30°39	25	41°4	48°9	40°0	50°4	216	271	83	78	Calm	0	E	6	5	10	—	Bar. rose very quickly before ga.
11	16	13	54°5	52°1	48°6	54°8	352	347	83	89	S	3	E	2	10	10	1°630	Dull and gloomy.
12	01	17	51°0	49°0	45°9	52°7	331	274	88	78	E	3	W	2	10	2	200	☁ till 7.30p.
13	44	57	36°8	37°2	35°9	49°0	204	218	94	98	Calm	0	Calm	0	3	0	—	Fine all day. Clouds from W.
14	60	49	38°1	41°1	33°5	43°4	198	216	86	84	E	1	Calm	0	0	2	—	a. Fine all day.
15	46	41	39°9	41°0	33°5	45°2	188	182	7	71	E	3	E	3	4	10	—	Fine and frosty all day till 7p.
16	37	31	41°0	37°5	36°5	42°6	197	197	77	88	E	2	Calm	0	10	10	—	Cold and cloudy all day.
17	42	51	38°0	38°8	33°1	45°1	208	211	91	90	Calm	0	Calm	0	10	5	—	
18	63	71	38°0	38°8	34°5	42°9	183	177	80	84	Calm	0	Calm	0	4	3	—	Fine all day.
19	70	54	42°6	43°0	45°2	45°2	251	239	92	83	N	2	Calm	0	9	9	0°70	[Red 50° round sun 3p. < 8p.
20	22	15	44°3	39°8	38°9	48°7	245	191	84	78	N	1	NW	3	5	4	0°60	☁ showers all day. ☁ (gale) till 5p.
21	26	30	37°8	33°0	32°0	48°9	194	171	86	91	N	1	Calm	0	2	1	0°10	☁ a. Day clear and fine.
22	23	19	42°0	42°1	31°0	45°0	243	244	91	91	Calm	0	W	1	6	5	0°30	☁ (mist) ga.
23	20	17	37°8	31°4	30°7	42°9	190	144	84	81	N	1	Calm	0	3	1	—	Fine and cold. ☁ 9p.
24	22	18	31°7	38°0	27°7	43°0	160	218	90	96	Calm	0	Calm	0	9	10	300	a. ☁ 10a.
25	21	26	43°4	40°8	37°9	44°2	245	219	87	87	WNW	1	Calm	0	8	10	130	Fine all day. Snow on the hills.
26	30°22	30°13	44°5	44°7	40°5	48°9	243	283	83	82	WNW	2	W	4	9	10	780	☁ (mist) ga. Gloomy. ☁ showers.
27	29°73	29°65	50°1	48°9	43°1	50°6	321	219	89	74	W	10	W	4	10	7	560	☁ (mist) ga. ☁ till 4p. ☁ (gale).
28	66	75	39°6	36°5	34°9	45°6	229	179	94	83	NW	1	NW	1	2	8	—	a. Small ☁ p. [till after 3p.
29	88	94	33°9	28°3	27°2	37°4	175	129	89	84	N	2	Calm	0	9	1	—	☁ showers.
30	29°79	29°85	35°8	36°3	27°5	36°9	208	219	99	99	SE	3	E	2	9	9	—	☁ ga. Dark all day.
Means	30°047	30°069	42°5	41°9	37°3	47°4	238	225	86°1	83°5	2°3		1°8	7°0	6°5	11°900		



## ROTHESAY.

Height above Mean Sea Level, 115 feet. Long. 5° 4' W. Lat. 55° 50' N.

NOVEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	51.2	46.1	45.3	55.0	ins.	ins.	97	93	WNW	Calm	—	—	ins.	Dull, with ☉.
2	29.75	29.84	51.2	46.1	45.3	55.0	29.75	29.84	97	93	WNW	Calm	—	—	29.75	Dull and damp.
3	29.76	29.88	42.1	43.1	40.1	46.9	29.76	29.88	90	78	NW	W	—	—	29.76	Cloudy. ☉ showers.
4	29.91	29.93	42.1	45.1	38.1	52.1	29.91	29.93	88	85	WSW	SE	—	—	29.91	Dull, with ☉.
5	29.63	29.71	43.7	50.0	41.6	52.4	29.63	29.71	92	69	SE	SW	—	—	29.63	☉ showers.
6	29.30	29.62	49.6	45.6	44.6	51.4	29.30	29.62	87	82	SSW	WSW	—	—	29.30	☉ showers.
7	29.87	29.88	44.1	43.1	42.1	47.9	29.87	29.88	89	89	SW	S	—	—	29.87	Dull and blowy. ☉ showers.
8	29.84	29.84	53.0	41.1	38.6	53.4	29.84	29.84	96	71	S	NW	—	—	29.84	Dull, with ☉.
9	29.92	29.82	44.9	50.0	40.1	50.7	29.92	29.82	93	94	S	SW	—	—	29.92	☉ showers.
10	29.91	29.91	50.0	48.0	45.6	53.9	29.91	29.91	80	77	SW	SW	—	—	29.91	Fine and clear.
11	30.43	30.37	43.1	47.5	41.1	51.9	30.43	30.37	93	84	S	E	—	—	30.43	Dull and blowy.
12	30.24	30.22	51.0	50.0	47.1	51.9	30.24	30.22	89	90	S	S	—	—	30.24	Dull, with ☉.
13	30.08	30.21	48.0	44.3	43.1	50.9	30.08	30.21	94	96	S	NW	—	—	30.08	Fine and clear.
14	30.47	30.60	37.1	36.2	35.5	50.2	30.47	30.60	94	94	Calm	Calm	—	—	30.47	Fine and clear.
15	30.62	30.50	37.3	41.6	33.2	45.0	30.62	30.50	90	92	NE	ESE	—	—	30.62	Fine day.
16	30.49	30.44	36.8	39.1	35.2	43.6	30.49	30.44	84	78	E	E	—	—	30.49	Fine day.
17	30.39	30.35	38.9	34.0	33.7	41.0	30.39	30.35	75	89	NE	Calm	—	—	30.39	Fine day.
18	30.41	30.49	32.0	30.0	31.2	45.3	30.41	30.49	87	81	NE	Calm	—	—	30.41	Fine and clear.
19	30.59	30.69	34.0	33.5	31.5	46.5	30.59	30.69	77	75	NW	Calm	—	—	30.59	☉ (fierce blasts).
20	30.70	30.55	36.6	41.6	30.2	46.5	30.70	30.55	90	82	NNW	WNW	—	—	30.70	☉ (fierce blasts).
21	30.18	30.12	44.6	36.3	35.7	46.9	30.18	30.12	79	76	NW	NW	—	—	30.18	☉ (fierce blasts).
22	30.22	30.30	42.9	33.3	32.2	47.9	30.22	30.30	68	79	NNE	N	—	—	30.22	☉ (fierce blasts).
23	30.24	30.21	37.1	41.1	30.4	47.4	30.24	30.21	95	89	NW	NW	—	—	30.24	☉ (fierce blasts).
24	30.16	30.16	37.1	31.0	31.0	45.3	30.16	30.16	81	70	NW	NW	—	—	30.16	☉ (fierce blasts).
25	30.21	30.22	29.5	35.0	28.2	44.0	30.21	30.22	70	100	SE	Calm	—	—	30.21	☉ (fierce blasts).
26	30.23	30.28	41.1	39.1	35.0	47.9	30.23	30.28	84	84	NW	N	—	—	30.23	☉ (fierce blasts).
27	30.27	30.17	42.6	46.1	37.1	46.9	30.27	30.17	86	86	NW	W	—	—	30.27	☉ (fierce blasts).
28	29.86	29.73	48.0	43.1	41.1	49.9	29.86	29.73	94	71	SW	W	—	—	29.86	☉ (fierce blasts).
29	29.69	29.78	35.0	35.0	35.0	44.0	29.69	29.78	100	72	WNW	NW	—	—	29.69	☉ (fierce blasts).
30	29.84	29.60	32.0	28.0	28.0	38.5	29.84	29.60	75	80	NW	NW	—	—	29.84	☉ (fierce blasts).
Means	30.086	30.115	41.3	40.6	36.6	47.7	30.086	30.115	88.0	83.2	—	—	—	—	30.086	☉ (fierce blasts).

## PINMORE.

Height above Mean Sea Level, 187 feet. Long. 4° 49' W. Lat. 55° 12' N.







NOVEMBER 1884.

1	29.81	29.83	53.9	48.5	48.5	54.1	29.81	29.83	91	98	S	6	S	0.5	—	29.81
2	29.72	29.95	43.2	41.2	41.2	48.8	29.72	29.95	96	77	S	0.5	W	3	—	29.72
3	29.97	29.98	44.0	44.0	34.3	48.0	29.97	29.98	83	82	N	3	SE	4	—	29.97
4	29.68	29.49	44.4	50.3	42.9	52.6	29.68	29.49	93	82	SE	4	S	4	—	29.68
5	29.43	29.71	49.8	46.9	46.9	51.1	29.43	29.71	86	79	W	4	W	4	—	29.43
6	29.00	29.89	43.8	42.8	41.9	49.6	29.00	29.89	87	88	SW	3	SE	3	—	29.00
7	29.44	29.91	53.9	44.1	41.9	55.1	29.44	29.91	85	73	S	6	NW	4	—	29.44
8	29.01	29.94	45.4	50.8	39.4	51.1	29.01	29.94	90	85	SW	4	SW	6	—	29.01
9	29.98	30.28	48.9	43.5	43.5	52.1	29.98	30.28	78	85	W	3	NW	2	—	29.98
10	30.48	30.41	39.1	48.0	36.5	51.6	30.48	30.41	94	88	S	0.5	S	4	—	30.48
11	30.31	30.27	49.8	48.4	47.2	49.8	30.31	30.27	85	88	S	4	SE	6	—	30.31
12	30.15	30.25	45.9	41.8	41.8	48.4	30.15	30.25	95	96	SE	4	SE	0.5	—	30.15
13	30.50	30.61	31.6	29.4	29.4	50.2	30.50	30.61	100	100	SE	0.5	N	0.5	—	30.50
14	30.63	30.50	24.9	42.8	24.5	48.0	30.63	30.50	100	85	N	0.5	NE	3	—	30.63
15	30.40	30.46	34.5	36.1	34.0	44.3	30.40	30.46	99	89	E	3	E	0.5	—	30.40
16	30.42	30.50	34.8	34.8	22.5	42.3	30.42	30.50	90	93	E	0.5	E	0.5	—	30.42
17	30.60	30.69	34.3	32.7	29.5	42.8	30.60	30.69	81	89	NE	2	NE	0.5	—	30.60
18	30.73	30.59	24.4	41.3	22.0	45.7	30.73	30.59	86	86	N	0.5	N	0.5	—	30.73
19	30.22	30.13	46.0	39.6	39.6	47.5	30.22	30.13	75	81	N	4	N	4	—	30.22
20	30.22	30.34	37.0	25.9	25.9	44.7	30.22	30.34	100	100	E	3	N	0.5	—	30.22
21	30.29	30.21	23.2	41.0	20.5	43.8	30.29	30.21	100	90	N	0.5	N	3	—	30.29
22	30.22	30.18	30.7	32.9	27.0	42.3	30.22	30.18	99	97	N	1	N	0.5	—	30.22
23	30.25	30.27	20.4	30.2	20.4	39.8	30.25	30.27	71	90	N	0.5	NE	0.5	—	30.25
24	30.25	30.30	37.2	33.4	30.0	44.7	30.25	30.30	90	99	N	0.5	N	0.5	—	30.25
25	30.30	30.33	43.8	45.9	30.5	46.2	30.30	30.33	84	85	NE	4	NW	4	—	30.30
26	30.97	30.73	45.9	43.8	43.4	49.2	30.97	30.73	85	71	N	4	NW	4	—	30.97
27	30.74	30.83	38.2	31.9	30.5	44.3	30.74	30.83	91	100	NE	3	N	0.5	—	30.74
28	30.88	30.04	27.6	21.4	21.4	41.8	30.88	30.04	100	72	N	0.5	N	0.5	—	30.88
29	30.84	30.87	33.4	32.4	20.5	36.7	30.84	30.87	99	95	SE	0.5	SE	0.5	—	30.84
Means	30.127	30.151	38.9	39.2	33.6	47.0	30.127	30.151	89.3	87.8	2.4	2.2	—	—	30.127	☉ (fierce blasts).

## SCALEBY (NEAR CARLISLE).

Height above Mean Sea Level, 111 feet. Long. 2° 52' W. Lat. 54° 58' N.

NOVEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	53.7	52.0	51.0	57.5	ins.	ins.	83	90	S	7	S	3	5	8	ins.	Squally  ga. and before.		
2	29.86	29.83	53.7	52.0	51.0	57.5	29.86	29.83	83	90	S	7	S	3	5	8	29.86			
3	29.74	29.93	44.5	39.7	39.7	55.0	29.74	29.93	92	87	SW	5	SW	3	10	4	29.74			
4	29.97	30.02	42.7	42.5	34.0	51.2	29.97	30.02	89	89	SW	4	SW	2	10	10	29.97			
5	29.77	29.33	41.8	50.3	41.0	51.0	29.77	29.33	83	85	SE	2	SW	4	10	10	29.77			
6	29.48	29.67	50.5	47.5	47.0	53.5	29.48	29.67	81	87	SW	8	SW	8	7	10	29.48			
7	29.92	29.88	44.5	44.0	40.5	51.0	29.92	29.88	86	89	SW	3	E	2	4	10	29.92	Squally  ga. and before.		
8	29.50	29.82	56.3	40.5	40.5	58.5	29.50	29.82	77	79	SE	4	SW	4	8	1	29.50			
9	30.04	29.94	48.5	51.5	38.0	58.0	30.04	29.94	86	84	SW	6	SW	8	10	10	30.04		Squally  p. Squally  ga. and before.	
10	30.05	30.26	53.5	44.7	44.7	55.0	30.05	30.26	86	84	SW	8	SW	2	10	0	30.05			
11	30.47	30.43	42.5	42.5	37.8	52.0	30.47	30.43	91	79	SE	1	SE	6	6	0	30.47			
12	30.33	30.29	47.0	44.0	40.2	52.8	30.33	30.29	82	81	SE	5	NE	3	0	0	30.33			
13	30.17	30.20	43.3	45.5	37.0	46.0	30.17	30.20	87	95	S	4	S	2	10	10	30.17			
14	30.42	30.57	40.5	34.5	34.5	46.0	30.42	30.57	99	100	N	1	Calm	0	10	0	30.42			
15	30.59	30.51	39.5	37.5	32.0	45.5	30.59	30.51	97	88	NE	1	E	1	10	0	30.59			
16	30.50	30.44	33.5	35.5	31.5	44.0	30.50	30.44	91	92	NE	1	E	1	0	10	30.50			
17	30.37	30.31	37.5	37.5	35.0	41.0	30.37	30.31	92	92	E	1	Calm	0	10	10	30.37		Overcast all day.	
18	30.36	30.42	35.0	37.5	33.5	41.8	30.36	30.42	86	100	E	1	NE	2	9	5	30.36			
19	30.50	30.61	39.3	35.0	31.0	41.5	30.50	30.61	87	95	NE	4	E	3	10	8	30.50			
20	30.65	30.56	34.0	29.5	25.5	44.1	30.65	30.56	93	94	E	2	NE	2	5	0	30.65			
21	30.16	29.98	43.0	36.5	27.0	43.0	30.16	29.98	82	80	SW	5	N	4	5	5	30.16			
22	30.07	30.24	35.5	33.6	33.6	43.5	30.07	30.24	94	100	NW	2	Calm	0	3	2	30.07	Overcast all day.		
23	30.19	30.18	28.5	35.5	26.0	38.5	30.19	30.18	93	92	Calm	0	Calm	0	10	10	30.19			
24	30.19	30.13	26.0	28.7	21.9	37.0	30.19	30.13	90	89	Calm	0	E	1	2	10	30.19			
25	30.15	30.23	28.5	35.5	25.5	38.5	30.15	30.23	84	84	Calm	0	Calm	0	10	10	30.15		Overcast all day.	
26	30.19	30.25	32.5	26.5	26.5	38.0	30.19	30.25	90	100	Calm	0	E	1	10	10	30.19			Overcast all day. 
27	30.21	30.16	36.5	43.0	26.2	44.0	30.21	30.16	100	95	W	1	SW	4	10	10	30.21			
28	30.89	29.68	44.5	42.0	41.8	47.0	30.89	29.68	90	81	W	6	W	6	10	6	30.89	Squally a.		
29	30.63	30.76	39.5	29.5	29.5	43.0	30.63	30.76	81	85	W	3	Calm	0	8	5	30.63			
30	30.83	30.99	22.5	24.5	22.0	35.5	30.83	30.99	76	100	E	1	Calm	0	0	0	30.83			
31	30.89	30.85	31.5	32.5	21.6	35.0	30.89	30.85	88	90	E	2	E	4	10	10	30.89			
Means	30.100	30.116	39.9	38.5	34.0	46.3	30.222	30.213	87.5	89.4	2.9	2.5	7.5	5.9	1.250					



## CRONKBORNE (DOUGLAS), ISLE OF MAN.

Height above Mean Sea Level, 137 feet. Long. 4° 29' W. Lat. 54° 10' N.

NOVEMBER 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative 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.	54.4	53.5	50.2	55.7	in.	in.	97	97	SSW 6	SSW 4-5	10	9	ins.	Squally $\nearrow$ a. $\searrow$ (mist) a. and p.	
2	29.85	29.79	54.4	53.5	50.2	55.7	2.409	2.396	96	97	WNW 3	W 1	10	2	—	Overcast. $\searrow$ p.	
3	29.81	29.75	44.7	40.0	39.0	53.9	2.281	2.226	95	92	WSW 4	SSE 5	3	10	34.0	— a. Fine day. Squally $\nearrow$ p.	
4	29.78	29.72	46.7	48.4	38.8	50.3	2.288	2.303	91	90	SSE 6	SW 6-7	10	7	65.7	Squally $\nearrow$ a. $\searrow$ a. and p. $\searrow$ p.	
5	29.75	29.69	47.9	51.6	47.8	53.9	2.328	2.343	99	90	SW 7-8	W 3	8	4	—	Squally $\nearrow$ a.	
6	29.73	29.67	48.0	47.9	52.9	52.9	2.349	2.309	91	93	WSW 2	E 7-8	1	10	100.1	Squally $\nearrow$ a. $\searrow$ p. $\searrow$ (mist) op.	
7	29.72	29.66	46.2	44.9	41.5	50.2	2.272	2.298	88	100	S 6-7	WNW 2-3	10	0	00.6	Squally $\nearrow$ a. and p.	
8	29.71	29.65	54.1	43.1	43.1	54.5	2.399	2.250	95	89	SW 6	SSW 9-10	10	10	04.4	Squally $\nearrow$ a. and p. $\searrow$ (mist) p.	
9	30.07	29.97	50.3	52.6	40.4	52.6	2.306	2.345	84	87	WSW 4	W 2	7	1	—	Fine day. $\searrow$ op.	
10	30.30	30.30	52.8	45.7	45.3	53.8	2.361	2.270	90	89	N 1	SE 3-4	2	10	—	— a. $\searrow$ (mist) a. and p. Fine day.	
11	30.37	30.37	43.0	51.0	37.6	54.5	2.266	2.353	96	94	SSE 3	SSE 3	10	10	00.5	Overcast, with $\searrow$ (mist).	
12	30.33	30.25	51.8	50.3	49.8	52.3	2.361	2.357	93	98	SSE 3	W 1	10	10	46.7	Overcast, with $\searrow$ (mist). $\searrow$ p.	
13	30.27	30.22	49.4	48.6	48.3	51.7	2.337	2.332	96	97	SSE 3	NE 2	0	2	00.3	— a. $\searrow$ (mist) a. and p. Fine day.	
14	30.24	30.18	45.6	43.9	38.4	50.7	2.269	2.266	88	93	Calms	ESE 7-8	2	6	—	— a. Fine morning. Dull afternoon.	
15	30.21	30.15	40.8	44.7	36.4	49.3	2.241	2.257	96	87	ESE 4	SE 2	9	10	—	[Squally $\nearrow$ $\searrow$ (mist).	
16	30.19	30.13	41.8	43.3	41.1	44.7	2.231	2.252	88	90	ESE 3	NE 2	10	10	—	Overcast day. $\searrow$ (mist) p.	
17	30.17	30.11	41.9	42.7	40.2	43.3	2.234	2.248	89	90	E 2	NNE 3	10	10	—	Overcast all day.	
18	30.15	30.09	43.6	43.1	38.8	43.9	2.244	2.252	86	90	E 2	N 3	1	7	—	Overcast day. $\searrow$ (mist) op.	
19	30.13	30.07	41.7	40.2	38.8	44.2	2.228	2.224	87	90	N 2	N 3	1	7	—	Fine day.	
20	30.11	30.05	39.7	44.0	33.8	46.2	2.218	2.248	89	86	NW 3-4	NNW 3-4	7	4	00.3	Fine day.	
21	30.09	30.03	45.0	40.0	39.6	49.5	2.282	2.220	94	90	W 4	N 3	10	1	—	Squally $\nearrow$ (gale) p. $\searrow$ p.	
22	30.07	30.01	42.7	37.2	35.3	46.2	2.246	2.210	89	94	E 4	NNE 1	3	3	—	Squally $\nearrow$ a. Fine day. $\searrow$ p.	
23	30.05	30.00	34.8	34.2	29.2	46.3	2.182	2.192	90	97	NW 1	N 1	2	3	06.3	— a. Fine day. $\searrow$ p.	
24	30.03	30.00	30.8	39.0	34.2	43.0	2.236	2.234	97	98	Calms	Calms	0	9	01.8	Overcast. $\searrow$ (mist) p.	
25	30.01	30.00	34.8	31.6	30.7	40.0	2.186	2.164	92	92	NW 2	Calms	0	3	13.8	— a. and p. Overcast till 1 p., then fine.	
26	30.00	30.00	42.5	37.3	30.9	46.7	2.251	2.216	92	97	NNW 3	NW 1	3	3	15.8	Dull day. $\searrow$ op.	
27	30.00	30.00	44.8	45.2	36.7	46.5	2.271	2.273	92	91	WNW 5-6	WNW 4-5	5	8	—	Squally $\nearrow$ a.	
28	30.00	30.00	46.4	44.2	42.2	48.0	2.280	2.246	92	85	WSW 4	WNW 8	10	6	06.0	Squally $\nearrow$ , with $\searrow$ showers p.	
29	30.00	30.00	40.8	32.7	32.7	44.2	2.233	2.183	92	98	WNW 4	Calms	0	3	10	31.0	$\searrow$ showers. $\searrow$ (mist) p.
30	30.00	30.00	34.6	28.0	27.5	38.6	2.185	2.122	92	80	NW 1	Calms	0	3	1	20.9	$\searrow$ showers a. Fine day. $\searrow$ p.
Means	30.109	30.121	44.4	42.9	38.8	48.3	2.273	2.261	91.8	92.0	3.3	5.1	6.4	6.3	4.600	Snow on mountains. $\searrow$ (mist) a. [and p. $\searrow$ till 3 p.]	

## STONYHURST.

Height above Mean Sea Level, 375 feet. Long. 2° 28' W. Lat. 53° 51' N.

NOVEMBER 1884.

1	29.99	29.90	52.7	52.0	49.1	57.3	2.334	2.349	84	87	S 4	S 3	8	10	03.5	
2	29.77	29.69	47.0	41.7	41.4	56.8	2.287	2.239	90	91	W 3	Calms	0	10	06.5	U op.
3	30.06	30.08	42.0	41.0	36.1	48.9	2.225	2.210	85	82	W 1	Calms	0	5	10	01.0
4	29.84	29.48	44.2	51.1	39.3	52.2	2.263	2.343	91	91	SE 3	SSW 6	10	10	46.5	
5	29.66	29.81	49.5	47.7	46.4	54.7	2.270	2.267	77	81	SW 3	W 2	9	9	—	
6	29.99	29.87	44.6	47.2	41.8	53.7	2.238	2.298	88	93	W 1	ESE 1	10	10	14.0	
7	29.63	29.96	54.2	42.9	34.0	56.2	2.369	2.234	88	84	S 5	W 2	8	10	17.0	△ 8.40p.
8	30.19	30.11	42.1	49.2	38.7	52.0	2.226	2.278	85	78	S 2	SW 4	7	8	—	△ before 92.
9	30.10	30.03	50.9	43.9	42.8	53.5	2.335	2.249	90	87	SW 3	Calms	0	10	7	—
10	30.04	30.00	41.0	42.2	37.6	49.1	2.239	2.207	94	78	Calms	Calms	0	0	—	— in past n.
11	30.03	30.00	46.4	41.6	40.4	50.8	2.257	2.231	82	89	SE 1	Calms	0	10	0	—
12	30.02	30.00	41.3	45.6	38.7	49.5	2.236	2.291	92	95	SE 1	Calms	0	10	10	05.0
13	30.01	30.00	41.2	42.1	39.6	49.4	2.253	2.232	97	87	Calms	Calms	0	0	0	Overcast all day.
14	30.00	30.00	44.6	38.4	37.7	48.8	2.258	2.186	88	81	NE 1	E 1	10	0	0	—
15	30.00	30.00	39.2	39.3	34.9	46.5	2.179	2.188	75	79	E 1	SE 1	7	10	—	—
16	30.00	30.00	39.5	39.6	34.1	45.6	2.200	2.211	82	87	Calms	Calms	0	10	10	Overcast and gloomy all day.
17	30.00	30.00	38.4	39.0	34.4	44.3	2.172	2.197	75	83	NNE 1	N 1	10	9	—	—
18	30.00	30.00	40.9	39.6	37.8	43.3	2.181	2.192	71	78	NNW 2	NW 1	9	10	—	—
19	30.00	30.00	38.6	37.2	44.0	—	2.194	2.175	82	75	Calms	NW 1	8	1	—	—
20	30.00	30.00	42.0	38.0	30.3	48.8	2.211	2.212	79	93	WSW 2	NW 5	10	0	02.0	—
21	30.00	30.00	39.9	35.2	33.9	45.6	2.175	2.161	71	78	NE 2	Calms	0	10	7	— in past n.
22	30.00	30.00	33.4	40.9	32.0	43.1	2.163	2.175	85	69	Calms	NW 1	0	0	0	— in past n.
23	30.00	30.00	32.3	29.8	28.7	48.4	2.135	2.121	74	73	Calms	Calms	0	2	—	— in past n.
24	30.00	30.00	31.1	30.0	27.9	42.8	2.156	2.116	85	69	NNE 1	Calms	0	9	0	00.9
25	30.00	30.00	33.9	32.5	27.3	42.8	2.157	2.175	80	94	Calms	Calms	0	10	6	02.0
26	30.00	30.00	39.4	44.1	28.1	48.4	2.206	2.269	86	93	SW 1	W 2	8	10	05.0	* early a.
27	30.01	30.01	44.9	43.9	43.6	48.4	2.259	2.229	87	79	W 4	WNW 5	10	10	44.0	— in past n.
28	30.00	30.00	39.3	35.0	33.8	44.5	2.215	2.169	90	82	NW 2	Calms	0	10	6	04.0
29	30.00	30.00	32.5	28.0	27.7	45.0	2.118	2.122	65	80	Calms	Calms	0	0	0	—
30	30.00	30.00	30.9	33.0	24.4	44.5	2.130	2.167	74	88	Calms	E 1	10	10	16.8	— in past n. Fine day.
Means	30.151	30.155	41.3	40.5	36.0	48.7	2.222	2.216	83.1	83.5	1.5	1.2	7.6	6.2	1.682	* during day. Overcast day.

NOVEMBER 1884.

## WAKEFIELD.

Height above Mean Sea Level, 96 feet. Long. 1° 30' W. Lat. 53° 41' N.

NOVEMBER 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative 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.	52.4	53.6	50.3	59.4	in.	in.	94	93	S 2	E 4	10	10	—	Dull day.
2	30.03	29.93	52.4	53.6	50.3	59.4	2.309	2.382	94	93	SSW 3	W 3	8	10	06.0	—
3	29.76	29.68	57.2	43.8	43.1	57.6	2.434	2.284	93	99	SSW 3	SW 2	3	0	0	—
4	30.06	30.08	39.4	31.7	31.7	49.5	2.215	2.179	90	100	SW 2	SW 2	0	0	0	—
5	29.88	29.82	38.8	53.8	31.2	54.6	2.234	2.379	99	91	SW 2	SSW 7	10	10	24.0	Overcast and gloomy. $\searrow$ p.
6	29.87	29.81	47.8	47.8	44.1	55.7	2.317	2.393	84	85	SW 6	SW 4	6	5	01.0	Fine day. Double $\searrow$ 9.20 a.
7	29.99	29.90	45.0	46.4	44.1	49.8	2.265	2.313	89	99	SW 2	S 2	10	10	07.0	U 6 a. Dull and gloomy.
8	29.67	29.61	56.7	43.8	43.8	59.6	2.409	2.252	89	88	SE 2	W 4	2	3	16.0	Fine day.
9	30.21	30.12	46.8	51.0	40.4	52.8	2.270	2.312	85	84	SW 4	SW 6	6	10	—	Fine till



## BUXTON.

Height above Mean Sea Level, 987 feet. Long. 1° 54' W. Lat. 53° 14' N.

NOVEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative 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.		
1	ins.	ins.	50.3	49.6	47.4	53.5	ins.	ins.	92	93	SW 2	SW 1	9	9	ins.
2	30.04	29.94	50.3	49.6	47.4	53.5	32.8	32.9	92	93	SW 2	SW 1	10	8	2.80
3	29.80	29.97	53.1	39.9	38.9	53.2	37.0	23.0	91	94	S 2	W 1	10	8	2.80
4	30.06	30.12	38.6	30.4	29.6	46.1	18.5	17.0	79	100	W 1	Calm	0	0	0.30
5	29.87	29.60	40.9	39.4	28.8	50.9	24.5	21.1	96	88	S 2	S 2	10	10	0.30
6	29.72	28.4	48.4	46.4	39.4	51.7	27.0	23.7	80	76	W 4	W 2	8	7	0.10
7	30.00	29.91	47.4	44.9	40.9	49.9	27.9	29.0	86	98	SW 1	SW 1	6	10	0.80
8	29.66	29.91	52.6	40.0	40.0	54.2	35.1	20.6	88	96	S 2	SW 3	6	6	2.00
9	30.21	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
10	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
11	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
12	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
13	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
14	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
15	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
16	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
17	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
18	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
19	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
20	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
21	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
22	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
23	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
24	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
25	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
26	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
27	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
28	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
29	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
30	30.14	30.14	38.0	47.1	35.8	50.0	28.8	25.0	96	77	SW 3	SW 4	6	10	0.50
Means	30.157	30.166	40.4	37.3	32.2	43.9	22.4	20.7	86.9	91.5	1.6	1.4	6.6	6.3	2.740

## HILLINGTON, NORFOLK.

Height above Mean Sea Level, 88 feet. Long. 0° 33' E. Lat. 52° 48' N.

NOVEMBER 1884.

1	30.14	30.08	48.8	49.9	45.1	50.6	32.7	34.4	95	96	SW 5	S 2	10	8	0.04	Overcast and mild.
2	30.00	29.95	54.1	43.8	43.8	54.8	37.8	28.4	90	99	S 4	NW 1	10	10	1.50	[sunny. 1.9p]
3	30.07	30.13	39.4	31.1	30.7	49.6	23.3	17.0	97	98	SW 0.5	SE 0.5	0	8	0.07	(mist) early a. Day very fine and
4	29.94	29.74	40.8	51.1	30.2	52.2	20.6	35.2	93	93	SE 1	S 6	10	10	0.50	Overcast all day. 1.9p.
5	29.81	29.90	51.7	49.8	49.5	57.3	33.0	34.8	86	97	SW 5	SW 1	5	10	2.50	2 from 6p.
6	30.08	29.99	47.4	50.3	42.2	52.0	32.8	30.5	100	100	SE 1	SE 1	8	10	—	Overcast all day. (mist).
7	29.87	29.95	52.8	44.9	44.6	59.2	36.9	27.2	92	92	S 3	SW 4	0	0	1.08	Day very fine and sunny. 0 in
8	30.30	30.25	40.4	45.2	31.9	50.9	23.4	28.4	94	95	SW 1	SW 2	2	0	—	Very fine and sunny a. [evening.]
9	30.22	30.33	40.6	50.2	44.1	54.1	30.1	35.3	85	98	SW 3	SW 0.5	10	10	0.03	1.9p.
10	30.55	30.54	36.6	37.7	32.2	51.3	21.5	22.6	99	100	S 0.5	SSE 0.5	10	0	0.02	(mist) a. Day fine and
11	30.46	30.40	43.4	44.7	32.1	47.4	28.1	27.2	100	92	SE 1	SSE 1	5	10	0.10	[sunny. 1.9p.]
12	30.31	30.29	44.9	42.1	40.8	47.8	26.7	24.4	90	91	SW 1	SW 1	10	10	—	1.9p.
13	30.36	30.45	43.5	44.8	41.7	46.6	26.5	20.7	94	100	S 0.5	N 0.5	10	10	0.10	Overcast all day.
14	30.54	30.52	39.8	32.8	32.2	46.2	22.3	16.8	92	91	SE 1	E 0.5	7	0	—	1.9p.
15	30.51	30.44	39.9	40.2	32.1	41.3	22.1	23.4	91	94	SE 0.5	SE 2	10	10	—	Overcast all day.
16	30.38	30.31	39.2	35.6	34.2	41.4	20.6	18.8	86	91	SE 0.5	SE 0.5	10	10	0.10	Overcast all day.
17	30.28	30.26	41.0	41.1	33.3	44.5	22.5	24.7	88	96	N 0.5	N 0.5	10	10	2.07	2.6p.
18	30.28	30.39	42.7	37.5	35.3	45.5	23.5	20.8	85	93	NNE 1	NE 1	7	9	1.20	2.4.30p.
19	30.46	30.42	41.3	41.5	37.0	46.2	20.7	26.0	80	99	N 1	NW 2	3	10	0.50	9p.
20	30.13	29.80	39.1	37.2	36.5	44.3	21.1	19.0	89	85	NW 2	N 4	10	2	1.10	Co'd, with 0 showers.
21	29.81	29.09	41.5	38.6	34.1	43.4	23.1	17.4	89	75	NE 5	NE 3	9	4	0.15	Cold and blustering a.
22	30.12	30.05	36.1	38.4	35.6	42.7	20.4	21.6	96	93	NW 1	NW 2	6	2	0.31	
23	30.10	30.11	37.0	28.2	28.2	42.2	20.6	15.1	94	98	N 2	SW 1	7	0	0.10	Wind NW. at Noon. 1.9p.
24	30.10	30.17	28.0	34.5	22.4	39.5	15.0	18.7	98	94	SW 0.5	NW 1	5	7	0.30	2 ga. (mist). [later.]
25	30.23	30.21	25.7	32.1	24.9	35.1	13.2	17.4	95	96	S 0.5	S 1	0	9	0.13	2 (mist) a. (mist) p.
26	30.22	30.19	30.6	37.7	28.0	39.7	14.8	21.0	87	93	SW 1	SW 1	10	10	0.06	2 (mist) a. Wind W. 11a.
27	29.93	29.78	43.2	45.2	37.2	46.6	25.0	26.6	89	89	W 5	NW 6	10	3	—	
28	29.70	29.70	39.1	35.6	35.6	46.3	21.1	20.6	89	99	WNW 3	WNW 1	10	4	1.13	2.7p.
29	29.70	29.70	39.1	35.6	35.6	46.3	21.1	20.6	89	99	WNW 3	WNW 1	10	8	2.40	2 10.45a.—11.30a.
30	30.03	29.93	29.1	32.6	23.1	33.3	15.4	18.5	96	100	SW 1	SW 6	10	10	5.00	(mist) ga. 2.4.30p. 2.6p.
Means	30.154	30.144	40.8	40.2	35.0	46.3	24.0	22.2	91.4	94.6	1.9	1.8	7.5	6.8	2.134	[Snow 4 inches deep.]

## UPPINGHAM.

Height above Mean Sea Level, 484 feet. Long. 0° 44' W. Lat. 52° 35' N.

NOVEMBER 1884.

Day	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	50.9	49.7	46.1	53.3	ins.	ins.	93	93	S by W 3	S 2	10	10	ins.	Gloomy a. Overcast all day. [from 4p.]
2	30.10	30.00	50.9	49.7	46.1	53.3	34.6	33.1	93	93	S 3	N by W 1	9	10	2.48	Very bright 9.30a. Deep gloom p. 4p.
3	29.86	29.97	52.8	41.8	41.8	58.1	36.9	25.1	92	96	WNW 1	Calm	0	2	—	— a. [from 3.30p.] U 0.2 p.
4	30.09	30.12	38.0	36.1	34.8	48.0	19.7	17.6	86	82	SE 1	SSW 6	10	10	1.97	2 0 a. 0 9p.
5	29.92	29.69	42.9	52.2	34.1	52.3	26.5	36.6	96	94	SW 3	sw by w 1	9	10	3.28	2 7p.-9.30p. [gale] n.
6	29.78	28.9	50.1	47.0	45.3	55.1	29.7	31.3	82	97	SSW 1	S by W 2	10	10	0.12	Gloomy a. Scotch 0 9p. [from 6p.]
7	30.02	29.94	45.6	49.8	42.8	50.4	29.1	35.6	95	99	S by W 3	WNW 3	8	0	1.13	Bar. falling 2.30p. Squally 0 2 p.
8	29.77	29.98	50.7	41.7	41.7	57.4	34.8	22.8	94	87	swb.w 1	SW 4	6	7	—	— a. Bright till 2p.
9	30.31	30.23	41.6	44.6	35.1	49.7	22.4	24.8	86	84	swbys 3	Why N 1	7	10	—	Threatening appearance p.
10	30.18	30.33	48.1	48.3	44.1	52.6	28.4	32.2	85	95	Calm	0	7	10	—	2 much eir. 9a. Day sunny. 0 9p.
11	30.54	30.53	42.5	41.6	38.9	51.5	25.4	25.9	94	98	ESE 1	SSE 1	10	10	—	2 a. Day cold and gloomy.
12	30.45	30.37	41.4	41.9	40.4	46.0	25.9	23.7	99	90	S 1	swbys 1	10	10	0.10	0 7p. Day dull and overcast.
13	30.29	30.29	42.7	43.1	39.8	44.5	23.6	25.6	86	92	Calm	0	10	10	0.49	Scotch 0 a. 0 9p. from 5p.
14	30.37	30.46	43.4	44.4	42.5	44.4	27.6	28.5	98	98	E by N 1	ENE 1	4	0	—	2 a. Overcast Noon-7p.
15	30.52	30.52	40.0	35.4	33.1	45.6	22.4	17.9	91	93	E by S 1	E by N 1	10	10	—	Cold dreary day. Overcast and gloomy.
16	30.50	30.44	37.9	37.4	32.8	39.4	19.7	20.2	84	91	SE by E 2	E 1	10	10	—	Gloomy all day.
17	30.32	30.32	38.1	35.8	35.3	38.6	20.5	16.6	80	79	N by E 1	Why N 1	10	2	—	
18	30.31	30.31	36.6	35.6	32.3	41.4	18.8	19.9	87	66	N by W 3	NW 2	9	2	0.31	
19	30.35	30.44	39.1	35.9	34.1	41.7	20.1	19.6	90	93	N by W 1	N 3	1	10	0.20	Bright till 2p., then gloomy, with 0 showers.
20	30.52	30.48	36.8	38.9	34.2	42.9	21.5	21.8	93	93	N by E 1	NNW 3	10	9	0.52	Black cloud from N. 4p. 0 9p.
21	30.18	30.13	36.4	34.4	31.9	43.8	19.1	15.6	83	78	NNE 6	NNW 3	10	9	—	2 (force 9) 3a.-4a.
22	29.87	29.87	39.1	35.0	33.5	40.8	20.4	17.0	85	83	N by W 2	N 4	10	7	—	0 a.
23	30.15	30.12	34.2	37.3	32.6	39.6	18.0	18.8	90	85	NNW 2	N 1	0	0	—	0 a. Day bright and clear. 0 9p.
24	30.14	30.16	34.1	30.8	30.7	40.6	17.3	15.2	87	88	NNW 1	NNW 1	10	0	—	0 a. Sunny p. 0 9p.
25	30.12	30.12	32.9	31.0	30.1	38.1	15.2	15.3	81	87	W 1	NW 2	10	10	0.13	0 a. Overcast p. Bright evening.
26	30.24	30.25	31.7	33.9	27.9	34.5	15.0	19.3	90	99	Why N 3	Why S 2	10	10	—	Dull and threatening a.
27	30.25	30.23	32.9	38.9	28.0	42.3	18.7	21.8	100	93	Why N 4	Why N 3	10	5	0.10	Gloomy from noon, with 0 showers.
28	30.09	29.82	42.8	44.6	38.4	45.4	22.9	25.0	83	85	W by S 2	N by E 2	1	10	—	2 a. Bright till 6p., very cold.
29	29.76	29.76	30.3	28.9	28.4	34.7	13.1	15.7	77	93	S 2	S by E 2	10	10	3.17	2 a. * from 3p.-4 ins. deep at 6p.
30	30.02	29.86	25.5	31.0	23.7	31.9	13.1	17.8	95	99						
Means	30.161	30.156	39.9	39.3	35.6	45.0	22.7	22.6	89.4	91.4	1.9	1.9	7.9	7.0	1.445	



GELDESTON (BECCLES).

Height above Mean Sea Level, 37 feet. Long.  $1^{\circ} 31' \text{ E.}$  Lat.  $52^{\circ} 28' \text{ N.}$

NOVEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	48°	50°	44°	50°	in.	in.	%	%	SSW	3	S	1	10	10	ins.	
2	30°18	30°07	48°0	50°1	44°1	50°1	'307	'307	92	93	SSW	3	S	1	10	10	—	
3	29°06	29°89	51°0	49°2	48°9	57°9	'369	'342	99	98	S	1	NNW	2	10	10	110	
4	30°05	30°13	43°0	33°1	32°8	53°6	'255	'182	92	96	NW	1	Calm	0	4	1	—	
5	29°06	29°83	49°9	51°2	29°5	53°3	'333	'328	93	87	ESE	2	SSW	3	10	8	020	
6	29°87	29°92	52°9	53°0	50°8	59°3	'299	'363	74	90	SW	2	SW	2	4	10	250	
7	30°04	30°01	49°0	51°1	47°8	53°0	'338	'370	97	98	Calm	0	S	1	10	9	020	
8	29°88	29°91	53°6	48°9	43°1	59°0	'363	'299	88	86	S	2	WSW	3	0	4	080	
9	30°33	30°31	42°2	46°0	35°8	51°8	'239	'269	90	87	WSW	1	SW	1	0	1	0	
10	26	34	48°7	50°0	44°0	54°5	'277	'334	81	93	SSW	1	SW	1	8	10	010	
11	53	56	40°1	43°1	38°3	51°3	'246	'276	99	99	Calm	0	E	1	8	1	—	
12	47	39	48°1	47°0	39°0	49°7	'289	'275	86	86	ESE	2	ESE	1	9	10	—	
13	31	31	45°9	45°8	45°0	48°7	'288	'266	94	86	Calm	0	Calm	0	10	10	Overcast all day.	
14	35	42	44°0	44°0	43°0	47°3	'248	'263	86	91	N	1	Calm	0	10	0	090	
15	53	52	42°2	41°9	39°6	44°7	'219	'193	83	73	ESE	2	E	2	8	8	—	
16	51	45	41°8	43°0	40°9	43°0	'204	'219	78	79	ESE	2	ESE	2	10	10	—	
17	38	30	40°1	37°1	36°6	43°0	'174	'185	69	84	E	1	NNE	1	10	9	—	
18	26	23	40°4	39°1	35°6	46°8	'222	'235	89	98	NW	1	NW	1	9	3	090	
19	23	36	43°1	41°0	37°6	47°5	'231	'213	82	83	N	1	NNE	1	9	9	300	
20	43	30°38	40°9	40°0	36°1	45°0	'215	'228	85	93	NNE	1	WNW	1	9	1	060	
21	30°12	29°77	38°2	39°9	37°6	42°9	'204	'205	89	83	W	1	NW	3	8	3	210	
22	29°73	30°04	42°0	39°1	33°7	42°9	'227	'182	88	77	NE	5	NE	4	10	9	060	
23	30°10	02	35°0	40°0	31°1	42°2	'182	'228	89	93	NW	1	NW	2	9	8	170	
24	06	11	38°0	32°5	31°8	46°8	'210	'183	92	99	NW	1	Calm	0	7	0	010	
25	09	15	30°1	34°1	27°0	39°6	'162	'177	97	89	W	1	Calm	0	3	0	020	
26	21	22	27°7	34°6	26°9	38°6	'151	'193	100	96	Calm	0	W	1	0	10	020	
27	20	30°17	32°2	37°0	31°7	38°9	'179	'298	98	90	W	1	WNW	1	10	0	—	
28	30°02	29°76	42°9	45°8	35°9	46°1	'237	'266	86	86	W	2	W	4	8	8	—	
29	29°71	07	40°9	37°3	36°7	45°8	'202	'216	80	97	W	2	W	1	9	6	060	
30	29°67	09	32°9	33°8	31°8	37°3	'162	'186	86	92	WNW	1	NE	1	0	9	160	
30	30°04	29°59	24°1	36°2	23°8	36°3	'130	'150	100	73	Calm	0	S	2	0	10	130	
Means	30°149	30°138	41°6	42°2	37°4	47°2	'239	'245	88°7	89°2			1°3		1°4	7°1	6°2	1°770
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CHEL TENHAM.

Height above Mean Sea Level, 184 feet. Long.  $2^{\circ} 3' W.$  Lat.  $51^{\circ} 54' N.$

NOVEMBER 1884.

