

Official, No. 69.

METEOROLOGICAL OBSERVATIONS

AT

STATIONS OF THE SECOND ORDER

For the Year 1882.

449/2
(5)

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Margate - - - -	13	28	43	58	73	88	103	118	133	148	163	178	204
Markree Castle (Sligo) - - - -	17	32	47	62	77	92	107	122	137	152	167	182	212
Marlborough - - - -	13	28	43	58	73	88	103	118	133	148	163	178	204
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Uppingham - - - -	10	25	40	55	70	85	100	115	130	145	160	175	200
Wakefield - - - -	8	23	38	53	68	83	98	113	128	143	158	173	194
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ERRATA.

- Page 11. Churchstoke, 23rd, 9 p.m.:—Wind Direction; for "Clam" read "Calm." ✓
 „ 17. Dublin:—Height above Mean Sea Level; for "56 feet" read "51 feet." ✓
 „ „ Remarks; for "10.30 a." read "10.30 p." ✓ 17th.
 „ 32. Dublin, Height above Mean Sea Level; for "56 feet" read "51 feet." ✓
 „ 41. Churchstoke, 15th, 9 a.m.:—Wind Direction; for "Clam" read "Calm." ✓
 „ 68. Douglas:—Heading; for "March 1882" read "May 1882." ✓
 „ 124. Dunrobin Castle, 12th:—Maximum Temperature; for "54.3" read "56.3." And
 Mean; for "57.7" read "57.8." ✓
 „ 138. Killarney, 5th, 9 a.m.:—Wind Direction; for "SW" read "WSW." ✓
 „ 163. Margate, 13th, 9 a.m.:—Wind Direction; for "ENE" read "ESEL." ✓
 „ 165. St. Leonards, 22nd, 9 p.m.:—Wind Direction; for "Calm o" read "W 3." And
 Mean; for "3.4" read "3.5." ✓
 „ 173. Douglas:—Mean Barometer; for "29.575" read "29.607." ✓

ADDENDA.

- Page 166. St. Aubin's:—Add foot-note: "Earth Temperature, Mean of 10 readings (every third day), at 1 foot 46°.3, at 3 feet 48°.1, 6 feet 55°.3." ✓
 „ 168. Birr Castle, 8th:—Remarks; insert "▲p." ✓
 „ 181. Londonderry, 8th:—Remarks; insert "▲ before ga." ✓

ADDITIONAL ERRATUM FOR 1878.

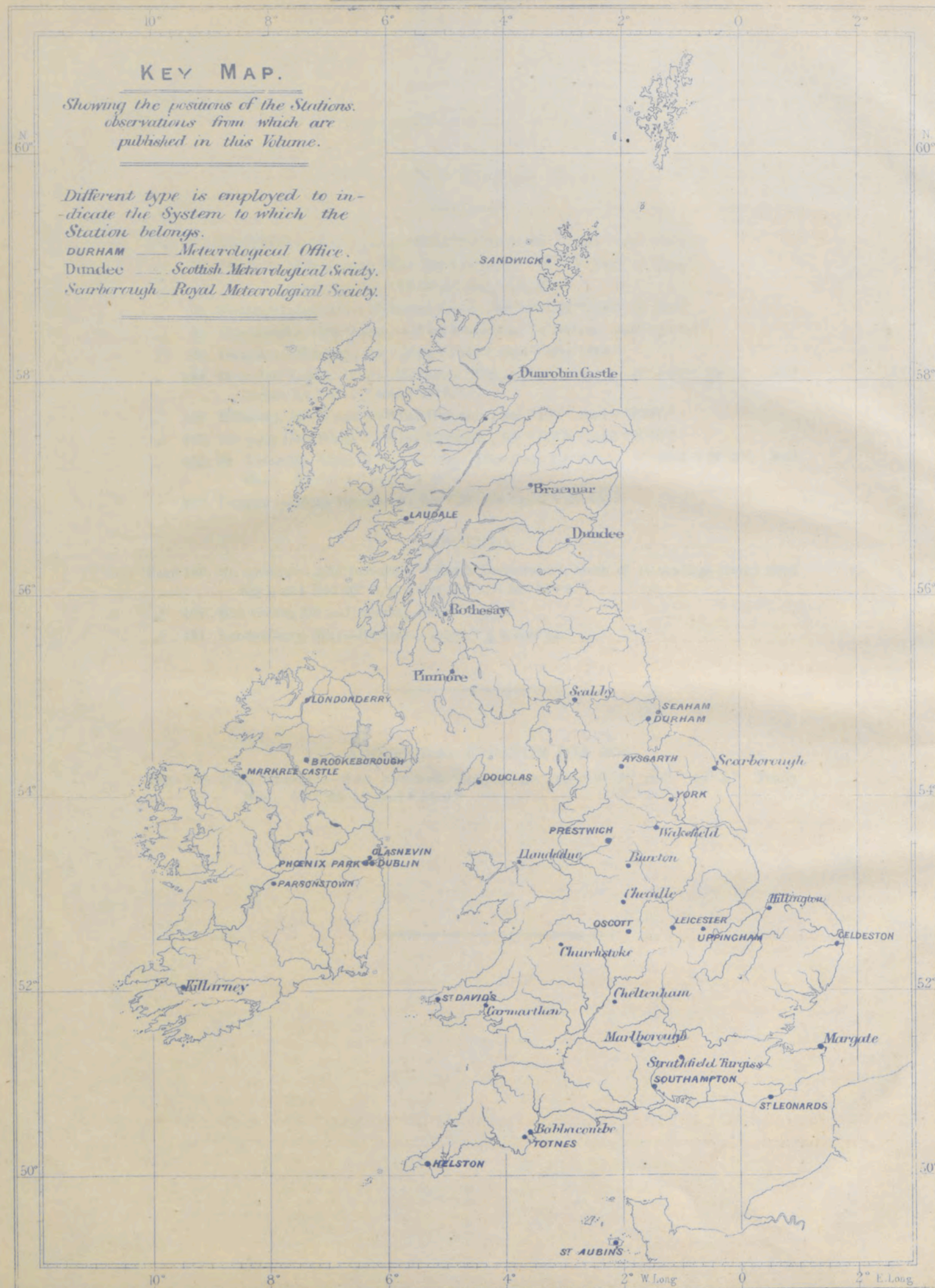
- Page 156. Hull, January:—Mean Maximum Temperature for "54.3" read "44°.3." Yearly
 Mean; for "56.4" read "55.6." ✓

KEY MAP.

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

Different type is employed to in-
dicate the System to which the
Station belongs.

DURHAM — Meteorological Office.
Dundee — Scottish Meteorological Society.
Scarborough — Royal Meteorological Society.



OBSERVATIONS

AT

STATIONS OF THE SECOND ORDER, 1882.

Part I.—Detailed Observations.

THE changes in the stations, observations from which are published *in extenso* on Form A., are, as compared with the list for 1881, as follow:—

Ramsgate and Dartmoor disappear from the list, owing, in the case of the first-named, to the removal of the observer, and their places are supplied by Margate and Killarney, leaving the number of stations unchanged.

The general plan of the publication is the same as in previous years. It should, however, be observed that in the case of the stations belonging to the Scottish Meteorological Society, the examination, and correction, if required, of the observations has been completed by Mr. Buchan, F.R.S.E., the Secretary of that Society, while the reduction of the observations has been, as for previous years, carried out in the Meteorological Office.

With regard to these latter stations, it should be observed also 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, and the thermometers to the nearest whole degree, while at Dunrobin Castle, Pinmore, and Rothsay the wind-force and the cloud-amount were omitted. At Braemar and Dundee the scale for wind-force hitherto employed has been 0-6, and the entries under this scale have 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 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 Secretary of the Scottish Meteorological Society, on his inspection tour in the summer of 1883.

Although, as noted above, at Dundee the temperatures were only observed to the nearest degree, it has been thought advisable to apply the corrections in the usual way, and to use the corrected readings in determining the vapour tension and relative humidity.

E 21718. 300.—5/86. Wt. 53.

A

The form in which the observations are published is that adopted for international use by the Meteorological Congress at Rome, 1879.

All the barometer readings are reduced to 32° Fahrenheit and the Mean Sea Level. The tables used in the reductions being those given in the "Instructions in the Use of Meteorological Instruments," London, 1875.

The observations of temperature are all corrected for errors of the thermometers.

The minimum and maximum thermometers have been read and set at 9 p.m. at all the stations, and the readings entered to the day on which they were read.

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

In Relative Humidity, complete saturation is represented by 100.

The Wind direction is *true*. Wind force is estimated by Beaufort's scale, as follows:—

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

The Cloud amount is estimated by a scale in which 0 represents clear sky, and 10 completely overcast.

Rainfall is measured at 9 a.m. each morning, and the amount registered entered to the *previous* day.

The following are the symbols adopted by the Vienna Congress and used in the "Remarks" columns:—

Rain - - - - ●	Hoar-frost - - - - ⊥	Solar Corona - - - - ⊕
Snow - - - - *	Dew - - - - ∩	Solar Halo - - - - ○
Thunderstorm - - - - ⚡	*Silver-thaw ("Rauh-frost," "Duft") ∨	Lunar Corona - - - - ⊙
Lightning without Thunder, or } <	Glazed Frost ("Glatteis") - ~	Lunar Halo - - - - ⊕
Sheet Lightning - - - - -	Snow-drift - - - - ⊕	Rainbow - - - - (
Hail - - - - ▲	Ice Crystals - - - - ↖	Aurora - - - - ✨
Soft-Hail ("Graupel") - - - - △	Strong Wind - - - - ↗	Dust Haze ("Höhenrauch") - ∞
Mist, Fog - - - - ☼		

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

e.g. ●⁰ slight Rain.

●² heavy Rain.

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

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

a. indicates a.m.

p. " p.m.

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

n. is used to indicate night.

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

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.
†Braemar - - - -	James Aitken, F.R.Met.Soc.
Laudale, 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.
*Scarborough - - - -	F. Shaw, F.R.Met.Soc.
Douglas, Isle of Man - - - -	A. W. Moore, M.A., F.R.Met.Soc.
*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. Hearder, M.D.
*Marlborough - - - -	Rev. T. A. Preston, M.A., F.R.Met.Soc.
*Margate - - - -	J. Stokes, F.R.Met.Soc.
*Strathfield Turgiss, Hants - - - -	Rev. C. H. Griffith, B.D., F.R.Met.Soc.
Southampton (Ordnance Survey Office) - - - -	Mr. J. T. Cook (for Director General of Survey).
St. Leonards - - - -	H. Colborne, M.R.C.S., F.R.Met.Soc.
*Babbacombe (Torquay) - - - -	E. E. Glyde, F.R.Met.Soc.
St. Aubin's, Jersey - - - -	J. E. Vibert, M.A.
Londonderry - - - -	J. Conroy, F.R.Met.Soc.
Markree Castle, Sligo - - - -	E. Salles (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.

DUNROBIN CASTLE.

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

JANUARY 1882.

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.	39°	35°	33°	44°	in.	in.	84	82	W	W	—	—	—	Fine, but cold.
2	29°523	29°450	39°	35°	33°	44°	206	160	84	82	W	W	—	—	—	550 showers.
3	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Cold, with showers.
4	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Clear a. Dull p.
5	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Dull a. Fresh W. wind. Squally.
6	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Stormy. 2 showers.
7	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Cold and dull.
8	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Clear.
9	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Mild and dull.
10	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Fresh wind. Clear.
11	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Clear and fine.
12	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Mild and dull. Fine p.
13	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Fine and mild.
14	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Fine and mild.
15	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Dull and mild.
16	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Dull and mild a. Fine p.
17	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Mild and fine.
18	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Fine a. Dull p., with showers.
19	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Fine and clear.
20	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Breezy. Dull. showers.
21	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Cold.
22	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Fine and mild.
23	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Fine day.
24	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Fine day.
25	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Fine and mild.
26	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Fine but dull.
27	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	showers.
28	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	Cold. Fresh SE. breeze.
29	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	
30	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	
31	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	
Means	29°523	29°450	39°	35°	33°	44°	211	188	84	82	W	W	—	—	—	3°050

BRAEMAR.

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

JANUARY 1882.

1	29°442	29°392	35°4	37°0	34°9	40°5	*175	*160	84	73	SW	2	SW	2	9	6	*320	Fine day.
2	29°227	28°744	36°4	36°4	34°5	39°1	*182	*207	84	96	W	4	SW	2	7	7	*310	Clear and cold.
3	28°926	29°318	33°7	32°9	31°6	40°7	*174	*167	89	89	NW	2	NW	1	5	5	—	Fair and clear.
4	29°773	*584	22°0	33°7	22°0	38°9	*108	*186	91	95	S	2	SW	4	2	8	*280	Dark and dull.
5	29°058	*327	43°3	36°6	33°7	45°8	*263	*176	94	81	SW	1	SW	4	10	6	*440	Cold. ●.
6	28°769	*092	40°6	31°9	29°6	41°3	*177	*181	70	100	SW	8	SW	10	8	6	—	☼ ² (hurricane) 9a.—2p.
7	29°329	*659	31°3	32°5	30°4	39°2	*162	*173	92	94	SW	2	SW	6	10	7	*600	☼ 6 inches deep.
8	*647	*680	35°9	31°7	30°7	37°6	*194	*145	92	80	SW	2	SW	1	9	1	—	Dull.
9	*050	*877	35°5	36°4	30°1	38°8	*180	*178	86	83	SW	1	SW	4	7	9	*490	☼ showers.
10	*668	29°769	40°3	38°6	35°7	43°5	*210	*196	84	84	SW	6	SW	6	7	8	*070	☼ showers.
11	29°980	30°156	34°0	28°5	27°1	40°5	*176	*108	89	69	NW	1	SW	0°5	6	8	—	Clear and fair.
12	30°186	*230	42°4	42°9	28°4	45°3	*252	*250	93	91	SW	1	SW	4	9	8	*030	Dark, with ☼ ⁹ (mist).
13	*178	*173	42°9	41°8	41°5	44°2	*246	*258	89	98	SW	3	SW	6	8	9	*090	Very dark and dull.
14	*261	*220	40°4	45°9	37°2	48°8	*249	*295	99	96	SW	1	SW	10	10	8	*020	Very dark and dull.
15	*296	*471	47°5	46°5	43°6	48°7	*304	*293	94	94	SW	3	SW	4	10	9	—	Fine, but dull.
16	*580	*661	43°6	43°3	43°3	47°7	*255	*242	89	86	NW	4	SW	4	6	8	—	Fair and fine.
17	*668	*703	42°5	45°6	42°4	46°5	*230	*265	85	87	W	1	SW	2	6	7	*070	Fair and fine.
18	*759	*802	45°8	44°6	44°3	49°9	*278	*248	91	84	SW	2	SW	1	6	3	—	Very fine.
19	*751	*693	42°6	40°6	36°4	46°2	*229	*194	84	77	SW	2	SW	2	8	6	—	Very fine.
20	*519	*434	39°6	40°3	39°5	42°9	*186	*215	76	87	NW	2	SW	4	6	7	—	Very fine.
21	*565	*473	35°7	36°6	35°7	41°2	*180	*184	85	85	SW	2	NW	2	3	3	—	Very fine.
22	*291	*283	42°3	43°3	36°4	43°3	*201	*235	75	84	SW	8	SW	4	6	8	*080	Very fine.
23	*250	*224	43°2	45°6	42°3	46°7	*240	*259	89	85	SW	2	SW	6	7	8	*010	● ⁹ showers.
24	*334	*379	46°7	47°8	43°3	49°7	*268	*277	85	84	SW	6	SW	6	7	6	—	Fair and fine. Clear.
25	*433	*494	43°6	40°4	40°3	45°8	*232	*214	81	86	SW	2	W	1	5	2	—	Fair and fine. Clear.
26	*385	30°192	35°7	35°7	35°4	44°3	*167	*194	79	93	SW	4	SW	6	6	8	—	Fair and fine.
27	30°069	29°822	39°1	43°6	35°7	43°8	*225	*244	94	86	SW	6	SW	8	9	8	*100	Dull and damp.
28	29°892	30°104	34°7	31°4	30°8	46°5	*150	*142	78	80	SW	4	SW	2	3	2	*010	☼ showers.
29	30°374	*511	22°9	20°7	22°4	42°5	*116	*165	95	100	S	0°5	NE	2	3	8	*010	☼ showers.
30	*599	*586	30°4	33°3	29°6	37°9	*159	*168	94	88	E	1	SE	2	9	8	—	Dull and damp.
31	30°566	30°529	36°0	37°8	33°3	38°6	*189	*203	89	90	SW	1	SW	2	9	9	*040	☼ showers.
Means	30°046	30°081	38°3	38°5	34°9	43°5	*206	*207	87°1	87°3		2°8		3°8	7°0	6°6	2°890	

LAUDALE.

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

JANUARY 1882.

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°	45°	38°	48°	in.	in.	%	%	Calm	0	SSW	4	2	10	ins. 29°880	☉ ☼ ² (sleet) showers. ∞.	
2	29°469	29°426	41°	45°	38°	48°	193	193	84	79	WNW	5	W	7	10	5	°990	☉ ☼ a. and p.	
3	29°469	29°426	41°	45°	38°	48°	193	193	84	79	W	1	NNW	2	7	4	°060	☉ ☼ a. and p.	
4	29°469	29°426	41°	45°	38°	48°	193	193	84	79	ESE	1	S	5	10	10	1°400	☉ ☼ a. ∞ ☼ (sleet) 9p.	
5	29°469	29°426	41°	45°	38°	48°	193	193	84	79	SW	9	SW	7	10	5	°650	☉ ☼ ² 5a.	
6	28°620	29°213	45°	40°	37°	50°	214	211	72	86	SW	11	WSW	9	10	3	°670	☉ ☼ ² a. and p. Squalls crossing loch at the rate of 98 miles per hour. [Spray rising 150 feet. Much damage done. ☉ ☼ p.	
7	29°385	29°710	48°	40°	36°	48°	307	219	92	87	WSW	7	SW	5	7	6	°650	☉ ☼ a. and p.	
8	29°643	29°700	43°	40°	36°	44°	283	222	90	89	W	4	W	1	8	0	°300	☉ ☼ a. ☉ ☼ op.	
9	29°769	29°959	40°	44°	38°	44°	287	263	94	91	SW	7	SW	4	10	5	°420	☉ ☼ (gale) from 4a. ☉ ☼ a.	
10	29°788	29°781	46°	46°	41°	48°	287	265	93	86	SW	7	SW	2	10	8	°620	Squally ☉ in past n. [during day.	
11	30°006	30°074	35°	46°	33°	47°	282	287	99	90	E	1	S	5	0	2	°120	☉ ☼ ga. Strong squalls from S.	
12	29°139	29°085	50°	46°	44°	51°	318	300	93	96	S	2	S	4	10	10	°220	☉ ☼ (gale) from 4a. ☉ ☼ p.	
13	29°093	29°137	47°	48°	46°	48°	298	287	93	87	S	6	S	4	9	10	°180	Dark and gloomy.	
14	29°182	29°194	48°	52°	45°	52°	309	346	93	87	S	8	S	6	10	10	°400	Dark and gloomy.	
15	29°334	29°512	50°	47°	49°	52°	345	350	92	94	S	8	S	4	10	10	°020	Dark and gloomy. ☉ ☼ (mist) p.	
16	29°573	29°606	49°	48°	47°	51°	298	304	86	89	S	4	S	2	10	6	—	Very dark and gloomy a	
17	29°730	29°830	48°	49°	45°	50°	332	332	90	93	S	3	SSW	3	8	10	°030	Red clouds to W. a. Squally day.	
18	29°796	29°834	51°	50°	47°	51°	336	332	90	86	SW	6	SSW	4	10	10	—	Red clouds a. Day gloomy with ☉ ☼	
19	29°762	29°729	47°	46°	43°	50°	273	256	85	82	S	2	S	2	10	10	—	Red clouds a. Day gloomy. ☉ ☼ (mist).	
20	29°506	29°469	43°	44°	43°	47°	220	241	78	82	S	1	SSW	4	10	4	°190	Red clouds a. ☉ ☼ (sleet) 6p.—10p.	
21	29°579	29°478	39°	45°	40°	47°	218	243	92	82	Calm	0	SSW	2	3	4	°060	☉ ☼ before ga.	
22	29°346	29°271	46°	48°	43°	48°	268	304	84	92	SSW	7	SW	8	10	10	°470	☉ ☼	
23	29°277	29°302	44°	50°	43°	50°	283	322	98	90	Calm	0	SW	7	10	10	°450	☉ ☼ (mist, very thick), ga. ☉ ☼ ² 11a.	
24	29°415	29°485	50°	51°	46°	51°	348	333	97	86	SW	8	SW	3	10	7	°050	☉ ☼ (gale) a. though with rising bar.	
25	29°505	29°534	48°	45°	43°	51°	281	253	85	85	SSW	2	SW	2	9	10	°020	Short ☉, more like a mock sun, to [WNW, ga. ☉ ☼ op.	
26	29°380	29°173	42°	44°	40°	45°	217	251	81	85	S	2	SSW	4	10	7	°090	☉ ☼ a. Dull and gloomy.	
27	29°039	29°783	46°	50°	43°	50°	278	314	89	87	S	7	SW	7	10	10	°890	Clouds red a. Day dull and gloomy.	
28	29°026	29°144	41°	38°	35°	40°	198	187	77	81	W	5	NW	4	4	2	°200	☉ ☼ a. ☉ ☼ (gale) ☉ ☼ ² during day.	
29	29°382	29°492	30°	36°	28°	44°	167	177	100	83	Calm	0	E	2	1	9	—	☉ ☼ ga. ☉ ☼ p.	
30	29°520	29°491	36°	39°	30°	39°	168	189	77	77	E	4	E	4	3	0	—	☉ ☼ a. and p. Small ☉ ☼ op.	
31	29°458	29°469	41°	45°	38°	45°	215	266	84	89	SSE	5	S	8	10	10	°310		
Means	30°059	30°091	44°	45°	40°	48°	258	261	87°	85°	4°	3	4°	4	8°	7°	10°	340	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

ROTHESAY.

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

JANUARY 1882.

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°	44°	34°	47°	ins.	ins.	99	85	SE	WNW	—	—	ins.	Blow. U.
2	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
3	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull with showers.
4	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull with showers.
5	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Squally (fierce blasts).
6	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	(fierce gale) all day.
7	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	* (sleet) showers.
8	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
9	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
10	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
11	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
12	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
13	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
14	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
15	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
16	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
17	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
18	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
19	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
20	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
21	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
22	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
23	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
24	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
25	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
26	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
27	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
28	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
29	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
30	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
31	29°541	29°502	35°	44°	34°	47°	29°	29°	99	85	SE	WNW	—	—	29°	Dull and damp.
Means	30°136	30°164	42°	42°	38°	46°	251	254	91°	90°	—	—	—	—	4°566	

PINMORE.

Height above Mean Sea Level, 187 feet. Long. 4° 59' W. Lat. 55° 14' N.

JANUARY 1882.

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°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
2	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
3	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
4	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
5	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
6	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
7	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
8	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
9	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
10	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
11	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
12	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
13	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
14	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
15	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
16	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
17	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
18	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
19	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
20	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
21	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
22	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
23	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
24	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
25	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
26	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
27	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
28	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
29	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
30	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
31	29°584	29°579	35°	42°	35°	46°	29°	239	95	89	W	NW	—	—	130	
Means	30°173	30°202	41°	41°	38°	46°	237	237	90°	88°	—	—	—	—	3°840	

JANUARY 1882.

SCALEBY.

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

JANUARY 1882.

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°	42°	32°	45°	in.	in.	%	%						ins.		
2	29°534	29°596	42°	42°	32°	45°	257	240	90	88	SW	3	W	4	10	4	330	
3	433	28°974	44°	49°	41°	49°	254	343	88	95	SW	7	SW	10	10	10	270	
4	107	29°427	39°	35°	34°	49°	204	197	86	97	SW	2	N	2	5	8	100	
5	785	718	31°	38°	30°	47°	168	218	95	93	E	1	W	5	5	10	540	
6	324	625	47°	44°	37°	52°	335	222	98	75	SW	9	SW	5	10	10	370	
7	157	410	46°	39°	38°	47°	235	177	74	72	SW	10	W	9	8	7	020	
8	572	904	36°	40°	36°	41°	184	216	85	85	W	8	W	7	7	10	050	
9	867	29°784	43°	36°	33°	43°	235	217	84	99	SW	6	Calm	0	10	10	280	
10	29°892	30°085	39°	43°	35°	44°	312	228	90	82	SW	6	SW	7	8	10	—	
11	30°014	29°907	44°	45°	39°	45°	203	225	70	75	SW	7	SW	8	10	10	060	
12	026	30°186	44°	43°	43°	46°	295	272	99	96	Calm	0	SW	2	10	10	090	
13	268	285	45°	46°	42°	47°	284	271	94	85	SE	2	Calm	0	8	10	030	
14	253	286	46°	44°	43°	48°	271	230	85	77	S	7	SW	4	10	5	050	
15	362	427	43°	49°	41°	50°	245	305	88	85	S	3	SE	6	1	10	020	
16	567	629	44°	42°	41°	49°	267	252	90	94	SW	2	Calm	0	10	0	—	
17	753	801	41°	40°	39°	44°	232	239	90	94	S	1	SW	2	10	10	—	
18	844	859	40°	43°	39°	45°	231	245	92	88	SW	3	SW	2	10	10	—	
19	891	891	37°	42°	32°	43°	207	273	93	99	SE	2	Calm	0	10	10	010	
20	882	787	41°	41°	41°	44°	258	231	98	88	S	1	Calm	0	10	10	—	
21	660	612	39°	42°	39°	43°	205	212	85	77	SW	1	SW	3	10	10	—	
22	650	583	39°	42°	37°	44°	228	273	96	99	Calm	0	SW	2	10	10	—	
23	601	515	43°	41°	36°	44°	265	203	93	77	SW	4	SW	4	10	10	—	
24	433	464	44°	45°	40°	45°	243	251	82	83	SW	1	SW	3	10	10	020	
25	571	614	45°	44°	42°	49°	260	230	85	77	SW	4	SW	5	10	8	—	
26	631	625	43°	41°	40°	46°	228	203	82	77	SW	3	SW	2	10	10	—	
27	518	345	36°	36°	35°	42°	188	179	89	82	S	1	SE	4	10	10	—	
28	224	050	36°	40°	33°	46°	186	258	88	84	SW	4	SW	5	1	10	110	
29	061	189	40°	37°	37°	47°	237	196	96	87	SW	4	SW	1	10	0	—	
30	272	319	33°	36°	31°	38°	152	196	78	91	NE	3	NE	4	10	10	120	
31	447	540	36°	37°	34°	40°	166	215	78	95	NE	6	SE	2	1	2	—	
31	30°653	30°632	40°	39°	36°	41°	201	204	82	84	SE	4	S	4	5	10	020	
Means	30°201	30°228	41°	42°	37°	45°	230	233	88°	86°	3°	7	3°	5	8°	8°	2°	380

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

DOUGLAS, ISLE OF MAN.

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

JANUARY 1882.

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.	36.5	44.7	35.2	47.9	ins.	ins.	98	90	NNW 5	WSW 6	10	7	ins.	2 till 11 a. at night.
2	554	537	46.0	51.0	43.5	51.0	287	348	93	93	W 5	SW 6	7	10	100	2p. at night.
3	553	542	42.5	40.5	38.5	51.0	246	235	90	94	W 4	WNW 4	9	8	100	9.30 a. 5p.
4	509	597	39.0	43.0	37.0	43.5	218	277	92	100	W 1	S 6	4	10	957	1 a. 4p. Squally 2 a. and p. 9p.
5	420	644	50.2	44.3	42.8	51.1	358	258	99	88	WSW 7-8	WSW 5	10	5	1040	Squally (force 9 during day) a. and p. 9p.
6	286	535	46.7	40.0	39.7	52.8	230	196	73	79	W 8	WSW 8	4	1	—	Squally a. and p. 9p.
7	684	951	39.0	42.3	36.3	42.3	212	249	90	92	W 7	W 7	8	6	1006	Squally before 9a. 9p.
8	906	2918	45.0	40.8	40.6	45.6	277	246	93	97	SSW 6	Calm	10	7	558	Squally before 9a. 9p.
9	29994	30135	41.0	43.3	37.7	44.2	227	250	89	92	SW 4	W 7	8	0	—	Squally 9p.
10	30091	29946	44.7	46.2	42.4	46.4	251	285	86	92	WSW 4	WSW 5	8	2	1004	9p.
11	050	30165	45.7	47.0	45.0	50.0	301	323	98	100	W 2	S 2	9	10	1088	9p.
12	274	266	47.0	45.6	45.6	47.8	323	302	100	99	S 2	SE 3	10	5	1097	9p.
13	202	243	46.7	44.7	44.7	47.0	298	279	94	94	SSE 4	SSE 4	10	10	203	9p.
14	358	413	46.4	49.0	44.2	49.6	314	320	99	92	SE 3	SSE 4	10	10	1060	9p.
15	566	633	47.5	46.5	46.5	49.3	316	304	96	96	S 4	S 3	10	10	—	9p.
16	761	824	45.7	44.6	44.1	46.7	301	276	98	94	S 2	Calm	10	10	—	9p.
17	863	873	46.0	46.4	43.9	47.0	276	278	90	89	SW 3	WNW 2	10	10	—	9p.
18	921	921	39.4	39.7	35.0	52.2	232	244	96	100	Calm	Calm	2	0	—	9p.
19	889	800	37.0	41.4	31.0	45.0	216	226	98	88	Calm	Calm	10	10	—	9p.
20	675	637	42.5	44.0	40.4	44.0	239	250	88	86	SW 3	SW 2	10	2	1010	9p.
21	671	618	42.6	40.0	40.0	47.2	264	247	97	100	Calm	Calm	8	2	1018	9p.
22	546	491	44.0	43.7	39.6	47.3	263	258	91	90	WSW 2	SW 4	10	7	—	9p.
23	448	515	45.0	44.5	41.9	46.5	273	275	91	94	WSW 2	WSW 4	7	1	—	9p.
24	613	650	42.8	45.0	41.5	49.1	270	297	99	99	NW 1	WNW 3	4	7	—	9p.
25	653	632	42.8	41.4	41.4	45.0	251	224	92	87	WSW 2	S 3	10	10	—	9p.
26	462	319	40.8	41.8	39.4	42.2	241	240	96	91	SE 3	SSE 3	10	10	—	9p.
27	220	061	42.9	47.7	41.6	47.7	267	326	97	99	SE 5	SSW 6	10	10	1065	9p.
28	137	232	42.8	37.5	36.8	49.2	249	218	91	97	WSW 4	Calm	0	7	10	9p.
29	210	288	39.4	38.7	35.6	39.7	218	206	91	88	NE 5	NE 5	10	8	1069	9p.
30	429	468	40.6	41.3	37.9	41.4	214	247	86	96	E 7	E 6	10	10	—	9p.
31	30556	30624	41.5	41.7	41.0	42.0	259	249	98	94	SE 7-8	ESE 5	10	10	1077	9p.
Means	30225	30246	43.2	43.5	40.3	46.8	261	265	93.2	93.2	3.6	3.6	8.5	7.0	2.882	9p.

WAKEFIELD.

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

JANUARY 1882.

1	29.665	29.695	44.0	40.1	34.1	45.7	*243	*225	84	91	SE 2	SW 3	10	9	*180	☐ 0.55a. ☐ 1.30a. and 4.10a.
2	*508	*146	47.3	50.2	40.1	53.0	*250	*327	77	91	WSW 6	WSW 5	2	10	*430	
3	*076	*424	43.4	39.7	39.0	52.0	*231	*199	81	81	W 6	SW 3	5	4	*020	
4	*833	*847	37.1	40.1	36.3	41.6	*196	*199	88	80	SW 2	S 3	3	10	*030	Fine till 9.30a., then dull and gloomy.
5	*455	*658	50.8	46.0	39.0	53.8	*330	*239	88	78	SW 3	WNW 6	10	0	*100	Fine afternoon.
6	*316	29.577	53.2	40.1	39.6	54.0	*321	*206	79	83	SSW 8	W 6	10	10	*150	Rough and wild.
7	29.690	30.004	38.1	42.2	37.6	42.3	*186	*204	81	77	W 6	W 5	2	10	*070	Dull.
8	30.014	29.806	41.1	42.7	40.4	50.4	*218	*228	85	83	SSE 2	WNW 3	5	6	*110	☐ 6a. Dull. ☐ 5.20a. ☐ till 11.30a. Dull and gloomy.
9	*006	30.183	40.3	44.8	38.0	46.5	*219	*236	88	79	SW 2	SW 4	4	8	—	
10	*164	29.983	43.2	47.2	41.8	48.1	*229	*251	82	78	SW 5	SW 2	6	10	—	
11	*082	30.246	44.4	44.2	43.3	53.6	*252	*250	86	86	SSW 2	E 2	8	10	—	
12	*375	*371	37.1	46.2	36.3	48.7	*215	*289	97	93	ESE 1	ESE 2	10	10	—	
13	*387	*338	45.3	44.2	42.9	47.3	*272	*233	90	80	E 2	E 2	10	10	—	
14	*482	*516	41.1	45.0	40.2	46.2	*234	*275	91	92	S 1	E 3	6	8	*020	Dull.
15	*640	*701	40.9	40.7	37.0	45.8	*237	*227	93	80	S 2	SW 2	9	10	—	Dull.
16	*824	*842	35.1	36.1	33.6	41.9	*203	*210	99	99	S 2	S 2	10	10	*010	☐ all day.
17	*906	*896	36.1	42.2	28.4	44.1	*206	*238	97	89	W 3	W 2	7	0	—	Fine after 11a.
18	*886	*908	39.4	42.2	37.0	47.7	*230	*243	95	90	W 2	W 2	0	4	—	Fine.
19	*894	*804	40.9	40.1	39.0	42.2	*241	*221	95	89	WSW 1	SSE 1	8	10	—	Dull.
20	*721	*650	35.9	36.1	34.9	44.2	*175	*187	83	88	WSW 2	W 4	10	8	—	Dull.
21	*705	*651	40.1	41.1	35.0	43.9	*222	*234	89	91	SW 2	W 2	10	10	—	☐ 6.15p. ☐ and ☐ (sleet) during day.
22	*582	*535	41.3	43.8	40.8	46.9	*228	*226	88	78	W 2	SW 2	7	5	—	
23	*487	*558	38.1	43.8	35.4	44.9	*193	*226	84	78	W 2	W 2	6	2	—	
24	*647	*679	45.1	37.9	33.3	49.6	*221	*210	74	92	W 3	W 2	0	0	—	Fine.
25	*732	*682	34.1	38.1	28.9	43.7	*195	*181	99	79	SW 2	W 2	10	10	—	Dull and gloomy.
26	*549	*424	35.9	35.1	34.8	40.0	*193	*179	92	87	ESE 2	E 2	10	10	—	Dull and gloomy.
27	*324	*222	37.0	43.2	33.5	46.7	*200	*253	91	90	SW 2	SSW 2	6	2	*010	Fine.
28	*113	*247	44.2	43.2	33.6	50.5	*230	*232	79	83	WSW 2	WSW 2	10	10	*260	Dull.
29	*253	*181	36.8	35.2	32.9	45.2	*203	*197	93	96	E 1	NNE 3	10	10	1.540	☐ and ☐ (sleet) during day.
30	*442	*559	37.1	40.1	34.0	40.2	*199	*225	90	91	NNE 2	NE 2	10	10	*030	Dull.
31	30.670	30.731	38.9	39.1	38.2	40.8	*202	*180	86	76	E 2	SE 2	10	10	—	Dull.
Means	30.272	30.292	40.8	41.6	36.7	46.5	*225	*227	87.9	85.7	2.6	2.7	7.2	7.6	2.960	

JANUARY 1882.

LLANDUDNO.

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

JANUARY 1882.

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.	39°2	44°6	35°5	51°0	in.	in.	90	89	E	1	NW	1	10	10	ins.	☉ ✱ a. Fine p.
2	29°640	29°790	47°8	51°2	43°8	52°0	231	263	93	93	W	1	W	4	10	10	405	☉ 2 p.
3	168	415	44°0	40°2	40°0	51°8	243	244	84	98	W	3	W	2	8	8	090	Fine, but dull; wind very cold.
4	870	786	41°2	42°0	39°0	51°5	233	234	91	89	W	2	W	2	3	10	070	
5	538	735	51°2	45°5	41°0	52°2	244	266	92	88	W	3	W	2	10	2	220	☉ a. Fine p.
6	429	29°653	46°8	42°2	41°8	55°2	260	213	81	81	W	2	W	3	3	0	010	Fine.
7	808	30°059	40°2	42°8	38°5	43°5	190	253	77	92	W	3	W	2	4	10	030	Very fine.
8	29°987	29°867	45°5	43°5	42°8	52°0	225	267	75	94	W	4	W	1	10	10	130	Fine a. ☉ p. 11 a.—3 p.
9	30°068	30°236	41°8	44°2	40°0	46°5	227	263	86	91	W	2	W	1	8	1	—	Very fine, but windy.
10	199	052	44°6	46°8	42°5	49°0	238	205	80	95	W	2	W	3	7	10	160	Stormy, with ☉ showers.
11	080	177	46°0	48°1	44°0	52°0	255	304	83	91	W	2	W	1	8	3	—	Very fine and mild.
12	284	281	46°8	47°5	44°0	51°0	279	292	88	90	WSW	1	WSW	1	9	3	060	Very fine and mild.
13	234	287	47°2	44°2	43°5	52°0	273	237	85	82	SW	1	SW	2	7	5	—	Very fine and mild.
14	394	424	48°3	54°0	43°0	55°5	311	307	92	73	SW	1	SW	1	6	10	—	Very fine and mild.
15	593	066	46°9	45°8	43°5	55°0	280	267	88	87	SW	2	SW	1	8	0	—	Very fine and mild.
16	788	831	41°5	41°0	38°2	51°2	233	246	90	96	E	1	E	1	10	0	—	Dull with ☉☉☉

HILLINGTON, NORFOLK.

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

JANUARY 1882.

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°	33°	33°	40°	ins.	ins.	90	97	SW 1	SW 1	8	5	ins.	from 9p.
2	29°805	29°791	40°	33°	33°	40°	236	188	90	97	SW 1	SW 1	8	5	189	
3	29°649	29°577	44°	30°	33°	40°	253	227	86	91	SW 3	SW 7	10	10	100	
4	29°138	29°430	45°	36°	35°	41°	244	200	81	95	SW 5	SW 1	9	9	100	
5	29°831	29°949	32°	33°	32°	40°	171	179	93	96	W 0.5	SW 1	0	10	111	— a. and p. Day very fine and sunny.
6	29°578	29°743	46°	33°	33°	41°	209	238	96	80	WSW 4	WNW 3	10	3	100	Overcast all day. U p.
7	29°545	29°666	49°	39°	39°	52°	236	189	96	77	WSW 5	SW 5	10	10	101	
8	29°738	29°054	37°	36°	36°	41°	197	169	89	79	WSW 3	WSW 5	0	0	—	Very fine and sunny.
9	29°813	29°813	38°	36°	36°	41°	197	169	89	79	WSW 3	WSW 5	0	0	—	Wind S. at 3p.
10	29°019	29°239	37°	39°	37°	48°	214	210	97	87	SW 3	SW 4	10	3	100	Very fine and sunny. D p.
11	29°264	29°046	37°	45°	37°	45°	206	271	91	91	SW 3	SW 6	10	9	100	— a.
12	29°116	29°270	42°	41°	41°	48°	272	249	99	96	SW 2	SW 0.5	8	10	100	— a. and p. Very fine a. Cloudy p.
13	29°403	29°433	39°	46°	39°	48°	242	304	100	98	S 0.5	S 0.5	10	10	100	— a.
14	29°439	29°407	44°	41°	41°	47°	259	237	89	91	SE 1	S 1	10	10	100	— (mist) a.
15	29°613	29°615	39°	38°	37°	41°	222	214	91	93	SSW 0.5	SW 1	10	10	100	Overcast all day.
16	29°702	29°740	37°	40°	36°	40°	206	242	93	98	S 1	S 1	10	10	100	Overcast all day.
17	29°797	29°872	39°	36°	36°	40°	226	209	94	99	SSW 1	SW 1	10	10	100	Overcast all day. (mist) p.
18	29°904	29°856	34°	37°	37°	38°	199	213	99	96	SW 0.5	SW 0.5	10	10	100	— a. and p.
19	29°930	29°878	34°	34°	32°	37°	191	196	98	98	SW 0.5	W 0.5	10	10	100	— a. and p.
20	29°900	29°833	31°	36°	30°	30°	177	212	99	99	W 0.5	W 0.5	10	10	100	— a. and p.
21	29°805	29°725	37°	33°	32°	39°	223	180	99	96	SW 0.5	SW 2	10	10	100	— (mist) a. and p.
22	29°689	29°669	30°	38°	38°	39°	150	222	88	96	SW 2	SW 1	10	10	100	— (mist) a. and p.
23	29°622	29°530	38°	39°	36°	43°	219	228	94	93	SSW 1	WSW 1	10	10	100	Overcast all day.
24	29°542	29°572	37°	35°	32°	43°	214	185	95	88	SW 1	SSW 1	10	10	100	— (mist) a. Day fine and sunny.
25	29°674	29°707	33°	33°	32°	48°	179	181	92	96	S 1	SSW 0.5	10	0	100	Very fine day. — p. — 7p.
26	29°737	29°672	33°	36°	36°	45°	180	200	95	93	S 1	SW 1	10	8	100	— (mist) early a. — ga. Very fine.
27	29°618	29°556	31°	30°	29°	37°	157	152	91	92	S 0.5	S 1	10	10	100	— (mist) early a. — ga. Overcast [day.]
28	29°398	29°323	35°	40°	29°	41°	201	244	98	98	S 0.5	S 0.5	10	6	100	— (mist) early a. — ga. Overcast [day.]
29	29°215	29°264	45°	42°	38°	48°	271	271	91	100	S 4	SW 1	9	10	100	— 0 nearly all day. 2 at night.
30	29°250	29°084	38°	42°	37°	44°	231	263	98	97	ESE 3	E 2	10	10	100	
31	29°305	29°507	41°	40°	39°	43°	244	225	94	91	E 3	E 3	10	10	100	
Means	30°324	30°333	38°	38°	34°	44°	220	222	93°	93°	1°	2°	9°	8°	1°	7°

UPPINGHAM.