1	30°06	29°95	54°3	52°1	49°8	57°0	*378	*375	90	96	S	3	5	10	10	—	Dull day.
2	29°83	30°02	56°8	42°8	42°8	57°0	*410	*375	88	100	W	2	W	1	10	10	580 ☉ <sup>0</sup> 1p.-7p.
3	30°13	30°12	36°0	30°2	30°0	46°6	*202	*166	96	99	Calm	0	Calm	0	1	1	*010 Very fine.
4	29°88	29°67	45°4	56°0	30°2	56°0	*297	*364	98	81	SE	2	SW	7	10	10	*100 Squally ☉ <sup>0</sup> p.
5	29°84	*91	53°3	48°8	47°2	57°0	*324	*340	79	98	SW	5	Calm	0	8	10	*550 ☉ <sup>2</sup> from 1p.
6	30°03	29°88	48°9	54°0	44°5	55°0	*334	*391	97	94	SE	1	S	5	10	10	*060 ☉ <sup>0</sup> a. Fine p. Squally 9p.
7	29°72	30°05	54°9	44°1	40°2	53°2	*406	*258	94	89	S	6	S	1	10	0	*140 Squally ☉ <sup>0</sup> ☉ <sup>2</sup> a.
8	30°33	*25	41°7	50°6	31°3	52°0	*237	*261	90	71	S	1	S	5	1	10	*010 Very fine.
9	*21	*35	51°8	53°0	48°4	55°3	*313	*366	81	91	SW	3	Calm	0	8	10	*010 Beautiful day till 4p., then dull, with
10	*54	*48	35°8	48°0	34°4	53°0	*206	*363	98	91	Calm	0	SW	4	5	2	☉ <sup>0</sup> ☉ <sup>0</sup> a. Very fine.
11	*41	*33	48°6	40°0	35°5	51°3	*303	*231	89	94	SE	3	S	1	6	0	— Fine day.
12	*27	*27	46°3	47°0	39°0	47°8	*251	*302	90	94	S	1	S	1	10	10	*010 Very dull all day.
13	*37	*44	45°4	46°2	44°8	47°8	*304	*304	100	98	NW	1	Calm	0	10	10	*050 ☉ <sup>0</sup> 9a. Dull, with ☉ <sup>0</sup> , all day.
14	*48	*47	44°0	38°7	38°6	46°2	*250	*196	86	84	Calm	0	E	1	3	5	—
15	*45	*40	36°8	36°1	33°3	42°0	*192	*187	88	88	N	1	SE	1	5	2	—
16	*36	*28	32°8	37°8	29°0	42°0	*170	*193	91	85	Calm	0	E	1	9	10	— Dull all day.
17	*31	*34	37°2	37°0	35°4	42°0	*174	*193	78	88	NE	1	Calm	0	9	5	— Dull and cold all day.
18	*42	*48	34°8	38°8	25°2	41°2	*164	*213	80	90	N	1	Calm	0	8	10	*010 Dull day.
19	*57	30°55	37°8	38°0	29°0	43°5	*250	*211	92	92	N	2	Calm	0	10	10	—
20	30°26	29°96	40°0	40°0	34°0	46°2	*225	*194	91	78	W	2	NW	2	9	0	*030 Dull day.
21	29°90	30°14	42°0	35°0	29°5	42°3	*218	*174	82	85	NE	7	N	1	9	0	*05 Squally ☉ <sup>0</sup> 9a. Dull day.
22	30°19	*19	29°0	36°8	28°0	40°2	*156	*192	98	88	Calm	0	N	1	6	10	— ☉ <sup>0</sup> 91. Sunny at times.
23	*19	*16	30°0	36°5	27°6	41°8	*156	*208	93	97	Calm	0	S	1	5	10	*020 Fine and sunny.
24	*12	*20	37°8	25°4	24°4	40°0	*225	*134	99	97	N	1	Calm	0	10	0	*010 Fine day.
25	*26	*29	29°4	29°9	21°3	35°7	*154	*166	95	100	SW	1	N	1	10	1	*010 ☉ <sup>0</sup> all the morning. Dull day.
26	*32	30°30	34°9	43°2	29°4	44°6	*200	*232	99	83	Calm	0	W	1	10	8	*050 ☉ <sup>0</sup> 9a. Fine.
27	30°19	29°92	43°8	47°3	37°1	48°9	*228	*295	79	91	SW	1	NW	4	10	5	*030 ☉ <sup>0</sup> p.
28	29°82	29°79	41°7	28°5	28°5	47°6	*218	*153	84	98	SW	2	NW	1	10	5	*070 ☉ <sup>0</sup> ☉ <sup>0</sup> ☉ <sup>0</sup> a. Very fine day.
29	30°82	30°01	33°6	27°0	29°0	37°6	*193	*143	100	98	W	1	Calm	0	7	0	*010 ☉ <sup>0</sup> all the morning and afternoon. *
30	30°01	29°78	31°2	37°5	20°5	38°0	*166	*218	95	98	S	1	S	2	10	10	*230 ☉ <sup>0</sup> ☉ <sup>0</sup> ☉ <sup>0</sup> a. Very fine day.
Means	30°176	30°165	41°2	40°9	33°9	47°1	*243	*241	90°7	91°2	1°6		1°6	8°0	6°1	1°950	[☉ <sup>0</sup> ☉ <sup>0</sup> in the evening.

CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long.  $4^{\circ} 18' \text{ W.}$  Lat.  $51^{\circ} 52' \text{ N.}$

NOVEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	54°8	55°1	50°2	51°1	in.	in.	%	%	SW 3		10	10	ins.	Dull all day. — a. Fine day. ∞ sp. U 10.30. — all day. Dull, with ☉ showers. Overcast all day. Frequent ☉ shower Squally before 9a. Overcast. T all day. — a. Overcast p. Overcast all day. ☉ from 8p. Overcast all day. Overcast a. Fine day. Overcast all day. Overcast all day. — a. Fine day. Fine day. Frequent ☉ showers. Fine day. ∞ a. ☉ showers p. Dull all day. Dull all day. — a. ☉ showers. ☉ showers. ☉ showers. Δ 9p. ☉ ✕ all day.
2	30°00	29°87	54°8	55°1	50°2	51°1	403	404	93	93	N 1	Calm 0	10	10	170	
3	30°10	30°06	47°9	41°2	45°9	56°5	311	233	94	50	E 1	Calm 0	1	10	140	
4	29°81	29°63	47°5	50°5	47°0	55°5	324	346	99	95	S 1	SW 4	10	10	450	
5	30°	29°51	54°3	48°3	47°8	55°3	338	316	78	94	SW 7	Calm 0	10	7	100	
6	29°	29°78	40°6	55°6	43°9	55°6	313	399	99	90	Calm 0	SW 4	10	10	350	
7	29°67	30°12	50°8	40°0	39°1	57°1	356	242	95	98	W 6	Calm 0	10	0	680	
8	30°27	30°	50°3	50°8	34°5	52°4	280	312	76	84	SW 2	SW 5	5	10	030	
9	29°	29°	51°8	45°5	45°2	54°1	374	293	97	97	SW 3	Calm 0	10	0	090	
10	51	46	38°5	50°8	31°9	51°8	247	348	98	93	Calm 0	E 2	0	10	—	
11	37	29	40°0	48°1	46°2	55°1	297	299	86	89	SE 4	E 4	7	10	—	
12	25	26	48°2	48°9	44°4	50°2	307	321	92	83	SE 1	E 1	10	10	090	
13	40	47	47°9	47°7	47°2	51°4	333	272	93	93	Calm 0	E 1	10	10	—	
14	49	42	47°3	38°0	37°4	52°1	299	308	92	91	NE 1	NE 2	10	0	—	
15	40	39	40°2	35°0	34°7	46°3	213	188	86	91	E 2	NE 1	3	0	—	
16	32	28	35°8	38°8	30°3	41°7	196	203	94	86	E 2	E 1	10	10	—	
17	33	40	37°3	37°0	32°0	39°2	167	181	75	82	E 1	Calm 0	10	0	—	
18	47	55	40°8	41°5	33°5	47°2	208	201	82	78	N 2	N 2	0	0	—	
19	61	30°55	42°5	36°4	35°4	46°2	196	193	73	90	N 3	Calm 0	0	0	010	
20	30°33	29°09	44°0	42°0	35°6	48°2	248	225	80	85	NW 1	N 1	9	7	100	
21	29°06	30°21	44°4	39°8	35°7	45°4	202	169	69	73	N 4	N 4	0	0	—	
22	30°24	24	35°5	39°9	29°8	46°2	171	209	83	96	Calm 0	Calm 0	0	0	030	
23	22	16	39°0	40°0	33°5	46°8	233	226	98	92	E 1	Calm 0	10	10	010	
24	14	25	40°4	31°4	33°3	44°1	230	182	92	92	NW 1	NW 1	10	8	—	
25	31	30	29°0	41°0	26°3	44°3	154	253	96	98	Calm 0	NW 1	8	10	210	
26	37	38	44°6	44°6	40°3	47°0	267	254	91	86	Calm 0	W 1	9	9	020	
27	30°26	30°00	45°0	46°7	41°2	49°4	269	246	90	78	W 1	W 1	10	10	030	
28	29°84	29°83	43°6	40°8	36°2	47°0	239	230	84	91	W 1	W 1	10	10	340	
29	84	30°04	38°5	28°9	28°3	43°5	216	159	92	100	N 1	Calm 0	6	4	060	
30	29°94	29°80	35°0	38°0	26°2	41°5	197	229	97	100	S 2	Calm 0	10	2	830	
Means	30°177	30°172	43°6	42°7	37°1	49°4	238	252	89°2	89°8	1°7	1°3	7°3	5°9	3°170	

MARLBOROUGH.

Height above Mean Sea Level, 471 feet. Long.  $1^{\circ} 43' W.$  Lat.  $51^{\circ} 25' N.$

NOVEMBER 1884.

1	30°13	30°02	52°1	49°9	46°3	53°9	*375	96	98	S	1	S	2	10	10	*010		
2	29°59	*01	54°6	42°6	42°3	57°2	*394	*260	93	97	SSW	1	Calmo	0	10	*310		
3	30°14	30°13	35°7	30°6	30°5	49°7	*205	*163	99	96	Calmo	0	Calmo	0	1	*010		
4	29°9	29°78	42°8	53°5	29°1	53°6	*271	*384	99	94	Calmo	0	SW	3	10	*080		
5	29°90	*93	51°7	50°8	47°3	57°1	*331	*360	86	98	W	3	W	1	3	*420		
6	30°05	29°94	47°6	53°5	46°4	54°1	*328	*386	100	95	Calmo	0	S	1	10	*040		
7	29°77	30°08	52°6	40°5	40°3	56°5	*377	*238	95	95	S	1	Calmo	0	8	*290		
8	30°38	*31	41°6	47°7	33°8	51°6	*243	*287	93	87	SW	1	SW	1	2	10	—	
9	*27	*38	48°7	51°0	47°2	53°8	*306	*366	89	98	SW	1	Calmo	0	9	*080		
10	*55	*50	45°4	47°9	44°2	53°3	*275	*321	91	97	Calmo	0	E	1	9	10	—	
11	*43	*37	46°5	35°6	35°1	48°3	*295	*196	94	95	Calmo	0	Calmo	0	10	9	—	
12	*30	*31	45°1	44°3	35°0	45°7	*267	*237	89	88	Calmo	0	Calmo	0	10	9	—	
13	*38	*46	42°8	43°6	42°7	45°0	*271	*261	99	92	Calmo	0	NE	1	10	10	—	
14	*49	*46	39°0	37°8	37°2	43°9	*231	*203	98	90	E	1	E	1	4	10	—	
15	*47	*41	32°9	33°8	30°9	39°0	*183	*176	98	99	Calmo	0	Calmo	0	8	0	—	
16	*36	*30	30°8	36°0	28°2	37°9	*168	*185	97	88	Calmo	0	Calmo	0	8	10	*010	
17	*32	*34	33°6	34°3	31°0	39°9	*176	*187	91	95	Calmo	0	Calmo	0	10	0	—	
18	*40	*45	33°8	36°7	31°0	42°2	*188	*196	97	90	N	1	N	1	9	0	*010	
19	*54	30°53	35°8	38°7	32°8	42°3	*200	*217	92	92	N	1	Calmo	0	10	10	—	
20	30°27	29°96	37°5	39°3	34°1	45°9	*207	*210	92	83	Calmo	0	Calmo	0	10	9	*030	
21	29°87	30°10	39°6	34°8	32°5	41°6	*225	*182	93	99	NE	2	NE	1	8	0	—	
22	30°20	*19	32°0	35°3	30°9	40°9	*172	*185	95	88	Calmo	0	Calmo	0	5	10	—	
23	*21	*19	32°4	33°5	30°6	44°4	*170	*179	93	94	Calmo	0	Calmo	0	0	10	*030	
24	*13	*24	36°6	29°7	29°1	39°0	*105	*153	97	93	Calmo	0	Calmo	0	10	0	—	
25	*30	*30	27°9	30°8	24°1	33°9	*149	*172	98	100	Calmo	0	Calmo	0	10	0	*010	
26	*33	30°34	32°7	35°7	30°0	44°0	*169	*196	91	84	NW	1	NW	1	9	9	—	
27	30°23	29°96	41°5	46°8	37°7	47°0	*213	*289	82	91	W	1	W	2	9	10	*010	
28	29°85	29°81	37°9	29°9	29°9	47°0	*191	*160	87	97	Calmo	0	Calmo	0	4	10	*080	
29	29°80	30°01	32°9	25°9	25°3	37°2	*185	*133	99	95	Calmo	0	Calmo	0	10	0	—	
30	30°06	29°83	23°7	37°6	20°5	37°8	*127	*215	100	96	Calmo	0	S	2	4	10	*540	
Means	30°198	30°188	39°6	39°7	34°5	45°1	*237	*236	94°1	93°0				0°5	0°6	7°5	6°5	1°940



## MARGATE.

Height above Mean Sea Level, 83 feet. Long. 1° 24' E. Lat. 51° 24' N.  
NOVEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	45°	50°	43°	51°	in.	in.	%	%	SE	3	10	10	ins.	Dull day.
2	30°21	30°11	45°	50°	43°	51°	279	333	93	92	SE	1	10	10	0.050	Fine day.
3	30°08	29°51	46°	50°	43°	51°	287	325	92	90	SE	1	10	10	—	Fine afternoon.
4	30°06	30°13	47°	49°	45°	51°	252	353	78	73	NE	2	10	10	—	
5	29°53	29°42	50°	53°	49°	55°	346	339	93	82	SE	1	10	10	—	
6	29°55	29°59	55°	55°	52°	60°	362	397	84	89	SSW	2	10	10	0.050	Fine day. ☐
7	30°07	30°02	51°	53°	50°	59°	375	370	98	91	Calm	0	10	10	0.010	☐ ga. Warm.
8	29°51	30°00	54°	49°	49°	60°	360	385	88	52	S	2	10	10	0.050	☐ sp.
9	30°39	30°37	44°	45°	43°	54°	242	260	83	85	W	2	10	10	—	Fine day.
10	30°33	30°39	47°	49°	45°	54°	261	210	80	59	SSW	2	10	10	—	
11	30°55	30°55	52°	50°	49°	55°	327	340	82	94	SSW	2	10	10	—	
12	30°46	30°43	47°	47°	44°	51°	230	257	73	79	SE	1	10	10	—	
13	30°32	30°32	47°	45°	45°	48°	244	249	76	83	SE	1	10	10	—	Dull day.
14	30°36	30°42	47°	47°	44°	48°	260	253	89	78	Calm	0	10	10	—	Dull day.
15	30°51	30°49	41°	40°	38°	48°	199	200	77	79	SE	1	10	10	—	Dull day.
16	30°47	30°43	39°	40°	38°	42°	188	208	76	82	E	2	10	10	—	
17	30°36	30°25	40°	38°	37°	42°	178	172	69	75	E	1	10	10	—	Cold.
18	30°27	30°25	37°	43°	33°	45°	190	249	90	87	W	1	10	10	—	Fine, but cool.
19	30°27	30°34	43°	42°	40°	46°	235	217	83	80	E	3	10	10	2.250	☐ p.
20	30°45	30°45	41°	42°	39°	45°	225	246	88	92	N	2	10	10	1.150	Dull day. Double ☐ ap.
21	30°19	29°53	39°	40°	39°	44°	195	204	81	82	N	2	10	10	0.040	Dull day.
22	30°08	29°58	40°	40°	37°	46°	275	166	65	65	N	2	10	10	2.100	☐ during day.
23	30°10	30°06	41°	41°	36°	41°	193	217	75	84	NE	3	10	10	—	
24	30°09	30°04	39°	39°	38°	42°	216	225	91	92	N	3	10	10	—	Fine day.
25	30°12	30°16	33°	39°	32°	41°	188	221	97	94	Calm	0	10	10	0.010	☐ a. Fine day.
26	30°25	30°27	33°	31°	31°	41°	184	171	95	95	NW	1	10	10	0.010	☐ in morning.
27	30°20	30°25	34°	40°	31°	42°	200	225	100	91	W	2	10	10	—	☐ in morning. ☐
28	30°20	30°24	43°	45°	39°	46°	225	241	79	79	W	3	10	10	—	
29	30°20	30°20	43°	40°	39°	47°	200	217	70	88	SW	3	10	10	—	
30	30°27	30°27	35°	39°	34°	40°	178	160	87	65	W	3	10	10	—	Dull day.
Means	30°176	30°167	43°	44°	40°	48°	243	245	84°	82°	1°	7°	7°	6°	1°030	☐ ga. Dull day.

## SOUTHAMPTON.

Height above Mean Sea Level, 78 feet. Long. 1° 24' W. Lat. 50° 55' N.  
NOVEMBER 1884.

NOVEMBER 1864.

Day.	Barometer at 32° and M. S. L.	Air Temperature.	Tension of Vapour.	Relative Humidity.	Wind, Direction and Force.	Cloud Amount.	Rain.	Remarks.										
1	30°14	30°04	54°	53°2	42°5	55°3	*366	*377	87	93	SSW	3	S	3	10	10	—	Thickly overcast all day. [then ☐.
2	29°50	29°58	50°	44°2	44°4	62°3	*404	*287	88	99	SE	1	NNW	2°5	9	10	0.325	Beautiful a. Day fine and mild till 4 p.m.
3	30°12	30°11	40°9	36°2	35°9	51°6	*235	*195	92	91	NNW	1	NE	1	0	10	—	Beautiful day. ☐ p.
4	29°53	29°55	49°8	55°0	35°7	56°4	*339	*421	95	97	SSE	1°5	SW	6	10	10	0.160	Very dull a. Fine 10 a.—2 p., then ☐.
5	29°55	29°56	55°2	56°2	50°7	60°5	*365	*425	84	94	SW	2	SW	5	0	10	0.258	Beautiful day. Squally with ☐ from 5.30 p.
6	30°03	29°55	52°4	53°6	50°8	58°5	*385	*386	98	94	SE	1	SSE	1	10	10	0.035	☐ till 10 a., then fine and mild.
7	29°51	30°08	50°8	44°1	43°9	58°6	*405	*269	87	93	SW	3°5	NW	2	4	0	0.056	Beautifully fine and mild a. [☐ n.
8	30°39	30°34	37°9	51°1	33°9	55°5	*225	*277	99	74	Calm	0	SW	3	6	10	—	☐ a. Day fine and very pleasant.
9	30°30	30°40	52°9	51°8	50°8	56°2	*299	*361	74	93	SW	1	SW	0°5	10	5	—	
10	30°53	30°50	51°0	50°7	49°1	55°3	*366	*348	98	94	ENE	0°5	E	2	10	10	—	☐ a. Day dull and mild. ☐ p.
11	30°41	30°35	48°8	46°1	45°8	51°4	*295	*171	85	87	E	2	NE	2°5	10	10	—	Dull day.
12	30°30	30°30	47°7	47°0	45°9	48°7	*270	*282	84	88	SSE	1°5	SSE	1	10	10	—	Thickly overcast all day.
13	30°37	30°43	44°9	45°9	44°2	47°9	*268	*288	91	94	NE	1	NE	1°5	10	10	—	Thickly overcast all day.
14	30°46	30°43	44°9	39°4	39°0	48°2	*256	*199	87	83	NE	2	NE	3	7	10	—	Beautiful day.
15	30°43	30°37	37°5	36°2	34°9	44°2	*188	*189	84	89	NE	3	NE	3	10	3	—	Beautiful day, but with cold wind.
16	30°33	30°29	37°3	37°9	34°1	43°1	*199	*193	90	85	NE	3	NE	3	10	10	—	Fine, dry, and cold.
17	30°29	30°30	37°2	39°1	36°3	43°2	*180	*208	81	87	NE	2	NNE	3	8	10	—	Fine and pleasant, but cold.
18	30°37	30°42	36°2	38°9	32°9	45°7	*201	*198	94	85	NW	2	NNW	3°5	10	0	—	☐ a. Fine, dry, and cold.
19	30°50	30°50	38°6	37°9	35°3	45°3	*203	*211	87	93	NNW	3	NW	2	10	0	—	Fine and pleasant, with cold wind. ☐
20	30°27	29°54	39°1	40°8	34°4	46°7	*202	*217	85	86	WNW	1°5	NW	2	10	10	0.027	☐ ga. ☐ shower 5.30 p. [on grass 9 p.
21	30°18	30°16	34°7	36°9	34°4	44°5	*223	*180	86	83	NE	4	NNE	4°5	10	0	—	Fine and dry, with cold wind. [wind.
22	30°18	30°16	34°2	37°1	32°2	43°0	*178	*183	89	83	NNE	0°5	NW	4	10	10	—	☐ a. Fine and dry, with co
23	30°19	30°19	34°6	34°8	32°4	45°6	*169	*186	84	92	NW	2	Calm	0	0	10	0.010	☐ a. Beautiful day. [grass 9 p.
24	30°13	30°13	32°3	32°6	31°6	42°2	*199	*171	97	92	NNW	0°5	N	1	10	10	—	☐ a. Dull, damp, and cold. [on
25	30°29	30°30	28°1	35°9	25°7	37°9	*154	*194	100	92	N	1	Calm	0	4	10	0.008	☐ a. ☐ in evening.
26	30°33	30°35	31°6	39°8	27°9	46°0	*164	*215	92	88	NW	1°5	W	1°5	4	1	—	☐ a. Day fine. ☐ ap.
27	30°27	30°00	44°7	47°7	38°1	50°0	*221	*267	74	81	WNW	3°5	W	5	2	9	0.055	Beautiful morning. Day fine. ☐ p.
28	29°57	29°51	42°0	34°4	34°1	48°5	*216	*179	82	89	WNW	2°5	NW	1°5	8	0	0.103	Fine and mild a. Beautiful day. [on grass 9 p.
29	29°51	30°00	33°2	29°5	29°3	36°1	*186	*139	98	85	NE	0°5	NW	1	10	0	0.035	* 8 a.—10.30 a. Pleasant afternoon. [on grass 9 p.
30	30°07	29°57	27°0	40°7	25°0	41°2	*147	*233	100	92	Calm	0	S	5	10	10	0.465	☐ a. ☐ from 2.30 p. ☐ p.
Means	30°192	30°183	42°4	42°5	37°7	49°0	*250	*252	89°1	89°2	1°7	2°5	7°7	6°6	1°537			

## ST. LEONARDS.

Height above Mean Sea Level, 116 feet. Long. 0° 33' E. Lat. 50° 51' N.  
NOVEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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°	52°	48°	53°	in.	in.	%	%	S	3	10	10	ins.	Overcast all day.
2	30°20	30°08	50°	52°	48°	53°	325	370	90	93	S	3	10	10	0.076	
3	29°58	29°51	53°	54°	52°	55°	355	382	90	92	S	3	10	10	—	
4	30°04	30°10	44°	45°	43°	55°	254	254	87	83	N	3	10	10	—	[before 11 p.
5	29°55	29°52	52°	54°	45°	50°	372	384	93	89	S	3	10	10	2.200	☐ early a. Squally op. ☐ (gale)
6	29°58	30°01	55°	56°	52°	58°	418	402	96	87	SW	2	10	10	—	☐ (severe gale) in past n. Squally [9 p.
7	30°07	29°59	56°	55°	55°	58°	409	386	89	88	SW	3	10	10	0.008	☐ op.
8	29°50	30°04	56°	47°	47°	59°	383	300	85	92	S	4	10	10	1.144	☐ ga. and op. ☐ in afternoon.
9	30°40	30°37	47°	52°	41°	55°	294	294	91	75	Calm	0	10	10	—	☐ ga. Fine day.
10	30°33	30°39	53°	52°	51°	55°	291	356	73	90	SW	3	10	10	—	
11	30°53	30°51	51°	51°	49°	55°	369	322	97	84	NNE	2	10	10	—	Overcast all day, with ☐.
12	30°43	30°36	46°	48°	46°	52°	252	277	79	80	E	3	10	10	—	
13	30°30	30°31	48°	45°	45°	49°	253	266	76	87	ESE	1	10	10	—	☐ a. Gloomy and overcast all day.
14	30°35	30°39	44°	45°	43°	47°	249	273	85	90	NNE	1	10	10	—	☐ early a. Overcast and gloomy all [day.
15	30°47	30°45	44°	41°	39°	47°	221	203	76	78	E	2	10	10	—	☐ ga. Fine day.
16	30°44	30°39	41°	40°	39°	43°	196	203	75	80	ESE	3	10	10	—	Fine day.
17	30°34	30°27	39°	38°	36°	42°	188	178	77	77	ENE	2	10	10	—	Overcast all day.



## BABBACOMBE.

Height above Mean Sea Level, 293 feet. Long. 3° 31' W. Lat. 50° 29' N.

NOVEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	55.0	55.2	51.3	56.2	in.	in.	87	95	S	3	10	10	ins.	☁ (mist) p.
2	30.09	29.97	55.0	55.2	51.3	56.2	37.5	41.2	87	95	SSW	2	10	10	380	☁ (mist) a. Dull day. Squally p.
3	30.04	29.94	55.2	55.4	51.5	56.4	37.7	41.4	87	95	WSW	1	10	10	—	☁ (mist) a and p. ☁ ☁ ☁ p.
4	30.14	30.00	55.2	55.4	51.5	56.4	37.7	41.4	87	95	SW	4	10	10	—	☁ (mist) a. Squally p.
5	29.90	29.77	55.2	55.4	51.5	56.4	37.7	41.4	87	95	WSW	5	10	10	—	(zale) from W. at night.
6	29.94	29.81	55.2	55.4	51.5	56.4	37.7	41.4	87	95	E	1	10	10	—	☁ till 9.20a. Wind SW. 10a.
7	30.00	29.88	55.2	55.4	51.5	56.4	37.7	41.4	87	95	SSW	6	10	10	—	☁ showers. Squally p.
8	29.75	29.63	55.2	55.4	51.5	56.4	37.7	41.4	87	95	SW	2	10	10	—	☁ till 9a. ☁ (mist) a.
9	30.37	30.25	55.2	55.4	51.5	56.4	37.7	41.4	87	95	SW	3	10	10	—	☁ (mist) a. ☁ and below sun. ☁ p.
10	29.27	29.15	55.2	55.4	51.5	56.4	37.7	41.4	87	95	SE	2	10	10	—	☁ (mist) a. Sky brownish round
11	29.49	29.37	55.2	55.4	51.5	56.4	37.7	41.4	87	95	SE	2	10	10	—	☁ n. ☁ (mist) a. and p.
12	29.38	29.26	55.2	55.4	51.5	56.4	37.7	41.4	87	95	SSE	1	10	10	—	Dull gloomy day. ☁ (mist) p.
13	29.27	29.15	55.2	55.4	51.5	56.4	37.7	41.4	87	95	ESE	3	10	10	—	☁ 9.35a. Dull day. Very gloomy p.
14	29.36	29.24	55.2	55.4	51.5	56.4	37.7	41.4	87	95	ENE	3	10	10	—	☁ (mist) p.
15	29.43	29.31	55.2	55.4	51.5	56.4	37.7	41.4	87	95	E	5	10	10	—	☁ (mist) a. and p. Dull day. Very
16	29.36	29.24	55.2	55.4	51.5	56.4	37.7	41.4	87	95	ENE	4	10	10	—	☁ (mist) a. and p. ☁ gloomy p.
17	29.28	29.16	55.2	55.4	51.5	56.4	37.7	41.4	87	95	ENE	3	10	10	—	☁ (mist) a.
18	29.26	29.14	55.2	55.4	51.5	56.4	37.7	41.4	87	95	ENE	3	10	10	—	☁ (mist) a.
19	29.43	29.31	55.2	55.4	51.5	56.4	37.7	41.4	87	95	NNW	3	10	10	—	☁ in past n. ☁ (mist) a.
20	29.36	29.24	55.2	55.4	51.5	56.4	37.7	41.4	87	95	NNW	4	10	10	—	☁ (mist) a.
21	30.35	30.23	55.2	55.4	51.5	56.4	37.7	41.4	87	95	NNW	2	10	10	—	☁ (mist) a. ☁ Showers 9a.—8.45p.
22	29.90	29.78	55.2	55.4	51.5	56.4	37.7	41.4	87	95	N	5	10	10	—	☁ 9a.—9.30a. Squally (gale) p.
23	30.22	30.10	55.2	55.4	51.5	56.4	37.7	41.4	87	95	N	5	10	10	—	☁ (mist) a. Sky pink near sun; fine crimson sunset and afterglow.
24	29.24	29.12	55.2	55.4	51.5	56.4	37.7	41.4	87	95	NW	1	10	10	—	☁ (mist) p.
25	29.15	29.03	55.2	55.4	51.5	56.4	37.7	41.4	87	95	NW	2	10	10	—	☁ in past n. ☁ (mist) a. and p.
26	29.32	29.20	55.2	55.4	51.5	56.4	37.7	41.4	87	95	NNW	1	10	10	—	☁ (mist) a. and p. Sky brownish pink near and below sun.
27	29.38	29.26	55.2	55.4	51.5	56.4	37.7	41.4	87	95	NNW	2	10	10	—	☁ (mist) a.
28	30.34	30.22	55.2	55.4	51.5	56.4	37.7	41.4	87	95	NNW	2	10	10	—	☁ (mist) a.
29	29.03	28.91	55.2	55.4	51.5	56.4	37.7	41.4	87	95	SSW	2	10	10	—	☁ (mist) a. ☁ p. ☁ 9.30p.
30	29.83	29.71	55.2	55.4	51.5	56.4	37.7	41.4	87	95	SW	2	10	10	—	☁ n. and p. ☁ 9.30a.—9.45a.
Means	30.104	30.186	55.5	55.7	51.8	56.6	37.9	41.6	87.6	95.8	2.7	3.1	7.9	7.2	1.550	☁ till 9a. ☁ (mist) a. and p.

## ST. AUBIN'S, JERSEY.

Height above Mean Sea Level, 139 feet. Long. 2° 10' W. Lat. 49° 11' N.

NOVEMBER 1884.

1	30.20	30.08	49.8	54.3	48.7	54.3	33.5	40.5	93	96	SE	2	9	9	—	☁ a. and p. Day gloomy. ☁ p.
2	29.97	29.85	49.8	54.3	48.7	54.3	33.5	40.5	93	96	SE	2	9	9	—	☁ a. Very fine a. Gloomy p. ☁ n.
3	30.11	30.00	49.8	54.3	48.7	54.3	33.5	40.5	93	96	NE	2	9	10	—	Overcast day. ☁ at night.
4	30.03	29.91	49.8	54.3	48.7	54.3	33.5	40.5	93	96	SW	3	9	10	—	Fine a. Overcast p. ☁ at times.
5	30.08	29.96	49.8	54.3	48.7	54.3	33.5	40.5	93	96	SW	3	9	10	—	Fine and extremely mild.
6	30.10	30.00	49.8	54.3	48.7	54.3	33.5	40.5	93	96	SW	3	9	10	—	Overcast a. ☁ p.
7	30.01	29.89	49.8	54.3	48.7	54.3	33.5	40.5	93	96	S	3	9	10	—	☁ a. Sunless day. ☁ p. ☁ p.
8	30.45	30.33	49.8	54.3	48.7	54.3	33.5	40.5	93	96	SW	2	9	10	—	☁ a. Extremely fine day. Very clear
9	30.37	30.25	49.8	54.3	48.7	54.3	33.5	40.5	93	96	SW	1	9	10	—	Extremely fine. ☁ p. Sea roaring.
10	30.53	30.41	49.8	54.3	48.7	54.3	33.5	40.5	93	96	E	2	9	10	—	☁ a. Extremely fine day.
11	30.40	30.28	49.8	54.3	48.7	54.3	33.5	40.5	93	96	ENE	1	9	10	—	☁ (mist) a. Very fine a. ☁ p.
12	30.31	30.19	49.8	54.3	48.7	54.3	33.5	40.5	93	96	Calm	0	9	10	—	Gloomiest day since Feb. 26th.
13	30.35	30.23	49.8	54.3	48.7	54.3	33.5	40.5	93	96	Calm	0	9	10	—	Overcast and gloomy.
14	30.42	30.30	49.8	54.3	48.7	54.3	33.5	40.5	93	96	ENE	2	9	10	—	Extremely fine, but rather cold.
15	30.37	30.25	49.8	54.3	48.7	54.3	33.5	40.5	93	96	EbyN	2	9	10	—	☁ (mist) a. Extremely fine, but cold. ☁ p.
16	30.29	30.17	49.8	54.3	48.7	54.3	33.5	40.5	93	96	NE	3	9	10	—	☁ a. Extremely fine and bright, but cold and gloomy a. Fine p. ☁ cold.
17	30.26	30.14	49.8	54.3	48.7	54.3	33.5	40.5	93	96	ENE	2	9	10	—	☁ a. Extremely fine and bright, but cold and gloomy a. Fine p. ☁ cold.
18	30.38	30.26	49.8	54.3	48.7	54.3	33.5	40.5	93	96	NE	1	9	10	—	☁ a. Extremely fine and bright, but cold and gloomy a. Fine p. ☁ cold.
19	30.48	30.36	49.8	54.3	48.7	54.3	33.5	40.5	93	96	NE	3	9	10	—	☁ a. Extremely fine and bright, but cold and gloomy a. Fine p. ☁ cold.
20	30.37	30.25	49.8	54.3	48.7	54.3	33.5	40.5	93	96	NNW	1	9	10	—	☁ a. Extremely fine and bright, but cold and gloomy a. Fine p. ☁ cold.
21	30.84	30.72	49.8	54.3	48.7	54.3	33.5	40.5	93	96	N	3	9	10	—	☁ a. Extremely fine and bright, but cold and gloomy a. Fine p. ☁ cold.
22	30.15	30.03	49.8	54.3	48.7	54.3	33.5	40.5	93	96	NNW	3	9	10	—	☁ a. Extremely fine and bright, but cold and gloomy a. Fine p. ☁ cold.
23	30.22	30.10	49.8	54.3	48.7	54.3	33.5	40.5	93	96	N	2	9	10	—	☁ a. Extremely fine and bright, but cold and gloomy a. Fine p. ☁ cold.
24	30.18	30.06	49.8	54.3	48.7	54.3	33.5	40.5	93	96	N	2	9	10	—	☁ a. Extremely fine and bright, but cold and gloomy a. Fine p. ☁ cold.
25	30.27	30.15	49.8	54.3	48.7	54.3	33.5	40.5	93	96	Calm	0	9	10	—	☁ a. Extremely fine and bright, but cold and gloomy a. Fine p. ☁ cold.
26	30.38	30.26	49.8	54.3	48.7	54.3	33.5	40.5	93	96	NE	2	9	10	—	☁ a. Extremely fine and bright, but cold and gloomy a. Fine p. ☁ cold.
27	30.43	30.31	49.8	54.3	48.7	54.3	33.5	40.5	93	96	Calm	0	9	10	—	☁ a. Extremely fine and bright, but cold and gloomy a. Fine p. ☁ cold.
28	30.41	30.29	49.8	54.3	48.7	54.3	33.5	40.5	93	96	NW	1	9	10	—	☁ a. Extremely fine and bright, but cold and gloomy a. Fine p. ☁ cold.
29	30.87	30.75	49.8	54.3	48.7	54.3	33.5	40.5	93	96	NW	1	9	10	—	☁ a. Extremely fine and bright, but cold and gloomy a. Fine p. ☁ cold.
30	30.12	30.00	49.8	54.3	48.7	54.3	33.5	40.5	93	96	Calm	0	9	10	—	☁ a. Extremely fine and bright, but cold and gloomy a. Fine p. ☁ cold.
Means	30.227	30.217	49.8	54.3	48.7	54.3	33.5	40.5	93.7	96.2	1.7	1.8	6.2	6.0	2.638	☁ a. Extremely fine and bright, but cold and gloomy a. Fine p. ☁ cold.

Earth temperature: Mean of 10 readings (every third day) at 1 foot 48° 7'; 3 feet 48° 5'; 6 feet 50° 2'.

NOVEMBER 1884.

## LONDONDERRY.

Height above Mean Sea Level, 93 feet. Long. 7° 19' W. Lat. 55° 0' N.

NOVEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	49.7	45.7	45.0	53.7	336	203	94	90	WSW 1	WSW 1	10	10	ins.	Fair till 4p., then ☉.
2	29.76	29.84	49.7	45.7	45.0	53.7	336	203	94	90	W 2	SW 2	7	10	120	☉ ☁ showers during day.
3	83	92	41.7	39.8	38.0	48.1	241	219	92	90	SW 2	SW 3	9	10	190	
4	96	83	42.7	45.7	38.0	47.0	236	245	86	80	S 4	SW 4	9	10	1010	Fair till 3p. ☉ 3p.-6p.
5	43	79	49.7	47.8	43.4	53.4	312	301	88	91	SE 3	SW 3	10	10	160	☉ showers all day.
6	37	71	48.7	44.7	42.3	51.1	306	244	89	83	W 2	SE 1	3	10	450	Fine till 6p., then ☉.
7	91	79	41.7	42.7	39.8	50.0	243	257	93	93	N 2	SE 2	10	1	120	☉ till 2p.
8	33	94	45.4	39.0	37.9	51.1	203	216	97	91	S 4	SW 5	10	10	200	☉ showers all day.
9	83	29.75	47.4	52.7	37.7	53.6	269	325	83	81	W 2	W 1	10	10	040	☉ showers.
10	29.07	30.28	47.0	44.7	43.0	55.2	273	259	85	88	WSW 2	SW 3	0	0	—	Fine and clear all day.
11	30.41	22	44.7	50.7	32.0	51.9	249	322	85	83	S 4	S 3	10	10	670	☉ all day.
12	14	21	52.7	52.7	50.0	55.0	339	370	86	93	SW 1	S 1	10	0	060	☉ till 4p.
13	54	28	51.1	43.3	42.0	55.5	368	252	98	90	SW 1	S 1	0	0	—	Fine and clear all day.
14	01	61	38.0	36.0	34.6	48.4	232	210	97	99	E 1	SE 1	10	10	—	☉ in morning.
15	59	45	33.7	42.7	29.3	47.1	139	259	72	94	N 1	S 1	7	0	—	Fine and clear.
16	42	38	39.7	37.2	34.7	46.4	228	210	93	94	Calm 0	SE 1	10	0	—	☉ 9a. ☉☉☉ (mist) p.
17	35	36	37.7	35.7	31.0	43.0	220	195	98	93	S 1	NE 1	9	0	—	Fine and clear.
18	42	53	34.7	32.4	30.0	44.6	200	174	99	95	W 1	Calm 0	10	3	—	
19	64	73	33.7	35.5	28.8	43.3	167	197	86	95	N 1	N 1	9	9	040	☉☉☉ (mist) all day.
20	76	66	39.7	42.5	30.1	46.0	230	257	94	94	NW 2	N 4	8	3	020	☉ showers.
21	37	21	46.7	42.3	38.6	48.6	301	199	94	74	N 2	SW 2	9	9	020	Fine and clear all day.
22	32	32	43.7	36.7	34.6	47.6	235	203	82	93	NW 1	NW 2	7	0	050	
23	27	30	36.7	39.9	33.2	45.2	208	246	96	100	W 2	WSW 1	5	3	120	Fine during day.
24	23	17	39.7	39.6	37.9	45.9	242	235	99	97	NW 2	WNW 1	5	7	080	☉ showers during day.
25	24	32	36.8	36.7	32.2	42.6	208	302	97	93	NW 1	WNW 2	10	8	100	☉ till noon.
26	33	35	41.7	42.9	35.0	44.8	248	274	94	99	NW 2	WNW 3	10	8	380	☉ ☁ showers during day.
27	30.38	30.30	42.7	44.2	40.9	47.3	257	268	93	93	W 2	WNW 1	7	10	430	☉ ☁ and ☉ ☉ (sleet) a.
28	29.99	29.90	47.2	42.2	40.0	50.0	294	223	91	84	NW 1	NW 1	7	10	220	☉ before 9a.
29	81	85	37.2	39.7	36.3	47.5	196	234	88	96	NW 1	NW 1	10	8	050	
30	97	92	34.7	33.7	32.5	41.4	186	175	93	90						
30	29.71	29.87	34.7	37.4	32.2	40.9	186	215	93	96						
Means	30.109	30.136	42.0	41.6	36.7	48.2	248	243	91.2	91.4	1.7	1.8	7.9	6.2	5.070	



## MARKREE CASTLE, SLIGO.

Height above Mean Sea Level, 131 feet. Long. 8° 27' W. Lat. 54° 11' N.

NOVEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	48°	43°	42°	51°	ins.	ins.	94	98	SW 0.5	Calm 0	10	10	ins.	
2	29°80	29°80	41°	37°	34°	48°	237	212	93	95	SSE 0.5	SW 1	4	3	0.020	∞ p.
3	29°77	29°77	37°	34°	34°	46°	222	222	98	94	SSE 0.5	SSE 5	10	10	0.350	
4	29°78	29°78	30°	26°	23°	32°	214	205	87	92	S 2.5	S 3	10	9	0.780	☔ showers in past n. Double ☔
5	29°75	29°75	49°	41°	40°	53°	301	239	86	94	SSW 4	SSW 1	10	7	0.040	
6	29°72	29°72	36°	30°	30°	46°	213	239	100	94	Calm 0	ENE 1	6	10	0.430	☔ a.
7	29°71	29°71	43°	37°	35°	47°	258	216	91	97	NNW 76	Calm 0	10	10	0.060	
8	29°86	29°86	48°	42°	42°	52°	310	240	93	87	SSW 5	SSW 7	10	10	0.380	☔ p.
9	30°04	30°04	45°	42°	40°	52°	273	252	91	94	SW 0.5	SW 0.5	9	10	—	
10	30°37	30°37	39°	37°	35°	41°	232	232	95	90	SSE 2	SSE 4	2	8	0.100	
11	30°04	30°04	52°	53°	48°	53°	376	376	96	94	SSE 4	SSE 3	10	10	0.720	
12	30°03	30°03	50°	38°	38°	54°	355	227	97	98	SSW 0.5	Calm 0	10	5	0.010	∞ op.
13	30°51	30°51	34°	29°	28°	48°	196	164	100	100	Calm 0	Calm 0	6	2	—	∞ op.
14	30°53	30°53	28°	23°	23°	46°	144	247	91	99	Calm 0	SSE 1	6	10	—	∞ a.
15	30°37	30°37	34°	30°	32°	43°	214	213	95	100	S 0.5	Calm 0	10	10	0.010	∞ a.
16	30°32	30°32	35°	34°	32°	42°	211	200	100	99	Calm 0	Calm 0	10	10	—	Overcast all day.
17	30°39	30°39	37°	31°	29°	39°	212	168	96	94	Calm 0	Calm 0	8	9	—	∞ ga.
18	30°62	30°62	28°	23°	23°	44°	130	190	84	86	Calm 0	NE 0.5	4	7	—	∞ a.
19	30°76	30°76	30°	25°	25°	45°	149	229	89	90	Calm 0	NNE 0.5	9	8	0.020	☔
20	30°41	30°41	47°	41°	39°	48°	259	214	80	81	NNW 2	N 3	10	8	0.030	
21	30°26	30°26	42°	38°	37°	48°	220	149	80	95	NNW 2	Calm 0	7	2	—	∞ op.
22	30°33	30°33	30°	26°	25°	45°	150	210	89	97	Calm 0	Calm 0	9	8	0.010	∞ ga.
23	30°24	30°24	38°	36°	32°	45°	228	213	97	99	Calm 0	Calm 0	9	10	0.080	☔ a.
24	30°22	30°22	39°	37°	36°	42°	216	149	100	100	Calm 0	Calm 0	8	1	0.010	☔ a.
25	30°35	30°35	39°	34°	34°	42°	234	250	98	92	NNW 0.5	NW 1	9	10	0.030	☔ in past n.
26	30°42	30°42	44°	44°	40°	44°	271	273	93	94	WNW 1	WNW 1	9	10	0.050	☔ several times during day.
27	30°08	30°08	48°	44°	42°	48°	277	211	83	72	WSW 4	WNW 4	10	10	0.270	
28	29°85	29°85	40°	41°	37°	44°	226	226	90	86	NW 2	NW 1	9	7	0.300	
29	29°98	29°98	35°	32°	32°	48°	196	178	95	96	NNE 1	Calm 0	8	10	0.460	
30	29°71	29°71	42°	41°	31°	43°	231	225	87	88	NNW 2	NNE 0.5	9	7	0.130	☔ in past n., melting during the morning.
Means	30°120	30°120	40°4	39°7	33°8	47°1	237	233	92°3	93°4	1°5	1°3	8°4	8°0	4°430	

## DUBLIN.

Height above Mean Sea Level, 51 feet. Long. 6° 15' W. Lat. 53° 20' N.

NOVEMBER 1884.

1	29°85	29°78	53°3	49°3	49°2	58°6	*375	*336	92	96	W 2	WNW 2	10	10	0	.553	Dull and overcast day. ☔ 2 p.
2	29°89	30°01	43°8	40°7	39°3	49°6	*247	*202	87	80	WbyN3	WSW 3	9	0	0	—	Colder a. Partial ☔ p.
3	30°04	29°92	42°3	47°9	39°1	49°7	*221	*225	83	68	SSW 2	S 3	1	9	0	.048	Clear, sharp morning. Much cir. p. ☔ n.
4	29°57	38	51°0	50°2	47°2	57°7	*334	*267	87	74	SSW 3	WSW 7	7	1	0	.076	Squally ☔ (gale) early a. Overcast p. ☔
5	58	79	50°3	46°7	46°2	53°4	*249	*259	68	82	WSW 6	W 6	1	0	0	.132	Squally ☔ a. and p. ☔ ☔ ☔ [with ☔ ☔ ☔]
6	95	29°66	41°4	49°2	40°7	49°4	*244	*341	95	98	Calm 0	E 2	3	10	0	.371	☔ ☔ ☔ a. Much cir. from WSW. a. ☔ from 2p.
7	29°50	30°04	47°8	42°0	41°0	56°0	*257	*223	78	85	WSW 7	WbyS3	10	0	0	—	Squally ☔ a. Max. temp. in day 48°.
8	30°06	29°98	50°1	52°6	40°9	53°6	*268	*300	74	76	SW 6	SSW 6	10	10	0	.010	Squally ☔ throughout.
9	98	30°37	51°8	45°3	44°8	53°6	*317	*243	82	81	WbyS3	WSW 2	3	0	0	—	Beautiful day. ☔ from 4p.
10	44	33	44°1	53°1	37°6	53°4	*239	*344	82	85	ESE 1	S 4	0	7	0	—	☔ a. Very fine a. Squally ☔ p. ☔
11	26	20	55°1	54°0	52°9	50°7	*347	*347	80	83	S 3	S 3	10	10	0	.020	Dull and very mild. ☔ ☔
12	70	29	55°0	48°2	46°9	58°0	*371	*305	86	92	SSE 3	WNW 2	10	3	0	.010	Gloomy and mild a. Finer and cooler p.
13	49	55	38°8	42°8	37°0	48°4	*211	*232	90	85	WNW 2	NNE 2	0	3	0	—	☔ a. and p. Very fine day.
14	52	41	47°6	43°1	38°3	49°9	*279	280	86	84	EbyS3	ESE 2	6	5	0	—	☔ a. Day very fine. Cool p. ☔ 9p.
15	39	37	40°3	40°6	37°3	48°5	*220	*223	89	89	SE 2	SE 1	3	0	0	—	☔ a. ☔ a. and p. Very dull.
16	33	29	33°8	41°0	31°1	41°4	*174	*233	89	91	W 1	WSW 2	9	10	0	—	Very fine day. Cool ☔ p.
17	35	45	42°8	37°9	37°0	43°9	*218	*200	80	80	NbyE2	Calm 0	9	10	0	.010	☔ a. Cum. from NE. ga.
18	56	65	40°1	44°0	37°2	44°7	*223	*303	90	70	N 2	N 2	8	8	0	—	Overcast from 2p.
19	71	64	37°9	43°0	36°0	44°4	*180	*236	79	85	N 3	NNW 3	1	10	0	—	
20	37	17	41°0	42°1	38°9	47°7	*223	*312	87	80	nwb.w3	NNW 3	1	7	0	—	
21	18	29	40°0	41°2	36°6	45°2	*205	*233	84	91	N 2	NW 2	5	8	0	.050	☔ p.
22	31	29	32°2	41°3	31°7	41°7	*157	*233	86	91	WNW 2	WbyN2	0	10	0	—	
23	25	18	39°2	41°3	36°4	43°4	*201	*233	84	91	WNW 2	W 3	8	10	0	—	
24	20	31	39°2	34°1	33°8	41°9	*219	*166	92	84	NW 2	NNW 2	10	1	0	—	
25	33	36	36°3	41°7	31°8	43°1	*191	*232	90	89	WNW 2	WbyN3	8	10	0	—	☔ a. Very fine day. Milder evening.
26	41	30°36	41°0	43°0	39°3	45°8	*224	*236	88	85	WNW 2	WbyN4	9	3	0	—	
27	30°15	29°09	45°4	44°8	42°2	51°0	*245	*254	82	86	W 5	WNW 4	7	9	0	.016	Squally ☔ a. and p.
28	29°85	29°83	39°3	37°5	36°1	44°8	*209	*200	88	90	WbyN3	WNW 3	4	4	0	.010	Max. temp. in day 42°2.
29	92	30°06	36°6	33°3	32°9	38°6	*189	*161	88	85	NW 3	W 1	1	3	0	.059	☔ ☔ ☔.
30	29°76	29°78	42°9	40°4	32°8	44°3	*237	*236	87	95	WSW 4	NW 3	10	10	0	.047	☔ early a. ☔ a. Fine p. ☔ in evening.
Means	30°147	30°159	43°4	43°9	39°1	48°6	*243	*247	85°1	85°3	2°8	2°8	5°8	6°0	1°412		

## PARSONSTOWN (BIRR CASTLE).

Height above Mean Sea Level, 182 feet. Long. 7° 55' W. Lat. 53° 6' N.

NOVEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	51°	44°	43°	55°	ins.	ins.	95	93	Calm 0	NNW 2	10	10	ins.	
2	29°85	29°81	41°	35°	35°	47°	241	189	92	90	SW 0.5	S 0.5	7	0	0.035	
3	30°03	29°81	40°	47°	34°	48°	213	247	85	77	SSW 0.5	SE 3.5	3	10	0.168	Squally p.
4	29°51	29°51	51°	46°	45°	54°	311	268	83	85	SW 2	SW 3	9	2	0.450	☔ (mist) op.
5	29°60	29°60	48°	41°	41°	51°	290	247	84	93	SW 2	Calm 0	7	0	0.142	☔ (mist) op.
6	29°58	29°58	39°	35°	35°	48°	222	282	92	93	Calm 0	Calm 0	4	10	0.274	
7	29°61	29°61	44°	37°	36°	55°	249	205	85	92	W 1	ENE 0.5	10	0	0.022	
8	30°01	29°91	49°	52°	50°	52°	291	315	84	81	SW 3	SW 5	10	10	—	Squally p.
9	30°12	30°39	48°	39°	39°	53°	298	222	87	92	SW 0.5	Calm 0	7	0	—	
10	30°41	30°41	42°	52°	52°	52°	235	336	89	85	SSE 0.5	SE 4	0	7	—	Squally op.
11	30°19	30°19	52°	52°	49°	54°	362	378	91	95	SSE 2	SSE 2	10	10	0.486	☔ (mist) ga.
12	30°04	30°04	54°	40°	40°	54°	394	243	94	90	S 0.5	Calm 0	10	0	0.062	☔ (mist) op.
13	30°54	30°54	30°	31°	28°	45°	153	170	88	90	Calm 0	Calm 0	0	5	—	☔ a. and p.
14	30°53	30°53	40°	38°	38°	46°	191	255	85	92	Calm 0	Calm 0	0	10	—	



## DUNROBIN CASTLE.

Height above Mean Sea Level, 12 feet. Long. 3° 59' W. Lat. 57° 57' N.

DECEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	30.3	38.2	27.0	39.7	ins.	ins.	81	79	S	SW	—	—	ins.	Dull and cold.
2	29.93	29.74	37.1	41.0	35.6	43.5	1.139	1.181	81	79	S	SW	—	—	1.090	
3	30.00	30.09	40.6	37.1	34.5	45.3	1.185	1.215	84	82	SE	NW	—	—	1.220	Dull, with showers.
4	30.08	30.18	33.5	33.1	31.5	42.5	1.178	1.172	93	91	SE	NW	—	—	1.070	
5	30.40	30.17	34.5	41.9	30.5	41.9	1.167	1.212	83	80	NW	NW	—	—	1.110	
6	30.11	30.05	38.2	41.4	37.4	45.3	1.210	1.238	92	91	W	W	—	—	1.250	Dull day.
7	30.20	30.10	40.6	38.2	36.8	42.7	1.212	1.204	84	89	W	W	—	—	1.100	Dull, with showers.
8	30.15	30.42	39.6	39.4	33.5	42.7	1.186	1.193	76	80	NW	W	—	—	1.050	Clear and cold.
9	30.50	30.66	37.6	39.2	34.0	41.7	1.138	1.186	61	78	W	NW	—	—	—	Clear and cold.
10	30.39	30.93	43.4	43.6	33.7	46.7	1.230	1.242	81	85	NW	NW	—	—	—	Clear.
11	30.08	30.68	45.4	43.2	41.7	47.5	1.223	1.225	90	80	NW	NW	—	—	1.050	
12	30.79	30.60	37.6	48.0	36.4	48.7	1.205	1.253	91	76	NW	W	—	—	—	Dull and windy.
13	30.62	30.75	44.6	37.1	36.8	48.5	1.252	1.203	86	92	W	W	—	—	1.400	
14	30.17	30.07	40.9	40.0	36.8	51.5	1.261	1.179	82	70	W	W	—	—	1.070	Blowy.
15	30.20	30.33	37.1	39.6	36.4	42.3	1.179	1.166	81	68	NW	W	—	—	1.080	Windy. showers.
16	30.47	30.35	36.3	32.5	31.3	45.5	1.181	1.159	85	86	NW	W	—	—	1.150	* showers.
17	30.32	30.54	33.1	38.6	27.3	38.7	1.162	1.175	86	75	NW	W	—	—	1.130	* showers.
18	30.23	30.11	36.5	37.6	33.5	41.0	1.192	1.184	89	81	W	SW	—	—	1.050	
19	30.93	30.03	35.5	33.8	31.7	39.0	1.189	1.168	91	86	NW	SW	—	—	—	Clear and frosty.
20	30.24	30.09	30.3	37.6	30.5	40.5	1.194	1.175	91	77	NW	W	—	—	—	Clear.
21	30.26	30.40	36.1	30.3	29.5	49.3	1.183	1.139	86	81	NW	N	—	—	—	
22	30.34	30.19	27.5	27.3	26.5	38.7	1.144	1.118	96	80	N	N	—	—	—	Clear and frosty.
23	30.10	30.49	26.5	29.3	24.7	34.9	1.122	1.140	85	87	N	N	—	—	—	
24	30.04	30.07	39.6	37.1	29.0	42.7	1.204	1.188	84	85	N	SW	—	—	1.080	
25	30.46	30.02	35.5	36.5	34.0	42.3	1.185	1.214	89	99	N	W	—	—	1.050	
26	30.99	30.03	39.4	40.4	36.1	40.5	1.218	1.226	91	91	SW	N	—	—	—	Dull and cloudy.
27	30.03	30.99	34.8	37.4	33.7	40.4	1.188	1.185	93	83	SW	W	—	—	—	Clear and cold.
28	30.96	30.89	35.1	31.3	31.3	41.3	1.193	1.152	94	87	NE	SE	—	—	—	Milder.
29	30.88	30.84	38.2	40.4	29.3	42.3	1.160	1.214	69	86	NE	N	—	—	—	Milder.
30	30.89	30.91	32.8	36.3	32.0	40.5	1.172	1.197	92	92	N	SW	—	—	—	
31	30.96	30.09	32.1	43.2	32.1	43.2	1.169	1.219	93	79	SE	SE	—	—	—	
Means	29.572	29.601	36.8	37.8	32.7	42.9	1.190	1.190	86.1	83.2	—	—	—	—	2.030	

## BRAEMAR.

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

DECEMBER 1884.

1	29.95	29.81	29.7	30.9	19.4	33.5	1.173	1.100	100	100	NW	1	SW	2	10	8	1.280	Dark and dull.
2	29.40	29.40	34.1	32.9	30.9	37.8	1.173	1.158	87	85	SW	1	SW	1	8	8	1.020	* showers.
3	28.94	28.91	35.1	36.6	32.9	45.7	1.195	1.176	95	81	NE	0.5	NW	2	10	7	—	
4	29.08	29.21	29.4	32.7	29.4	37.6	1.144	1.161	89	87	SW	0.5	SW	0.5	7	7	—	
5	30.45	30.34	28.7	34.1	27.2	35.9	1.158	1.175	100	88	NW	1	SW	8	6	10	1.150	Fair, clear and frosty.
6	30.19	30.13	38.6	37.6	34.1	41.5	1.196	1.184	84	81	SW	2	SW	8	5	0	1.380	Stormy, with showers.
7	30.29	30.18	37.8	34.7	34.7	39.9	1.185	1.182	82	90	SW	2	SW	2	10	10	1.230	Dark, with all day.
8	30.23	30.45	34.5	34.4	32.5	37.6	1.184	1.148	92	74	SW	4	SW	2	8	3	—	* showers.
9	30.58	30.69	32.2	32.7	30.8	35.6	1.149	1.152	81	82	SW	4	SW	6	6	2	—	Cold and stormy.
10	30.46	30.07	38.1	40.9	25.9	44.5	1.221	1.209	96	82	SW	6	SW	4	8	6	1.590	Dark and dull.
11	30.08	30.62	39.6	39.8	38.7	42.5	1.227	1.202	93	83	W	0.5	SW	1	10	10	1.040	Dark, with showers.
12	30.90	30.63	37.3	42.6	36.1	45.3	1.195	1.215	88	80	SW	2	SW	2	1	9	1.090	* showers.
13	30.66	30.82	42.6	36.8	36.8	44.5	1.225	1.191	83	88	SW	4	SW	1	9	6	1.240	Stormy, with showers.
14	30.27	30.26	42.9	34.7	34.1	50.5	1.235	1.162	85	80	SW	8	SW	10	10	10	1.130	* showers.
15	30.31	30.41	32.7	30.7	28.6	45.3	1.161	1.172	87	100	SW	4	SW	2	7	7	1.020	* showers.
16	30.51	30.42	31.5	30.7	28.8	32.4	1.169	1.147	95	85	SW	2	SW	0.5	2	10	1.080	* showers.
17	30.37	30.56	28.9	32.7	25.0	35.8	1.134	1.165	95	89	SW	2	SW	4	7	4	1.060	
18	29.23	29.08	31.9	33.7	31.4	37.8	1.177	1.154	97	80	SW	6	SW	4	7	7	—	* and * (sleet).
19	28.97	28.98	35.5	33.9	32.1	36.3	1.179	1.167	85	85	SW	2	SW	1	9	4	1.090	* and * (sleet).
20	29.18	29.83	34.7	32.7	29.6	37.6	1.162	1.165	80	89	NE	2	N	4	9	10	—	* and * (sleet).
21	30.20	30.44	32.5	25.2	25.2	34.6	1.155	1.136	84	100	NW	1	N	0.5	7	0	—	Clear and frosty.
22	30.45	30.32	14.2	20.5	13.9	32.5	1.111	1.100	100	100	SW	0.5	SW	0.5	7	0	1.040	Clear and frosty.
23	30.19	30.19	28.7	27.7	20.5	32.5	1.158	1.151	100	100	SW	1	SW	0.5	2	0	—	Clear and frosty.
24	30.11	30.17	36.6	34.7	26.4	38.8	1.161	1.152	74	75	NW	1	NW	2	7	9	—	
25	30.20	30.25	33.9	21.2	21.2	37.6	1.155	1.114	79	100	NE	1	N	0.5	8	0	—	Clear and frosty.
26	30.14	30.14	33.5	33.1	20.7	39.3	1.192	1.189	100	100	NE	0.5	NE	0.5	6	8	—	Clear and mild.
27	30.16	30.11	30.7	36.6	26.6	40.8	1.147	1.201	85	93	NW	0.5	SW	1	10	7	—	Clear and mild.
28	30.07	30.06	35.9	27.4	26.4	37.6	1.187	1.134	88	90	SW	1	SW	1	9	10	—	~ p.
29	29.91	29.92	34.7	34.0	24.4	35.6	1.176	1.176	89	87	S	1	SW	1	10	8	—	Dull and damp.
30	30.09	29.97	27.7	32.5	26.1	35.6	1.136	1.147	90	79	SW	0.5	SW	1	9	7	—	Clear and frosty.
31	29.98	30.03	32.5	36.0	30.6	37.8	1.168	1.186	91	87	SW	0.5	SW	4	10	8	—	~ ga.
Means	29.626	29.659	33.3	33.1	28.4	38.7	1.173	1.166	89.4	87.8	—	—	—	—	2.5	7.5	2.440	

## LAUDALE.

Height above Mean Sea Level, 14 feet. Long. 5° 41' W. Lat. 56° 41' N.

DECEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	38°0	38°0	27.2	39°1	in.	in.	%	%	E	3	SE	8	10	10	ins.	Dull, gloomy, and cold. ☁ (mist).
2	29.88	29.70	38°0	38°0	27.2	39°1	—	—	—	—	S	1	W	1	10	10	°600	Gloomy a. ☁ (mist). ● showers.
3	29.29	29.32	46°0	42.9	37.2	47.2	—	—	—	—	E	2	W	4	10	6	°180	Gloomy a. ☁ mist. ● showers.
4	28.86	28.09	43.1	41.6	38.1	44.0	—	—	—	—	Calm	0	W	7	10	10	°530	☁ (mist) ga. Dull. ⚡ ☀ * op.
5	29.05	29.24	35.1	36.2	34.6	44.6	—	—	—	—	Calm	0	SSE	6	6	10	°910	☁ (mist) ⚡ p. ☀ 11.30p.
6	30.50	30.19	36.5	44.0	35.9	44.3	—	—	—	—	W	9	W	6	9	5	°540	☁ all day. < p.
7	30.16	30.13	46.3	47.2	43.0	50.9	—	—	—	—	W	2	W	3	10	5	°180	☁ (mist) a. Cold. ● showers all day.
8	30.25	30.15	41.9	43.4	38.8	47.9	—	—	—	—	W	8	W	3	8	6	°530	☁ ☀ Cold. ☁ (mist) op.
9	30.57	30.66	37.6	39.2	34.0	41.7	—	—	—	—	W	3	W	4	8	7	1620	* a. ☀ showers. Cold.
10	30.39	30.93	43.4	43.6	33.7	46.7	—	—	—	—	Calm	0	W	5	10	10	1°550	☁ (mist) ga. ☀ all day. [WNW.
11	30.13	30.70	46.9	44.8	40.8	52.9	—	—	—	—	W	5	WNW	3	10	7	°410	☁ (mist) ga. ☀ till 3p., then ⚡ from
12	29.76	29.69	44.8	49.8	40.8	52.9	—	—	—	—	S	5	W	5	10	10	1°210	☁ (mist) ga. Very threatening.
13	29.68	29.69	49.9	45.0	44.8	50.5	—	—	—	—	W	8	S	1	10	10	1°250	Day dark and gloomy. [☁ ☀
14	29.29	29.28	47.0	43.1	40.0	54.0	—	—	—	—	W	9	W	7	10	10	°150	☁ (mist) ga. ⚡ ☀ showers.
15	29.35	29.49	40.0	37.0	35.6	43.1	—	—	—	—	W	8	SW	5	7	9	°320	* ☀ showers a. ☀ ☀
16	29.53	29.44	39.4	35.2	35.0	42.0	—	—	—	—	W	7	W	1	10	6	°130	☀ ☀ showers a.
17	29.42	29.68	34.0	40.6	33.8	41.2	—	—	—	—	S	2	W	5	10	4	°700	* ☀ a. (☀ 1/4 inch deep.)
18	29.32	29.11	39.3	42.0	33.9	45.2	—	—	—	—	SSE	2	W	5	10	7	°760	* ☀ a. (☀ 2 inches deep.)
19	28.92	28.90	42.2	38.0	37.9	45.2	—	—	—	—	W	10	W	1	10	10	°280	☀ ☀ showers a. ☀ ☀ op.
20	29.24	29.90	38.9	39.0	31.7	41.0	—	—	—	—	N	1	SE	2	6	4	°060	
21	30.24	30.38	36.4	30.0	29.0	40.5	—	—	—	—	Calm	0	Calm	0	3	0	—	
22	30.39	30.25	32.3	37.0	29.1	38.1	—	—	—	—	NE	1	E	1	0	5	—	Fine all day. ☀ op.
23	30.15	30.17	39.2	39.0	34.6	39.9	—	—	—	—	E	1	Calm	0	10	3	°020	Dark and gloomy day.
24	30.18	30.20	39.3	40.0	37.3	43.7	—	—	—	—	Calm	0	NW	1	9	8	—	Dark and gloomy day.
25	30.21	30.21	35.3	38.0	30.0	41.1	—	—	—	—	Calm	0	Calm	0	1	9	°010	Fine all day.
26	30.14	30.14	39.0	40.4	36.7	42.2	—	—	—	—	SSE	2	Calm	0	10	10	°040	☁ (mist) ga.
27	30.15	30.10	42.0	42.8	39.0	44.6	—	—	—	—	W	1	W	2	10	10	—	☁ (mist) a. Dark and gloomy all day.
28	30.06	29.93	41.0	38.0	37.0	43.0	—	—	—	—	S	2	E	1	9	5	—	☁ (mist) a. Cold and dull all day.
29	29.80	29.77	35.8	38.8	34.0	41.0	—	—	—	—	SE	1	S	2	2	7	—	[with ☁.
30	29.87	29.91	38.0	39.0	37.0	39.0	—	—	—	—	S	6	E	4	10	10	°010	Very dark a. Threatening appearance all day.
31	29.91	30.00	41.2	42.8	35.0	43.0	—	—	—	—	E	4	E	6	10	10	°210	☁ (mist) * a. Dark and gloomy a.
Means	29.611	29.645	40.6	40.9	36.4	44.4	—	—	—	—	3.3		5.2	8.3	7.5	12.980		



## ROTHESAY.

Height above Mean Sea Level, 115 feet. Long. 5° 4' W. Lat. 55° 50' N.

DECEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.		Tension of Vapour.		Relative 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.	
1	ins.	ins.	35°	39°	31°	39°	in.	in.	NE	SSW	—	—	ins.	Dull and dark.
2	29° 94	29° 78	35°	39°	31°	39°	in.	in.	S	W	—	—	ins.	Dull and blowy.
3	28° 90	28° 18	44°	40°	39°	40°	206	208	W	Calm	—	—	ins.	Dull, with showers.
4	29° 05	29° 32	36°	36°	34°	41°	204	204	NE	WNW	—	—	ins.	Dull, with showers.
5	29° 51	29° 32	39°	45°	34°	46°	192	300	NW	SW	—	—	ins.	Dull and raw.
6	29° 29	29° 30	46°	44°	42°	50°	247	245	SW	W	—	—	ins.	Dull, with showers.
7	29° 35	29° 25	45°	39°	39°	48°	273	233	SW	W	—	—	ins.	Dull, with showers.
8	29° 39	29° 58	41°	36°	36°	44°	220	204	WSW	NW	—	—	ins.	Dull, with showers.
9	29° 68	29° 79	40°	37°	34°	43°	221	192	WSW	Calm	—	—	ins.	Dull, with showers.
10	29° 56	29° 24	45°	45°	37°	49°	279	285	S	SW	—	—	ins.	Dull, with showers.
11	29° 24	29° 70	45°	44°	42°	47°	256	231	SW	NW	—	—	ins.	Dull, with showers.
12	29° 89	29° 77	44°	47°	40°	50°	251	330	SW	SW	—	—	ins.	Dull, with showers.
13	29° 79	29° 75	49°	47°	45°	49°	324	318	SSW	S	—	—	ins.	Dull, with showers.
14	29° 41	29° 46	45°	41°	38°	53°	254	189	SW	W	—	—	ins.	(gale) 2 p. - 3 p. showers.
15	29° 47	29° 57	36°	35°	34°	42°	203	180	SW	NW	—	—	ins.	Dull, (sleet) squalls.
16	29° 63	29° 50	38°	35°	32°	41°	202	191	W	W	—	—	ins.	Dull, (sleet) squalls.
17	29° 49	29° 74	31°	36°	31°	38°	159	177	W	NW	—	—	ins.	* showers. (* 1-inch deep.)
18	29° 40	29° 21	42°	38°	34°	43°	249	196	SW	W	—	—	ins.	Dull, with showers.
19	29° 08	29° 06	41°	39°	37°	43°	235	235	WSW	W	—	—	ins.	K 8 a. - 9 a. showers.
20	29° 23	29° 58	35°	35°	34°	42°	180	164	NW	Calm	—	—	ins.	Fine day.
21	30° 22	30° 40	35°	30°	29°	42°	171	128	Calm	N	—	—	ins.	Fine day.
22	29° 42	29° 31	25°	31°	25°	33°	106	144	Calm	Calm	—	—	ins.	Fine and clear.
23	29° 18	29° 21	35°	39°	31°	37°	166	167	SE	SW	—	—	ins.	Dull and cloudy
24	29° 21	29° 21	35°	35°	34°	44°	185	170	NW	N	—	—	ins.	Dull, with ∞.
25	29° 22	29° 25	33°	30°	30°	43°	168	140	NW	Calm	—	—	ins.	Dull and mild.
26	29° 17	29° 15	35°	30°	29°	41°	184	242	SE	Calm	—	—	ins.	Dull, with ∞.
27	29° 20	29° 16	40°	40°	38°	42°	242	227	Calm	Calm	—	—	ins.	Dull and mild.
28	29° 10	29° 06	36°	32°	32°	41°	199	175	SE	E	—	—	ins.	Dull and breezy.
29	29° 85	29° 85	35°	35°	31°	36°	163	167	SE	SE	—	—	ins.	Dull and cold.
30	29° 93	29° 06	35°	35°	35°	37°	161	158	SE	SE	—	—	ins.	Dull and damp.
31	29° 99	29° 08	38°	39°	33°	47°	225	219	SE	SE	—	—	ins.	Dull and damp.
Means	29° 683	29° 721	39° 1	38° 4	35° 0	43° 6	214	208	87° 6	87° 5	—	—	6° 738	

## PINMORE.

Height above Mean Sea Level, 187 feet. Long. 4° 49' W. Lat. 55° 12' N.

DECEMBER 1884.

1	29° 94	29° 85	26°	37°	21°	37°	117	193	82	87	E	0°	E	4	—	—	360	
2	29° 45	29° 46	38°	37°	37°	45°	226	200	98	92	E	4	E	0°	—	—	540	
3	29° 06	29° 25	46°	40°	37°	50°	320	223	94	90	SW	3	SW	4	—	—	450	
4	29° 02	29° 41	35°	39°	35°	44°	200	227	97	95	NW	4	NW	6	—	—	380	K 6 p. - 8 p.
5	29° 55	29° 44	42°	43°	30°	44°	197	253	71	91	N	4	N	4	—	—	190	
6	29° 39	29° 40	42°	44°	35°	49°	251	220	92	76	SW	3	W	6	—	—	060	
7	29° 47	29° 32	45°	42°	42°	47°	252	246	84	92	SW	4	SW	4	—	—	150	
8	29° 51	29° 66	38°	39°	38°	57°	199	227	87	95	SW	0°	SW	4	—	—	010	
9	29° 77	29° 88	37°	39°	35°	41°	195	205	86	87	W	0°	NW	4	—	—	270	
10	29° 67	29° 35	46°	47°	39°	49°	251	253	79	78	SW	8	SW	8	—	—	400	
11	29° 35	29° 72	44°	44°	44°	47°	214	234	73	80	N	8	N	6	—	—	010	Meteors seen.
12	29° 06	29° 84	44°	49°	38°	51°	242	279	83	85	N	4	NW	0°	—	—	980	
13	29° 89	29° 85	47°	47°	41°	49°	238	310	72	95	NW	0°	NW	8	—	—	320	
14	29° 51	29° 59	43°	40°	40°	52°	240	205	85	83	NW	3	NW	4	—	—	—	
15	29° 55	29° 66	38°	34°	34°	48°	197	192	85	95	N	4	NW	8	—	—	070	
16	29° 72	29° 57	39°	37°	34°	44°	204	184	85	83	SW	4	SW	1	—	—	130	
17	29° 54	29° 80	34°	37°	32°	38°	167	184	84	83	N	3	N	4	—	—	370	K 9 a.
18	29° 49	29° 31	40°	39°	33°	43°	236	199	93	83	SW	4	W	6	—	—	240	
19	29° 23	29° 10	41°	40°	35°	43°	213	206	83	83	W	6	NW	3	—	—	710	K
20	29° 25	29° 01	34°	39°	33°	42°	195	202	98	85	N	3	N	3	—	—	—	
21	30° 24	30° 42	30°	24°	24°	39°	160	117	93	87	N	0°	N	0°	—	—	—	
22	29° 45	29° 35	20°	21°	19°	35°	108	100	100	86	N	0°	N	0°	—	—	—	
23	29° 20	29° 25	31°	30°	21°	35°	157	145	79	85	SW	3	NW	0°	—	—	—	
24	29° 26	29° 22	31°	35°	25°	42°	153	201	87	97	N	0°	N	0°	—	—	—	
25	29° 26	29° 28	29°	23°	23°	36°	163	125	100	100	N	0°	N	0°	—	—	—	
26	29° 21	29° 22	28°	34°	30°	34°	148	198	96	100	N	0°	N	0°	—	—	050	
27	29° 31	29° 22	36°	37°	34°	39°	212	202	99	92	N	0°	N	3	—	—	—	
28	29° 14	29° 09	33°	28°	28°	37°	171	149	89	94	N	0°	S	0°	—	—	—	
29	29° 09	29° 06	33°	35°	30°	35°	154	187	80	91	SE	0°	SE	0°	—	—	—	
30	29° 05	29° 07	34°	35°	34°	36°	176	168	88	81	SE	0°	SE	0°	—	—	020	
31	29° 09	29° 13	36°	39°	34°	39°	186	235	86	98	S	0°	S	4	—	—	090	
Means	29° 745	29° 782	37° 3	37° 5	32° 5	43° 1	198	202	87° 4	88° 5	—	—	—	—	—	—	5° 800	

## SCALEBY (NEAR CARLISLE).

Height above Mean Sea Level, 111 feet. Long. 2° 52' W. Lat. 54° 58' N.

DECEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	33°	34°	32°	35°	in.	in.	90	85	Calm	0	E	8	10	10	ins.	Overcast all day.
2	29° 93	29° 88	33°	34°	32°	35°	1° 02	1° 02	85	81	SE	6	Calm	0	10	10	2° 30	Squally 9 a. Overcast day.
3	29° 45	29° 47	37°	37°	32°	45°	1° 05	1° 05	90	85	SW	6	SW	5	10	3	2° 30	Squally 9 a. and before.
4	28° 99	28° 26	47°	40°	36°	50°	2° 88	2° 05	90	83	SW	6	SW	5	10	3	2° 50	
5	28° 94	28° 36	36°	38°	35°	40°	1° 84	1° 05	87	85	E	3	SW	7	10	4	2° 50	
6	29° 47	29° 53	38°	40°	34°	42°	1° 12	1° 23	91	89	SW	7	SW	4	8	10	—	
7	29° 40	29° 41	41°	41°	40°	50°	2° 14	2° 42	83	78	SW	8	SW	8	10	10	1° 30	
8	29° 53	29° 43	47°	46°	42°	50°	2° 41	2° 72	75	87	SW	8	SW	10	10	10	1° 45	
9	29° 51	29° 68	41°	39°	38°	47°	2° 04	2° 24	80	94	SW	5	SW	6	4	3	—	
10	29° 75	29° 87	34°	36°	33°	41°	1° 18	1° 00	91	90	Calm	0	SW	5	1	3	0° 40	
11	29° 71	29° 29	43°	48°	33°	50°	2° 45	2° 04	87	87	SW	5	SW	10	10	10	2° 50	
12	29° 35	29° 60	44°	43°	43°	49°	2° 24	2° 31	77	82	SW	6	Calm	0	8	0	0° 10	
13	29° 93	29° 75	41°	51°	39°	52°	2° 27	3° 57	89	94	SW	2	SW	7	10	5	1° 30	Squally 9 p.
14	29° 89	29° 83	49°	47°	45°	52°	3° 55	2° 05	100	91	SW	4	W	1	10	10	1° 30	Overcast day.
15	29° 48	29° 60	52°	41°	41°	54°	3° 70	1° 86	94	72	SW	7	SW	7	10	3	2° 10	Squally 9 a. and p. Overcast.
16	29° 46	29° 36	38°	37°	33°	43°	1° 75	1° 72	76	76	SW	3	SW	5	9	2	0° 20	
17	29° 69	29° 56	41°	39°	34°	43°	2° 07	2° 04	80	85	W	7	SW	4	10	3	1° 10	Squally 9 a. and before.
18	29° 47	29° 75	32°	33°	30°	40°	1° 64	1° 73	90	91	SW	3	SW	4	7	0	0° 40	
19	29° 50	29° 28	39°	38°	32°	45°	1° 97	1° 06	83	85	SW	5	SW	8	10	5	1° 30	
20	29° 22	29° 12	40°	39°	35°	43°	1° 93	2° 04	76	85	SW	8	SW	2	10	10	2° 60	
21	29° 15	29° 76	34°	37°	33°	40°	1° 76	1° 51	88	67	NW	3	N	4	5	0	—	
22	30° 13	30° 36	31°	33°	30°	42°	1° 34	1° 73	76	91	W	1	Calm	0	9	3	—	
23	29° 39	29° 31	25°	28°	24°	34°	1° 30	1° 50	95	96	N	1	E	1	0	0	—	Fine all day.
24	29° 22	29° 22	30°	32°	25°	35°	1° 47	1° 04	87	90	E	1	Calm	0	10	10	—	
25	29° 20	29° 15	29°	28°	26°	36°	1° 38	1° 30	85	84	Calm	0	Calm	0	10	10	—	
26	29° 16	29° 20	31°	32°	26°	38°	1° 55	1° 25	88	68	N	1	Calm	0	9	0	—	
27	29° 24	29° 18	25°	25°	21°	36°	1° 27	1° 58	93	77	NE	1	SE	3	10	10	—	
28	29° 25	29° 21	33°	34°	32°	37°	1° 19	1° 09	100	100	Calm	0	S	1	10	10	—	Overcast all day.
29	30° 12	30° 06	27°	30°	27°	36°	1° 21	1° 47	83	87	Calm	0	E	2	2	0	—	
30	29° 86	29° 84	34°	32°	24°	37°	1° 08	1° 05	85	90	Calm	0	E	1	10	10	—	Overcast all day.
31	29° 93	29° 99	29°	31°	28°	34°	1° 38	1° 55	85	88	NE	1	Calm	0	2	10	—	
32	30° 04	30° 16	34°	39°	31°	40°	1° 55	1° 02	78	81	E	1	S	4	9	10	—	Overcast all day.
Means	29° 723	29° 761	37°	38°	33°	42°	1° 04	1° 08	85°	85°	3°	3°	8°	8°	5°	3°	30	



**CRONKBORNE (DOUGLAS), ISLE OF MAN.**  
Height above Mean Sea Level, 137 feet. Long. 4° 29' W. Lat. 54° 10' N.  
DECEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	37°	41°	36°	41°	200	242	91	92	NNW 1	SSE 2-3	10	10	ins.	☁ (mist) a. and p.
2	29°89	29°83	37°	41°	36°	41°	200	242	91	92	NNW 1	SSE 2-3	10	10	774	☁ (mist) a. and p.
3	29°43	29°49	49°	49°	43°	40°	249	249	99	89	WSW 5	SSW 2	10	10	500	Squally ☁ a. Dull afternoon.
4	29°08	29°27	48°	41°	41°	51°	297	232	87	88	W 7	WSW 2	10	1	713	Squally ☁ a. ☁ showers from 3p.
5	28°07	29°44	42°	40°	39°	45°	253	229	94	91	WNW 4	W 6-7	10	4	130	☁ a. Squally ☁ a. ☁ p.
6	29°62	29°47	42°	48°	38°	48°	230	230	86	95	WNW 7-8	SSW 5	2	10	642	Squally ☁ a. and p. ☁ a. ☁ p.
7	29°44	29°48	47°	47°	46°	51°	283	283	91	87	SW 5	WSW 5	3	10	071	Dull. Squally ☁ a. ☁ (mist) p.
8	29°54	29°36	48°	46°	46°	50°	299	299	90	94	SSW 7-8	WSW 4-5	8	10	274	Overcast, with squally ☁ a. ☁ (mist) p.
9	29°56	29°73	43°	40°	40°	47°	244	227	87	90	WSW 6-7	W 3-4	4	2	005	Squally ☁ a. Dull day. ☁ a. ☁ p.
10	29°79	29°92	39°	41°	38°	42°	222	234	92	91	W 5	WSW 3	1	4	120	Fine day.
11	29°71	29°37	47°	47°	41°	50°	299	233	95	98	SSW 6-7	W 4-5	10	10	316	Squally ☁ a. and p. ☁ a. ☁ p.
12	29°42	29°66	45°	47°	44°	48°	291	291	94	91	WSW 5	NW 8-9	10	1	013	Squally ☁ a. and p. Dull day.
13	29°99	29°85	45°	52°	43°	52°	282	271	93	95	SW 4	WSW 3-4	10	8	280	Overcast, with ☁ a. ☁ showers.
14	29°00	29°83	51°	51°	48°	52°	357	372	95	96	WSW 4	SW 4-5	7	10	354	Dull day. ☁ (mist) p.
15	29°58	29°67	44°	43°	43°	51°	283	250	86	89	WNW 5	WSW 4	10	6	081	Squally ☁ (gale) ☁ early a. ☁ (mist) a.
16	29°53	29°72	41°	39°	38°	43°	225	219	87	92	W 4	W 4	7	7	003	☁ a. ☁ a. and p. ☁ a. ☁ p.
17	29°79	29°59	42°	42°	38°	42°	247	243	92	91	WSW 6	W 4	9	8	111	Squally ☁ (gale) a. ☁ a. ☁ p.
18	29°54	29°83	35°	35°	34°	42°	192	199	92	96	NW 6-7	W 3	7	2	477	Squally ☁ a. ☁ a. ☁ a. ☁ a.
19	29°52	29°35	46°	41°	35°	48°	231	231	98	90	WSW 5	WSW 6	10	7	030	☁ a. ☁ a. ☁ a. ☁ a. ☁ a.
20	29°31	29°13	41°	42°	40°	44°	239	258	91	97	W 7-8	SW 2	3	10	459	Squally ☁ a. ☁ (mist) p.
21	29°21	29°83	40°	40°	36°	43°	227	226	92	89	NNW 5-6	NNW 4-5	2	2	—	Squally ☁ a. and p. Fine day.
22	29°30	29°35	36°	36°	32°	41°	194	204	90	95	N 1	NNE 2	2	0	—	☁ a. and p. Fine day.
23	29°40	29°30	31°	40°	31°	41°	164	186	93	75	Calm	SE 3	0	7	—	☁ a. and p. Fine day. ☁ (mist) p.
24	29°18	29°20	39°	36°	36°	40°	169	178	72	83	SE 2	ENE 2	10	10	—	☁ a. ☁ a. ☁ a. ☁ a. ☁ a.
25	29°22	29°18	33°	40°	28°	42°	149	213	76	84	Calm	NNW 1	10	4	—	☁ a. ☁ a. ☁ a. ☁ a. ☁ a.
26	29°18	29°20	36°	35°	33°	41°	180	176	84	84	N 1	NE 1	4	0	—	☁ a. and p. Fine day. ☁ (mist) p.
27	29°18	29°18	28°	36°	20°	37°	142	199	92	94	Calm	0	3	10	020	☁ a. ☁ a. ☁ a. ☁ a. ☁ a.
28	29°22	29°19	40°	37°	32°	41°	237	182	96	83	E 1	ESE 2	10	10	002	☁ a. ☁ a. ☁ a. ☁ a. ☁ a.
29	29°09	29°92	36°	36°	31°	37°	201	180	94	82	ESE 4	ESE 4-5	10	10	—	☁ a. and p. ☁ a. ☁ a. ☁ a. ☁ a.
30	29°82	29°84	36°	37°	35°	37°	185	179	86	81	ESE 5	SE 3	10	10	—	☁ a. ☁ a. ☁ a. ☁ a. ☁ a.
31	29°91	29°95	37°	38°	36°	38°	178	198	80	85	SE 3	SSE 2	10	10	014	Dull and overcast. ☁ a. ☁ a. ☁ a. ☁ a.
Means	29°01	29°11	42°	44°	38°	45°	236	270	88	93	ESE 5	SE 4	10	10	064	Squally ☁ a. ☁ a. ☁ a. ☁ a.

## STONYHURST.

Height above Mean Sea Level, 375 feet. Long. 2° 28' W. Lat. 53° 51' N.

DECEMBER 1884.

1	29°92	29°93	33°6	33°1	30°4	43°5	*160	*166	83	88	E 1	Calm	0	10	10	175	Gloomy all day.
2	29°60	29°55	36°1	36°8	32°2	43°3	*194	*225	91	89	SE 2	W 1	10	10	10	151	Gloomy all day.
3	29°19	29°30	47°2	42°1	38°6	50°1	*271	*224	84	84	WSW 6	W 2	10	7	230	☁ during the evening.	
4	29°01	29°47	41°2	41°0	35°9	52°3	*235	*201	92	78	SW 2	W 4	10	8	641	☁ during the evening.	
5	29°61	29°60	40°9	40°9	37°2	46°5	*202	*236	79	93	W 4	S 1	10	10	784	☁ <sup>2</sup> early a.	
6	29°51	29°58	45°3	46°3	40°2	50°0	*272	*241	90	77	WSW 2	W 3	6	10	045		
7	29°68	29°47	44°5	44°0	43°6	50°6	*246	*274	84	95	SW 2	SW 2	10	10	610		
8	29°64	29°78	42°4	39°5	38°6	47°8	*223	*212	83	88	WSW 2	WSW 3	10	10	100		
9	29°83	29°96	37°6	38°1	36°2	46°4	*202	*189	90	82	WSW 1	W 2	4	0	100		
10	29°85	29°42	41°2	48°0	36°4	49°1	*235	*309	92	93	SSW 4	WSW 4	10	10	685		
11	29°45	29°65	43°5	44°9	42°9	49°8	*251	*254	89	86	WSW 4	W 3	10	0	112		
12	29°04	29°00	40°9	49°2	37°7	50°3	*236	*327	93	94	SW 1	WSW 5	9	10	608		
13	29°65	29°03	49°2	50°4	47°2	50°8	*345	*356	99	97	W 3	SW 2	10	10	068		
14	29°07	29°22	50°6	42°9	39°8	52°3	*312	*207	85	76	SSW 4	WSW 3	10	10	502		
15	29°05	29°73	37°0	39°0	32°8	44°1	*202	*174	92	74	WSW 1	W 5	10	7	165		
16	29°85	29°64	37°9	37°8	36°4	44°0	*183	*208	80	91	SW 3	W 3	9	10	535		
17	29°52	29°83	35°9	36°8	33°3	44°3	*169	*194	80	89	W 2	W 3	10	2	155		
18	29°04	29°40	36°2	40°2	33°2	44°2	*194	*194	91	78	SW 2	W 4	10	7	235		
19	29°36	29°24	41°1	41°0	38°7	46°3	*203	*221	79	86	W 5	WSW 2	10	10	219		
20	29°12	29°75	37°0	38°0	33°6	45°7	*180	*173	82	75	NW 3	NE 1	9	2	001		
21	29°16	29°32	35°3	36°4	34°6	43°8	*132	*195	65	90	WNW 1	N 2	4	0	—		
22	29°38	29°31	37°2	33°6	32°1	41°3	*184	*151	83	79	NNE 1	Calm	0	2	—		
23	29°22	29°19	34°4	34°3	30°4	41°3	*153	*140	76	71	Calm	NE 1	10	10	—		
24	29°22	29°17	32°0	31°0	28°8	45°0	*117	*148	65	85	NW 1	Calm	0	10	8	—	
25	29°14	29°17	35°2	36°1	28°8	41°1	*147	*169	71	79	NNW 1	NE 2	7	0	—		
26	29°30	29°21	30°0	34°0	29°0	40°9	*140	*176	83	88	Calm	Calm	0	10	—		
27	29°26	29°24	32°4	32°0	28°3	39°0	*165	*141	87	77	Calm	Calm	0	10	—		
28	29°14	29°97	30°1	32°9	29°1	37°0	*139	*150	82	80	NE 1	E 1	0	10	—		
29	29°88	29°88	34°7	34°0	27°3	37°0	*174	*160	86	81	E 2	E 1	10	10	—		
30	29°94	29°04	30°0	32°9	29°1	37°6	*138	*148	82	79	Calm	Calm	0	10	—		
31	29°13	29°23	31°1	39°0	29°4	40°8	*126	*199	71	84	Calm	ESE 2	4	10	—		
Means	29°00	29°24	38°1	39°0	34°6	45°0	*198	*205	83°5	84°1	2°0	2°0	7°8	7°5	6°321		

## WAKEFIELD.

Height above Mean Sea Level, 96 feet. Long. 1° 30' W. Lat. 53° 41' N.

DECEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	37°	33°	28°	33°	186	192	100	100	ESE 2	ENE 1	10	10	ins.	Dull and gloomy.	
2	29°95	29°94	37°	33°	28°	33°	186	192	100	100	ESE 2	ENE 1	10	10	140	Dull and gloomy.	
3	29°67	29°55	33°	41°	32°	41°	190	247	99	94	ESE 2	SSW 2	10	10	240	Dull and gloomy.	
4	29°27	29°30	32°	43°	40°	53°	225	254	81	91	WSW 6	WNW 3	10	7	100	Dull and gloomy.	
5	29°04	29°41	43°	39°	37°	44°	260	238	91	97	SW 4	W 6	8	2	370	Dull a. ☁ p.	
6	29°58	29°68	40°	41°	37°	44°	222	250	88	97	W 5	S 4	3	10	030	☁ 5.40 a. Fine a. Dull p.	
7	29°45	29°54	49°	46°	41°	53°	284	285	80	80	W 5	W 3	1	4	—	Fine day.	
8	29°70	29°47	49°	52°	46°	55°	287	325	82	84	W 2	W 4	8	10	340	Dull and gloomy.	
9	29°64	29°77	43°	40°	40°	47°	222	232	77	92	WSW 4	W 3	10	4	—	Dull a. Fine p.	
10	29°84	29°91	40°	38°	37°	41°	217	214	88	91	W 2	W 2	3	4	020	Fine day.	
11	29°90	29°38	44°	50°	38°	51°	255	348	88	95	SW 4	SW 6	10	10	080	Dull and gloomy all day.	
12	29°45	29°59	45°	46°	44°	51°	265	276	88	90	WSW 6	W 2	10	4	050	☁ in past n. Dull day.	
13	30°06	29°06	38°	51°	38°	51°	224	356	95	93	W 2	WSW 2	10	8	020	☁ 6a. Dull and gloomy.	
14	29°93	29°05	51°	53°	51°	55°	374	381	97	92	SW 2	WSW 2	10	10	020	Dull and gloomy.	
15	29°60	29°71	52°	43°	42°	55°	328	223	82	78	WSW 5	SW 6	9	4	250	Dull a. Fine p.	
16	29°64	29°74	36°	38°	36°	43°	202	179	93	77	W 3	SW 3	0	10	030	Fine a. Dull from 3.40p.	
17	29°00	29°64	38°	40°	37°	43°	189	232	82	92	SW 2	WSW 3	8	5	100	Dull a. Fine p.	
18	29°51	29°77	34°	37°	34°	41°	199	201	99	89	WSW 2	WSW 5	9	2	—	Fine from 10.30a.	
19	29°60	29°39	38°	40°	36°	47°	214	232	93	92	W 4	WSW 6	10	3	340	Dull day with ☁.	
20	29°34	29°21	41°	41°	36°	43°	226	224	86	85	WSW 7	WSW 7	10	4	210	Dull day with ☁.	
21	29°09	29°67	38°	40°	33°	43°	162	198	92	80	N 3	NNW 4	10	5	—	Dull a. Fine p.	
22	30°13	30°26	37°	36°	35°	40°	173	195	78	90	NW 3	W 5	4	0	—	Fine day.	
23	29°39	29°32	36°	34°	34°	40°	204	199	96	98	NW 2	NW 1	8	4	010	Fine from 10.30a.	
24	29°22	29°19	35°	36°	31°	37°	188	169	91	78	ENE 2	NNE 2	10	10	—	Dull day.	
25	29°21	29°12	34°	36°	33°	38°	184	198	93	90	NNW 2	NW 2	10	5	—	Dull a. Fine p.	
26	29°10	29°16	35°	36°	34°	39°	181	207	90	97	N 2	N 2	8	10	—		
27	29°19	29°20	34°	33°	30°	38°	186	186	100	98	N 2	N 2	10	10	—	Dull and gloomy.	
28	29°29	29°27	32°	31°	21°	34°	110	173	91	99	N 2	N 3	10	10	—	☁ 9a. Dull.	
29	30°16	29°08	34°	34°	31°	36°	191	196	94	100	E 3	E 3	8	7	010	Dull and gloomy.	
30	29°88	29°87	36°	34°	33°	36°	204	199	95	98	ESE 2	E 2	10	10	010	Dull and gloomy.	
31	29°07	29°03	32°	29°	28°	35°	183	162	99	98	NNE 2	N 2	10	10	—	Dull and gloomy.	
32	30°16	30°27	29°	34°	28°	36°	160	187	98	94	SSE 2	SSE 2	10	10	—	Dull and gloomy.	
Means	29°805	29°812	39°	40°	435°	43°	221	231	90°	91°	3°	3°	8°	6°	2°	370	



## BUXTON.

Height above Mean Sea Level, 987 feet. Long. 1° 54' W. Lat. 53° 14' N.