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

JANUARY 1882.

1	29°776	29°804	42°0	34°5	33°7	44°9	*247	*186	93	93	Shy W 4	SW 2	10	10	*132	(force 6) 11a. 1p.—4p. U
2	*634	*347	43°9	49°5	34°0	49°7	*266	*325	93	92	WSW 7	swb.s 10	8	10	*179	Cir. in patches, lines crossing ga. Dull [day.] 2 op.
3	*166	*478	42°6	34°3	34°3	49°9	*235	*186	87	94	Wb.N 5	NW 2	2	1	—	Bar. 29°144 8.40a. Bright till 3p.
4	*849	*939	34°2	34°5	32°6	40°6	*188	*188	95	94	W 1	WSW 1	1	10	*042	— a. Bright a. overcast p. n.
5	*572	*752	47°2	42°8	34°1	50°5	*320	*247	99	90	SW 4	W by S 4	10	8	—	2 3a. Gloomy a. U 2 op. 11p.
6	*521	*291	50°1	39°4	39°4	51°7	*328	*205	91	85	swb.s 8	SW 4	10	0	*010	— a. 2 (force 10 in squalls) p.
7	29°780	30°092	36°9	37°8	35°1	40°8	*191	*196	88	87	WSW 3	swb.w 4	0	0	—	Bright all day, with in valleys.
8	30°144	29°847	36°9	45°3	34°1	47°8	*213	*294	97	97	Shy W 3	Wby N 2	9	10	*530	— and very cold a. Squally [Much warmer p.] 2.
9	*059	30°273	37°5	36°7	36°2	45°8	*214	*200	95	92	Wb.N 2	W 3	1	3	—	— a. Clear and bright, but cold p.
10	*254	*073	37°0	43°9	35°2	45°3	*218	*282	99	98	SW 3	SW 4	9	4	*031	Dull a. and p.
11	*131	*264	41°7	44°9	40°9	49°1	*248	*291	94	98	Wby S 2	SW 1	8	10	—	10a., then bright. Dull p. (mist) op.
12	*390	*416	38°1	45°3	36°5	45°6	*229	*300	100	99	S 1	SSE 2	9	10	—	— till 4p. ∞ op.
13	*421	*410	41°5	39°2	39°2	45°8	*228	*226	98	94	SSW 2	SSW 3	10	10	—	Gloomy a. Low all day.
14	*520	*597	38°8	38°4	38°2	40°4	*226	*226	96	98	SSW 1	SW 4	10	0	—	∞ ga. and op. Dull all day. Colder p.
15	*694	*734	38°0	38°3	36°5	39°8	*218	*221	96	96	S 1	SSW 1	10	10	—	Overcast all day. 2 op.
16	*836	*881	40°5	38°9	37°8	43°0	*239	*225	95	95	SW 1	SW 2	10	10	—	Dull a. and p. with (mist).
17	*924	*919	35°2	35°0	34°4	39°3	*206	*204	100	100	W 1	swb.w 2	10	10	*011	— all day.
18	*946	*940	31°0	30°3	30°1	38°5	*174	*164	100	97	Wby S 2	WNW 1	10	0	—	— 2 a. — p.
19	*915	*847	31°6	38°2	26°7	40°5	*176	*226	99	98	WNW 2	SW 1	10	10	*012	— a. Gloomy p. 6p. ∞
20	*763	*723	34°5	30°1	30°1	38°5	*176	*159	87	96	SSW 1	Why N 2	10	10	—	Dull, gloomy, and cold all day. [9p.]
21	*721	*691	32°0	39°0	29°7	41°5	*153	*216	84	91	Wby N 2	NW 1	0	10	—	— a. Much cir.-s. (mist) p. Warmer [9p.]
22	*629	*559	37°9	40°1	37°4	43°0	*209	*210	92	85	W 1	WNW 1	9	10	—	Overcast all day.
23	*558	*587	36°2	37°9	35°6	43°3	*202	*193	94	85	WSW 1	Why N 2	9	10	—	Cloudless from noon till sunset.
24	*690	*730	35°3	38°3	34°6	46°2	*197	*213	96	93	W 2	W 2	7	0	—	Bright from noon, but with low ∞.
25	*740	*686	35°9	35°3	35°2	45°4	*192	*192	91	93	SW 1	SW 1	1	9	—	Red dawn. Bright ga.—2p., but with [∞. (mist) p.]
26	*585	*481	31°1	29°8	28°3	35°6	*160	*149	91	90	S by E 1	S by W 2	10	10	—	Very gloomy 7a. Overcast all day. [∞. (mist) p.]
27	*375	*317	36°2	41°3	29°2	43°0	*214	*256	100	98	S by E 1	swb.s 2	10	10	—	— 2 till noon. Clearer p.
28	*173	*271	46°2	40°3	39°5	49°3	*290	*236	93	95	swb.s 6	Calm 0	10	10	*489	0 all a. Wind soon fell. 2 all p.
29	*220	*032	37°8	42°9	36°9	43°1	*226	*274	100	99	ENE 1	ESE 1	10	10	*214	— 0, deep gloom a. 2 noon—
30	*319	*505	39°0	38°1	37°9	42°9	*236	*223	99	97	NEB.N 2	SE 3	10	10	*010	Gloomy all day. [5p. (mist) later.]
31	30°648	30°722	37°0	36°2	36°2	38°9	*208	*195	95	91	ESE 2	SE 1	10	10	—	Gloomy all day.
Mean	30°321	30°342	38°2	38°6	34°8	43°9	*221	*223	94°7	93°9	2°4	2°3	7°8	7°6	1°660	

JANUARY 1882.

CHURCHSTOKE.

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

JANUARY 1882.

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.	44° 8'	41° 3'	34° 1'	46° 2'	in.	in.	%	%	SW	5	W	1	8	9	ins.	Squally ga. Day stormy and dull.
2	29° 683	29° 821	44° 8'	41° 3'	34° 1'	46° 2'	253	225	85	88	SW	5	W	1	8	9	—	
3	29° 677	29° 791	48° 2'	51° 0'	40° 1'	51° 3'	288	335	86	90	W	5	SW	8	7	10	500	2 2
4	29° 244	29° 530	41° 2'	36° 9'	35° 1'	51° 6'	231	199	90	91	WSW	6	NW	2	8	9	1041	—
5	29° 900	29° 873	33° 9'	39° 8'	31° 6'	44° 0'	176	223	90	92	W	0° 5'	SW	4	1	10	180	— a.
6	29° 595	29° 794	49° 9'	40° 1'	39° 1'	51° 9'	223	221	91	89	W	3	W	1	10	6	1005	Dull and warm.
7	29° 491	29° 750	51° 0'	39° 6'	38° 2'	52° 3'	325	179	87	73	W	7	WNW	3	10	0	181	Squally a.
8	29° 815	29° 140	36° 9'	41° 6'	33° 8'	42° 2'	168	180	77	70	WNW	4	WNW	5	1	5	1006	—
9	29° 081	29° 882	41° 8'	41° 8'	39° 8'	49° 2'	215	249	82	95	WSW	2	WSW	3	5	10	596	Squally a. p.
10	29° 122	29° 311	37° 0'	42° 9'	35° 2'	44° 9'	202	221	92	81	SW	1	NW	1	1	9	1002	—
11	29° 239	29° 067	41° 8'	47° 2'	35° 1'	48° 2'	226	294	86	91	SW	3	N	4	9	4	—	Dull.
12	29° 135	29° 283	40° 1'	41° 8'	38° 8'	49° 1'	227	254	92	96	NW	1	W	1	2	2	—	Bright, with cold wind.
13	29° 351	29° 356	39° 0'	46° 8'	37° 5'	49° 2'	221	275	94	86	E	1	SSW	4	5	8	—	—
14	29° 282	29° 335	42° 9'	40° 3'	39° 6'	47° 2'	238	221	87	89	SSE	5	SE	4	2	2	—	Dull and cold. Squally all day.
15	29° 460	29° 557	41° 9'	44° 0'	39° 6'	45° 1'	248	281	94	98	ESE	2	ESE	1	10	10	—	Dull, with ∞.
16	29° 651	29° 713	39° 8'	39° 1'	38° 2'	44° 7'	238	234	98	98	SSE	2	SSE	2	10	1	—	Cold, with ∞ ² . Thrush heard.
17	29° 817	29° 883	33° 5'	35° 0'	31° 8'	41° 0'	189	196	99	96	SSW	1	Calm	0	10	1	—	∞ ² (mist) a. p.
18	29° 939	29° 942	37° 8'	33° 5'	29° 4'	45° 9'	218	198	97	99	Calm	0	S	1	10	10	—	∞. a. p.
19	29° 974	29° 929	32° 1'	38° 2'	27° 4'	47° 0'	168	213	93	92	Calm	0	Calm	0	10	10	—	a. Warm, with p.
20	29° 908	29° 848	38° 3'	35° 0'	34° 4'	40° 3'	224	184	97	90	Calm	0	Calm	0	10	10	—	Dull, with ∞.
21	29° 774	29° 716	29° 6'	33° 8'	28° 9'	35° 4'	152	176	93	90	SSW	0° 5'	SSE	1	10	9	—	∞ on hills. Dull.
22	29° 755	29° 705	32° 2'	38° 8'	28° 5'	47° 1'	175	225	97	96	E	1	SW	1	5	8	—	—
23	29° 617	29° 598	37° 1'	33° 1'	29° 6'	47° 2'	205	180	93	96	W	5	Calm	0	8	10	—	Dull.
24	29° 572	29° 618	37° 3'	39° 0'	37° 5'	43° 3'	195	200	88	85	Calm	0	Calm	0	10	8	—	Dull.
25	29° 716	29° 750	34° 4'	35° 9'	31° 4'	48° 9'	188	190	95	91	NE	1	NE	1	4	10	—	a. Clear and bright.
26	29° 747	29° 753	31° 9'	35° 0'	25° 1'	37° 8'	180	168	100	81	SE	1	Calm	0	10	10	—	a. (mist) a. and p. Dull and
27	29° 569	29° 418	32° 9'	32° 1'	30° 8'	35° 9'	155	176	83	98	SE	1	SE	1	10	10	—	(mist) a. and p. Raw, cold, and
28	29° 334	29° 225	36° 9'	44° 8'	31° 4'	47° 1'	219	254	100	95	ENE	2	SW	4	8	5	1000	Dull and raw. Milder p.
29	29° 199	29° 442	37° 1'	36° 2'	40° 6'	269	205	207	92	94	SW	2	SW	1	10	10	930	(mist). Dull and threatening.
30	29° 055	29° 143	39° 1'	35° 9'	31° 8'	44° 9'	233	193	98	92	SE	2	NW	2	10	10	560	2 2 ga. and before. during day.
31	29° 403	29° 406	36° 9'	38° 8'	34° 5'	40° 0'	201	218	92	93	NE	1	NE	3	10	10	—	Raw, with (mist).
Means	30° 335	30° 343	38° 8'	39° 3'	34° 1'	45° 4'	218	218	91° 5'	90° 0'	2° 2'	2° 0'	7° 2'	7° 6'	3° 061	—	Cold, with ∞.	

CHELTENHAM.

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

JANUARY 1882.

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°	41°	31°	48°	in.	in.	%	%	S	3	SW	1	10	Dull with showers.
2	29°753	29°862	45°	41°	31°	48°	261	221	87	80	SW	3	SW	3	6	all day.
3	29°744	29°889	48°	41°	31°	51°	298	342	90	90	SW	3	SW	3	1	Bright day.
4	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Beautiful day. (mist) op.
5	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Very bright day.
6	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	a. Fine p.
7	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Beautiful day.
8	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	showers.
9	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Dull a. Bright p.
10	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Dull a. Bright p.
11	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Beautiful spring-like day.
12	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Dull day.
13	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Fine.
14	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Dull day.
15	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Dull day.
16	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Dull day.
17	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Dull day. op.
18	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	all day. Very calm. Bar. 30°984
19	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	a. Dull and gloomy day.
20	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Dull and gloomy.
21	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Bright and beautiful day.
22	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Fine.
23	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Very beautiful day.
24	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Dull.
25	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Very dull and cold.
26	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Very fine. at night.
27	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	11 a.—4 p.
28	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	a. Fine from 1 p.
29	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Dull day.
30	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	Dull and gloomy all day.
31	29°753	29°818	44°	38°	27°	51°	218	193	75	84	W	2	SW	1	3	
Means	30°333	30°359	40°7	40°8	35°4	45°7	230	231	89°3	89°3	1°3	0°9	7°6	6°7	2°120	

CARMARTHEN.

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

JANUARY 1882.

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°669	29°867	47°	37°	36°	47°	318	219	98	98	SW	5	W	1	10	Squally op.
2	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	11 a.
3	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
4	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
5	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
6	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
7	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
8	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
9	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
10	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
11	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
12	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
13	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
14	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
15	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
16	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
17	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
18	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
19	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
20	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
21	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
22	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
23	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
24	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
25	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
26	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
27	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
28	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
29	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
30	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
31	29°702	29°861	49°	50°	36°	51°	348	362	100	98	SW	4	SW	7	10	
Means	30°316	30°331	41°8	41°4	36°9	46°8	254	246	94°2	93°2	1°7	1°2	8°3	8°5	5°470	

JANUARY 1882.

MARLBOROUGH.

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

JANUARY 1882.

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.	%	%	SW	1	Calm	0	10	ins.
2	29°814	29°901	43°9	35°0	34°1	46°0	264	286	92	91	SW	1	Calm	0	10	270
3	29°817	29°906	43°9	49°3	33°0	49°3	279	335	98	96	SW	1	SW	3	10	350
4	29°900	29°955	41°6	34°3	33°5	50°0	249	285	95	94	Calm	0	Calm	0	2	—
5	29°930	29°900	31°8	37°7	30°4	43°1	170	212	95	94	Calm	0	S	1	0	270
6	29°712	29°845	48°8	45°7	37°4	50°1	327	293	95	96	SW	1	Calm	0	10	200
7	29°686	29°820	49°8	41°0	41°0	51°1	325	219	91	86	SW	3	Calm	0	10	210
8	29°904	30°229	37°2	36°8	35°3	43°0	200	189	90	87	NW	1	Calm	0	0	010
9	30°232	29°944	39°9	49°2	36°9	49°2	215	304	88	88	SW	1	S	3	8	480
10	29°151	30°375	37°2	37°1	35°4	49°6	218	207	98	94	Calm	0	Calm	0	0	2
11	29°356	29°158	40°1	47°3	35°7	47°4	212	313	85	97	Calm	0	Calm	0	9	010
12	29°178	29°282	46°3	45°2	45°0	51°4	302	297	97	99	Calm	0	Calm	0	9	0
13	29°369	29°407	46°9	45°7	44°8	48°4	317	303	99	99	Calm	0	Calm	0	10	10
14	29°392	29°410	41°3	40°3	39°7	46°8	240	225	93	91	S	1	SW	1	8	10
15	29°540	29°623	40°5	38°4	38°1	42°9	233	214	93	93	Calm	0	Calm	0	10	10
16	29°671	29°734	37°9	40°4	37°1	41°6	210	231	92	93	Calm	0	Calm	0	10	10
17	29°827	29°902	42°3	40°0	40°0	44°0	268	232	99	94	Calm	0	Calm	0	10	10
18	29°951	29°965	31°8	31°8	31°3	40°2	179	179	100	100	Calm	0	Calm	0	10	10
19	29°983	29°963	31°2	31°2	28°5	35°5	144	131	82	74	Calm	0	Calm	0	10	0
20	29°927	29°870	31°6	33°7	27°4	35°7	158	191	90	99	Calm	0	Calm	0	10	010
21	29°774	29°749	36°3	35°2	33°1	36°8	199	187	91	91	Calm	0	Calm	0	10	10
22	29°772	29°726	32°5	35°0	30°1	44°0	164	193	92	95	Calm	0	Calm	0	10	10
23	29°659	29°590	34°5	37°8	30°9	45°7	188	207	95	90	Calm	0	Calm	0	10	10
24	29°578	29°651	36°3	29°1	29°1	39°5	193	160	91	100	Calm	0	Calm	0	10	0
25	29°735	29°780	32°9	29°7	26°2	41°1	162	152	87	93	Calm	0	Calm	0	10	0
26	29°757	29°695	30°9	35°0	24°4	35°7	162	180	95	88	Calm	0	Calm	0	10	10
27	29°587	29°448	30°9	36°6	30°2	36°6	168	207	98	96	Calm	0	S	1	10	010
28	29°374	29°382	40°0	42°8	36°1	47°0	248	271	98	99	SSE	1	S	1	10	10
29	29°285	29°260	46°4	46°7	42°4	50°9	298	285	95	90	SSW	2	SW	2	10	10
30	29°151	29°048	43°6	39°8	39°4	47°8	261	234	92	96	S	1	S	1	10	10
31	29°315	29°470	39°8	40°7	38°3	41°8	240	220	99	87	Calm	0	ESE	1	10	10
Means	30°631	30°700	35°2	36°8	36°2	40°7	203	184	88	85	SE	1	SE	1	10	10
Means	30°366	30°385	35°9	36°9	34°9	44°3	226	223	93·3	92·7	0·5		0·5		8·6	6·7

STRATHFIELD TURGISS.

Height above Mean Sea Level, 195 feet. Long. 1° 0' W. Lat. 51° 20' N.

JANUARY 1882.

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°	36°	35°	47°	in.	in.	%	%	S	3	SW	2	8	9	ins.
2	29°852	29°883	43°5	36°4	35°5	47°7	247	197	87	92	S	3	SW	2	8	9	180
3	29°816	29°850	45°4	30°2	34°7	50°7	263	234	87	93	W	3-4	SW	4-5	8	10	438
4	29°829	29°858	45°0	30°6	35°5	51°4	231	186	77	86	W	3	NW	1	6	0	—
5	29°822	29°868	34°9	37°1	32°1	43°1	174	199	85	90	NW	1	SW	2	0	10	172
6	29°867	29°867	49°2	45°6	36°0	52°4	331	289	96	95	SW	2	W	2	10	0	017
7	29°834	29°834	50°3	42°7	41°9	53°2	333	228	89	83	SW	3-4	W	3	10	0	018
8	29°905	29°937	38°3	36°2	35°9	46°4	201	181	87	85	W	2	NW	2	2	0	—
9	29°980	29°980	40°2	49°3	34°1	50°0	208	311	84	89	SE	2-3	SW	4-5	7	10	391
10	29°939	29°939	36°7	36°9	35°7	50°8	206	201	95	92	NW	2	NW	2	0	0	—
11	29°974	29°974	35°2	43°0	32°1	49°1	191	268	93	97	SW	1	SW	1	8	10	031
12	29°920	29°920	46°7	47°3	40°5	52°5	302	313	95	97	SW	2	SW	1	9	10	—
13	29°933	29°933	44°5	46°5	38°7	49°8	284	293	97	94	S	1	SW	1	10	10	—
14	29°933	29°933	42°6	41°1	40°0	49°1	255	224	93	87	S	3	SE	2	6	10	—
15	29°934	29°934	40°2	40°1	39°0	42°8	216	221	87	89	S	2	S	1	10	10	—
16	29°902	29°902	38°7	41°9	36°8	44°0	211	246	90	93	S	0-1	Calm	0	9	10	010
17	29°907	29°907	42°8	39°4	39°0	44°0	253	225	92	94	S	1	SW	1	10	10	—
18	29°938	29°938	32°8	33°3	31°5	39°4	176	184	94	97	SW	1	W	1	10	10	—
19	29°967	29°967	32°4	32°5	30°4	35°4	182	178	99	97	NW	1	NW	1	10	10	—
20	29°997	29°997	33°3	36°1	31°6	36°4	165	205	87	97	NW	1-0	SW	1	10	10	020
21	29°950	29°950	37°7	36°0	35°0	39°1	210	189	93	90	S	1	SW	1	10	10	—
22	29°948	29°948	34°2	33°0	31°2	43°9	174	177	88	95	N	1-0	NE	1	10	10	—
23	29°960	29°960	36°3	34°2	32°8	43°3	199	184	94	94	Calm	0	N	1	10	0	—
24	29°944	29°944	32°7	31°0	28°7	37°9	170	163	92	94	N	1	N	1	10	0	—
25	29°936	29°936	33°1	28°1	26°3	40°7	157	145	84	94	N	0-1	Calm	0	5	0	—
26	29°964	29°964	33°9	33°9	33°9	35°9	156	184	95	94	Calm	0	SE	2	10	10	—
27	29°908	29°908	45°7	32°1	35°8	30°5	166	199	91	96	SE	1	SE	3	10	10	—
28	29°900	29°900	38°5	42°2	45°0	35°2	251	273	93	91	S	2	SW	1	8	4	—
29	29°910	29°910	46°6	48°6	44°5	51°6	281	307	90	90	SW	2	SW	3-4	10	10	—
30	29°967	29°967	44°4	41°0	40°0	49°3	254	238	87	93	S	2	SW	1	10	10	135
31	29°903	29°903	46°6	42°5	38°8	49°9	252	220	93	84	N	2	E	2	10	10	—
31	30°634	30°706	39°2	38°8	38°0	43°6	202	196	84	83	NE	2	NE	2	10	9	—
Means	30°377	30°395	39°5	39°3	35°0	45°4	222	224	90°3	91°8	1°6		1°7	8°3	7°2	1°412	

SOUTHAMPTON.

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

JANUARY 1882.

1	29°862	29°914	45°	37°	37°	48°	276	209	92	92	SW	3	WNW	3	10	9	190	3p.-4.30p. Large U 9p.
2	29°879	29°879	47°	50°	36°	50°	285	350	88	97	SW	4	SW	6°	10	10	658	(force 7) after 7p.
3	29°838	29°874	46°	37°	37°	50°	253	211	80	94	WNW	3	W	2	9	0	—	(force 8) in past n. D p.
4	29°848	29°905	35°	42°	33°	45°	190	228	85	92	NW	2	SW	2	0	10	205	a. from 11p.
5	29°860	29°876	50°	49°	41°	52°	355	324	98	93	SW	2°	WNW	3	10	1	020	—
6	29°865	29°871	51°	44°	44°	52°	350	254	93	86	SW	4°	WSW	2°	10	2	062	—
7	29°961	29°961	40°	39°	38°	45°	222	198	89	82	NW	2°	SW	2°	10	0	028	ga.
8	29°964	29°964	43°	50°	39°	50°	251	326	90	90	SW	2°	SW	6°	4	10	330	from 11a.
9	29°958	29°991	39°	37°	37°	51°	232	201	96	91	W	1°	NW	1	0	0	003	(force 7) n. 2 till 5.30a. [on grass p.
10	29°982	29°982	35°	48°	32°	49°	204	341	98	99	Calm	0	SW	3	10	10	096	a. from 5p.
11	29°908	29°908	48°	48°	47°	52°	333	327	97	95	SW	2	SW	2°	10	10	068	ga.
12	29°905	29°905	48°	47°	46°	49°	333	317	99	98	SE	1	SE	2°	10	10	017	a.
13	29°942	29°942	42°	42°	41°	47°	261	242	96	89	SE	3°	SE	2°	10	10	—	Overcast all day.
14	29°939	29°939	42°	41°	40°	43°	243	235	91	92	SE	2	S	2	10	10	—	Overcast all day.
15	29°967	29°967	40°	42°	39°	43°	236	257	93	94	SE	1	E	2	10	10	—	ga.
16	29°833	29°879	44°	39°	38°	48°	280	235	97	98	ESE	1	E	2	10	10	—	—
17	29°933	29°936	35°	33°	32°	40°	202	187	96	98	ESE	1	N	2	10	10	—	D on grass a. and p. 2 p.
18	29°974	29°974	38°	33°	31°	34°	158	186	100	99	NNE	1°	NNE	2	10	10	—	ga. 2 p.
19	29°910	29°910	30°	35°	28°	35°	173	203	100	99	E	1	Calm	0	10	10	—	D on grass a. Overcast all day.
20	29°963	29°963	38°	38°	34°	41°	224	217	96	92	NE	1	NW	0°	10	10	—	—
21	29°978	29°978	33°	31°	31°	34°	171	169	91	95	Calm	0	Calm	0	10	0	—	—
22	29°949	29°949	35°	39°	30°	42°	198	212	97	87	NE	1	SE	1	10	10	—	—
23	29°900	29°900	31°	35°	28°	40°	171	197	97	96	NE	0°	Calm	0	10	10	—	—
24	29°941	29°941	30°	31°	27°	41°	165	174	98	99	Calm	0	Calm	0	9	0	—	—
25	29°946	29°946	33°	37°	28°	38°	191	198	98	89	NNE	1	SE	2	10	10	—	a. and p.
26	29°980	29°980	33°	40°	32°	41°	179	245	94	96	E	1°	SE	3	10	10	—	—
27	29°982	29°982	44°	46°	40°	49°	282	310	97	97	SSE	3	SW	3	10	10	—	D on grass at night.
28	29°935	29°935	47°	48°	45°	51°	312	333	94	95	SW	4	SW	4°	10	6	—	D on grass at night.
29	29°980	29°980	45°	42°	42°	49°	288	242	93	89	SSE	3	SW	4	10	10	128	D on grass a.
30	29°905	29°905	41°	42°	40°	44°	256	247	92	92	N	1	ENE	1°	10	10	—	—
31	29°916	29°916	40°	39°	38°	43°	230	217	91	91	E	3	NE	3	10	10	—	—
Means	30°383	30°395	40°	41°	36°	45°	242	245	94°	93°	1°	2°	9°	7°	1°	785	—	—

ST. LEONARDS.

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

JANUARY 1882.

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°	43°	47°	in.	in.	%	%	SW	3	WSW	2	8	10	ins. 142	☁ a. Squally with ☀ p.	
2	29°914	29°860	45°	47°	37°	48°	283	280	93	94	SW	3	WSW	2	8	10	256	☀ Overcast all day, with ☀ from 11a.	
3	2875	655	46°	47°	38°	48°	258	317	82	97	WSW	5	SW	7	9	10	—	☀ (gale) in past n. ☀ ☀ 2 n.	
4	323	29°549	47°	38°	38°	49°	287	211	89	92	WSW	4	W	2	10	1	—	☀ a. Fine day. ☀ n.	
5	906	30°061	35°	40°	32°	44°	186	213	91	85	WNW	2	W	1	0	1	125	☀ Squally ☀ (gale) in past n. Overcast	
6	812	29°871	45°	48°	40°	50°	303	330	99	97	SW	6	WSW	3	10	2	041	☀ (gale) in past n. ☀ [day.	
7	785	29°858	48°	46°	45°	50°	337	280	99	89	SW	5	W	4	10	9	070	—	
8	29°903	30°247	41°	38°	37°	47°	220	183	84	79	WNW	3	WNW	3	1	0	—	Fine and sunny.	
9	30°301	046	44°	46°	38°	48°	257	299	89	94	WSW	3	SW	7	7	10	191	☀ (gale) at night.	
10	087	373	40°	38°	38°	48°	231	205	92	87	NW	2	NW	1	1	0	—	☀ (ga'e) in past n. ☀ p.	
11	402	234	39°	45°	36°	47°	232	283	95	94	W	1	SW	5	8	10	021	☀ a. Overcast day.	
12	230	339	46°	47°	45°	48°	211	321	98	97	WSW	2	WSW	1	10	10	029	☀ Overcast all day with ☀.	
13	447	483	46°	46°	45°	48°	317	303	99	96	SE	1	Calm	0	10	10	010	☀ early a. ☀ all day with fro- quent ☀.	
14	471	466	44°	40°	40°	47°	271	220	92	87	SSE	3	SSE	3	10	10	—	☀ Overcast, except from 11a.—1p.	
15	586	654	40°	39°	37°	41°	214	214	86	88	SSE	2	SSE	3	10	10	—	☀ Overcast and gloomy all day.	
16	714	773	43°	42°	37°	44°	245	253	86	93	S	2	SE	2	10	10	—	☀ Overcast and gloomy all day.	
17	873	917	39°	37°	37°	43°	237	213	96	96	ESE	2	E	1	10	10	—	☀ Overcast and gloomy all day.	
18	950	959	35°	32°	32°	38°	193	179	93	98	Calm	0	Calm	0	10	10	—	☀ Overcast and gloomy all day. ☀ p.	
19	974	956	29°	23°	28°	32°	165	162	100	100	Calm	0	NW	1	10	10	011	☀ Overcast, with ☀ all day. ☀ [30°990, 10.30a.	
20	927	843	33°	40°	29°	41°	192	235	99	94	N	1	NNE	2	10	10	—	☀ a. Overcast all day.	
21	761	718	40°	38°	38°	41°	213	198	85	85	ENE	1	NNW	2	10	10	—	☀ Overcast all day.	
22	758	718	33°	36°	33°	39°	167	188	88	88	NNW	3	NE	2	9	0	—	☀ in afternoon. ☀ n.	
23	645	586	40°	38°	35°	43°	204	200	82	87	E	2	E	1	10	0	—	☀	
24	533	637	37°	35°	34°	40°	187	187	85	90	E	2	E	1	8	4	—	☀ early a. ☀ ga. ☀ n.	
25	783	772	36°	36°	34°	42°	167	196	77	91	NNW	2	NW	1	6	0	—	☀ a. and p. ☀ n.	
26	755	689	36°	34°	34°	39°	195	169	90	85	NE	1	SSE	2	10	10	—	☀ Overcast, with ☀ all day.	
27	610	494	33°	39°	31°	40°	170	237	90	96	SSE	2	S	2	10	10	—	☀ Overcast, with ☀ all day.	
28	420	446	43°	46°	39°	48°	266	302	93	95	SSE	2	WSW	3	2	9	—	☀	
29	405	347	45°	47°	43°	47°	288	288	94	89	SW	4	WSW	4	10	4	—	☀ p.	
30	263	118	46°	45°	44°	48°	274	243	87	80	S	4	SW	4	10	10	160	☀	
31	280	455	40°	42°	37°	46°	245	245	96	91	W	1	NE	2	9	10	—	☀ Overcast all day.	
Means	30°625	30°696	39°	39°	39°	43°	206	209	86	86	E	3	E	3	10	10	—	☀ Overcast all day.	
Means	30°397	30°414	40°	41°	37°	44°	236	238	90°	91°	2°	4	2°	4	8°	7°	1°	056	☀

ST. AUBIN'S, JERSEY.

Height above Mean Sea Level, 139 feet. Long. 2° 10' W. Lat. 49° 11' N.
JANUARY 1882.

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°	44°	39°	48°	255	265	99	92	S 1	Calm	10	9	ins.	tilt Noon. Day gloomy.
2	29°56	29°59	48°	48°	38°	49°	276	315	83	94	W by S 4	SW 5	7	10	530	Squally a. and p. Overcast p. Bar. falling fast from 5 p.
3	29°49	29°56	48°	44°	43°	51°	304	213	92	73	W 4	Calm	10	4	040	Squally a. Very clear at night.
4	30°03	30°12	46°	46°	39°	51°	228	257	72	83	NW 1	SW 3	4	9	200	Extremely fine and bright. Mild. D p.
5	29°09	29°18	49°	51°	43°	51°	322	371	93	99	SW 5	W 2	10	10	068	Squally a. and p. Day sunless and gloomy.
6	29°06	29°18	50°	49°	48°	53°	329	321	89	92	WSW 3	W 3	10	8	260	Extremely mild.
7	30°10	30°18	47°	45°	42°	50°	243	243	76	80	NW 2	W 2	4	3	032	
8	41°	41°	46°	46°	43°	49°	265	268	84	86	WSW 4	WSW 5	7	9	085	
9	47°	47°	42°	41°	41°	53°	298	220	93	86	N 2	Calm	9	2	002	☉ n. Day very fine and bright
10	464	464	46°	47°	41°	48°	258	298	83	93	SW 3	SW 2	10	10	—	
11	308	375	47°	48°	46°	51°	313	331	97	98	SW 2	Calm	10	10	—	Overcast day. Mild and damp.
12	450	459	47°	45°	44°	49°	302	279	93	92	Calm	SE 2	10	10	—	Day sunless. D p.
13	424	481	41°	40°	38°	45°	230	215	89	87	SE 3	SSE 2	10	10	—	Day sunless. Much colder.
14	569	645	42°	39°	39°	42°	241	225	91	92	SSE 3	SSE 2	10	10	—	Day sunless.
15	704	766	42°	44°	39°	44°	245	265	91	92	S by E 2	SE 2	10	10	—	Day sunless.
16	844	886	42°	41°	41°	46°	257	251	94	95	SE 2	E 1	9	0	002	Very fine from 11 a. D p.
17	944	952	35°	33°	33°	42°	203	194	98	100	ESE 3	ESE 1	10	10	—	☉ n. and a. D a. ☉ from 10 a.
18	974	951	36°	40°	32°	40°	211	245	98	99	ENE 1	NE 2	10	10	—	☉ Overcast. Bar. 30°990 11 a.
19	904	824	40°	37°	34°	40°	223	204	90	92	E 2	NE 3	10	10	—	[coldest since Jan. 25, 1881.
20	753	742	31°	31°	31°	37°	173	165	96	93	E 3	E 1	10	10	—	Gloomiest day since Jan. 14, 1880, and
21	757	722	38°	37°	29°	39°	208	193	91	85	ENE 2	ENE 3	10	10	—	Sunless and gloomy.
22	635	579	36°	34°	34°	38°	185	180	86	90	NE 4	ENE 3	10	10	—	Sunless and gloomy.
23	587	647	34°	34°	31°	35°	176	169	89	83	E by N 2	E by N 3	10	10	—	Very gloomy.
24	743	762	35°	32°	32°	37°	179	163	87	89	E 3	E by N 3	10	10	—	Overcast a. and p. Mid-day fine and
25	747	685	31°	31°	29°	32°	174	180	98	100	E 1	ENE 3	10	10	—	☉ p. Cold and damp. Lowest [solar max. yet recorded here, (34°3).]
26	581	488	32°	37°	29°	38°	182	226	100	100	ESE 3	SSE 2	10	10	—	☉ a. ☉ at times a. and p. Much [milder.
27	446	501	43°	44°	36°	50°	270	292	98	100	S 1	S by W 3	4	10	—	Day cloudy. ☉ ☉ p. ☉ p.
28	460	417	46°	45°	43°	49°	308	294	98	97	S 1	S 2	9	7	—	☉ a. ☉ at times p. [rising.
29	276	279	44°	44°	43°	50°	273	232	92	80	SSW 1	WNW 3	9	3	010	Very gloomy. Wind backing, bar.
30	350	430	42°	43°	40°	45°	239	260	90	91	Calm	E 2	10	10	072	Squally a. Cold searching wind all [day.
31	30°55	30°62	41°	40°	38°	43°	212	189	82	76	E 4	E 4	9	5	—	
Means	30°44	30°43	42°	41°	38°	45°	245	244	90°7	90°6	2°3	2°2	9°1	8°4	1°554	

Earth temperature—Mean of 10 readings (every third day), 1 foot 41°·3, 3 feet 42°·1, 6 feet 49°·6.

LONDONDERRY.

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

JANUARY 1882.

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°610	29°565	36°	42°	33°	48°	188	238	87	87	S 2	WSW 4	4	10	060	
2	504	28°019	44°	48°	39°	50°	258	279	88	81	W 3	WSW 3	3	10	340	
3	143	29°562	38°	38°	34°	49°	215	200	92	85	W 3	Calm	9	8	300	☉ all day.
4	799	444	37°	44°	34°	—	205	272	91	92	Calm	0	10	10	390	☉ from Noon.
5	333	570	51°	43°	40°	—	342	234	90	84	SW 3	S 1	10	10	290	Fine day. ☉ 7.30 p.
6	068	478	43°	36°	31°	—	196	188	69	87	SW 7	SW 5	6	5	460	☉ a. Squally ☉ and ☉ all day.
7	666	907	37°	39°	31°	—	178	215	80	90	W 4	W 2	10	1	370	Squally a. ☉ and ☉ (sleet) [during day.
8	794	29°820	40°	38°	35°	—	227	210	90	92	SW 2	SW 2	10	10	040	
9	943	30°125	40°	41°	37°	—	214	226	86	88	SSW 2	Calm	2	0	060	
10	935	29°878	44°	45°	37°	—	239	279	81	92	SW 4	SW 2	10	10	090	
11	29°997	30°057	46°	48°	42°	—	291	310	93	91	SW 3	SW 3	10	0	—	Fine day.
12	30°155	130	49°	48°	42°	—	326	297	92	88	S 3	W 2	10	0	—	Overcast day.
13	049	066	48°	48°	45°	—	301	289	88	86	SSW 2	S 2	10	9	010	
14	127	184	49°	53°	42°	—	315	349	88	85	S 3	S 4	9	10	—	Overcast day.
15	357	452	50°	50°	48°	—	324	310	87	83	S 4	SW 3	10	9	—	Overcast day.
16	629	727	49°	47°	45°	—	288	284	81	89	SW 2	Calm	9	0	—	Fine and clear.
17	805	829	43°	47°	41°	—	267	285	96	87	Calm	0	5	10	—	Overcast day.
18	885	910	48°	42°	39°	—	293	253	88	94	SW 1	W 1	10	0	—	Overcast day.
19	822	752	41°	43°	37°	—	242	245	92	85	SW 2	SW 2	10	10	—	Overcast day.
20	615	596	40°	43°	38°	—	205	276	81	96	S 3	S 3	2	9	010	Overcast day. ☉ 6 p.—9 p.
21	661	558	40°	45°	36°	—	241	266	95	89	SSE 1	SW 1	5	9	—	Fine and clear.
22	438	404	44°	45°	41°	—	228	245	78	80	WSW 2	SSW 4	6	7	—	Overcast day.
23	393	441	47°	48°	43°	—	282	310	88	93	SW 2	S 3	10	10	—	Overcast day.
24	541	567	47°	48°	42°	—	272	281	84	84	SW 2	S 3	10	9	—	Overcast day.
25	598	576	43°	37°	35°	—	228	185	80	81	SW 2	S 2	9	1	—	Overcast day.
26	373	30°182	41°	43°	35°	—	226	247	86	86	SE 2	SW 3	10	10	—	Overcast day.
27	057	29°018	44°	45°	41°	—	255	262	86	86	SE 3	S 2	8	10	310	
28	100	30°256	38°	33°	33°	—	204	186	89	90	SW 2	S 1	10	5	060	☉ 9 p.
29	320	446	32°	35°	28°	—	167	187	92	88	E 1	E 1	6	9	—	Fine and clear, but cold.
30	440	409	37°	40°	32°	—	203	213	91	85	NE 1	E 2	10	10	130	Overcast and cold.
31	30°367	30°464	43°	47°	38°	—	263	284	93	89	S 3	W 3	10	10	120	☉ 9 a.—Noon. ☉ (mist) p.
Means	30°146	30°167	43°	44°	38°	—	248	255	87°5	87°5	2°4	2°2	8°4	7°1	3°010	

MARKREE CASTLE, SLIGO.

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

JANUARY 1882.

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°	42°	32°	46°	ins.	ins.	91	88	Calm	0	SW	3	2	10	ins.	
2	29°53	29°618	45°	47°	40°	51°	258	276	86	86	Calm	0	WSW	4	10	10	040	
3	579	602	40°	40°	37°	47°	208	190	84	76	WNW	3	NW	4	10	3	166	
4	845	496	37°	49°	33°	49°	195	334	88	96	WNW	2	WNW	2	10	10	212	
5	438	605	51°	42°	40°	52°	347	228	92	85	NW	3	S	2	10	10	219	
6	253	560	41°	37°	35°	51°	194	201	75	91	WSW	5	WSW	2	4	8	068	
7	781	990	36°	39°	33°	44°	182	222	83	92	WNW	3	W	1	10	3	098	
8	29°762	29°850	40°	37°	36°	43°	231	217	93	97	SW	2	SW	1	10	2	142	
9	30°027	30°172	39°	41°	35°	45°	207	220	85	85	WSW	2	WSW	2	8	10	008	
10	29°962	29°913	44°	45°	38°	46°	251	271	86	90	SW	4	SW	2	9	10	161	
11	29°987	30°026	44°	49°	43°	50°	285	326	98	93	S	1	SE	3	10	10	021	
12	30°123	078	49°	48°	46°	51°	324	331	93	96	SE	4	SE	3	10	10	—	
13	29°984	035	47°	47°	46°	53°	307	312	93	96	SSE	4	SE	3	10	10	—	
14	30°060	130	51°	53°	43°	55°	350	340	93	81	S	5	SE	5	10	10	—	
15	348	476	53°	52°	49°	54°	355	325	88	86	SE	3	SE	2	10	10	—	
16	630	723	47°	45°	44°	52°	297	265	92	88	S	2	SE	2	10	10	—	
17	808	844	39°	46°	37°	50°	235	281	98	89	Calm	0	SSE	2	6	10	—	
18	890	904	45°	34°	33°	51°	269	196	89	100	Calm	0	Calm	0	10	0	—	
19	847	743	40°	42°	33°	45°	231	251	93	93	Calm	0	SE	2	10	10	—	
20	604	617	40°	44°	39°	45°	216	274	87	95	SE	2	Calm	0	6	10	—	
21	657	552	36°	46°	31°	47°	211	303	99	96	Calm	0	S	2	10	10	012	
22	474	430	43°	43°	41°	48°	244	258	87	92	SW	3	SSW	3	10	10	008	
23	428	480	43°	48°	39°	52°	269	296	95	89	Calm	0	Calm	0	10	8	—	
24	588	600	45°	46°	41°	50°	259	288	86	93	Calm	0	Calm	0	10	8	—	
25	604	525	40°	40°	36°	46°	205	211	82	85	Calm	0	SE	2	5	10	Overcast day.	
26	333	30°148	40°	44°	39°	47°	228	260	91	89	S	2	SE	3	10	10	—	
27	036	29°930	43°	43°	41°	50°	257	273	91	95	S	4	Calm	0	10	10	345	
28	127	30°250	36°	35°	34°	44°	198	193	93	94	Calm	0	Calm	0	10	10	025	
29	289	402	31°	30°	28°	43°	151	157	86	92	Calm	0	Calm	0	3	0	005	
30	358	290	38°	41°	28°	43°	185	232	80	88	ENE	3	E	5	10	10	024	
31	30°301	30°432	45°	47°	41°	51°	284	286	94	89	SE	5	SE	4	10	10	—	
Means	30°160	30°176	42°	43°	38°	48°	246	260	89°	90°	2°	0	2°	1	8°	8°	1°554	Overcast day.

BIRR CASTLE, PARSONSTOWN.

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

JANUARY 1882.

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°0	33°0	33°0	34°7	in.	in.	92	88	Calm	0	0	10	ins.	
2	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
3	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
4	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
5	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
6	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
7	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
8	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
9	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
10	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
11	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
12	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
13	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
14	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
15	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
16	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
17	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
18	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
19	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
20	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
21	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
22	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
23	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
24	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
25	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
26	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
27	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
28	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
29	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
30	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
31	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	
Means	29°724	29°752	34°0	33°0	33°0	34°7	282	245	92	88	W	1	0	10	190	

KILLARNEY.

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

JANUARY 1882.

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°813	29°834	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	065	✱ (1 inch deep) early a. Squally p.
2	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	439	☉ (gale) p. [☉ p.
3	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	195	☉ p. ✱
4	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	255	☉ p. ✱
5	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	450	Squally a. ☉ p.
6	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	115	Squally a. ☉ a. and p.
7	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	600	☉ p. ☉ Rough squally day. ☉ p.
8	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	270	Squally (gale) ☉ a. ☉ p.
9	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	Sunny a. ☉ 2.30p. ☉ p.
10	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	☉ before ga. Sunny at times.
11	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	235	☉ from ga. ☉ p.
12	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	140	Dull, with ☉.
13	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	495	☉ a. ☉ p.
14	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	265	Squally ☉ all day. Gloomy.
15	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	Squally ga. ☉ p.
16	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	☉ p.
17	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	Sunny.
18	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	Dull, with ☉ a. Overcast all day.
19	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	Dull day. ☉ p.
20	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	Sunny a.
21	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	Sunny day.
22	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	Dull a.
23	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	Fine and mild.
24	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	Fine and mild. Sunny till 3p.
25	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	☉
26	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	☉
27	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	☉
28	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	☉
29	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	☉
30	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	☉
31	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	☉
Means	29°797	29°813	32°5	31°3	31°3	32°6	181	268	98	88	WNW 1	W 5	2	10	—	

DUNROBIN CASTLE.

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

FEBRUARY 1882.

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°4	40°9	40°4	40°5	in.	in.	100	97	S	W	—	—	ins.	
2	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	S	W	—	—	—	Fine and mild.
3	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	SW	SE	—	—	—	Fine and mild.
4	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	S	SE	—	—	—	Fine and mild.
5	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	W	N	—	—	0°0	Fine and mild.
6	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	N	SW	—	—	—	Dull.
7	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	S	W	—	—	—	Fine and mild. Dull p.
8	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	W	NE	—	—	—	Fine and calm. Dull p.
9	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	N	SW	—	—	—	Dull and calm. Mild p.
10	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	N	N	—	—	—	Fine and calm.
11	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	W	W	—	—	—	Fine and calm.
12	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	W	W	—	—	—	Dull and mild.
13	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	SW	W	—	—	0°50	Dull and mild. Clear p.
14	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	W	W	—	—	4°00	Cold and clear a. Dull p.
15	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	W	W	—	—	3°40	☉ a.
16	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	W	W	—	—	1°50	Dull. ☉ showers.
17	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	S	W	—	—	1°00	☉ showers.
18	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	SE	W	—	—	6°00	☉ Thaw.
19	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	SW	W	—	—	1°20	☉ showers. Dull.
20	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	NW	W	—	—	2°30	☉ ☉ showers.
21	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	SW	W	—	—	0°60	☉ ☉ showers a. Clear p.
22	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	SW	SW	—	—	0°30	Dull. ☉ showers.
23	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	NW	NW	—	—	—	Fine and mild.
24	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	W	W	—	—	—	Fine. Gusty wind.
25	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	SW	W	—	—	—	Fine and mild.
26	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	SW	W	—	—	—	Fine and mild.
27	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	W	SE	—	—	1°50	Fine a. Dull p.
28	30°417	30°260	40°4	40°9	40°4	40°5	251	247	100	97	SE	NE	—	—	1°70	☉ a. and p. Fair mid-day.
Means	29°907	29°934	43°3	41°6	37°2	48°2	252	238	89°0	89°2	—	—	—	—	2°510	☉ showers. Cold and windy.

LAUDALE.

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

FEBRUARY 1882.

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.	44°	43°	40°	45°	in.	in.	84	84	WSW	7	10	9	ins.	Dull and gloomy.
2	30°474	30°324	44°	43°	40°	45°	244	234	84	84	WSW	4	10	10	—	Dull and gloomy, with ∞ (mist).
3	30°334	30°319	44°	43°	40°	45°	246	246	87	86	WSW	2	10	10	—	Dull and gloomy, with ∞ (mist).
4	30°265	30°305	44°	43°	40°	45°	243	275	82	86	SW	2	10	10	—	Dull and gloomy.
5	30°345	30°397	45°	43°	38°	48°	247	231	87	96	Calm	0	10	0	—	∞ p.
6	30°475	30°527	41°	40°	37°	46°	247	228	94	92	E	1	10	9	—	Dull and gloomy.
7	30°519	30°475	42°	41°	38°	46°	247	247	92	94	E	1	10	10	—	Dull and gloomy.
8	30°351	30°213	41°	42°	38°	45°	228	217	88	79	SE	1	10	3	—	Dull and gloomy.
9	30°029	29°878	42°	40°	40°	49°	229	321	86	92	SSE	7	10	10	—	Dull and gloomy.
10	29°739	29°808	40°	43°	42°	51°	319	271	92	96	SW	3	10	4	—	Yellow clouds to W., sky green 4.30p.
11	30°635	30°499	40°	42°	42°	50°	299	291	94	91	SSE	3	10	10	—	∞ (mist) a.
12	30°671	30°475	44°	42°	41°	48°	228	247	78	92	SW	3	9	10	1°210	∞ (mist) a. and p.
13	30°163	30°553	50°	41°	38°	52°	285	233	80	91	SW	8	9	8	3°80	∞ 2 n. Δ a. ∇ 2 9.40a. * 9p.
14	30°729	30°669	40°	40°	36°	45°	186	212	74	84	WNW	7	8	1	3°70	* a. Wind backed WNW. to S. 5p.
15	30°734	30°124	34°	36°	33°	45°	186	192	94	90	WNW	1	7	0	3°880	* Δ a. and p. ∞ to W. 9p.
16	30°850	30°901	48°	45°	36°	48°	309	241	93	81	WNW	8	10	10	4°40	(suddenly) at 5a. and continued all day.
17	30°981	30°931	42°	50°	41°	51°	248	318	90	87	WNW	4	9	8	3°60	Rough from 6p.
18	30°605	30°240	47°	39°	37°	51°	237	199	74	84	WSW	9	8	7	3°080	∞ 2 n., a., and till 4p. ∞ (mist)
19	30°578	30°662	45°	43°	35°	47°	251	240	84	85	WNW	2	9	10	3°60	∞ on hills 9a.
20	30°527	30°541	49°	49°	42°	50°	308	322	89	93	WSW	8	10	8	3°550	∞ (mist) a.
21	30°646	30°671	50°	46°	45°	50°	331	289	91	92	W	1	10	10	3°100	∞ all day.
22	30°519	30°338	46°	47°	44°	48°	272	269	88	84	SW	4	10	9	3°110	Dark and gloomy. Grey ∞ to W. and [SW. Moon "swimming."
23	30°237	30°181	47°	45°	44°	47°	260	252	81	82	WSW	4	9	5	3°080	Grey ∞ ∞ a. Small \cup .
24	30°079	29°745	44°	47°	44°	48°	244	256	84	79	S	4	10	4	3°180	∞ (mist) ∞ all day.
25	30°312	29°932	48°	50°	45°	52°	313	336	91	93	S	3	10	10	3°070	∞ (mist) a. Wind changed suddenly [to ENE. 5.40p. * 9p.
26	29°787	28°891	51°	42°	41°	51°	326	223	87	84	SW	3	10	10	3°120	* before 9a. Grey ∞ all round [horizon 9a.
27	29°202	29°481	37°	36°	36°	42°	174	201	76	92	E	3	9	1	—	* 7a.—11a., 1 inch deep 11a.
28	29°458	29°226	32°	38°	31°	38°	177	190	97	83	E	6	10	8	3°040	
Means	29°978	29°986	44°	43°	40°	48°	258	254	86°7	87°9	3°9	3°8	9°3	7°0	8°600	

DUNDEE.

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

FEBRUARY 1882.

1	30°566	30°428	37°4	34°5	34°2	40°8	*223	*182	100	91	SW	1	SW	1	10	10	—	Dull.
2	*299	*463	40°4	36°5	34°2	44°8	*213	*200	85	93	SW	2	W	1	10	7	—	Cloudy.
3	*395	*337	39°4	43°4	36°2	44°8	*224	*241	93	85	SW	1	SW	2	10	5	—	Cloudy.
4	*310	*327	42°4	43°4	41°3	46°7	*231	*262	86	93	W	1	W	1	10	7	—	Fine.
5	*352	*391	37°4	39°4	37°4	44°8	*223	*224	100	93	W	1	W	1	10	7	—	Fine.
6	*485	*558	37°4	40°4	35°2	44°8	*206	*232	92	93	SW	1	SW	1	10	10	—	~~~~~
7	*535	*499	37°4	38°4	35°2	40°8	*206	*232	92	100	SW	1	W	1	10	10	—	~~~~~
8	*427	30°288	38°4	39°4	36°2	41°8	*214	*205	93	85	NW	1	SW	1	10	10	—	~~~~~
9	30°210	29°989	35°5	39°4	31°2	39°8	*191	*224	92	93	E	1	W	1	10	10	°050	Dull. ~~~~~
10	29°854	*845	46°4	45°4	39°4	46°7	*271	*283	87	94	SW	2	SW	1	10	10	°200	● n. ● showers till 3p. then steady
11	*748	*618	44°4	44°4	43°3	47°7	*272	*272	93	93	SW	1	SW	1	10	10	—	● till 8a. [● till 9p.
12	*661	*604	44°4	42°4	41°3	47°7	*250	*231	86	86	W	1	SW	8	10	7	*500	Fine.
13	*225	*599	47°4	40°4	40°3	48°7	*282	*213	87	85	SW	12	W	10	10	7	*250	↗ ² (violent gale) ● n. and till 11a.
14	*729	29°687	35°5	39°4	34°2	41°8	*191	*224	92	93	SW	8	SW	8	5	10	*150	[(gale) ● showers during day.
15	*706	30°148	34°5	32°5	32°2	40°8	*163	*166	81	90	NW	6	NW	1	7	10	—	* ● showers n. and during day.
16	*796	29°783	39°4	40°4	32°2	50°7	*224	*194	93	78	W	1	W	8	10	7	—	[(stormy).
17	*887	29°902	41°4	47°4	39°3	48°7	*203	*282	79	87	W	1	W	6	5	10	—	↗ (gale) from 10a. ↗ ² (violent gale)
18	29°554	30°077	48°4	45°4	45°3	53°7	*250	*260	74	87	W	12	W	12	5	0	—	Dull from 2p. [1p.—5p.
19	30°433	*598	42°4	42°4	35°2	47°7	*195	*212	72	79	W	1	W	1	0	10	—	↗ ² (violent gale) from 7a.
20	*487	*459	44°4	48°4	41°3	51°7	*272	*291	93	86	SW	1	W	1	10	10	—	Fine. ☙
21	*578	*604	48°4	48°4	46°3	56°7	*250	*291	74	86	W	1	W	1	5	5	—	Fine.
22	*417	*259	45°4	44°4	41°3	51°7	*240	*230	80	79	NW	2	NW	1	5	5	—	Fine.
23	*190	30°125	46°4	43°4	41°3	51°7	*250	*241	80	85	W	1	W	2	10	10	—	Fine.
24	30°000	29°809	42°4	44°4	36°2	46°7	*231	*250	86	86	W	1	SW	2	10	10	—	Dull.
25	29°446	29°014	45°4	48°4	42°3	51°7	*283	*315	94	93	SW	1	SW	2	10	10	*200	
26	28°849	28°906	47°4	38°4	38°3	49°7	*303	*214	93	93	SW	1	NW	8	10	10	*250	● showers n. and during day.
27	29°210	29°519	36°4	32°3	32°2	39°8	*164	*145	76	78	NE	6	NE	1	10	10	—	Dull.
28	29°597	29°350	35°5	36°4	32°2	36°9	*139	*200	66	93	SE	2	SE	8	10	10	*250	* (sleet) showers from 10p.
Means	29°998	30°007	41°5	41°4	37°7	46°4	*227	*233	86°4	88°5	2°5		3°3	8°6	8°5	1°850		

ROTHESAY.

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

FEBRUARY 1882.

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°	40°	38°	42°	in.	in.	84	84	SSE	8	—	—	ins.	Dull and blowy, with ∞ .
2	30°565	30°393	41°	40°	38°	42°	243	249	94	97	SW	1	—	—	—	
3	30°322	30°459	43°	40°	36°	48°	263	212	93	100	S	1	—	—	—	
4	30°412	30°336	41°	44°	35°	47°	254	275	97	93	S	1	—	—	—	
5	30°330	30°372	43°	40°	39°	48°	258	247	93	99	Calm	0	—	—	—	
6	30°390	30°437	40°	42°	36°	46°	251	267	99	99	Calm	0	—	—	—	∞ a. Fine later.
7	30°502	30°549	39°	40°	36°	45°	239	248	99	100	NW	1	—	—	—	Dull a. ∞ Fine later.
8	30°549	30°496	39°	41°	37°	43°	242	256	99	99	Calm	0	—	—	—	Dull and mild, with ∞ .
9	30°390	30°253	40°	40°	38°	44°	228	183	91	72	SE	1	—	—	—	Cloudy and raw.
10	30°153	29°959	40°	46°	38°	46°	225	316	90	99	SE	1	—	—	—	Dull.
11	29°828	29°834	47°	45°	43°	48°	323	300	100	100	S	1	—	—	—	Dull.
12	30°697	30°563	40°	43°	43°	46°	313	275	100	97	SSE	1	—	—	—	Dull, with ∞ .
13	30°724	30°612	42°	44°	40°	48°	253	258	93	89	WSW	1	—	—	—	
14	30°297	30°639	47°	42°	40°	52°	302	238	93	89	SW	1	—	—	—	∞ a. Fair p.
15	30°830	30°765	38°	42°	35°	46°	200	247	87	90	W	1	—	—	—	Dull and blowy.
16	30°778	30°159	36°	32°	31°	43°	195	178	92	97	W	1	—	—	—	
17	30°944	30°977	47°	43°	31°	47°	321	237	97	85	WSW	1	—	—	—	∞ a. Fair p.
18	30°979	30°020	44°	47°	40°	49°	276	321	95	98	WNW	1	—	—	—	(gale) with ∞ showers.
19	30°704	30°241	46°	37°	35°	48°	285	183	90	83	W	1	—	—	—	∞

SCALEBY (NEAR CARLISLE).

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

FEBRUARY 1882.

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° 8'	30° 3'	29° 0'	41° 0'	in.	in.	88	91	N	3	Calm	0	ins.	
2	383	531	34° 3'	38° 8'	29° 0'	39° 0'	166	214	84	91	SE	2	Calm	0	0.10	
3	456	425	40° 3'	38° 8'	37° 0'	40° 5'	237	224	96	96	SW	1	Calm	0	—	
4	385	397	38° 8'	41° 8'	36° 8'	44° 0'	214	221	91	84	Calm	0	SW	1	2	5
5	388	435	40° 8'	42° 8'	38° 5'	46° 0'	241	262	96	96	Calm	0	Calm	0	10	10
6	480	538	41° 8'	37° 8'	36° 5'	46° 3'	258	205	98	91	Calm	0	Calm	0	10	2
7	568	501	38° 3'	40° 8'	36° 4'	46° 0'	219	203	95	80	Calm	0	Calm	0	10	10
8	420	318	38° 8'	38° 8'	35° 0'	45° 5'	186	196	79	83	Calm	0	SW	4	10	10
9	30° 191	30° 121	39° 8'	45° 8'	34° 0'	46° 0'	204	260	84	85	SE	5	SW	5	10	10
10	29° 949	29° 897	43° 6'	47° 3'	43° 0'	48° 0'	241	243	85	75	SE	5	SW	6	10	10
11	772	649	43° 8'	45° 8'	42° 5'	52° 8'	212	260	73	85	S	4	SW	3	4	1
12	760	782	45° 3'	43° 3'	39° 8'	50° 0'	276	267	92	96	SW	3	SW	4	10	1
13	425	740	51° 3'	44° 8'	40° 0'	53° 8'	336	260	89	89	SW	9	SW	8	10	8
14	916	29° 854	41° 3'	40° 8'	38° 2'	47° 0'	188	221	74	88	SW	6	SW	7	3	10
15	29° 781	30° 171	38° 8'	37° 3'	31° 0'	47° 8'	204	211	87	95	SW	2	E	2	10	3
16	30° 101	29° 988	43° 8'	43° 8'	29° 0'	47° 0'	272	217	96	75	SW	5	SW	6	10	4
17	29° 981	30° 098	45° 0'	48° 3'	42° 5'	49° 0'	292	298	98	89	SW	5	SW	7	10	10
18	29° 795	214	48° 8'	38° 8'	36° 2'	50° 0'	280	162	81	69	SW	10	SW	4	10	0
19	30° 543	740	38° 8'	40° 8'	38° 2'	50° 5'	192	231	82	92	SW	4	SW	4	1	10
20	655	562	43° 0'	46° 8'	40° 3'	47° 5'	244	294	88	92	SW	6	W	3	10	10
21	632	557	44° 6'	47° 8'	44° 0'	58° 0'	263	305	89	92	SW	1	SW	2	4	10
22	542	395	45° 3'	44° 8'	43° 2'	50° 0'	265	236	88	79	W	2	SW	4	10	10
23	300	30° 212	43° 8'	42° 3'	42° 0'	47° 0'	239	236	84	88	SW	3	SW	3	10	10
24	30° 072	29° 927	40° 2'	45° 8'	38° 0'	47° 0'	218	243	88	79	Calm	0	SW	3	10	10
25	29° 466	29° 106	49° 0'	50° 8'	41° 0'	53° 5'	302	336	87	91	SW	7	SW	3	10	10
26	28° 943	28° 858	50° 8'	46° 8'	46° 8'	53° 5'	305	318	82	99	SW	7	Calm	0	8	10
27	29° 198	29° 425	39° 8'	38° 3'	37° 0'	47° 8'	199	153	82	66	NE	4	E	4	10	10
28	29° 546	29° 195	34° 3'	38° 8'	33° 0'	42° 0'	167	224	84	96	E	3	E	6	10	10
Means	30° 082	30° 076	42° 1'	42° 5'	37° 8'	47° 7'	235	238	87° 1'	86° 9'	3° 5'	3° 2'	8° 6'	7° 6'	2° 560	

SCARBOROUGH.

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

FEBRUARY 1882.

1	30° 710	30° 569	34° 6'	35° 6'	33° 5'	38° 3'	*181	*193	90	93	SSW	2	SSE	2	3	9	—		
2	*465	*516	30° 0'	30° 0'	38° 8'	29° 3'	38° 8'	*151	*208	90	89	WSW	1	WSW	1	4	10	—	
3	*533	*495	40° 7'	39° 7'	36° 3'	42° 1'	*227	*204	89	84	WSW	1	S	1	10	7	—	ga.	
4	*439	*409	35° 6'	40° 9'	32° 0'	41° 3'	*204	*234	99	92	SSW	1	WSW	2	10	0	—	pa.	
5	*408	*417	40° 7'	42° 2'	36° 5'	45° 3'	*223	*240	88	89	WSW	2	WSW	1	10	10	—		
6	*497	*558	43° 6'	42° 7'	40° 5'	46° 1'	*257	*252	90	92	W	1	Calm	0	9	10	—	ga.—gp.	
7	*575	*526	39° 7'	41° 2'	39° 5'	42° 7'	*216	*250	88	97	SW	1	WSW	1	10	10	—	all day.	
8	*477	*388	39° 1'	38° 7'	38° 7'	43° 3'	*228	*218	96	92	SW	2	SSW	1	8	10	—	ga.	
9	*341	*224	36° 1'	40° 7'	35° 5'	40° 7'	*190	*247	90	97	S	3	S	1	10	10	—	(mist) pa.	
10	30° 117	30° 035	36° 9'	42° 7'	36° 0'	44° 3'	*209	*225	97	82	SSW	5	SSW	3	10	5	—	ga.	
11	29° 912	29° 767	38° 9'	44° 7'	37° 3'	47° 3'	*207	*249	88	84	SSW	1	SSW	3	7	2	—		
12	*838	*920	44° 7'	42° 7'	41° 7'	50° 8'	*270	*224	91	82	SW	1	SW	2	7	0	—		
13	*643	*759	47° 6'	47° 7'	40° 5'	53° 8'	*277	*238	85	73	SW	6	WSW	6	10	0	—	● (force 8 at times.)	
14	*963	29° 977	45° 7'	42° 7'	39° 2'	47° 8'	*196	*189	65	69	WSW	4	SW	4	0	1	—	●	
15	29° 780	30° 155	40° 8'	35° 1'	34° 5'	47° 3'	*210	*192	83	94	WNW	1	NNW	1	10	10	—	ga. ● ▲ ² (rather large and	
16	30° 099	29° 945	38° 2'	47° 6'	32° 3'	50° 3'	*204	*241	89	73	SW	5	WSW	2	10	1	—	[hard], followed by small ✕ ⁰ sp.	
17	29° 995	30° 088	47° 6'	49° 0'	44° 3'	53° 5'	*277	*306	85	89	NW	2	WSW	3	7	8	—		
18	29° 935	*069	49° 1'	39° 7'	39° 7'	52° 5'	*281	*174	81	70	W	4	W	5	10	0	—		
19	30° 459	*673	42° 2'	41° 7'	37° 3'	48° 8'	*160	*216	61	83	NW	5	W	3	6	0	—		
20	*652	*494	43° 3'	49° 5'	38° 5'	51° 5'	*219	*283	78	81	WSW	2	W	4	3	6	—	*010	
21	*565	*666	49° 6'	45° 2'	45° 0'	51° 8'	*275	*267	78	89	NNW	1	W	1	10	3	—		
22	*538	*394	45° 3'	44° 7'	39° 5'	55° 3'	*268	*225	89	76	W	2	WNW	2	4	8	—		
23	*319	*250	45° 7'	42° 9'	40° 6'	50° 3'	*241	*224	80	81	WSW	2	W	2	5	10	—		
24	30° 135	30° 018	39° 7'	42° 5'	39° 0'	46° 2'	*216	*224	88	83	SW	1	SW	2	10	9	—	*010	
25	29° 707	29° 250	45° 2'	52° 1'	41° 6'	53° 0'	*287	*365	96	93	S	5	SW	6	10	10	—	*050	
26	*049	28° 875	52° 3'	47° 9'	44° 7'	54° 8'	*346	*324	88	98	SSW	2	WSW	2	10	10	—	*670	
27	*094	29° 445	40° 8'	40° 7'	40° 5'	48° 2'	*246	*166	97	65	NNE	5	ENE	3	10	10	—	*050	
28	29° 603	29° 296	38° 0'	40° 7'	37° 0'	40° 8'	*174	*226	75	89	SE	2	SE	8	10	10	—	● (force 8 at times.)	
Means	30° 137	30° 114	41° 9'	42° 9'	38° 3'	47° 4'	*230	*236	86° 2'	85° 0'	2° 5'	2° 6'	8° 0'	6° 4'	1° 420				

Observer remarks:—Mean sea temperature 42° 3', being 2° above the average.

DOUGLAS, ISLE OF MAN.

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

FEBRUARY 1882.

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° 4'	40° 5'	39° 4'	42° 0'	in.	in.	87	94	SSE	3	SSE	3	10	10	
2	410	511	41° 7'	40° 7'	36° 5'	45° 2'	264	254	100	100	S	3	Calm	0	10	10	☼ (mist) a. and p. ☼ p.
3	491	436	44° 9'	44° 0'	40° 2'	45° 3'	295	281	99	98	SSW	4	SSW	2	10	7	
4	395	415	46° 8'	45° 0'	43° 2'	47° 5'	314	299	98	100	SW	4	SW	3	8	6	☼ ☼ ☼ (mist) a.
5	419	435	45° 2'	42° 3'	42° 3'	46° 0'	297	270	99	100	WSW	1	Calm	0	10	10	☼ ☼ ☼
6	519	548	40° 7'	41° 7'	39° 8'	47° 0'	254	264	100	100	Calm	0	Calm	0	10	10	☼ ☼ ☼ (mist) ga. ☼ ☼ p.
7	558	504	42° 8'	39° 6'	39° 6'	43° 5'	275	243	100	100	Calm	0	Calm	0	10	10	☼ ☼ ☼ a. and p.
8	411	269	43° 1'	41° 3'	39° 5'	43° 8'	239	253	85	98	SE	2	SE	4	8	10	☼ ☼ ☼ a. ☼ p. ☼ ☼ p.
9	30° 177	30° 058	43° 4'	45° 7'	40° 0'	47° 4'	281	307	100	100	E	3	S	5	10	10	☼ ☼ ☼ (mist) ☼ ☼ ☼ [at night, (force 7).
10	29° 935	29° 872	46° 4'	46° 8'	45° 0'	47° 0'	301	301	96	94	S	6	S	6	10	10	☼ ☼

LLANDUDNO.

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

FEBRUARY 1882.

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°6	34°8	34°8	41°2	ins.	ins.	80	82	WSW 2	W 1	4	5	ins.	Very fine.
2	30°436	30°436	34°6	34°8	31°8	43°5	173	186	86	92	W 1	WSW 1	10	10	—	Dull day.
3	30°519	30°519	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	9	—	Very fine and mild.
4	30°437	30°437	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	9	—	Very fine.
5	30°437	30°437	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	∞ p.
6	30°517	30°517	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	Dull day. ∞ p.
7	30°544	30°544	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	Dull day. ∞ a. and p.
8	30°424	30°424	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	Very fine. Wind cold.
9	30°183	30°183	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	Dull.
10	29°978	29°978	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	Fine, but squally.
11	30°803	30°803	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	Very fine.
12	30°864	30°864	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	Very fine.
13	29°602	29°602	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	Stormy, with showers.
14	30°052	30°052	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	Very fine.
15	29°865	29°865	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	Fine. Windy afternoon.
16	30°259	30°259	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	☉ showers a. Fine p.
17	30°185	30°185	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	☉ showers a. Fine and windy p.
18	30°071	30°071	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	☉ showers a. Fine p.
19	30°077	30°077	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	Very fine a. Dull p.
20	30°182	30°182	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	Dull and windy.
21	30°066	30°066	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	Dull, with (mist).
22	30°142	30°142	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	Sunless.
23	30°132	30°132	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	Sunless.
24	29°530	29°530	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	Windy. ☉ showers.
25	28°967	28°967	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	Dull day.
26	29°013	29°013	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	☉ ☉ all day. Stormy.
27	29°468	29°468	34°6	34°8	31°8	43°5	173	186	86	92	WSW 1	WSW 1	10	10	—	Fine day, but squally, with ☉ in the evening.
Means	30°149	30°137	34°9	34°8	31°9	44°9	185	193	85	85	1°8	1°9	8°3	7°3	1°660	

* Maximum thermometer sent to Kew on the 12th, for re-verification.

BUXTON.

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

FEBRUARY 1882.

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°728	30°573	31°9	30°3	28°2	39°0	152	160	84	96	S 1	SE 1	7	8	—	☉
2	30°505	30°575	30°6	32°1	26°0	38°5	143	172	84	95	NW 1	NW 1	6	8	—	
3	30°581	30°537	31°4	33°2	32°1	43°8	188	185	98	98	W 1	W 1	10	4	—	
4	30°502	30°484	31°1	33°1	32°3	48°1	191	212	90	92	NW 1	SE 1	7	8	—	
5	30°477	30°473	31°9	33°9	35°3	42°1	225	226	92	96	NW 1	NW 1	10	8	—	
6	30°545	30°585	31°6	37°4	34°3	44°6	215	215	99	96	Calm	Calm	8	10	—	(mist). Dull and mild.
7	30°612	30°550	31°4	37°9	35°8	41°5	215	222	96	98	NW 1	Calm	10	10	—	(mist). Dull and mild. Common [daisy in flower.]
8	30°495	30°439	31°3	36°9	31°5	42°6	198	211	93	97	NW 1	NW 1	7	10	—	☉ ☉ p.
9	30°379	30°256	31°7	38°1	31°6	39°0	188	225	98	98	SW 2	SW 2	10	10	—	
10	30°174	30°068	31°4	38°3	34°3	44°6	207	202	96	87	SW 2	SW 2	10	5	—	
11	29°904	29°775	31°4	41°6	33°3	48°1	218	241	94	92	SW 2	SW 2	5	7	—	
12	29°891	29°992	43°1	40°1	37°8	50°3	213	223	76	90	WSW 2	NW 3	7	2	—	Fine and warm a. ☉ p.
13	29°795	29°926	45°4	43°9	37°9	53°9	202	224	96	77	W 6	WSW 5	10	0	—	Dull. ☉ a. and p.
14	30°135	30°011	41°4	44°4	39°9	47°6	200	276	78	95	NW 2	NW 3	7	10	—	Fine and warm a. Dull and cool p.
15	29°861	29°251	37°6	33°9	32°6	44°8	211	176	94	90	NW 2	NW 1	8	2	—	☉ ☉ p. Southing wind. Currants [in flower.]
16	30°260	30°083	37°9	44°6	32°8	45°6	216	267	95	91	W 3	NW 5	10	10	—	☉ ☉ (sleet) a. Dull, with ☉ a. [and p.]
17	30°167	30°256	44°4	45°9	42°2	47°2	247	293	85	95	NW 3	W 4	10	3	—	☉ ☉ (sleet) a. Dull, with ☉ a. [and p.]
18	30°097	30°280	45°4	36°1	35°3	48°1	262	164	87	77	NW 3	NW 1	9	0	—	
19	30°624	30°793	38°6	39°4	33°3	44°3	196	219	84	91	NW 1	NW 1	2	1	—	Fine day. Warm a., cool p.
20	30°740	30°655	38°4	43°6	35°8	46°1	193	268	84	94	NW 3	NW 4	9	10	—	(mist) ☉ p.
21	30°662	30°735	43°9	40°1	39°8	50°1	273	243	95	98	NW 1	NW 1	10	10	—	(mist) a. and p.
22	30°621	30°482	43°6	40°9	34°7	46°5	221	225	78	88	NW 3	NW 2	7	8	—	☉ a. Fine and warm a. Cold p.
23	30°413	30°339	39°6	36°4	35°4	41°5	193	201	79	94	WNW 2	NW 1	8	10	—	Dull and cool.
24	30°190	30°065	36°9	39°9	33°8	40°1	183	216	84	88	W 1	W 1	9	8	—	Dull a. Cool day.
25	29°700	29°288	45°5	49°9	39°0	60°1	284	344	94	96	SW 1	SW 4	10	9	—	☉ before 9a. Dull day.
26	30°030	28°942	49°7	44°9	43°9	51°1	323	296	91	97	SW 1	W 2	10	10	—	☉ before 9a. Dull day.
27	30°120	29°472	40°3	35°4	33°8	46°1	241	179	97	87	E 1	E 2	10	10	—	☉ ☉ a. and p.
28	29°582	29°132	35°6	39°4	33°3	40°0	193	225	93	94	SE 1	E 4	10	10	—	Dull and cool.
Means	30°207	30°179	39°4	39°3	34°9	45°2	217	225	89	92	1°8	2°0	8°4	7°2	4°335	

HILLINGTON, NORFOLK.

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

FEBRUARY 1882.

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.	29°8	31°3	25°0	40°4	in.	in.	%	%	ESE 0°5	SE 0°5	2	0	ins.	☉ ² a. and p. Very fine and sunny.
2	30°721	30°694	29°8	31°3	23°8	36°5	154	161	93	92	SSE 0°5	NNE 0°5	10	10	☉ ⁰⁰⁵	☉ ² a. and p. Overcast day, with ☉ ⁰⁰⁹ (mist).
3	541	557	29°6	30°2	23°8	36°5	140	137	85	81	S 0°5	SW 0°5	10	10	☉ ⁰⁰⁶	☉ ² a. Overcast day, with ☉ ⁰⁰⁹ (mist).
4	594	537	32°0	33°6	28°1	37°1	153	188	85	97	S 0°5	SW 0°5	10	10	☉ ⁰⁰²	☉ ² a. ☉ ⁰⁰² a. Day very fine and sunny.
5	501	440	31°1	35°3	29°1	44°6	164	161	95	77	S 0°5	SW 0°5	10	10	☉ ⁰⁰³	☉ ² a. ☉ ⁰⁰² a.

CHURCHSTOKE.

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

FEBRUARY 1882.

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° 9	31° 2	30° 4	41° 4	in.	in.	%	%					ins.	Bright, with cold wind. a. Clear. ∞ p.	
2	30° 074	30° 542	34° 9	31° 2	30° 4	41° 4	172	154	84	89	SSE	3	SSE	2	8		6
3	509	512	35° 3	30° 6	31° 2	41° 8	171	209	83	86	SSW	1	SSE	1	8	10	Bright, but with ∞.
4	566	516	38° 8	37° 9	36° 2	47° 6	199	204	85	90	E	1	SE	2	6	4	
5	479	513	35° 9	31° 9	31° 0	49° 6	200	166	96	92	SE	1	SE	1	8	2	on hills.
6	478	485	36° 4	38° 8	30° 6	43° 5	204	222	95	95	SW	1	Calm	0	8	10	
7	522	561	38° 8	39° 6	35° 7	44° 3	219	228	94	93	Calm	0	Calm	0	10	10	Dull.
8	568	528	37° 0	39° 8	37° 3	42° 5	219	234	97	96	Calm	0	Calm	0	10	8	
9	458	345	36° 9	37° 4	36° 0	41° 1	187	188	86	85	SE	1	SE	1	10	1	Dull.
10	310	323	36° 4	41° 6	34° 6	45° 3	207	238	96	92	NE	1	SE	1	10	10	
11	30° 099	30° 011	40° 9	41° 5	38° 6	45° 9	234	220	92	85	SSE	3	SE	2	9	10	Clear, bright, and breezy.
12	29° 853	29° 734	41° 5	44° 3	37° 9	49° 9	239	264	93	91	SSE	2	SSW	8	9	10	
13	902	30° 037	44° 3	42° 8	38° 2	51° 1	248	222	85	81	SW	1	SW	2	4	4	a.
14	29° 816	29° 966	50° 1	47° 3	41° 9	55° 0	307	245	84	76	SW	8	WSW	8	10	0	
15	30° 161	30° 041	44° 3	47° 3	41° 5	50° 2	219	269	75	83	WSW	6	WSW	5	2	6	a.
16	29° 860	30° 313	35° 9	34° 8	32° 5	47° 7	198	202	95	100	W	1	SW	1	8	5	
17	30° 323	212	42° 4	46° 8	32° 2	47° 9	226	263	84	83	WSW	5	SW	6	4	8	Dull and cool.
18	276	309	45° 3	47° 7	43° 4	50° 1	248	287	82	87	WSW	2	W	3	10	5	
19	165	369	48° 9	37° 5	35° 4	51° 3	285	168	83	75	WSW	5	NW	2	8	0	Dull.
20	070	852	41° 0	39° 2	35° 0	48° 7	185	214	72	89	NW	2	NW	2	1	2	
21	820	728	40° 8	44° 3	31° 6	46° 2	206	255	81	88	NW	1	NW	2	10	6	Dull, with ∞.
22	703	746	47° 4	46° 9	44° 0	51° 6	281	297	87	93	NW	1	Calm	0	8	10	
23	665	522	45° 3	41° 8	41° 2	47° 2	290	221	66	84	WNW	1	WNW	1	10	10	Overcast and stormy.
24	446	303	39° 8	39° 0	38° 5	42° 5	207	204	85	86	Calm	0	NW	1	10	10	
25	30° 173	30° 030	39° 0	44° 0	34° 6	47° 0	202	241	86	83	Calm	0	SW	2	10	5	showers.
26	29° 614	29° 258	49° 4	52° 3	43° 1	53° 3	297	352	85	90	SSE	5	SSW	7	10	10	
27	28° 988	28° 958	49° 5	46° 9	46° 4	52° 6	296	273	97	86	SE	1	SE	6	10	10	showers.
28	29° 022	29° 467	46° 0	38° 4	37° 9	49° 0	273	210	89	91	WSW	3	SW	2	10	10	
29	29° 510	28° 067	39° 7	41° 8	36° 2	45° 6	231	245	95	93	SE	1	ESE	6	8	10	showers.
Means	30° 201	30° 183	41° 5	41° 5	36° 9	47° 5	232	232	87° 9	87° 9	2° 0		2° 6	8° 2	6° 9	2° 776	

GELDESTON (BECCLIS).