DECEMBER 1884.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative 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.	30.9	30.4	21.0	31.0	ins.	ins.	87	94	S	1	SE	1	10	7	ins.	✱ before ga. ☼ <sup>0</sup> (mist) gp.
2	'63	'51	32.9	30.4	28.8	47.9	'183	'207	98	96	SW	2	SW	1	10	10	'590	▲ ● p.
3	'23	'26	45.3	30.2	28.5	47.2	'232	'209	78	98	W	1	NW	1	10	1	'245	▲ before ga.
4	'07	'48	37.9	33.9	33.8	41.1	'218	'186	96	96	SW	3	SW	2	6	10	'460	▲ before ga.
5	'67	'72	37.9	34.4	33.8	44.1	'200	'190	88	96	WSW	3	SW	2	7	3	'250	☼ before ga. ● K ▲ p.
6	'56	'61	37.9	45.3	33.6	48.9	'200	'259	88	86	SW	2	SW	3	3	7	'360	☼ before ga.
7	'75	'51	45.4	41.3	32.8	47.1	'247	'236	82	92	SW	2	SW	2	9	10	'050	
8	'62	'82	42.5	40.9	33.8	46.7	'219	'245	82	96	W	1	W	1	9	9	'140	
9	'85	'92	42.9	41.9	33.1	48.7	'243	'233	88	89	NW	1	NW	2	7	10	'260	✱ ▲ p.
10	'88	'46	39.4	45.9	33.3	46.1	'221	'297	92	97	SW	1	W	2	10	10	'400	
11	29.52	'64	41.9	40.9	37.4	51.4	'233	'245	89	96	W	2	NW	2	10	7	'130	
12	30.08	'95	41.6	49.4	38.4	49.4	'241	'315	92	89	W	1	W	3	9	9	'200	
13	30.01	'91	49.4	48.6	46.9	52.7	'327	'317	93	93	SW	2	SW	4	8	10	'150	
14	29.72	'71	48.9	38.6	32.3	50.2	'308	'203	90	87	SW	3	NW	2	7	1	'996	
15	'68	'82	35.4	34.9	32.3	37.9	'179	'166	87	81	SW	2	NW	3	1	4	—	☼ ✱ a. and p.
16	'62	'65	35.4	31.9	29.8	37.6	'179	'180	87	100	SW	1	SW	1	2	2	'640	
17	'56	'78	31.9	33.6	29.8	34.0	'168	'180	93	93	SW	1	SW	1	4	7	'160	✱ a. and p.
18	'61	'48	33.9	30.6	30.5	42.1	'180	'186	92	86	SW	1	SW	2	10	4	'500	✱ a. and p.
19	'46	'27	30.9	37.9	33.0	39.6	'211	'210	97	92	SW	2	SW	1	7	10	'370	▲ before ga.
20	29.14	29.78	34.9	37.4	32.3	38.3	'184	'209	91	94	NW	1	SW	1	8	5	—	✱ before ga.
21	30.14	30.25	32.6	32.6	30.5	38.4	'172	'176	93	95	NW	1	NE	1	4	7	—	
22	'36	'31	33.9	32.9	29.8	37.6	'176	'168	90	90	NE	1	NE	2	5	8	—	
23	'20	'18	32.4	32.1	29.5	33.7	'152	'172	83	95	NE	1	NE	2	7	6	—	
24	'22	'17	30.6	32.7	29.3	33.4	'160	'164	94	89	NW	1	NW	1	8	4	'020	☼ <sup>0</sup> (mist) ga. ✱ p.
25	'11	'16	32.6	33.4	29.8	36.2	'172	'182	93	96	NW	1	NW	1	3	7	—	✱ a. and p.
26	'17	'22	32.6	29.6	28.8	35.0	'183	'147	99	90	NW	1	NE	1	4	6	—	
27	'31	30.26	21.9	28.4	19.0	31.0	'110	'149	94	97	NE	1	NE	2	4	10	—	☼ <sup>0</sup> (mist) ga.
28	30.13	29.98	30.9	30.6	27.9	32.2	'168	'155	98	91	SE	2	NE	2	10	10	—	☼ <sup>0</sup> (mist) p.
29	29.87	29.91	32.3	29.9	27.3	32.3	'181	'163	99	99	SE	2	SE	1	10	10	—	Overcast all day.
30	29.96	30.06	28.1	28.4	23.9	29.9	'151	'156	98	100	SE	1	E	1	10	10	—	☼ <sup>0</sup> (mist) a. ☼ p.
31	30.15	30.27	28.4	34.4	26.4	34.4	'149	'184	97	93	E	1	SE	2	9	8	—	☼ <sup>0</sup> (mist) a. ☼
Means	29.823	29.837	36.1	36.2	30.9	40.5	'197	'202	91.2	93.1	1.5	1.7	7.1	7.2	6.7	171		

## HILLINGTON, NORFOLK.

Height above Mean Sea Level, 88 feet. Long. 0° 33' E. Lat. 52° 48' N.

DECEMBER 1884.

	29° 94	29° 98	33° 0	33° 9	30° 6	33° 9	'173	'176	92	90	SE	4	SE	3	10	10	'006	✱ (4 inches deep) a. ✱ <sup>3</sup> 3p. Overcast all day.
2	'80	'62	33° 9	39° 7	33° 3	41° 4	'193	'244	99	100	SW	2	S	1	10	10	'307	☼ <sup>20</sup> (mist) a. ● <sup>0</sup> from 11.30a.
3	'31	'45	49° 9	39° 9	37° 0	51° 4	'360	'221	100	91	SW	4	SW	2	8	6	'050	
4	'15	'53	46° 0	40° 1	32° 9	46° 9	'284	'225	92	91	SW	4	W	6	7	6	'028	
5	'71	'77	37° 0	38° 9	34° 8	44° 5	'199	'237	90	100	SW	2	SW	1	5	10	'116	Fine day. ● <sup>0</sup> in evening.
6	'56	'64	51° 7	50° 0	38° 9	53° 9	'360	'356	94	99	SW	4	SW	3	10	3	—	Overcast all day.
7	'84	'61	45° 9	52° 3	42° 7	52° 9	'297	'373	97	95	SW	4	SW	7	10	10	'190	☼ <sup>2</sup> p.
8	'73	'85	46° 4	39° 9	39° 7	53° 1	'262	'221	84	91	SW	2	SW	4	10	1	'008	Overcast all day. — p.
9	29° 89	'98	39° 9	32° 2	32° 2	41° 2	'230	'173	94	95	SW	3	SW	0° 5	10	0	'010	Overcast all day. — p.
10	30° 03	'57	39° 4	46° 9	30° 9	48° 7	'215	'317	90	99	SW	3	SW	7	10	10	'110	● <sup>2</sup> 8p.
11	29° 55	'53	43° 0	43° 0	41° 5	49° 5	'240	'246	86	89	SW	5	SW	3	7	10	'004	Windy.
12	30° 06	29° 99	36° 2	46° 1	35° 0	46° 5	'203	'299	95	96	NW	1	SW	5	2	10	'014	Fine a. ● <sup>0</sup> 3p.-4p.
13	29° 98	30° 05	48° 4	52° 2	45° 9	53° 4	'317	'377	94	97	SW	5	SW	2	10	10	'030	
14	'88	'82	51° 4	46° 0	46° 0	53° 2	'335	'298	88	97	W	5	W	4	10	10	'170	Very gloomy from 2p. ● <sup>2</sup> 4p.
15	'67	'77	39° 7	36° 1	35° 2	46° 0	'225	'185	92	87	NW	1	W	6	10	0	'003	☼ <sup>2</sup> p.
16	'99	'78	32° 9	35° 2	31° 2	40° 5	'164	'195	88	95	SW	3	SW	3	7	3	'300	— a.
17	'52	'77	36° 7	32° 5	31° 8	40° 2	'198	'169	91	92	WNW	2	W	1	10	0	—	● <sup>2</sup> early a. Overcast all day.
18	'88	'47	33° 7	39° 1	29° 2	45° 9	'173	'212	89	89	S	3	SW	5	10	1	'225	✱ <sup>2</sup> 9.15a.-11a., then ● <sup>2</sup> 4.15p.
19	29° 42	'31	37° 0	38° 3	34° 1	43° 2	'196	'204	89	88	SW	2	SW	2	7	7	'286	
20	28° 85	29° 51	37° 0	40° 9	37° 0	41° 3	'214	'232	97	91	NNE	4	N	4	10	9	'387	● <sup>2</sup> till 2p., then ● showers.
21	29° 95	30° 13	39° 8	39° 1	38° 5	41° 4	'204	'228	84	96	NE	4	NE	5	8	9	'188	▲ 10p.
22	30° 28	'26	38° 1	38° 7	36° 9	43° 2	'204	'198	88	85	NE	1	E	3	8	10	'009	Fine but cold.
23	'17	'11	36° 9	35° 9	34° 0	39° 3	'194	'187	89	89	NE	1	E	1	10	10	—	Cold and cloudy.
24	30° 11	'08	36° 1	34° 7	34° 1	37° 4	'183	'181	86	90	NE	0° 5	NW	1	10	10	'090	Overcast all day.
25	29° 99	'08	35° 1	35° 0	33° 4	41° 3	'186	'178	91	87	NE	1	NE	2	3	3	'068	▲ a. Very gloomy 3p. ● <sup>2</sup> showers.
26	30° 15	'17	34° 0	30° 1	30° 1	37° 3	'173	'153	88	92	NE	0° 5	NE	0° 5	10	10	—	— p.
27	'28	30° 25	34° 1	35° 5	29° 7	36° 3	'180	'192	91	93	NE	0° 5	SE	2	10	10	—	Overcast all day.
28	30° 12	29° 95	33° 5	35° 5	30° 2	36° 3	'174	'193	91	94	E	4	ESE	2	10	10	—	— a. Overcast all day. Gloomy p.
29	29° 86	29° 85	34° 9	34° 1	34° 0	36° 5	'179	'184	88	94	SE	4	ESE	0° 5	10	10	—	Overcast all day.
30	29° 93	30° 05	33° 0	26° 5	25° 6	37° 9	'165	'144	88	100	ESE	0° 5	ESE	0° 5	10	1	—	Fine day. — 2 p.
31	30° 19	30° 33	31° 7	33° 6	25° 5	37° 2	'162	'162	91	84	SE	0° 5	SE	1	10	0	'008	— 2 a.
Means	29° 832	29° 846	38° 9	38° 8	34° 6	43° 6	'221	'225	90° 8	92° 8	2° 6	2° 8	8° 8	6° 7	2° 607			

## UPPINGHAM.

Height above Mean Sea Level, 484 feet. Long. 0° 44' W. Lat. 52° 35' N.

DECEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	31.9	31.7	31.2	32.2	in.	in.	99	93	ESE 1	Calm 0	10	10	ins.	Very gloomy till 3p. ☼ at night.
2	'72	'62	31.7	39.2	30.2	41.2	'151	'238	84	99	SE by S 2	swb.w 1	10	10	'260	☼ a. Cold coating S.E. of everything with ice, then warmer, with ☼.
3	'28	'38	51.0	37.0	37.0	51.0	'321	'206	85	94	SW 5	WbyN 1	9	0	'398	Overcast day. Gloomy p.
4	'12	'51	43.0	39.0	35.2	43.2	'240	'185	86	78	SW 6	nwb.w 6	9	0	'058	☼ 4a. Cloudless 7a. ☼ (force 9) [☼ 2 5p.
5	'66	'76	37.5	40.0	35.1	43.3	'195	'239	87	97	swb.w 4	S by W 2	9	10	'141	☼ a. Bright a. and p.
6	'58	'62	51.2	46.4	39.5	52.8	'340	'280	91	89	WSW 4	swb.w 5	10	0	'079	Overcast and gloomy a. ☼ p.
7	'81	'62	45.0	40.6	43.5	51.7	'273	'226	91	88	SW 4	SSW 10	8	10	'111	Bright saffron sunrise. ☼ a. Sunny a.
8	'72	'87	43.2	37.1	36.8	50.6	'232	'199	83	90	sw b.w 1	swbyw 2	6	7	'042	Dull a. Sunny p.
9	29.90	'99	38.3	34.7	34.0	39.3	'231	'170	96	84	SW 1	nwb.w 2	10	0	'040	Gloomy a. Sunny p., with ☼.
10	30.02	'55	40.4	48.0	33.0	48.0	'218	'302	87	91	swb.w 2	Sby W 9	10	10	'078	☼ a. Gloomy till 10a. Fine p. [Squally ☼
11	29.96	29.59	42.7	43.5	40.1	48.4	'228	'248	84	87	WSW 4	WNW 4	7	6	—	☼ a. Bright a. Cloudy p., with ☼.
12	30.08	30.01	40.1	46.4	38.4	46.7	'217	'294	88	94	WbyN 1	swb.w 5	4	2	'010	Dull all day, with ☼ showers.
13	30.02	30.05	49.5	52.2	46.1	52.2	'315	'353	89	91	SW 6	SW 6	10	10	—	☼ a. ☼ p. [☼ (force 7) p.
14	29.80	29.82	50.1	39.4	39.3	52.2	'308	'224	85	93	SSW 7	WSW 4	9	0	'136	☼ a. ☼ p. [☼ (force 7) p.
15	'69	'81	39.5	34.7	33.1	43.7	'224	'174	93	86	WbyN 2	WSW 3	9	0	—	Cir.-s. from N. 9a. Bright from SW.
16	'99	'77	32.4	35.8	31.3	39.0	'156	'193	84	92	SW 2	sw b. S 3	4	2	'223	☼ a. ☼ p. [☼ (force 7) p.
17	'54	'81	34.1	32.5	31.1	39.5	'179	'156	90	84	WSW 1	WNW 3	5	0	'010	☼ a. ☼ p. [☼ (force 7) p.
18	'85	'52	33.4	39.0	28.8	47.5	'173	'199	90	84	SSW 4	WSW 5	10	1	'291	☼ a. ☼ p. [☼ (force 7) p.
19	29.45	'32	37.2	38.2	33.8	42.2	'193	'204	87	89	W 4	WSW 5	3	2	'111	Bright p. ☼ op.
20	28.93	29.58	34.8	38.3	32.7	41.3	'189	'189	93	82	N 6	nwb.n 8	10	9	'062	☼ a. ☼ p. [☼ (force 7) p.
21	30.02	30.19	33.8	33.8	32.8	38.4	'156	'176	81	90	NbyW 6	N 5	0	0	—	Sunny all day. [☼ a. ☼ showers later.
22	'30	'28	33.9	36.8	32.5	39.2	'175	'183	89	84	N 3	ENE 2	3	10	—	☼ (mist) 9a. Overcast p.
23	'17	'11	33.7	34.6	32.6	37.0	'165	'161	85	80	NE 1	NNE 4	8	10	—	Overcast, with ☼ and ☼ p.
24	'15	'12	33.9	33.9	32.0	34.7	'161	'177	82	90	NNE 2	nwb.w 2	10	5	—	Gloomy all day. ☼ noon.
25	'04	'09	34.0	33.9	33.2	37.6	'176	'177	89	90	N by E 2	ENE 1	10	10	'055	☼ a. ☼ showers p. [☼ p.
26	'15	'18	32.9	32.5	32.2	34.6	'179	'172	96	93	N.Eh.N 1	E 1	10	10	—	☼ a. ☼ (sleet) a. Gloomy all day.
27	'26	30.24	32.3	32.4	28.6	32.9	'154	'169	84	92	ENE 1	E 2	10	10	—	Gloomy all day, with ☼ (mist).
28	30.11	29.96	32.2	32.9	31.5	33.0	'167	'171	91	91	E 2	ENE 2	10	10	—	Overcast and gloomy all day.
29	29.85	29.85	33.4	31.8	28.6	33.6	'181	'166	95	93	E 2	ESE 1	10	10	—	Overcast and gloomy all day. [☼ 9p.
30	29.93	30.05	31.7	27.9	26.9	38.4	'160	'135	90	89	E 1	Calm 0	8	0	—	☼ 7a. Cloudless from 10a., but cold.
31	30.17	30.30	27.9	32.8	25.4	32.9	'152	'122	100	92	SE 1	S by E 2	10	4	—	☼ a. ☼ till 1.30p. ☼ p. [☼ 2 5p.
Means	29.830	29.855	37.6	37.6	33.9	41.9	'206	'207	88.8	89.3	2.9	3.4	8.1	5.4	2.140	[☼ 2 5p.



## GELDESTON (BECCLES).

Height above Mean Sea Level, 37 feet. Long. 1° 31' E. Lat. 52° 28' N.

DECEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	33°	35°	31°	37°	ins.	ins.	84%	84%	SSE 2	SSE 2	10	10	ins.	* a. (1½ ins. deep ga.) * or ▲
2	29°99	29°98	33°	35°	31°	37°	200	201	90	98	SSE 1	W 1	10	10	280	○ 0.30p.
3	36	38	37°	45°	34°	45°	243	243	99	99	SW 2	WSW 1	10	1	140	☐ (force 8) 5.30p.
4	36	42	49°	42°	41°	49°	307	309	87	70	WSW 3	W 5	3	7	040	
5	64	80	39°	41°	37°	44°	301	215	85	84	W 3	W 1	9	10	080	
6	61	64	52°	54°	40°	54°	338	368	87	88	WSW 2	SW 3	10	10	—	
7	87	72	45°	52°	44°	54°	285	357	93	91	WSW 2	SW 5	9	10	320	late p.
8	74	86	49°	42°	41°	55°	291	246	82	92	WSW 2	WSW 1	10	0	—	
9	29°90	29°90	42°	56°	34°	42°	227	195	85	92	WSW 2	W 1	10	0	060	
10	30°08	30°08	38°	47°	34°	47°	206	301	90	94	W 2	WSW 4	10	10	130	
11	29°58	29°55	44°	41°	44°	49°	233	257	78	87	WSW 2	SSW 2	1	0	—	☐ 0.9p.
12	30°03	30°03	40°	46°	39°	46°	209	285	85	92	W 1	WSW 2	3	9	020	
13	30°04	30°10	49°	52°	45°	53°	316	358	91	92	WSW 1	SW 2	8	9	—	
14	29°94	29°84	50°	43°	42°	52°	323	254	87	91	SW 2	WSW 1	10	10	130	with sudden rise of bar. and fall of [temp. 6.30p.
15	29°68	29°68	46°	37°	36°	46°	286	182	92	82	WSW 2	W 2	10	0	—	☐ on grass ga. ☐ 11.15p.
16	30°00	30°00	34°	37°	32°	41°	172	197	86	89	W 1	SW 1	1	0	130	☐ before ga. * * < 9p.
17	29°51	29°51	39°	33°	32°	41°	167	107	92	88	W 3	W 2	10	0	—	☐ on grass ga. * * < to E.
18	29°43	29°43	34°	39°	30°	47°	158	218	80	92	WSW 2	WSW 2	8	10	130	
19	29°43	29°43	38°	40°	36°	43°	190	198	81	78	W 3	WSW 3	1	9	220	
20	28°74	29°43	40°	42°	38°	42°	223	223	89	84	NW 2	NNW 4	10	7	280	
21	29°56	30°07	42°	39°	38°	44°	225	211	85	89	N 3	NNE 2	10	1	050	
22	30°22	30°22	41°	38°	38°	41°	205	167	80	71	NE 1	ENE 3	8	10	—	
23	30°14	30°14	37°	38°	36°	38°	176	175	77	76	NE 1	NE 3	10	10	—	
24	30°08	30°08	37°	34°	33°	38°	168	158	77	80	NNE 1	WNW 1	10	10	090	* 0 p.
25	29°94	29°94	36°	38°	33°	41°	191	179	90	76	N 1	ENE 1	0	9	040	☐ 0 p.
26	30°11	30°11	35°	35°	33°	38°	150	161	73	79	E 2	ENE 1	10	10	—	Overcast all day.
27	30°24	30°24	36°	36°	34°	36°	170	176	79	82	ENE 1	E 1	10	3	—	
28	30°13	29°95	35°	37°	33°	37°	182	197	88	89	E 1	E 1	10	10	—	Gloomy all day.
29	29°86	29°84	35°	35°	34°	37°	169	165	82	80	E 2	E 1	10	10	—	Gloomy all day.
30	29°91	29°91	32°	32°	27°	39°	164	144	87	94	NNE 1	N 1	1	0	—	☐ 10p.
31	30°21	30°35	31°	34°	25°	38°	166	175	94	88	E 1	SE 1	1	8	—	☐ on grass ga. ☐ on grass ga.
Means	29°831	29°846	40°4	40°3	36°4	44°6	222	221	86°0	86°3	1°8	2°0	7°5	6°5	2°160	

## CHELTENHAM.

Height above Mean Sea Level, 184 feet. Long. 2° 3' W. Lat. 51° 54' N.

DECEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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	29°88	29°95	35°	34°	34°	38°	207	198	100	99	Calm 0	NW 1	10	10	060	☐ ga. and 9p. A dull miserable day.
2	69	65	38°	46°	34°	50°	225	271	97	88	SE 5	S 2	10	10	040	Dull and damp.
3	35	42	53°	44°	43°	53°	335	265	83	92	W 5	W 3	10	10	220	Dull with ☐
4	17	64	42°	41°	38°	47°	236	202	87	78	SW 4	NW 3	8	0	150	☐ 8a. ☐ 2 11.30a.
5	77	76	41°	47°	39°	47°	227	311	87	96	SW 3	SW 5	10	10	510	Sunny with ☐ showers.
6	65	70	52°	48°	46°	53°	375	309	96	93	SW 4	SW 5	10	0	050	Dull with ☐ showers.
7	87	68	49°	52°	47°	54°	312	351	87	87	SW 3	SW 7	9	10	200	Dull and very close. Squally ☐ 2 n.
8	77	29°94	46°	41°	41°	53°	285	225	89	88	SW 2	SW 2	8	0	060	Dull with ☐ showers.
9	29°91	30°08	40°	35°	30°	42°	242	193	96	94	S 1	S 1	10	0	050	Fine day.
10	30°03	29°62	44°	50°	34°	50°	258	349	87	96	S 3	S 6	10	10	070	☐ showers.
11	29°62	29°71	47°	45°	43°	50°	283	265	88	86	W 1	W 2	9	10	060	Fine a. ☐ in afternoon.
12	30°14	30°07	44°	51°	42°	52°	263	361	88	93	Calm 0	W 2	5	10	010	Bright a. Dull with ☐ showers in [afternoon.
13	30°10	30°11	50°	52°	50°	53°	358	355	97	90	S 4	S 1	10	10	—	Dull.
14	29°87	29°88	52°	43°	43°	54°	328	253	82	91	SW 9	W 2	9	0	340	Fine a. ☐ 2 in afternoon.
15	29°74	29°74	44°	32°	32°	47°	240	184	85	100	W 2	Calm 0	9	0	010	Fine and pleasant.
16	30°03	30°03	37°	37°	32°	43°	193	239	89	90	W 1	SW 6	1	6	150	Dull with ☐ showers.
17	29°63	29°63	36°	34°	31°	43°	192	174	88	88	SW 1	W 1	8	0	010	Very fine. * 0 p.
18	87	60	40°	42°	30°	50°	221	245	90	91	S 5	S 5	10	10	130	Dull day.
19	26	37	42°	43°	37°	45°	225	251	83	89	W 4	W 4	2	10	130	Fine a. Dull p.
20	29°07	29°71	38°	37°	35°	46°	225	199	97	89	NW 10	NW 2	10	0	010	Squally ☐ 2 a. Day fine and bright.
21	30°11	30°25	35°	34°	34°	40°	179	175	86	87	NW 5	NW 3	0	0	—	Fine and bright.
22	31	28	35°	38°	34°	39°	204	186	100	80	N 1	N 1	10	10	—	* 0 ga. Fine day.
23	14	12	35°	35°	35°	38°	174	172	83	83	N 2	N 1	9	10	—	Dull all day.
24	18	18	35°	33°	30°	35°	167	173	81	92	NE 1	NE 1	10	10	—	Dull and cold all day.
25	08	10	34°	36°	33°	37°	206	181	98	96	NW 2	NE 1	10	10	010	Dull and cold all day.
26	15	21	35°	33°	32°	37°	201	181	98	96	N 2	NE 1	10	8	—	* 0 ga. 10a. Dull all day. ☐ p.
27	25	30°19	32°	35°	30°	35°	160	186	88	91	NE 2	NE 1	10	10	010	Dull and cold.
28	30°08	29°93	33°	34°	33°	35°	160	176	83	89	E 2	E 2	9	10	—	Dull and cold.
29	29°82	29°85	35°	33°	33°	35°	182	166	88	88	NE 1	Calm 0	10	10	—	Dull and cold.
30	29°94	30°04	32°	27°	26°	32°	146	137	80	92	Calm 0	Calm 0	10	0	—	Dull and cold.
31	30°15	30°23	34°	38°	23°	39°	184	187	92	80	S 1	S 2	5	9	—	Dull and cold.
Means	29°868	29°899	40°6	40°1	35°9	44°6	231	230	88°9	90°1	2°8	2°4	8°4	6°5	2°280	

## CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long. 4° 18' W. Lat. 51° 52' N.

DECEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	34°	36°	31°	39°	in.	in.	90	98	Calm	0	W	1	10	8	ins.	Dull all day.
2	29°91	29°92	34°	36°	31°	39°	202	211	100	98	S	2	SW	3	10	10	390	
3	67	60	49°	46°	45°	51°	357	312	100	98	W	1	SW	1	10	5	380	Dull with ☉ showers.
4	44	40	49°	45°	43°	54°	305	273	85	91	W	1	SW	1	10	5	100	☐ before ga. Frequent ☉ showers.
5	19	70	41°	42°	39°	45°	230	213	89	79	W	3	W	5	5	7	120	☐ a.
6	83	72	46°	50°	41°	50°	355	353	80	98	W	2	SW	4	4	10	890	☐ p.
7	62	71	52°	50°	48°	53°	394	315	100	88	SW	5	SW	4	10	8	060	☐ a.
8	82	63	50°	51°	48°	52°	335	345	90	92	SW	4	SW	7	10	10	290	Squally ☐ 9 p.
9	76	29°94	45°	37°	37°	51°	254	209	85	93	W	1	W	5	10	10	050	☐ showers all day. ☐ 9 p.
10	93	30°14	40°	34°	34°	54°	241	193	96	96	W	1	Calm	0	5	1	050	Fine day.
11	97	29°66	46°	50°	34°	51°	299	313	94	87	SW	4	SW	5	10	10	410	Stormy all day.
12	29°62	29°85	48°	48°	46°	50°	316	263	92	78	SW	1	SW	3	10	10	250	Dull all day.
13	30°17	30°11	41°	51°	38°	52°	248	373	97	99	W	1	SW	3	10	10	130	☉ all day.
14	30°12	30°09	51°	51°	49°	53°	385	364	100	94	SW	3	SW	3	10	10	100	☉ all day.
15	29°80	29°90	50°	39°	38°	52°	356	233	97	97	S	5	Calm	0	10	0	500	Squally a. ☉ till 3p.
16	29°79	07	42°	37°	36°	47°	350	184	77	82	W	1	W	1	2	0	020	Fine day.
17	30°02	29°73	35°	43°	30°	44°	191	250	94	93	NE	1	SW	3	8	10	500	☐ ga. ☉ p.
18	29°60	30°04	37°	30°	30°	43°	183	156	83	92	W	2	Calm	0	4	0	260	☐ p.
19	29°58	29°58	48°	42°	29°	51°	334	256	97	96	SW	6	SW	2	10	10	420	< 8p.
20	64	11	43°	47°	39°	48°	219	337	78	99	W	5	SW	6	3	10	560	
21	29°26	29°89	42°	42°	39°	49°	338	210	89	82	NW	4	NW	7	10	0	150	Frequent ☉ all day. Squ [and p.
22	30°20	30°35	41°	34°	33°	44°	186	162	72	82	N	1	Calm	0	0	—	—	Squally with ☐ before ga. Fine day.
23	35	28	36°	32°	30°	45°	182	162	83	88	N	2	Calm	0	0	—	—	Fine day.
24	15	14	33°	33°	30°	38°	151	150	80	77	E	1	E	3	10	0	—	Overcast a. Bright p.
25	26	22	30°	30°	28°	35°	127	166	75	99	NE	1	N	1	3	7	—	Fine day.
26	15	12	37°	36°	29°	41°	199	179	90	82	N	1	E	3	0	—	—	Fine day.
27	18	20	33°	36°	30°	38°	156	174	84	82	N	1	NE	2	8	9	—	Fine day.
28	23	30°15	29°	32°	28°	38°	138	168	86	92	N	—	E	1	0	6	—	Fine day.
29	30°02	29°90	34°	31°	30°	38°	180	151	90	87	E	2	E	2	6	4	—	Fine day.
30	29°82	29°85	29°	33°	28°	37°	158	172	99	80	Calm	0	SE	1	0	10	—	Fine a. Overcast p.
31	30°02	30°01	32°	34°	31°	35°	154	171	84	86	E	1	E	1	10	10	—	Overcast all day.
32	30°07	30°13	38°	43°	30°	43°	107	266	86	95	E	1	S	4	10	10	050	Overcast a. ☉ p
Means	29°885	29°904	41°	40°	35°	46°	238	235	88°	90°	2°		2°	6°	6°	6°	480	



MARGATE.

Height above Mean Sea Level, 83 feet. Long.  $1^{\circ} 24' E.$  Lat.  $51^{\circ} 24' N.$

DECEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	
	ins.	ins.	°	°	°	°	in.	in.	%	%						
1	29°98	29°95	31°3	33°9	29°7	36°8	1°66	1°86	95	90	S	2	E	2	10	10
2	*85	*66	34°1	47°5	32°0	48°1	*196	*313	100	96	S	1	SW	3	6	10
3	*46	*45	52°0	46°8	43°2	56°0	*366	*281	94	88	SW	3	W	3	10	10
4	*29	*60	49°4	41°7	41°3	51°6	*264	*188	75	73	S	3	SW	4	10	0
5	*75	*87	40°2	43°6	36°0	45°8	*204	*241	83	85	W	3	W	3	0	10
6	*72	*75	52°9	53°2	43°1	54°2	*352	*377	88	93	SW	4	SW	4	10	10
7	*96	*83	49°1	54°2	46°1	54°8	*311	*382	89	91	SW	3	SW	6	2	10
8	*82	29°95	51°9	45°2	44°6	55°5	*362	*266	94	89	SW	2	SW	3	10	10
9	29°96	30°07	39°8	39°7	39°0	45°8	*227	*219	93	90	SW	1	S	3	10	0
10	30°15	29°77	40°7	48°4	34°1	48°8	*230	*307	87	91	SW	2	SW	6	8	10
11	29°67	29°50	48°1	46°1	45°3	50°6	*275	*284	82	91	SW	3	SW	2	10	2
12	30°11	30°22	43°2	43°0	44°9	48°1	*250	*288	89	87	W	1	S	3	0	10
13	*17	30°19	50°9	52°3	47°5	53°6	*323	*355	87	90	WSW	3	SW	4	10	10
14	30°04	29°92	50°3	45°0	44°9	52°8	*317	*275	88	92	SSW	4	SW	3	10	0
15	29°73	*90	49°4	38°2	38°1	49°8	*331	*186	94	81	SSW	5	SW	3	10	0
16	30°08	*88	33°0	41°3	33°0	42°6	*187	*242	99	94	SW	2	SW	2	0	10
17	29°59	*86	39°3	37°0	35°0	42°6	*213	*160	89	73	S	2	SW	2	4	0
18	30°02	*67	34°0	47°0	32°0	49°6	*156	*238	79	75	S	2	S	5	10	10
19	29°55	*45	41°7	39°7	39°0	47°5	*188	*189	73	77	W	4	S	2	7	0
20	28°80	29°43	40°5	42°8	38°2	47°2	*218	*225	87	83	SW	3	N	5	10	10
21	29°86	30°06	42°0	41°2	39°2	43°7	*225	*223	85	87	NW	4	N	3	10	2
22	30°16	30°16	42°3	38°8	38°1	45°2	*201	*174	75	75	NE	4	E	3	7	10
23	*07	29°96	38°5	39°0	36°0	40°6	*201	*218	87	92	E	4	E	3	10	10
24	30°09	30°10	38°0	37°0	36°9	40°2	*203	*181	89	82	E	1	NE	1	10	10
25	29°96	*05	38°7	38°0	35°0	40°0	*165	*188	71	82	NE	1	E	3	4	9
26	30°10	*11	36°0	36°7	34°6	38°0	*168	*169	80	78	S	2	E	2	10	10
27	*23	30°17	36°4	36°6	34°0	37°0	*182	*203	85	94	E	1	E	1	10	10
28	30°10	29°87	36°8	37°0	35°0	37°2	*188	*186	87	85	E	1	E	1	10	10
29	29°87	29°86	33°6	33°8	33°0	37°6	*166	*172	86	88	Calm	0	E	1	0	10
30	29°88	30°10	35°2	35°0	33°8	35°6	*179	*182	87	89	Calm	0	SE	1	10	10
31	30°26	30°37	37°6	31°8	31°8	37°8	*175	*177	77	99	SE	1	Calm	0	10	0
Means	29°879	29°898	41°5	41°8	37°8	45°6	*232	*235	86°3	86°6	2°3		2°8	7°7	7°5	2°900

SOUTHAMPTON.

Height above Mean Sea Level, 78 feet. Long.  $1^{\circ} 24' W.$  Lat.  $50^{\circ} 55' N.$

DECEMBER 1884.

1	29°87	29°97	39°1	37°1	36°3	45°3	243	219	97	99	NW	2	NNW	1	10	10	°040	☁ before 9a. Overcast all day.
2	°81	°71	40°6	45°9	36°3	51°1	244	290	97	99	SE	3	W	1°5	10	10	°293	☁ 8a.—2p.
3	°49	°48	54°0	44°9	44°8	55°6	391	281	94	95	SW	4	SW	1°5	10	10	°333	Dull and damp a. ☁ 1p.—7p.
4	°31	°75	46°6	41°2	41°0	52°0	298	243	79	83	SW	4	W	4	1	1	°040	Squally ☁ showers. Squally ☁
5	°84	°87	41°2	47°2	39°8	48°4	225	303	88	94	W	3°5	SW	2	5	10	°411	☁ (force 7) in afternoon
6	°78	°80	52°7	51°5	47°0	53°8	378	346	95	90	SW	4	SW	3°5	10	10	°295	☁ nearly all day.
7	°97	29°82	49°9	53°2	47°0	54°0	333	391	93	97	SW	2	SW	6°5	3	10	°407	Fine and mild a. ☁ (force 7) ☁ p.
8	°84	30°08	48°5	48°2	43°0	53°9	321	247	94	89	SW	1°5	W	2	10	5	°120	☁ till 9a. ☁ in morning.
9	29°05	30°16	40°1	36°0	35°4	45°2	231	197	93	93	Calms	0	WNW	1	10	0	°137	☁ 4.30a.—2.30p. ☁ 9p.
10	30°14	29°76	45°5	50°0	34°5	50°6	272	348	90	97	SW	2°5	SW	7	10	10	°197	☁ all the evening. ☁ 6.30p.—10p.
11	29°74	29°74	48°5	44°0	44°0	51°7	287	250	84	86	SW	2	NW	2°5	10	0	°335	Fine and mild a. ☁ 1p.—6p., then fine.
12	30°17	30°18	44°7	50°7	42°5	51°1	266	350	90	94	NW	0°5	SW	3	5	10	—	Fine and pleasant a.
13	°23	30°20	51°8	52°8	50°1	54°6	338	369	87	92	WSW	2	SW	3°5	10	10	°030	Dull and mild.
14	30°04	29°97	50°0	44°9	44°8	53°3	345	283	96	95	SW	5	SW	1	10	10	°335	☁ [dry.
15	29°81	°96	47°1	37°4	36°5	50°5	297	200	92	90	WSW	1°5	WNW	2°5	10	10	°148	☁ Very dull and gloomy a. Day fine and
16	30°11	°85	32°3	43°9	30°8	46°7	150	254	98	88	Calms	0	S	2	0	10	°037	☁ ☁ a. Beautiful day.
17	29°69	°95	37°3	33°9	33°1	46°3	205	167	93	85	W	3	NW	2	3	0	°372	Fine p. ☁ on grass 9p.
18	30°00	°69	41°9	45°1	31°1	51°1	214	276	81	92	SW	3	W	4°5	10	0	°160	☁ during the evening.
19	29°68	°46	42°1	43°9	39°8	47°4	217	245	81	85	W	4	SW	3	1	10	°372	☁ before 9a. ☁ 11p.
20	28°97	29°65	41°2	38°8	38°4	49°4	223	188	87	80	NW	5	NW	5	10	0	°027	☁ till 6a. ☁ (force 6-7) 11.30a. ☁ [Fine with drying wind p.
21	30°02	30°20	36°3	34°8	34°3	42°0	158	164	74	82	N	4°5	N	4	0	0	—	Beautiful day with cold drying wind.
22	°23	°22	36°3	38°9	34°4	42°2	194	177	91	76	NNE	3	NE	4	0	9	—	☁ a. Fine day with cold drying wind.
23	°10	°05	36°4	36°5	35°3	40°2	171	181	79	83	NE	2°5	NE	3	10	10	—	Dull and cold. ☁ 8p.—9p.
24	°13	°17	36°2	34°0	33°5	30°1	166	156	78	79	NNE	2	NNW	2	10	10	—	Dull day.
25	°05	°04	37°0	37°0	31°7	40°1	172	186	78	85	NNE	3	NE	4	10	1	—	☁ 9a. ☁ ☁ (sleet) 5.15p.—6p.
26	°09	°15	36°4	34°0	32°3	37°7	164	156	77	79	NE	4	NE	3	10	10	—	Dull and cold. ☁ [Otherwise a beautiful day. Evening obs. at 9.20p.
27	°21	30°15	35°1	35°9	33°4	37°6	179	186	87	88	E	2	ENE	2°5	10	10	—	Dull and cold.
28	30°02	29°60	36°2	34°8	33°6	37°8	191	170	89	84	ENE	3	ENE	2	10	10	—	Thickly overcast all day.
29	29°81	29°84	34°6	33°8	33°0	36°1	165	144	82	84	E	2	Calms	0	10	10	—	Very gloomy a. Overcast all day. ☁ 9p.
30	29°94	30°06	33°3	30°9	30°5	36°0	164	155	86	90	Calms	0	Calms	0	10	5	—	Beautiful morning. Day dull.
31	30°16	30°29	36°2	39°6	30°3	43°2	191	208	89	85	SE	1	SE	3	7	10	—	
Means	29°410	29°937	41°6	41°2	37°4	46°6	238	236	87°7	88°2	2°6		2°8	7°6	7°1	3°717		

ST. LEONARDS.

Height above Mean Sea Level, 116 feet. Long.  $0^{\circ} 33' \text{ E.}$  Lat.  $50^{\circ} 51' \text{ N.}$


DECEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	37.4	37.0	34.7	43.0	in.	in.	%	%	SSE 6	WSW 1	10	10	ins.	Overcast all day, with ☁.
2	29.93	29.93	37.4	37.0	34.7	43.0	.204	.210	91	90	E 1	W 2	10	5	.145	Overcast day, with ☁.
3	.88	.69	37.3	46.5	33.7	48.6	.214	.203	96	96	SW 3	SW 2	10	10	.240	☁ a. and p. Overcast and squally
4	.52	.48	50.3	45.9	45.3	52.6	.344	.300	95	98	WSW 4	WSW 6	10	0	.491	Overcast with ☁ (gale) a. Fine p.
5	.31	.69	48.3	45.7	40.7	51.2	.299	.190	89	75	WSW 4	W 4	10	0	.025	Overcast all day, with almost constant
6	.81	.91	41.7	45.4	40.0	47.1	.210	.271	84	90	W 3	W 2	3	10	.242	(gale) from 7p.
7	.79	.81	50.8	51.8	45.4	52.4	.364	.375	98	97	WSW 5	WSW 6	10	10	.220	(gale) early a.
8	.99	.89	50.7	52.8	49.0	53.6	.337	.364	91	91	WSW 2	SW 7	3	10	.108	Overcast with ☁ till 4p. ☁ n.
9	.85	.29.99	50.7	45.9	45.9	53.6	.357	.262	96	86	WSW 4	W 3	10	0	.369	☁ at night.
10	29.95	30.10	39.5	35.9	35.9	47.1	.230	.204	95	97	NNE 1	NNW 2	10	0	.320	Overcast, with frequent ☁.
11	30.18	29.84	46.6	48.5	35.0	49.6	.273	.314	87	93	WSW 2	SSW 8	9	10	.164	[with frequent ☁ showers
12	29.73	29.61	49.7	46.6	45.8	51.1	.306	.301	86	95	W 4	NNW 2	9	0	.300	Squally ☁ a. and p. Overcast all day,
13	30.15	30.20	41.7	49.5	41.3	50.0	.238	.306	91	87	NW 1	WNW 3	1	10	.012	Overcast during day.
14	.22	30.23	50.3	50.7	40.5	51.8	.341	.357	94	96	W 3	WSW 3	9	10	.010	☁ a. Fine till 1p. Squally ☁ p.
15	30.09	29.93	50.5	46.6	46.5	51.7	.317	.301	87	95	SW 4	WNW 2	10	10	.200	Overcast all day, with constant ☁ and
16	.78	.94	49.3	37.7	37.7	51.3	.336	.176	96	77	W 3	NW 2	10	10	.715	[☁ from noon. ☁ (gale) at night.
17	30.12	.89	35.2	45.6	34.2	47.1	.178	.244	86	80	NW 1	WSW 5	0	3	.140	☁ all day.
18	.63	.90	38.9	34.6	34.6	46.9	.221	.150	94	74	WNW 2	NW 2	1	0	.016	Overcast all day, with ☁.
19	.04	.71	42.9	46.7	30.5	50.1	.200	.272	73	86	WSW 4	SW 5	10	10	.218	Overcast a.
20	.62	.48	40.7	43.9	39.7	47.7	.213	.249	84	87	WSW 4	WSW 3	0	10	.155	Overcast all day.
21	.88	.29.47	39.3	40.8	39.0	48.3	.219	.208	92	82	NW 2	NNW 6	3	5	.074	Overcast and gloomy all day.
22	.88	30.07	39.2	38.3	38.3	42.0	.199	.201	83	87	N 7	N 5	2	5	.131	Overcast a.
23	30.15	30.16	38.9	38.4	36.9	43.1	.223	.184	95	80	NNE 4	NE 3	3	8	.016	Overcast all day.
24	.05	29.97	37.7	37.6	37.1	39.1	.190	.207	83	92	NE 2	NE 2	10	10	.715	Overcast all day.
25	30.07	30.12	36.3	34.9	34.9	39.1	.199	.165	93	81	NNE 2	NW 2	7	9	—	Overcast all day.
26	.97	.01	36.0	36.2	32.0	39.9	.186	.193	87	90	NNW 4	NE 3	5	5	.034	Overcast a.
27	30.04	.11	35.4	35.5	34.8	37.3	.171	.172	82	83	NE 2	NE 2	10	10	—	Overcast all day.
28	.20	30.15	35.7	35.6	33.3	37.0	.189	.188	90	90	ENE 2	ENE 4	10	10	—	Overcast all day.
29	30.04	29.89	35.0	35.7	34.8	38.0	.184	.182	90	86	E 2	E 2	10	8	—	Overcast a.
30	.79	29.82	34.7	33.0	32.7	36.5	.168	.161	83	86	ENE 1	NNW 2	10	10	—	Overcast all day.
31	29.92	30.06	34.2	34.9	33.0	35.9	.166	.185	83	91	NNW 1	N 1	10	10	—	Overcast and gloomy all day.
31	30.22	30.33	40.9	36.0	34.9	41.6	.202	.186	79	87	ESE 2	ESE 2	10	7	—	Overcast a.
Means	29.896	29.915	41.8	41.6	38.3	45.9	.242	.238	88.8	88.1	2.8	3.2	7.3	6.9	4.239	

SOUTHBOURNE.

Height above Mean Sea Level, 90 feet. Long.  $1^{\circ} 48' \text{ W.}$  Lat.  $50^{\circ} 44' \text{ N.}$

DECEMBER 1884.

1	29°86	29°95	38°2	37°8	34°4	46°9	*225	*175	97	77	NW	2	Calm	0	10	0	*040	 2 (force 9) at 10.30a.
2	*78	*72	47°8	46°2	35°3	50°4	*309	*292	93	94	SW	5	W	1	10	0	*220	
3	*48	*47	53°4	45°9	45°1	55°1	*379	*297	93	97	SW	7	SW	1	10	0	*330	
4	*30	*74	47°2	42°8	41°3	51°7	*244	*203	76	73	SW	7	W	5	3	0	*070	
5	*84	*87	43°7	49°8	41°2	50°2	*231	*319	80	89	W	4	SW	5	3	10	*340	
6	*76	*79	52°0	49°8	49°8	52°7	*366	*331	94	93	SW	6	W	2	10	1	*430	
7	*95	*81	51°7	52°3	49°8	53°2	*331	*381	86	97	SW	4	SW	8	5	10	*380	
8	*83	*29°99	49°0	44°7	44°7	53°1	*297	*232	86	79	SW	3	W	2	10	0	*160	
9	*29°94	30°14	39°7	37°5	37°0	46°5	*228	*189	93	85	Calm	0	W	3	10	0	*110	
10	30°13	29°75	47°7	50°3	36°9	50°5	*289	*355	88	97	SW	5	SW	7	10	10	*140	
11	29°73	29°72	49°7	43°7	43°7	51°4	*306	*258	86	90	SW	4	NW	3	9	3	*370	
12	30°16	30°17	45°1	50°7	43°7	50°9	*253	*324	84	87	W	2	W	5	2	10	—	
13	*21	30°21	51°0	51°8	50°4	52°2	*345	*356	92	92	SW	3	SW	3	10	10	—	
14	30°00	29°95	50°7	45°1	43°5	52°2	*340	*279	92	93	SW	7	SW	2	9	0	*180	
15	30°00	*94	47°5	40°4	40°1	50°8	*280	*203	87	81	W	2	W	2	10	1	—	
16	30°09	*82	38°9	46°3	36°1	46°8	*215	*256	91	83	SW	1	SW	5	1	8	*150	
17	29°67	*95	38°0	35°0	34°0	47°9	*195	*162	85	78	W	3	NW	2	2	0	—	
18	*99	*70	44°9	46°3	32°8	50°6	*244	*229	83	73	SW	5	W	5	10	0	*360	
19	*67	*40	42°6	40°3	39°9	48°1	*219	*234	81	75	W	4	SW	4	2	7	*180	
20	29°00	29°64	41°0	38°9	33°4	49°9	*219	*182	86	78	NW	7	NW	6	10	0	—	
21	30°02	30°20	36°7	35°0	34°7	41°3	*145	*151	66	74	N	6	N	4	0	0	—	
22	*23	*21	36°0	39°9	34°2	41°2	*181	*157	86	64	N	3	NE	5	0	7	—	
23	*08	*03	36°5	35°9	35°3	39°9	*136	*173	73	82	NE	3	NE	5	10	10	—	
24	*12	*16	36°2	32°5	32°3	38°0	*154	*158	73	86	NE	1	N	1	9	3	—	
25	*05	*00	36°8	37°1	31°1	39°3	*169	*182	77	82	N	3	N	5	8	0	—	
26	*07	*13	36°5	33°7	32°8	37°9	*266	*145	77	75	NE	3	NE	4	10	8	—	
27	*20	30°13	35°0	35°8	33°7	36°7	*169	*177	82	85	NE	3	NE	3	10	—	Overcast all day.	
28	30°00	29°87	36°1	35°0	33°1	37°3	*186	*169	88	82	NE	4	NE	3	10	10	—	
29	29°79	29°81	34°3	33°8	33°1	36°8	*168	*158	81	81	NE	3	NE	2	10	10	—	
30	29°92	30°05	33°2	34°3	33°0	35°2	*154	*168	82	84	NE	1	E	1	10	8	—	
31	30°14	30°26	42°5	42°1	33°1	42°8	*205	*248	76	93	SE	3	E	4	4	10	—	
Means	29°897	29°925	42°6	41°8	38°0	46°3	*238	*230	84°3	83°8		3°7		3°5	7°3	5°3	3°460	



## BABBACOMBE.

Height above Mean Sea Level, 293 feet. Long. 3° 31' W. Lat. 50° 29' N.  
DECEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	37.5	38.4	35.1	44.0	in.	in.	95	95	WSW 1	W 1	7	6	ins.	☁ a. ~. ☁ p. ☁ 9p.—10p.
2	71	73	49.0	47.1	37.2	52.0	340	302	98	93	SSW 5	SW 3	10	10	150	☁ (mist) a. and p. ☁ (mist) a. and p.
3	52	51	53.4	46.7	45.7	53.6	388	304	95	96	WSW 6	WSW 3	10	8	490	☁ (mist) a. and p. ☁ (mist) a. and p.
4	35	82	44.4	41.2	40.5	50.9	209	212	71	82	W 8	WSW 5	7	7	290	☁ (mist) a. and p. ☁ (mist) a. and p.
5	89	82	43.2	49.5	39.5	49.5	248	325	89	93	WSW 4	WSW 8	1	10	380	☁ (mist) a. and p. ☁ (mist) a. and p.
6	77	83	52.2	48.4	47.7	53.0	377	317	97	94	WSW 7	WSW 4	10	2	260	☁ (mist) a. and p. ☁ (mist) a. and p.
7	95	29.76	51.1	53.7	48.1	53.7	335	389	89	94	WSW 5	SW 9	9	10	180	☁ (mist) a. and p. ☁ (mist) a. and p.
8	85	30.02	48.1	43.1	42.4	53.7	298	222	89	79	WSW 3	SW 2	10	10	070	☁ (mist) a. and p. ☁ (mist) a. and p.
9	29.96	30.19	39.7	36.4	36.3	45.9	224	186	92	87	SW 2	SW 2	10	10	050	☁ (mist) a. and p. ☁ (mist) a. and p.
10	30.12	29.77	46.2	50.0	36.3	50.6	270	334	88	93	WSW 4	WSW 8	10	9	350	☁ (mist) a. and p. ☁ (mist) a. and p.
11	29.75	29.84	49.0	47.2	46.3	50.7	305	243	88	76	WSW 4	NW 4	10	10	260	☁ (mist) a. and p. ☁ (mist) a. and p.
12	30.23	30.20	44.0	51.5	41.2	51.5	239	305	83	96	SW 2	SSW 3	9	10	020	☁ (mist) a. and p. ☁ (mist) a. and p.
13	23	30.20	50.5	52.2	49.4	52.8	355	364	97	93	WSW 4	SW 5	9	10	030	☁ (mist) a. and p. ☁ (mist) a. and p.
14	30.00	29.97	50.0	45.1	44.7	52.4	351	284	97	94	SW 6	WSW 3	10	0	220	☁ (mist) a. and p. ☁ (mist) a. and p.
15	29.85	29.90	45.6	38.1	38.0	49.5	256	208	84	90	W 2	W 3	9	1	020	☁ (mist) a. and p. ☁ (mist) a. and p.
16	30.11	29.81	36.0	44.1	34.1	45.1	192	255	91	88	SW 2	SSW 3	3	10	210	☁ (mist) a. and p. ☁ (mist) a. and p.
17	29.76	30.03	38.1	36.6	35.2	44.1	196	158	85	73	WSW 4	WNW 2	8	0	020	☁ (mist) a. and p. ☁ (mist) a. and p.
18	29.7	29.73	46.2	47.1	31.1	51.4	296	273	96	85	SW 5	WSW 5	10	2	450	☁ (mist) a. and p. ☁ (mist) a. and p.
19	77	46	43.7	46.0	40.4	47.6	225	262	78	85	WNW 4	WSW 5	7	10	210	☁ (mist) a. and p. ☁ (mist) a. and p.
20	29.22	29.77	43.2	41.9	41.0	49.6	209	222	76	85	NNW 8	NNW 4	3	1	040	☁ (mist) a. and p. ☁ (mist) a. and p.
21	30.13	30.28	38.8	35.0	34.3	42.6	183	148	78	72	NNW 3	N 3	1	1	—	☁ (mist) a. and p. ☁ (mist) a. and p.
22	27	23	37.0	38.9	33.7	41.7	182	187	83	80	NNE 4	NE 4	3	10	—	☁ (mist) a. and p. ☁ (mist) a. and p.
23	10	06	36.8	36.2	35.8	39.0	154	176	83	80	NE 5	NE 3	10	10	—	☁ (mist) a. and p. ☁ (mist) a. and p.
24	16	21	36.0	33.9	32.3	36.7	160	141	76	73	NE 4	NNE 2	8	10	—	☁ (mist) a. and p. ☁ (mist) a. and p.
25	09	03	40.0	37.1	32.0	41.9	181	183	73	83	NE 3	NE 4	10	5	—	☁ (mist) a. and p. ☁ (mist) a. and p.
26	11	14	37.9	34.9	34.5	38.1	176	150	77	74	ENE 4	NE 5	10	10	—	☁ (mist) a. and p. ☁ (mist) a. and p.
27	30.18	30.11	35.0	37.1	33.4	37.4	169	189	82	86	ENE 5	E 5	10	10	—	☁ (mist) a. and p. ☁ (mist) a. and p.
28	29.98	29.87	37.7	37.0	36.6	38.0	195	191	86	87	E 5	E 4	10	10	—	☁ (mist) a. and p. ☁ (mist) a. and p.
29	80	29.83	35.9	34.2	34.1	37.0	174	174	83	87	E 3	NNE 1	10	10	—	☁ (mist) a. and p. ☁ (mist) a. and p.
30	29.92	30.02	36.8	41.2	34.0	41.2	186	227	86	89	E 2	ESE 2	10	10	—	☁ (mist) a. and p. ☁ (mist) a. and p.
31	30.10	30.19	44.0	45.8	41.2	46.5	243	271	84	88	SSE 3	SSE 3	10	9	—	☁ (mist) a. and p. ☁ (mist) a. and p.
Means	29.927	29.949	42.8	42.4	38.5	46.5	243	241	85.7	86.2	4.1	3.8	8.2	7.1	3.750	

## ST. AUBIN'S, JERSEY.

Height above Mean Sea Level, 139 feet. Long. 2° 10' W. Lat. 49° 11' N.  
DECEMBER 1884.