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

FEBRUARY 1882.

1	30°730	30°594	34°3	33°1	31°1	41°7	*172	*166	86	88	ESE 1	ESE 1	0	0	—	☼☼☼ ☼ ⁰ ga. Very sunny day. ☼ ⁰
2	*541	*578	29°6	34°0	24°1	41°6	*148	*174	90	88	NW 1	Calm 0	1	10	☼	[9p.
3	*596	*555	32°1	36°5	26°4	42°8	*176	*206	96	95	Calm 0	Calm 0	10	10	—	☼☼☼ ☼ ⁰ ga. ☼ 9p.
4	*500	*463	34°1	34°0	33°1	47°8	*189	*186	96	95	Calm 0	SW 1	1	9	—	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
5	*435	*454	35°1	36°0	33°2	37°9	*183	*208	89	98	WSW 1	Calm 0	10	10	—	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
6	*486	*551	36°9	39°2	34°8	45°7	*213	*238	97	99	WNW 1	ENE 1	9	10	—	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
7	*566	*535	41°1	40°0	38°6	42°9	*256	*230	99	94	Calm 0	NE 1	10	10	—	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
8	*478	*442	36°9	37°0	35°0	40°0	*207	*177	95	81	Calm 0	Calm 0	10	10	☼☼	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
9	*442	*375	35°3	35°1	33°2	37°5	*176	*183	85	89	SSW 2	SSW 2	10	10	—	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
10	*270	*308	30°16	36°2	32°4	41°5	*178	*195	90	91	SSW 3	Calm 0	10	0	☼☼	Gloomy all day.
11	30°018	29°877	39°9	39°1	33°3	49°7	*210	*227	86	95	SSE 1	SSE 2	0	0	☼☼	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
12	29°933	30°083	43°0	41°9	37°2	50°4	*257	*244	93	82	S 1	SW 1	10	0	—	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
13	29°985	29°977	45°1	51°0	39°0	51°8	*352	*323	84	85	SSW 5	WSW 5	10	0	—	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
14	30°109	30°174	49°1	43°9	41°9	53°6	*297	*227	85	79	WSW 3	S 2	10	2	☼☼	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
15	29°766	*123	39°1	37°2	35°2	47°6	*235	*196	98	88	NNW 2	NW 2	10	1	☼☼	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
16	30°332	*081	36°4	47°0	31°0	47°7	*187	*273	87	85	WSW 2	WSW 6	1	1	☼☼	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
17	*109	*235	47°4	47°0	46°2	51°6	*270	*277	87	83	WSW 5	WSW 3	10	0	—	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
18	*166	*113	47°0	43°5	43°1	52°7	*275	*208	86	74	WSW 4	W 6	9	1	☼☼	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
19	*439	*705	40°1	36°2	35°7	48°6	*169	*189	67	89	NW 4	WNW 1	0	0	—	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
20	*747	*589	36°2	43°2	31°8	46°7	*266	*260	96	92	WSW 1	W 4	8	10	—	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
21	*555	*666	47°1	43°1	42°8	50°0	*297	*258	92	93	NW 1	NE 1	10	10	—	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
22	*618	*442	41°0	43°2	38°8	47°6	*257	*232	100	83	WSW 2	WNW 2	10	10	—	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
23	*376	*316	42°0	41°0	39°9	45°8	*299	*185	79	72	W 1	W 1	10	10	—	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
24	30°187	30°128	41°0	41°2	38°0	42°8	*217	*227	85	89	SSE 1	WSW 1	10	9	☼☼	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
25	29°290	29°521	45°2	52°9	38°0	52°9	*283	*341	94	86	S 3	SW 6	10	7	☼☼	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
26	*215	*018	49°0	50°0	48°9	55°7	*328	*307	92	85	SSW 5	WSW 4	10	10	—	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
27	*097	*351	48°0	41°0	40°3	51°8	*285	*239	86	94	WSW 3	NNE 3	10	10	☼☼	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
28	29°616	29°275	41°1	42°9	39°0	42°9	*212	*258	82	94	E 1	ESE 6	10	10	☼☼	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.
Means	30°223	30°192	40°3	40°9	36°5	46°8	*227	*230	89°2	88°6	1°9	2°2	7°8	6°1	1°650	☼☼☼ ☼ ⁰ ga. ☼☼☼ ☼ ⁰ 9p.

CHELTENHAM.

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

FEBRUARY 1882.

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° 9	32° 2	31° 5	40° 6	in.	in.	7/8	7/8	S	2	W	1	5	0	ins.	Very fine and bright.
2	30° 674	30° 550	33° 9	32° 2	31° 5	40° 6	171	151	87	83	S	1	S	1	10	8	—	Dull all day.
3	500	562	36° 1	39° 4	27° 8	40° 4	182	200	86	83	S	1	S	1	10	8	—	Very bright day.
4	584	539	40° 8	37° 0	36° 3	47° 0	224	207	88	94	S	1	Calm	0	8	3	—	Very bright day.
5	502	476	35° 2	29° 6	28° 5	45° 0	154	153	75	93	Calm	0	Calm	0	5	6	—	— a. Very fine and bright.
6	446	448	33° 6	37° 5	26° 2	41° 0	179	216	93	97	Calm	0	Calm	0	10	10	—	— a. Dull and gloomy.
7	515	540	31° 6	37° 0	27° 5	39° 7	164	208	92	95	Calm	0	Calm	0	10	10	—	— a. and p. Dull and cold.
8	552	516	36° 8	39° 0	35° 8	44° 5	204	222	94	94	Calm	0	Calm	0	10	10	—	— all day.
9	435	386	37° 0	38° 5	33° 2	41° 6	191	199	87	86	SE	1	SE	1	6	6	070	—
10	362	288	36° 0	38° 0	34° 5	40° 0	192	229	91	97	SE	2	SE	3	10	10	—	Dull and gloomy. at night.
11	30° 188	30° 060	38° 8	39° 0	35° 5	46° 3	218	204	93	86	SE	4	SE	3	2	2	—	Squally before 9a. Fine day.
12	29° 911	29° 776	39° 6	44° 8	37° 8	48° 8	214	267	88	90	SE	2	S	2	10	10	—	Very fine and bright.
13	901	30° 662	45° 8	40° 2	36° 0	52° 0	269	222	88	89	SW	2	SW	1	0	0	—	Splendid day. Magnificent sunset
14	29° 921	011	50° 0	53° 8	39° 0	55° 0	298	356	83	85	S	4	SW	2	10	0	—	Dull and stormy.
15	30° 177	118	47° 2	49° 6	46° 0	54° 6	275	303	86	86	SW	1	SW	3	7	10	840	Beautiful day.
16	29° 867	272	34° 9	32° 4	31° 8	50° 8	196	156	97	86	NW	1	NW	1	10	0	110	✕ ⁰ a.
17	30° 379	229	39° 4	49° 3	27° 9	51° 0	199	296	83	85	SW	2	NW	4	8	10	010	Very fine day.
18	264	335	47° 6	47° 8	46° 5	51° 2	238	287	73	86	W	3	NW	2	10	10	—	Very fine day.
19	224	286	47° 0	42° 2	41° 5	50° 0	277	182	87	69	SW	3	NW	2	10	1	060	Fine a. Dull p. with
20	645	819	38° 2	35° 0	32° 2	49° 0	188	186	82	91	W	1	NW	1	0	0	—	Beautiful day.
21	851	731	40° 4	44° 0	27° 0	47° 3	205	246	82	85	W	1	NW	1	10	1	010	Very fine.
22	661	754	47° 5	34° 7	31° 3	50° 7	293	195	90	97	W	1	Calm	0	10	10	010	—
23	647	518	42° 8	44° 5	34° 0	48° 6	273	231	99	79	Calm	0	W	1	10	10	—	(mist) 9a.
24	423	299	46° 0	41° 7	32° 0	46° 0	280	198	91	76	Calm	0	Calm	0	10	10	—	Very dull day.
25	30° 175	30° 069	41° 4	45° 0	39° 5	48° 5	207	258	80	86	W	1	S	2	9	10	090	Stormy night.
26	29° 606	29° 337	50° 5	54° 9	42° 5	55° 0	304	349	83	82	S	6	SW	8	8	8	350	✕ ⁰ a. ✕ ² all day. Squally.
27	28° 988	021	52° 0	47° 8	47° 0	55° 0	333	281	83	85	S	6	SW	4	9	9	260	Squally all day. ✕ ² showers.
28	29° 079	29° 380	47° 2	47° 2	46° 0	49° 1	298	296	93	92	SW	2	W	2	10	10	400	Constant all day.
29	29° 535	28° 941	43° 0	45° 2	39° 0	49° 0	249	275	90	92	S	2	SE	8	8	10	770	Fine a. Stormy with a. ✕ ² at night.
Means	30° 218	30° 190	41° 4	41° 7	35° 5	47° 8	231	235	87.3	87° 5	1° 8		1° 9	8° 0	6° 6	2° 980		

CARMARTHEN.

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

FEBRUARY 1882.

1	30°6'15	30°48'0	37°5	36°6	34°7	45°0	*189	*189	85	87	E	2	SE	3	5	9	—	
2	*482	*554	37°4	41°3	33°9	42°5	*199	*231	90	90	E	1	E	1	10	10	—	
3	*554	*490	36°8	40°1	34°6	51°4	*207	*325	95	91	E	1	E	1	7	2	—	
4	*477	*479	41°0	34°1	33°3	47°9	*238	*194	90	90	SE	1	Calm	0	7	8	—	
5	*458	*452	35°3	42°1	32°6	48°0	*202	*244	98	91	Calm	0	Calm	0	9	10	—	
6	*501	*541	41°3	40°6	38°6	48°9	*236	*224	92	89	E	1	Calm	0	6	10	—	
7	*541	*472	41°9	38°1	37°6	47°1	*248	*218	94	95	Calm	0	Calm	0	9	0	—	
8	*402	*307	38°9	40°1	35°3	45°3	*194	*206	83	83	E	2	E	2	0	10	*170	
9	*270	30°182	44°0	43°4	37°0	46°3	*284	*272	98	97	S	3	S	3	10	10	*260	
10	30°088	29°088	45°0	43°1	41°4	50°5	*260	*243	87	87	SE	2	E	2	10	7	—	
11	29°791	*609	46°0	45°2	40°3	49°4	*273	*299	89	99	S	2	Calm	0	9	10	*210	
12	*938	29°996	42°4	46°2	41°6	52°3	*269	*279	99	91	Calm	0	SW	3	10	8	*050	
13	29°856	30°041	49°0	46°7	45°5	53°3	*348	*302	100	95	SW	6	W	1	10	3	*100	
14	30°207	*077	46°0	48°5	44°2	54°0	*269	*323	87	96	W	1	W	4	3	9	*680	
15	29°010	*405	39°9	37°9	34°0	48°9	*238	*191	97	84	W	1	Calm	0	10	0	*300	
16	30°401	*281	43°8	47°0	32°6	48°6	*284	*275	99	86	SW	1	W	3	10	0	*040	
17	*326	*359	47°0	48°1	45°1	52°2	*275	*316	86	94	SW	3	W	1	9	10	—	
18	*247	*412	47°8	41°1	40°8	51°4	*303	*208	91	81	SW	4	N	3	9	0	*130	
19	*725	*862	46°2	37°1	36°8	51°3	*237	*211	77	95	N	2	Calm	0	2	0	—	
20	*888	*770	40°9	47°0	33°9	47°4	*217	*275	85	86	W	2	S	2	9	10	*010	
21	*729	*729	48°6	48°0	45°8	52°1	*338	*319	96	96	NW	2	Calm	0	10	10	—	
22	*671	*526	46°6	43°1	42°2	53°1	*308	*225	97	81	N	1	N	1	10	8	—	
23	*432	30°280	42°5	42°9	39°9	47°4	*225	*239	84	87	W	1	W	1	10	10	*030	
24	30°156	29°954	41°1	48°0	40°2	51°3	*234	*309	91	93	SE	1	SE	2	10	10	*230	
25	29°564	29°243	51°1	50°7	47°0	51°6	*336	*352	89	95	S	6	SW	5	10	10	*820	
26	28°978	28°993	49°0	48°2	47°6	52°9	*348	*312	100	93	S	2	SW	3	10	10	*850	
27	29°092	29°431	48°0	47°6	45°8	50°8	*319	*290	96	89	SE	2	W	1	10	9	*240	
28	29°495	28°803	43°4	46°9	41°4	52°0	*266	*302	95	95	E	1	E	2	9	10	*440	
Means	30°207	30°172	43°5	43°6	39°5	49°7	*262	*260	91°8	90°9			1°8		1°6	8°3	7°3	4°580

MARLBOROUGH.

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

FEBRUARY 1882.

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°8	31°8	31°1	41°0	ins.	ins.	94	86	E 1	ESE 1	8	3	ins.	(mist) ga. —
2	535	560	31°0	36°0	26°4	37°8	166	201	96	96	Calm 0	Calm 0	10	10	—	—
3	562	577	35°7	34°8	33°6	46°0	205	184	99	91	Calm 0	Calm 0	9	0	—	before ga.
4	545	507	26°0	30°0	25°3	45°0	141	161	100	97	Calm 0	Calm 0	0	9	—	a. and gp. —
5	468	474	33°9	36°1	30°0	39°1	190	202	98	95	Calm 0	Calm 0	10	10	—	a. —
6	539	568	31°7	38°2	30°2	42°1	176	218	99	95	Calm 0	Calm 0	10	10	—	before ga. —
7	573	521	39°0	39°9	37°6	43°5	231	224	98	91	E 1	E 1	10	10	—	ga. —
8	464	420	36°6	35°9	35°5	40°1	197	195	91	93	ESE 1	SSE 1	10	10	—	a. —
9	477	342	34°5	34°9	33°1	36°9	187	200	94	99	S 1	S 3	10	10	—	(mist) a. —
10	30°244	30°107	36°8	37°1	33°9	45°8	214	211	98	95	S 2	SSE 2	10	1	—	(mist) a. —
11	29°927	29°807	40°6	43°5	36°3	46°2	227	260	90	92	S 1	S 1	9	10	0.10	a. —
12	29°960	30°114	42°3	40°8	40°4	53°2	263	241	98	96	Calm 0	SW 1	10	0	—	a. —
13	30°017	30°075	46°8	49°2	39°4	51°9	292	324	91	93	SW 4	SW 1	10	1	0.50	—
14	30°215	30°166	46°9	47°7	46°1	55°0	293	324	92	98	W 1	SW 2	9	10	1.40	—
15	29°890	30°079	36°9	33°9	33°7	49°4	211	170	97	87	Calm 0	Calm 0	10	0	1.50	before ga. —
16	30°423	30°286	38°0	45°6	30°9	47°7	203	276	89	90	W 1	WNW 1	8	10	—	—
17	309	372	44°8	45°2	44°3	49°0	250	287	84	96	W 1	W 1	9	10	—	—
18	298	318	46°2	40°0	39°8	49°1	277	218	90	89	W 2	NW 1	10	9	0.30	—
19	648	823	37°8	36°7	33°0	49°9	185	190	82	88	NW 1	Calm 0	0	0	—	—
20	866	754	34°9	38°5	31°1	46°0	199	198	98	85	Calm 0	Calm 0	9	1	—	—
21	678	728	46°6	45°7	37°2	50°3	281	281	90	92	NW 1	Calm 0	10	10	—	—
22	600	522	38°7	44°8	38°2	54°0	235	262	100	88	Calm 0	NNW 1	10	10	—	a. —
23	463	313	39°8	40°4	38°6	44°9	223	206	92	83	Calm 0	Calm 0	10	10	—	—
24	30°211	30°120	34°1	43°8	30°8	50°3	188	276	96	97	Calm 0	SSE 1	10	10	0.40	before ga. —
25	29°789	29°447	49°5	52°2	43°8	52°2	302	362	86	93	S 3	SSW 5	10	10	1.60	p. —
26	081	086	40°7	46°6	46°3	52°9	333	294	94	93	SW 3	W 2	10	10	1.00	—
27	134	29°376	46°4	46°2	43°4	48°6	292	301	93	97	SW 1	NW 1	10	10	1.40	—
28	29°574	29°979	43°7	45°7	39°2	47°8	260	281	91	92	SE 1	S 2	9	10	1.70	—
Means	30°260	30°224	39°3	40°8	36°0	47°0	228	239	93.6	92.4	0.9	1.0	8.8	7.3	2.350	—

MARGATE.

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

FEBRUARY 1882.

1	—	—	34°2	—	31°0	37°7	142	—	72	—	—	—	0	—	—	—
2	—	—	34°9	—	31°0	42°7	177	—	87	—	—	—	1	—	—	Frosty and dull.
3	—	—	36°6	—	31°0	42°6	188	—	87	—	—	—	10	—	—	Fine.
4	—	—	36°8	—	35°7	38°0	197	—	91	—	—	—	10	—	—	Dull.
5	—	—	31°3	—	28°8	38°8	166	—	95	—	—	—	10	—	—	—
6	—	—	38°7	—	30°7	42°3	218	—	93	—	—	—	10	—	—	Mild and dull.
7	—	—	41°7	—	38°1	42°6	246	—	93	—	—	—	10	—	—	Fine.
8	—	—	36°6	—	36°0	38°8	174	—	80	—	—	—	10	—	—	Fine.
9	—	—	34°3	—	32°5	35°9	170	—	85	—	—	—	10	—	—	Cold and dry.
10	—	—	32°8	—	30°8	42°3	169	—	91	—	—	—	9	—	—	Cold, but brighter.
11	—	—	40°1	—	32°5	48°3	215	—	87	—	—	—	1	—	—	Clear.
12	—	—	44°7	—	39°9	52°9	277	—	93	—	—	—	7	—	—	Warm and sunny.
13	—	—	47°0	—	41°1	50°8	273	—	85	—	—	—	10	—	0.10	Windy. —
14	—	—	50°2	—	47°1	50°6	329	—	91	—	—	—	10	—	0.70	Fine.
15	—	—	49°9	—	44°1	51°3	308	—	86	—	—	—	10	—	0.20	Windy.
16	—	—	36°9	—	33°0	48°3	185	—	85	—	—	—	1	—	0.10	Dry. Less wind.
17	—	—	46°8	—	36°2	50°3	269	—	84	—	—	—	10	—	—	Mild.
18	—	—	47°0	—	42°5	52°3	279	—	87	—	—	—	3	—	0.30	Mild.
19	—	—	40°2	—	38°6	47°3	199	—	81	—	—	—	0	—	—	Mild. High tide.
20	—	—	39°3	—	34°8	45°8	220	—	92	—	—	—	4	—	—	—
21	—	—	45°5	—	38°6	47°6	286	—	95	—	—	—	10	—	—	Mild.
22	—	—	42°1	—	40°1	50°1	257	—	96	—	—	—	10	—	—	Dry. —
23	—	—	47°8	—	41°6	48°7	264	—	79	—	—	—	10	—	—	Dry and cloudy.
24	—	—	41°7	—	40°1	48°0	238	—	91	—	—	—	10	—	0.30	Dry and cloudy.
25	—	—	46°8	—	38°3	54°0	281	—	88	—	—	—	10	—	0.50	—
26	—	—	49°9	—	46°8	54°5	293	—	82	—	—	—	10	—	0.40	Windy.
27	—	—	49°2	—	44°1	54°3	293	—	84	—	—	—	4	—	1.80	Fine.
28	—	—	42°7	—	40°2	48°9	263	—	96	—	—	—	10	—	2.70	—
Means	—	—	41°6	—	37°3	46°6	235	—	87.7	—	—	—	7.5	—	0.910	—

FEBRUARY 1882.

STRATHFIELD TURGISS.

Height above Mean Sea Level, 195 feet. Long. 1° 0' W. Lat. 51° 20' N.

FEBRUARY 1882.

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° 4	28° 4	26° 6	42° 4	in.	in.	%	%	SE 2	SE 1	0	6	ins.	☼☼☼ (mist) ga. ☼☼☼ ga. and gp. ☼☼☼ a. and gp. ☼☼☼ a. and gp. ☼☼☼ ga. and before. Squally gp. ☼☼☼ ga.
2	30° 687	30° 577	31° 4	35° 7	22° 0	38° 0	136	133	95	86	Calm 0	Calm 0	10	10	—	
3	542	608	30° 7	35° 7	22° 0	38° 0	136	193	78	93	Calm 0	SE 1	10	0	—	
4	624	577	34° 9	31° 4	31° 4	45° 5	199	167	98	95	Calm 0	Calm 0	3	0	—	
5	533	497	26° 3	29° 4	22° 5	44° 2	106	154	76	95	Calm 0	Calm 0	3	0	—	
6	459	467	32° 6	36° 6	27° 5	38° 6	174	200	94	93	SE 0-1	SE 1	9	10	—	
7	534	550	33° 1	37° 6	31° 0	42° 5	180	190	96	84	Calm 0	N 1	10	10	—	
8	565	516	40° 0	41° 5	36° 8	44° 6	238	217	97	83	N 1	NE 2	10	10	—	
9	463	421	36° 8	38° 7	34° 1	42° 9	186	205	86	88	E 2	E 2	10	10	—	
10	439	366	35° 4	35° 0	33° 3	39° 7	186	182	91	89	SE 0-1	SE 1	10	10	—	
11	30° 269	30° 129	38° 0	37° 7	33° 3	45° 8	208	202	91	90	SE 0-1	SW 2	10	8	—	
12	29° 962	29° 819	43° 9	44° 2	34° 9	50° 2	234	258	82	89	SE 3	SW 2	6	8	0.36	
13	29° 955	30° 123	46° 9	41° 9	41° 0	54° 3	290	244	91	92	W 3	SW 2	6	0	—	
14	30° 049	30° 059	47° 2	50° 9	40° 2	52° 5	286	331	89	89	SW 3-4	SW 3	10	8	0.59	
15	30° 208	30° 191	48° 7	48° 4	47° 3	57° 4	294	317	86	94	W 3	S 3	17	10	0.70	
16	29° 846	30° 231	39° 7	36° 3	34° 6	51° 6	234	174	96	82	NW 3	NW 3	10	0	0.40	
17	30° 451	30° 290	39° 6	47° 3	30° 5	49° 9	204	280	84	87	W 3	SW 2-3	8	10	0.43	
18	301	349	46° 4	45° 4	44° 2	51° 5	255	273	82	91	W 3-2	W 3	8	0	—	
19	313	274	47° 3	42° 4	41° 1	52° 9	274	222	85	83	W 3-4	NW 3-4	8	10	0.37	
20	611	805	41° 1	39° 0	34° 8	49° 3	193	200	76	85	N 3	NW 1	0	0	—	
21	866	746	37° 4	41° 4	31° 0	49° 8	193	224	86	86	NW 2	NW 2	9	0	0.07	
22	637	712	47° 2	46° 1	39° 9	52° 1	301	288	93	93	NW 2	NW 1	10	10	—	
23	691	516	44° 8	47° 7	42° 1	55° 8	283	299	96	91	W 0-1	W 1	6	10	—	
24	452	321	42° 6	40° 4	38° 8	49° 2	206	222	76	89	W 2	NW 1	10	10	—	
25	30° 200	30° 037	43° 6	44° 8	38° 1	50° 6	244	273	86	92	SW 2	W 2	7	9	0.58	
26	29° 851	29° 479	50° 0	53° 4	44° 2	55° 8	294	369	82	90	W 2	SW 4-5	9	10	0.29	
27	144	108	51° 4	48° 6	47° 2	55° 6	327	297	86	88	SW 5-4	SW 4-2	10	8	0.32	
28	155	337	47° 9	47° 7	44° 0	52° 9	285	302	86	92	W 3	W 2	9	10	1.80	
29	589	29° 038	46° 7	46° 4	41° 0	51° 1	250	211	79	87	SW 3	SE 3-4	6	10	0.33	
Means	30° 264	30° 219	41° 1	41° 6	36° 2	48° 8	230	239	87° 3	89° 1	2° 0	1° 9	7° 9	7° 0	1° 589	Squally p. Squally a. and p. Squally p.

ST. LEONARDS.

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

FEBRUARY 1882.

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.	37.4	37.7	35.2	40.6	ins.	ins.	70	75	ESE 3	ESE 3	0	0	ins.	— ⁰ early a. Very fine day.
2	551	561	39.9	40.6	37.2	42.2	189	209	76	83	S 2	Calm 0	1	10	—	— ⁰ early a.
3	565	579	40.7	40.8	39.1	43.6	231	217	91	86	N 1	S 1	10	6	—	Overcast, with ⁰ a.
4	523	495	39.2	36.0	36.0	41.6	195	186	81	87	ESE 1	ESE 2	10	10	—	Overcast, with ⁰ a.
5	478	464	34.6	36.6	31.1	39.0	161	183	80	83	ESE 2	NNE 2	5	10	—	— ⁰ a. Cloudy a. Overcast p.
6	509	543	37.7	40.9	34.3	43.9	178	240	78	95	NNE 2	NE 1	7	10	—	Overcast all day. ⁰ p. [times.
7	556	515	40.9	37.8	37.8	42.1	229	210	90	93	E 2	NE 3	10	8	—	Overcast till evening, with ⁰ at times.
8	463	461	38.0	36.9	35.7	40.1	210	185	92	85	NE 1	ESE 3	10	10	—	Overcast all day, with ⁰ at times.
9	484	419	34.5	33.7	33.1	37.3	165	161	81	83	SSE 3	SSE 3	10	10	—	Overcast all day.
10	517	501	38.6	41.5	33.3	42.0	177	204	88	78	SSE 3	SSE 3	10	0	—	Overcast till 11 a., then very fine.
11	5020	29.875	44.7	45.6	40.9	47.9	244	263	83	86	SSE 3	SSE 3	1	1	—	— ⁰ ga. Very fine day.
12	29.983	30.168	45.6	45.6	44.1	49.0	291	300	95	98	SW 3	SW 3	8	10	—	— ⁰ at night.
13	30.143	156	45.6	46.8	43.1	48.2	283	318	93	99	SW 4	SW 5	9	10	—	Overcast. ⁰ at times.
14	30.240	247	46.6	46.6	46.0	51.6	318	318	100	100	WSW 3	WSW 3	9	10	—	Sea ⁰ p., ⁰ later.
15	29.829	234	48.7	38.1	38.1	49.3	304	187	89	81	SW 7	N 1	10	0	—	— ⁰ a. Overcast most of day. [times.
16	30.482	274	36.4	46.5	32.3	47.6	187	272	87	86	WNW 2	W 4	0	10	—	— ⁰ a. Very fine a. Overcast p., with
17	285	371	46.7	44.4	43.5	50.7	268	265	85	91	W 4	W 2	10	7	—	— ⁰ p.
18	338	240	46.5	42.4	42.4	48.0	286	233	90	86	W 3	WNW 1	7	10	—	— ⁰ p.
19	559	773	40.5	40.6	36.1	48.7	193	211	77	84	NW 3	NW 1	0	0	—	Fine day.
20	859	718	40.6	42.6	36.8	46.3	211	233	84	86	NW 2	WNW 3	4	8	—	— ⁰ p.
21	617	697	46.7	47.3	41.5	50.7	301	292	94	90	NW 2	Calm 0	9	10	—	Overcast.
22	688	502	44.4	45.4	41.1	48.1	272	283	93	94	S 1	NNW 1	8	10	—	Overcast. — ⁰ p.
23	444	321	43.0	43.5	42.5	47.0	211	221	77	78	Calm 0	SE 1	10	3	—	Overcast day.
24	30.178	30.186	44.5	45.6	41.1	49.8	266	288	90	94	SW 1	W 2	9	7	—	[(gale) before midt.
25	29.955	29.625	48.2	51.0	45.2	52.2	283	313	85	84	4	SW 6	10	10	—	— ⁰ a. Overcast all day. — ⁰ p.
26	268	170	49.1	47.3	46.5	52.1	311	292	89	90	SSW 6	WSW 6	10	8	—	— ⁰ (gale) in past n. — ⁰ all day.
27	107	382	47.0	46.5	44.5	50.3	293	292	93	93	WSW 4	WSW 3	9	10	—	— ⁰ (gale) in past n. — ⁰ all day.
28	29.628	29.131	43.6	46.5	42.9	48.1	266	300	93	95	ESE 1	SE 7	10	10	—	Overcast. — ⁰ showers. — ⁰ from 7p.
Means	30.283	30.248	42.4	42.7	39.3	46.4	239	245	86.5	88.0	2.6	2.6	7.4	7.4	1.187	

BABBACOMBE.

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

FEBRUARY 1882.

1	30°607	30°491	41°0	40°1	39°9	43°0	*216	*206	84	83	E 4	E 3	9	10	—	—
2	*495	*571	43°5	43°4	39°8	53°4	*251	*255	89	91	SE 1	SE 1	8	9	—	☼ ⁰ (mist) a. ☾ p.
3	*572	*531	43°2	43°2	39°0	49°7	*262	*236	97	84	E 1	SSE 3	1	9	—	☾ ² ☼ ⁰ till 10a. ☾ p.
4	*506	*478	40°9	35°7	35°7	49°7	*208	*192	82	92	SSE 1	Calm 0	8	2	—	☼ ⁰ (mist) a. ☾ p. ☾ 8p.—Midt.
5	*453	*452	37°0	41°4	30°2	42°8	*208	*229	91	88	NNW 1	ESE 1	10	10	—	☼ ⁰ (mist) a.
6	*486	*522	41°1	40°3	39°8	41°7	*183	*209	71	84	E 3	ENE 2	10	6	—	☼ ⁰ (mist) a.
7	*501	*461	40°7	41°8	36°1	45°7	*232	*221	92	84	E 4	E 4	10	2	*040	☼ ⁰ (mist) 9a.
8	*393	*372	40°8	37°0	36°8	44°8	*236	*186	93	85	E 3	SE 3	10	10	*020	☼ ⁰ (mist) a.
9	*347	*282	44°0	42°1	37°0	44°2	*267	*250	93	93	S 4	SSE 4	10	10	—	Dull all day.
10	30°179	30°061	44°6	43°7	42°0	49°2	*256	*249	87	88	SSE 3	S 3	10	4	—	☾ 11a.—1p. ☾ p.
11	29°868	29°740	45°8	47°7	43°4	48°9	*289	*311	94	94	SSE 3	SSE 4	10	10	*040	☾ 11a.—Noon.
12	29°977	30°130	45°3	42°4	38°8	57°2	*288	*251	96	93	SW 2	SW 3	1	3	*020	☼ ⁰ n. ☾ ² n. and p.
13	30°026	*123	48°9	50°3	42°2	53°2	*339	*349	99	96	SW 6	WSW 5	10	5	*070	☼ ⁰ showers. ☼ (gale) mid-day.
14	30°259	*177	50°0	49°1	47°0	57°7	*319	*349	89	100	W 2	SW 4	6	10	*310	☼ ⁰ showers. ☼ ⁰ (mist) p.
15	29°918	*389	43°6	37°3	37°2	56°7	*257	*186	90	84	W 3	W 3	8	1	*180	Squally ☼ (gale from SW.) ☼ n. ☼ ⁰ showers during day. ☾ 11p.
16	30°513	*387	43°0	46°3	34°1	50°7	*227	*265	79	85	WSW 3	WSW 4	5	10	—	Squally p.
17	*377	*437	49°2	45°0	44°0	55°5	*260	*278	74	93	W 4	WSW 3	8	3	—	Squally a. ☾ p.
18	*361	*394	46°0	42°8	40°9	52°6	*285	*231	90	84	WSW 3	NW 2	9	8	—	Wind NNW. 6p.
19	*704	*858	44°4	40°5	37°0	52°2	*214	*223	73	89	NNW 3	WNW 2	0	0	—	Very fine day. ☾ after 8p.
20	*921	*808	38°9	43°0	35°0	48°9	*217	*236	92	85	WSW 1	WSW 1	10	10	—	☾ n. Wind NW. 1p.
21	*724	*722	47°7	47°6	43°0	51°8	*292	*293	89	90	NNW 2	Calm 0	10	9	—	—
22	*692	*530	41°7	47°8	40°9	57°8	*251	*293	95	88	W 1	NW 1	4	10	—	☼ ⁰ (mist) a. ☾ ² till 10a.
23	*450	*390	42°2	42°8	40°7	47°9	*237	*226	88	83	NE 2	SE 1	10	10	—	Wind E. at Noon. ☾ 6p.—7p.
24	30°197	30°050	43°7	47°8	38°2	51°8	*249	*315	87	95	S 2	S 3	8	10	*230	—
25	29°793	29°434	50°2	52°0	46°5	52°7	*336	*369	93	85	S 8	SSW 7	10	10	*560	Squally ☼ a. and p.
26	*082	*127	49°8	47°0	46°7	53°9	*343	*284	95	89	WSW 7	WSW 5	10	3	*080	Squally ☼ till mid-day.
27	*184	29°476	50°9	46°7	44°1	53°7	*306	*261	83	82	W 4	WNW 4	7	6	*010	—
28	29°551	28°874	45°0	49°0	40°0	49°2	*273	*335	91	97	SSE 1	SSE 4	10	10	*750	☾ till 9a.
Means	30°252	30°220	44°5	44°1	39°9	50°4	*261	*260	88°4	89°1	2°9	2°9	7°9	7°1	2°300	

Observer remarks: Mean sea temperature 47° 1.

ST. AUBIN'S, JERSEY.

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

FEBRUARY 1882.

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	40°4	34°5	41°0	ins.	ins.	83	84	E 3	SE 3	3	0	ins.	Extremely fine and bright.
2	565	619	43°3	42°0	36°5	47°1	214	223	77	84	SE 1	Calm 0	2	0	001	— ⁰ a. Extremely fine. — ⁰ p.
3	623	592	42°2	40°2	37°0	46°6	223	194	84	78	ESE 1	E 3	0	0	—	— ⁰ a. Extremely fine and bright.
4	550	504	35°3	38°5	33°0	40°5	164	169	79	72	E 3	NE 2	9	10	—	Overcast and cold.
5	460	468	39°1	32°0	31°2	39°2	165	157	70	87	NE 2	E by N 3	10	10	—	Overcast and cold.
6	501	532	31°3	36°5	29°2	36°5	124	179	70	83	E 3	E 1	10	10	—	Cold a. Sunny 11a.—1p. Temp.
7	525	501	37°0	33°0	31°7	39°1	160	167	73	89	ENE 1	Calm 0	0	0	—	— ⁰ (mist) ga. Extremely fine day.
8	465	462	36°7	36°0	30°5	37°8	168	175	77	82	SE 2	SE 2	7	10	—	— ⁰ a. Day overcast.
9	480	414	36°2	35°1	33°6	36°4	202	177	94	86	S 1	SE 3	10	10	—	Gloomy a. Cold searching wind.
10	318	30°170	35°1	41°3	32°5	41°8	189	215	92	83	SE 3	SE 3	10	0	—	Very fine at times. Cold wind. Stars [twinkling and sea roaring p.
11	000	29°855	43°0	46°0	40°4	47°2	234	287	84	93	SE 2	S 2	10	6	040	Much milder. — ⁰ sp. [— ⁰ p.
12	034	30°234	46°4	43°8	42°8	55°5	311	279	98	98	Calm 0	W 1	9	0	003	— ⁰ n. and a. Day very fine and mild.
13	243	278	45°3	49°0	45°0	50°7	270	340	89	98	SW 3	SW 4	10	10	105	— ⁰ a. Mild, but sunless day.
14	354	356	48°5	51°3	47°4	53°8	336	347	98	92	W 3	SW 3	10	10	157	— ⁰ n. and a. Very mild day.
15	026	432	47°6	42°1	40°1	51°3	308	193	94	71	W by N 2	NW 3	10	2	065	(in squalls, force 0) a. — ⁰ p. [Double
16	612	515	45°2	47°3	37°5	51°7	237	307	79	95	NW 1	W 3	9	10	016	Day very fine and bright. — ⁰ p.
17	492	495	47°4	46°0	44°6	54°6	313	287	96	93	NW 2	Why N 1	6	1	011	Day fine. — ⁰ p.
18	474	394	46°0	44°4	43°5	51°4	292	281	94	96	W 2	NW 3	10	10	115	— ⁰ a.
19	695	859	47°2	40°4	39°8	49°6	216	220	67	88	N 3	Calm 0	0	0	—	Day very fine. — ⁰ p.
20	936	867	50°0	45°4	39°3	51°3	265	236	74	78	Calm 0	Calm 0	2	10	—	— ⁰ a. Very fine and bright. Bar.
21	753	794	48°3	48°2	44°1	50°8	299	307	89	92	Calm 0	N 2	10	10	—	Day gloomy. [30° 944 noon.
22	728	575	48°4	44°8	43°5	53°3	283	260	84	88	Calm 0	N 1	8	0	003	Calm day. Very fine p. — ⁰ p.
23	489	315	44°0	43°2	39°3	50°7	265	249	92	89	NE 1	Calm 0	10	0	—	— ⁰ a. Day very fine. — ⁰ p.
24	30°275	30°190	48°2	47°8	41°6	51°7	283	308	85	93	SW 1	Calm 0	4	8	046	— ⁰ a. Day fine. — ⁰ 7p.
25	29°047	29°684	48°8	53°0	46°3	56°3	297	366	86	91	SSE 2	S by W 4	10	10	279	Very mild. Squally 9p.
26	327	299	51°6	47°3	47°3	54°0	340	314	89	97	SSW 3	SW 3	10	10	290	Squally and gloomy a.
27	313	558	48°7	48°3	45°4	54°0	306	309	89	92	SW 3	Why N 2	7	2	033	Day extremely fine. — ⁰ p.
28	29°672	29°001	47°0	49°6	44°7	50°3	310	92	88	S 2	S 4	10	10	590	— ⁰ n. — ⁰ 11a.—5p. Bar. falling fast from 10a. Sea very rough. [Temp. rose 5p.—7p. Bar. 28° 924 11p. Squally (force 8) — ⁰ n.	
Means	30°339	30°301	43°7	45°3	39°3	48°0	248	252	84°9	87°9	1°8	2°0	7°4	5°7	1°745	

MARKREE CASTLE, SLIGO.

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

FEBRUARY 1882.

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.	44°	42°	40°	47°	ins.	ins.	93	83	SSE 4	SE 5	10	10	ins.	Overcast all day.
2	30°433	30°296	44°	42°	40°	47°	225	225	93	83	SSE 4	SE 5	10	10	219	Overcast all day.
3	30°369	30°466	41°	35°	34°	51°	245	201	95	98	Calm	0	10	3	002	ga. 9p.
4	30°378	30°325	43°	44°	33°	49°	262	243	93	83	S 2	S 2	10	10	007	Evening obs. taken at 9.20p.
5	30°342	30°410	41°	41°	35°	51°	236	234	91	91	S 1	Calm	0	8	013	Overcast day. 9p.
6	30°376	30°423	44°	44°	38°	48°	271	270	93	93	S 1	Calm	0	10	10	Overcast day.
7	30°492	30°523	41°	40°	38°	45°	241	233	93	94	Calm	0	10	10	10	Overcast day.
8	30°510	30°403	37°	40°	35°	49°	200	221	90	88	Calm	0	5	10	10	Overcast day.
9	30°238	30°071	41°	41°	39°	44°	236	235	91	90	ESE 3	ESE 4	7	10	002	Overcast day.
10	29°970	29°810	48°	52°	40°	54°	316	354	94	91	SE 2	S 4	10	10	354	Overcast day.
11	30°815	30°786	47°	45°	43°	52°	315	295	95	96	Calm	0	10	10	10	Overcast day.
12	30°537	30°492	44°	44°	41°	51°	256	257	88	88	SSE 3	S 3	5	0	10	Overcast day.
13	30°819	30°514	39°	46°	34°	48°	202	202	83	93	Calm	0	10	10	540	ga. Sharp squalls 9p.
14	30°449	30°487	41°	41°	38°	52°	262	220	76	85	WSW 5	W 3	6	7	10	Squally (force 7) n. 2p. 4p.
15	30°044	29°887	41°	40°	36°	48°	191	216	75	87	Calm	0	0	5	036	Overcast day.
16	30°951	30°303	35°	38°	33°	44°	189	201	92	88	WNW 2	NW 2	8	5	148	Overcast day.
17	30°229	30°193	47°	49°	37°	51°	297	326	90	93	NW 3	NW 3	10	10	10	Overcast day.
18	30°185	30°164	49°	49°	40°	54°	327	324	94	93	WNW 2	WNW 4	10	10	052	Overcast day.
19	30°056	30°038	46°	40°	40°	51°	247	203	79	81	NW 3	N 4	10	10	028	Overcast day.
20	30°745	30°819	43°	42°	39°	47°	233	228	83	85	Calm	0	10	10	10	Overcast day.
21	30°762	30°767	47°	48°	38°	52°	265	300	82	90	W 2	W 2	10	10	036	Overcast day.
22	30°790	30°778	47°	45°	44°	49°	310	293	96	97	NW 3	Calm	0	10	10	Overcast day.
23	30°663	30°525	44°	44°	42°	46°	283	219	95	76	Calm	0	10	10	10	Overcast day.
24	30°373	30°199	43°	42°	41°	48°	254	242	91	88	WSW 1	SW 1	10	10	004	Overcast day.
25	30°005	29°739	44°	45°	40°	54°	262	263	90	88	WSW 1	SSE 4	10	10	10	Overcast day.
26	29°171	28°984	51°	49°	44°	55°	346	323	92	92	SSE 3	WSW 2	10	10	028	Overcast day. 7p.
27	28°815	28°838	50°	47°	46°	52°	329	315	90	95	S 2	Calm	0	10	10	Overcast day.
28	29°078	29°268	48°	42°	41°	48°	315	249	93	91	E 3	E 4	10	10	078	Overcast day.
29	29°291	28°897	43°	43°	40°	49°	250	251	89	87	SE 2	ESE 4	10	10	542	Overcast day.
Means	30°067	30°039	44°	43°	39°	50°	265	258	89°	89°	1°	2°	8°	8°	2°	296

DUBLIN.

Height above Mean Sea Level, 56 feet. Long. 6° 15' W. Lat. 53° 20' N.

FEBRUARY 1882.

1	30°548	30°419	42°	43°	40°	46°	223	238	84	86	SSE 3	SSE 2	3	8	—	Partial 6.30p.
2	30°401	30°523	45°	38°	38°	47°	254	221	85	94	WSW 2	Calm	0	10	6	010
3	30°468	30°410	45°	46°	34°	50°	250	267	83	87	SSE 2	SSW 2	10	9	—	Dull and mild a.
4	30°396	30°412	42°	46°	40°	50°	245	262	92	84	Calm	0	10	10	—	ga. Mild.
5	30°428	30°459	44°	44°	43°	47°	263	261	91	90	Calm	0	10	10	—	a. Dull day.
6	30°507	30°550	41°	44°	40°	46°	234	227	91	77	W 1	WNW 1	5	10	—	a. Cir. from ENE.
7	30°555	30°473	41°	43°	40°	46°	227	250	89	88	ESE 1	SSE 1	9	10	—	a. Much cir. from SE. all day.
8	30°568	30°202	41°	43°	40°	44°	220	240	84	86	SSE 3	SSE 4	7	10	010	(mist) a. Cold searching wind p.
9	30°096	29°094	49°	53°	42°	54°	320	331	90	81	S 3	SSW 4	7	10	020	Mild a. Very warm p.
10	29°896	29°845	52°	47°	46°	53°	331	297	84	92	S by W 3	S 1	9	10	134	Mild a. from 3p. p.
11	30°663	30°603	49°	49°	46°	53°	320	277	91	79	S 3	SW 3	7	7	011	Very fine 8a.—3p. then showers.
12	30°885	30°759	43°	48°	40°	49°	225	249	81	73	WSW 3	SSW 6	0	10	010	Cool a. Cir. from SW. p. Squally
13	30°554	30°878	54°	45°	45°	53°	330	231	78	75	WSW 7	W by S 6	6	1	010	Squally a. and p. (gale) p.
14	30°116	29°939	43°	46°	41°	50°	199	243	72	78	W by S 3	W by S 5	0	8	061	Cool a. Squally after 5p.
15	29°936	30°338	38°	36°	36°	46°	202	183	86	84	W 4	WNW 3	7	0	010	Cold a. and p. 1.15p.
16	30°271	30°207	48°	48°	36°	51°	303	282	89	84	W 5	W 6	10	5	—	Squally a. and p. Milder.
17	30°232	30°256	48°	50°	45°	53°	288	298	85	81	W 5	W 6	10	7	—	a. and p. Squally p.
18	30°033	30°480	51°	40°	39°	51°	299	192	80	77	W by S 7	WNW 4	10	0	126	Squally a. and p. 2 10a. 1.30p.
19	30°739	30°857	38°	43°	35°	48°	199	214	85	77	WNW 3	WNW 2	0	9	—	0 a. Cloudless till Noon.
20	30°805	30°749	45°	48°	42°	51°	233	202	76	88	W by N 4	W 5	9	6	—	Squally p.
21	30°779	30°768	49°	48°	42°	52°	317	295	92	89	W by N 3	W by N 3	10	10	012	Overcast and mild.
22	30°693	30°542	46°	45°	44°	48°	249	221	80	73	W by N 3	W by N 3	10	10	—	Dull and cool throughout.
23	30°422	30°250	43°	43°	42°	45°	211	230	73	81	WSW 1	SW 1	10	10	—	Overcast and cool.
24	30°084	29°877	44°	48°	40°	52°	253	301	87	90	Calm	0	8	6	018	a. Much cir. from W. a. Brilliant p.
25	29°352	29°031	53°	51°	47°	57°	335	348	83	91	S 2	SSW 1	9	10	190	Squally 10a. a. and p. Noon. Mild p.
26	28°911	28°870	52°	49°	49°	55°	309	292	79	84	SSE 1	WSW 3	8	6	110	Mild a. 2 Noon and 4p. 5p.
27	29°060	29°366	48°	45°	44°	49°	315	293	94	97	N by E 2	W by S 2	10	10	250	[U] p. Bar. 28°836, 4p.
28	29°402	28°871	46°	44°	42°	50°	241	263	77	91	SSW 2	E by S 8	8	10	860	Squally 2 p.
Means	30°129	30°105	46°	45°	41°	50°	264	261	84°	84°	2°	3°	7°	7°	1°	862

FEBRUARY 1882.

BIRR CASTLE, PARSONSTOWN.

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

FEBRUARY 1882.

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°	38°	37°	47°	ins.	ins.	93	86	SE 2	S 1	6	3	ins.	☼ ⁰ 68	
2	30°503	30°388	43°	38°	35°	51°	235	207	82	80	SE 2	S 1	6	3	011		
3	391	514	43°	38°	35°	51°	262	223	93	95	S 0°	SE 0°	7	4	011	☼ ⁰ (mist) 9p.	
4	439	383	43°	40°	35°	51°	264	226	94	90	S 0°	S 0°	5	4	—	☼ ⁰ (mist) 9p.	
5	375	403	41°	43°	36°	49°	250	260	95	92	S 0°	SE 1	3	3	017	☼ ⁰ (mist) 9p.	
6	413	453	42°	43°	41°	50°	257	253	94	90	SSW 0°	SE 0°	2	10	—	☼ ⁰ (mist) 9p.	
7	507	540	39°	41°	39°	47°	225	207	92	78	Calm	0	SE 0°	6	10	—	☼ ⁰ (mist) p.
8	520	422	40°	41°	38°	46°	193	211	77	81	ESE 0°	ESE 1	6	10	—	☼ ⁰ (mist) p.	
9	284	30°100	41°	42°	40°	46°	221	249	85	91	SE 2°	E 3	9	10	015	☼ ⁰ 648	
10	30°032	29°906	50°	52°	42°	54°	337	344	91	88	SSE 1	SE 3°	5	10	152		
11	29°856	807	48°	46°	45°	52°	324	282	95	91	Calm	0	SSE 1°	10	8	☼ ⁰ (mist) 9p.	
12	584	568	47°	43°	41°	50°	281	254	86	88	SSE 1	SSE 1	3	5	—	☼ ⁰ (mist) 9p.	
13	881	708	38°	41°	35°	48°	207	218	90	85	S 1	SSE 4	3	10	098	☼ ⁰ (mist) 9p.	
14	29°583	899	52°	43°	43°	54°	331	238	84	83	SSW 4	SSW 2	7	10	038		
15	30°127	966	40°	42°	38°	50°	202	239	80	88	S 1	S 1	0	10	170	Squally all day.	
16	006	30°394	37°	35°	35°	47°	184	184	83	87	W 1	SW 0°	4	0	050	☼ ⁰ p.	
17	334	303	47°	47°	33°	50°	301	275	92	84	SW 2	SW 2°	8	10	038	☼ ⁰ p.	
18	284	297	47°	47°	44°	51°	309	306	94	92	W 1	WSW 2°	10	10	041		
19	101	564	49°	36°	36°	49°	323	184	91	85	WSW 2°	SW 1	10	0	065	☼ ⁰ (mist) 9p.	
20	794	886	37°	42°	31°	49°	180	199	85	73	W 0°	WSW 1	0	10	—		
21	849	827	45°	48°	41°	50°	239	299	79	89	WSW 1	WSW 1°	7	10	—	☼ ⁰ (mist) 9p.	
22	839	798	48°	47°	46°	51°	301	263	90	81	WNW 0°	NW 0°	7	10	—		
23	721	558	44°	44°	43°	50°	240	251	82	86	Calm	0	WSW 1	8	10	—	
24	416	30°227	43°	42°	42°	47°	232	248	80	90	Calm	0	Calm	0	10	—	
25	30°060	29°789	42°	48°	40°	55°	243	312	90	91	SE 1	SSE 2	10	10	070	☼ ⁰ (mist) 9p.	
26	29°214	29°046	52°	50°	48°	57°	354	341	89	93	SSE 2	Calm	0	10	109		
27	28°885	28°875	49°	46°	45°	54°	320	294	89	94	SSE 1	Calm	0	7	10	450	
28	29°084	29°327	47°	45°	44°	52°	306	280	92	93	SW 1	SW 1	10	10	006	☼ ⁰ (mist) 9p.	
29	29°346	28°821	43°	42°	39°	48°	229	234	80	88	SSE 0°	ENE 3	5	10	368		
Means	30°122	30°099	44°	44°	40°	50°	263	255	87°6	87°6	1°0	1°3	6°3	8°1	2°414		

DUNROBIN CASTLE.

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

MARCH 1882.

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°	38°	35°	40°	in.	in.	%	%	SE	E	—	—	ins.	[●] (sleet)
2	29°250	29°209	37°4	38°4	35°6	40°3	186	190	83	82	E	E	—	—	530	(gale) from SE. ▲ showers. ✕
3	189	438	40°4	42°2	35°6	42°5	242	233	97	87	E	E	—	—	170	(gale) with ● showers. Stormy.
4	590	530	42°4	39°4	38°6	45°0	252	231	93	96	E	E	—	—	050	Dull a. ● showers. Fine and milder
5	220	29°269	42°2	40°4	38°6	46°3	233	211	87	84	NW	NW	—	—	190	Dull. ● ² showers.
6	070	28°885	45°4	40°4	37°6	52°7	230	211	76	84	W	W	—	—	330	Dull and cold.
7	378	30°005	35°3	28°8	28°5	41°7	148	144	71	91	W	NE	—	—	300	✕ showers. Squally p.
8	581	29°515	38°2	50°5	27°5	53°0	190	317	87	87	S	SW	—	—	430	✕ showers.
9	515	078	42°4	49°5	40°2	53°3	260	286	99	81	SW	NW	—	—	—	Fine and mild.
10	547	719	45°4	45°4	35°6	55°3	260	287	87	95	S	S	—	—	—	Dull all day.
11	29°651	29°984	45°2	41°4	39°1	51°3	262	259	88	99	S	S	—	—	200	Fine a. Squally. ✕ ● (sleet) p.
12	30°104	30°165	45°4	40°4	36°1	50°0	283	220	94	88	SW	SW	—	—	030	Fine.
13	114	027	44°4	48°5	37°6	53°7	293	342	100	100	SW	SW	—	—	—	Fine all day.
14	119	171	52°5	50°5	47°6	55°7	368	355	94	97	W	W	—	—	—	Fine a. Blowy p.
15	066	159	50°3	45°2	43°7	54°7	344	273	95	91	W	W	—	—	030	Fine.
16	286	133	44°4	47°5	35°1	51°0	272	316	93	97	SE	W	—	—	—	Fine.
17	101	309	52°5	50°5	42°7	56°0	373	288	95	79	SW	SW	—	—	—	Cold. Dry wind.
18	383	30°261	48°0	47°5	46°2	56°4	278	239	84	73	W	W	—	—	—	Fine and mild.
19	30°056	29°910	45°4	47°2	39°1	51°3	260	266	87	83	SW	SW	—	—	120	Fine, but cold.
20	29°793	29°455	42°0	42°9	41°7	50°7	256	246	93	89	E	SW	—	—	030	Dull a. ● showers p.
21	429	322	44°3	38°4	34°0	47°7	202	193	69	84	W	W	—	—	120	Fine a. ✕ ● (sleet) p.
22	29°414	29°621	34°3	34°8	30°5	39°5	118	155	60	76	NW	N	—	—	260	✕ showers.
23	30°170	30°105	38°4	35°3	33°3	42°3	159	151	68	72	W	W	—	—	—	Clear and cold.
24	29°862	29°587	48°0	40°4	34°7	51°5	234	211	70	84	W	NW	—	—	010	Dull and mild.
25	015	209	45°2	36°3	35°1	47°7	262	188	88	88	W	W	—	—	360	● showers.
26	209	225	40°9	38°4	34°5	46°3	202	216	79	93	NW	W	—	—	110	● showers.
27	367	741	43°4	41°4	34°5	46°0	251	242	89	93	W	W	—	—	370	Clear and cold.
28	591	765	42°4	42°4	39°1	49°5	252	269	93	99	W	W	—	—	090	● a. Dull and cold.
29	720	639	46°4	44°2	42°4	49°5	316	274	100	95	W	W	—	—	500	Dull a.
30	517	444	43°4	41°2	40°5	48°7	266	244	95	95	NE	NW	—	—	140	—
31	567	664	42°4	36°8	36°6	47°5	241	210	89	97	NE	N	—	—	—	Mild a. Cold wind p.
31	29°620	29°666	41°4	42°2	35°6	45°3	246	229	95	86	NE	NE	—	—	240	Mild.
Means	29°664	29°713	43°6	42°2	37°3	49°1	250	242	87°0	88°5	—	—	—	—	4°610	

BRAEMAR.

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

MARCH 1882.

1	29° 113	29° 095	31° 0	30° 8	37° 4	*166	*169	96	95	NE	6	NE	2	10	10	*250	✱ all day.
2	*058	*288	35° 9	34° 4	30° 7	37° 8	*205	*189	97	NE	2	NE	4	10	10	1'100	
3	*541	*586	35° 5	33° 7	33° 7	40° 2	*197	*194	95	100	NE	4	E	0° 5	10	9	—
4	*285	29° 314	38° 2	32° 2	32° 1	43° 1	*186	*167	81	71	SW	2	SW	4	7	7	*040
5	*175	28° 929	41° 4	40° 9	38° 6	46° 5	*205	*226	79	82	SW	4	SW	6	7	7	Cold, with ☀ showers.
6	*484	30° 007	30° 7	26° 5	26° 5	44° 5	*108	*119	63	84	NW	6	SW	2	10	8	Stormy.
7	*667	29° 596	34° 7	49° 6	25° 4	49° 9	*199	*298	94	84	SW	4	SW	10	8	0	*030
8	*604	30° 064	47° 5	38° 6	38° 5	49° 9	*263	*178	81	76	SW	6	SW	2	9	8	☀
9	*714	29° 805	44° 9	41° 4	37° 3	49° 5	*265	*216	90	83	SW	10	SW	4	9	6	Dull.
10	29° 054	29° 958	44° 6	36° 0	35° 7	49° 3	*238	*191	77	90	SW	4	SW	4	8	6	Fair a. ☀ p.
11	30° 166	30° 172	37° 6	37° 8	33° 7	44° 0	*187	*203	83	90	SW	4	SW	2	6	2	*230
12	*212	*147	40° 2	43° 6	36° 5	47° 5	*201	*238	81	84	W	6	SW	4	8	8	☀ showers a. Stormy p.
13	*180	*230	46° 9	45° 5	43° 6	52° 3	*283	*270	89	87	W	4	SW	4	6	7	☀ showers.
14	*127	*071	45° 3	45° 9	44° 6	49° 5	*261	*264	87	86	SW	4	SW	2	7	8	Fair and clear.
15	*350	*268	40° 2	41° 6	36° 4	46° 2	*175	*207	79	79	SW	2	SW	4	3	4	*050
16	*256	*363	48° 0	44° 0	41° 6	55° 3	*253	*234	65	81	W	4	SW	2	2	4	Fair and clear. Cold wind.
17	*394	30° 345	44° 6	40° 9	37° 5	52° 8	*215	*205	73	81	SW	2	SW	2	0	1	Fair and clear.
18	30° 123	29° 925	41° 3	45° 6	35° 0	48° 5	*234	*259	91	85	SW	4	SW	2	7	8	Clear a. ☼ ⁰ (mist). ☼.
19	29° 776	*435	44° 3	46° 4	42° 5	48° 3	*231	*271	79	87	SW	4	SW	6	6	4	Fine a. ☀ showers p.
20	*490	*418	37° 8	35° 7	34° 4	48° 3	*197	*160	87	76	SW	4	SW	6	7	6	☀ showers.
21	29° 429	29° 554	29° 9	30° 3	26° 4	43° 7	*111	*139	67	81	SE	0° 5	NW	6	10	290	☀ showers.
22	30° 118	30° 161	31° 7	31° 5	29° 2	43° 9	*151	*159	85	90	N	10	W	2	9	8	☼ ² (hurricane) 2a.
23	29° 820	29° 700	39° 0	38° 8	31° 5	46° 3	*181	*228	74	97	SW	2	SW	0° 5	8	2	*070
24	*126	*292	42° 3	33° 7	33° 7	45° 6	*232	*157	87	81	SW	4	SW	6	10	3	☀ showers.
25	*332	*284	35° 7	34° 5	32° 6	42° 1	*155	*184	74	92	SW	4	SW	2	4	6	☀ showers.
26	*361	*814	36° 5	33° 4	32° 0	41° 5	*170	*153	79	80	NW	6	NW	2	6	0	*070
27	*645	*801	40° 3	40° 4	33° 4	42° 7	*197	*211	79	84	W	4	SW	4	8	6	*270
28	*710	*636	45° 8	47° 2	39° 3	52° 2	*278	*288	91	90	SW	2	SW	4	10	7	☀ showers.
29	*492	*444	47° 7	38° 2	38° 0	50° 2	*258	*185	79	80	SW	4	SW	2	8	7	*020
30	*484	*610	38° 4	32° 7	32° 4	45° 2	*181	*161	79	87	NE	1	NE	4	7	10	*050
31	29° 560	29° 648	34° 7	35° 3	32° 6	47° 7	*166	*201	82	97	NE	2	E	1	8	7	*130
Means	29° 692	29° 741	39° 8	38° 6	34° 7	46° 3	*203	*204	81° 7	85° 6		4° 0		3° 4	7° 2	6° 1	4° 080

LAUDALE.

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

MARCH 1882.

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.	39°0	39°9	37°0	40°8	in.	in.	%	%					ins.		
2	28°990	29°000	37°5	42°8	35°9	46°0	*199	*190	84	77	E	5	E	3	*060	Dull and gloomy. * showers all day.	
3	29°005	*232	37°5	42°8	35°9	46°0	*205	*221	92	80	E	1	E	5	*080	* showers a. * (sleet). Dry p.	
4	*507	*518	44°4	44°0	41°2	44°9	*238	*263	81	91	E	3	E	2	*150	* showers.	
5	*328	*413	43°9	44°9	39°9	47°7	*243	*248	84	84	W	4	W	5	*490	* showers. (mist) on the hills.	
6	*138	*081	49°0	44°0	42°9	50°8	*298	*240	86	83	WSW	8	WSW	5	*380	Bar. began to rise 6.30p.	
7	*618	*974	37°1	36°0	32°9	44°0	*164	*160	74	75	WNW	8	E	1	*180	* showers a.	
8	*620	*9633	50°1	53°3	51°3	54°0	*328	*357	91	88	SSW	7	SW	9	*250	* till 4.30a., wind ESE., then	
9	*649	30°012	51°0	46°0	43°3	54°6	*301	*244	81	79	SW	8	SW	3	*360	(mist) a. and p. (sleet), wind S.	
10	*719	29°804	51°0	49°1	41°3	54°6	*328	*275	87	79	S	8	SW	7	*280	— noon—6p.	
11	29°771	30°027	50°0	43°6	41°3	50°0	*286	*219	80	77	SW	8	WSW	5	*640	from 7a.	
12	30°221	*233	44°8	45°7	38°0	46°8	*235	*243	79	80	W	4	WSW	4	*120	* n. and a. ∞.	
13	*250	*230	48°0	49°0	44°0	49°2	*267	*396	80	85	WSW	7	SW	3	*100	(mist) a. and p. all day.	
14	*271	*321	49°3	49°2	47°2	51°7	*321	*319	92	92	SW	6	S	2	*100	(mist) a. * showers	
15	*176	*555	48°0	44°0	43°3	50°3	*281	*270	85	94	SW	4	WSW	2	*200	all day. [p	
16	*417	*304	45°0	48°8	38°0	49°2	*220	*278	74	80	SW	1	WNW	7	—	all day.	
17	*337	*441	52°0	49°0	47°9	52°8	*287	*380	74	80	W	8	SW	2	—	(gale) all past n. all day.	
18	*454	30°318	47°2	47°3	45°2	49°9	*295	*294	92	91	Calm	0	W	2	*080	(mist) a. all day. Gloomy.	
19	30°113	29°882	47°0	47°2	44°5	51°8	*293	*308	92	96	WSW	1	WSW	2	*240	* showers p. [showers.	
20	29°762	*483	47°0	47°0	42°2	51°6	*284	*346	89	93	WSW	2	SSW	2	*650	* showers [all day.	
21	*490	*359	41°0	39°9	36°0	45°1	*213	*208	83	85	SSW	4	W	4	*550	(a. Very high tide. * showers.	
22	29°490	29°689	32°0	37°5	28°5	40°4	*177	*195	97	87	NNW	4	NNW	6	*220	* 3 inches deep ya. * showers	
23	30°337	30°182	38°8	40°5	34°0	43°7	*183	*202	78	81	N	5	N	2	*250	* a. ∞ sp.	
24	29°847	29°671	46°3	45°0	39°9	48°7	*279	*257	90	86	SW	5	W	3	*700	* a. Dark and gloomy with * p.	
25	*109	*306	50°4	41°0	38°0	50°8	*333	*215	91	84	WSW	9	W	6	*270	* a. * (sleet) showers p.	
26	*395	*283	39°6	41°8	36°3	44°7	*202	*225	83	85	WNW	7	NW	4	*290	* (sleet) showers a.	
27	*554	*852	41°9	43°8	34°5	45°3	*212	*232	80	80	NNW	8	NNW	4	*320	[showers all day.	
28	*721	*896	46°0	46°4	41°2	47°1	*265	*271	86	87	WSW	8	WSW	5	*600	* showers all day. * p.	
29	*762	*757	50°8	49°8	45°4	52°5	*338	*337	91	94	WSW	5	WSW	7	*820	all day.	
30	*542	*491	49°0	42°0	40°9	50°7	*287	*241	83	91	SW	6	WSW	2	*230	* showers all day. * p.	
31	*518	*657	44°8	39°0	37°0	47°3	*235	*199	79	84	N	4	NE	2	*010	* showers a.	
Means	29°731	29°769	45°2	44°3	39°4	48°5	*258	*250	84°5	85°0		5°2	3°8	8°2	7°5	8°560	Dry and cold. Grey ∞ round moon. [W.

DUNDEE.

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

MARCH 1882.

1	29°09'S	29°03'1	34°5	35°5	34°2	37°9	*182	*191	91	92	SE	12	SE	12	10	10	1'350	2 (violent gale) with 2 and 2 (sleet).
2	*042	*210	41°4	41°4	34°2	41°8	*242	*242	93	93	SE	2	SE	10	10	10	*150	2 (violent gale) 2 * n. Fine 3p.
3	*499	*586	40°4	37°4	37°3	45°7	*232	*206	93	92	SE	2	SW	1	10	10	—	Dull day.
4	*349	29°34'6	40°4	39°4	34°2	47°7	*213	*205	85	85	SW	1	W	2	10	10	—	Dull day.
5	*278	28°9'80	43°4	45°4	39°3	47°7	*241	*260	85	87	W	8	W	10	10	10	*050	(gale) ● showers from 10a.
6	*503	30°05'5	38°4	30°5	30°2	45°7	*134	*148	58	87	NW	10	N	1	7	7	*050	(gale) n. and till 3p. [2 from 2p.
7	*749	29°6'65	37°4	51°4	30°2	52°7	*172	*328	77	86	SE	1	W	10	10	10	*050	(gale) * n. ● show rs till noon.
8	*681	30°05'5	51°4	41°4	37°3	51°7	*304	*221	80	86	W	10	W	2	10	0	*050	Gusty * n. and during day. ●
9	*836	29°8'61	48°4	45°4	38°3	51°7	*291	*260	86	87	SW	2	SW	2	10	10	*100	from 6a. [showers till 1p.
10	29°7'96	30°04'1	47°4	40°4	41°3	52°7	*260	*213	80	85	SW	8	SW	8	W	6	*100	in past night.
11	30°24'1	*265	43°4	41°4	37°3	49°7	*241	*221	85	86	NW	1	W	2	5	7	*100	Fine.
12	*284	*230	44°4	45°4	38°3	48°7	*230	*260	79	87	W	4	W	6	10	7	—	Cloudy.
13	*301	*304	47°4	49°4	45°3	52°7	*282	*280	87	80	SW	6	W	10	10	10	—	(gale) from 10a.
14	*217	*109	46°4	47°4	46°3	51°7	*271	*260	87	80	SW	6	SW	6	10	10	—	Cloudy.
15	*408	*378	43°4	44°4	38°3	45°7	*202	*230	72	79	W	1	W	6	5	10	—	Dull.
16	*308	*384	48°4	46°4	43°3	57°7	*213	*231	63	74	W	10	W	10	5	10	—	(gale) n. and during day.
17	*458	30°37'6	45°4	41°4	40°3	53°7	*240	*242	80	93	W	1	W	2	5	0	—	Fine.
18	30°1'68	29°9'86	43°4	47°4	37°3	48°7	*241	*282	85	87	SW	1	W	1	10	10	—	Dull.
19	29°8'26	*479	47°4	48°4	45°3	49°7	*282	*291	87	86	SW	2	SW	8	10	10	*050	showers.
20	*505	*439	42°4	38°4	38°4	48°7	*212	*214	79	93	SW	1	SW	8	10	10	*050	(stormy) from noon.
21	29°44'2	29°57'2	34°5	32°5	32°2	39°8	*146	*166	73	90	NW	1	NW	8	10	10	*050	Dull. * 9p.
22	30°0'99	30°20'2	37°4	35°5	32°2	41°8	*126	*155	57	74	NW	10	NW	1	0	0	—	* n. (gale) n. and till afternoon.
23	29°8'71	29°7'11	41°4	42°4	35°3	49°7	*242	*231	93	86	SW	1	W	1	10	10	—	Dull.
24	*228	*320	45°4	36°4	36°3	51°7	*260	*182	87	84	SW	8	SW	4	10	7	*050	(gale) 10a.-4p. ● showers till 3p.
25	*374	*290	41°4	39°4	34°2	46°7	*186	*205	72	85	W	4	W	2	5	7	—	Fine.
26	*344	*807	41°4	38°4	34°2	46°7	*203	*163	79	70	NW	6	NW	2	0	0	—	(gale) 9.30a.-5p. (2, violent gale
27	*649	*847	49°4	44°4	37°3	53°7	*222	*230	63	79	W	10	W	4	5	7	—	(gale) 8a.-4p. [1p.-4p.)
28	*793	*609	47°4	50°4	44°3	53°7	*282	*315	87	86	W	2	W	2	10	10	*050	Dull.
29	*548	*412	50°4	40°4	40°3	56°7	*349	*213	93	85	SW	6	W	2	10	10	—	Dull.
30	*461	*576	41°4	35°5	31°2	47°7	*203	*172	79	83	NW	1	NE	1	10	10	—	Dull.
31	29°54'6	29°62'8	40°4	37°4	35°2	43°8	*177	*206	71	92	NE	2	NE	1	10	10	*050	Dull.
Menns	29°73'S	29°76'9	43°4	41°6	37°4	48°9	*228	*227	80°2	85°1	4°5		4°6	8°1	8°0	2°200		

ROTHESAY.

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

MARCH 1882.

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	36.0	35.7	39.0	in.	in.	%	%	E	ENE	—	—	ins.	☼ (gale) with ☼ * (sleet).
2	28.938	28.978	37.3	36.0	35.7	39.0	2.03	1.95	91	92	E	ENE	—	—	ins.	Damp. Fair p.
3	28.993	29.206	38.1	42.1	34.2	43.3	2.19	2.28	95	85	Caln	NE	—	—	0.80	Fine.
4	487	475	42.6	44.1	35.7	48.5	2.64	2.37	97	81	SW	WNW	—	—	0.30	☼ showers.
5	374	29.155	45.6	46.1	41.1	51.9	2.73	3.03	90	97	SW	WSW	—	—	1.00	Dull with ☼.
6	651	30.029	39.3	43.6	31.5	46.5	1.50	2.52	62	89	NW	SE	—	—	760	☼ showers.
7	764	29.742	36.0	53.5	31.2	55.0	2.12	3.73	100	91	Caln	SW	—	—	300	Dull with ☼ * (sleet).
8	730	30.084	51.0	43.1	42.1	53.9	3.16	2.58	84	93	SW	W	—	—	1.50	☼ a. Fair p.
9	848	29.914	49.6	47.5	37.1	55.0	3.32	2.63	94	81	S	SW	—	—	1.75	Dull.
10	29.893	30.120	48.5	43.1	41.4	52.9	2.97	2.44	88	87	SW	W	—	—	0.50	☼ (fierce blasts). ☼.
11	30.291	30.6	45.1	45.1	39.4	50.4	2.56	2.56	85	85	W	W	—	—	—	Clear and fine. Breezy.
12	302	325	46.6	47.0	40.6	51.4	2.62	2.84	83	89	SW	SW	—	—	—	Clear and fine. Breezy.
13	355	380	47.5	49.0	43.1	50.9	3.09	3.15	95	91	SW	SW	—	—	—	Breezy and fine.
14	258	168	47.8	50.0	44.1	50.9	2.77	3.14	84	87	SW	WSW	—	—	—	Breezy and fine.
15	462	462	46.7	46.6	35.5	50.4	2.75	2.45	87	78	WSW	WSW	—	—	0.90	Clear and fine. Breezy.
16	438	462	52.6	46.6	41.6	57.5	2.57	2.85	65	90	W	W	—	—	—	Clear and fine. Breezy.
17	509	386	46.3	43.1	42.1	49.9	2.57	2.69	83	97	SW	SW	—	—	—	Breezy and fine.
18	30.181	30.005	47.0	48.0	41.1	52.9	3.03	3.14	94	94	SW	SW	—	—	0.23	Breezy and fine.
19	29.844	29.523	47.0	49.0	44.1	49.4	2.91	3.35	91	97	SSW	SW	—	—	0.85	Dull with ☼ showers.
20	570	476	40.6	41.1	36.2	49.9	2.36	2.16	93	84	WNW	SW	—	—	2.40	☼ (fierce blasts).
21	29.483	29.700	33.0	34.5	28.7	41.5	1.78	1.80	95	90	NE	NW	—	—	2.68	* 2 showers. * 4 ins. deep.
22	30.201	30.235	38.1	39.1	32.2	45.5	1.56	1.82	68	77	NW	SW	—	—	0.60	Clear and fine.
23	29.917	29.743	45.6	44.1	37.1	52.9	2.97	2.58	97	89	SW	S	—	—	0.40	☼ showers.
24	265	426	49.5	38.6	36.7	50.4	3.21	2.05	91	88	SW	NW	—	—	3.80	☼ (fierce blasts).
25	464	336	40.7	40.4	34.2	46.9	2.20	2.28	87	91	WNW	W	—	—	2.12	☼ showers.
26	502	919	40.1	38.6	34.2	47.2	2.12	2.05	85	88	NW	Caln	—	—	0.55	☼ showers.
27	560	967	46.6	45.4	37.1	50.4	2.62	2.53	83	84	W	WNW	—	—	1.00	☼ showers. ☼.
28	856	826	48.5	49.0	43.6	52.9	3.34	3.27	98	94	SW	SW	—	—	3.36	Dull and damp. ☼.
29	649	497	48.0	42.6	40.6	51.7	3.02	2.53	91	93	SW	NW	—	—	1.80	
30	533	623	43.1	39.6	36.2	52.4	2.37	2.13	85	88	NW	ENE	—	—	—	
31	29.583	29.660	43.1	39.1	32.7	49.9	1.90	2.09	68	83	ENE	ENE	—	—	—	Fine.
Means	29.795	29.830	44.3	43.7	37.7	49.9	2.56	2.55	87.1	88.7	—	—	—	—	4.147	

PINMORE.

Height above Mean Sea Level, 187 feet. Long. 4° 59' W. Lat. 55° 14' N.

MARCH 1882.

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	28.881	28.924	38.6	38.2	37.2	45.2	2.05	1.90	88	83	E	E	—	—	0.40	
2	29.004	29.112	36.2	41.5	35.5	42.3	1.95	2.37	91	91	SE	SE	—	—	1.00	
3	362	485	40.1	40.1	39.4	49.2	2.23	2.23	90	90	SW	SW	—	—	0.90	
4	502	559	42.0	43.0	36.0	48.2	2.31	2.21	87	80	NW	NW	—	—	—	
5	496	29.237	44.4	45.9	37.9	49.2	2.65	2.60	91	85	NW	NW	—	—	1.50	
6	676	30.037	37.2	34.3	33.9	46.2	1.75	1.44	79	72	NW	N	—	—	2.90	
7	797	29.819	40.8	52.8	33.5	55.1	3.15	3.53	88	88	N	S	—	—	3.50	
8	793	30.168	43.9	35.3	34.5	53.1	3.13	1.95	91	94	W	NW	—	—	—	
9	900	29.995	48.8	44.0	32.5	52.1	3.12	2.59	91	90	SW	SW	—	—	5.50	
10	29.960	30.178	49.3	42.0	42.0	55.1	2.88	2.41	82	91	SW	W	—	—	0.30	
11	30.331	32.8	42.0	41.9	35.5	50.1	2.05	2.22	77	85	NW	N	—	—	—	
12	406	367	44.4	44.4	32.5	50.1	2.44	2.34	83	80	NW	W	—	—	—	
13	406	398	47.9	47.9	43.4	54.1	2.79	2.79	85	85	W	NW	—	—	—	
14	282	220	45.8	47.4	45.3	52.1	2.21	2.64	72	81	NW	W	—	—	—	
15	465	487	44.9	44.0	36.5	52.1	2.69	2.38	91	82	W	W	—	—	—	
16	483	507	44.9	41.0	39.4	59.6	2.28	2.42	77	94	NW	NW	—	—	—	
17	517	384	44.0	44.0	41.0	47.2	2.38	2.38	82	82	NW	NW	—	—	—	
18	30.198	30.027	46.4	48.4	43.4	52.1	2.87	2.75	91	81	SW	SW	—	—	0.60	
19	29.866	29.561	47.9	47.9	47.9	52.1	2.79	3.04	85	92	S	S	—	—	1.10	
20	584	566	43.0	43.0	41.4	52.1	2.49	2.49	90	90	S	S	—	—	1.50	
21	29.495	29.753	34.3	34.3	32.5	43.0	1.88	1.88	95	95	N	N	—	—	2.80	
22	30.199	30.268	41.5	34.3	34.3	47.2	1.71	1.78	66	89	SE	SE	—	—	1.00	
23	29.943	29.778	44.0	44.9	34.3	47.2	2.70	2.81	94	95	SE	SE	—	—	1.10	
24	389	503	46.4	39.6	33.5	49.2	2.75	2.29	88	94	SW	NW	—	—	6.10	
25	519	377	39.6	40.1	35.5	45.2	2.29	2.42	94	97	NW	SW	—	—	3.00	
26	533	29.942	38.2	39.6	36.5	47.2	2.16	2.29	94	94	N	N	—	—	1.40	
27	867	30.017	44.9	43.5	39.4	50.1	2.69	2.65	91	94	NW	NW	—	—	1.90	
28	913	29.878	47.9	49.8	43.5	53.1	3.13	3.27	95	91	N	SW	—	—	0.70	
29	665	491	49.8	43.0	39.4	53.1	3.40	2.49	95	90	SW	SW	—	—	1.90	
30	518	569	45.4	37.7	36.5	51.1	2.24	1.95	74	86	NW	NW	—	—	1.00	
31	29.565	29.662	39.9	39.1	31.0	50.1	1.99	2.17	81	91	NE	NE	—	—	—	
Means	29.823	29.856	43.8	42.4	37.6	50.1	2.49	2.41	86.4	88.1	—	—	—	—	4.060	

SCALEBY (NEAR CARLISLE).

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

MARCH 1882.

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.	39.6	37.8	36.0	42.0	in.	in.	%	%	E	E	8	10	ins.		
2	28.862	28.900	39.6	37.8	36.0	42.5	2.15	2.15	89	95	E	E	2	10	2.20		
3	28.969	29.102	41.0	39.3	36.2	42.5	2.30	2.38	90	99	E	E	2	10	1.50		
4	29.358	29.585	39.8	38.3	37.0	44.6	2.13	2.19	88	95	E	NE	1	8	6		
5	493	475	42.3	41.8	35.2	49.5	2.41	2.03	90	77	SW	SW	5	10	0		
6	431	29.203	44.8	46.8	41.0	49.2	2.54	2.71	85	85	SW	SW	9	10	3	☼ 2, with squalls, a. and p.	
7	808	30.134	38.8	31.8	31.5	48.0	1.96	1.37	83	76	SW	NE	2	1	0	0.70	
8	863	29.849	42.3	52.8	31.0	54.5	2.45	3.30	92	82	SE	SW	7	10	10	0.20	
9	997	30.147	51.3	40.0	40.0	54.0	3.11	2.31	82	94	SW	SW	2	10	0		
10	29.971	29.958	53.3	45.8	37.5	56.2	2.89	2.94	72	95	SW	SW	2	8	10	2.90	
11	30.376	30.152	51.3	44.8	44.0	54.8	3.16	2.34	83	78	SW	W	7	10	2	☼ 20	
12	420	367	42.8	42.3	36.0	50.5	2.21	2.36	80	88	W	NE	2	5	2	Squally a.	
13	423	452	46.8	46.3	45.0	58.2	2.49	2.44	78	78	SW	SW	4	2	5		
14	481	465	46.0	47.3	40.0	51.2	2.38	2.65	77	82	SW	SW	3	10	10		
15	480	560	43.8	43.8	38.0	53.0	2.43	2.21	85	76	Calm	W	2	0	10		
16	511	521	46.3	43.3	41.0	56.0	2.15	2.49	69	89	W	N	2	8	0		
17	532	437	46.0	44.3	41.9	52.5	2.79	2.51	91	86	SW	SW	1	10	0		
18	30.225	30.119	47.8	48.0	37.6	55.0	2.72	2.58	82	77	SW	W	3	10	7		
19	29.916	29.614	48.8	51.0	46.5	55.1	2.93	3.15	85	84	SE	SW	7	10	10	☼ 240	
20	584	623	44.8	42.8	41.0	52.0	2.71	1.97	92	71	SW	SW	5	10	1	☼ 80	
21	29.422	29.706	38.3	31.8	30.5	48.6	1.82	1.65	79	94	W	W	1	8	1	☼ 020	
22	30.068	30.285	38.8	30.8	29.4	45.0	1.47	1.22	62	71	N	N	1	0	1	☼ before ga. ●.	
23	29.990	29.808	43.3	43.8	29.3	46.2	2.40	2.78	86	98	SW	Calm	0	10	10	☼ 110	
24	389	485	46.8	39.8	38.2	50.5	2.60	1.86	81	76	SW	W	4	10	4	☼ 460	
25	497	414	39.8	41.8	34.0	49.2	2.23	2.21	92	84	W	W	3	10	10	☼ 060	
26	425	29.913	41.8	35.8	33.6	50.0	1.99	1.74	76	83	NW	Calm	0	3	0	☼ 030	
27	896	30.002	44.8	45.8	35.5	54.0	2.54	2.60	85	85	SW	W	5	10	10	☼ 100	
28	940	29.890	46.8	49.8	40.0	50.0	3.05	3.17	95	92	SW	SW	6	10	10	☼ 080	
29	677	536	50.8	44.8	40.0	55.2	3.30	2.39	88	80	SW	SW	8	10	1	☼ 050	
30	511	540	43.8	37.6	36.2	51.0	2.21	1.98	76	87	W	NE	3	10	4	☼ 170	
31	29.533	29.623	41.3	38.8	33.0	49.0	2.51	2.14	97	91	NE	Calm	0	10	0	☼ 260	
Means	29.822	29.873	44.4	42.4	37.3	50.9	2.27	2.33	83.7	84.6		4.3		3.3	8.0	5.1	2.540

DOUGLAS, ISLE OF MAN.