1	29.95	30.01	45.5	44.5	40.0	50.0	289	264	95	90	Calm	Calm	9	10	125	Gloomy day.
2	93	29.83	48.0	52.0	42.2	52.5	285	361	86	93	SW 3	SW 3	10	10	560	Gloomy, with ☁. Scotch ☁ p.
3	73	60	53.3	54.0	50.0	54.0	402	388	99	93	SW 4	SW 7	10	10	420	Squally, with ☁. Scotch ☁ p.
4	29.57	29.96	50.0	45.2	44.0	54.0	236	217	66	72	W 7	Why N 5	7	7	500	☁ a. and p. ☁ a. and p.
5	30.01	30.05	48.8	50.3	42.2	53.8	268	326	78	90	W 2	SW 4	7	10	040	☁ a. and p. ☁ a. and p.
6	29.98	29.97	53.0	53.0	49.8	53.0	347	403	86	100	SW 5	SW 6	10	10	180	Squally ☁ a. and p. ☁ a. and p.
7	30.10	30.04	53.2	54.0	50.2	55.0	368	403	91	97	SW 3	SW 4	6	10	440	Fine early a. Day gloomy. ☁ temp.
8	29.96	30.07	51.5	48.0	48.0	54.0	367	309	96	93	SW 2	Calm	0	10	890	Very gloomy.
9	29.90	30.03	48.2	50.3	44.0	50.3	268	229	92	75	NE 3	NW 2	10	4	422	☁ a. and p. ☁ a. and p.
10	30.30	30.03	48.2	50.3	44.0	50.3	268	229	92	75	NE 3	NW 2	10	4	422	☁ a. and p. ☁ a. and p.
11	29.92	30.16	52.1	50.5	48.1	52.1	339	203	86	80	SW 3	W 3	8	3	125	Fine a. Squally ☁ showers p.
12	30.28	30.34	49.3	50.3	46.4	54.0	256	324	72	89	NW 2	SW 3	7	10	036	Very unsettled. Bar. 29.64 3p.
13	36	34	51.1	53.2	49.4	53.4	350	313	93	80	SW 3	SW 3	10	10	014	Very cloudy day.
14	30.19	30.08	50.2	50.3	48.9	52.5	332	355	92	97	SW 1	SW 1	10	2	310	Day very fine at times.
15	29.93	30.07	49.2	44.3	43.1	52.7	345	245	99	84	NW 2	W 1	10	5	300	Very gloomy till 3p., with ☁
16	30.19	29.94	42.6	44.2	40.0	49.7	253	240	93	82	Calm	SW 2	5	10	060	☁ a. and p. ☁ a. and p.
17	29.83	30.05	45.7	41.0	39.4	48.0	209	180	68	70	NW 3	NW 2	3	2	090	☁ a. and p. ☁ a. and p.
18	30.17	29.94	46.5	49.5	38.0	50.9	249	333	80	94	SW 4	SW 4	10	10	640	Gloomy, with ☁. ☁ showers p.
19	29.88	30.02	48.9	47.0	45.0	50.6	240	302	69	94	W 4	SW 4	10	10	270	☁ showers n. and a. Rough night.
20	29.71	29.71	46.2	45.0	42.0	51.0	238	210	77	69	W 7	N 5	10	4	002	Squally ☁ a. and p. ☁ a. and p.
21	30.07	30.19	42.8	42.2	40.8	46.0	186	197	69	74	Noy E 4	Nby E 4	8	8	—	[damage done. Day very cloudy.
22	16	30.15	44.0	43.0	40.7	45.1	205	211	71	77	NE 3	NE 3	3	9	080	Fair, with cold dry wind.
23	04	29.98	40.0	38.3	36.4	43.0	189	196	76	85	NE 2	NE 2	9	10	090	Fair, with cold dry wind.
24	07	30.17	39.8	39.1	36.0	40.8	227	163	93	69	NE 2	NE 2	10	10	030	Cold and gloomy.
25	06	29.94	42.5	41.5	37.6	42.6	205	202	75	78	NE 2	NE 3	10	8	065	Gloomy, cold, and overcast.
26	03	30.07	39.0	37.5	35.8	41.8	189	195	77	87	NE 2	NE 3	10	10	015	☁ a. and p. ☁ a. and p.
27	30.12	30.04	36.4	35.0	34.0	37.8	164	174	77	85	E by N 3	ENE 4	9	8	—	Very gloomy, with cold wind.
28	29.92	29.82	36.5	36.2	34.0	38.8	187	191	87	89	ENE 2	NE 3	9	10	—	Coldest day since Dec. 7th, 1883.
29	78	29.83	33.0	37.2	33.0	37.2	183	194	97	87	ENE 2	Calm	0	10	—	Fine and bright a. Lower clouds moving rapidly.
30	29.93	30.05	39.0	40.3	34.3	40.3	218	238	96	86	SE 1	SE 2	10	9	—	☁ a. Fine but cold. ☁ moving rapidly.
31	30.18	30.28	39.5	40.8	37.5	41.7	226	230	94	91	SE 2	SE 2	10	1	—	☁ a. Day gloomy. ☁ p.
Means	29.991	30.009	45.3	45.2	41.6	48.2	259	264	84.1	85.2	2.8	3.0	8.5	8.1	5.854	Gloomy a. Fine p. ☁ p.

Earth temperature: Mean of 10 readings (every third day), at 1 foot, 46° 2; at 3 feet, 44° 9; at 6 feet, 52° 5.

## LONDONDERRY.

Height above Mean Sea Level, 93 feet. Long. 7° 19' W. Lat. 55° 0' N.

DECEMBER 1884.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative 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.	34.7	40.7	32.9	42.0	in.	in.	93	93	NNW 1	S 2	10	10	ins.	
2	29.92	29.67	44.7	41.2	40.0	50.0	259	233	88	91	W 3	SW 2	4	10	130	☁ showers. ☐
3	42	38	44.8	36.5	35.9	52.9	276	204	93	95	NW 5	W 2	9	0	060	☁ showers.
4	10	23	41.7	36.9	35.6	44.6	248	200	94	92	NW 2	W 2	10	8	130	☁ till 11.30a.
5	11	45	40.7	50.3	35.8	51.2	217	345	86	95	W 2	SW 4	10	10	190	☁ o. 30p.—8p.
6	67	33	45.7	42.0	40.6	53.0	245	237	80	89	SW 2	SW 4	7	10	280	☁ showers.
7	33	37	45.7	40.7	39.9	50.7	290	237	95	93	SSW 5	S 2	10	2	560	☁ showers all day.
8	34	30	39.4	35.7	34.9	41.9	212	196	89	93	WSW 2	SW 4	10	10	310	☁ showers all day.
9	49	69	35.7	39.2	33.9	40.7	196	214	93	89	SW 3	SW 3	5	10	060	☁ showers.
10	75	82	45.7	45.4	38.0	50.0	269	269	95	80	SW 4	SE 4	10	6	300	☁ nearly all day.
11	45	33	44.2	44.7	43.0	50.8	226	273	77	93	SW 3	NW 1	7	3	060	
12	42	84	44.7	47.4	40.5	52.0	278	316	94	96	SW 2	SW 1	10	10	170	☁ all day.
13	85	82	48.7	53.0	45.8	53.7	344	371	94	92	SW 2	SW 5	10	10	130	
14	87	66	44.7	37.7	36.2	54.0	255	197	87	87	SW 4	SW 4	10	2	190	Squally ☁ p.
15	45	58	35.0	36.7	34.0	41.1	200	179	98	82	W 4	W 3	4	0	260	[showers] Cold and damp, with ☁ (sleet)
16	57	74	37.9	37.4	33.6	40.0	203	188	80	93	NNW 3	SW 2	6	0	350	Cold and damp, with ☁ showers. ☁ [at night]
17	72	57	33.1	33.7	31.0	37.0	164	161	87	83	NW 2	SE 1	10	1	220	Cold and damp, with ☁ showers all day
18	61	88	40.7	37.2	32.1	42.0	237	198	93	89	W 2	NW 3	10	2	580	Cold and damp, with ☁ and ☁ (sleet) showers all day
19	46	31	40.2	37.6	35.7	45.2	222	212	90	94	W 3	SE 2	8	10	400	☁ (sleet) showers all day
20	27	29.00	40.7	40.0	35.2	45.2	217	211	86	86	NW 2	NW 1	10	9	230	☁ ☁ and ☁ (sleet) (mist) op.
21	29.38	30.03	37.7	32.6	31.9	43.4	211	177	93	95	N 1	SE 1	10	0	—	Fine and clear. ☁☁☁ (mist) op.
22	30.30	4.3	29.7	35.2	27.0	41.0	144	181	87	88	NE 1	SW 1	0	1	—	Fine, clear, and frosty.
23	40	26	34.8	29.7	28.0	39.8	164	144	82	87	E 2	Calm	0	0	—	Fine and clear.
24	14	23	34.0	37.7	28.0	39.8	194	224	99	99	WSW 2	WSW 1	10	3	030	
25	20	20	30.4	35.9	35.0	40.7	211	211	98	100	W 2	SW 1	9	10	—	Fine day. ☁☁ or ☁☁☁ (mist) p.
26	27	25	36.2	34.0	34.0	41.3	212	245	99	99	SW 1	S 1	10	10	030	☁☁ or ☁☁☁ (mist) all day.
27	22	20	30.7	30.7	38.5	43.7	244	218	100	89	W 1	SW 3	10	10	—	☁☁☁ (mist) a. and p.
28	32	30.16	37.0	37.9	35.3	43.0	198	213	92	94	S 1	SW 1	10	10	—	Dull and cloudy, with ☁☁☁ (mist).
29	30.08	29.93	36.7	38.7	34.9	40.5	193	210	89	90	SE 1	S 1	10	10	030	
30	29.78	7.6	38.7	38.2	36.8	41.4	220	208	94	91	SE 2	SE 2	10	10	—	
31	86	88	45.4	46.7	37.2	47.6	263	281	87	89	SE 1	S 3	10	10	010	
30	29.84	29.97	39.8	39.5	35.5	45.2	226	225	90.9	91.5	2.3	2.2	8.5	6.4	4.810	
Means	29.728	29.733	39.8	39.5	35.5	45.2	226	225	90.9	91.5	2.3	2.2	8.5	6.4	4.810	







## PART II.

## MONTHLY SUMMARIES FROM STATIONS OF THE SECOND ORDER, 1884.

On page 197 will be found the list of stations, the returns from which are published as Monthly Means and Summaries on the Form B., adopted by the International Meteorological Congress at Rome, 1879.

As in previous years, the list includes the stations, observations from which are given in the preceding pages *in extenso* on Form A., together with fourteen others, the results from which are given only in the form of Monthly Summaries.

The list varies from that for 1883 by the substitution of Southbourne for Strathfield Turgiss, and by the addition of Stonyhurst and Armagh.

The hours of observation were, as before, 9 a.m. and 9 p.m. local time at all the stations, except Durham, where the hours were 10 a.m. and 10 p.m.

The minimum and maximum thermometers were read and set at 9 p.m. (at Durham at 10 p.m.) at all the stations except at Sandwick. At this station the minimum temperature was observed at 9 a.m. The readings in all cases have been entered to the day on which they were made.

The Mean Pressure has been obtained by adding together the means for 9 a.m. and 9 p.m., and dividing the result by 2. Similarly the Mean Temperature is based upon the 9 a.m. and 9 p.m. readings of the dry-bulb thermometer, without taking into account the maxima and minima.

The monthly Vapour Tension and Relative Humidity is in most cases the average 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 tables employed are Glaisher's, 5th Edition, London, 1869.

In some previous years 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 lower limit, that the results as here given may be directly comparable with each other and with similar British publications. 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 at least) of rain was registered. As in previous years, no regard is had to the form of the precipitation, those days on which snow, hail, &c., fell being all included in the number of days of rain.

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.

The days of clear sky are those days when the mean of the cloud amounts at 9 a.m. and 9 p.m. was less than 2; when the mean was greater than 8, the day has been counted as overcast.

The days of gale are those days when force 7 or upwards (Beaufort's scale) was recorded at any time during the day.

In preparing the Summary of Wind-direction, the observations under intermediate points NNE., ENE., &c. have been alternately thrown forward and backward, while those under the points S. by E., S.E. by E., &c., have been taken as S., S.E., &c.

The extremes of the minimum temperature, maximum temperature, and rainfall are as before printed in **Egyptian type**.

Stations which are in connexion with the Royal Meteorological Society and the Scottish Meteorological Society are distinguished by the prefix of an asterisk "\*" and dagger "+" respectively. The returns from these stations are published here under an arrangement which will be found detailed in the Report of the Meteorological Committee for 1874.

On pages 230-231 is given, in Part III., 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. And on page 232 will be found, as Part IV., a table giving the number of hours of bright Sunshine registered at various stations.

Stations.	Observers.
Sandwick (Orkney) -	Rev. C. Clouston, LL.D. ( <i>the late</i> ).
†Dunrobin Castle -	Mr. D. Melville (for the Duke of Sutherland, K.G.).
†Braemar -	James Aitken, Esq.
Landale (Argyleshire) -	Mr. A. Fletcher (for T. H. G. Newton, M.A., F.R.Met.Soc.).
†Dundee -	W. Ross McKelvie, Esq.
†Rothesay (Isle of Bute) -	James Kay, Esq.
†Pinmore (Ayrshire) -	Mr. Peter Donald.
*Scaleby (near Carlisle) -	R. A. Allison, F.R.Met.Soc.
Seaham -	Mr. G. H. Aird.
Durham -	G. A. Goldney, Esq.
Newton Reigny -	T. G. Benn, F.R.Met.Soc.
Aysgarth (Yorkshire) -	Rev. Fenwick W. Stow, M.A., F.R.Met.Soc.
*Scarborough -	A. Rowntree, F.R.Met.Soc.
Cronkbourne (Douglas), Isle of Man -	A. W. Moore, M.A., F.R.Met.Soc.
York -	J. Wright (for the Yorkshire Philosophical Society).
Stonyhurst -	Rev. S. J. Perry, M.A., F.R.S.
*Wakefield -	H. Clarke, L.R.C.P., F.S.S., F.R.Met.Soc.
Prestwich -	T. R. H. Clunn, M.D.
*Llandudno -	J. Nicol, M.D., F.R.Met.Soc.
*Buxton -	E. J. Sykes, M.B., F.R.A.S., F.R.Met.Soc.
*Cheadle -	J. C. Philips, F.R.Met.Soc.
*Hillington (Norfolk) -	Rev. H. Ffolkes, M.A., F.R.Met.Soc.
Leicester -	J. C. Smith ( <i>the late</i> ) (for Museum Authorities).
Uppingham -	Rev. G. H. Mullins, M.A., F.R.Met.Soc.
*Churchstoke (Montgomeryshire) -	P. Wright, F.C.S., F.R.Met.Soc.
Geldeston (Beccles) -	E. T. Dowson, F.R.Met.Soc.
*Cheltenham -	R. Tyrer, B.A., F.R.Met.Soc.
St. David's -	W. P. Probert, M.A., LL.D., F.G.S., F.R.Met.Soc.
*Carmarthen -	G. J. Hearder, M.D.
*Marlborough -	Rev. T. A. Preston, M.A., F.R.Met.Soc.
*Margate -	J. Stokes, F.R.Met.Soc.
Southampton (Ordnance Survey Office) -	Mr. J. T. Cook (for the Director General of Survey).
St. Leonards -	H. Colborne, M.R.C.S., F.R.Met.Soc.
*Southbourne -	T. A. Compton, B.A., M.D., F.R.Met.Soc.
*Babbacombe (Torquay) -	E. E. Glyde, F.R.Met.Soc.
Totnes -	T. H. Edmonds, F.R.Met.Soc.
St. Aubin's (Jersey) -	J. E. Vibert, M.A. ( <i>the late</i> ).
Londonderry -	J. Conroy, F.R.Met.Soc.
Armagh -	J. L. E. Dreyer, Ph.D., F.R.A.S.
Brookeborough (Colebrooke Park) -	W. Ferguson (for Sir Victor Brooke, Bart., F.L.S.).
Markree Castle (Sligo) -	A. Marth, F.R.A.S. (for Colonel Cooper, F.R.A.S.).
Glasnevin (Botanic Gardens) -	F. W. Moore, Esq.
Dublin (O.S.O. Phoenix Park) -	Sergt. Lipscombe (for Col. Sir C. Wilson, R.E. and Maj. Macpherson, R.E.).
Dublin (City) -	J. W. Moore, M.D., F.R.Met.Soc.
Parsonstown (Birr Castle) -	G. Phillips (for the Earl of Rosse, F.R.S.).
*Killarney -	Rev. G. R. Wynne, M.A., F.R.Met.Soc.

NOTE.—In the above list, as in that on page 3, the stations are arranged in order of latitude, beginning with the most northerly, but starting afresh for the Irish stations.



## OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

## SANDWICK

Long. 3° 18' W. Lat. 59° 2' N. Height above Mean Sea Level, 94 feet.

1884.	Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
					Min.	Max.	Min.	Day.	Max.	Day.							
January -	ins. 29.601	40.7	40.8	40.8	37.5	44.9	29.7	26th	50.0	9th	in. .213	in. .228	in. .221	% 85	% 90	% 88	
February -	.677	39.6	39.3	39.5	36.5	43.7	30.8	2nd	48.9	4th	.210	.215	.213	86	90	88	
March -	.733	41.1	40.4	40.8	37.2	45.6	29.2	11th	55.8	17th	.222	.224	.223	86	90	88	
April -	.881	44.0	42.4	43.2	39.1	48.1	33.3	28th	54.8	3rd	.236	.231	.234	81	86	84	
May -	.799	47.6	44.8	46.2	41.6	51.2	33.8	6th	59.6	11th	.256	.252	.254	78	85	82	
June -	.967	52.0	50.3	51.2	47.1	56.5	41.7	5th	65.0	30th	.305	.301	.303	79	83	81	
July -	.857	56.3	53.3	54.8	50.0	60.6	41.3	22nd	68.8	10th	.361	.343	.352	79	84	82	
August -	.873	57.0	54.9	56.0	51.8	62.7	43.8	28th	69.7	6th	.377	.372	.375	81	87	84	
September -	.825	54.0	52.0	53.0	49.2	58.4	44.2	7th	67.5	10th	.363	.348	.356	87	90	89	
October -	.794	47.8	47.1	47.5	44.3	51.8	34.1	29th	57.3	22nd	.288	.286	.287	87	89	88	
November -	.983	40.7	41.4	41.1	37.8	45.8	24.4	30th	57.8	11th	.224	.233	.229	88	90	89	
December -	29.502	39.8	39.9	39.9	36.1	44.1	26.4	1st	49.0	14th	.221	.220	.221	91	90	91	
Year -	29.791	46.7	45.6	46.2	42.4	51.1	—	—	—	—	.273	.271	.272	84.0	87.8	85.9	

## DUNROBIN CASTLE

Long. 3° 59' W. Lat. 57° 57' N. Height above Mean Sea Level, 12 feet.

January -	ins. 29.691	40.1	40.5	40.3	35.8	45.8	26.0	26th	53.3	15th	21.7	22.7	22.2	86.5	89.3	87.9
February -	718	40.3	39.5	39.9	35.4	46.1	27.5	2nd	59.0	13th	21.6	21.3	21.5	86.1	87.1	86.6
March -	775	42.9	41.2	42.1	36.6	47.8	28.5	11th	57.9	16th	22.7	23.0	22.9	82.3	88.5	85.4
April -	885	46.0	43.8	44.9	38.5	50.7	31.0	1st	55.5	3rd	24.4	24.5	24.5	79.1	85.9	82.5
May -	828	50.1	47.1	48.6	41.9	54.7	32.5	4th	68.6	23rd	29.2	28.2	28.7	80.4	86.4	83.4
June -	993	54.9	52.4	53.7	47.5	58.7	40.2	5th	67.8	29th	33.9	33.6	33.8	78.4	85.2	81.8
July -	870	57.6	55.1	56.4	50.3	60.8	39.1	20th	68.8	8th	39.8	39.7	39.8	83.1	90.6	86.9
August -	895	60.0	57.3	58.7	51.8	64.8	41.7	27th	70.8	6th	42.7	41.7	42.2	82.2	88.0	85.1
September -	870	56.8	53.5	55.2	48.0	60.1	41.9	1st	69.5	11th	37.4	35.7	36.6	80.5	86.6	83.6
October -	29.858	49.0	46.5	47.8	41.6	53.7	29.5	29th	60.9	21st	28.8	27.8	28.3	82.0	86.7	84.4
November -	30.040	41.0	40.2	40.6	36.0	46.9	23.0	30th	54.7	1st	22.2	21.9	22.1	85.3	86.8	86.1
December -	29.587	36.8	37.8	37.3	32.7	42.9	24.7	23rd	51.5	14th	19.0	19.0	19.0	86.1	83.2	84.7
Year -	29.834	48.0	46.2	47.1	41.3	52.8	—	—	—	—	28.6	28.3	28.5	82.7	87.0	84.9

## BRAEMAR

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

January -	ins. 29.726	36.1	37.4	36.8	32.7	41.9	14.7	3rd	49.5	21st	18.6	18.9	18.8	85.7	83.3	84.5
February -	719	35.4	34.8	35.1	30.9	40.6	16.6	29th	46.5	5th	17.7	17.9	17.8	84.8	87.1	86.0
March -	772	36.6	37.3	37.0	33.0	42.6	23.7	10th	58.9	16th	18.5	18.8	18.7	83.9	83.3	83.6
April -	866	40.0	39.1	39.6	33.1	47.4	23.4	29th	58.7	3rd	19.3	19.6	19.5	78.0	81.5	79.8
May -	823	47.1	45.3	46.2	38.1	54.9	26.4	4th	71.3	23rd	24.9	24.3	24.6	75.6	79.5	77.6
June -	972	53.7	51.6	52.7	43.9	61.1	29.4	5th	80.4	28th	29.8	30.1	30.0	71.8	78.0	74.9
July -	828	56.3	54.5	55.4	48.3	62.8	39.3	20th	74.8	4th	37.1	37.5	37.3	81.0	86.8	83.9
August -	904	56.8	54.4	55.6	48.1	64.3	36.2	27th	75.5	12th	36.4	35.7	36.1	78.1	83.2	80.7
September -	884	51.8	50.2	51.0	45.0	59.1	32.4	14th	67.7	12th	32.2	31.5	31.9	82.3	85.8	84.1
October -	29.893	43.3	43.1	43.2	38.4	51.1	28.4	29th	61.5	6th	23.8	24.5	24.2	83.5	86.4	85.0
November -	30.055	36.8	36.5	36.7	32.3	43.3	12.8	30th	51.7	1st	19.4	18.8	19.1	86.4	85.5	86.0
December -	29.643	33.3	33.1	33.2	28.4	38.7	13.9	22nd	50.5	14th	17.3	16.6	17.0	89.4	87.8	88.6
Year -	29.841	43.9	43.1	43.5	37.7	50.7	—	—	—	—	24.6	24.5	24.6	81.7	84.0	82.9

## MONTHLY SUMMARIES.—SANDWICK—DUNROBIN CASTLE—BRAEMAR.

## SANDWICK.

Thermometers, 4 feet above ground. Rain-gauge, 2 feet above ground.

1884.	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. 5.330	ins. 1.060	26th	26	5	4	1	0	21	21	1	0	3	6	8	12	19	9	4
February -	6.1	6.8	6.5	1.340	1.250	4th	19	1	0	0	4	11	15	2	3	0	24	11	7	5	2	4
March -	5.1	6.2	5.7	3.630	5.530	8th	15	2	2	0	5	12	14	0	0	3	25	17	3	4	5	5
April -	5.3	4.8	5.1	0.760	2.30	30th	15	1	0	0	9	9	2	8	6	6	23	7	3	1	3	3
May -	6.6	6.8	6.7	2.080	3.60	17th	17	1	0	0	4	16	6	7	3	5	10	4	8	12	7	6
June -	7.5	7.2	7.4	1.590	3.40	12th	16	0	0	0	0	13	3	8	3	0	10	5	5	14	8	7
July -	5.9	6.4	6.2	2.540	6.90	13th	15	0	0	1	3	11	1	2	0	15	21	1	3	6	9	5
August -	6.2	7.3	6.8	2.810	8.20	28th	12	0	1	3	3	14	1	1	0	0	25	12	7	7	2	8
September -	6.5	6.9	6.7	1.690	3.30	24th	16	0	0	1	3	12	4	1	1	2	10	14	8	9	6	9
October -	7.9	8.0	8.0	5.400	8.60	25th	22	4	4	2	2	21	14	9	1	1	2	8	12	13	13	3
November -	5.9	6.2	6.1	3.940	5.00	7th	23	4	0	0	6	11	12	12	3	1	3	9	7	8	8	9
December -	7.9	8.1	8.0	4.310	5.10	13th	20	3	4	2	1	19	18	6	0	0	3	18	8	17	7	3
Year -	6.6	7.0	6.8	35.420	—	—	216	21	15	10	40	170	111	57	20	36	162	114	83	115	79	66

## DUNROBIN CASTLE.

Thermometers, 3 feet 8 inches above ground. Rain-gauge, 1 foot above ground.

January -	—	—	—	ins. 4.730	ins. 8.40	23rd	23	7	0	0	—	—	—	7	2	4	3	3	5	27	11	0
February -	—	—	—	0.960	2.00	17th	9	2	0	0	—	—	—	4	1	13	12	6	6	13	3	0
March -	—	—	—	1.800	4.30	9th	12	1	0	0	—	—	—	1	1	19	17	8	6	9	1	0
April -	—	—	—	0.440	1.70	2nd	3	0	0	0	—	—	—	0	2	41	6	6	0	5	0	0
May -	—	—	—	2.740	4.20	2nd	12	0	0	0	—	—	—	1	6	14	11	1	8	15	6	0
June -	—	—	—	0.800	2.50	21st	8	0	0	0	—	—	—	3	10	13	14	2	8	4	6	0
July -	—	—	—	2.040	4.50	23rd	16	0	0	0	—	—	—	4	8	20	15	3	6	1	5	0
August -	—	—	—	2.310	7.90	28th	12	0	0	2	—	—	—	2	4	14	13	2	13	8	6	0
September -	—	—	—	0.930	2.00	28th	9	0	0	0	—	—	—	1	4	12	12	3	7	18	3	0
October -	—	—	—	4.160	7.30	9th	18	2	0	0	—	—	—	6	7	7	2	0	8	22	10	0
November -	—	—	—	3.630	1.240	26th	15	1	0	0	—	—	—	15	7	3	0	2	9	11	13	0
December -	—	—	—	2.030	4.00	13th	17	2	0	0	—	—	—	11	2	0	8	1	8	18	17	0
Year -	—	—	—	26.570	—	—	154	15	0	2	—	—	—	55	54	160	110	37	84	151	81	0

## BRAEMAR.

Thermometers, 4 feet 3 inches above



## OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

## LAUDALE

Long. 5° 41' W. Lat. 56° 41' N. Height above Mean Sea Level, 14 feet.

1884.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.						
January - -	ins. 29.761	43.4	43.8	43.6	38.1	48.0	26.5	26th	54.1	11th	in. .263	in. .270	in. .267	% 92.3	% 93.4	% 92.9
February - -	.700	41.5	41.2	41.4	36.7	46.0	27.2	2nd	51.5	4th	.235	.230	.233	87.7	87.4	87.6
March - -	.750	43.1	43.6	43.4	38.7	48.7	31.4	1st	61.3	16th	.223	.233	.228	79.3	81.0	80.2
April - -	.852	45.9	45.0	45.5	39.9	52.1	33.0	18th	60.3	10th	.238	.240	.239	77.0	80.3	78.7
May - -	29.839	51.1	48.4	49.8	43.0	56.0	33.5	7th	70.8	24th	.295	.285	.290	78.0	83.3	80.7
June - -	30.020	54.6	52.2	53.4	47.3	60.2	40.0	9th	77.9	28th	.378	.361	.370	88.3	92.0	90.2
July - -	29.838	59.2	56.5	57.9	52.3	66.0	43.5	{ 27th 28th }	76.8	4th	.398	.393	.396	79.0	85.4	82.2
August - -	.886	59.2	57.1	58.2	52.6	64.7	44.2	29th	75.8	8th	.412	.393	.403	81.4	83.8	82.6
September - -	.876	56.9	54.9	55.9	50.0	61.4	41.2	1st	71.4	13th	.375	.365	.370	80.0	84.0	82.0
October - -	29.930	48.0	48.5	48.3	43.3	53.5	33.6	29th	59.5	6th	.290	.299	.295	85.9	86.3	86.1
November - -	30.038	42.5	41.9	42.2	37.3	47.4	27.2	29th	54.8	11th	.238	.225	.232	86.1	83.5	84.8
December - -	29.628	40.6	40.9	40.8	36.4	44.4	27.2	1st	54.0	14th	—	—	—	—	—	—
Year -	29.845	48.8	47.8	48.3	43.0	54.0	—	—	—	—	—	—	—	—	—	—

## DUNDEE

Long. 2° 56' W. Lat. 56° 28' N. Height above Mean Sea Level, 160 feet.

January	ins. 29.745	39.6	41.0	40.3	36.3	44.2	25.1	3rd	52.7	9th	in. 212	in. 221	in. 217	85.6	85.3	85.5
February	766	39.1	38.3	38.7	34.8	43.7	25.1	29th	51.8	4th	203	201	202	83.7	85.3	84.5
March	810	40.8	39.9	40.4	35.5	46.5	29.1	11th	60.8	17th	215	216	216	84.0	87.5	85.8
April	877	44.5	40.8	42.7	36.5	50.2	31.5	1st	60.8	8th	241	223	232	82.4	87.1	84.8
May	29.862	51.3	46.6	49.0	41.9	57.3	33.3	4th	70.3	23rd	287	266	277	75.3	83.5	79.4
June	30.005	57.0	51.7	54.4	47.3	63.0	42.3	6th	79.7	28th	343	319	331	73.3	83.1	78.2
July	29.861	57.6	54.5	56.1	51.3	63.5	43.9	20th	73.8	8th	397	382	390	83.5	88.9	86.2
August	920	60.2	55.7	58.0	50.9	67.6	40.3	29th	77.4	23rd	414	394	404	79.0	87.8	83.4
September	903	55.1	52.2	53.7	47.6	61.3	39.1	6th	68.5	8th	373	358	366	85.4	91.1	88.3
October	29.910	47.0	45.9	46.5	40.9	53.6	31.1	29th	61.5	5th	271	277	274	83.3	88.4	85.9
November	30.061	39.6	39.1	39.4	35.5	45.2	20.8	30th	54.9	7th	214	210	212	85.1	86.3	85.7
December	29.660	36.0	36.1	36.1	31.9	40.3	20.7	23rd	51.8	14th	191	189	190	88.9	87.7	88.3
Year	29.865	47.3	45.2	46.3	40.9	53.0	—	—	—	—	280	271	276	82.5	86.8	84.7

## ROTHESAY

Long. 5° 4' W. Lat. 55° 50' N. Height above Mean Sea Level, 115 feet.

January	ins. 29.816	41.9	42.2	42.1	37.7	46.9	30.2	26th	52.4	9th	in. 241	in. 240	in. 241	88.5	88.5	88.5
February	750	40.1	39.7	39.9	35.8	44.5	28.7	2nd	49.9	4th	215	210	213	84.4	83.8	84.1
March	805	41.9	40.9	41.4	37.4	46.4	30.2	11th	61.6	16th	228	216	222	84.7	83.5	84.1
April	873	45.9	44.0	45.0	38.6	53.7	34.2	14th	59.0	3rd	240	229	235	77.6	79.5	78.6
May	29.892	50.7	47.7	49.2	42.1	57.4	32.4	7th	71.0	23rd	297	274	286	80.2	82.2	81.2
June	30.041	56.9	52.9	54.9	46.7	63.5	38.4	9th	81.2	28th	358	325	342	77.3	80.9	79.1
July	29.872	59.3	56.7	58.0	51.4	66.0	41.1	20th	76.4	3rd	466	446	456	91.9	96.2	94.1
August	939	59.2	56.1	57.7	51.7	65.9	41.1	29th	75.1	7th	451	427	439	88.8	93.6	91.2
September	926	56.4	53.4	54.9	48.7	62.4	41.1	11th	68.5	13th	397	379	388	86.7	92.0	89.4
October	29.982	48.5	47.3	47.9	42.6	53.9	32.7	11th	62.4	7th	300	301	301	86.8	90.4	88.6
November	30.101	41.3	40.6	41.0	36.6	47.7	27.2	30th	55.0	1st	235	216	226	88.0	83.2	85.6
December	29.702	39.1	38.4	38.8	35.0	43.6	25.5	22nd	53.9	14th	214	208	211	87.6	87.5	87.6
Year	29.892	48.4	46.7	47.6	42.0	54.3	—	—	—	—	304	289	297	85.2	86.8	86.0

## MONTHLY SUMMARIES.—LAUDALE—DUNDEE—ROTHESAY.

## LAUDALE.

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

1884.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9a.m.	9p.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 -	9.3	9.2	9.3	ins. 11.530	ins. 1.340	5th	30	12	5	1	0	25	13	0	0	1	3	10	18	22	4	4
February -	7.3	6.8	7.1	11.770	1.640	20th	20	9	1	0	3	16	7	3	1	12	5	15	7	6	1	8
March -	8.5	7.5	8.0	8.880	1.410	6th	26	11	0	0	0	18	13	0	0	7	9	27	3	4	4	8
April -	6.9	5.6	6.3	2.920	1.730	30th	11	4	1	1	6	7	2	7	0	6	5	13	3	1	3	22
May -	7.5	6.8	7.2	5.290	.900	7th	21	5	5	1	5	18	6	5	0	6	2	8	7	10	7	17
June -	8.4	7.6	8.0	2.070	.560	1st	14	0	0	0	1	17	1	2	0	2	1	4	3	8	11	29
July -	8.3	7.6	8.0	6.390	1.750	10th	22	0	0	2	1	18	0	0	0	9	8	6	5	3	4	27
August -	8.1	7.6	7.9	6.880	1.880	15th	24	0	0	2	0	15	2	0	0	6	5	11	5	5	3	27
September -	6.4	6.4	6.4	7.050	1.230	30th	16	0	1	1	3	10	1	2	0	20	1	6	4	15	2	10
October -	8.9	8.3	8.6	11.350	1.900	30th	27	1	1	1	0	22	6	9	1	4	0	4	4	18	4	18
November -	7.0	6.5	6.8	11.900	2.550	8th	19	5	1	0	3	11	5	5	0	8	1	4	5	11	5	21
December -	8.3	7.5	7.9	12.980	1.620	9th	25	7	8	2	1	15	9	1	1	8	4	9	1	26	2	10
Year -	7.9	7.3	7.6	99.010	—	—	255	54	23	11	23	192	65	34	3	89	44	117	65	129	50	201

## DUNDEE.

Thermometers, 3 feet 9 inches above ground. Rain-gauge, 5 inches till July, then 1 foot above ground.

January	9.5	9.3	9.4	ins. 3.500	ins. .750	4th	16	8	0	0	0	28	12	0	3	1	6	1	12	33	6	0
February	8.1	8.7	8.4	2.000	.500	19th	11	3	0	0	1	21	13	0	7	0	21	1	14	9	6	0
March	8.8	9.6	9.2	2.850	.700	9th	12	6	2	0	0	25	8	1	3	1	23	3	20	3	8	0
April	8.6	8.6	8.6	1.500	.500	2nd	10	3	0	3	1	22	0	1	16	6	27	4	2	2	2	0
May	8.1	8.3	8.2	1.750	.300	16th	14	1	3	2	1	21	4	2	3	0	22	1	19	10	5	0
June	8.1	8.9	8.5	0.250	.050	1st	5	0	0	0	0	18	2	0	6	6	22	0	11	8	7	0
July	9.5	9.7	9.6	6.150	1.450	10th	15	0	1	8	0	28	0	0	3	8	19	4	18	6	4	0
August	7.5	9.4	8.5	2.250	1.100	12th	10	0	0	3	0	17	0	0	2	0	25	6	18	7	4	0
September	7.0	8.5	7.8	2.930	.900	4th	21	0	2	4	0	15	2	0	2	5	18	3	19	7	6	0
October	7.7	8.5	8.1	1.570	.340	11th	14	2	1	0	0	18	6	3	1	0	4	2	11	22	19	0
November	7.3	8.6	8.0	1.810	.590	6th	13	0	1	0	2	19	5	3	5	0	8	3	8	13	20	0
December	8.7	8.9	8.8	2.550	.600	7th	14	8	0	0	1	25	2	1	3	3	6	2	18	19	10	0
Year	8.2	8.9	8.6	29.110	—	—	155	31	10	20	6	257	54	11	54	30	201	30	170	139	97	0

## ROTHESAY.

Thermometers, 3 feet 1



## OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

## PINMORE (AYRSHIRE)

Long. 4° 49' W. Lat. 55° 12' N. Height above Mean Sea Level, 187 feet.

1884.	Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
					Min.	Max.	Min.	Day.	Max.	Day.							
January - -	ins. 29.902	41° 5	41° 8	41° 7	38° 1	45° 7	25° 5	3rd	52° 1	9th	in. 24.1	in. 23.7	in. 23.9	% 90.4	% 88.5	% 89.5	
February - -	.784	39.2	38.6	38.9	34.5	44.8	25.5	{ 2nd 26th }	49.2	{ 4th 5th 14th }	21.6	21.3	21.5	88.9	89.1	89.0	
March - -	.847	41.2	40.7	41.0	36.4	46.7	25.5	11th	59.6	16th	22.8	22.5	22.7	87.0	87.6	87.3	
April - -	.884	46.4	42.1	44.3	34.7	52.5	26.5	28th	59.1	9th	24.0	23.2	23.6	76.5	86.0	81.3	
May - -	29.926	51.6	46.9	49.3	39.9	58.8	28.5	7th	75.9	24th	29.6	28.3	29.0	77.9	87.5	82.7	
June - -	30.058	58.1	52.3	55.2	45.5	64.0	34.0	7th	79.4	28th	34.9	33.9	34.4	72.1	86.1	79.1	
July - -	29.890	60.4	56.6	58.5	51.6	66.0	41.9	3rd	78.9	4th	41.0	40.4	40.7	77.8	87.6	82.7	
August - -	.974	60.9	56.0	58.5	50.4	67.2	39.4	{ 20th 28th }	80.9	8th	42.7	40.9	41.8	79.6	89.9	84.8	
September -	29.960	57.2	52.1	54.7	46.1	62.9	33.5	1st	74.9	12th	39.7	35.6	37.7	84.4	90.5	87.5	
October - -	30.035	48.0	46.8	47.4	41.6	53.8	32.5	13th	62.1	6th	28.6	29.6	29.1	84.7	91.2	88.0	
November -	30.139	38.9	39.2	39.1	33.6	47.0	20.4	24th	55.1	7th	22.0	21.5	21.8	89.3	87.8	88.6	
December -	29.764	37.3	37.5	37.4	32.5	43.1	19.5	22nd	57.1	8th	19.8	20.2	20.0	87.4	88.5	88.0	
Year -	29.930	48.4	45.9	47.2	40.4	54.4	—	—	—	—	29.2	28.4	28.8	83.0	88.4	85.7	

## SCALEBY (NEAR CARLISLE)

Long. 2° 52' W. Lat. 54° 58' N. Height above Mean Sea Level, 111 feet.

Right above Mean Sea Level, 111 feet.																	
	ins.											in.	in.	in.	%	%	%
January -	29.871	41.4	41.9	41.7	37.7	46.5	28.0	{ 26th 2nd 3rd 3rd 4th 11th }	54.0	22nd	.246	.241	.244	93.2	90.8	92.0	
February -	.793	40.0	39.8	39.9	35.4	45.6	26.5		51.8	13th	.236	.234	.235	94.7	94.2	94.5	
March -	.851	42.3	41.1	41.7	36.2	49.2	30.0		67.0	16th	.244	.239	.242	89.4	91.6	90.5	
April -	.861	45.4	41.8	43.6	36.6	52.7	29.0		21st	65.5	3rd	.258	.243	.251	84.7	90.7	87.7
May -	29.907	52.0	47.1	49.6	41.4	59.3	32.5		7th	77.0	23rd	.323	.305	.314	82.4	93.3	87.9
June -	30.028	57.9	54.1	56.0	46.5	66.1	37.0	14th	82.5	28th	.393	.368	.381	82.2	87.9	85.1	
July -	29.868	60.7	57.1	58.9	51.5	68.4	40.7	26th	80.2	3rd	—	—	—	—	—	—	
August -	.946	62.3	56.9	59.6	51.2	69.8	40.5	29th	83.0	8th	.388	.426	.407	86.1	91.8	89.0	
September -	.940	56.4	53.7	55.1	48.5	65.2	37.4	4th	74.5	17th	.391	.374	.383	85.7	90.0	87.9	
October -	29.983	48.1	46.6	47.4	41.3	54.8	27.5	11th	61.8	5th	.297	.293	.295	87.0	90.8	88.9	
November -	30.108	39.9	38.5	39.2	34.0	46.3	21.6	30th	58.5	7th	.222	.213	.218	87.5	89.4	88.5	
December -	29.742	37.0	38.0	37.5	33.1	42.6	21.5	28th	54.0	14th	.194	.198	.196	85.9	85.4	85.7	
Year -	29.908	48.6	46.4	47.5	41.1	55.5	—	—	—	—	—	—	—	—	—	—	

## SEAHAM HARBOUR

Long. 1° 19' W. Lat. 54° 50' N. Height above Mean Sea Level, 58 feet.

1884. Mean Pressure. Air Temperature. Height above Mean Sea Level, 58 feet.																
	ins.	Air Temperature.						26th	53.5	{ 9th 22nd 5th 17th 6th 11th 13th 12th 15th 24th	in.	in.	in.	°/o	°/o	°/o
		43.0	42.8	42.9	38.8	47.3	31.5									
January -	29.867	43.0	42.8	42.9	38.8	47.3	31.5	26th	53.5	{	in.	in.	in.	°/o	°/o	°/o
February -	.817	42.0	41.0	41.5	36.9	46.2	28.0	29th	53.5	22nd	.238	.235	.237	84.7	84.3	84.5
March -	.866	43.3	42.3	42.8	37.7	49.8	29.5	3rd	65.5	5th	.227	.226	.227	84.2	86.4	85.3
April -	.868	46.5	42.6	44.6	38.0	49.9	30.5	26th	61.5	17th	.234	.233	.234	82.9	85.6	84.3
May -	29.922	54.2	48.1	51.2	43.7	59.4	35.5	7th	77.5	6th	.260	.241	.251	82.4	87.4	84.9
June -	30.032	57.6	52.7	55.2	47.6	61.8	40.4	1st	80.5	11th	.303	.287	.295	72.2	85.0	78.6
July -	29.887	59.6	56.8	58.2	52.6	64.3	43.5	20th	72.5	13th	.355	.344	.350	75.3	86.2	80.8
August -	.967	61.6	57.1	59.4	52.8	67.1	44.5	29th	82.0	12th	.433	.421	.427	85.1	90.6	87.9
September -	.949	56.8	54.5	55.7	50.5	62.5	45.1	30th	74.5	15th	.428	.408	.418	77.8	87.4	82.6
October -	29.970	49.9	47.7	48.8	42.7	54.7	32.5	11th	62.5	20th	.390	.384	.387	84.0	89.5	86.8
November -	30.096	43.5	41.7	42.6	38.0	47.7	23.5	30th	58.5	31st	.292	.293	.293	80.7	87.0	83.9
December -	29.742	39.8	39.6	39.7	35.6	44.0	28.9	24th	55.0	1st	.246	.232	.239	85.2	86.3	85.8
										13th	.211	.214	.213	84.8	86.6	85.7
Year	29.915	49.8	47.2	48.5	42.9	54.6	—	—	—	—	.301	.293	.297	81.6	86.9	84.3

## MONTHLY SUMMARIES.—PINMORE—SCALEBY—SEAHAM HARBOUR.

## PINMORE (AYRSHIRE).

Thermometers, 4 feet above ground. Rain-gauge, 9 inches above ground.