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

MARCH 1882.

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°	41°	40°	44°	in.	in.	90	90	ESE 6	Calm	0	10	ins.	Squally a. ☁ 9a. ● showers.
2	28°788	28°861	40°	39°	38°	42°	241	236	96	98	NW 2	Calm	0	10	135	☁ 9p.
3	29°322	29°399	41°	40°	39°	44°	244	239	95	94	E 3	Calm	0	10	001	☁ 9p.
4	557	593	44°	45°	39°	49°	259	275	90	92	W 3	W 3	9	8	028	
5	509	29°316	44°	46°	39°	48°	295	302	100	95	SSW 5	WSW 5-6	10	3	186	
6	744	30°070	40°	39°	36°	47°	232	196	92	80	WNW 6	SE 3	3	10	810	Squally a. ☁ 10.15a. ● from
7	897	29°905	49°	49°	39°	51°	348	348	100	97	SW 5	SW 7	10	8	004	☁ a. Squally p.
8	29°900	30°142	49°	45°	41°	52°	343	263	99	87	SW 7	Calm	0	10	018	Squally a. ☁ 10.30a.—Noon.
9	30°032	29°964	48°	49°	41°	50°	336	348	100	100	SSW 7	SW 6-7	10	10	008	Squally a. and p.
10	074	30°220	50°	47°	44°	51°	322	279	88	94	WSW 5-6	WNW 4	8	0	138	
11	410	386	44°	43°	38°	48°	263	266	91	96	WSW 3	W 3	9	0	—	
12	477	449	46°	44°	33°	51°	286	280	92	95	WSW 4	SW 3	4	3	—	
13	508	472	46°	43°	43°	51°	281	269	88	94	WSW 4	SW 2	9	0	—	
14	385	292	44°	46°	43°	50°	253	310	86	97	WSW 4	SW 5	10	3	—	
15	536	577	48°	44°	41°	52°	280	265	82	92	WNW 1	W 3	1	2	—	
16	592	557	47°	44°	41°	53°	296	288	89	100	W 1	W 1	6	10	—	
17	564	413	46°	43°	39°	47°	293	285	94	100	Calm	0	10	10	—	
18	30°277	30°083	47°	48°	43°	50°	316	309	98	90	SW 3	SW 1	10	4	040	
19	29°949	29°641	47°	48°	46°	51°	315	328	96	98	S 3	SSW 7	10	10	296	
20	648	622	44°	43°	42°	48°	255	227	87	79	WNW 3	SW 5	8	6	045	
21	29°576	29°798	37°	34°	31°	43°	176	175	77	87	WNW 6-7	NW 4	7	0	140	☁ a. ☁ 1p.—5p. ☁
22	30°196	30°312	42°	36°	33°	45°	192	175	72	82	NNW 6	Calm	0	1	3	☁ nearly all day.
23	30°033	29°802	43°	46°	35°	48°	282	319	99	100	SW 4	Calm	0	10	10	Squally a. ☁ 2 showers.
24	29°461	29°565	46°	42°	42°	51°	306	239	95	88	SW 6	W 4	10	7	123	Squally a. ☁ 2 showers.
25	610	365	45°	40°	40°	48°	292	245	96	99	WNW 7	Calm	0	7	10	Squally a. ☁ 2 showers.
26	29°595	29°985	41°	41°	37°	46°	241	251	93	96	WNW 7	NW 6	7	3	073	Squally a. ☁ 2 showers.
27	30°019	30°068	46°	45°	41°	51°	270	270	85	80	WNW 7-8	W 6	6	6	104	Squally a. ☁ 2 showers.
28	30°015	29°925	46°	51°	45°	52°	312	348	98	93	WSW 6	WSW 5	10	10	010	Squally a. ☁ 2 showers.
29	29°749	29°620	50°	44°	44°	53°	328	266	91	90	WSW 5	WSW 4	7	3	018	Squally a. ☁ 2 showers.
30	580	530	44°	40°	40°	48°	259	241	90	96	WNW 5	NE 2	8	7	040	(force 7) 11a.
31	29°521	29°583	41°	41°	37°	46°	235	246	89	96	ENE 4	NE 2	6	4	023	T p.
Means	29°887	29°896	45°	43°	40°	49°	278	269	91°	93°	4°	3°	7°	5°	3°294	☁ p.

WAKEFIELD.

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

MARCH 1882.

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	28°802	28°912	43°	43°	40°	47°	274	255	98	89	N 2	S 2	10	10	200	
2	29°043	29°191	43°	40°	39°	44°	232	225	83	91	SSW 2	S 2	10	10	280	Dull and gloomy.
3	410	592	39°	35°	35°	41°	229	184	94	88	E 2	ENE 2	10	4	—	
4	595	582	36°	45°	32°	46°	205	252	96	84	SW 2	SSW 4	10	3	040	
5	589	29°329	47°	49°	43°	51°	233	275	73	78	SSW 4	W 5	7	2	040	Fine.
6	29°730	30°131	40°	37°	35°	49°	192	170	75	76	W 4	SE 1	5	0	010	Fine and bright.
7	30°019	025	47°	54°	33°	58°	277	312	86	74	S 1	SE 3	10	8	040	
8	011	230	54°	49°	47°	59°	309	273	73	78	SW 6	S 5	8	7	020	
9	174	072	55°	53°	41°	57°	302	318	70	78	SSW 6	SSW 6	6	10	—	Fine and bright. Wind rough.
10	098	190	56°	52°	52°	58°	355	296	78	75	SSW 4	SW 3	6	4	—	
11	447	409	42°	36°	36°	54°	238	184	87	85	SW 2	SW 2	10	3	—	Fine.
12	486	496	44°	45°	33°	54°	241	224	83	75	SSW 2	WSW 2	2	3	—	Fine.
13	498	507	48°	42°	36°	51°	260	223	78	82	SW 3	W 2	10	5	—	
14	407	352	42°	38°	30°	52°	241	208	91	90	SW 2	W 2	3	2	—	Fine.
15	512	547	49°	44°	31°	57°	279	224	80	77	W 2	W 3	8	2	—	Fine.
16	553	558	48°	44°	41°	58°	260	239	77	82	W 3	W 2	1	0	—	Dull 9a. Fine after 10.30a.
17	558	488	47°	39°	39°	58°	258	230	80	94	W 2	W 2	10	2	—	Fine.
18	289	30°168	39°	47°	31°	63°	231	269	96	84	SSW 1	W 1	10	3	—	Dull 9a. Fine after 10a.
19	30°011	29°770	52°	50°	38°	59°	287	281	74	79	W 2	SSW 2	10	2	—	Dull 9a. Fine after 10a.
20	29°645	734	45°	42°	42°	52°	204	204	71	75	S 4	SW 3	10	4	140	Dull 9a. Fine after 10a.
21	29°576	29°707	36°	34°	38°	43°	170	139	78	70	W 5	W 3	8	3	—	Rough and wild n., with ☁. Fine after 10a.
22	30°026	30°300	40°	32°	31°	50°	169	136	69	74	NNW 5	W 2	2	0	—	Fine and bright.
23	30°108	29°868	43°	49°	27°	57°	194	295	69	85	SW 2	SW 2	10	10	050	Dull.
24	29°573	508	52°	44°	44°	54°	285	217	73	73	SW 5	WSW 4	8	5	140	
25	581	408	43°	45°	40°	47°	225	252	78	84	WSW 6	S 4	3	10	060	Fine 9a. Dull 9p.
26	29°417	29°867	43°	41°	35°	49°	179	184	64	70	WNW 8	W 7	0	0	—	Rough and wild n. Fine day, with ☁.
27	30°004	30°067	45°	46°	38°	50°	240	259	80	82	W 8	W 6	10	8	—	Rough and wild n. Day dull.
28	30°069	29°955	47°	52°	46°	54°	269	328	81	82	SW 2	W 3	10	7	—	Fine day.
29	29°803	643	50°	47°	45°	58°	340	247	94	77	SW 5	WSW 6	10	6	070	Dull 9a. Fine 9p.
30	559	515	43°	42°	41°	51°	246	223	86	84	W 3	W 3	10	5	010	Fine.
31	29°624	29°624	40°	37°	37°	47°	214	214	86	96	NNW 1	N 2	10	3	170	Fine.
Means	29°908	29°927	45°	44°	38°	52°	247	237	80°	81°	3°	3°	7°	4°	1°850	

LLANDUDNO.

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

MARCH 1882.

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°	44°	43°	48°	in.	in.	90	90	W 1	W 5	7	10	ins.	Squally a. ● showers.	
2	28°769	28°923	46°	41°	39°	48°	280	262	89	90	W 2	W 1	10	10	250	● all day.	
3	29°026	29°209	40°	41°	39°	46°	226	235	92	92	WSW 1	NE 1	10	6	050	● showers till 11a., then very fine.	
4	331	631	40°	41°	38°	46°	233	247	92	94	WSW 1	WSW 1	8	2	—	Fine.	
5	614	654	43°	46°	36°	48°	255	243	92	79	WSW 3	W 3	6	3	080	● showers.	
6	587	29°396	47°	47°	43°	48°	266	276	80	85	SW 3	W 3	1	9	5	Squally before 9a. Very fine.	
7	786	30°118	43°	39°	38°	48°	214	204	75	85	NW 3	W 7	8	10	—	Fine. Squally p.	
8	973	077	52°	52°	38°	55°	336	328	84	84	WSW 7	W 2	6	0	010	Squally a. Fine day. ▲ 1p.	
9	29°994	199	53°	48°	47°	54°	304	299	75	80	SW 5	WSW 6	7	8	—	▲ showers a. Fine p. ▲ 1p.	
10	30°097	054	53°	53°	45°	54°	317	339	76	82	WSW 5	W 1	6	2	—	Squally a. Very fine day.	
11	080	266	52°	48°	48°	56°	353	276	88	80	WSW 5	W 1	8	0	—	Dull.	
12	440	418	43°	46°	40°	49°	229	262	81	85	W 1	W 1	8	0	—	Very fine.	
13	504	507	48°	46°	39°	51°	272	235	82	74	SW 2	W 1	2	0	—	Very fine.	
14	588	515	46°	49°	43°	51°	272	238	86	80	W 1	W 1	10	0	—	Very fine.	
15	409	345	47°	48°	37°	53°	245	241	74	70	WSW 2	W 1	8	10	—	Very fine.	
16	539	622	47°	46°	45°	54°	286	262	89	85	SW 1	SW 1	10	0	—	Very fine.	
17	603	583	53°	44°	42°	56°	283	253	68	86	WSW 2	W 1	2	0	—	Very fine.	
18	580	455	45°	44°	41°	50°	252	281	84	97	SW 1	E 1	7	2	—	Very fine.	
19	30°308	30°153	47°	48°	41°	54°	284	309	87	93	W 1	W 2	4	0	—	Dull a. Fine p.	
20	29°983	29°715	55°	51°	45°	55°	302	298	69	80	S 1	WSW 4	7	8	280	Dull day. Windy p. Squally 9p.	
21	055	791	46°	45°	42°	53°	304	224	97	75	W 1	W 3	10	1	190	● showers a. Fine p. Squally 9p.	
22	29°639	29°837	39°	36°	34°	53°	174	152	71	70	WSW 5	NE 4	7	2	070	Squally a. and p. with ★ ▲	
23	30°213	30°331	41°	40°	36°	50°	159	176	62	70	NE 7	N 1	3	4	—	Fair but squally.	
24	30°105	29°860	47°	42°	37°	49°	238	333	74	96	NW 2	W 1	9	10	110	Fair a. ● 0 p.	
25	29°586	627	50°	45°	45°	51°	273	247	76	83	SW 2	W 2	10	10	100	● showers.	
26	671	29°370	46°	41°	40°	50°	230	237	74	92	NW 4	W 2	8	10	580	Dull day. ● from 8.30 p.	
27	29°577	30°017	44°	44°	35°	46°	204	228	70	78	NW 3	NW 2	7	1	010	▲ showers a. Fine p.	
28	30°079	120	47°	46°	42°	54°	253	273	79	89	W 2	W 1	10	10	030	Very fine, but windy.	
29	30°069	30°004	48°	51°	45°	51°	323	353	96	94	SW 2	W 3	10	10	010		
30	29°802	29°692	51°	47°	46°	55°	342	299	90	84	W 3	WSW 2	10	7	040		
31	612	544	47°	42°	42°	49°	268	244	84	89	SW 2	W 1	8	6	130		
Means	29°529	29°573	42°	43°	38°	45°	237	249	89	88	W 1	NE 1	10	10	120		
Means	29°927	29°955	47°	45°	41°	—	265	260	81°	84°	2°	2°	7°	5°	2°	620	

HILLINGTON, NORFOLK.

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

MARCH 1882.

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.	46.5	42.0	41.6	49.6	ins.	ins.	95	93	SW 3	SW 4	10	10	ins.	2 a. Fine p. at night.
2	28.822	28.895	43.5	40.0	39.2	48.0	227	218	80	89	SE 4	SE 4	10	9	—	Cloudy and cold. U.
3	443	561	44.5	38.2	32.2	49.1	245	177	83	98	E 1	NE 0.5	9	0	0.002	Fine and sunny a. 2.15 p. (very heavy, with 4 miles off).
4	624	616	33.4	40.0	28.3	46.3	184	225	97	91	SW 1	WSW 1	10	10	0.002	a. Fine p.
5	680	29.505	44.7	47.0	38.8	51.6	255	204	86	92	SW 4	WSW 6	10	10	—	Very fine and sunny. Cold wind.
6	29.709	30.145	44.9	38.0	37.6	48.6	196	168	66	73	NW 6	NW 2	3	8	0.001	p.
7	30.150	120	43.0	50.4	33.1	56.8	215	324	78	89	SW 4	SW 5	10	3	0.003	Fine and bright early a. Blustering p.
8	166	248	51.3	49.5	45.7	57.4	311	328	82	94	SW 4	SW 1	8	1	0.003	Cloudy and mild.
9	290	219	49.8	49.0	40.9	55.6	319	309	89	90	SW 4	SW 3	10	6	—	Mild.
10	191	247	52.5	53.2	48.5	58.5	346	369	88	91	SW 4	SW 4	10	0	0.002	Cloudy.
11	418	430	45.8	42.0	41.7	54.0	251	254	82	95	N 1	SW 0.5	10	10	0.002	Cloudy.
12	513	513	39.6	38.1	28.7	54.8	231	218	95	95	SSE 0.5	NW 0.5	10	5	0.001	Cloudy.
13	545	516	44.6	37.1	32.1	54.4	232	217	78	98	W 1	W 0.5	6	0	0.002	Cloudy.
14	455	393	43.6	38.0	30.4	57.5	236	223	83	97	S 1	SW 0.5	5	0	0.001	Cloudy.
15	503	591	42.4	39.9	28.2	55.2	241	241	90	99	NW 1	NW 0.5	8	0	0.002	Cloudy.
16	588	548	45.2	40.1	33.3	62.1	247	217	83	88	W 1	SW 0.5	4	0	0.003	Cloudy.
17	507	464	36.9	35.4	28.1	54.9	215	203	98	98	NW 0.5	NW 0.5	10	0	0.002	Cloudy.
18	434	30.171	46.4	38.6	30.1	62.4	275	220	88	94	W 0.5	SW 0.5	10	0	0.002	Cloudy.
19	30.089	29.861	42.8	45.9	31.4	58.4	253	286	92	93	W 0.5	SW 1	10	2	0.001	Cloudy.
20	29.781	758	42.6	47.2	36.6	59.7	247	281	90	88	W 2	W 1	10	10	0.027	Cloudy.
21	630	29.644	40.9	34.8	34.3	47.7	202	162	79	80	NW 4	W 0.5	8	4	0.027	Cloudy.
22	29.843	30.211	37.5	35.1	29.1	43.2	190	159	85	77	NNE 4	N 2	6	4	0.070	Cloudy.
23	30.196	29.982	37.3	43.3	30.2	49.1	171	267	77	96	SW 1	S 1	10	10	0.038	Cloudy.
24	29.719	544	49.6	45.9	41.2	53.5	317	276	90	91	SW 3	SW 4	10	0	0.050	Cloudy.
25	655	460	45.4	43.7	37.2	52.1	235	218	78	76	W 4	SW 5	4	10	1.260	Cloudy.
26	29.277	29.807	40.1	41.0	38.3	49.4	239	204	97	80	NNE 4	N 5	10	9	0.050	Cloudy.
27	30.036	30.080	44.9	45.2	34.9	49.1	351	244	85	87	WNW 4	WNW 1	7	10	—	Cloudy.
28	30.117	30.029	48.8	50.1	37.2	54.8	273	325	79	90	SW 5	SW 5	8	10	—	Cloudy.
29	29.923	29.723	53.2	47.5	47.3	57.6	351	287	86	89	SW 5	WSW 3	10	8	—	Cloudy.
30	632	531	46.8	35.9	34.9	53.2	249	203	78	97	SW 5	SW 1	3	3	0.027	Cloudy.
31	29.535	29.668	44.0	41.5	29.2	53.8	239	231	83	89	SW 0.5	SW 1	5	10	—	Cloudy.
Means	29.959	29.961	44.3	42.1	35.5	53.5	250	245	85.2	90.2	2.7	2.1	8.2	5.2	1.620	Cloudy.

UPPINGHAM.

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

MARCH 1882.

1	28.849	28.993	42.0	41.8	41.4	46.6	258	229	97	87	swb.w5	swb.s4	10	10	0.050	Bar 28.836 7.15 a. Dull except 4p.—6p.
2	29.153	29.254	42.4	39.0	38.9	45.8	216	220	80	93	SW 6	S b. E 5	9	10	0.037	2 a. n. Dull a. and p. Bright mid-day.
3	409	548	38.6	35.4	34.6	48.0	219	202	94	97	SSW 1	NE b. E 1	8	4	—	Much cir. a. D. op.
4	625	640	33.5	41.9	32.2	46.6	192	239	100	91	W b. S 2	W 4	10	8	—	7 a.—11 a. D. 2 Sunny p.
5	699	29.492	43.0	46.9	38.4	50.2	245	298	88	93	SW 4	SW 4	10	10	0.037	Day bright. mid-day. 00 op.
6	29.757	30.170	43.0	36.2	36.1	47.6	194	177	70	83	nwb.w4	nwb.w1	6	3	0.010	Gloomy a. Warm and sunny p.
7	30.128	120	43.8	48.3	34.0	56.9	279	319	98	95	S b. W 4	SW 5	10	2	—	a. Day overcast and warm, with Day warm. Very bright mid-day.
8	137	252	50.3	49.7	46.6	54.7	304	334	83	94	swb.w7	SW 2	9	4	—	Dull a. 00 op. Overcast all day.
9	269	211	49.8	49.7	44.0	55.9	310	312	87	88	SSW 4	swb.s6	10	10	—	Dull a. Cloudless, with hot sun. Cir. [increased sp.]
10	188	256	52.2	50.6	48.0	57.3	350	332	90	90	SW 5	W b. S 4	10	1	—	a. Day bright. Red sunset. 00 op.
11	466	438	44.9	42.0	41.7	50.6	229	237	77	84	Calm 0	nwb.w1	10	8	—	7 a. D. Cloudless all day. [op.]
12	513	532	42.5	42.0	35.6	53.4	239	221	88	84	NW 1	W b. N 1	0	2	—	a. Overcast a. [all day.]
13	555	527	43.1	42.0	34.4	53.3	244	237	87	89	W b. S 1	W 1	1	0	—	a. (mist) or 00 op. and 00 op. 8 a.—11 a. Bright p.
14	448	369	43.8	43.0	34.7	55.2	245	232	85	83	SSW 2	W 1	0	0	—	00 op. Day warm and bright.
15	517	610	48.2	44.5	36.1	54.1	279	277	84	94	W b. N 2	Calm 0	8	2	—	Bright a. D. Overcast 11 a.—7 p. [force 5] Noon.
16	604	568	45.0	47.6	36.8	58.9	245	277	82	85	W b. S 2	W 2	0	0	—	00 op. a. Day gloomy and cold.
17	580	478	37.0	44.0	33.8	57.2	220	252	100	87	Calm 0	WNW 1	10	0	—	Gloomy a. * showers Noon. Bitter [wind p. * 00 op.]
18	334	30.193	52.1	47.1	40.0	61.9	293	281	75	87	SW 1	W 1	8	0	—	* showers all day. Strong squalls at [Noon.]
19	30.089	29.871	46.0	45.5	38.2	54.9	280	282	91	93	SW 2	swb.s2	0	0	—	* 00 op. a. Warmer p. with 00 n.
20	29.771	764	42.2	44.5	37.1	53.9	250	268	92	91	SW 4	WSW 1	10	10	—	Dull a. Rough till 5 p. [00 op.]
21	665	29.688	40.0	32.6	32.3	45.0	187	171	75	92	W 6	nwb.w4	2	8	—	Bright 7 a. 00 op. a. Day dull, with n. * a. (force 8) mid-day.
22	29.936	30.274	38.0	31.6	29.0	42.8	173	139	75	78	N b. W 6	N b. W 2	8	1	—	Dull day. [00 op.] (sleet) 3 p.
23	30.200	29.970	38.3	43.0	28.2	47.5	184	253	79	91	swb.s3	SW 4	8	10	0.024	Dull and gloomy. Rough wind.
24	29.713	566	49.0	43.7	42.4	52.7	320	247	92	86	swb.w5	nwb.w3	10	7	0.039	Wind rough. Day dull and warm. U
25	681	486	44.5	43.0	35.2	49.8	212	238	72	86	W b. N 4	SSW 4	1	10	0.954	Gloomy a. * (sleet) 2 p. Bright [from 4 p.]
26	29.365	29.874	38.6	38.6	32.1	47.3	187	178	80	77	NNW 5	NW 5	5	0	—	Cloudy (mist) a. Bright and sunny p.
27	30.063	30.108	44.6	44.2	35.6	48.8	237	226	80	77	W b. N 3	W b. N 3	9	9	—	
28	30.137	30.041	46.9	48.7	39.1	50.8	256	319	81	93	W b. S 3	SW 5	10	10	—	
29	29.926	29.747	51.1	44.3	44.3	55.4	377	227	84	77	SW 4	swb.w3	10	5	—	
30	643	555	45.2	39.8	36.7	50.9	217	206	72	84	WSW 4	SW 2	2	1	0.031	
31	29.533	29.640	42.5	40.4	32.4	52.5	218	218	80	87	W b. S 1	S b. W 1	0	8	0.024	
Means	29.956	29.975	43.9	43.0	37.1	51.8	245	247	84.5	87.8	3.3	2.7	6.6	4.9	1.206	

CHURCHSTOKE.

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

MARCH 1882.

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.	43.0	42.6	41.1	47.6	in.	in.	93	86	SW 4	WSW 2	9	10	ins.	
2	28.825	28.991	43.0	42.6	41.1	47.6	232	236	83	86	SW 4	WSW 2	9	10	ins.	
3	29.111	29.229	40.1	37.1	36.2	43.0	215	197	87	89	W 5	W 2	10	10	3.15	Stormy.
4	373	615	38.6	33.1	32.5	48.5	201	163	86	87	SE 0.5	WSW 1	2	2	—	
5	661	687	38.6	44.3	29.6	49.1	208	261	89	89	WSW 1	SW 2	10	8	—	
6	678	29.459	45.2	47.2	39.5	52.3	233	271	78	84	SW 4	SW 7	9	5	1.02	
7	29.828	30.193	42.7	36.3	34.0	48.5	179	169	66	79	WSW 2	WSW 1	6	8	—	Bright, with cool wind.
8	30.096	139	52.9	51.8	35.8	60.0	334	303	83	79	SW 4	SW 8	10	8	—	Warm.
9	126	258	51.0	48.6	48.2	56.8	298	299	80	88	SW 4	WNW 1	9	1	—	
10	233	166	40.9	49.0	46.2	54.3	315	317	88	92	W 4	W 6	8	1	0.010	Squally a. and p.
11	214	318	52.6	50.9	48.2	58.0	338	333	85	87	W 4	W 5	10	8	—	Squally. Dull.
12	478	459	43.2	39.8	38.2	51.2	253	226	90	93	W 1	Calm 0	10	1	—	a.
13	541	569	42.3	37.0	33.2	53.3	231	187	87	85	W 1	Calm 0	1	0	—	Lovely day.
14	573	547	45.8	41.1	34.1	53.3	238	228	78	89	W 2	Calm 0	9	10	—	on ground a.
15	461	401	43.1	38.9	33.0	52.8	224	204	80	87	Calm 0	Calm 0	1	0	—	
16	560	662	46.3	39.0	33.4	57.3	284	221	91	94	Calm 0	Calm 0	10	0	—	
17	638	629	43.4	37.9	29.6	58.0	231	214	82	94	Calm 0	Calm 0	10	0	—	Lovely day.
18	615	482	33.4	44.8	30.5	58.0	172	253	91	85	Calm 0	Calm 0	10	0	—	a.
19	332	30.235	47.9	43.3	26.1	62.2	294	251	89	90	SE 1	WNW 1	8	4	—	in the valley.
20	30.056	29.825	48.9	47.0	42.1	54.9	298	251	87	78	SW 2	SW 5	8	5	—	Dull.
21	29.689	795	48.8	39.8	38.2	49.3	270	204	78	84	SSW 5	NW 2	10	1	1.20	
22	29.716	29.880	38.6	29.9	29.4	43.0	151	150	64	90	W 4	Calm 0	5	5	1.32	Cold breeze. Δ \times 2 p.
23	30.123	30.352	38.7	33.9	27.8	42.2	149	131	64	71	NW 4	NW 1	5	0	—	Bright and clear. Cold wind.
24	30.193	29.934	41.4	47.6	28.6	50.9	204	290	79	79	W 4	W 2	10	8	0.05	Cold a. Warmer p.
25	29.699	668	48.4	44.8	44.0	55.2	257	215	76	82	W 4	NW 3	9	8	3.85	\bullet 2 . Stormy.
26	736	29.388	45.0	40.3	39.1	49.5	214	221	71	89	W 4	SSE 3	7	10	5.05	\bullet 2 .
27	29.547	30.032	41.9	39.9	32.2	45.9	173	174	66	71	NW 6	NW 4	5	0	0.35	Squally a. \times Δ showers.
28	30.132	186	43.5	45.0	36.8	49.2	227	220	80	74	WNW 5	WNW 2	6	9	—	
29	30.148	30.072	46.7	50.3	42.8	52.9	256	323	81	89	WNW 4	WNW 2	10	10	0.09	
30	29.905	29.757	50.7	43.8	43.2	56.8	308	228	84	79	W 5	WNW 6	10	1	—	Squally a. and p.
31	631	600	45.1	38.2	36.1	53.3	231	204	77	89	WNW 3	NW 1	5	2	—	
Means	29.555	29.591	43.3	42.8	30.8	50.2	221	238	79	87	NW 2	SW 2	5	10	0.58	Bright and clear. Distant \angle to W.
	29.983	30.004	44.5	42.1	36.4	52.2	240	231	80.6	85.1	2.9	2.2	7.3	4.7	2.004	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

CHELTENHAM.

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

MARCH 1882.

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 a.m.	9 p.m.	9 a.m.	
1	ins. 28°888	ins. 29°039	44°2	44°2	42°5	49°1	in. 243	in. 252	84	87	W 5	W 3	10	10	10	ins. 120	Squally a.
2	29°225	313	44°0	39°6	39°0	45°1	216	214	74	87	SW 4	SW 1	10	10	10	090	
3	362	538	39°6	39°4	35°2	9°4	204	199	84	83	S 2	E 1	2	4	4	010	Beautifully fine.
4	718	710	36°4	43°7	27°5	49°7	203	251	94	88	Calm	W 1	2	10	10	010	Very fine till 6p.
5	729	29°532	46°8	49°2	42°2	52°0	267	319	84	92	SW 2	W 4	10	10	10	060	Very fine and bright.
6	29°514	30°191	44°3	34°5	32°5	49°5	224	166	77	83	NW 2	NW 1	8	3	—	—	Very fine and bright.
7	30°156	191	51°3	50°9	32°5	55°3	330	339	88	91	SW 3	SW 2	10	5	—	—	Very fine and bright.
8	207	275	51°9	50°5	49°5	55°0	306	334	80	91	SW 2	SW 1	10	2	—	—	Very fine.
9	293	268	53°0	51°7	49°5	54°6	323	309	80	81	SW 3	SW 3	9	10	—	—	Very fine.
10	275	346	52°0	51°3	50°0	54°8	351	325	90	86	SW 3	W 3	10	10	—	—	Dull day.
11	474	458	47°8	42°6	42°5	51°3	287	262	86	96	SW 1	Calm	10	8	—	—	Dull all day, with 0.
12	530	554	41°6	37°6	32°0	53°0	252	209	96	93	NW 1	NW 1	8	3	—	—	Beautiful day. (mist) op.
13	605	545	41°7	38°0	28°8	54°3	235	214	89	93	Calm	Calm	5	0	—	—	Beautiful day. (mist) op.
14	450	387	39°9	37°9	28°0	54°6	212	206	87	90	Calm	Calm	1	7	—	—	(mist) a. and p. Beautiful day.
15	548	627	46°0	49°3	28°6	57°3	238	308	77	88	NW 1	Calm	0	6	—	—	Beautiful day.
16	642	600	40°3	38°6	32°2	58°1	248	225	99	96	S 1	Calm	0	10	—	—	till 9.30a. Then beautifully fine.
17	605	469	35°6	37°6	32°5	61°0	207	209	99	93	Calm	NW 1	10	0	—	—	till 11a. Then beautifully fine.
18	339	30°220	44°9	47°9	29°2	62°0	257	278	87	84	Calm	SW 1	8	0	—	—	ga. Lovely day. Plum trees in bloom.
19	30°068	29°873	52°4	48°3	31°0	57°1	273	271	70	81	SW 1	SW 2	1	2	—	—	Fine a. Dull p. (mist) op.
20	29°751	807	47°8	46°2	40°1	57°0	269	243	81	79	SW 3	W 2	8	2	—	—	Very fine.
21	29°737	29°803	46°4	34°1	33°4	47°2	130	152	41	76	W 4	NW 2	3	10	—	—	Cold. * 2 3p.-4p.
22	30°055	30°319	39°0	30°4	30°0	43°4	165	130	70	76	NW 7	N 1	5	2	—	—	* early a. Squally a.
23	30°226	29°989	40°8	46°1	25°0	48°0	167	281	65	91	W 1	S 2	9	10	—	—	Dull day.
24	29°763	639	49°8	49°8	45°5	53°5	289	263	81	74	SW 3	NW 2	9	7	—	—	
25	779	464	42°6	42°6	39°5	52°5	258	255	94	93	W 3	SW 1	8	10	—	—	Very fine till evening, then 2.
26	29°506	29°984	44°5	43°0	33°5	50°0	191	184	65	70	NW 8	NW 4	5	2	—	—	Squally a.
27	30°151	30°200	46°5	46°5	29°4	52°2	150	235	47	75	NW 3	NW 1	8	6	—	—	Very fine day.
28	30°187	30°105	48°6	49°8	43°0	52°0	273	317	80	88	SW 2	SW 2	9	10	—	—	Very fine day.
29	29°958	29°798	51°0	45°8	45°2	54°5	335	254	90	83	SW 2	SW 2	10	6	—	—	Very fine day.
30	666	564	47°6	37°7	36°8	50°4	224	214	68	95	SW 2	SW 1	2	7	—	—	Very fine till 6p., then 2 shower.
31	29°545	29°606	44°6	44°5	27°0	52°6	231	243	78	83	SW 1	SE 2	7	8	—	—	Bright a. 2 showers p.
Means	30°008	30°013	45°3	43°5	35°9	52°8	244	247	80°2	86°0	2°3	1°5	7°2	5°9	1°520		

CARMARTHEN.

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

MARCH 1882.

1	28°905	29°075	44°0	45°6	42°2	48°2	235	239	81	79	W 5	W 6	10	10	10	390	
2	29°208	238	42°1	41°1	38°6	45°9	224	204	84	79	W 5	SW 3	10	10	10	370	
3	335	387	44°1	37°3	36°0	51°0	231	201	79	91	E 2	Calm	4	0	—	—	
4	699	770	38°3	44°9	28°5	50°7	184	285	80	95	N 1	W 2	6	8	—	—	
5	715	29°547	47°2	48°2	39°3	49°8	305	307	95	92	SW 3	W 3	10	10	10	150	
6	29°882	30°150	48°0	44°3	39°4	50°0	221	264	66	91	NW 2	SW 2	2	10	10	230	
7	30°135	181	49°5	48°2	42°7	50°4	355	338	100	100	SW 1	SW 6	10	10	10	090	
8	184	267	49°5	49°2	48°0	51°3	352	351	99	100	SW 5	SW 1	10	10	10	140	
9	253	218	49°6	49°0	47°9	51°7	350	348	100	100	SW 2	SW 6	10	10	10	170	
10	255	369	50°9	49°9	47°6	51°6	373	336	100	94	SW 5	SW 2	10	10	10	080	
11	449	483	45°7	42°6	41°9	50°4	290	266	95	97	Calm	Calm	0	10	4	070	
12	552	552	42°3	39°5	38°8	53°2	268	231	99	96	Calm	Calm	0	10	0	—	
13	596	537	41°5	41°9	32°5	50°7	253	246	97	93	Calm	Calm	0	10	0	—	ga.
14	476	400	38°4	38°4	34°9	53°4	231	225	99	97	N 1	Calm	0	10	0	—	ga.
15	575	649	42°9	44°8	35°9	48°0	265	293	96	99	Calm	Calm	0	10	0	—	
16	667	614	44°1	43°8	37°8	54°2	277	278	96	98	Calm	Calm	0	10	10	020	
17	588	453	38°9	44°8	35°7	60°7	232	246	99	83	E 1	Calm	0	10	0	—	op. D
18	341	30°204	49°9	47°9	36°0	55°8	270	316	76	95	Calm	W 1	0	6	—	—	a.
19	30°032	29°818	48°8	48°2	46°7	52°5	317	295	92	89	S 3	SW 3	10	7	—	—	
20	29°702	837	48°3	40°1	40°1	51°6	327	223	97	90	SW 3	Calm	0	10	0	050	
21	29°793	29°895	43°3	35°7	33°6	46°1	178	150	63	71	W 5	NW 2	4	7	—	—	* shower
22	30°160	30°363	42°6	35°1	34°6	47°7	201	160	74	77	NW 3	Calm	0	2	0	—	early a.
23	30°214	29°939	38°6	48°3	31°8	48°5	210	336	90	99	Calm	SW 2	10	10	—	—	
24	29°740	729	48°7	45°6	45°2	54°5	321	228	94	75	SW 3	NW 3	10	5	—	—	
25	810	29°168	46°8	50°4	38°9	51°0	249	351	78	96	W 3	SW 6	7	10	—	—	
26	29°679	30°063	45°7	44°1	39°9	51°0	205	220	68	76	N 5	N 4	6	0	—	—	
27	30°200	238	47°5	45°4	40°9	52°1	225	270	69	90	NW 2	NW 1	9	10	—	—	
28	30°184	30°135	48°8	49°5	44°9	52°6	281	346	81	97	W 3	W 3	10	10	—	—	
29	29°941	29°805	49°7	43°1	42°7	54°2	349	252	98	90	SW 3	W 1	10	6	—	—	
30	658	584	50°1	38°6	36°4	52°9	264	222	73	95	Calm	Calm	0	2	0	—	
31	29°547	29°522	48°0	44°9	33°0	51°0	258	271	77	92	W 1	SW 1	1	10	—	—	
Means	30°015	30°012	45°6	44°2	39°1	51°4	268	268	86°9	90°8	2°2	1°9	7°8	5°9	3°320		

MARCH 1882.

MARLBOROUGH.

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

MARCH 1882.

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. 28°976	ins. 29°126	43°7	41°0	40°4	50°0	in. 220	in. 233	77	91	W	3	S	2	8	10	ins. 410	
2	29°298	357	42°5	37°9	37°5	48°7	202	198	75	87	SW	2	SW	1	3	1	020	▲ 3p. U
3	394	547	38°8	35°7	32°2	46°8	206	187	88	90	Calm	0	E	1	5	0	—	▲ a. and p.
4	705	764	31°0	41°6	28°3	49°3	166	241	96	92	Calm	0	Calm	0	10	9	—	▲ 2 a. D p.
5	789	29°505	45°4	47°8	40°1	50°3	270	315	90	95	SSW	1	W	3	9	8	050	
6	29°830	30°220	45°0	35°8	35°2	49°9	227	181	76	87	WNW	2	Calm	0	9	3	020	└ a.
7	30°217	248	47°6	48°2	34°3	58°7	323	322	98	96	SW	2	SW	1	10	10	—	
8	268	331	49°9	50°5	46°6	55°1	323	346	91	95	SW	2	SW	1	10	10	—	
9	350	327	50°6	48°7	47°3	54°1	340	311	93	91	SW	2	S	2	10	10	—	
10	329	381	49°9	51°7	48°1	55°6	346	360	97	94	SW	1	W	1	10	10	—	
11	486	469	48°7	44°5	44°4	53°1	318	275	93	94	Calm	0	Calm	0	10	10	—	
12	545	585	43°2	39°5	39°2	55°9	266	216	95	90	Calm	0	Calm	0	3	0	—	▲ 0 (mist) ga.
13	621	576	45°1	39°9	31°5	50°1	228	227	77	93	Calm	0	Calm	0	0	0	—	▲ before ga.
14	486	400	42°6	40°7	30°1	57°3	229	225	84	90	Calm	0	Calm	0	0	0	—	▲ (mist) ga.
15	544	668	46°7	44°6	31°1	59°2	248	267	79	90	Calm	0	Calm	0	0	0	—	▲ a. p.
16	668	632	49°8	43°5	33°1	61°0	279	351	79	89	Calm	0	Calm	0	0	0	—	▲ a. p.
17	596	499	48°9	41°9	31°4	63°3	247	238	72	90	Calm	0	Calm	0	0	0	—	▲ a. p.
18	375	30°248	45°0	43°8	30°9	64°1	245	261	82	92	Calm	0	Calm	0	0	0	—	▲ a. p.
19	30°134	29°935	44°7	42°9	36°1	56°9	270	265	80	96	SW	1	SSW	1	6	0	—	▲ a. p.
20	29°802	839	46°6	44°8	39°8	50°8	271	256	86	86	S	1	W	1	9	10	010	▲ a. p.
21	29°798	29°893	43°7	32°6	32°0	48°7	196	162	69	88	WNW	2	NW	2	3	0	060	✱
22	30°057	30°330	37°7	34°5	28°8	43°8	173	147	76	74	N	3	Calm	0	8	2	—	
23	30°269	30°052	39°7	44°7	26°2	49°3	170	253	60	86	Calm	0	SW	1	5	10	020	▲ a.
24	29°821	29°668	48°9	47°5	44°5	54°0	294	304	86	94	WSW	1	WNW	1	10	1	—	
25	808	519	46°5	43°2	34°6	53°0	227	264	72	94	WNW	2	S	1	1	10	550	▲ a.
26	504	29°995	44°8	38°9	33°8	49°2	193	180	65	77	N	7	NNW	1	1	0	010	U a.
27	30°191	30°213	42°9	43°6	33°8	52°0	233	244	84	86	Calm	0	W	1	10	10	—	
28	242	30°163	46°6	47°8	41°4	51°0	267	328	85	98	W	1	W	1	10	10	050	
29	30°029	29°851	50°3	44°0	44°0	53°5	235	241	90	83	W	1	Calm	0	10	9	060	
30	29°705	587	44°9	39°7	38°3	54°3	244	225	83	92	Calm	0	Calm	0	3	8	—	
31	29°587	29°644	46°3	41°8	31°1	53°1	232	238	75	91	Calm	0	S	1	1	10	500	D
Means	30°046	30°050	45°1	42°7	36°3	53°6	251	250	82°9	90°0	1°1		0°7	5°6	5°2	1°860		

STRATHFIELD TURGISS.