1884.	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. 9.360	ins. 1.270	26th	29	—	—	—	—	—	3	5	2	0	4	6	6	16	23	0
February -	—	—	—	7.600	1.410	20th	23	—	—	—	—	—	0	8	1	1	16	16	0	11	5	0
March -	—	—	—	4.810	.830	4th	22	—	—	—	—	—	2	3	1	11	7	14	12	6	8	0
April -	—	—	—	1.370	.420	3rd	10	—	—	—	—	—	0	19	0	0	5	12	8	2	14	0
May -	—	—	—	5.380	1.050	3rd	16	—	—	—	—	—	0	4	4	2	4	12	21	8	7	0
June -	—	—	—	0.830	.230	24th	7	—	—	—	—	—	0	1	2	0	0	17	2	11	27	0
July -	—	—	—	4.620	.990	10th	21	—	—	—	—	—	0	5	1	1	3	42	1	5	4	0
August -	—	—	—	3.050	.590	27th	15	—	—	—	—	—	0	8	0	0	0	29	17	4	4	0
September -	—	—	—	5.350	1.500	6th	17	—	—	—	—	—	0	7	0	0	4	23	6	10	10	0
October -	—	—	—	5.440	.730	31st	21	—	—	—	—	—	2	17	1	0	1	6	10	4	23	0
November -	—	—	—	4.300	.910	1st	13	—	—	—	—	—	0	19	6	5	10	8	3	4	5	0
December -	—	—	—	5.800	.980	12th	21	—	—	—	—	—	4	23	0	4	4	3	13	4	11	0
Year -	—	—	—	57.910	—	—	215	—	—	—	—	—	11	119	18	24	58	188	99	85	141	0

## SCALEBY (NEAR CARLISLE).

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

Thermometers, 4 feet above ground.																						Rain-gauge, 1 foot above ground.									
					ins.	ins.																									
January	-	8.5	7.5	8.0	5.030	.850	3rd	26	3	0	1	1	18	13	1	2	6	2	1	32	10	4	4								
February	-	8.3	5.5	6.9	1.710	.260	11th	18	3	0	0	2	13	6	2	7	12	2	4	24	0	1	6								
March	-	7.8	5.8	6.8	2.230	.670	4th	16	1	0	0	2	11	3	0	2	15	10	5	13	4	2	11								
April	-	8.0	5.3	6.7	1.420	.340	29th	17	0	0	4	2	9	1	10	8	22	2	4	5	2	0	7								
May	-	7.0	5.7	6.4	2.020	.470	8th	13	0	4	5	4	12	3	1	3	13	3	1	31	0	1	9								
June	-	7.1	6.4	6.8	0.540	.150	4th	8	0	0	1	2	13	0	4	5	3	3	1	11	15	2	16								
July	-	7.6	7.2	7.4	6.690	1.000	10th	22	0	0	6	0	16	0	3	1	5	5	4	20	4	0	20								
August	-	5.7	4.0	4.9	1.560	.640	10th	10	0	0	2	7	6	0	0	1	8	4	6	18	2	2	21								
September	-	5.8	5.4	5.6	3.060	.750	21st	17	0	0	1	6	7	3	3	2	14	4	4	19	8	1	5								
October	-	7.7	6.4	7.1	1.690	.400	29th	15	2	0	0	1	10	8	2	5	2	4	2	26	8	4	9								
November	-	7.5	5.9	6.7	1.250	.340	6th	18	2	0	0	2	11	4	2	6	12	5	4	15	4	1	11								
December	-	8.2	5.6	6.9	3.230	.450	7th	17	0	0	0	2	13	11	3	2	7	2	2	29	3	1	13								
Year	-	7.4	5.9	6.7	30.430	—	—	197	11	4	20	31	139	52	31	44	119	46	38	243	60	19	132								



## OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

## DURHAM\*

Long. 1° 35' W. Lat. 54° 46' N. Height above Mean Sea Level, 336 feet.

1884.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		10 a.m.	10 p.m.	Mean.	Means of		Absolute Min. and Max.				10 a.m.	10 p.m.	Mean.	10 a.m.	10 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.						
January	ins. 29.872	42.8	41.2	42.0	36.7	46.7	27.3	26th	53.1	9th	in. 242	in. 235	in. 239	% 87.0	% 89.9	% 88.5
February	827	41.9	37.9	39.9	34.1	45.1	25.0	2nd	53.8	4th	226	205	216	84.4	88.7	86.6
March	864	44.7	39.1	41.9	35.1	48.9	27.2	3rd	65.3	16th	245	221	233	82.3	91.1	86.7
April	865	46.9	40.4	43.7	35.5	50.8	27.2	26th	61.4	2nd	259	228	244	80.6	89.9	85.3
May	29.916	55.5	44.3	49.9	40.0	60.1	32.6	7th	76.2	11th	320	267	294	72.8	90.4	81.6
June	30.027	60.0	50.6	55.3	45.2	65.5	35.3	1st	83.1	28th	364	327	346	70.6	88.5	79.6
July	29.885	63.1	54.1	58.6	49.6	69.7	42.1	28th	80.5	5th	451	386	419	78.1	91.3	84.7
August	966	64.6	54.7	59.7	49.3	71.7	41.3	29th	81.9	12th	441	384	413	72.1	89.2	80.7
September	954	57.7	52.4	55.1	47.4	63.9	38.0	4th	75.3	17th	399	370	385	83.5	93.2	88.4
October	29.968	50.6	45.5	48.1	39.9	55.1	30.4	11th	62.5	15th	311	273	292	83.3	88.5	85.9
November	30.093	44.0	38.9	41.5	35.4	47.2	19.6	30th	57.7	1st	247	215	231	84.7	89.2	87.0
December	29.728	39.9	37.0	38.5	33.4	42.6	26.3	27th	54.5	13th	209	196	203	84.7	87.3	86.0
Year	29.914	51.0	44.7	47.9	40.1	55.6	—	—	—	—	310	276	293	80.3	89.8	85.1

\* Observations taken at 10 a.m. and 10 p.m. each day.

## NEWTON REIGNY (NEAR PENRITH)

Long. 2° 48' W. Lat. 54° 41' N. Height above Mean Sea Level, 579 feet.

1884.	ins.	9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.		9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Max.						
January	29.898	41.0	41.4	41.2	37.3	45.3	26.7	26th	51.2	22nd	236	241	239	% 90.2
February	810	38.5	37.9	38.2	34.4	43.4	25.0	3rd	49.2	14th	225	219	222	% 90.7
March	859	40.2	39.8	40.0	35.7	47.3	27.4	26th	67.2	15th	220	222	221	% 95.5
April	869	44.0	40.9	42.5	35.4	50.1	26.9	25th	61.8	3rd	234	226	230	% 95.0
May	29.923	50.2	46.6	48.4	40.9	58.4	32.3	19th	85.4	23rd	274	265	270	% 87.8
June	30.039	56.1	52.9	54.5	45.3	63.2	33.8	4th	79.2	28th	327	332	330	% 82.8
July	29.881	59.0	56.0	57.5	50.2	66.3	38.7	20th	78.7	3rd	400	399	400	% 77.6
August	966	59.7	56.0	57.9	49.4	68.4	39.1	20th	80.8	8th	408	393	401	% 79.5
September	29.956	55.7	52.0	53.9	46.2	63.7	32.9	4th	73.2	19th	382	352	367	% 86.6
October	30.011	46.0	45.8	45.9	40.7	52.8	28.8	13th	58.4	6th	274	280	277	% 90.2
November	30.129	38.8	37.9	38.4	33.9	45.0	21.9	30th	56.5	7th	214	209	212	% 89.1
December	29.764	35.8	37.0	36.4	32.6	40.6	19.0	26th	52.0	13th	194	199	197	% 88.0
Year	29.925	47.1	45.4	46.3	40.2	53.7	—	—	—	—	282	278	280	% 84.2

## AYSGARTH (YORKSHIRE)

Long. 1° 58' W. Lat. 54° 18' N. Height above Mean Sea Level, 658 feet.

1884.	ins.	9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.		9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Max.						
January	29.915	40.6	41.2	40.9	37.4	44.6	29.1	27th	51.1	22nd	222	222	222	% 85.8
February	842	38.7	38.1	38.4	34.5	43.2	24.7	3rd	49.3	13th	204	201	203	% 84.7
March	884	40.0	39.8	39.9	34.9	46.5	27.3	2nd	63.6	17th	211	210	211	% 85.5
April	873	43.1	40.7	41.9	35.4	48.5	27.0	24th	61.3	3rd	223	218	221	% 84.7
May	29.942	50.8	45.9	48.4	40.8	57.1	30.4	7th	73.7	11th	266	260	263	% 81.6
June	30.039	56.6	52.1	54.4	44.8	62.6	32.0	4th	76.2	27th	327	319	323	% 71.6
July	29.895	60.2	55.9	58.1	50.6	66.1	39.5	26th	78.6	3rd	416	404	410	% 80.0
August	978	61.0	55.9	58.5	49.9	68.6	41.4	5th	79.2	24th	425	392	409	% 78.1
September	29.969	55.3	52.3	53.8	47.0	62.3	39.5	6th	72.8	18th	383	358	371	% 87.1
October	30.013	47.0	45.2	46.1	40.2	52.4	28.5	11th	59.0	16th	265	265	265	% 81.0
November	30.132	40.6	39.0	39.8	35.3	45.2	21.0	30th	57.0	7th	211	208	210	% 80.1
December	29.782	36.7	37.3	37.0	33.4	40.8	25.1	28th	51.5	14th	191	194	193	% 86.1
Year	29.939	47.6	45.3	46.5	40.4	53.2	—	—	—	—	279	271	275	% 80.9

## MONTHLY SUMMARIES.—DURHAM—NEWTON REIGNY—AYSGARTH.

## DURHAM.\*

Thermometers, 4 feet 8 inches above ground. Rain-gauge, 4 feet above ground.

1884.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	10 a.m.	10 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 -	7.1	5.1	6.1	ins.	ins.	3rd	17	2	0	0	0	9	4	0	0	2	2	8	23	20	3	4	
February -	7.8	6.5	7.2	1.269	.320	23rd	16	3	1	0	1	15	1	2	1	5	8	17	13	5	5	2	
March -	7.2	5.4	6.3	2.525	.940	4th	12	2	0	0	2	11	1	1	5	4	7	20	9	4	5	7	
April -	7.2	6.9	7.1	2.044	.279	1st	20	0	0	1	2	16	0	9	12	8	9	7	3	1	3	8	
May -	6.5	3.9	5.2	0.669	.137	4th	10	0	0	2	5	7	0	0	7	7	2	8	25	8	3	2	
June -	7.0	7.0	7.0	1.017	.348	6th	9	0	0	1	2	13	0	11	8	6	3	7	6	4	7	8	
July -	7.1	6.5	6.8	3.891	1.080	5th	16	0	0	6	2	14	0	2	2	7	6	8	15	8	4	10	
August -	6.2	2.8	4.5	0.730	.240	27th	7	0	0	3	6	4	0	1	1	4	2	10	20	12	6	6	
September -	7.3	5.3	6.3	1.384	.493	21st	12	0	0	2	3	11	0	4	4	1	0	12	20	11	5	3	
October -	6.1	6.2	6.2	1.511	.612	11th	12	0	0	0	3	9	0	4	2	0	0	6	16	21	13	0	
November -	6.5	5.2	5.9	1.781	.400	4th	12	2	0	0	4	11	0	6	4	1	2	10	13	8	12	4	
December -	6.5	5.0	5.8	1.274	.300	19th	13	1	0	0	6	10	0	3	0	0	1	10	20	15	9	4	
Year -	6.9	5.5	6.2	21.267	—	—	156	10	1	15	36	130	6	43	46	45	42	123	183	117	75	58	

\* Observations taken at 10 a.m. and 10 p.m. each day.

## NEWTON REIGNY (NEAR PENRITH).

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

1884.	ins.	9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.		9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Max.						
January	8.0	6.9	7.5	7.250	1.070	22nd	24	7	6	0	0	17	5	1
February	8.3	7.2	7.8	3.850	6.90	9th	20	5	2	0	2	18	1	0
March	7.7	6.3	7.0	3.380	1.020	4th	17	6	0	0	2	13	0	2
April	7.4	6.2	6.8	1.460	2.50	2nd	16	0	2	3	1	8	1	9
May	7.1	4.9	6.0	2.290	5.00	3rd	13	0	2	1	5	11	1	2
June	6.8	6.7	6.8	0.940	6.60	7th	7	0	0	0	1	13	0	4
July	7.7	7.6	7.7	4.870	9.80	10th	24	0	0	7	0	15	0	2
August	6.0	4.9	5.5	1.130	3.70	27th	9	0	0	3	3	8	0	0
September	5.7	4.6	5.2	3.200	4.00	6th	17	0	0	2	6	5	1	2
October	7.5	7.1	7.3	2.140	4.20	25th	17	2	1	0	1	15	1	0
November	6.2	5.4	5.8	2.360	8.10	4th	16	2	0	0	3	8	1	4
December	7.0	5.5	6.3	4.740	8.60	7th	20	5	5	0	1	9	1	2
Year	7.1	6.1	6.6	37.610	—	—	200	27	18	16	25	140	12	28

## AYSGARTH (YORKSHIRE).

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

		ins.		ins.																					
January	-	8.4	7.7	8.1	8.270	1.240	22nd	23	9	1	1	1	19	11	1	1	2	1	2	25	18	7	5		
February	-	8.6	7.1	7.9	2.640	.550	9th	20	6	2	0	0	15	6	3	3	9	4	3	17	9	2	8		
March	-	7.0	6.2	6.6	3.220	1.070	4th	15	6	1	0	1	11	1	2	1	7	7	7	11	11	3	13		
April	-	7.1	7.3	7.2	1.940	.330	1st	20	4	3	3	1	10	0	2	23	8	5	4	3	2	3	10		
May	-	6.8	4.6	5.7	2.280	.680	3rd	13	3	2	2	5	9	4	3	4	8	1	7	15	13	5	6		
June	-	6.3	6.0	6.2	0.600	.260	5th	8	0	0	0	3	12	0	6	9	3	4	1	9	8	7	13		
July	-	6.9	6.9	6.9	5.070	1.320	10th	24	0	0	10	0	10	0	2	10	1	2	5	19	5	4	14		
August	-	5.7	4.3	5.0	2.200	1.070	10th	9	0	0	4	8	8	0	1	9	5	0	1	13	13	4	16		
September	-	6.5	4.2	5.4	2.020	.430	21st	16	0	0	2	4	4	1	0	7	7	0	4	16	13	3	10		
October	-	6.8	5.4	6.1	2.960	.930	11th	15	3	0	0	4	7	6	2	1	1	4	1	18	15	13	7		
November	-	5.8	5.5	5.7	1.980	.640	4th	12	2	1	0	6	8	4	2	6	4	1	7	13	13	9	5		
December	-	6.9	6.7	6.8	7.220	1.500	10th	17	10	6	2	0	11	10	6	3	5	2	1	17	17	6	5		
Year	-	6.9	6.0	6.5	40.400	—	—	192	43	16	24	33	124	43	30	77	60	31	43	176	137	66	112		



## OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

## SCARBOROUGH

Long. 0° 23' W. Lat. 54° 17' N. Height above Mean Sea Level, 129 feet.

1884.	Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
					Min.	Max.	Min.	Day.	Max.	Day.							
January -	ins.	42° 6'	43° 3'	43° 0'	38° 6'	47° 2'	29° 5'	31st	53° 8'	{ 22nd } 23rd	in. .237	in. .246	in. .242	86° 1'	86° 7'	86° 4'	
February -	.864	41° 4'	41° 0'	41° 2'	37° 5'	45° 4'	30° 0'	3rd	53° 0'	4th	.224	.225	.225	85° 8'	86° 4'	86° 1'	
March -	.899	43° 2'	43° 1'	43° 2'	38° 3'	48° 3'	32° 3'	3rd	64° 6'	17th	.238	.243	.241	84° 7'	86° 9'	85° 8'	
April -	.869	46° 0'	43° 3'	44° 7'	40° 2'	49° 1'	34° 8'	{ 24th } 26th	58° 1'	6th	.268	.255	.262	86° 5'	90° 4'	88° 5'	
May -	29° 942	52° 5'	49° 8'	51° 2'	44° 7'	57° 5'	37° 1'	7th	73° 4'	11th	.299	.303	.301	75° 3'	83° 8'	79° 6'	
June -	30° 037	57° 3'	53° 1'	55° 2'	49° 1'	61° 0'	40° 0'	1st	78° 7'	13th	.355	.354	.355	75° 7'	87° 3'	81° 5'	
July -	29° 903	61° 1'	58° 3'	59° 7'	54° 1'	65° 6'	45° 0'	20th	75° 6'	13th	.422	.419	.421	78° 7'	85° 7'	82° 2'	
August -	.985	62° 4'	59° 3'	60° 9'	54° 6'	67° 4'	47° 0'	26th	76° 2'	13th	.406	.407	.407	72° 1'	80° 6'	76° 4'	
September -	.976	57° 8'	55° 4'	56° 6'	51° 3'	62° 8'	43° 8'	30th	69° 2'	20th	.394	.388	.391	82° 3'	87° 5'	84° 9'	
October -	29° 991	49° 4'	48° 7'	49° 1'	44° 3'	54° 7'	35° 9'	29th	64° 3'	18th	.298	.308	.303	84° 1'	88° 6'	86° 4'	
November -	30° 118	43° 6'	43° 2'	43° 4'	39° 6'	47° 3'	26° 8'	30th	57° 0'	1st	.255	.252	.254	89° 0'	89° 7'	89° 4'	
December -	29° 775	39° 6'	40° 5'	40° 1'	36° 3'	43° 6'	28° 8'	27th	53° 1'	13th	.216	.220	.218	87° 6'	86° 1'	86° 9'	
Year -	29° 939	49° 7'	48° 3'	49° 0'	44° 1'	54° 2'	—	—	—	—	.301	.302	.302	82° 3'	86° 6'	84° 5'	

## CRONKBORNE (DOUGLAS) ISLE OF MAN

Long. 4° 29' W. Lat. 54° 10' N. Height above Mean Sea Level, 137 feet.

January	ins. 29.924	43.8	44.3	44.1	40.7	47.4	30.6	27th	55.0	8th	in. 262	in. 259	in. 261	90.3	87.6	89.0
February	773	42.0	41.8	41.9	38.4	45.6	28.5	3rd	51.0	14th	237	229	233	88.0	85.6	86.8
March	837	43.2	42.6	42.9	38.6	46.9	28.4	11th	56.0	16th	236	228	232	83.8	83.1	83.5
April	852	46.6	43.6	45.1	38.9	50.3	30.5	26th	56.8	9th	258	245	252	81.2	86.4	83.8
May	29.927	51.3	48.3	49.8	43.6	55.8	33.9	7th	69.4	23rd	297	285	291	78.7	84.1	81.4
June	30.051	58.0	52.5	55.3	47.4	62.7	37.1	1st	76.0	28th	357	345	351	74.2	86.6	80.4
July	29.876	59.9	56.3	58.1	51.9	63.8	43.5	3rd	72.0	4th	427	422	425	83.1	92.5	87.8
August	957	61.5	56.0	58.8	50.9	65.6	42.5	26th	74.9	8th	446	412	429	81.1	91.4	86.3
September	29.943	58.7	54.8	56.8	49.8	63.3	38.2	6th	72.3	17th	431	401	416	87.0	92.5	89.8
October	30.026	51.1	49.1	50.1	44.9	54.5	37.2	25th	60.2	16th	347	337	342	91.6	95.0	93.3
November	30.115	44.4	42.9	43.7	38.8	48.3	27.5	29th	55.7	1st	273	261	267	91.8	92.0	91.9
December	29.765	41.3	41.7	41.5	38.0	45.0	26.4	26th	52.9	12th	239	241	240	90.1	89.7	89.9
Year	29.921	50.2	47.8	49.0	43.5	54.1	—	—	—	—	318	305	312	85.1	88.9	87.0

## YORK (THE MUSEUM)

Long. 1° 5' W. Lat. 53° 57' N. Height above Mean Sea Level, 51 feet.

January	ins. 29.949	42.4	43.5	43.0	39.0	47.7	31.0	27th	54.0	10th	in. 233	in. 244	in. 239	86	86	86
February	863	40.3	40.9	40.6	36.6	46.8	29.0	3rd	52.5	13th	217	216	217	88	85	87
March	901	41.3	43.2	42.3	36.3	50.2	27.2	2nd	67.6	16th	219	234	227	84	84	84
April	869	45.4	43.3	44.4	37.8	52.4	26.6	24th	66.3	3rd	246	250	248	82	89	86
May	29.957	52.9	49.7	51.3	43.0	60.9	34.7	19th	77.3	11th	278	288	283	69	81	75
June	30.051	57.1	55.1	56.1	47.4	65.8	38.6	1st	79.0	13th	338	348	343	73	80	77
July	29.913	61.5	59.5	60.5	53.5	69.5	44.0	20th	81.0	28th	421	435	428	77	86	82
August	994	61.9	60.7	61.3	52.9	73.5	43.0	26th	86.4	11th	426	426	426	77	80	79
September	29.986	56.5	55.6	56.1	49.8	65.6	38.7	30th	77.0	17th	387	391	389	85	88	87
October	30.023	47.5	47.0	47.3	41.4	55.4	32.0	11th	62.0	18th	274	287	281	83	90	87
November	30.140	41.3	41.0	41.2	36.3	47.3	21.0	30th	58.4	1st	231	227	229	89	89	89
December	29.803	38.5	39.7	39.1	34.8	43.5	25.0	27th	55.0	14th	205	214	210	88	88	88
Year	29.954	48.9	48.3	48.6	42.4	56.6	—	—	—	—	290	297	294	81.8	85.5	83.7

## MONTHLY SUMMARIES.—SCARBOROUGH—CRONKBORNE—YORK.

## SCARBOROUGH.

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

1884.	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	7.0	4.9	6.0	ins. 2.990	ins. 5.60	23rd	17	1	0	1	3	8	2	1	0	1	4	3	15	18	20	0
February	6.9	5.7	6.3	1.750	850	1st	17	5	1	0	1	8	2	3	3	2	13	7	17	10	3	0
March	6.5	6.0	6.3	2.160	390	31st	17	2	1	0	1	8	0	3	6	7	7	10	16	8	5	0
April	6.6	6.9	6.8	1.830	380	27th	19	1	2	2	0	9	0	3	26	11	8	5	4	2	1	0
May	5.9	6.1	6.0	0.710	150	12th	14	0	0	1	4	11	0	3	12	2	6	4	8	18	8	1
June	5.5	6.3	5.9	0.470	200	8th	9	0	0	1	3	10	0	16	6	3	6	3	4	9	2	11
July	6.4	6.8	6.6	2.290	600	26th	18	0	1	5	0	9	0	4	4	1	6	10	17	11	4	5
August	5.2	5.4	5.3	1.540	620	11th	6	0	1	1	4	8	0	1	0	0	12	9	19	12	5	4
September	6.1	4.8	5.5	1.300	400	21st	15	0	0	3	2	3	1	5	7	0	9	2	11	17	8	1
October	6.0	6.1	6.1	2.080	650	9th	13	0	0	0	3	10	0	11	3	0	0	2	10	19	14	3
November	7.2	6.9	7.1	2.190	410	28th	18	3	2	0	1	13	0	11	6	3	1	2	15	11	6	5
December	7.1	6.1	6.6	2.050	410	19th	19	2	1	0	1	9	0	6	3	2	3	4	16	16	7	5
Year	6.4	6.0	6.2	21.360	—	—	182	14	9	14	23	106	5	67	76	32	75	61	152	151	83	35

## CRONKBORNE (DOUGLAS) ISLE OF MAN.

Thermometers, 4 feet above ground. Rain-gauge, 10½ inches above ground.

January	9.4	8.6	9.0	ins. 7.002	ins. 1.570	3rd	27	1	5	0	0	24	9	1	0	6	4	5	18	21	5	2
February	8.2	7.8	8.0	4.964	850	17th	19	1	2	1	1	19	8	1	3	10	12	7	12	8	3	2
March	8.3	7.5	7.9	3.275	636	7th	21	1	3	1	0	18	4	2	4	8	13	15	8	5	5	2
April	7.3	6.7	7.0	1.464	395	3rd	13	0	4	1	0	9	1	7	13	20	9	1	1	1	4	4
May	6.7	7.1	6.9	1.393	420	14th	11	0	2	1	0	13	6	2	4	9	3	9	13	11	8	3
June	6.2	6.7	6.5	0.674	347	28th	8	0	0	6	0	7	2	7	0	4	3	7	5	7	20	7
July	7.1	7.6	7.4	4.438	934	26th	22	0	0	5	0	11	2	2	1	6	8	9	8	8	5	15
August	6.0	5.9	6.0	1.516	1.041	27th	7	0	0	5	2	9	0	3	1	2	5	11	13	6	7	14
September	6.2	5.4	5.8	3.363	1.187	6th	15	0	0	3	3	7	7	1	6	6	3	5	14	8	7	10
October	6.3	7.5	6.9	2.130	429	27th	17	0	2	0	0	16	11	5	2	2	4	4	10	16	12	7
November	6.4	6.3	6.4	4.600	1.001	6th	16	0	2	1	1	10	9	7	3	5	6	6	7	10	9	7
December	7.2	6.9	7.1	5.453	774	1st	21	0	5	0	1	14	13	4	2	4	9	3	12	18	6	4
Year	7.1	7.0	7.1	40.272	—	—	197	3	25	24	8	157	72	42	39	82	79	82	121	119	91	77



## STONYHURST

Long. 2° 28' W. Lat. 53° 51' N. Height above Mean Sea Level, 375 feet.

1884.	Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
					Min.	Max.	Min.	Day.	Max.	Day.							
January - -	ins. 29.966	41.8	42.8	42.3	38.7	47.0	30.8	27th	56.8	23rd	in. .237	in. .242	in. .240	% 88.5	% 86.9	% 87.7	
February - -	.844	39.7	39.6	39.7	35.3	45.2	27.1	3rd	50.6	14th	.207	.207	.207	83.8	83.1	83.5	
March - -	.891	41.7	41.9	41.8	36.8	48.2	30.2	1st	64.9	16th	.220	.221	.221	82.2	81.8	82.0	
April - -	.869	45.1	43.3	44.2	37.0	52.1	30.0	18th	61.8	3rd	.226	.224	.225	75.0	79.0	77.0	
May - -	29.970	51.8	49.0	50.4	42.3	58.9	35.3	19th	75.3	11th	.278	.278	.278	72.7	80.0	76.4	
June - -	30.063	57.7	55.0	56.4	47.6	64.4	39.2	1st	78.8	28th	.335	.333	.334	70.0	76.6	73.3	
July - -	29.920	60.9	57.9	59.4	52.6	66.4	43.7	20th	76.8	3rd	.406	.399	.403	75.8	82.6	79.2	
August - -	30.003	62.1	59.3	60.7	52.5	69.1	41.8	26th	80.5	11th	.418	.411	.415	74.4	80.8	77.6	
September -	29.992	57.2	54.8	56.0	49.7	63.5	39.4	4th	71.4	17th	.383	.367	.375	81.1	84.6	82.9	
October - -	30.052	48.0	47.3	47.7	42.0	54.0	32.6	11th	59.1	26th	.275	.284	.280	81.1	85.6	83.4	
November -	30.153	41.3	40.5	40.9	36.0	48.7	24.4	30th	57.9	1st	.222	.216	.219	83.1	83.5	83.3	
December -	29.812	38.1	39.0	38.6	34.6	45.0	27.3	29th	52.3	{ 4th 14th	.198	.205	.202	83.5	84.1	83.8	
Year -	29.961	48.8	47.5	48.2	42.1	55.2	—	—	—	—	.284	.282	.283	79.3	82.4	80.9	

## WAKEFIELD

Long. 1° 30' W. Lat. 53° 41' N. Height above Mean Sea Level, 96 feet.

		ins.									in.	in.	in.	%	%	%	
January	-	29.959	43.0	43.6	43.3	39.6	47.9	32.3	28th	56.6	11th	252	252	252	90.1	88.0	89.1
February	-	862	41.1	40.8	41.0	36.7	46.3	23.6	29th	53.6	13th	230	228	229	88.6	88.3	88.5
March	-	898	41.8	42.9	42.4	36.4	50.1	29.2	1st	67.4	16th	239	251	245	89.5	89.7	89.6
April	-	866	45.3	43.6	44.5	37.3	51.1	25.2	24th	64.6	3rd	266	263	265	87.0	91.4	89.2
May	-	29.961	53.7	49.9	51.8	42.6	60.7	33.3	21st	78.4	11th	306	309	308	74.1	85.2	79.7
June	-	30.046	57.8	55.1	56.5	47.0	65.4	33.0	1st	79.4	28th	370	373	372	77.7	85.4	81.6
July	-	29.908	61.8	59.1	60.5	53.0	68.8	40.0	20th	80.4	4th	443	449	446	80.0	88.9	84.5
August	-	993	62.5	59.1	60.8	51.3	72.3	41.2	5th	86.4	11th	434	432	433	76.5	85.2	80.9
September	-	29.985	57.2	55.3	56.3	49.1	65.2	34.4	30th	73.6	13th	406	404	405	86.5	91.5	89.0
October	-	30.037	48.3	47.5	47.9	40.9	55.0	30.6	9th	61.4	31st	304	303	304	88.5	90.8	89.7
November	-	30.140	42.2	40.8	41.5	36.6	47.3	23.8	30th	59.6	7th	251	239	245	90.9	91.5	91.2
December	-	29.809	39.2	40.2	39.7	35.9	43.9	21.5	27th	55.6	13th	221	231	226	90.5	91.3	90.9
Year	-	29.955	49.5	48.2	48.9	42.2	56.2	—	—	—	—	310	311	311	85.0	88.9	87.0

## PRESTWICH (NEAR MANCHESTER)

Long. 2° 17' W. Lat. 53° 32' N. Height above Mean Sea Level, 294 feet.

	ins.	°	°	°	°	°	°	29th	°	29th	in.	in.	in.	%	%	%
January - -	29.976	41.9	42.7	42.3	38.0	46.9	30.9	29th	53.4	29th	.241	.245	.243	89.6	88.1	88.9
February - -	.841	40.0	40.0	40.0	35.4	45.4	25.9	29th	51.6	13th	.212	.217	.215	84.7	86.3	85.5
March - -	.889	42.1	41.7	41.9	35.9	48.5	30.3	<div>1st 2nd</div>	67.3	16th	.224	.229	.227	82.9	85.6	84.3
April - -	.852	45.3	42.8	44.1	36.4	51.1	28.8	18th	62.7	3rd	.234	.231	.233	76.8	83.3	80.1
May - -	29.955	52.2	49.0	50.6	41.6	59.6	33.5	1st	76.3	11th	.291	.295	.293	74.4	84.1	79.3
June - -	30.042	57.5	53.8	55.7	46.2	64.5	37.4	1st	80.4	28th	.353	.351	.352	74.7	84.1	79.4
July - -	29.903	60.6	57.9	59.3	52.0	66.7	42.5	26th	77.7	3rd	.421	.418	.420	79.7	86.8	83.3
August - -	.982	62.1	59.3	60.7	53.2	70.3	40.9	26th	82.9	11th	.419	.418	.419	75.2	82.2	78.7
September -	29.980	57.0	54.8	55.9	50.4	64.5	41.1	30th	72.6	16th	.394	.386	.390	84.3	88.7	86.5
October - -	30.046	47.6	47.1	47.4	42.6	53.1	31.1	11th	59.5	31st	.282	.288	.285	84.4	87.6	86.0
November -	30.146	40.5	40.3	40.4	36.0	46.5	24.5	29th	58.2	1st	.231	.223	.227	89.0	87.3	88.2
December -	29.817	37.7	38.4	38.1	34.5	42.6	24.8	27th	53.7	14th	.202	.211	.207	86.9	88.9	87.9
Year -	29.952	48.7	47.3	48.0	41.9	55.0	—	—	—	—	.292	.293	.293	81.9	86.1	84.0

## STONYHURST.

Thermometers, 7 feet above ground. Rain-gauge, 2 feet above ground.

1884.	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 -	9.3	8.8	9.1	ins. 7.446	1.230	22nd	27	4	6	1	0	24	2	0	3	2	1	4	20	24	4	4
February -	8.6	7.8	8.2	3.814	.692	1st	20	3	1	2	1	20	0	1	5	11	2	9	13	7	2	8
March -	7.8	7.7	7.8	2.695	.830	4th	16	3	2	1	1	18	0	1	9	1	6	10	7	7	2	19
April -	8.2	7.2	7.7	0.955	.250	3rd	15	0	0	2	0	15	0	4	14	10	2	4	2	1	0	23
May -	6.9	5.0	6.0	2.251	.742	15th	14	0	3	0	6	12	0	1	10	6	1	4	13	14	2	11
June -	7.8	6.8	7.3	1.140	.345	29th	8	0	0	1	3	15	0	4	5	3	1	1	5	9	8	24
July -	8.5	7.4	8.0	5.205	.673	10th	25	0	0	10	1	18	0	2	3	0	3	8	11	7	2	26
August -	6.2	5.2	5.7	2.830	.670	28th	14	0	0	1	6	11	0	1	4	2	1	2	6	10	4	32
September -	7.3	5.7	6.5	3.608	.690	8th	16	0	0	2	4	12	0	1	11	2	0	4	9	11	3	19
October -	8.2	7.5	7.9	4.115	.780	26th	17	1	1	0	3	20	0	4	2	0	1	4	10	17	8	16
November -	7.6	6.2	6.9	1.682	.465	4th	14	2	2	0	5	16	0	3	3	3	5	4	5	8	6	23
December -	7.8	7.5	7.7	6.321	.885	10th	19	3	5	1	1	19	0	2	5	4	2	2	13	20	3	11
Year -	7.9	6.9	7.4	42.062	—	—	205	16	20	21	31	200	2	24	74	44	25	56	114	135	44	216

## WAKEFIELD.

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

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## OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

## LLANDUDNO

Long. 3° 50' W. Lat. 53° 21' N. Height above Mean Sea Level, 88 feet.

1884.	Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
					Min.	Max	Min.	Day.	Max.	Day.							
January -	ins. 29.973	45.1	45.2	45.2	41.1	48.8	32.2	2nd	54.0	5th	in. .262	in. .257	in. .260	% 86.0	% 84.5	% 85.3	
February -	.800	43.1	42.2	42.7	38.2	46.9	32.2	29th	57.0	9th	.231	.231	.231	82.5	85.5	84.0	
March -	.865	44.8	44.1	44.5	39.5	49.7	30.0	11th	67.5	16th	.236	.238	.237	78.9	81.9	80.4	
April -	.847	47.3	45.1	46.2	39.7	50.9	31.2	18th	57.6	5th	.254	.252	.253	78.0	84.2	81.1	
May -	29.954	53.5	51.0	52.3	46.0	58.4	40.0	{ 3rd 7th	75.2	11th	.297	.293	.295	72.4	78.1	75.3	
June -	30.064	58.5	54.9	56.7	50.0	63.0	41.5	{ 10th 19th	81.0	28th	.361	.350	.356	74.0	80.8	77.4	
July -	29.895	62.0	58.8	60.4	54.2	65.3	47.5	{ 20th	72.0	5th	.429	.432	.431	77.6	86.6	82.1	
August -	.979	64.2	60.5	62.4	55.3	69.2	48.0	5th	80.8	8th	.441	.433	.437	73.3	81.9	77.6	
September -	29.971	60.0	57.6	58.8	52.8	64.0	46.0	4th	72.0	19th	.425	.406	.416	81.6	84.7	83.2	
October -	30.058	52.0	51.0	51.5	46.5	55.4	40.2	11th	61.8	31st	.311	.311	.311	79.6	82.5	81.1	
November -	30.139	45.7	45.2	45.5	41.0	50.1	29.2	30th	61.0	1st	.254	.247	.251	82.1	81.1	81.6	
December -	29.817	42.3	42.0	42.2	38.0	45.9	27.0	29th	55.0	14th	.231	.230	.231	83.8	84.3	84.1	
Year -	29.947	51.5	49.8	50.7	45.2	55.6	—	—	—	—	.311	.307	.309	79.2	83.0	81.1	

## BUXTON

Long. 1° 54' W. Lat. 53° 14' N. Height above Mean Sea Level, 987 feet.

		ins.																	
January	-	30.000	39.9	39.8	39.9	35.6	44.5	29.0	{ 1st	50.1	29th	in. .225	in. .223	in. .224	% 90.2	% 90.0	% 90.1		
February	-	29.874	37.9	37.3	37.6	32.7	43.2	19.0	28th	51.0	14th	.204	.198	.201	89.4	87.6	88.5		
March	-	.918	40.4	37.6	39.0	32.9	47.2	24.7	1st	63.4	16th	.216	.207	.212	85.3	90.2	87.8		
April	-	.865	42.5	39.2	40.9	33.5	49.4	22.0	23rd	61.2	3rd	.218	.213	.216	79.6	87.6	83.6		
May	-	29.973	51.2	45.8	48.5	39.6	58.2	31.0	20th	75.6	11th	.267	.264	.266	70.6	85.2	77.9		
June	-	30.052	56.2	51.4	53.8	43.9	62.9	33.8	4th	76.2	28th	.335	.324	.330	74.2	84.9	79.6		
July	-	29.912	60.4	55.3	57.9	49.1	67.0	33.8	20th	75.7	4th	.418	.388	.403	79.5	88.8	84.2		
August	-	.998	62.0	56.3	59.2	46.8	69.1	36.3	26th	82.1	11th	.412	.409	.411	74.2	88.7	81.5		
September	-	29.994	55.2	51.9	53.6	46.8	62.6	35.8	30th	75.1	18th	.373	.359	.366	84.8	91.6	88.2		
October	-	30.058	45.5	43.8	44.7	38.3	51.0	24.0	10th	57.2	16th	.273	.266	.270	88.1	91.2	89.7		
November	-	30.162	40.4	37.3	38.9	32.2	43.9	20.4	30th	54.2	7th	.224	.207	.216	86.9	91.5	89.2		
December	-	29.830	36.1	36.2	36.2	30.9	40.5	19.0	27th	52.7	13th	.197	.202	.200	91.2	93.1	92.2		
Year	-	29.970	47.3	44.3	45.8	38.5	53.3	—	—	—	—	.280	.272	.276	82.8	89.2	86.0		

## CHEADLE (STAFFORDSHIRE)

Long. 1° 57' W. Lat. 52° 58' N. Height above Mean Sea Level, 646 feet.

1884.																		
		Air Temperature.							Tension of Vapour.			Relative Humidity.						
		ins.											in.	in.	in.	%	%	%
January	-	30.013	40.6	41.4	41.0	37.2	46.3	28.9	27th	52.1	23rd	.234	.241	.238	92	92	92	
February	-	29.872	38.0	38.7	38.4	34.7	44.6	26.2	29th	50.8	14th	.208	.214	.211	91	91	91	
March	-	.912	39.9	40.5	40.2	35.3	48.4	29.0	1st	65.9	16th	.218	.227	.223	89	90	90	
April	-	.858	42.7	41.4	42.1	36.0	50.6	29.0	18th	62.1	3rd	.222	.225	.224	81	86	84	
May	-	29.977	50.5	49.2	49.9	42.0	58.8	34.4	1st	74.3	11th	.270	.273	.272	74	78	76	
June	-	30.056	55.1	53.4	54.3	46.5	63.5	39.9	1st	77.9	28th	.340	.328	.334	78	80	79	
July	-	29.925	59.1	57.2	58.2	51.4	65.9	42.0	26th	75.1	3rd	.431	.428	.430	86	91	89	
August	-	30.004	59.8	59.3	59.6	52.1	69.7	41.5	26th	83.1	11th	.404	.425	.415	79	84	82	
September	-	.004	55.0	54.3	54.7	49.1	63.2	39.0	30th	77.8	17th	.382	.370	.376	88	88	88	
October	-	.067	45.8	45.7	45.8	41.1	52.2	30.7	11th	61.9	16th	.271	.274	.273	88	89	89	
November	-	30.162	39.6	39.4	39.5	35.4	45.0	24.7	30th	55.8	7th	.225	.217	.221	93	90	92	
December	-	29.844	36.7	37.3	37.0	33.2	41.8	25.5	27th	52.4	13th	.199	.207	.203	91	93	92	
Year	-	29.975	46.9	46.5	46.7	41.2	54.2	—	—	—	—	.284	.286	.285	85.8	87.7	86.8	

## MONTHLY SUMMARIES.—LLANDUDNO—BUXTON—CHEADLE.

## LLANDUDNO.

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

1884.	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	8.1	6.2	7.2	ins. 4.519	ins. .876	22nd	19	4	3	0	2	16	4	0	0	1	3	2	18	36	2	0
February	8.2	6.7	7.5	2.983	.470	1st	19	1	1	0	2	14	4	3	2	2	17	8	11	13	2	0
March	7.7	6.8	7.3	2.122	.705	4th	12	0	1	0	2	18	0	0	2	7	9	11	16	13	4	0
April	6.2	5.3	5.8	1.189	.420	3rd	11	0	0	1	5	8	0	8	12	17	6	5	6	6	0	0
May	6.1	4.9	5.5	1.349	.496	14th	7	0	1	1	7	11	1	1	3	14	1	3	16	18	6	0
June	6.4	6.7	6.6	1.183	.698	28th	6	0	0	1	2	9	0	9	7	1	0	2	6	19	16	0
July	7.8	6.2	7.0	4.482	.910	5th	20	0	0	1	1	12	0	7	0	0	0	11	14	20	10	0
August	5.3	4.0	4.7	1.025	.530	27th	7	0	0	1	8	7	0	2	1	0	1	7	16	27	8	0
September	6.1	4.7	5.4	1.673	.450	6th	16	0	0	1	6	10	2	3	4	4	1	5	14	25	4	0
October	7.6	6.9	7.3	1.417	.240	27th	18	0	0	0	2	14	1	6	2	4	4	1	10	25	10	0
November	8.0	4.9	6.5	2.229	.456	29th	17	1	2	0	2	10	2	11	6	1	3	7	8	15	9	0
December	7.8	6.1	7.0	2.922	.650	14th	17	0	1	0	0	14	2	6	4	4	4	2	11	28	3	0
Year	7.1	5.8	6.5	27.093	—	—	169	6	9	6	339	143	16	56	43	55	49	64	146	245	74	0

## BUXTON.

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

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## OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

HILLINGTON (NORFOLK) -  
Long. 0° 33' E. Lat. 52° 48' N. Height above Mean Sea Level, 88 feet.

1884.	Mean Pressure.	Air Temperature.								Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.			9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.					
January -	ins. 30.024	40.7	41.7	41.2	37.3	46.6	29.5	18th	54.8	31st	in.	in.	in.	%	%
February -	29.911	40.5	39.8	40.2	35.3	46.6	27.4	29th	54.9	13th	239	251	245	92.9	93.4
March -	933	43.7	41.5	42.6	35.6	51.2	24.9	1st	69.3	16th	234	228	231	91.9	92.8
April -	844	47.7	41.1	44.4	35.9	53.6	25.0	26th	68.6	2nd	258	247	253	88.7	93.1
May -	29.982	56.2	49.1	52.7	42.5	63.1	31.2	7th	78.3	11th	285	248	267	85.3	94.0
June -	30.039	59.8	52.7	56.3	46.0	68.0	39.1	26th	84.2	28th	380	327	354	83.7	93.1
July -	29.937	65.9	58.8	62.4	52.4	73.6	40.8	26th	89.0	4th	—	—	—	—	—
August -	30.003	67.8	60.1	64.0	53.2	76.9	38.1	27th	93.4	11th	493	450	472	72.6	86.4
September -	006	60.1	54.7	57.4	49.9	67.4	33.5	30th	79.5	17th	444	408	426	84.9	94.3
October -	039	48.9	46.0	47.5	40.8	55.3	30.8	25th	62.4	2nd	310	296	303	88.4	93.8
November -	30.149	40.8	40.2	40.5	35.0	46.3	22.4	24th	59.2	7th	240	241	241	91.4	94.6
December -	29.839	38.9	38.8	38.9	34.6	43.6	25.5	31st	53.9	6th	221	225	223	90.8	92.8
Year -	29.976	50.9	47.0	49.0	41.5	57.7	—	—	—	—	—	—	—	—	—

## LEICESTER

Long. 1° 8' W. Lat. 52° 39' N. Height above Mean Sea Level, 237 feet.

January -	ins. 30.023	42.8	43.7	43.3	38.9	47.5	30.6	27th	54.2	23rd	in.	in.	in.	%	%
February -	29.882	40.7	40.9	40.8	36.2	47.4	28.0	29th	55.2	13th	245	249	247	87.9	86.0
March -	915	42.6	43.5	43.1	37.1	51.8	28.8	24th	69.3	16th	215	223	219	83.9	85.7
April -	838	45.8	43.7	44.8	37.8	53.5	26.2	23rd	67.5	3rd	231	238	235	83.6	83.2
May -	29.972	55.2	51.8	53.5	43.5	63.4	34.9	5th	80.0	23rd	247	240	244	79.9	83.1
June -	30.041	58.6	57.3	58.0	48.1	68.2	33.6	1st	83.0	28th	300	299	300	68.1	76.8
July -	29.920	63.8	61.3	62.6	53.6	72.4	42.2	26th	86.0	3rd	389	397	393	78.3	83.5
August -	993	65.1	62.3	63.7	52.7	74.9	41.5	26th	90.0	8th	472	470	471	79.8	86.2
September -	29.998	58.6	56.1	57.4	49.9	67.9	34.9	30th	83.5	11th	461	465	463	74.1	82.2
October -	30.059	48.9	47.8	48.4	41.4	56.2	31.5	5th	64.7	16th	415	393	404	83.4	86.4
November -	30.152	41.6	41.6	41.6	36.5	47.2	23.5	30th	59.5	2nd	289	286	288	82.2	85.5
December -	29.848	39.5	39.8	39.7	34.7	43.9	23.2	1st	54.0	6th	231	226	229	86.1	84.3
Year -	29.970	50.3	49.2	49.8	42.5	57.9	—	—	—	—	215	209	212	86.6	82.7

## UPPINGHAM

Long. 0° 44' W. Lat. 52° 35' N. Height above Mean Sea Level, 484 feet.

January -	ins. 30.032	40.9	41.7	41.3	37.5	45.8	30.2	27th	52.1	23rd	in.	in.	in.	%	%
February -	29.893	38.6	39.0	38.8	34.9	45.3	26.9	3rd	52.9	13th	229	236	233	88.4	88.2
March -	923	41.3	40.9	41.1	36.1	49.8	28.1	1st	65.6	16th	208	213	211	87.3	87.7
April -	843	44.5	41.1	42.8	36.6	52.2	28.4	24th	64.5	2nd	223	226	225	84.6	87.6
May -	29.980	54.0	49.0	51.5	43.0	62.2	34.3	5th	81.0	23rd	248	228	238	84.2	87.1
June -	30.042	58.6	54.4	56.5	47.9	67.9	38.0	1st	84.3	28th	299	291	295	71.4	83.0
July -	29.931	62.8	58.0	60.4	52.4	70.0	41.3	26th	86.1	4th	369	376	373	74.5	87.2
August -	30.005	63.4	59.8	61.6	52.8	73.8	42.4	26th	89.6	8th	438	430	434	76.1	88.3
September -	004	57.1	54.3	55.7	49.6	65.3	39.8	30th	80.4	17th	467	445	456	79.9	86.0
October -	059	47.0	45.2	46.1	40.9	53.3	31.9	29th	60.1	18th	417	391	404	88.1	91.5
November -	30.159	39.9	39.3	39.6	35.6	45.0	23.7	30th	58.1	2nd	280	274	277	85.4	90.0
December -	29.843	37.6	37.6	37.6	33.9	41.9	25.4	31st	52.8	6th	227	226	227	89.4	91.4
Year -	29.976	48.8	46.7	47.8	41.8	56.0	—	—	—	—	206	207	207	88.8	89.3

## MONTHLY SUMMARIES.—HILLINGTON—LEICESTER—UPPINGHAM.

## HILLINGTON (NORFOLK).

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

1884.	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	6.6	7.4	ins.	ins.	26th	21	2	0	0	3	16	4	0	0	0	8	0	33	12	9	0
February -	7.7	6.7	7.2	0.665	.238	21st	10	3	3	1	2	13	0	2	2	5	12	7	22	4	4	0
March -	7.4	6.1	6.8	1.298	.403	3rd	12	1	0	0	2	13	0	3	10	9	9	12	10	5	4	0
April -	7.7	6.3	7.0	1.425	.375	28th	19	1	2	1	1	11	0	5	25	7	12	5	2	0	4	0
May -	6.4	6.1	6.3	1.139	.446	2nd	9	0	1	3	4	14	4	1	19	4	7	1	18	5	7	0
June -	7.1	7.0	7.1	1.157	.490	8th	8	0	0	2	1	11	0	14	15	4	7	3	6	6	5	0
July -	6.7	6.9	6.8	3.105	.952	5th	15	0	2	8	0	13	0	2	4	4	5	13	26	2	6	0
August -	5.8	5.1	5.5	1.956	1.210	31st	9	0	1	3	4	9	0	0	4	7	15	7	15	6	8	0
September -	6.3	4.0	5.2	2.430	.840	4th	15	0	0	2	5	9	0	0	11	3	12	2	14	5	13	0
October -	7.2	6.6	6.9	2.667	1.180	10th	14	0	0	2	4	14	3	1	9	0	8	2	21	7	14	0
November -	7.5	6.8	7.2	2.134	.500	30th	21	2	0	0	2	13	0	6	5	1	11	9	17	2	9	0
December -	8.8	6.7	7.8	2.607	.387	20th	21	2	2	0	0	16	2	1	11	5	8	2	26	5	4	0
Year -	7.2	6.2	6.7	22.532	—	—	174	11	11	22	28	152	13	35	115	49	114	63	210	59	87	0

## LEICESTER.

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

January -	7.9	5.6	6.8	ins.	ins.	23rd	19	2	1	0	2	14	2	0	0	0	5	1	35	10	5	6
February -	6.7	5.6	6.2	0.960	3.30	1st	13	0	0	0	3	9	0	2	2	6	8	1	31	0	6	2
March -	7.9	4.9	6.4	1.620	5.00	3rd	11	1	0	0	6	14	0	1	15	2	5	6	23	6	3	1
April -	7.4	6.0	6.7	1.770	3.20	6th	20	1	2	1	0	10	0	3	28	4	5	5	8	0	2	5
May -	5.7	3.7	4.7	1.100	3.80	2nd	12	0	3	2	6	8	0	2	18	1	0	2	24	6	4	5
June -	6.9	6.3	6.6	1.860	5.70	6th	12	0	0	0	3	13	0	5	15	1	6	0	11	2	13	7
July -	7.1	5.3	6.2	3.310	4.40	23rd	22	0	1	5	2	10	0	2	3	2	1	3	37	2	6	6
August -	5.6	3.9	4.8	2.250	9.20	31st	10	0	0	1	7	5	0	1	4	0	1	5	30	4	9	8
September -	7.7	3.0	5.4	1.300	2.50	6th	13	0	0	0	2	4	1	2	15	3	3	2	21	6	5	3
October -	6.8	5.4	6.1	1.520	4.00	9th	13	1	0	0	3	9	1	5	4	0	4	1	20	12	13	3
November -	7.0	5.7	6.4	1.570	3.60	5th	13	3	0	0	5	12	0	5	9	2	8	0	21	2	9	4
December -	8.0	4.9	6.5	2.400	3.10	3rd	19	1	0	0	3	11	0	7	11	2	2	0	33	4	1	2
Year -	7.1	5.0	6.1	21.800	—	—	177	9	7	9	42	119	4	35	124	23	48	26	294	54	76	52

## UPPINGHAM.

Thermometers, 4 feet above ground. Rain-gauge, 1 foot 6 inches above ground.

January	-	8.0	6.6	7.3	ins.	ins.	26th	17	2	0	0	2	14	8	2	0	0	2	12	20	15	8	3
February	-	7.2	6.9	7.1	0.734	.258	1st	9	6	1	0	5	15	3	3	4	7	6	14	15	5	3	1
March	-	8.5	5.9	7.2	0.977	.369	3rd	8	3	0	0	2	13	1	5	6	6	1	19	10	7	4	4
April	-	8.1	5.9	7.0	1.802	.207	4th	20	5	4	1	1	11	0	10	19	7	1	10	3	1	2	7
May	-	6.4	4.6	5.5	1.152	.411	12th	9	0	2	2	7	11	6	4	13	3	2	8	13	10	2	7
June	-	7.0	7.2	7.1	1.072	.221	8th	11	0	1	2	4	17	0	13	7	7	4	2	4	8	6	9
July	-	8.1	6.1	7.1	3.801	1.103	10th	18	0	1	9	1	14	0	4	5	2	2	13	16	11	5	4
August	-	7.1	3.8	5.0	1.611	.799	31st	6	0	0	2	7	5	0	4	1	2	4	11	11	6	6	17
September	-	7.5	5.2	6.4	1.255	.223	2nd	13	0	1	1	3	12	3	1	10	2	2	10	16	5	11	3
October	-	7.4	6.8	7.1	1.005	.200	10th	12	1	0	0	3	15	3	9	4	1	1	7	9	17	11	3
November	-	7.9	7.0	7.5	1.445	.328	5th	14	4	0	0	2	17	2	13	1	5	3	10	7	9	8	4
December	-	8.1	5.4	6.8	2.146	.398	3rd	18	8	0	0	1	13	6	6	5	8	3	4	20	9	5	2
Year	-	7.5	6.0	6.8	18.969	—	—	155	29	10	17	38	157	32	74	75	50	31	120	144	103	71	64



## CHURCHSTOKE

Long. 3° 5' W. Lat. 52° 31' N. Height above Mean Sea Level, 538 feet.

1884.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		Means of			Absolute Min. and Max.											
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 30.052	42.9	42.4	42.7	37.8	47.5	30.5	1st	54.0	29th	24.8	24.3	24.6	88.5	88.5	88.5
February	29.856	39.7	39.5	39.6	35.1	45.3	23.9	3rd	52.5	14th	21.5	21.3	21.4	86.3	86.7	86.5
March	912	41.6	41.0	41.3	35.1	49.2	28.5	24th	64.8	16th	22.2	22.3	22.3	83.6	85.3	84.5
April	857	43.5	41.4	42.5	35.5	50.7	26.8	23rd	61.2	8th	23.0	22.5	22.8	80.8	85.5	83.2
May	29.999	52.3	48.5	50.4	40.7	60.3	31.5	21st	77.1	11th	28.5	28.0	28.3	72.8	81.8	77.3
June	30.075	57.1	53.7	55.4	45.2	65.3	34.6	10th	79.5	28th	34.8	35.1	35.0	74.3	84.4	79.4
July	29.938	60.3	56.5	58.4	50.7	67.3	41.1	26th	75.5	3rd	42.0	41.0	41.5	80.5	89.1	84.8
August	30.015	61.8	57.1	59.5	49.9	71.8	40.0	5th	86.1	11th	42.3	40.4	41.4	76.7	86.0	81.4
September	015	56.8	54.6	55.7	49.1	64.9	35.6	30th	74.3	17th	40.0	38.0	39.0	86.2	88.1	87.2
October	100	48.1	46.9	47.5	40.5	54.9	32.0	29th	62.7	16th	29.2	28.9	29.1	86.5	88.5	87.5
November	30.184	41.2	40.2	40.7	34.6	46.9	21.8	30th	56.9	7th	23.2	22.9	23.1	87.9	90.0	89.0
December	29.872	38.6	39.1	38.9	34.5	43.4	27.5	27th	56.3	13th	21.2	21.4	21.3	88.8	87.8	88.3
Year	29.990	48.7	46.7	47.7	40.7	55.6	—	—	—	—	29.4	28.8	29.1	82.7	86.8	84.8

## GELDESTON (BECCLES)

Long. 1° 31' E. Lat. 52° 28' N. Height above Mean Sea Level, 37 feet.

1884.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		Means of			Absolute Min. and Max.											
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 30.035	41.5	43.0	42.3	38.6	47.2	32.9	1st	56.8	30th	24.0	25.3	24.7	90.7	90.3	90.5
February	29.927	41.4	40.9	41.2	37.1	46.1	27.7	27th	53.7	13th	23.2	22.8	23.0	87.9	87.5	87.7
March	935	43.7	42.3	43.0	36.7	51.0	25.0	3rd	66.7	16th	25.2	24.0	24.6	87.2	88.1	87.7
April	837	47.2	42.4	44.8	37.9	51.5	27.8	26th	64.7	2nd	25.1	23.7	24.4	75.9	86.2	81.1
May	29.985	55.9	50.3	53.1	43.6	61.0	33.9	1st	73.9	11th	31.5	30.3	30.9	70.3	82.7	76.5
June	30.035	59.2	52.7	56.0	47.2	64.4	41.3	2nd	77.7	26th	35.7	35.0	35.4	71.3	87.2	79.3
July	29.952	66.0	60.3	63.2	53.2	72.4	42.7	21st	82.0	5th	44.0	44.1	44.1	68.8	84.0	76.4
August	30.014	66.9	60.6	63.8	53.0	73.4	40.9	27th	86.1	11th	47.3	45.6	46.5	71.5	85.4	78.5
September	009	60.7	57.5	59.1	51.6	66.3	39.9	30th	79.0	17th	43.3	42.4	42.9	80.8	89.1	85.0
October	030	49.9	48.2	49.1	42.4	56.4	30.8	25th	62.6	2nd	31.0	29.6	30.3	85.5	86.2	85.9
November	30.144	41.6	42.2	41.9	37.4	47.2	23.8	30th	59.3	5th	23.9	24.5	24.2	88.7	89.2	89.0
December	29.839	40.4	40.3	40.4	36.4	44.6	25.1	31st	55.0	8th	22.2	22.1	22.2	86.0	86.2	86.1
Year	29.979	51.2	48.4	49.8	42.9	56.8	—	—	—	—	31.4	30.8	31.1	80.4	86.8	83.6

## CHELTENHAM

Long. 2° 3' W. Lat. 51° 54' N. Height above Mean Sea Level, 184 feet.

1884.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		Means of			Absolute Min. and Max.											
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 30.052	42.9	42.4	42.7	37.8	47.5	30.5	1st	54.0	29th	24.8	24.3	24.6	88.5	88.5	88.5
February	29.856	39.7	39.5	39.6	35.1	45.3	23.9	3rd	52.5	14th	21.5	21.3	21.4	86.3	86.7	86.5
March	912	41.6	41.0	41.3	35.1	49.2	28.5	24th	64.8	16th	22.2	22.3	22.3	83.6	85.3	84.5
April	857	43.5	41.4	42.5	35.5	50.7	26.8	23rd	61.2	8th	23.0	22.5	22.8	80.8	85.5	83.2
May	29.999	52.3	48.5	50.4	40.7	60.3	31.5	21st	77.1	11th	28.5	28.0	28.3	72.8	81.8	77.3
June	30.075	57.1	53.7	55.4	45.2	65.3	34.6	10th	79.5	28th	34.8	35.1	35.0	74.3	84.4	79.4
July	29.938	60.3	56.5	58.4	50.7	67.3	41.1	26th	75.5	3rd	42.0	41.0	41.5	80.5	89.1	84.8
August	30.015	61.8	57.1	59.5	49.9	71.8	40.0	5th	86.1	11th	42.3	40.4	41.4	76.7	86.0	81.4
September	015	56.8	54.6	55.7	49.1	64.9	35.6	30th	74.3	17th	40.0	38.0	39.0	86.2	88.1	87.2
October	100	48.1	46.9	47.5	40.5	54.9	32.0	29th	62.7	16th	29.2	28.9	29.1	86.5	88.5	87.5
November	30.184	41.2	40.2	40.7	34.6	46.9	21.8	30th	56.9	7th	23.2	22.9	23.1	87.9	90.0	89.0
December	29.872	38.6	39.1	38.9	34.5	43.4	27.5	27th	56.3	13th	21.2	21.4	21.3	88.8	87.8	88.3
Year	29.990	48.7	46.7	47.7	40.7	55.6	—	—	—	—	29.4	28.8	29.1	82.7	86.8	84.8

## CHURCHSTOKE.

Thermometers, 4 feet above ground. Rain-gauge, 1 foot 6 inches above ground.

1884.	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.	Cal.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	9.0	7.0	8.0	4.005	7.60	26th	19	5	2	1	0	18	3	0	0	5	6	2	14	26	7	2
February	7.6	6.9	7.3	4.083	7.42	1st	18	8	0	0	1	13	1	1	2	8	13	11	9	9	5	0
March	7.8	7.3	7.6	2.997	7.55	3rd	16	3	1	0	0	14	0	0	1	8	15	12	12	9	5	0
April	7.5	6.4	7.0	1.011	3.80	4th	10	0	2	1	0	12	0	5	18	11	10	3	6	1	4	2
May	6.7	5.9	6.3	1.081	4.50	2nd	8	0	0	0	3	12	0	0	2	2	15	1	18	17	4	3
June	6.6	6.0	6.3	2.035	7.71	28th	9	0	0	0	2	11	0	10	1	3	3	2	6	10	23	2
July	7.4	6.0	6.7	2.894	3.70	23rd	21	0	0	4	1	9	0	3	0	0	3	4	25	13	8	6
August	5.2	3.3	4.3	1.707	8.86	31st	10	0	0	3	10	5	0	0	3	7	6	3	8	20	6	9
September	8.4	5.7	7.1	1.350	2.84	6th	10	0	0	1	0	11	2	1	5	2	12	6	8	11	10	5
October	8.2	7.2	7.7	2.007	7.78	9th	10	2	0	0	0	16	2	2	2	0	11	3	12	17	15	0
November	8.2	6.5	7.4	1.536	3.94	4th	16	4	0	0	0	15	1	1	4	5	17	3	8	12	6	4
December	7.7	6.5	7.1	3.329	4.80	3rd	15	1	2	1	1	11	2	3	4	6	5	4	10	16	11	3
Year	7.5	6.2	6.9	28.035	—	—	162	23	7	11	18	147	11	26	42	57	116	54	136	161	104	36

## GELDESTON (BECCLES).

Thermometers, 4 feet 6 inches above ground. Rain-gauge, 1 foot above ground.

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## ST. DAVID'S (PEMBROKE)

Long. 5° 16' W. Lat. 51° 53' N. Height above Mean Sea Level, 188 feet till September, then 215.

1884.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.						
January	ins. 30.066	46.0	45.8	45.9	42.4	47.9	31.5	27th	51.5	22nd	in. 286	in. 277	in. 282	90.7	88.9	89.8
February	29.794	43.2	43.1	43.2	39.8	45.2	33.5	16th	49.0	21st	252	249	251	89.3	88.6	89.0
March	87.0	44.3	43.6	44.0	40.1	48.5	31.3	11th	58.8	16th	246	250	248	83.4	87.0	85.2
April	82.5	46.8	44.1	45.5	40.5	51.1	30.6	18th	56.8	9th	260	249	255	80.8	85.4	83.1
May	29.984	54.4	49.6	51.0	45.8	57.6	40.2	3rd	75.2	24th	315	317	316	80.2	88.6	84.4
June	30.085	57.8	53.9	55.9	50.2	62.6	42.6	1st	70.2	20th	387	384	386	80.1	91.0	85.6
July	29.921	60.0	57.7	58.9	54.8	65.4	49.4	12th	72.9	27th	437	433	435	84.3	90.2	87.3
August	30.000	63.4	59.6	61.5	55.9	68.9	50.0	5th	79.4	7th	467	455	461	79.7	88.6	84.2
September	29.992	59.9	58.0	59.0	54.1	64.7	49.6	6th	74.0	19th	438	429	434	84.1	87.4	85.8
October	30.124	52.1	51.4	51.8	47.7	55.7	42.0	6th	61.9	2nd	344	357	351	87.6	92.9	90.3
November	30.173	46.5	45.5	46.0	40.9	49.6	30.7	25th	58.3	1st	286	280	283	89.5	90.2	89.9
December	29.885	43.0	43.2	43.1	38.8	46.3	27.3	27th	53.2	3rd	249	245	247	86.5	85.6	86.1
Year	29.977	51.3	49.6	50.5	45.9	55.3	—	—	—	—	331	327	329	84.7	88.7	86.7

## CARMARTHEN

Long. 4° 18' W. Lat. 51° 52' N. Height above Mean Sea Level, 188 feet.

1884.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.						
January	ins. 30.072	45.6	44.4	45.0	40.9	48.5	31.5	27th	53.2	23rd	in. 281	in. 266	in. 274	90.6	89.4	90.0
February	29.821	42.3	41.8	42.1	37.8	47.5	26.1	3rd	53.2	14th	241	239	240	88.2	89.3	88.8
March	88.1	45.5	42.9	44.2	39.0	50.6	31.0	11th	64.7	16th	238	231	235	77.5	82.6	80.1
April	81.7	47.8	42.7	45.3	38.1	52.9	29.5	23rd	58.3	9th	238	224	231	71.8	81.3	76.6
May	29.983	54.5	49.0	51.8	43.5	59.6	34.3	21st	76.9	24th	299	297	298	70.9	85.2	78.1
June	30.071	59.9	53.8	56.9	48.7	65.0	36.8	10th	75.8	19th	360	348	354	70.0	83.5	76.8
July	29.932	61.6	58.0	59.8	53.5	66.7	44.5	7th	75.2	3rd	429	419	424	78.6	87.0	82.8
August	30.008	64.3	58.7	61.5	52.1	70.4	41.4	5th	81.0	24th	455	435	445	75.6	87.4	81.5
September	30.003	59.9	56.4	58.2	51.3	65.8	38.2	30th	78.6	18th	425	401	413	82.3	87.1	84.7
October	30.115	50.5	48.3	49.4	43.0	56.3	31.6	29th	61.4	5th	319	313	316	86.4	91.0	88.7
November	30.175	43.6	42.7	43.2	37.1	49.4	26.2	30th	57.1	1st	258	252	255	89.2	89.8	89.5
December	29.894	41.1	40.5	40.8	35.8	46.3	28.1	29th	54.0	9th	238	235	237	88.8	90.1	89.5
Year	29.981	51.4	48.3	49.9	43.4	56.6	—	—	—	—	315	305	310	80.8	87.0	83.9

## MARLBOROUGH (WILTS)

Long. 1° 43' W. Lat. 51° 25' N. Height above Mean Sea Level, 471 feet.

1884.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.						
January	ins. 30.115	42.0	42.4	42.2	38.4	46.9	30.0	1st	52.9	30th	247	250	249	90.7	91.1	90.9
February	29.911	40.0	39.6	39.8	36.1	45.7	26.2	3rd	52.3	14th	224	224	224	89.6	90.5	90.1
March	94.8	41.3	41.1	41.2	35.5	49.7	27.2	3rd	64.3	16th	232	227	230	88.3	87.1	87.7
April	29.842	44.0	41.1	42.6	35.5	51.0	23.2	23rd	60.5	3rd	239	223	231	82.0	85.1	83.6
May	30.017	54.6	50.3	52.5	42.1	62.4	33.0	21st	78.4	24th	309	299	304	72.4	81.9	77.2
June	30.060	59.1	55.4	57.3	48.0	66.7	35.4	1st	83.0	28th	380	385	383	75.8	87.0	81.4
July	29.965	63.1	58.3	60.7	53.1	69.4	40.2	26th	78.0	3rd	442	433	438	76.8	88.5	82.7
August	30.027	65.9	59.4	62.7	51.0	74.1	40.7	26th	87.6	8th	463	435	449	73.0	85.2	79.1
September	30.034	58.6	55.4	57.0	50.1	66.2	32.7	30th	79.3	17th	408	397	403	82.3	89.4	85.9
October	30.120	48.0	45.3	46.7	39.6	56.0	30.0	13th	64.0	18th	298	284	291	88.1	92.5	90.3
November	30.193	39.6	39.7	39.7	34.5	46.1	20.5	30th	57.2	2nd	237	236	237	94.1	93.0	93.6
December	29.911	38.9	38.8	38.9	35.0	43.7	28.2	31st	53.0	13th	215	216	216	88.1	88.7	88.4
Year	30.012	49.6	47.2	48.4	41.6	56.5	—	—	—	—	308	301	305	83.4	88.3	85.9

## ST. DAVID'S (PEMBROKE.)

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

1884.	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	8.0	8.3	ins. 4.164	ins. 7.32	22nd	21	2	4	1	0	10	4	2	2	2	2	9	20	18	7	0		
February -	8.3	6.5	7.4	4.713	7.94	12th	23	3	4	2	1	13	3	1	2	7	13	10	16	6	3	0		
March -	7.2	6.6	6.9	4.250	7.34	2nd	21	1	3	0	2	12	0	2	7	8	10	12	13	5	5	0		
April -	6.4	3.9	5.2	1.673	7.68	4th	10	0	1	0	4	4	0	6	19	4	14	6	4	1	3	3		
May -	6.7	4.8	5.8	1.422	4.98	24th	12	0	1	2	4	9	2	4	6	4	7	6	20	7	6	2		
June -	6.4	6.0	6.2	0.563	3.51	3rd	8	0	0	0	2	8	0	15	3	1	5	5	11	4	15	1		
July -	7.0	6.4	6.7	3.049	5.15	7th	22	0	0	2	0	10	0	2	0	1	9	11	20	9	7	3		
August -	5.5	5.3	5.4	1.082	3.65	30th	12	0	0	0	4	6	0	3	3	4	9	4	23	5	5	6		
September -	5.6	4.6	5.1	3.205	6.51	28th	16	0	0	2	9	6	2	3	4	3	11	2	26	4	3	4		
October -	7.0	6.1	6.6	1.457	4.95	9th	19	0	0	0	2	9	4	11	4	1	5	2	14	10	14	1		
November -	7.7	6.2	7.0	3.230	5.85	1st	17	0	1	0	0	10	4	10	15	3	6	5	7	4	10	0		
December -	7.6	6.1	6.9	3.991	7.28	5th	21	1	3	1	2	11	7	5	10	6	2	22	6	9	0			
Year	7.0	5.9	6.5	32.799	—	—	202	7	17	10	30	117	26	64	75	44	93	74	196	79	87	20		

## CARMARTHEN.

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

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## MARGATE

Long. 1° 24' E. Lat. 51° 24' N. Height above Mean Sea Level, 83 feet.

1884.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.						
January	ins. 30.111	42.6	43.1	42.9	39.0	47.3	31.2	1st	54.6	29th	in. .249	in. .255	in. .252	% 90.2	% 91.0	% 90.6
February	29.957	42.3	41.8	42.1	38.8	47.1	31.3	27th	55.3	13th	.240	.233	.237	87.9	86.7	87.3
March	.960	44.8	43.6	44.2	39.6	51.0	29.1	3rd	65.6	18th	.245	.241	.243	81.8	84.3	83.1
April	29.834	46.7	44.7	45.7	41.3	51.3	34.8	18th	65.7	2nd	.250	.237	.244	76.9	79.9	78.4
May	30.018	55.4	51.0	53.2	46.4	60.2	37.8	7th	74.8	17th	.324	.314	.319	73.5	84.0	78.8
June	30.047	57.8	54.3	56.1	50.4	63.3	44.7	2nd	73.0	29th	.369	.366	.368	76.7	86.1	81.4
July	29.980	65.9	60.3	63.1	55.2	71.6	45.6	26th	81.3	9th	.444	.441	.443	70.2	84.3	77.3
August	30.032	67.0	62.5	64.8	57.8	72.3	51.0	29th	85.1	2nd	.462	.454	.458	70.4	80.0	75.2
September	.036	61.1	59.0	60.1	54.7	65.5	45.1	6th	80.8	17th	.436	.439	.438	80.5	86.9	83.7
October	.074	50.8	50.1	50.5	45.0	55.6	36.3	29th	61.1	28th	.313	.308	.311	81.7	84.2	84.0
November	30.172	43.7	44.4	44.1	40.5	48.4	29.8	30th	60.2	5th	.243	.245	.244	84.0	82.4	83.2
December	29.889	41.5	41.8	41.7	37.8	45.6	29.7	1st	56.0	3rd	.232	.235	.234	86.3	86.6	86.5
Year	30.009	51.6	49.7	50.7	45.5	56.6	—	—	—	—	.317	.314	.316	80.2	84.7	82.5

## SOUTHAMPTON

Long. 1° 24' W. Lat. 50° 55' N. Height above Mean Sea Level, 78 feet.

January	ins. 30.142	43.9	44.5	44.2	40.6	49.2	32.1	1st	54.5	30th	in. .270	in. .274	in. .272	% 92.3	% 92.3	% 92.3
February	29.920	42.7	42.7	42.7	39.1	48.6	27.7	3rd	55.1	14th	.247	.246	.247	89.3	88.7	89.0
March	.952	44.7	43.9	44.3	38.7	52.5	29.5	3rd	62.4	16th	.256	.250	.253	85.8	86.1	86.0
April	29.831	47.4	44.1	45.8	37.8	53.8	28.6	23rd	62.7	8th	.253	.247	.250	76.6	84.1	80.4
May	30.019	57.0	52.5	54.8	45.0	64.0	35.1	1st	77.2	23rd	.332	.318	.325	71.5	80.4	76.0
June	30.051	61.4	57.6	59.5	50.8	68.4	40.8	1st	80.7	28th	.401	.396	.399	73.4	83.0	78.2
July	29.976	63.6	60.3	62.0	55.5	70.4	44.4	26th	79.3	8th	.466	.455	.461	79.5	86.9	83.2
August	30.028	68.6	62.1	65.4	54.7	75.4	46.1	27th	87.0	11th	.483	.457	.470	69.0	81.2	75.1
September	.033	61.5	58.0	59.8	53.3	67.9	44.0	30th	80.3	18th	.446	.424	.435	81.1	87.0	84.1
October	.118	50.9	48.6	49.8	43.4	58.5	32.2	29th	66.5	16th	.317	.303	.310	84.0	87.5	85.8
November	30.188	42.4	42.5	42.5	37.7	49.0	25.0	30th	62.3	2nd	.250	.252	.251	89.1	89.2	89.2
December	29.924	41.6	41.2	41.4	37.4	46.6	30.3	31st	55.6	3rd	.238	.236	.237	87.7	88.2	88.0
Year	30.015	52.1	49.8	51.0	44.5	58.7	—	—	—	—	.330	.322	.326	81.6	86.2	83.9

## ST. LEONARDS

Long. 0° 33' E. Lat. 50° 51' N. Height above Mean Sea Level, 116 feet.

January	ins. 30.147	42.8	43.5	43.2	40.0	47.4	32.0	1st	51.2	23rd	in. .254	in. .262	in. .258	% 90.9	% 91.8	% 91.4
February	29.957	42.8	43.0	42.9	40.1	47.2	31.9	3rd	52.1	13th	.246	.246	.246	88.6	88.0	88.3
March	.965	44.8	44.3	44.6	40.6	50.1	32.2	1st	60.0	15th	.248	.250	.249	83.2	85.2	84.2
April	29.828	47.1	44.1	45.6	40.6	52.1	32.9	24th	59.4	3rd	.257	.248	.253	78.8	84.7	81.8
May	30.025	56.6	51.9	54.3	47.7	60.9	39.5	6th	76.0	23rd	.318	.313	.316	70.1	81.4	75.8
June	30.046	58.4	55.2	56.8	50.8	63.1	45.0	18th	78.9	28th	.365	.366	.366	74.8	83.8	79.3
July	29.990	63.2	60.8	62.0	56.6	67.1	46.7	26th	76.0	3rd	.450	.445	.448	77.7	83.7	80.7
August	30.030	67.5	63.0	65.3	58.5	72.3	48.5	27th	84.1	8th	.464	.437	.451	68.8	76.2	72.5
September	.031	61.8	59.9	60.9	55.5	66.7	46.9	5th	80.7	18th	.436	.442	.439	78.5	85.0	81.8
October	.093	51.2	50.1	50.7	45.8	56.8	38.1	12th	66.2	16th	.318	.313	.316	83.2	85.5	84.4
November	30.172	43.4	44.1	43.8	40.5	48.5	28.0	30th	59.0	7th	.251	.255	.253	86.4	85.3	85.9
December	29.906	41.8	41.6	41.7	38.3	45.9	30.5	18th	53.6	8th	.242	.238	.240	88.8	88.1	88.5
Year	30.016	51.8	50.1	51.0	46.3	56.5	—	—	—	—	.321	.318	.320	80.8	84.9	82.9

## MARGATE.

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

1884.	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	6.3	7.0	ins. 2.030	ins. 7.00	26th	17	0	0	1	2	14	3	0	1	1	3	5	29	14	3	6
February	7.2	5.2	6.2	1.360	.200	{ 20th 22nd }	15	1	2	0	2	10	1	0	3	3	11	14	22	2	1	2
March	7.0	5.2	6.1	1.010	.700	10th	11	0	0	0	6	12	0	4	7	8	7	13	9	9	3	2
April	7.3	5.9	6.6	1.450	.460	27th	15	0	1	0	1	9	0	8	15	12	9	6	1	3	0	6
May	4.8	4.1	4.5	0.230	.070	19th	8	0	0	2	10	7	0	5	13	7	1	5	13	10	1	7
June	5.8	3.9	4.9	0.860	.390	5th	7	0	0	0	7	6	0	11	4	10	5	5	6	3	6	10
July	6.6	5.6	6.1	1.370	.250	25th	15	0	1	7	4	10	0	3	1	2	9	10	24	8	1	4
August	4.1	2.6	3.4	0.960	.380	19th	7	0	0	1	16	5	0	2	1	11	9	6	8	8	4	13
September	5.8	4.0	4.9	4.350	1.090	4th	12	0	0	0	9	8	0	2	5	5	9	7	11	16	2	3
October	6.2	5.5	5.9	2.790	.760	7th	13	0	0	0	5	12	0	5	2	1	4	5	13	10	14	8
November	7.2	6.6	6.9	1.030	.260	18th	11	0	1	0	1	12	0	7	5	5	10	8	6	6	6	7
December	7.7	7.5	7.6	2.900	.360	1st	21	1	0	0	0	16	0	2	3	12	2	11	22	6	1	3
Year	6.4	5.2	5.8	20.340	—	—	152	2	5	11	63	121	4	49	60	77	79	95	164	95	42	71

## SOUTHAMPTON.

Thermometers, 4 feet 6 inches above ground. Rain-gauge, 1 foot above ground.

January	-	-	8.3	7.4	7.9	ins. 3.440	ins. .850	26th	21	2	1	1	3	20	3	1	5	0	4	2	35	4	11	0
February	-	-	7.4	5.3	6.4	2.505	.425	1st	17	0	3	3	3	11	1	1	8	9	5	7	21	7	0	0
March	-	-	6.5	4.5	5.5	2.390	<b>1.325</b>	<b>3rd</b>	9	0	0	0	5	10	0	4	13	3	11	7	13	9	2	0
April	-	-	8.0	5.0	6.5	1.667	.450	6th	9	0	1	0	2	11	0	4	28	1	6	4	9	4	4	0
May	-	-	6.2	4.5	5.4	1.046	.298	4th	9	0	1	1	8	9	0	3	14	4	4	3	20	6	7	1
June	-	-	7.7	6.3	7.0	2.173	1.026	6th	9	0	1	3	3	14	0	8	10	0	3	4	14	3	17	1
July	-	-	8.6	5.7	7.2	2.194	.450	11th	18	0	1	1	1	15	0	1	2	0	4	10	30	5	7	3
August	-	-	3.9	4.1	4.0	1.271	.352	24th	8	0	0	2	14	6	0	2	11	2	9	4	17	5	8	4
September	-	-	6.3	5.0	5.7	2.020	.968	3rd	18	0	0	0	7	12	0	2	16	1	5	2	14	8	8	4
October	-	-	6.9	5.7	6.3	0.870	.400	9th	13	0	3	0	3	10	0	3	15	1	1	2	7	7	24	2
November	-	-	7.7	6.6	7.2	1.537	.465	30th	12	1	0	0	0	13	0	6	15	3	4	4	8	3	13	4
December	-	-	7.6	7.1	7.4	3.717	.411	5th	18	2	0	0	3	15	4	4	9	4	3	1	19	9	8	5
Year	-	-	7.1	5.6	6.4	24.830	—	—	161	5	11	11	52	146	8	39	146	28	59	50	207	70	109	24

## ST. LEONARDS.

Thermometers, 4 feet above ground. Rain-gauge,



## SOUTHBOURNE -

Long. 1° 48' W. Lat. 50° 44' N. Height above Mean Sea Level, 90 feet.

1884.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		Means of			Absolute Min. and Max.											
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 30.141	44.4	44.7	44.6	41.2	48.5	32.5	1st	55.7	26th	in. .266	in. .271	in. .269	% 89.6	% 90.7	% 90.2
February	29.903	43.5	43.3	43.4	40.2	47.7	28.3	3rd	54.0	14th	.247	.252	.250	87.0	88.8	87.9
March	.941	44.2	43.7	44.0	39.0	50.0	31.3	1st	56.9	16th	.245	.248	.247	83.5	86.3	84.9
April	29.819	45.3	43.1	44.2	37.0	50.6	27.5	23rd	56.4	7th	.245	.237	.241	78.3	83.6	81.0
May	30.017	55.1	51.3	53.2	45.0	60.1	36.8	22nd	71.9	24th	.312	.305	.309	72.2	80.8	76.5
June	30.052	59.0	55.7	57.4	50.0	64.3	42.0	1st	72.8	25th	.378	.382	.380	75.8	85.9	80.9
July	29.966	62.2	59.3	60.8	55.3	66.6	43.0	26th	72.5	13th	.457	.449	.453	82.2	88.9	85.6
August	30.023	65.9	60.7	63.3	53.6	70.8	44.2	27th	80.2	10th	.470	.439	.455	73.8	82.2	78.0
September	.025	60.7	58.2	59.5	53.4	65.8	41.4	30th	75.2	18th	.439	.422	.431	82.2	86.2	84.2
October	.112	51.7	49.1	50.4	43.6	57.5	33.7	13th	65.1	16th	.323	.302	.313	83.2	85.8	84.5
November	30.175	43.3	43.1	43.2	38.1	48.6	24.3	30th	60.2	2nd	.253	.251	.252	86.5	86.5	86.5
December	29.911	42.6	41.8	42.2	38.0	46.3	31.1	25th	53.4	3rd	.238	.230	.234	84.3	83.8	84.1
Year	30.007	51.5	49.5	50.5	44.5	56.4	—	—	—	—	.323	.316	.320	81.6	85.8	83.7

## BABBACOMBE

Long. 3° 31' W. Lat. 50° 29' N. Height above Mean Sea Level, 293 feet.

1884.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		Means of			Absolute Min. and Max.											
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 30.152	44.9	44.3	44.6	41.4	48.9	32.8	27th	53.0	6th	in. .272	in. .267	in. .270	% 90.1	% 91.0	% 90.6
February	29.885	43.4	43.4	43.4	40.0	47.8	28.1	3rd	51.9	24th	.249	.250	.250	87.8	88.3	88.1
March	.934	45.8	43.3	44.6	40.0	50.8	31.9	24th	59.5	17th	.252	.246	.249	81.2	87.0	84.1
April	29.827	45.9	43.7	44.8	39.5	50.7	33.2	19th	57.5	7th	.242	.238	.240	77.6	83.0	80.3
May	30.034	53.5	49.9	51.7	45.5	59.1	37.1	21st	72.2	11th	.305	.299	.302	74.4	82.9	78.7
June	30.085	61.0	55.5	58.3	50.6	66.8	41.0	7th	76.9	13th	.365	.351	.358	68.3	79.4	73.9
July	29.983	62.0	58.1	60.1	53.9	67.0	47.0	26th	73.2	30th	.442	.430	.436	80.1	88.6	84.4
August	30.037	65.1	59.5	62.3	54.9	69.9	46.5	5th	79.7	8th	.456	.427	.442	73.7	83.7	78.7
September	.041	60.2	56.9	58.6	53.0	65.1	40.2	30th	72.9	18th	.427	.416	.422	81.7	88.6	85.2
October	.146	52.3	49.5	50.9	45.5	57.0	36.3	11th	63.6	1st	.324	.307	.316	82.0	85.7	83.9
November	30.190	45.5	45.2	45.4	40.9	49.9	26.5	30th	58.7	5th	.269	.263	.266	85.6	84.8	85.2
December	29.938	42.8	42.4	42.6	38.5	46.5	31.1	18th	53.7	8th	.243	.241	.242	85.7	86.2	86.0
Year	30.021	51.9	49.3	50.6	45.3	56.6	—	—	—	—	.321	.311	.316	80.7	85.8	83.3

## TOTNES

Long. 3° 43' W. Lat. 50° 27' N. Height above Mean Sea Level, 93 feet.

1884.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		Means of			Absolute Min. and Max.											
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 30.166	45.4	45.4	45.4	41.4	49.9	33.2	27th	55.9	5th	in. .280	in. .277	in. .279	% 91.0	% 90.2	% 90.6
February	29.881	43.6	43.7	43.7	39.2	49.6	25.5	3rd	56.2	14th	.258	.261	.260	90.3	91.0	90.7
March	.930	45.8	43.6	44.7	37.2	53.1	27.6	24th	62.4	17th	.257	.257	.257	82.6	89.4	86.0
April	29.823	48.6	42.6	45.6	36.2	54.8	27.8	19th	63.3	7th	.255	.244	.250	74.4	88.2	81.3
May	30.030	55.9	50.6	53.3	42.9	62.3	30.8	21st	74.0	11th	.330	.319	.325	73.7	85.9	79.8
June	30.080	63.3	55.7	59.5	47.3	69.1	38.4	10th	78.5	13th	.385	.371	.378	66.3	83.5	74.9
July	29.975	63.8	58.8	61.3	52.4	70.0	43.4	9th	76.5	29th	.454	.448	.451	77.1	90.1	83.6
August	30.029	66.4	59.2	62.8	49.6	73.0	40.8	5th	84.5	8th	.485	.455	.470	74.7	89.9	82.3
September	.038	61.6	56.1	58.9	49.9	67.6	32.4	30th	77.8	17th	.442	.422	.432	80.5	92.6	86.6
October	.149	51.0	48.5	49.8	41.7	58.5	29.2	29th	64.8	1st	.330	.316	.323	87.4	91.4	89.5
November	30.189	43.7	44.9	44.3	37.5	51.2	23.9	30th	61.1	5th	.269	.279	.274	90.7	91.2	91.0
December	29.946	42.4	42.7	42.6	37.2	47.2	29.2	16th	55.0	7th	.249	.250	.250	88.6	89.0	88.8
Year	30.020	52.6	49.3	51.0	42.7	58.9	—	—	—	—	.333	.325	.329	81.4	89.4	85.4

## SOUTHBOURNE.

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

1884.	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 -	7.1	6.5	6.8	ins.	ins.	26th	19	0	0	1	3	14	3	2	3	0	3	4	22	12	9	7		
February -	6.6	5.6	6.1	2.540	.350	9th	16	0	2	1	3	12	4	1	3	15	4	8	11	9	1	6		
March -	6.2	3.4	4.8	2.540	1.250	3rd	10	0	0	0	6	5	0	7	11	2	5	12	6	4	9	6		
April -	5.8	4.2	5.0	1.890	.410	28th	12	0	0	0	6	6	1	11	21	0	6	3	2	2	3	12		
May -	4.6	3.8	4.2	1.020	.460	24th	7	0	1	1	12	5	0	5	16	0	2	1	19	7	7	5		
June -	5.4	5.7	5.6	2.760	1.040	28th	6	0	0	3	5	8	0	17	2	0	4	4	10	4	12	7		
July -	6.7	5.5	6.1	2.320	.360	27th	17	0	0	1	1	7	0	2	0	2	6	5	20	13	6	8		
August -	4.2	3.5	3.9	1.360	.450	27th	7	0	0	2	15	5	1	10	3	9	6	1	10	11	6	6		
September -	6.3	5.1	5.7	1.700	.480	3rd	16	0	0	0	4	10	0	6	8	5	0	1	16	9	12	3		
October -	4.9	4.3	4.6	1.290	.750	8th	10	0	0	0	4	2	1	15	4	3	0	1	6	9	20	4		
November -	6.9	5.8	6.4	0.910	.260	5th	11	0	0	0	1	11	1	16	11	3	0	5	7	6	7	5		
December -	7.3	5.3	6.3	3.460	.430	6th	15	0	0	0	3	10	6	6	13	2	1	0	20	13	5	2		
Year -	6.0	4.9	5.5	24.710	—	—	146	0	3	9	63	95	17	98	95	41	37	45	149	99	97	71		

## BABBACOMBE.

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

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## OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

## ST. AUBIN'S (JERSEY)

Long. 2° 10' W. Lat. 49° 11' N. Height above Mean Sea Level, 139 feet.

1884.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		Means of			Absolute Min. and Max.											
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 30.253	46.0	46.0	46.0	42.3	49.4	34.4	1st	53.3	11th	in. 278	in. 277	in. 278	88.3	88.8	88.6
February	29.972	45.8	45.4	45.6	41.8	49.2	35.3	29th	57.3	14th	262	261	262	85.0	85.6	85.3
March	29.994	48.0	46.2	47.1	42.1	52.3	35.4	1st	60.2	18th	258	256	257	76.7	81.3	79.0
April	29.839	49.3	45.4	47.4	42.6	52.4	38.8	18th	61.0	9th	260	247	254	73.8	80.6	77.2
May	30.076	57.5	52.6	55.1	48.7	62.4	40.7	1st	76.1	11th	348	327	338	73.3	82.4	77.9
June	112	60.7	54.8	57.8	51.4	64.9	44.2	7th	74.8	27th	396	378	387	74.7	87.6	81.2
July	051	64.2	60.5	62.4	57.2	69.2	50.6	26th	79.2	31st	483	455	469	81.0	86.7	83.9
August	075	67.3	63.0	65.2	58.7	72.5	51.0	27th	86.3	10th	504	460	482	75.5	80.1	77.8
September	080	63.8	60.2	62.0	56.7	68.4	50.4	27th	81.4	18th	450	454	452	75.9	80.2	78.1
October	187	55.8	52.2	54.0	48.8	59.0	39.3	11th	66.3	2nd	350	333	342	78.0	84.3	81.2
November	222	47.8	46.8	47.3	43.3	51.1	35.0	30th	62.2	5th	265	264	265	78.2	81.0	79.6
December	30.000	45.3	45.2	45.3	41.6	48.2	33.0	29th	55.0	7th	259	264	262	84.1	85.2	84.7
Year	30.072	54.3	51.5	52.9	47.9	58.3	—	—	—	—	343	331	337	78.7	84.2	81.5

## LONDONDERRY

Long. 7° 19' W. Lat. 55° 0' N. Height above Mean Sea Level, 93 feet.

1884.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		Means of			Absolute Min. and Max.											
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 29.876	42.5	42.9	42.7	38.2	48.4	29.5	27th	54.1	5th	in. 247	in. 245	in. 246	89.1	87.3	88.2
February	705	41.0	40.9	41.0	35.8	48.0	30.0	26th	54.3	5th	232	223	228	88.8	86.1	87.5
March	769	43.9	42.6	43.3	37.9	50.0	30.0	11th	64.8	16th	242	238	240	83.0	86.2	84.6
April	859	48.5	43.9	46.2	38.3	54.6	32.0	1st	63.9	9th	255	248	252	75.1	86.5	80.8
May	29.898	53.8	49.1	51.5	43.3	59.5	35.3	7th	74.4	24th	301	301	301	72.3	85.4	78.9
June	30.078	57.8	53.3	55.6	47.9	63.8	40.0	10th	81.1	28th	353	351	352	73.3	84.9	79.1
July	29.859	61.1	56.8	59.0	52.0	67.7	44.9	19th	77.7	4th	416	404	410	77.0	87.2	82.1
August	930	60.2	56.6	58.4	52.5	67.2	45.0	20th	77.2	12th	416	414	415	79.7	89.7	84.7
September	29.927	57.0	53.7	55.4	49.0	63.8	40.5	6th	75.4	19th	395	383	389	84.2	91.3	87.8
October	30.037	48.8	48.5	48.7	43.3	55.2	35.5	10th	63.7	5th	294	306	300	84.1	88.4	86.3
November	30.123	42.0	41.6	41.8	36.7	48.2	28.8	18th	55.5	12th	248	243	246	91.2	91.4	91.3
December	29.741	39.8	39.5	39.7	35.5	45.2	26.9	24th	54.0	14th	226	225	226	90.9	91.5	91.2
Year	29.900	49.7	47.5	48.6	42.5	56.0	—	—	—	—	302	298	300	82.4	88.0	85.2

## ARMAGH

Long. 6° 39' W. Lat. 54° 21' N. Height above Mean Sea Level, 203 feet.

1884.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		Means of			Absolute Min. and Max.											
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January	ins. 29.912	42.3	41.9	42.1	38.7	46.6	29.9	27th	52.7	22nd	in. 252	in. 239	in. 246	91.9	88.5	90.2
February	724	40.4	40.3	40.4	36.3	45.4	29.4	2nd	51.8	9th	228	222	225	89.6	87.6	88.6
March	796	42.8	41.6	42.2	38.5	48.0	29.0	11th	58.5	16th	234	231	233	84.3	87.1	85.7
April	852	46.0	42.6	44.3	37.7	52.3	31.1	25th	58.2	9th	241	235	238	77.7	85.9	81.8
May	29.909	52.0	48.6	50.3	42.6	58.2	36.9	7th	67.7	25th	307	299	303	78.5	86.6	82.6
June	30.073	56.8	53.5	55.2	58.1	63.5	40.3	7th	75.5	28th	353	353	353	75.8	85.2	80.5
July	29.861	59.1	56.9	58.0	52.7	65.2	45.7	19th	70.6	6th	402	397	400	80.1	85.3	82.7
August	941	59.3	57.1	58.2	53.2	65.8	42.9	29th	73.6	12th	419	417	418	82.4	88.3	85.4
September	29.935	55.3	53.7	54.5	49.0	62.2	43.6	1st	71.5	28th	381	375	378	86.4	89.4	87.9
October	30.046	47.5	47.3	47.4	42.6	53.9	34.0	29th	60.0	31st	289	300	295	87.3	90.4	83.9
November	30.131	40.2	40.3	40.3	36.7	46.9	29.1	14th	57.2	1st	235	231	233	92.2	91.1	91.7
December	29.764	38.6	38.3	38.5	34.9	43.2	23.8	22nd	54.6	14th	217	216	217	91.2	91.6	91.4
Year	29.912	48.4	46.8	47.6	43.4	54.3	—	—	—	—	297	293	295	84.8	88.1	86.5

## MONTHLY SUMMARIES.—ST. AUBIN'S—LONDONDERRY—ARMAGH.

## ST. AUBIN'S (JERSEY).

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

1884.	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	7.8	7.1	7.5	ins. 3.300	ins. .873	26th	20	0	2	2	2	16	3	3	1	3	7	4	15	10	7	12
February	6.6	6.6	6.6	2.482	.375	22nd	17	0	3	0	3	13	1	0	2	12	8	10	12	4	3	7
March	5.5	5.0	5.3	1.880	.620	3rd	13	0	0	0	6	7	0	0	6	12	7	8	6	3	9	11
April	6.5	4.2	5.4	1.699	.440	27th	9	0	0	0	4	8	0	2	31	3	3	4	7	2	3	5
May	5.0	3.4	4.2	0.905	.360	3rd	11	0	1	3	10	4	0	7	16	8	0	1	10	9	3	8
June	5.6	4.0	4.8	4.503	1.420	3rd	10	0	1	1	7	6	0	9	4	3	1	0	6	9	15	13
July	7.4	6.2	6.8	1.823	.330	26th	19	0	0	2	3	11	0	1	5	3	2	2	13	14	11	11
August	3.6	2.8	3.2	1.295	.240	25th	15	0	0	2	5	12	1	4	10	9	2	1	12	5	7	10
September	6.3	6.1	6.2	3.279	1.230	3rd	19	0	4	0	4	7	2	7	9	2	4	1	9	4	10	6
October	6.2	5.6	5.9	3.041	.670	9th	14	0	3	0	4	7	0	3	20	5	1	6	6	1	7	11
November	6.2	6.0	6.1	2.638	.540	24th	14	0	3	0	4	7	0	3	13	3	4	0	21	8	5	5
December	8.5	8.1	8.3	5.854	.890	8th	24	1	7	0	0	18	4	3	13	3	4	0	21	8	5	5
Year	6.3	5.4	5.9	32.699	—	—	181	1	21	12	60	113	11	39	127	74	40	37	127	75	89	124

## LONDONDERRY.

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

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## OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

## BROOKEBOROUGH

Long. 7° 22' W. Lat. 54° 21' N. Height above Mean Sea Level, 278 feet.