Height above Mean Sea Level, 195 feet. Long. 1° 0' W. Lat. 51° 20' N.

MARCH 1882.

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.		9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	45°	43°	in.	in.	74	SW	3-5	8	10	ins.	Squally a. and p.
2	328	307	45°	39°	221	240	74	SW	4-3	3	3	0.06	Squally a. shower 3p.
3	407	529	42°	35°	202	182	73	S	2	6	0	—	—
4	700	747	32°	41°	176	232	97	E	0-1	10	3	—	—
5	803	29°18	45°	48°	271	312	90	SW	3-4	8	10	0.047	Squally p.
6	29°827	30°179	47°	38°	240	196	75	W	3-4	8	6	0.005	Squally a.
7	30°244	255	48°	49°	317	330	93	SW	3	10	10	—	Squally p.
8	265	323	51°	51°	331	342	88	W	4-5	10	10	0.003	Squally a.
9	370	334	50°	49°	336	317	92	SW	3	10	10	—	Squally a.
10	346	385	50°	51°	317	360	86	SW	3-4	10	10	—	Squally a.
11	481	467	50°	46°	329	296	88	SW	1	10	10	0.080	—
12	546	559	42°	40°	256	231	96	Calm	0	10	0	—	—
13	609	556	43°	42°	248	248	89	SW	1	10	0	—	—
14	487	380	44°	43°	247	251	85	Calm	0	10	0	—	—
15	538	635	48°	42°	264	252	77	W	1	10	0	—	—
16	664	616	47°	45°	274	240	83	SW	1	10	0	—	—
17	595	486	45°	45°	265	270	86	W	1	10	0	—	—
18	377	30°241	42°	44°	232	266	85	Calm	0	10	0	—	—
19	30°154	29°941	42°	43°	259	264	96	SW	2	10	0	—	—
20	29°820	28°20	48°	47°	277	265	81	S	1	10	0	—	—
21	798	29°735	43°	34°	213	172	74	SW	4-5	8	10	0.011	Squally a. and p. * 9p.
22	29°997	30°273	38°	34°	179	158	78	N	2-4	8	0	—	Squally a. * early a.
23	30°289	30°063	40°	45°	283	306	73	SW	1	7	10	0.023	—
24	29°837	29°645	50°	50°	334	322	90	SW	3	10	1	0.016	Squally Mid-day.
25	803	547	48°	45°	271	222	65	W	3-4	2	10	0.503	Squally a. * p.
26	29°422	29°942	43°	40°	204	186	71	N	3-6	9	0	—	Squally a. * a.
27	30°167	30°196	46°	44°	233	246	76	W	3	10	10	—	Squally Mid-day.
28	242	30°152	48°	49°	273	324	79	W	3	10	10	—	—
29	30°039	29°854	53°	46°	330	292	80	W	3	10	10	—	—
30	29°713	571	50°	44°	254	248	69	W	2	6	8	—	—
31	29°579	29°659	49°	44°	248	250	71	W	1	3	1	—	—
Means	30°047	30°039	46°	44°	257	259	81°8	2°3	2°1	6°6	5°2	0°993	—

SOUTHAMPTON.

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

MARCH 1882.

1	29°059	29°189	48°	45°	44°2	51°8	*238	251	69	82	W	5°5	SW	6	7	10	0°80	Squally with showers p.
2	*375	*388	47°1	41°1	40°8	51°5	*213	*218	67	85	SW	6	SW	2	0	2	—	Squally during the day.
3	*389	*504	45°5	36°2	35°5	48°2	*239	*195	79	91	SE	3	NE	2°5	4	0	—	on grass a. and p.
4	*702	*783	40°1	41°6	30°4	52°3	*202	*226	81	86	NW	1	WSW	1	1	1	—	a.
5	*834	29°649	47°4	48°6	40°2	52°0	*288	*335	89	98	SW	2	SW	5	10	10	0°78	
6	29°869	30°218	49°8	41°0	40°8	52°2	*253	*215	71	84	W	3	WNW	1	9	3	0°18	
7	30°273	*293	49°2	48°6	39°2	52°6	*342	*337	98	99	SW	3	SW	2°5	10	10	0°31	
8	*320	*340	49°7	50°8	48°1	55°6	*344	*353	96	95	SW	3	SW	2°5	10	10	0°05	
9	*389	*357	50°0	49°8	48°3	51°6	*350	*322	97	90	SW	3	SW	3°5	10	10	—	
10	*378	*417	50°0	51°0	48°9	54°5	*353	*364	98	97	SW	3	SW	3	10	10	—	
11	*482	*452	51°4	47°4	47°1	54°7	*359	*322	94	98	WSW	1	NE	3	10	10	0°50	
12	*545	*562	46°4	46°0	44°2	55°2	*282	*285	90	92	N	1°5	Calm	0	9	0	—	p.
13	*620	*561	45°2	43°7	31°2	57°6	*266	*262	89	92	N	1	W	0°5	0	0	—	early a. at night.
14	*491	*393	44°9	44°6	33°2	59°1	*245	*260	83	89	Calm	0	N	1	0	0	—	
15	*554	*645	48°0	46°1	34°2	60°2	*257	*271	77	87	E	1	Calm	0	0	0	—	
16	*674	*619	48°4	45°7	34°6	63°6	*264	*273	78	89	Calm	0	Calm	0	0	0	—	
17	*603	*470	48°6	45°1	34°1	64°1	*254	*267	74	89	Calm	0	Calm	0	0	0	—	
18	*380	30°230	48°3	45°2	33°6	64°3	*261	*278	77	93	Calm	0	SW	1	0	0	—	
19	30°153	29°943	43°7	44°6	37°4	53°5	*276	*276	96	94	SW	1	SSW	2°5	10	10	—	
20	29°832	*854	51°5	47°3	42°1	60°7	*315	*268	82	83	S	2°5	W	2	1	0	—	
21	29°822	29°823	46°5	36°2	35°7	49°9	*221	*170	71	79	W	4	NW	4°5	9	1	0°20	0 showers, with cold wind.
22	30°046	30°300	41°9	36°9	31°4	46°2	*177	*150	67	69	NNW	5	NNW	3	5	0	—	(force 6) during the day.
23	30°289	30°082	41°1	46°7	29°5	52°1	*174	*272	68	86	WNW	1°5	SW	2	1	10	0°39	early a.
24	29°856	29°682	50°5	51°1	46°1	53°6	*331	*332	91	88	SW	3	NW	4°5	10	9	0°10	
25	*837	*506	50°6	45°7	40°9	57°2	*236	*290	64	94	W	4	S	2°5	1	10	0°200	
26	29°476	29°970	46°1	42°0	36°9	51°6	*201	*202	65	76	NW	7	NW	4°5	1	0	0°02	2 n. all day.
27	30°198	30°238	47°6	45°9	38°3	53°6	*244	*256	74	84	NW	2°5	W	1	10	2	0°08	
28	*259	30°199	49°8	50°0	42°2	56°4	*266	*329	74	82	W	3	WSW	2	10	10	—	
29	30°051	29°856	53°8	47°3	47°2	55°2	*337	*309	81	95	WSW	3°5	SW	2°5	10	3	0°37	(force 6) during the afternoon.
30	29°717	*583	52°1	44°1	41°9	55°9	*261	*245	68	84	SW	2	SW	1	7	3	—	
31	29°604	29°648	50°5	46°6	35°5	53°9	*240	*276	66	88	SW	1	SSE	2	1	7	0°13	a.
Means	30°067	30°057	47°9	45°2	39°2	54°9	*267	*271	79°8	88°6	2°5	2°2	5°4	4°5	0°591			

ST. LEONARDS.

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

MARCH 1882.

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°	44°	49°	in.	in.	%	%					ins.	[● ▲] throughout. [● ▲] all day, with (gale) in past n. 9p. a. and p. Very fine day. at night. p. early a. early a. Overcast all day, with [●]°. Overcast. 9p. ga. Sea [●] a. Very fine day. Very fine day. Very fine day. Very fine day. Very fine day. Very fine fill noon, then [●] and over- Fine day. 9p. [(sleet) showers. Squall with ▲ 8.45a.—ga. * Squally (gale) a. * showers [●] during day. [E.—SE. p. (sleet) early a. < in
2	29°087	29°238	47°4	46°4	44°5	49°0	in.	in.	74	79	SW 8	WSW 7	4	10	019	
3	413	433	47°0	43°6	41°5	47°6	214	222	67	78	WSW 7	SW 5	5	4	230	
4	440	475	41°3	38°5	37°0	44°1	208	209	80	90	SE 3	ENE 3	8	3	—	
5	646	767	39°5	42°6	34°2	47°6	195	242	81	89	N 3	WSW 3	0	0	—	
6	848	29°711	46°7	46°7	38°8	48°6	293	298	92	94	WSW 2	SW 5	9	10	154	
7	29°819	30°210	49°4	43°5	42°1	51°1	300	194	86	72	WNW 4	NW 1	4	0	—	
8	30°322	308	46°5	47°4	39°1	48°3	274	328	87	100	SSW 4	SW 5	10	10	020	
9	347	376	47°6	49°6	46°3	51°6	321	330	100	93	SW 3	WSW 3	10	10	005	
10	421	392	47°6	47°2	46°2	50°3	321	300	100	93	WSW 2	W 4	10	10	—	
11	406	439	47°9	48°3	47°1	48°9	315	337	95	99	SW 3	W 3	10	10	005	
12	487	446	49°5	49°1	47°1	51°7	347	329	97	94	WNW 1	NW 1	10	10	032	
13	523	568	47°3	45°6	45°1	51°0	302	291	93	95	NNW 1	NW 1	9	5	—	
14	596	571	47°2	45°5	42°4	52°4	271	247	84	81	Calm	0	1	—	9p.	
15	493	379	50°9	47°6	41°5	54°1	273	240	74	73	ESE 1	Calm	0	0	—	
16	519	650	50°2	46°6	42°9	55°7	265	250	74	79	N 2	Calm	0	0	—	
17	675	627	50°7	47°8	43°2	53°0	235	252	63	76	WNW 1	WNW 1	0	0	—	
18	596	482	51°3	49°8	42°0	55°1	289	280	76	79	WNW 1	NW 1	0	0	—	
19	367	30°228	52°3	47°7	43°2	56°6	296	259	75	79	Calm	0	0	0	—	
20	30°136	29°973	49°7	41°8	41°2	51°8	284	260	81	99	W 1	SW 1	0	10	—	
21	29°875	834	47°3	47°0	40°5	53°8	276	301	85	94	SSE 1	W 1	0	1	029	
22	803	29°704	43°0	35°7	34°5	48°8	242	190	87	90	WSW 5	W 2	9	2	058	
23	29°925	30°213	38°4	35°8	30°4	44°4	168	170	72	81	NNW 5	NE 5	0	0	147	
24	30°275	30°106	39°5	44°7	30°8	46°6	159	238	66	81	NNW 3	WNW 3	3	9	022	
25	29°904	29°654	44°7	49°3	43°8	49°9	294	346	99	99	SSW 4	SW 3	10	10	034	
26	825	623	46°2	44°9	38°0	51°9	234	298	76	100	WNW 5	SW 4	1	10	517	
27	29°212	29°890	38°8	41°7	36°8	50°1	234	199	99	76	NNW 7	N 5	10	1	006	
28	30°164	30°216	45°3	44°4	35°5	51°6	223	226	74	77	NW 2	NW 1	2	6	—	
29	240	30°193	49°3	47°7	39°2	52°9	267	309	75	94	W 3	W 3	3	10	—	
30	30°080	29°888	49°5	47°7	47°2	52°4	311	326	89	99	WSW 4	WSW 4	10	10	010	
31	29°728	570	47°5	45°7	45°0	49°6	280	280	86	92	SW 2	SW 2	9	10	090	
31	29°583	29°717	45°2	46°5	39°6	50°2	264	272	88	86	NW 1	SW 2	5	0	—	
Means	30°057	30°061	46°6	45°3	40°9	50°8	264	267	83°1	87°5	2°9	2°6	4°9	5°2	1°378	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

ST. AUBIN'S, JERSEY.

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

MARCH 1882.

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.	47.3	45.3	44.4	51.6	ins.	ins.	78	78	WbyS 7	WbyN 7	1	10	ins.	Squally n. and a. [squally. Δ ⁰ p.
2	29.254	29.462	44.5	41.0	38.5	47.7	233	215	78	84	SW 5	SW 3	8	8	0.80	Δ n. and a. Unsettled day.
3	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	● showers all day. Gloomy.
4	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Day extremely fine and bright. Δ p.
5	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Overcast day.
6	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Very fine p. Δ p.
7	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Δ ² a. Fine a. Overcast p.
8	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Very cloudy and mild.
9	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Overcast day. Sea roaring p.
10	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Gloomy and mild. Sea roaring p.
11	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Scotch till 1 p. Sunless day.
12	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Very cloudy. Δ ⁰ p.
13	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Δ a. Cloudless and very mild all day.
14	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Δ p. from 11 p. Cloudless.
15	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Δ a. Fine p. Δ ⁰ p.
16	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Δ a. Day very fine. Δ ⁰ p. Δ ⁰ p.
17	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Cold wind. Δ ⁰ p. Δ ⁰ p.
18	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Δ ⁰ 7.45 a. Cold wind. Very dry air.
19	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Very fine a. Humidity 51% 1 p.
20	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	at times a.
21	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Squally at night.
22	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Δ n. and a. Bar. 29.415, 3.15 a.
23	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Cold wind. Cloudy.
24	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Overcast day.
25	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Overcast day.
26	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Day fine. Hot sun 11 a. — Noon. Max.
27	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	Day fine and clear. Δ p.
28	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	
29	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	
30	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	
31	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	
Means	29.256	29.462	41.2	41.3	39.8	42.2	237	245	93	95	EbyS 4	NE 3	10	10	0.470	

Earth temperature—Mean of 10 readings (every third day), 1 foot 47° 2', 3 feet 47° 1', 6 feet 49° 1'.

LONDON DERRY.

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

MARCH 1882.

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	28.832	28.927	38.7	39.7	35.8	46.0	219	218	93	89	NE 1	NE 1	10	10	0.340	● nearly all day.
2	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Δ p.
3	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	● showers.
4	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Squally all day. ● ² Noon—1 p.
5	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Δ before 9 a.
6	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Δ a.
7	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Squally during day, with ● Δ.
8	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	● showers.
9	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Δ showers.
10	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Overcast and cold.
11	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Overcast all day.
12	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Overcast. ● from 7 p.
13	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Fine all day.
14	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Fine all day.
15	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Fine all day.
16	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Fine all day.
17	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Overcast. ● 8 p.
18	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Overcast. ● 6 p.—8 p.
19	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Damp and disagreeable.
20	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Δ showers. Δ ² from 6 p.
21	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Δ showers all day.
22	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Fine all day.
23	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Δ a. Squally during day with ●.
24	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	● showers. Steady ● 4 p.—9 p.
25	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Δ showers during the day.
26	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	● showers.
27	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Squally ● showers.
28	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Overcast.
29	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	Δ before 9 a. Fine all day.
30	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	
31	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	
Means	29.070	29.214	38.7	40.6	34.1	44.8	221	240	94	95	N 1	Calm 0	10	10	0.130	

MARCH 1882.

MARKREE CASTLE, SLIGO.

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

MARCH 1882.

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.	39.5	41.9	37.8	44.0	in.	in.	93	95	Calm	0	Calm	0	10	10	ins.
2	28.749	28.907	39.5	41.9	37.8	44.0	238	253	93	95	Calm	0	Calm	0	10	10	1.296
3	29.118	29.194	39.8	41.2	39.8	44.4	224	257	92	99	Calm	0	Calm	0	10	10	0.336
4	427	658	42.3	37.1	36.0	48.5	228	205	85	93	NNE	4	Calm	0	5	10	0.14
5	593	659	45.7	44.7	35.3	52.4	275	242	90	82	WNW	2	W	2	10	10	0.050
6	380	406	49.1	43.9	43.9	52.4	326	262	93	91	SW	4	NW	4	10	8	1.46
7	880	881	41.6	40.5	36.5	47.7	198	233	76	93	Calm	0	SSE	5	10	10	0.088
8	841	29.787	52.2	52.2	40.1	55.4	361	361	93	93	SW	3	SW	5	10	10	2.22
9	837	30.070	49.9	44.1	40.6	53.4	315	262	88	90	WSW	2	SSW	1	10	0	0.050
10	29.799	29.881	52.9	45.7	43.0	54.2	351	298	88	97	SSW	5	Calm	0	10	10	285
11	30.010	30.284	50.4	39.6	38.9	55.6	287	204	79	84	WSW	3	Calm	0	10	0	—
12	348	397	42.2	39.1	31.3	51.8	229	223	86	93	S	2	Calm	0	10	0	0.35
13	424	419	42.1	45.5	32.5	52.1	251	277	93	91	Calm	0	Calm	0	7	10	—
14	432	397	51.1	48.1	42.3	55.6	291	306	78	91	SSW	2	SW	3	7	10	—
15	241	303	48.1	44.6	44.4	56.9	262	273	78	93	S	3	NNW	2	6	10	0.070
16	568	567	44.1	48.3	33.2	53.4	249	287	85	85	Calm	0	Calm	0	3	0	—
17	547	568	46.4	46.1	35.3	58.4	275	273	88	88	S	2	SW	2	10	10	—
18	488	322	46.5	49.1	35.1	55.9	281	297	90	85	S	2	Calm	0	10	10	—
19	30.156	30.078	51.2	49.1	43.3	56.7	302	321	80	92	WSW	3	Calm	0	4	10	0.076
20	29.748	29.609	49.1	43.5	42.6	54.4	326	256	93	90	SW	2	Calm	0	10	10	0.045
21	686	29.591	44.2	38.4	32.4	49.4	228	195	78	85	W	2	WSW	2	3	10	185
22	29.673	30.008	35.1	36.1	31.3	40.2	173	202	84	95	WNW	3	N	4	5	6	327
23	30.386	30.263	43.2	43.1	35.8	48.4	187	209	67	75	N	2	SE	2	6	8	0.60
24	29.982	29.745	48.1	48.1	41.8	51.4	289	318	86	95	Calm	0	Calm	0	10	10	1.20
25	440	657	51.6	40.1	34.4	52.4	343	212	90	85	WSW	2	NW	3	10	8	1.00
26	650	29.390	46.5	40.3	38.3	48.5	230	220	73	92	NW	4	N	2	10	10	0.63
27	29.790	30.091	45.4	44.1	35.6	48.4	183	243	60	83	NNW	5	NW	2	8	10	0.77
28	30.097	30.093	49.9	46.3	43.3	52.9	233	290	65	93	NW	4	WSW	2	9	10	0.77
29	29.933	29.976	51.2	50.9	45.6	58.4	355	329	95	88	WSW	3	SW	2	10	10	0.06
30	654	672	50.1	43.1	42.3	51.6	260	225	72	81	WSW	3	WNW	2	8	2	1.40
31	670	598	47.0	39.6	38.3	49.4	239	217	75	89	NW	3	Calm	0	10	7	0.12
31	29.511	29.593	42.3	39.1	30.3	49.2	228	208	85	87	Calm	0	Calm	0	10	7	0.028
Means	29.873	29.905	46.4	43.7	38.1	51.7	265	257	83.3	80.5	2.3		1.5	8.4	7.9	4.228	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

BIRR CASTLE, PARSONSTOWN.

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


























MARCH 1882.

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°3	42°3	39°4	47°4	in.	in.	89	89	W 1	W 3	10	10	ins.	Squally p.
2	28°781	28°986	40°3	42°3	39°4	47°4	221	240	89	89	W 1	WSW 1	10	10	278	
3	29°167	29°229	39°5	40°4	38°4	43°4	220	222	91	89	N 1	WNW 0.5	5	4	—	
4	360	663	41°5	39°9	38°8	45°0	230	222	88	91	W 1	WSW 1	7	10	—	
5	675	741	42°8	45°3	34°5	52°1	249	254	91	84	WSW 1	WSW 0.2	7	10	—	
6	529	477	47°0	47°3	44°0	52°4	291	292	91	90	SSW 2	SW 3	10	7	177	Squally p.
7	920	963	42°5	43°5	37°7	49°1	199	248	74	87	WSW 1	SE 3	1	10	030	
8	957	29°947	53°9	53°5	42°9	60°8	343	343	83	84	SSW 2	SSW 3	8	10	134	
9	954	30°152	50°0	44°3	44°3	55°2	334	258	93	88	WSW 2	Calm 0	10	0	059	
10	29°964	29°957	53°3	55°5	44°1	57°2	331	362	81	82	SSW 4	SSW 3.5	7	10	016	
11	30°104	30°339	52°6	42°5	42°2	57°0	313	230	78	85	SW 1	SW 1	8	0	023	Very heavy squalls during the day.
12	415	456	42°3	38°5	34°0	51°7	218	205	82	88	S 0.5	S 1	4	0	063	
13	496	500	44°5	40°5	34°4	51°9	242	219	83	87	S 0.5	S 0.5	1	2	—	Very heavy squalls during the day.
14	531	467	48°3	48°5	38°4	54°0	251	204	74	86	S 0.5	S 0.5	5	10	—	Very heavy squalls during the day.
15	537	350	48°5	48°5	43°7	55°7	272	290	80	85	S 0.5	SW 1	7	10	—	Very heavy squalls during the day.
16	589	635	41°8	41°2	34°4	55°3	247	223	94	87	SSW 0.5	Calm 0	2	0	—	Very heavy squalls during the day.
17	624	593	47°0	46°8	36°4	56°1	266	277	83	87	SW 1	Calm 0	3	10	—	Very heavy squalls during the day.
18	539	380	44°0	47°6	37°7	54°3	259	305	90	93	SSW 1	S 1.5	0	10	—	Very heavy squalls during the day.
19	30°242	30°107	48°5	51°1	41°8	57°8	306	308	90	81	SW 1	S 1.5	4	10	021	
20	29°852	29°647	51°5	47°5	47°2	54°4	303	296	79	90	S 1.5	WSW 0.5	6	10	258	
21	739	29°720	42°3	41°2	40°0	49°4	232	225	87	88	WNW 1	WSW 4	7	10	113	Squally p.
22	29°768	30°078	37°5	33°9	31°1	41°4	177	175	79	90	SW 2	WNW 3	3	0	060	Heavy squalls, with showers all day.
23	30°404	30°373	41°5	42°4	32°7	50°1	192	195	74	73	NW 1	S 1	0	10	—	Squally p.
24	30°060	29°834	48°5	49°0	40°1	52°2	306	246	90	97	S 1	SW 2	10	10	094	Squally p.
25	29°567	755	52°5	42°5	42°0	54°3	349	218	89	80	W 2	W 3	10	6	058	Squally p.
26	742	29°326	47°5	36°5	36°2	52°0	230	197	71	92	W 2	N 3	9	10	614	Very stormy, with showers.
27	29°842	30°167	43°3	41°8	33°5	49°5	214	227	77	86	W 2	W 1	6	1	020	Squally p.
28	30°207	198	46°6	46°1	40°4	51°2	243	268	77	86	W 1	SW 2	10	10	—	Squally p.
29	30°044	30°001	50°3	51°5	45°0	57°0	342	334	94	88	SW 2	SW 1.5	10	10	102	Squally p.
30	29°794	29°768	48°5	40°9	40°7	55°3	266	215	78	85	SW 4	SW 0.5	10	2	035	Squally p.
31	791	634	43°7	40°5	33°7	52°1	247	219	86	87	NW 1	WNW 0.5	10	7	016	Squally p.
Means	29°512	29°544	44°5	41°2	33°6	49°9	227	221	77	86	SSE 0.5	ESE 2	4	10	052	

KILLARNEY.

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

MARCH 1882.

1	28°926	29°181	42°9	43°4	41°2	46°0	254	238	92	84	WNW 6	NW 8	10	10	330	Squally a.   sp.
2	29°303	303	43°5	31°0	30°6	46°9	211	174	75	100	NW 6	Calm 0	10	0	100	Squally a.   sp.
3	379	690	43°1	40°4	29°8	47°2	243	226	87	91	N 2	N 1	10	6	025	 a,  sp.  Milder.
4	736	804	46°0	46°2	35°1	51°8	267	289	87	93	W 4	W 3	10	9	076	Dull and damp a. Milder.
5	580	585	49°4	48°9	43°0	53°3	311	296	89	86	WSW 4	W 6	10	6	190	 2 sp. Squally a.
6	29°971	941	46°1	51°3	40°5	51°4	225	357	73	95	NW 2	WSW 4	7	8	045	Fine till 2p, then  a.
7	30°008	29°986	53°5	52°1	50°8	56°2	386	381	95	98	WSW 6	SW 6	9	9		Squally a. and p.  nearly all day.
8	040	30°160	50°9	51°4	50°9	58°0	344	364	93	96	SW 1	Calm 0	10	—	840	 2
9	080	040	52°9	53°9	51°4	54°0	384	413	96	99	W 6	S 8	10	—		 3
10	140	390	53°9	45°9	45°0	57°0	357	278	86	91	SW 6	Calm 0	8	—		
11	440	490	46°9	37°9	36°0	51°0	272	212	86	93	W 1	Calm 0	10	—	445	
12	680	580	45°9	46°0	33°0	53°0	268	260	88	83	Calm 0	SW 1	1	—		
13	650	480	49°9	47°9	44°5	54°0	285	285	80	86	SW 1	S 1	8	—	010	
14	840	890	51°4	50°9	46°0	58°0	305	318	81	86	Calm 0	SW 1	7	—		
15	640	690	48°0	40°9	40°9	58°0	264	249	79	98	NW 1	Calm 0	0	—		
16	640	600	46°0	39°6	34°0	51°0	302	238	95	98	W 1	Calm 0	3	—	010	
17	600	880	48°9	49°1	39°0	57°0	318	316	93	91	NW 2	Calm 0	5	—		
18	80°270	80°140	51°6	50°6	47°0	58°0	311	348	81	95	SW 3	SW 4	9	—	080	
19	80°840	80°690	50°9	46°1	46°0	53°0	302	307	98	98	NW 2	W 3	10	—		
20	880	80°840	40°9	42°9	40°9	51°0	245	233	96	84	SE 5	W 8	10	—		
21	80°880	80°190	41°9	35°5	35°0	46°0	218	197	83	96	NW 9	NNW 6	10	—	660	 2 a. 
22	80°440	80°390	44°6	44°9	33°0	50°0	236	253	79	85	NW 1	W 3	2	—		
23	80°190	80°910	50°9	49°9	44°0	55°0	362	344	98	96	SW 1	SW 6	10	—		
24	80°700	80°700	54°6	45°9	45°0	58°0	374	242	88	79	NE 6	WNW 4	9	—	290	Squally p.
25	810	29°390	49°9	43°6	43°0	54°0	278	268	79	94	W 4	W 6	8	10		Squally a.   Colder p.
26	29°967	30°245	46°3	45°6	39°0	48°0	242	256	78	84	NNW 6	NW 2	5	8	440	
27	30°285	240	47°5	49°2	45°0	50°8	272	280	84	81	WNW 3	W 3	7	10	040	
28	30°110	30°040	51°1	51°1	49°0	58°0	367	367	98	98	SW 2	W 3	10	10	210	
29	80°860	80°830	50°9	42°9	42°0	52°0	295	254	80	92	NW 4	Calm 0	9	10		 
30	720	685	47°2	42°8	41°0	52°0	271	255	84	93	NW 1	Calm 0	7	5	140	  Wind calm sp.
31	29°467	29°463	43°9	39°4	33°6	51°3	255	231	89	96	SW 1	E 2	10	1	060	
Means	30°003	30°018	48°1	45°4	41°2	52°9	293	282	86°8	91°6	3°1	2°9	7°9	—	3°981	

APRIL 1882.

DUNROBIN CASTLE.

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

APRIL 1882.

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.	%	%							
2	29°979	30°190	41°4	43°6	38°6	46°3	242	219	93	77	E	E	—	—	ins.	Dull and cloudy.	
3	30°215	234	40°4	40°9	37°4	44°5	230	209	92	82	E	E	—	—	—	Fine, but cold.	
4	210	160	42°2	40°2	39°6	45°0	229	222	86	89	E	E	—	—	—	Cold.	
5	263	339	40°2	42°6	36°6	45°5	213	229	86	84	E	E	—	—	—	Fine, but with cold wind.	
6	361	394	40°4	41°4	38°8	44°5	230	242	92	93	E	E	—	—	—	Fine a. Dull p.	
7	470	501	41°4	42°4	40°7	47°0	242	241	93	89	E	E	—	—	—		
8	576	559	45°6	42°4	35°6	50°7	238	241	78	89	E	E	—	—	—	Fine day.	
9	562	466	40°4	42°9	33°3	49°3	230	246	92	89	NE	NE	—	—	—	Very heavy squalls during the day.	
10	382	273	41°6	36°8	36°6	44°3	239	191	92	88	E	E	—	—	—	Fine.	
11	30°166	30°066	42°2	42°4	33°3	44°0	212	252	80	93	E	NE	—	—	—	Dull.	
12	29°972	29°937	40°4	38°4	36°6	44°5	249	212	99	92	E	E	—	—	—	Dull, with cold wind.	
13	874	759	37°9	42°9	32°7	43°7	198	256	87	93	E	E	—	—	—	and (sleet) a. Stormy p.	
14	680	487	40°4	38°4	37°6	42°9		230	222	92	96	E	E	—	—	140	(gale) from E. Fair p.
15	397	509	38°4	37°9	37°1	41°3	222	217	96	96	E	E	—	—	—	(gale) from E.	
16	609	663	38°4	30°3	30°3	41°5	213	144	92	84	E	E	—	—	—	Cold. showers.	
17	605	587	32°3	35°1	27°7	36°2	161	185	88	90	NW	W	—	—	—	1 inch deep.	
18	378	400	35°1	37°4	31°3	38°3	189	204	92	91	N	W	—	—	—	24 ins. deep.	
19	705	821	44°2	39°2	35°1	48°3	203	214	91	89	NE	E	—	—	—	(sleet) p.	
20	519	525	41°4	48°5	36°4	55°3	219	281	85	83	NW	NW	—	—	—	Clear and fine. Milder.	
21	619	832	53°5	48°3	43°5	58°6	367	306	90	91	E	SW	—	—	—	Mild SW. wind.	
22	809	916	51°5	43°4	43°4	57°9	241	73	85	N	NW	NW	—	—	—	Mild. Colder p.	
23	820	514	45°4	45°4	36°1	49°0	256	287	85	95	S	SW	—	—	—	Dull with .	
24	304	207	49°5	46°6	44°5	54°3	299	292	85	93	SE	SW	—	—	—	Fine.	
25	154	209	48°3	42°4	41°2	49°3	272	241	81	89	NW	NE	—	—	—	Dull, with showers.	
26	236	384	45°4	41°9	39°6	46°3	240	236	80	90	SE	NE	—	—	—	Dull. p.	
27	517	654	39°2	37°4	37°1	45°3	169	185	71	83	N	NW	—	—	—	Dull a. Fine p.	
28	614	312	44°4	44°6	36°8	45°7	272	280	93	95	S	SW	—	—	—	Fine.	
29	164	254	45°9	44°2	42°7	49°0	277	274	91	95	S	SE	—	—	—		
30	234	312	45°4	41°4	38°8	51°3	264	242	88	93	SW	NW	—	—	—	Dull.	
Means	29°371	29°492	46°4	41°4	37°6	51°3	282	219	90	85	W	W	—	—	—	Fine.	
Means	29°792	29°802	42°6	41°4	37°2	47°0	241	234	87°8	89°4	—	—	—	—	—	2°860	

LAUDALE.

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

APRIL 1882.

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°	43°	37°	49°	ins.	ins.	78	78	E	4	E	4	5	W, low and distinct op.
2	29°860	30°044	45°	43°	37°	49°	233	226	78	78	E	4	E	4	8	Grey ∞ all day.
3	29°905	30°095	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	Dry and cold.
4	29°909	30°099	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	fell suddenly 6p.
5	29°916	30°106	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	Fine.
6	29°924	30°114	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	Fine.
7	29°932	30°122	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	Fine. NW. wind 3p.—6p.
8	29°940	30°130	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	Fine. NW. wind 3p.—6p.
9	29°948	30°138	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	Fine. NW. wind Noon.—6p.
10	29°956	30°146	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	Clear a. from NW.
11	29°964	30°154	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	Dull a. Clear p.
12	29°972	30°162	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	Clear a. Grey ∞ at sunset.
13	29°980	30°170	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	* (sleet) all day. (* on hills).
14	29°988	30°178	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	* (sleet) a. and p. (* on hills).
15	29°996	30°186	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	* p. Very dark to E. 7p.
16	29°004	30°194	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	* 6a.—9p. (8½ ins. deep 6p.)
17	29°012	30°202	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	* (sleet) all day.
18	29°020	30°210	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	Fine a. ∞ all day. (mist) to W. p.
19	29°028	30°218	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	* 2.30a.—3.30p.
20	29°036	30°226	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	Squally a. * 9p.
21	29°044	30°234	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	Dull and gloomy a. and p.
22	29°052	30°242	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	White from N. and NW. p.
23	29°060	30°250	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	Very dull and gloomy. Upper clouds
24	29°068	30°258	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	Dull and gloomy a. from due N.
25	29°076	30°266	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	* (sleet) began at 4p.
26	29°084	30°274	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	* showers. * on hills. (mist).
27	29°092	30°282	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	* n. Grey ∞ p. Red sunset.
28	29°100	30°290	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	* showers. *
29	29°108	30°298	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	
30	29°116	30°306	45°	43°	37°	49°	237	233	79	78	E	6	E	7	0	
Means	29°747	30°749	45°	43°	37°	49°	247	233	81°7	83°9	3°	2°8	5°9	5°7	4°600	

DUNDEE.

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

APRIL 1882.

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°907	30°106	43°	42°	36°	48°	241	252	85	93	NE	6	NE	4	10	* n. * 0 from 5p.
2	29°915	30°114	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	* n.
3	29°923	30°122	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	Dull.
4	29°931	30°130	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	Dull.
5	29°939	30°138	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	Dull.
6	29°947	30°146	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	Fine.
7	29°955	30°154	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	Fine.
8	29°963	30°162	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	Fine.
9	29°971	30°170	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	Fine.
10	29°979	30°178	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	Dull.
11	29°987	30°186	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	* (sleet) showers n. and during
12	29°995	30°194	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	(gale) n. (violent gale) from 10a.
13	29°003	30°202	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	* n. and during day.
14	29°011	30°210	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	Fine day. (gale) * (sleet) at
15	29°019	30°218	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	* and * (sleet).
16	29°027	30°226	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	* showers till 2p.
17	29°035	30°234	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	Fine.
18	29°043	30°242	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	* till 10a. * showers till 6p.
19	29°051	30°250	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	Fine.
20	29°059	30°258	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	Cloudy.
21	29°067	30°266	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	* from 4p.
22	29°075	30°274	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	* n. and 11a.—4p.
23	29°083	30°282	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	* showers.
24	29°091	30°290	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	Stormy and cloudy.
25	29°099	30°298	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	Dull. * from 8.30p.
26	29°107	30°306	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	* n. * showers till 11a. * from 4p.
27	29°115	30°314	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	Fine.
28	29°123	30°322	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	Fine.
29	29°131	30°330	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	
30	29°139	30°338	43°	42°	36°	48°	241	252	86	96	E	4	E	4	10	
Means	29°781	30°779	43°	42°	36°	48°	246	252	80°0	87°6	3°4	3°2	8°3	8°6	4°350	

APRIL 1882.

ROTHESAY.

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

APRIL 1882.

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°	43°	37°	46°	ins.	ins.	89	86	E	ENE	—	—	ins.	Blow and cold.
2	29°834	30°036	42°	43°	37°	46°	246	242	89	86	E	ENE	—	—	—	Blow and cold.
3	29°887	30°087	42°	43°	37°	46°	237	223	81	82	ENE	E	—	—	—	Blow and cold.
4	29°878	30°069	42°	43°	37°	46°	234	238	86	89	ESE	ENE	—	—	—	Blow and cold.
5	29°154	30°204	45°	43°	40°	53°	268	227	80	81	E	ESE	—	—	—	Blow and cold.
6	29°323	30°329	42°	43°	36°	46°	232	237	85	85	NE	E	—	—	—	Fine.
7	29°388	30°475	44°	41°	39°	53°	260	216	89	84	ENE	E	—	—	—	Fine.
8	29°531	30°544	44°	44°	38°	57°	228	217	77	75	NE	E	—	—	—	Clear, but blowy.
9	29°544	30°546	48°	44°	36°	61°	210	204	63	69	E	E	—	—	—	Clear and fine.
10	29°385	30°246	40°	41°	34°	56°	201	243	81	93	NE	NW	—	—	—	Clear and fine.
11	29°30°124	30°033	48°	42°	32°	58°	267	228	80	85	SE	NE	—	—	—	Clear and fine.
12	29°29°936	29°838	43°	42°	36°	51°	222	214	78	79	NE	ESE	—	—	—	Cold.
13	29°795	30°652	39°	42°	36°	51°	205	238	84	89	ENE	ESE	—	—	—	Dull.
14	29°397	30°206	40°	39°	38°	43°	234	219	93	92	E	E	—	—	—	Dull and damp.
15	29°161	30°381	39°	38°	37°	42°	221	207	92	90	ENE	ENE	—	—	—	Dull, with ● (gale).
16	29°605	30°750	41°	33°	32°	47°	193	143	75	75	NNW	NW	—	—	—	Fine. ○
17	29°641	30°493	41°	43°	28°	48°	198	250	78	92	SSW	SW	—	—	—	Fine. ○
18	29°266	30°285	52°	43°	42°	54°	353	258	91	93	SW	WNW	—	—	—	Cloudy.
19	29°763	30°877	45°	43°	36°	52°	266	224	68	79	WNW	SE	—	—	—	Clear and fine.
20	29°606	30°631	50°	49°	41°	53°	353	327	98	94	SSW	WNW	—	—	—	Dull, with ●.
21	29°807	30°990	52°	54°	45°	58°	340	327	87	78	W	SW	—	—	—	Dull, with ●.
22	29°987	30°954	52°	47°	45°	55°	305	321	79	98	SSW	Calm	—	—	—	showers.
23	29°659	30°397	48°	48°	43°	52°	302	335	89	100	NE	SSE	—	—	—	Dull, with ● p.
24	29°263	30°254	50°	45°	41°	59°	308	297	83	97	NE	NW	—	—	—	Chilly.
25	29°266	30°396	42°	42°	40°	47°	249	228	92	85	W	NW	—	—	—	Blow.
26	29°365	30°336	45°	44°	37°	49°	236	247	79	85	NW	N	—	—	—	Blow. ● showers.
27	29°497	30°690	46°	40°	36°	50°	216	183	69	73	NNW	N	—	—	—	Chilly.
28	29°697	30°365	46°	41°	31°	49°	237	273	76	94	S	SSE	—	—	—	Blow.
29	29°147	30°268	44°	44°	41°	47°	263	287	89	99	ENE	NW	—	—	—	Dull and damp.
30	29°328	30°298	45°	40°	36°	51°	214	190	70	76	W	NW	—	—	—	Fine. ○
31	29°511	30°479	45°	40°	36°	51°	226	234	76	93	W	S	—	—	—	Fine. ○
Means	29°272	30°771	45°	43°	37°	51°	249	243	82°	86°	—	—	—	—	2°497	

SCALEBY (NEAR CARLISLE).