1884.	Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
					Min.	Max.	Min.	Day.	Max.	Day.							
January	ins. 29.888	42.3	42.3	42.3	38.1	46.2	28.3	26th	51.9	22nd	in.	in.	in.	%	%	%	
February	690	40.6	40.2	40.4	35.2	45.7	26.8	26th	51.4	9th	244	238	241	91	89	90	
March	762	42.4	40.9	41.7	36.3	47.7	27.8	11th	62.4	16th	227	220	224	90	89	90	
April	831	46.2	42.9	44.6	36.2	53.2	29.2	8th	61.6	9th	231	222	227	86	87	87	
May	29.890	51.8	48.3	50.1	41.7	58.1	31.8	19th	71.9	24th	240	233	237	77	84	81	
June	30.061	56.0	53.1	54.6	46.5	62.8	36.8	5th	78.3	28th	311	287	299	80	85	83	
July	29.843	58.1	55.8	57.0	51.1	65.3	41.8	19th	71.9	3rd	355	351	353	79	86	83	
August	923	58.1	56.3	57.2	51.2	65.6	38.7	19th	71.9	3rd	406	396	401	84	89	87	
September	29.921	54.8	53.1	54.0	51.2	65.6	38.7	29th	74.9	12th	423	415	419	88	91	90	
October	30.042	47.7	47.2	47.5	47.0	62.3	33.0	6th	74.5	19th	378	373	376	88	92	90	
November	30.124	39.4	39.2	39.3	33.2	47.0	30.8	25th	61.9	5th	294	300	297	89	93	91	
December	29.754	38.6	38.1	38.4	33.4	47.0	21.6	19th	54.4	6th	226	228	227	94	95	95	
										1st							
										14th	217	215	216	93	94	94	
Year	29.894	48.0	46.5	47.3	40.9	54.2	—	—	—	—	296	290	293	86.6	89.5	88.1	

## MARKREE CASTLE (SLIGO)

Long. 8° 27' W. Lat. 54° 11' N. Height above Mean Sea Level, 131 feet.

Station 54° 11' N. ————— Height above Mean Sea Level, 131 feet.																	
	ins.											in.	in.	in.	%	%	%
January - -	29°902	43°2	43°2	43°2	39°3	47°6	29°6	27th	53°4	22nd	°257	°253	°255	90°5	89°3	89°9	
February - -	°677	41°5	40°2	40°9	36°3	46°6	30°1	7th	52°4	12th	°239	°227	°233	90°5	90°4	90°5	
March - -	°752	42°8	41°3	42°1	37°2	48°7	28°6	8th	62°6	16th	°239	°233	°236	84°9	88°8	86°9	
April - -	°831	47°4	43°1	45°3	36°2	54°0	28°1	21st	59°5	10th	°251	°243	°247	77°1	87°2	82°2	
May - -	29°888	52°9	48°6	50°8	42°8	58°3	33°5	19th	71°9	24th	°318	°300	°309	78°7	86°4	82°6	
June - -	30°073	56°2	52°4	54°3	47°0	61°2	39°2	5th	74°6	28th	°362	°342	°352	79°0	85°8	82°4	
July - -	29°832	59°3	55°9	57°6	51°0	65°5	39°9	19th	72°3	3rd	°399	°399	°399	79°1	88°6	83°9	
August - -	°917	58°7	54°9	56°8	50°6	65°3	43°2	21st	75°9	1st	°422	°399	°411	85°1	91°6	88°4	
September - -	29°915	56°0	52°7	54°4	48°1	62°1	33°7	6th	74°4	19th	°384	°375	°380	85°1	92°9	89°0	
October - -	30°051	48°7	47°5	48°1	41°3	54°7	31°3	6th	61°1	16th	°301	°305	°303	86°3	91°3	88°8	
November - -	30°125	40°4	39°7	40°1	33°8	47°1	23°6	18th	54°4	12th	°237	°233	°235	92°3	93°4	92°9	
December - -	29°753	39°2	39°0	39°1	34°0	42°6	20°9	24th	52°9	{ 13th 14th }	°223	°227	°225	91°9	93°9	92°9	
Year	29°893	48°9	46°5	47°7	41°5	54°5	—	—	—	—	°303	°295	°299	85°0	90°0	87°5	

## GLASNEVIN (BOTANIC GARDENS)

Long. 6° 16' W. Lat. 53° 23' N. Height above Mean Sea Level, 64 feet.

g 5 13 W. Lat. 55 25 N. Height above Mean Sea Level, 64 feet.																	
January	-	ins. 29.967	44.7	44.9	44.8	39.1	48.5	29.0	27th 2nd	55.4	29th	in. .267	in. .264	in. .266	% 88.7	% 87.2	% 88.0
February	-	.750	43.0	42.1	42.6	36.7	47.3	27.0	3rd	55.2	9th	.246	.236	.241	87.9	87.1	87.5
March	-	.825	45.5	43.2	44.4	37.3	50.5	27.0	11th	59.4	15th	.252	.238	.245	81.7	84.6	83.2
April	-	.845	47.8	42.7	45.3	35.4	52.1	27.3	22nd	60.2	7th	.263	.240	.252	79.3	87.2	83.3
May	-	29.936	53.3	49.0	51.2	41.0	58.7	33.6	6th	68.3	11th	.325	.304	.315	78.9	86.6	82.8
June	-	30.083	58.6	54.6	56.6	46.4	64.4	37.0	1st	75.5	13th	.402	.391	.397	80.1	90.3	85.2
July	-	29.881	60.5	57.8	59.2	51.2	66.3	43.2	19th	72.3	7th	.459	.439	.449	86.8	91.1	89.0
August	-	.968	61.8	58.6	60.2	50.9	68.7	38.0	26th	78.2	23rd	.469	.450	.460	84.0	90.4	87.2
September	-	29.963	58.7	54.3	56.5	48.1	64.5	38.2	6th	75.2	9th	.413	.375	.394	82.7	87.9	85.3
October	-	30.083	50.1	48.8	49.5	41.1	56.5	31.0	11th	67.3	2nd	.311	.312	.312	84.3	88.9	86.6
November	-	30.149	42.9	42.9	42.9	35.0	48.7	24.6	16th	57.6	4th	.245	.250	.248	87.1	89.6	88.4
December	-	29.812	40.1	40.8	40.5	34.5	45.2	22.0	22nd	56.4	13th	.222	.236	.229	88.0	91.0	89.5
Year	-	29.939	50.6	48.3	49.5	41.4	56.0	—	—	—	—	.323	.311	.317	84.1	88.5	86.3

## MONTHLY SUMMARIES.—BROOKEBOROUGH—MARKREE CASTLE—GLASNEVIN.

## BROOKEBOROUGH.

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

1884.	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 -	9.4	9.6	9.5	ins. 5.753	ins. 7.12	22nd	22	2	0	1	0	26	3	1	1	2	4	12	29	7	1	5	
February -	8.6	8.8	8.7	3.371	7.31	20th	17	1	0	0	3	23	0	1	3	8	10	14	15	1	0	6	
March -	9.1	7.6	8.4	3.233	5.76	2nd	17	1	0	0	0	18	1	0	6	5	7	18	14	5	0	7	
April -	8.5	6.9	7.7	1.582	4.91	5th	12	0	0	0	2	18	0	6	8	5	4	7	8	0	2	20	
May -	8.9	6.1	7.5	4.223	9.25	8th	14	0	0	1	3	17	0	5	2	5	4	9	18	7	2	10	
June -	9.7	8.8	9.3	0.986	2.80	1st	6	0	0	0	0	26	0	3	0	0	3	4	11	14	8	17	
July -	9.8	9.0	9.4	4.359	6.38	28th	18	0	0	4	0	27	0	8	3	5	6	11	10	4	1	14	
August -	9.3	7.7	8.5	2.726	1.050	16th	13	0	0	1	0	21	0	4	3	1	1	13	20	0	2	18	
September -	9.2	6.5	7.9	3.100	9.00	6th	16	0	0	0	1	18	0	8	3	1	2	13	18	5	0	10	
October -	9.0	7.9	8.5	5.205	1.600	31st	18	0	0	0	1	22	0	3	0	1	0	9	24	5	3	17	
November -	7.6	5.9	6.8	3.613	7.42	11th	13	1	0	0	4	14	0	1	2	0	2	5	13	9	3	25	
December -	9.1	7.6	8.4	4.960	6.00	12th	22	1	1	0	2	21	0	1	0	3	4	8	21	6	2	17	
Year -	9.0	7.7	8.4	43.111	—	—	188	6	1	7	16	251	4	41	31	36	47	123	201	63	24	166	

## MARKREE CASTLE (SLIGO).

Thermometers, 4 feet above ground. Rain-gauge, 16 feet 6 inches till June, then 1 foot above ground.

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## OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

## DUBLIN (PHENIX PARK)

Long. 6° 21' W. Lat. 53° 22' N. Height above Mean Sea Level, 162 feet.

1884.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.						
January	ins. 29.971	44.5	44.6	44.6	39.4	48.5	30.1	27th	54.8	29th	in. 258	in. 251	in. 255	86.0	84.0	85.0
February	751	42.7	42.1	42.4	37.1	46.9	28.1	2nd	53.8	9th	236	231	234	85.4	85.4	85.4
March	825	45.1	42.9	44.0	37.5	49.5	27.3	11th	61.8	16th	237	228	233	77.8	81.6	79.7
April	849	47.6	41.9	44.8	35.2	51.7	27.8	22nd	57.6	7th	245	228	237	74.4	85.3	79.9
May	29.939	53.3	48.0	50.7	41.4	58.2	34.0	6th	67.8	11th	303	286	295	74.0	84.7	79.4
June	30.083	58.4	54.2	56.3	46.8	64.0	37.2	1st	74.5	13th	346	357	352	70.0	83.9	77.0
July	29.883	60.4	57.1	58.8	50.9	66.2	43.7	19th	70.3	7th	393	392	393	74.6	83.5	79.1
August	968	62.3	57.6	60.0	51.1	68.1	40.8	26th	78.9	23rd	407	402	405	72.1	84.0	78.1
September	29.965	58.2	54.6	56.4	48.5	64.0	37.3	6th	73.5	9th	388	369	379	79.1	85.2	82.2
October	30.086	49.5	48.2	48.9	41.7	55.5	32.0	11th	66.0	2nd	294	299	297	82.1	87.0	84.6
November	30.155	41.7	41.8	41.8	35.5	48.0	23.5	16th	57.0	1st	236	238	237	87.6	88.5	88.1
December	29.820	39.5	40.2	39.9	34.7	45.3	21.0	22nd	55.6	13th	214	223	219	86.3	87.3	86.8
Year	29.941	50.3	47.8	49.1	41.7	55.5	—	—	—	—	296	292	294	79.1	85.0	82.1

## DUBLIN (FITZWILLIAM SQUARE)

Long. 6° 15' W. Lat. 53° 20' N. Height above Mean Sea Level, 51 feet.

1884.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.						
January	ins. 29.969	45.1	45.3	45.2	41.2	49.2	31.2	27th	55.8	29th	in. 261	in. 253	in. 257	85.8	82.6	84.2
February	751	43.1	42.8	43.0	39.2	47.5	31.8	2nd	54.6	9th	238	231	235	85.0	83.3	84.2
March	829	45.2	44.3	44.8	40.3	50.5	31.2	11th	61.1	16th	237	233	235	77.9	79.6	78.8
April	849	47.3	45.7	46.5	40.4	52.4	33.9	1st	59.3	7th	247	241	244	76.3	78.6	77.5
May	29.940	53.9	51.0	52.5	45.6	59.5	37.2	6th	69.4	11th	302	298	300	72.4	79.1	75.8
June	30.084	58.9	56.6	57.8	50.7	65.0	43.1	8th	75.4	13th	346	368	357	68.9	79.8	74.4
July	29.884	61.2	59.0	60.1	54.8	66.8	47.1	19th	70.7	5th	406	405	406	75.3	80.9	78.1
August	971	61.2	60.2	60.7	55.1	67.8	44.6	29th	74.9	12th	412	417	415	75.8	79.8	77.8
September	29.967	57.7	56.6	57.2	52.1	63.8	45.1	5th	73.7	9th	395	389	392	82.3	83.5	82.9
October	30.085	49.1	49.9	49.5	44.6	55.9	33.8	11th	64.5	2nd	294	308	301	83.6	84.4	84.0
November	30.153	43.4	43.9	43.7	39.1	48.6	31.1	16th	58.6	1st	243	247	245	85.1	85.3	85.2
December	29.815	41.0	41.4	41.2	37.4	45.7	27.3	22nd	56.4	13th	220	225	223	84.6	85.6	85.1
Year	29.941	50.6	49.7	50.2	45.0	56.1	—	—	—	—	300	301	301	79.4	81.9	80.7

## PARSONSTOWN (BIRR CASTLE)

Long. 7° 55' W. Lat. 53° 6' N. Height above Mean Sea Level, 182 feet.

1884.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.						
January	ins. 29.977	44.0	44.1	44.1	39.7	48.5	29.5	27th	54.5	22nd	in. 258	in. 252	in. 255	87.8	85.5	86.7
February	716	42.5	41.4	42.0	37.2	47.5	29.2	2nd	53.4	9th	239	226	233	86.8	86.0	86.4
March	801	44.6	42.0	43.3	37.6	49.6	28.1	8th	58.9	16th	239	227	233	80.1	83.8	82.0
April	835	48.1	43.5	45.8	36.7	53.7	27.9	10th	60.5	10th	239	228	234	71.5	80.6	76.1
May	29.930	53.8	49.8	51.8	42.4	60.1	33.9	20th	75.4	24th	318	293	306	76.3	81.1	78.7
June	30.094	58.0	54.5	56.3	47.0	64.1	37.6	14th	75.2	27th	349	356	353	71.5	82.4	77.0
July	29.871	60.6	57.1	58.9	51.7	66.6	40.9	19th	73.0	3rd	401	388	395	75.8	83.1	79.5
August	961	60.4	57.3	58.9	51.7	67.3	39.4	26th	76.8	9th	408	394	401	77.5	83.5	80.5
September	29.963	57.8	54.3	56.1	48.8	64.1	36.7	5th	76.9	19th	387	370	379	79.9	86.2	83.1
October	30.111	48.7	47.5	48.1	41.4	55.4	31.1	25th	65.5	3rd	298	303	301	85.5	90.3	87.9
November	30.171	40.0	39.3	39.7	33.6	47.1	21.9	22nd	55.2	7th	227	222	225	88.5	90.2	89.4
December	29.835	39.7	39.5	39.6	34.4	44.8	21.9	24th	55.2	20th	225	227	226	89.8	92.1	91.0
Year	29.939	49.9	47.5	48.7	41.9	55.7	—	—	—	—	299	291	295	80.9	85.4	83.2

## MONTHLY SUMMARIES.—DUBLIN (PHENIX PARK)—DUBLIN (CITY)—PARSONSTOWN.

## DUBLIN (PHENIX PARK).

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

1884.	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 -	7.4	6.9	7.2	2.795	ins.	22nd	26	4	2	0	1	12	2	0	0	1	3	4	22	12	5	15		
February -	7.6	7.0	7.3	2.720	ins.	13th	24	5	2	0	1	15	2	1	1	4	12	7	14	4	1	14		
March -	7.0	5.5	6.3	1.470	ins.	31st	21	2	2	0	1	9	0	0	1	2	6	6	12	7	1	27		
April -	6.1	4.5	5.3	1.450	ins.	4th	13	1	1	0	4	3	0	2	6	8	5	3	2	2	1	31		
May -	6.9	4.2	5.6	1.595	ins.	14th	16	0	5	0	5	7	0	0	2	7	2	3	14	9	2	23		
June -	7.1	6.5	6.8	1.500	ins.	3rd	11	0	1	0	0	9	0	2	0	1	1	1	3	6	7	39		
July -	7.0	5.0	6.0	2.540	ins.	22nd	26	0	0	0	0	7	0	0	0	4	3	4	4	6	0	41		
August -	5.9	4.8	5.4	0.955	ins.	27th	15	0	0	1	4	5	0	0	1	0	0	4	10	7	1	39		
September -	6.3	4.0	5.2	1.265	ins.	7th	19	0	0	0	2	7	0	0	2	4	1	2	16	6	1	28		
October -	6.0	5.6	5.8	1.105	ins.	8th	18	0	2	0	5	8	0	2	2	0	1	5	11	19	7	15		
November -	5.9	5.4	5.7	1.795	ins.	1st	20	1	1	0	2	6	0	7	1	0	4	3	11	12	6	16		
December -	6.4	6.2	6.3	2.155	ins.	7th	25	2	1	0	3	10	0	0	0	1	4	5	19	13	2	18		
Year -	6.6	5.5	6.1	2.255	—	—	234	15	17	1	28	98	4	14	16	32	42	47	138	103	34	306		

## DUBLIN (FITZWILLIAM SQUARE).

Thermometers, 4 feet above ground. Rain-gauge, 3 feet above ground.

		ins.			ins.																					
		2'358			.380																					
January	-	7'8	7'0	7'4	22nd	18	3	2	0	1	14	7	0	0	1	6	8	13	31	3	0					
February	-	7'9	7'3	7'6	20th	20	3	1	0	1	14	7	3	0	3	16	13	11	10	2	0					
March	-	6'8	5'9	6'4	9th	17	2	2	0	2	9	2	0	0	7	10	14	13	11	5	2					
April	-	5'9	4'9	5'4	4th	11	1	2	0	2	5	0	3	12	14	9	9	4	4	1	4					
May	-	6'7	4'3	5'5	14th	16	0	6	2	4	7	3	0	4	12	3	5	15	12	7	4					
June	-	6'6	6'8	6'7	3rd	10	0	1	1	1	10	0	9	1	7	3	0	7	18	11	4					
July	-	7'6	5'2	6'4	22nd	25	0	0	2	1	7	0	2	1	2	14	12	9	15	5	2					
August	-	5'9	5'5	5'7	27th	8	0	0	1	3	5	0	2	5	0	7	12	14	16	2	4					
September	-	5'7	3'9	4'8	7th	14	0	0	0	6	3	3	0	1	7	3	8	14	14	8	5					
October	-	5'1	6'3	5'7	8th	14	0	2	0	5	9	3	3	2	2	1	5	7	22	14	6					
November	-	5'8	6'0	5'9	1st	14	1	2	0	4	8	2	7	1	3	3	6	6	21	11	2					
December	-	6'4	5'6	6'0	7th	20	1	2	0	4	10	7	1	0	0	4	6	15	26	5	5					
Year	-	6'5	5'7	6'1	—	—	187	11	20	6	34	101	34	30	27	58	79	98	128	200	74	38				



OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

KILLARNEY

Long. 9° 30' W. Lat. 52° 4' N. Height above Mean Sea Level, 93 feet.

1884.	Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
					Min.	Max.	Min.	Day.	Max.	Day.							
January - -	ins. 30°005	46°8	46°4	46°6	41°6	50°5	32°2	26th	58°9	22nd	in. ·284	in. ·271	in. ·278	% 87·7	% 84·9	% 86·3	
February - -	29°698	44°7	43°9	44°3	39°2	49°4	28°2	2nd	57°0	27th	·258	·255	·257	86·7	88·5	87·6	
March - -	·786	45°6	43°9	44°8	39°3	50°4	27°8	8th	58°5	16th	·271	·255	·263	87·3	88°0	87·7	
April - -	·808	47°0	44°6	45°8	37°7	52°7	26°7	18th	58°8	10th	·261	·257	·259	81·1	87°2	84°2	
May - -	29°943	54°1	50°5	52°3	44°5	59°5	34°5	20th	73°7	24th	·343	·322	·333	81°6	87°0	84°3	
June - -	30°116	57°2	53°2	55°2	45°2	63°5	34°9	3rd	72°0	21st	·375	·375	·375	79°6	91°1	85°4	
July - -	29°869	60°1	57°0	58°6	52°2	65°1	40°9	1st	72°4	30th	·428	·420	·424	82°5	89°7	86°1	
August - -	°957	59°8	56°5	58°2	52°3	65°4	42°6	9th	72°9	23rd	·426	·409	·418	82°4	89°2	85°8	
September -	29°970	57°6	54°7	56°2	49°9	62°9	41°0	4th	73°5	18th	·403	·385	·394	84°3	89°2	86°8	
October - -	30°142	51°0	48°8	49°9	43°1	56°4	31°3	25th	62°4	5th	·331	·318	·325	87°6	90°3	89°0	
November -	30°179	42°0	41°4	41°7	35°0	48°6	21°0	25th	56°5	12th	·247	·246	·247	90°7	92°3	91°5	
December -	29°860	42°3	42°9	42°6	36°7	47°9	20·2	24th	57°0	5th	·239	·249	·244	86°5	88°4	87°5	
Year -	29°944	50°7	48°7	49°7	43°1	56°0	—	—	—	—	·322	·314	·318	84°8	88°8	86°8	

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.																							
1884.	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 -	7.9	8.1	8.0	ins. 8.658	ins. 1.260	25th	26	3	3	2	0	14	11	0	0	2	4	8	16	19	5	8	
February -	8.3	7.7	8.0	10.042	1.890	20th	25	2	4	3	0	16	7	4	1	6	12	5	10	10	5	5	
March -	8.3	6.8	7.6	1.513	1.240	12th	25	3	5	1	0	12	4	1	1	4	9	12	13	8	6	8	
April -	7.5	6.0	6.8	1.583	.395	1st	12	1	0	2	1	8	0	3	12	4	16	3	4	2	1	15	
May -	7.2	6.5	6.9	3.859	.636	8th	18	0	2	0	3	13	6	3	2	7	7	3	15	10	6	9	
June -	6.6	7.0	6.8	1.198	.300	27th	8	0	0	0	2	10	0	7	3	2	1	0	0	6	17	24	
July -	8.0	8.1	8.1	5.833	1.185	5th	25	0	0	2	0	15	2	2	0	2	1	5	14	14	3	21	
August -	7.7	6.9	7.3	1.703	.318	28th	16	0	0	0	1	14	2	2	0	2	1	5	14	14	3	21	
September -	7.3	6.1	6.7	4.137	.710	30th	20	0	0	0	3	10	1	2	0	8	4	3	8	15	6	14	
October -	7.3	6.0	6.7	4.524	1.450	31st	21	0	2	0	2	9	3	5	2	2	0	3	7	10	9	24	
November -	7.4	6.0	6.7	5.293	1.530	11th	20	0	0	0	0	11	3	6	3	5	1	6	9	6	5	19	
December -	8.1	7.2	7.7	8.180	1.190	7th	23	1	8	1	1	16	7	1	7	4	1	2	8	17	9	13	
Year	7.6	6.9	7.3	63.163	—	—	239	10	24	11	13	148	46	34	31	47	59	65	113	131	80	172	



## PART III.—ANNUAL SUMMARY OF OBSERVATIONS taken at 9 a.m. and 1884 -

Stations.				Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
Name.	Height above Mean Sea Level.	Long.	Lat.		1 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				1 a.m.	9 p.m.	Mean.	1 a.m.	9 p.m.	Mean.	
								Min.	Max.	Min.	Date.	Max.	Date.							
Sandwich	94	3° 18' W.	59° 2' N.	ins. 29.791	40.7	45.6	46.2	42.4	51.1	24.4	Nov. 30th	69.7	Aug. 6th	in. 27.3	in. 27.1	in. 27.2	84.0	87.8	85.9	
Dunrobin Castle	12	3° 59' W.	57° 57' N.	83.4	48.0	46.2	47.1	41.3	52.8	23.0	Nov. 30th	70.8	Aug. 6th	28.6	28.3	28.5	82.7	87.0	84.9	
Braemar	1,111	3° 24' W.	57° 0' N.	84.1	43.9	43.1	43.5	37.7	50.7	12.8	Nov. 30th	80.4	June 28th	24.6	24.5	24.6	81.7	84.0	82.9	
Laudale	14	5° 41' W.	56° 41' N.	84.5	48.8	47.8	48.3	43.0	54.0	26.5	Jan. 26th	77.9	June 28th	—	—	—	—	—	—	
Dundee	160	2° 56' W.	56° 28' N.	86.5	47.3	45.2	46.3	40.9	53.0	20.7	Dec. 23rd	79.7	June 28th	28.0	27.1	27.6	82.5	85.8	84.7	
Rothsay	115	5° 4' W.	55° 50' N.	89.2	48.4	46.7	47.6	42.0	54.3	25.5	Dec. 22nd	81.2	June 28th	30.4	28.9	29.7	85.2	86.8	86.0	
Pinnore	187	4° 49' W.	55° 12' N.	93.0	48.4	45.9	47.2	40.4	54.4	19.5	Dec. 22nd	80.9	Aug. 8th	29.2	28.4	28.8	83.0	88.4	85.7	
Sealeby (near Carlisle).	111	2° 52' W.	54° 58' N.	90.8	48.6	46.4	47.5	41.1	55.5	21.5	Dec. 26th	83.0	Aug. 8th	—	—	—	—	—	—	
Seaham Harbour	58	1° 19' W.	54° 50' N.	91.5	49.8	47.2	48.5	42.9	54.6	23.5	Nov. 30th	82.0	Aug. 24th	30.1	29.3	29.7	81.6	86.9	84.3	
Durham*	336	1° 35' W.	54° 46' N.	91.4	51.0	44.7	47.9	40.1	55.6	19.6	Nov. 30th	83.1	June 28th	31.0	27.6	29.3	80.3	89.8	85.1	
Newton Reigny	579	2° 48' W.	54° 41' N.	92.5	47.1	45.4	46.3	40.2	53.7	19.0	Dec. 26th	85.4	May 23rd	28.2	27.8	28.0	84.2	88.3	86.3	
Aysgarth	658	1° 58' W.	54° 18' N.	93.9	47.6	45.3	46.5	40.4	53.2	21.0	Nov. 30th	79.2	Aug. 24th	27.9	27.1	27.5	80.9	85.7	83.3	
Scarborough	129	0° 23' W.	54° 17' N.	93.9	49.7	48.3	49.0	44.1	54.2	26.8	Nov. 30th	78.7	June 13th	30.1	30.2	30.2	82.3	86.6	84.5	
Cronkbourne, Isle of Man.	137	4° 29' W.	54° 10' N.	92.1	50.2	47.8	49.0	43.5	54.1	26.4	Dec. 26th	76.0	June 28th	31.8	30.5	31.2	85.1	88.9	87.0	
York (Museum)	51	1° 5' W.	53° 57' N.	95.4	48.9	48.3	48.6	42.4	56.6	21.0	Nov. 30th	86.4	Aug. 11th	29.0	29.7	29.4	81.8	85.5	83.7	
Stonyhurst	375	2° 28' W.	53° 51' N.	96.1	48.8	47.5	48.2	42.1	55.2	24.4	Nov. 30th	80.5	Aug. 11th	28.4	28.2	28.3	79.3	82.4	80.9	
Wakefield	96	1° 30' W.	53° 41' N.	95.5	49.5	48.2	48.9	42.2	56.2	21.5	Dec. 27th	86.4	Aug. 11th	31.0	31.1	31.1	85.0	88.9	87.0	
Prestwich (Manchester).	294	2° 17' W.	53° 32' N.	95.2	48.7	47.3	48.0	41.9	55.0	24.5	Nov. 29th	82.9	Aug. 11th	29.1	29.3	29.3	81.9	86.1	84.0	
Llandudno	88	3° 50' W.	53° 21' N.	94.7	51.5	49.8	50.7	45.2	55.6	27.0	Dec. 29th	81.0	June 28th	31.1	30.7	30.9	79.2	83.0	81.1	
Buxton	987	1° 54' W.	53° 14' N.	97.0	47.3	44.3	45.8	38.5	53.3	19.0	{ Feb. 29th } { Dec. 27th }	82.1	Aug. 11th	28.0	27.2	27.6	82.8	89.2	86.0	
Cheadle	646	1° 57' W.	52° 58' N.	97.5	46.9	46.5	46.7	41.2	54.2	24.7	Nov. 30th	83.1	Aug. 11th	28.4	28.6	28.5	85.8	87.7	86.8	
Hillington (Norfolk)	88	0° 33' E.	52° 48' N.	97.6	50.9	47.0	49.0	41.5	57.7	22.4	Nov. 24th	93.4	Aug. 11th	—	—	—	—	—	—	
Leicester	237	1° 8' W.	52° 39' N.	97.0	50.3	49.2	49.8	42.5	57.9	23.2	Dec. 1st	90.0	{ Aug. 8th } { Aug. 11th }	30.9	30.8	30.9	81.2	83.8	82.5	
Uppingham	484	0° 44' W.	52° 35' N.	97.6	48.8	46.7	47.8	41.8	56.0	23.7	Nov. 30th	89.6	Aug. 8th	30.1	29.5	29.8	83.2	88.1	85.7	
Churchstoke	538	3° 5' W.	52° 31' N.	99.0	48.7	46.7	47.7	40.7	55.6	21.8	Nov. 30th	86.1	Aug. 11th	29.4	28.8	29.1	82.7	86.8	84.8	
Geldeston (Beccles)	37	1° 31' E.	52° 28' N.	97.9	51.2	48.4	49.8	42.9	56.8	23.8	Nov. 30th	86.1	Aug. 11th	31.4	30.8	31.1	80.4	86.8	83.6	
Cheltenham	184	2° 3' W.	51° 54' N.	—	50.4	—	—	41.8	56.8	20.5	Nov. 30th	87.8	Aug. 8th	—	—	—	—	—	—	
St. David's, Pembroke.	185	5° 16' W.	51° 53' N.	97.7	51.3	49.6	50.5	45.9	55.3	27.3	Dec. 27th	79.4	Aug. 7th	33.1	32.7	32.9	84.7	88.7	86.7	
Carmarthen	188	4° 18' W.	51° 52' N.	29.981	51.4	48.3	49.9	43.4	56.6	26.1	Feb. 3rd	81.0	Aug. 24th	31.5	30.5	31.0	80.8	87.0	83.9	
Marlborough	471	1° 43' W.	51° 25' N.	30.012	49.6	47.2	48.4	41.6	56.5	20.5	Nov. 30th	87.6	Aug. 8th	30.8	30.1	30.5	83.4	88.3	85.9	
Margate	83	1° 24' E.	51° 24' N.	009	51.6	49.7	50.7	45.5	56.6	29.1	March 3rd	85.1	Aug. 2nd	31.7	31.4	31.6	80.2	84.7	82.5	
Southampton	78	1° 24' W.	50° 55' N.	015	52.1	49.8	51.0	44.5	58.7	25.0	Nov. 30th	87.0	Aug. 11th	33.0	32.2	32.6	81.6	86.2	83.9	
St. Leonards	116	0° 33' E.	50° 51' N.	016	51.8	50.1	51.0	46.3	56.5	28.0	Nov. 30th	84.1	{ Aug. 8th } { Aug. 11th }	32.1	31.8	32.0	80.8	84.9	82.9	
Southbourne	90	1° 48' W.	50° 44' N.	007	51.5	49.5	50.5	44.5	56.4	24.3	Nov. 30th	80.2	Aug. 10th	32.3	31.6	32.0	81.6	85.8	83.7	
Babbacombe	293	3° 31' W.	50° 29' N.	021	51.9	49.3	50.6	45.3	56.6	26.5	Nov. 30th	79.7	Aug. 8th	32.1	31.1	31.6	80.7	85.8	83.3	
Totnes	93	3° 43' W.	50° 27' N.	020	52.6	49.3	51.0	42.7	58.9	23.9	Nov. 30th	84.5	Aug. 8th	33.3	32.5	32.9	81.4	89.4	85.4	
St. Aubin's (Jersey)	139	2° 10' W.	49° 11' N.	30.072	54.3	51.5	52.9	47.9	58.3	33.0	Dec. 29th	86.3	Aug. 10th	34.3	33.1	33.7	78.7	84.2	81.5	
Londonderry	93	7° 19' W.	55° 0' N.	29.900	49.7	47.5	48.6	42.5	56.0	26.9	Dec. 24th	81.1	June 28th	30.2	29.8	30.0	82.4	88.0	85.2	
Armagh	203	6° 39' W.	54° 21' N.	91.2	48.4	46.8	47.6	43.4	54.3	23.8	Dec. 22nd	75.5	June 28th	29.7	29.3	29.5	84.8	88.1	86.5	
Brookeborough (Cobrook Park).	278	7° 22' W.	54° 21' N.	89.4	48.0	46.5	47.3	40.9	54.2	20.8	Dec. 24th	78.3	June 28th	29.6	29.0	29.3	86.6	89.5	88.1	
Markree Castle (Sligo).	131	8° 27' W.	54° 11' N.	80.3	48.9	46.5	47.7	41.5	54.5	20.9	Dec. 24th	75.9	Aug. 1st	30.3	29.5	29.9	85.0	90.0	87.5	
Glasnevin	64	6° 16' W.	53° 23' N.	93.9	50.6	48.3	49.3	41.4	56.0	22.0	Dec. 22nd	78.2	Aug. 23rd	32.3	31.1	31.7	84.1	88.5	86.3	
Dublin (Phoenix Park).	162	6° 21' W.	53° 22' N.	94.1	50.3	47.8	49.1	41.7	55.5	21.0	Dec. 22nd	78.9	Aug. 23rd	29.6	29.2	29.4	79.1	85.0	82.1	
Dublin (City).	51	6° 15' W.	53° 20' N.	94.1	50.6	49.7	50.2	45.0	56.1	27.3	Dec. 22nd	75.4	June 13th	30.0	30.1	30.1	79.4	81.9	80.7	
Parsonstown (Birr Castle).	182	7° 55' W.	53° 6' N.	93.9	49.9	47.5	48.7	41.9	55.7	21.9	{ Nov. 22nd } { Dec. 24th }	76.9	Sept. 19th	29.9	29.1	29.5	80.9	85.4	83.2	
Killarney	93	9° 30' W.	52° 4' N.	20.944	50.7	48.7	49.7	43.1	56.0	20.2	Dec. 24th	73.7	May 24th	32.2	31.4	31.8	84.8	88.8	86.8	

\* The observations at Durham were taken at 10 a.m. and 10 p.m. each day.

## 9 p.m. each Day, Local Time, at BRITISH STATIONS OF THE SECOND ORDER. 1884.

Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of										Stations.
9 a.m.	9 p.m.	Mean.	Total.	Max.	Date.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
6.6	7.0	6.8	ins. 35.430	ins. 1.000	Jan. 26th	216	21	15	10	40	170	111	57	20	36	162	114	83	115	79	66	Sandwich.	
—	—	—	26.570	1.240	Nov. 26th	154	15	0	2	—	—	—	55	54	160	110	37	84	151	81	0	Dunrobin Castle.	
6.7	6.5	6.6	43.520	2.100	Feb. 12th	218	39	1	11	14	86	32	14	77	39	64	45	379	42	72	0	Braemar.	
7.9	7.3	7.6	99.010	2.550	Nov. 8th	255	54	23	11	23	192	65	34	3	89	44	117	65	129	50	201	Laudale.	
8.2	8.0	8.6	29.110	1.450	July 10th	155	31	10	20	6	257	54	11	54	30	201	30	170	139	97	0	Dundee.	
—	—	—	53.213	1.605	July 10th	228	18	5	16	—	—	—	11	51	75	85	83	133	105	105	84	Rothsay.	
—	—	—	57.910	1.500	Sept. 6th	215	—	—	—	—	—	—	11	119	18	24	58	188	99	85	141	Pinnore.	
7.4	5.9	6.7	30.430	1.000	July 10th	197	11	4	20	31	139	52	31	44	119	46	38	243	60	19	132	Sealeby.	
6.7	5.8	6.3	20.786	.975	March 4th	171	24	9	23	37	122	9	69	26	21	47	102	146	86	52	183	Seaham Harbour.	
6.9	5.5	6.2	21.267	1.080	July 5th	156	10	1	15	36	130	6	43	46	45	42	123	183	117	75	58	Durham.*	
7.1	6.1	6.6	37.610	1.070	Jan. 22nd	200	27	18	16	25	140	12	28	20	28	138	102	107	124	49	136	Newton Reigny.	
6.9	6.0	6.5	40.400	1.500	Dec. 10th	192	43	16	24	33	124	43	30	77	60	31	43	176	137	66	112	Aysgarth.	
6.4	6.0	6.2	21.360	.850	Feb. 1st	182	14	9	14	23	106	5	67	76	32	75	61	152	151	83	35	Scarborough.	
7.1	7.0	7.1	40.272	1.570	Jan. 3rd	197	3	25	24	8	157	72	42	39	82	79	82	121	119	91	77	Cronkbourne.	
6.3	5.5	5.9	19.760	1.690	July 10th	166	11	4	14	43	110	10	89	47	93	47	145	91	150	66	4	York (Museum).	
7.9	6.9	7.4	42.062	1.230	Jan. 22nd	205	16	20	21	31	200	2	24	74	44	25	56	114	135	44	216	Stonyhurst.	
7.2	6.2	6.7	20.770	1.090	July 9th	170	7	1	9	28	137	13	70	74	84	77	77	119	165	66	0	Wakefield.	
7.5	5.8	6.7	32.220	.770	5 Mar. 4th	175	27	24	24	45	159	11	75	9	101	52	156	14	134	45	146	Prestwich.	
7.1	5.8	6.5	27.093	.910	July 5th	169	6	9	6	39	143	16	56	43	55	49	64	146	245	74	0	Llandudno.	
7.1	5.9	6.5	44.961	1.100	Sept. 21st	178	36	20	17	16	169	1	7	39	76	87	50	165	143	146	19	Buxton.	
6.8	5.5	6.2	27.040	1.250	Aug. 31st	176	26	13	22	35	109	22	73	31	124	74	80	116	100	98	36	Chendale.	
7.2	6.2	6.7	22.532	1.210	Aug. 31st	174	11	11	22	28	152	13	35	115	40	114	63	210	59	87	0	Hillington.	
7.1	5.0	6.1	21.800	.920	Aug. 31st	177	9	7	9	42	119	4	35	124	23	48	26	294	54	76	52	Leicester.	
7.5	6.0	6.8	18.969	1.103	July 10th	153	20	10	17	38	157	32	74	75	50	31	120	144	103	71	64	Uppingham.	
7.5	6.2	6.9	28.035	.886	Aug. 31st	162	23	7	11	18	147	11	26	42	57	116	54	136	161	104	36	Churchstoke.	
6.8	5.5	6.2	21.310	1.930	Sept. 4th	159	14	21	14	53	131	3	59	70	108	48	57	139	145	44	62	Gedleston.	
7.0	—	—	24.040	1.620	June 25th	192	12	5	11	—	—	—	—	—	—	—	—	—	—	—	—	—	Cheltenham.
7.0	5.9	6.5	32.799	.794	Feb. 12th	202	7	17	10	30	117	26	64	75	44	93	74	196	79	87	20	St. David's.	
7.0	6.0	6.5	51.750	1.430	Aug. 31st	208	7	17	16	43	141	14	58	24	97	40	53	153	109	36	162	Carmarthen.	
7.5	5.9	6.7	27.120	1.140	June 28th	178	11	10	6	38	163	0	32	22	39	21	53	88	58	24	395	Marlborough.	
6.4	5.2	5.8	20.340	1.090	Sept. 4th	152	2	5	11	63	121	4	49	60	77	79	95	164	95	42	71	Margate.	
7.1	5.6	6.4	24.830	1.325	March 3rd	161	5	11	11	52	146	8	39	146	28	59	50	207	70	109	24	Southampton.	
5.9	5.1	5.5	25.873	1.253	Oct. 9th	164	0	10	14	80	105	24	62	104	78	61	51	108	120	118	30	St. Leonards.	
6.0	4.9	5.5	24.710	1.250	March 3rd	146	0	3	9	63	95	17	98	95	41	37	45	149	99	97	71	Southbourne.	
6.9	6.1	6.5	29.760	1.380	March 3rd	176	8	19	13	32	142	48	54	119	78	33	74	167	125	68	14	Babbacombe.	
6.9	6.0	6.5	39.240	1.830	March 3rd	188	3	11	6	42	147	26	52	35	53	29	42	193	119	82	217	Totnes.	
6.3	5.4	5.9	32.699	1.420	June 3rd	181	1	21	12	60	113	11	39	127	74	40	37	127	75	89	124	St. Aubin's (Jersey).	
7.7	6.5	7.1	43.320	1.010	Nov. 4th	246	21	22	3	24	170	3	48	31	39	70	155	198	98	69	24	Londonderry.	
7.7	6.2	7.0	34.999	1.140	Sept. 6th	245	16	7	7	27	170	4	37	29	33	74	165	224	83	52	35	Armagh.	
9.0	7.7	8.4	43.111	1.600	Oct. 31st	188	6	1	7	16	251	4	41	31	36	47	123	201	63	24	166	Brookeborough.	
8.8	8.4	8.6	40.960	1.170	Feb. 20th	254	15	13	8	1	257	10	50	21	35	128	144	166	50	51	167	Markree Castle.	
6.3	5.3	5.8	18.460	.820	April 4th	152	4	19	6	25	76	8	11	40	20	93	22	163	89	145	149	Glasnevin.	
6.6	5.5	6.1	21.255	.825	April 4th	234	15	17	1	28	98	4	14	16	32	42	47	138	103	34	306	Phoenix Park.	
6.5	5.7	6.1	20.407	.863	April 4th	187	11	23	6	34	101	34	30	27	58	79	98	128	200	74	38	Dublin (City).	
7.6	7.4	7.5	30.977	.970	Oct. 23rd	214	12	21	4	14	193	2	22	26	10	124	124	154	76	63	133	Parsonstown.	
7.6	6.9	7.3	63.163	1.890	Feb. 20th	239	10	24	11	73	148	46	54	31	47	59	65	113	131	80	172	Killarney.	



PART IV.  
TABLE showing the NUMBER of HOURS of BRIGHT SUNSHINE at those STATIONS supplied with SUNSHINE RECORDERS, together with the PERCENTAGE of its possible DURATION.

1884.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		1884.
	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	
Sandwich.	13	6	57	22	103	29	154	35	152	29	138	25	168	32	158	33	88	23	48	15	34	15	8	4	Sandwich.
Durham.	26	11	41	15	83	23	—	—	193	39	—	—	—	—	181	40	107	28	—	—	—	—	—	—	Durham.
Newton Reigny.	22	9	35	13	85	23	129	31	223	44	166	32	131	26	172	37	135	36	75	24	47	19	23	11	Newton Reigny.
Cronkbourne, Isle of Man.	32	13	55	20	81	22	169	41	205	42	212	42	186	37	188	41	153	41	98	31	61	24	35	16	Cronkbourne, Isle of Man.
York.	24	10	34	12	87	24	126	30	210	43	175	35	143	28	193	42	115	31	96	30	34	14	6	3	York.
Stonyhurst.	18	7	42	15	75	21	125	30	214	45	177	35	139	28	192	42	141	38	79	25	60	24	21	9	Stonyhurst.
Llandudno.	—	—	—	—	70	19	162	39	178	37	197	39	138	28	200	44	116	31	65	20	43	17	—	—	Llandudno.
Buxton.	22	9	45	16	73	20	92	22	185	39	192	38	109	24	—	—	—	—	48	15	33	13	8	4	Buxton.
Hillington.	19	8	72	26	98	27	145	35	230	47	209	42	170	34	222	47	136	36	93	29	41	16	14	6	Hillington.
Leicester.	20	8	58	21	85	23	90	22	205	42	140	28	138	28	212	47	104	28	64	20	29	11	9	4	Leicester.
Churchstoke.	24	10	46	16	104	29	121	29	224	46	176	35	152	30	211	47	142	38	93	29	41	16	23	10	Churchstoke.
Geldeston.	43	17	69	24	108	30	145	35	235	49	218	44	193	40	229	51	168	45	102	31	51	20	23	10	Geldeston.
St. David's, Pembroke.*	20	8	41	14	119	33	177	43	205	43	216	44	208	42	221	49	164	44	93	29	47	18	29	12	St. David's, Pembroke.*
Marlborough.	26	10	56	20	85	24	102	25	199	42	154	32	136	28	222	50	128	34	100	31	30	11	19	8	Marlborough.
Southampton.	31	12	52	18	111	30	115	28	215	45	189	39	159	33	245	53	141	38	120	37	45	17	23	10	Southampton.
St. Leonards.	47	18	90	31	130	36	134	33	225	47	180	37	202	41	267	60	139	37	108	33	65	25	27	11	St. Leonards.
St. Aubin's, Jersey.	50	19	86	30	168	46	176	43	266	57	258	54	172	36	258	59	179	48	133	41	86	32	24	10	St. Aubin's, Jersey.
Armagh.	22	9	51	18	64	18	141	34	131	27	105	21	143	28	112	25	115	31	68	21	48	19	17	8	Armagh.
Markree Castle.	22	9	51	18	73	20	153	37	159	32	113	22	139	28	123	27	99	26	65	20	56	22	18	8	Markree Castle.
Dublin.†	36	15	49	17	88	24	180	44	191	39	119	24	142	30	183	40	148	39	107	33	58	23	32	14	Dublin.†
Parsonstown.	24	10	57	20	78	21	169	41	179	37	129	26	150	30	144	32	136	36	75	23	60	24	32	14	Parsonstown.

## SELF-RECORDING OBSERVATORIES.

Valencia.	18	7	61	21	89	24	152	37	191	40	178	36	151	31	134	30	120	32	94	29	72	26	18	8	Valencia.
Glasgow.	17	7	38	14	56	15	100	24	142	28	110	21	108	21	111	24	111	30	52	16	33	14	3	1	Glasgow.
Aberdeen.	59	26	60	22	79	22	134	32	169	34	160	30	141	27	182	39	138	37	90	29	47	20	24	12	Aberdeen.
Falmouth.	22	8	51	18	97	27	165	40	217	46	236	49	214	44	217	49	139	37	104	32	45	17	27	11	Falmouth.
Kew.	29	11	54	19	108	29	99	24	208	43	157	32	153	30	227	52	129	36	87	26	43	16	24	10	Kew.

\* The values for St. David's, Pembroke, are those obtained from the Sunshine Recorder at St. Ann's Head, the Telegraphic Reporting Station.  
† At Dublin the Sunshine Recorder is at the Ordnance Survey Office in the Phoenix Park.

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AT

## STATIONS OF THE SECOND ORDER

For the Year 1885.

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