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

APRIL 1882.

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.	40°8	42°8	34°8	49°0	in.	in.	%	%	E	3	E	6	10	6	ins.
2	29°828	29°998	41°8	41°8	41°0	48°8	*238	*246	94	90	E	3	E	4	10	8	*020
3	30°057	30°072	41°8	41°8	41°0	48°8	*240	*227	92	86	E	3	E	4	10	0	—
4	*071	*133	43°8	43°3	40°0	49°0	*226	*251	78	90	E	6	E	3	10	0	—
5	*800	*280	49°6	42°0	41°0	51°0	*269	*223	76	85	E	4	E	2	3	10	—
6	*270	*280	44°3	42°8	39°5	48°8	*244	*234	84	85	E	4	E	4	8	10	*020
7	*350	*438	45°8	42°3	41°2	54°0	*260	*216	85	81	E	3	E	3	8	10	—
8	*521	*545	45°8	38°3	38°0	58°0	*236	*199	77	87	E	2	E	2	3	0	—
9	*530	*448	43°8	37°3	31°0	59°5	*203	*195	70	88	E	4	NE	2	0	0	—
10	*343	*339	41°0	39°6	32°2	57°8	*188	*187	74	77	NE	2	E	2	0	0	—
11	30°126	30°041	39°8	39°3	28°8	59°0	*204	*199	84	84	N	2	E	4	3	0	—
12	29°932	29°848	40°0	39°8	32°5	51°0	*205	*204	83	84	Calm	0	NE	2	10	0	—
13	*791	*645	41°6	41°8	33°8	51°0	*204	*240	78	92	E	3	E	3	10	10	*240
14	29°364	*090	44°3	45°3	41°0	48°1	*277	*288	96	96	E	4	SE	5	10	10	*670
15	28°985	*250	46°3	39°8	39°0	48°0	*299	*223	96	92	NE	1	N	3	10	10	*380
16	29°502	*727	40°8	33°8	33°8	41°8	*213	*176	84	90	N	2	N	1	10	0	—
17	*675	*555	41°6	40°8	26°5	46°2	*187	*190	72	75	SW	4	SW	1	3	10	—
18	*332	*284	48°6	45°8	39°0	51°2	*250	*265	73	86	SW	4	Calm	0	9	10	—
19	*714	*921	45°6	41°8	39°5	51°0	*204	*221	67	84	NE	2	Calm	0	5	1	*260
20	*690	29°691	48°3	46°8	38°0	58°8	*311	*318	92	99	SW	3	SW	7	10	10	*730
21	29°812	30°059	51°0	49°3	40°0	58°5	*303	*292	81	83	SW	4	SW	3	6	2	—
22	30°071	29°977	53°3	48°8	47°0	58°0	*268	*280	67	81	SW	7	Calm	0	4	2	—
23	29°606	*437	53°8	48°3	45°8	66°3	*307	*298	74	89	E	3	Calm	0	9	0	*420
24	*187	*230	49°8	46°8	42°5	53°8	*305	*318	85	99	E	3	Calm	0	10	10	*780
25	*281	*305	49°8	43°8	42°0	52°0	*240	*239	68	84	SW	5	NW	5	9	10	*150
26	*328	*252	44°8	42°3	37°8	53°0	*212	*239	71	89	SW	3	NW	2	8	10	*080
27	*416	*634	43°8	41°8	37°0	50°2	*221	*217	76	83	NW	4	N	2	10	10	—
28	*679	*471	43°3	42°8	30°0	53°0	*221	*212	79	77	W	1	SW	6	2	10	*020
29	*108	*218	45°2	43°8	41°8	49°0	*262	*261	88	92	SE	1	SW	2	10	10	*040
30	*317	*215	45°8	41°8	37°0	51°0	*194	*221	63	84	SW	1	E	1	8	10	—
Means	29°541	29°550	45°6	40°4	39°0	52°0	*188	*197	62	79	SW	6	SE	4	7	2	*030
	29°754	29°763	45°3	42°5	37°7	52°3	*239	*236	70°0	86°4	3°1		2°6	7°2	6°0	3°830	▲ ●

SCARBOROUGH.

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

APRIL 1882.

	1	29° 8'28	29° 9'07	43° 9	42° 6	37° 1	48° 8	*273	*264	95	97	E	2	E	2	9	1	—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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Observer remarks:—Mean sea temperature $44^{\circ}7$; mean sea disturbance (scale c-9) 3.

DOUGLAS, ISLE OF MAN.

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

APRIL 1882.

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°8	45°8	40°4	49°7	in.	in.	°/2	°/3	E	4	E	4	ins.	
2	29°763	29°904	42°8	45°8	40°4	49°7	268	277	98	90	E	4	E	4	003	☼ ⁰ (mist) p. ☽
3	29°940	29°987	46°3	43°7	42°9	50°3	288	254	92	88	E	6-7	E	7	002	Squally a. and p.
4	29°990	30°003	45°3	45°7	43°4	48°7	265	247	88	81	E	6-7	E	6	018	Squally a.
5	30°137	30°194	45°8	45°0	44°0	50°5	286	275	93	92	ESE	4	E	5	10	011
6	29°263	29°241	46°6	43°2	40°6	48°7	250	271	79	96	E	3	NE	3	10	
7	29°330	29°369	46°8	47°9	40°8	53°7	284	296	89	90	E	1	NE	2	9	
8	29°459	29°480	49°8	44°0	34°3	56°8	290	248	82	86	NE	4	E	4	0	
9	29°497	29°400	50°0	47°8	40°9	57°7	237	272	66	82	E	3	E	4	0	
10	29°363	29°247	43°8	35°2	33°5	51°4	255	266	89	100	ESE	3	Calm	0	3	
11	30°126	30°010	51°3	41°7	37°0	57°0	360	209	95	80	WSW	1	WNW	2	4	
12	29°897	29°816	45°5	46°0	29°6	48°6	275	292	91	94	ESE	2	SE	2	2	
13	29°713	29°528	45°1	46°5	42°5	50°5	272	314	90	99	ESE	4	E	6	9	
14	29°256	29°019	46°8	49°7	45°6	52°5	303	344	95	96	ESE	5	NE	4	10	
15	29°029	29°238	45°2	40°4	40°4	49°8	299	242	100	97	N	1	NE	4	10	
16	29°521	29°288	39°8	35°5	35°5	46°0	228	198	94	95	NNE	4	Calm	0	8	
17	29°719	29°528	42°9	45°0	26°3	45°8	205	275	75	92	WSW	4	S	5	3	
18	29°343	29°325	46°8	44°5	44°5	51°2	321	281	100	96	S	3	NNW	5	10	
19	29°762	29°935	45°1	45°0	41°4	51°2	259	268	86	90	NNW	4	SSW	4	7	
20	29°757	29°693	50°1	49°0	44°6	53°0	360	348	99	100	SSW	4	SSW	5	10	
21	29°902	29°999	51°7	47°5	40°6	56°4	332	316	87	96	W	5	Calm	0	3	
22	30°112	29°951	50°4	46°7	45°6	52°8	341	310	93	97	S	5	E	1	7	
23	29°601	29°414	49°7	42°7	42°7	51°6	336	270	94	98	ESE	3	Calm	0	10	
24	29°211	29°278	46°9	47°0	41°6	50°6	319	303	100	94	NE	1	WNW	3	10	
25	29°399	29°429	48°6	43°7	43°7	50°7	280	251	82	88	WNW	6	NW	7	7	
26	29°407	29°309	43°0	44°5	39°8	50°7	251	264	90	90	NW	3	NW	3	7	
27	29°460	29°666	45°5	40°0	40°0	50°9	241	222	79	90	N	3	NW	3	8	
28	29°760	29°362	43°9	47°0	34°6	48°4	203	311	72	97	WSW	2	S	6	9	
29	29°050	29°309	44°8	44°0	43°5	50°6	278	265	94	92	SSE	1	NW	6	10	
30	29°318	29°304	44°5	40°5	35°6	52°2	335	321	80	92	ESE	2	NNW	5	10	
30	29°581	29°509	45°2	45°0	36°7	49°0	247	253	83	85	SSW	4	W	6	8	
Means	29°756	29°743	46°3	44°3	39°7	51°0	279	270	88°5	92°1	3°4		3°7	7°1	6°2	4°54
								</								

LLANDUDNO.

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

APRIL 1882.

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.	45.2	49.0	39.5	52.0	in.	in.	90	93	E	1	ESE	2	10	7	ins.	☁ (mist) 9p.
2	29.701	29.844	45.2	44.5	42.5	49.8	269	270	90	93	E	4	E	4	9	10	0.10	☁ (mist) a. Squally p.
3	29.940	29.975	46.7	49.2	43.0	51.2	270	277	85	79	E	4	E	2	7	9	—	Dull. ☁ (mist) p.
4	30.080	30.156	46.8	47.2	43.5	54.0	292	251	91	78	E	2	NE	2	10	7	—	☁ (mist) a. and p. ☁
5	29.209	29.208	43.0	43.8	37.2	47.2	236	268	85	94	E	1	NE	1	10	10	1.00	☁ (mist) a. p. Very cold.
6	30.1	3.27	47.2	47.8	40.8	50.6	286	298	89	90	SE	1	E	1	8	0	—	Fine with ☁. Sea ☁ p.
7	432	423	45.0	46.8	38.0	52.9	250	235	84	74	E	2	E	2	3	0	—	Very fine, but with ☁
8	498	362	45.5	49.0	37.2	55.0	240	256	80	74	E	2	E	1	0	0	—	Very fine, but with ☁
9	327	30.288	44.8	45.0	36.8	50.2	230	271	77	91	E	2	E	1	0	0	—	Very fine, but with ☁
10	30.139	29.979	48.0	44.8	37.5	55.0	277	217	81	73	WSW	2	NW	2	1	0	—	Very fine, but with ☁
11	29.906	29.820	52.0	46.0	37.8	53.1	248	275	65	90	SW	1	NW	1	0	0	—	Very fine, but with ☁
12	714	580	50.0	49.4	42.2	54.8	266	322	75	91	SW	1	SW	1	8	7	290	Fine till 5.30p., then ☁. Squall from
13	285	028	53.4	50.0	46.0	61.8	388	361	95	100	SW	2	S	1	6	10	280	Fine till 4p., then ☁ shower. (SE. 7.15p.)
14	047	276	52.0	48.1	47.0	53.2	316	292	81	87	WSW	4	W	1	8	10	140	Squally, with ☁ showers.
15	462	730	39.0	38.8	37.8	48.2	224	228	94	97	E	5	E	1	10	10	080	Squally, with ☁ showers.
16	799	573	44.0	44.2	33.5	49.0	223	241	76	83	SW	2	W	2	8	10	—	Fine.
17	363	341	49.8	47.2	43.2	50.5	307	301	86	93	SW	1	W	2	10	7	050	☁ showers a. Fine p.
18	755	055	46.0	45.1	42.2	49.5	243	246	79	82	NW	2	W	1	8	10	040	Fine.
19	791	29.760	57.0	53.2	44.8	60.2	371	351	80	86	WSW	3	SW	4	5	10	390	Very fine. Squally p.
20	29.947	30.150	51.8	51.2	45.8	57.8	321	305	83	81	WNW	3	W	1	8	0	—	Very fine.
21	30.145	29.944	51.7	49.8	45.2	56.0	281	317	74	88	SE	1	NE	1	8	10	140	Very fine.
22	29.600	29.474	50.8	50.0	48.0	57.0	345	298	93	83	SW	1	S	1	10	6	640	☁ a. Fine p.
23	153	309	49.0	47.2	45.1	53.2	329	315	95	98	SE	1	WNW	2	10	2	650	☁ a. Fine p.
24	481	489	49.2	45.5	44.8	52.8	280	253	81	83	NW	3	W	4	5	4	030	☁ showers.
25	523	340	45.6	44.0	41.3	47.6	234	233	77	81	NE	1	NE	2	8	9	020	☁ showers.
26	435	670	49.0	45.0	42.5	49.8	254	215	73	72	E	2	NW	1	5	10	070	Stormy, with ☁
27	796	482	43.5	47.1	40.0	51.8	235	274	83	85	NW	1	W	1	9	10	180	Fair.
28	054	378	47.2	46.8	43.5	50.2	268	267	84	84	SW	2	W	3	8	10	010	☁ showers.
29	313	303	44.7	39.8	37.3	51.5	221	223	75	92	SE	2	NW	5	10	10	640	☁ showers.
30	29.618	29.563	46.7	43.0	37.2	51.3	223	244	71	88	W	3	W	2	5	4	020	☁ showers.
Means	29.756	29.755	47.7	46.6	41.4	52.6	273	272	82.5	85.4	2.1	1.8	6.9	6.4	5.1	180		

BUXTON.

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

APRIL 1882.

1	29.801	29.947	42.8	41.6	36.8	52.7	248	247	91	94	E	2	SE	2	7	5	—	Fine a. Dull p. Coltsfoot in flower.
2	29.957	30.045	42.1	38.9	37.8	43.1	252	217	94	92	E	4	E	3	10	10	—	Dull, with ☁ ⁰ (mist).
3	30.033	30.098	43.6	42.8	37.8	44.6	208	248	73	91	E	3	E	2	10	10	—	Dull and cool. ☁ ⁰ (mist).
4	152	217	44.1	38.9	36.8	51.6	231	199	79	85	E	3	NE	4	5	7	—	
5	206	228	39.9	39.4	35.3	40.5	239	231	98	96	NE	4	NE	1	10	10	1.00	Dull and cold. ✱ ⁰ a. ● p.
6	321	418	42.4	38.1	36.5	53.4	253	215	94	94	ENE	2	NE	2	10	1	—	
7	451	482	43.9	37.9	35.3	53.9	218	210	76	92	E	3	NE	2	0	0	—	Fine and sunny.
8	484	422	44.4	41.8	31.8	54.2	258	174	88	67	E	2	E	2	0	0	—	Fine and bright.
9	406	294	35.6	38.4	31.8	54.3	185	170	89	73	ENE	3	E	1	10	0	—	Dull a. Biting wind. Bright p.
10	30.135	30.066	48.9	38.1	26.0	55.7	265	218	96	95	W	1	NW	1	6	4	—	Fine and sunny.
11	29.971	29.869	37.1	39.2	34.4	53.2	219	176	99	74	NE	1	NE	2	10	10	—	
12	817	638	42.4	44.3	32.8	50.5	226	275	84	95	SE	1	SE	2	7	10	485	Dull p.
13	394	024	45.6	46.9	43.4	51.2	294	308	97	97	SE	2	SE	1	10	10	660	Dull and heavy.
14	127	271	47.3	41.6	40.9	51.0	285	208	88	79	SW	4	NW	1	6	1	060	☁ ⁰ (mist) p.
15	487	687	36.6	36.6	31.5	42.1	196	196	91	91	SE	3	SE	3	10	0	—	
16	798	686	40.3	40.9	34.0	47.1	165	247	66	97	SW	1	SW	2	5	2	—	
17	424	29358	44.9	42.3	38.0	52.9	286	250	96	93	S	2	SW	1	10	10	240	Dull.
18	722	30.020	41.4	38.9	36.8	49.6	229	217	88	92	WNW	1	NW	1	10	5	050	☁ before 9a.
19	881	29.834	50.9	50.9	35.3	58.2	331	297	89	80	SW	3	SW	2	9	7	320	☁ before 9a.
20	29.930	30.222	47.9	44.4	42.9	55.9	278	258	84	88	W	4	SW	2	8	1	—	☁ before 9a. Fine day.
21	30.215	29.984	53.6	50.4	46.6	59.2	338	327	81	89	W	2	SE	2	7	10	090	Fine a. Dull p. Warm.
22	29.732	29.504	42.9	46.6	42.9	52.2	274	281	99	90	SW	2	NW	2	10	0	560	Dull a. Bright p.
23	169	308	46.6	42.9	39.3	55.7	301	243	95	88	E	1	W	1	10	6	400	Dull a. Fine p. Cool.
24	438	414	46.9	41.1	39.1	49.9	285	232	90	80	W	2	W	2	8	10	265	
25	425	288	42.3	40.7	37.4	47.3	214	237	80	93	SW	2	W	2	10	8	090	
26	411	665	41.6	36.4	35.5	45.8	208	174	79	81	NW	1	NW	1	8	5	—	Fine a. Dull p.
27	734	591	36.5	43.1	29.0	51.5	206	252	96	90	SW	2	SW	2	7	6	440	Fine a. Dull p.
28	119	331	45.6	41.4	39.5	55.3	245	243	80	94	SW	3	SW	4	6	10	500	Fine and warm a. ✱ ● ▲ p.
29	398	070	44.3	34.5	32.5	47.5	248	184	85	92	SSE	2	NW	2	10	10	960	● ✱
30	29.663	29.656	45.4	38.9	32.8	50.1	277	211	92	90	W	3	NW	2	4	4	060	☁ ✱ before 9a. ▲ p.
Means	29.793	29.788	43.4	41.3	36.2	51.0	249	232	87.9	88.7	2.3	1.9	7.8	5.7	5.2	84		

HILLINGTON, NORFOLK.

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

APRIL 1882.

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.	57.1	42.3	34.9	59.3	in.	in.	90	93	SE	2	ESE	2	2	8	ins.	[gale] n.
2	29.810	29.922	47.1	43.7	41.9	48.3	284	267	87	93	ESE	6	E	2	10	10	—	Very fine and sunny. Much cirrus p.
3	30.018	30.042	46.6	43.1	42.9	55.8	269	267	86	96	E	3	E	3	10	0	—	till 6p. ☁
4	153	165	48.0	42.8	40.1	55.1	218	234	65	85	E	5	SE	2	4	8	128	Very fine day. ☁
5	091	167	43.7	41.4	40.1	49.5	275	261	96	100	E	2	E	0.5	10	4	067	Very fine and sunny.
6	258	337	52.3	40.9	40.4	59.4	322	247	82	97	E	1	E	0.5	0	0	003	☁ p. ☁ 11.30p.
7	385	411	51.2	39.8	37.9	56.1	247	207	66	85	ENE	4	NE	2	0	0	001	Very fine and sunny. ☁
8	435	376	53.1	39.7	36.8	56.6	296	242	74	99	NE	1	NE	1	0	8	002	Cloudless all day. ☁
9	311	243	49.7	36.2	36.1	57.5	283	201	80	94	NE	3	NE	1	5	1	001	☁ p. ☁
10	30.152	30.011	45.3	42.2	30.9	55.2	240	199	80	75	SW	0.5	SE	1	6	2	—	☁ p. ☁
11	29.930	29.875	45.0	37.9	30.6	52.4	230	204	77	90	NE	0.5	NE	1	10	7	—	☁ p. ☁
12	820	715	49.6	48.5	34.6	57.4	275	271	78	80	SSE	1	S	0.5	0	10	058	☁ a. Cloudy. ☁
13	475	090	47.6	50.0	46.1	50.7	309	353	95	98	SSE	2	SSE	4	10	10	705	☁ a. Sunny a. Cloudy p.
14	172	246	50.5	46.2	46.1	57.7	293	283	80	91	W	6	NW	2	9	0	013	☁ from 7.30a. ☁ from 6p.
15	411	668	43.6	38.0	37.8	49.3	279	172	98	74	NE	2	NE	0.5	10	2	—	☁ p.
16	797	695	48.2	40.7	30.1	51.2	209	208	63	82	S	0.5	S	1	5	3	—	☁ p.
17	462	20.289	51.0	48.0	39.1	56.4	304	328	91	98	S	0.5	S	2	8	10	150	☁ p. ☁
18	606	30.025	45.7	39.7	32.9	52.2	244	222	80	91	S	2	SE	0.5	10	10	032	☁ p. ☁
19	968	20.028	46.4	53.7	37.9	61.5	316	365	100	88	SW	2	SW	5	10	10	012	☁ p. Mild.
20	29.860	30.193	50.6	48.2	47.3	60.6	304	272	83	82	NW	4	WNW	0.5	10	1	002	☁ a.
21	30.251	30.045	49.0	50.8	36.6	66.3	297	309	86	83	SW	1	SE	2	4	10	—	☁ a. Day very fine.
22	20.725	20.547	55.5	50.7	50.1	56.8	335	360	77	97	SE	2	SSW	1	10	6	231	☁ p. ☁
23	252	325	52.0	49.1	45.9	57.6	328	307	84	89	S	6	SW	4	10	4	127	☁ 0.30p. ☁ showers.
24	423	385	52.0	46.7	45.7	55.1	313	255	81	80	SW	3	SW	5	8	10	038	T 10a.
25	445	163	47.4	40.2	39.1	52.3	242	249	75	100	SW	5	NE	1	7	10	400	☁ 0 from 3.30p.
26	262	568	43.8	39.4	38.5	49.4	274	189	96	79	NW	3	N	1	10	0	030	☁ 0 till 9a. Sunny from 2p.
27	721	048	44.7	42.4	37.4	53.7	249	232	84	86	NW	2	SW	0.5	10	7	120	☁ p. ☁
28	214	20.287	43.2	45.0	38.3	57.8	268	268	95	90	S	4	W	1	10	10	120	☁ a. ☁ 4.30p. ☁ 4.40p. ☁ 6.30p.
29	454	28.866	48.6	44.6	38.1	51.4	268	274	75	93	SW	4	SW	7	5	10	447	Fine a. ☁ from 11a. ☁ (gale) at night.
30	20.680	20.715	47.3	42.7	37.3	55.8	207	235	64	85	W	6	SW	2	3	7	160	☁ a. ☁ 6.15p.
Means	29.782	29.765	48.5	43.8	39.1	55.3	279	257	81.9	88.9	2.8	1.9	6.9	5.9	2.747			

CHURCHSTOKE.

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

APRIL 1882.

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°	40°	41°	53°	ins.	ins.	73	73	SSE 1	SE 2	10	5	ins.	● \mathcal{R} 2p.-3p. Cold. \mathcal{M} (mist).
2	29° 698	29° 856	43°	40°	41°	53°	296	224	93	73	E 3	ENE 2	10	10	242	
3	29° 935	29° 984	42°	40°	40°	53°	259	294	95	89	SE 3	SE 2	10	8	—	D. Dull. Dull, with ∞.
4	30° 086	30° 171	44°	42°	42°	53°	271	234	92	85	E 1	E 2	10	8	—	
5	183	210	39°	39°	35°	43°	213	226	88	93	NE 2	Calm 0	10	10	016	D. Cold. Dull, with ∞.
6	315	356	42°	47°	38°	53°	232	270	87	83	NE 1	ESE 2	9	4	—	
7	414	435	39°	41°	38°	56°	218	175	90	67	ENE 3	E 1	3	0	—	D. Cold. Dull, with ∞.
8	440	388	41°	39°	28°	57°	201	204	77	84	N 1	NE 1	0	0	—	
9	372	260	38°	37°	30°	52°	186	202	81	91	SE 1	SE 1	0	0	—	D. Cold. Dull, with ∞.
10	30° 161	30° 054	45°	40°	29°	60°	226	187	76	75	Calm 0	Calm 0	1	0	—	
11	29° 919	29° 836	46°	43°	29°	57°	213	205	69	71	ENE 2	ENE 1	0	6	—	D. Cold. Dull, with ∞.
12	742	29° 580	45°	43°	29°	57°	213	205	69	71	ENE 2	ENE 1	0	6	—	
13	261	28° 980	50°	48°	43°	60°	352	313	95	91	WSW 2	W 1	6	10	090	D. Cold. Dull, with ∞.
14	149	29° 260	40°	44°	44°	58°	263	245	74	83	W 5	WSW 1	5	0	035	
15	400	752	45°	37°	36°	58°	271	200	90	90	E 2	Calm 0	9	1	—	D. Cold. Dull, with ∞.
16	788	601	41°	42°	26°	48°	215	167	65	79	S 2	SSW 3	0	10	007	
17	374	29° 397	40°	44°	41°	54°	303	253	95	86	SE 1	W 2	10	3	—	D. Cold. Dull, with ∞.
18	756	30° 035	44°	43°	40°	53°	279	220	67	79	NW 3	NW 1	6	10	009	
19	29° 881	29° 851	56°	51°	42°	62°	340	336	75	89	W 3	W 3	3	10	064	D. Cold. Dull, with ∞.
20	30° 004	30° 242	51°	47°	45°	58°	283	260	75	80	WNW 2	NW 1	9	5	—	
21	30° 202	29° 939	52°	53°	37°	60°	248	260	65	65	SE 1	SW 1	7	10	083	D. Cold. Dull, with ∞.
22	29° 600	460	49°	47°	45°	59°	333	262	95	79	SSE 2	SW 1	10	3	342	
23	120	330	50°	46°	45°	54°	309	297	85	95	SW 2	W 1	10	10	090	D. Cold. Dull, with ∞.
24	498	510	47°	43°	42°	52°	277	226	85	81	NW 2	NW 1	4	2	045	
25	423	345	43°	36°	36°	47°	209	176	73	81	W 1	W 1	9	0	—	D. Cold. Dull, with ∞.
26	405	713	44°	38°	35°	50°	231	196	79	85	NNW 2	WSW 1	8	7	—	
27	781	570	42°	43°	32°	53°	197	243	71	85	WNW 2	WSW 2	10	3	510	D. Cold. Dull, with ∞.
28	108	449	48°	42°	41°	49°	233	226	68	84	SW 4	SW 4	8	10	089	
29	349	371	39°	37°	32°	44°	224	197	92	89	SSW 1	WNW 4	10	10	780	D. Cold. Dull, with ∞.
30	29° 683	29° 645	45°	40°	35°	50°	209	216	69	85	SW 4	SW 2	3	10	094	
Means	29° 763	29° 785	45°	43°	37°	53°	247	236	81°	83°	2°	1°	6°	5°	3°	009

GELDESTON (BECCLES).

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

APRIL 1882.

1	29° 828	29° 909	52°	46°	38°	55°	287	269	74	87	SE 2	E 4	0	1	—	D ² ga. D ⁰ gp.
2	29° 939	29° 991	45°	45°	44°	46°	269	275	88	92	E 4	E 3	10	10	—	
3	30° 007	30° 042	48°	44°	44°	52°	283	282	85	97	E 3	NE 1	10	0	—	D ² gp.
4	143	135	47°	43°	42°	50°	235	252	74	89	E 5	NNE 3	5	8	—	
5	062	130	45°	43°	42°	51°	274	262	90	94	ENE 2	NNE 1	10	0	050	Very fine day. D ⁰ gp. [D ² gp. ● 10p.
6	255	309	50°	43°	41°	53°	284	249	79	90	E 3	ENE 2	0	0	—	
7	377	383	49°	44°	42°	52°	236	226	68	78	E 3	ENE 2	0	0	—	Cloudless day. D ⁰ gp. [D ² gp. ● 10p.
8	405	356	51°	41°	40°	55°	243	250	63	98	ENE 3	NNE 1	0	0	010	
9	286	229	48°	42°	37°	51°	262	208	78	78	ENE 3	ENE 1	2	8	—	D ⁰ on grass ga. Cloudless day. [D ² gp. ● 10p.
10	30° 156	30° 035	46°	41°	35°	51°	187	178	58	69	S 1	S 1	10	5	—	
11	29° 919	29° 875	48°	42°	37°	50°	225	203	67	92	N 1	E 1	1	0	—	D ⁰ on grass ga. Cloudless day. [D ² gp. ● 10p.
12	831	742	49°	49°	31°	56°	257	273	73	77	SSW 1	SSE 3	0	10	030	
13	533	167	48°	49°	46°	50°	302	344	88	98	S 3	S 2	10	10	710	D ⁰ ga. Partial D ⁰ gp. [D ² gp. ● 10p.
14	214	225	51°	48°	46°	58°	268	279	70	81	WSW 4	SW 4	6	0	020	
15	386	636	45°	39°	38°	49°	268	196	88	80	N 1	Calm 0	10	1	—	D ⁰ ga. D ⁰ gp. [D ² gp. ● 10p.
16	785	732	44°	37°	31°	49°	203	199	68	90	Calm 0	S 1	8	1	—	
17	514	29° 303	50°	48°	36°	53°	287	338	80	98	SSW 3	WSW 1	10	10	090	D ⁰ ga. D ⁰ gp. [D ² gp. ● 10p.
18	29° 567	30° 019	47°	38°	37°	52°	235	208	74	91	WNW 4	Calm 0	10	0	—	
19	30° 009	29° 970	48°	52°	36°	58°	286	346	86	88	SW 3	SW 4	10	0	010	D ⁰ ga. D ⁰ gp. [D ² gp. ● 10p.
20	29° 839	30° 201	52°	47°	47°	61°	337	285	86	86	WSW 4	Calm 0	10	0	—	
21	30° 262	30° 075	54°	48°	39°	63°	278	322	66	93	WSW 1	SE 1	7	3	—	D ⁰ ga. D ⁰ gp. [D ² gp. ● 10p.
22	29° 750	30° 575	54°	51°	48°	57°	308	339	74	88	SSE 2	SW 1	10	4	030	
23	324	370	54°	50°	46°	58°	308	306	74	84	S 6	SW 3	10	3	030	D ⁰ ga. D ⁰ gp. [D ² gp. ● 10p.
24	429	422	50°	46°	45°	57°	301	256	81	81	W 3	WSW 4	9	6	070	
25	447	104	48°	42°	40°	53°	240	267	71	100	W 3	ENE 4	4	10	930	D ⁰ ga. D ⁰ gp. [D ² gp. ● 10p.
26	220	532	45°	40°	38°	48°	274	190	91	76	WNW 3	NW 2	10	0	040	
27	693	688	45°	44°	36°	49°	249	275	84	93	NW 3	SSE 1	9	10	060	D ⁰ ga. D ⁰ gp. [D ² gp. ● 10p.
28	286	29° 275	43°	40°	39°	56°	205	292	92	94	S 5	W 4	10	8	120	
29	487	28° 951	48°	44°	42°	51°	238	235	69	79	SW 2	SW 9	2	10	510	D ⁰ ga. D ⁰ gp. [D ² gp. ● 10p.
30	29° 701	29° 756	47°	40°	37°	55°	211	243	66	78	W 5	SSW 2	1	2	030	
Means	29° 788	29° 773	48°	44°	40°	53°	263	261	76°	87°	2°	2°	6°	4°	2°	740

APRIL 1882.

CHELTENHAM.

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

APRIL 1882.

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°	47°	41°	56°	in.	in.	72	72	SE 3	E 5	8	3	ins.	Very fine day, with much wind. Squalls [9p.	
2	29° 700	29° 802	48°	47°	43°	58°	281	235	85	72	E 4	E 3	10	8	010		
3	817	914	46°	47°	43°	58°	277	277	88	87	E 4	E 3	10	8	—	Many wasps seen.	
4	29° 900	29° 940	45°	50°	43°	59°	277	312	91	84	E 2	E 4	5	0	—	Beautiful day.	
5	30° 037	30° 120	48°	45°	45°	56°	276	218	83	73	E 2	E 2	9	0	—	Beautiful day.	
6	124	182	44°	40°	38°	46°	256	234	88	92	N 2	N 1	10	10	010	Dull. 0	
7	267	301	42°	49°	40°	60°	260	259	95	74	N 2	E 1	10	0	—	Bright afternoon.	
8	333	359	48°	44°	39°	59°	239	233	70	79	N 1	NE 1	1	0	—	Cloudless. Much dust.	
9	397	341	44°	45°	35°	60°	239	214	81	71	N 1	E 1	0	0	—	Cloudless day.	
10	327	273	42°	45°	35°	55°	212	234	80	79	NE 3	NE 1	6	0	—	Very bright. Plums and pears in full bloom.	
11	30° 154	30° 010	44°	40°	29°	57°	222	219	76	87	SW 1	Calm 0	1	0	—	Magnificent day.	
12	29° 929	29° 829	50°	47°	28°	57°	241	205	68	91	SW 1	SW 1	6	0	—	Very fine day.	
13	742	29° 590	52°	49°	35°	54°	269	313	68	90	S 3	S 3	6	2	250	Fine a. 0 p. [Swallows seen.	
14	314	28° 985	51°	48°	45°	56°	345	313	92	93	S 4	S 1	10	10	480	0 all day.	
15	217	29° 292	50°	46°	40°	58°	276	257	74	82	SW 4	N 1	8	0	050	Splendid day, with wind.	
16	379	690	47°	40°	35°	51°	288	206	89	82	N 3	N 2	10	10	020	Dull. 0 showers.	
17	795	938	45°	44°	26°	49°	184	244	61	84	W 1	SE 1	5	10	010	Very fine day. Apples in blossom.	
18	753	29° 392	50°	45°	42°	53°	328	273	90	90	S 2	S 1	7	9	090	Dull till 4p., then 0	
19	374	30° 366	46°	40°	34°	50°	218	246	70	79	NW 2	Calm 0	9	10	030	Very fine day.	
20	29° 955	29° 898	54°	52°	44°	58°	356	356	84	90	SW 2	SW 4	10	10	060	Dull. 0 showers.	
21	30° 018	30° 270	54°	47°	47°	62°	281	270	66	87	W 4	W 1	5	0	—	Very fine and bright.	
22	30° 221	29° 941	56°	53°	36°	62°	276	388	59	95	SW 2	S 4	5	9	220	Very fine and bright. Cuckoo heard.	
23	29° 594	460	50°	51°	47°	59°	352	328	97	87	SE 3	S 4	10	4	610	0 2 a. Fine p.	
24	565	383	51°	48°	48°	55°	328	287	85	84	SW 3	SW 3	6	10	030	Fine day. Lilac in bloom.	
25	511	510	50°	44°	44°	54°	278	248	78	80	W 3	W 3	7	6	010	Very fine, with wind.	
26	447	260	47°	41°	40°	48°	221	216	67	82	W 1	N 1	10	10	380	0 2	
27	382	638	46°	49°	30°	52°	240	245	76	83	NW 2	N 2	8	10	010	Fine.	
28	756	605	46°	45°	29°	52°	193	218	62	73	W 2	S 2	6	3	480	Fine and bright. Horse chestnuts in flower.	
29	198	445	44°	46°	41°	51°	243	231	84	71	SW 2	W 1	5	6	100	0 2 early a.	
30	378	276	42°	41°	38°	53°	233	217	88	84	SE 1	W 9	10	10	380	0 2. Squally 2 at night.	
Means	29° 764	29° 767	48°	45°	39°	55°	264	258	78°	83°	2°	2°	7°	5°	3°	490	0 2 all day. K 2 2p.-3p.

MARLBOROUGH.

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

APRIL 1882.

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.	47.3	46.7	41.8	55.2	ins.	ins.	81	75	S 3	E 2	9	10	ins.	
2	29.709	29.803	47.3	46.7	42.4	57.0	285	290	90	92	SE 1	E 1	10	10	ins.	
3	29.702	29.962	45.7	48.3	43.8	57.9	284	316	93	94	E 2	E 1	10	0	ins.	till 11 a. p.
4	30.035	30.108	48.5	42.3	42.3	54.2	289	218	86	82	E 2	Calm	10	0	ins.	(mist) a. p.
5	115	182	42.3	41.0	38.2	46.1	252	243	94	95	NE 1	Calm	10	9	ins.	ga.
6	251	288	43.6	45.7	38.2	59.0	246	237	86	78	NE 1	Calm	10	0	ins.	
7	323	340	45.6	44.9	36.2	59.1	239	207	79	70	ENE 1	E 1	0	0	ins.	
8	369	327	47.7	43.9	34.9	60.6	244	238	74	83	E 1	Calm	0	0	ins.	
9	313	220	42.3	45.6	35.0	55.3	216	234	81	77	NE 1	ENE 1	6	0	ins.	
10	30.173	30.052	47.3	41.9	30.5	57.2	241	216	75	83	Calm	Calm	4	2	ins.	
11	29.949	29.865	47.9	44.8	33.3	59.0	257	248	78	83	Calm	Calm	0	3	ins.	(mist) a.
12	773	646	51.1	47.8	37.3	52.1	238	325	64	98	S 2	S 1	9	10	ins.	
13	359	025	49.7	47.4	47.0	53.6	344	323	96	98	S 1	SW 1	10	10	ins.	
14	274	322	50.8	45.3	43.3	56.6	271	284	73	94	SW 1	Calm	7	0	ins.	Squally before ga.
15	378	662	50.9	39.3	38.4	55.3	313	210	85	88	Calm	NE 1	8	10	ins.	(mist) a.
16	810	667	44.6	41.8	30.8	50.1	196	254	66	96	Calm	Calm	3	10	ins.	
17	425	29.463	51.0	44.1	41.8	54.8	317	275	85	95	SW 2	W 1	9	9	ins.	
18	29.743	30.054	49.6	43.7	42.3	56.2	231	251	66	88	NW 2	Calm	6	0	ins.	
19	30.014	29.977	52.1	50.1	43.8	54.9	373	355	96	98	SW 1	SW 2	10	10	ins.	
20	048	30.203	54.4	45.3	45.3	60.5	301	278	71	92	NW 2	Calm	8	0	ins.	Squally before ga.
21	30.278	29.994	46.7	51.5	37.1	61.4	276	284	87	75	Calm	Calm	7	10	ins.	ga.
22	29.663	534	48.9	48.1	47.9	56.9	339	308	98	92	Calm	S 1	10	0	ins.	
23	206	419	51.5	47.7	47.2	57.2	352	269	93	82	SW 1	SW 1	9	8	ins.	
24	518	563	49.1	42.9	42.0	55.2	292	250	84	91	NW 2	NW 1	10	3	ins.	
25	482	257	46.1	39.3	35.5	46.1	268	238	86	99	Calm	NW 2	10	10	ins.	
26	378	630	46.0	43.7	32.3	53.7	247	237	80	83	N 2	Calm	0	9	ins.	
27	705	667	46.7	43.7	36.0	51.3	209	245	66	85	Calm	SW 1	5	1	ins.	
28	208	472	48.5	42.0	42.0	52.6	243	260	71	98	W 1	Calm	7	2	ins.	
29	423	343	42.6	39.4	38.0	51.4	234	193	86	80	Calm	W 3	10	5	ins.	
30	29.773	29.724	47.7	41.6	33.9	53.1	201	237	61	91	WSW 1	S 2	3	10	ins.	
Means	29.784	29.792	47.8	44.6	39.3	55.1	269	259	81.0	87.8	1.0	0.8	7.3	5.1	5.000	

MARGATE.

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

APRIL 1882.

1	—	—	49.9	—	40.6	54.0	264	—	74	—	—	—	—	—	—	Sunny.
2	—	—	49.9	—	45.6	51.5	295	—	83	—	—	—	—	—	—	Fine.
3	—	—	45.8	—	44.9	51.9	302	—	98	—	—	—	—	—	—	(mist) a. p.
4	—	—	46.8	—	43.0	50.5	275	—	86	—	—	—	—	—	—	
5	—	—	46.7	—	46.1	51.8	255	—	80	—	—	—	—	—	—	
6	—	—	51.6	—	46.8	52.6	289	—	76	—	—	—	—	—	—	
7	—	—	50.1	—	47.7	52.0	234	—	66	—	—	—	—	—	—	
8	—	—	51.1	—	48.1	54.0	281	—	76	—	—	—	—	—	—	
9	—	—	47.8	—	47.1	51.3	264	—	79	—	—	—	—	—	—	
10	—	—	47.0	—	41.1	51.1	244	—	77	—	—	—	—	—	—	
11	—	—	44.1	—	37.0	50.8	246	—	85	—	—	—	—	—	—	
12	—	—	50.3	—	38.6	57.9	280	—	77	—	—	—	—	—	—	
13	—	—	50.1	—	42.1	54.1	306	—	84	—	—	—	—	—	—	
14	—	—	52.6	—	43.1	56.2	284	—	72	—	—	—	—	—	—	
15	—	—	52.3	—	42.1	55.0	319	—	81	—	—	—	—	—	—	
16	—	—	43.4	—	39.3	49.8	206	—	73	—	—	—	—	—	—	
17	—	—	49.0	—	42.0	55.3	325	—	94	—	—	—	—	—	—	
18	—	—	47.5	—	44.9	52.8	246	—	75	—	—	—	—	—	—	
19	—	—	48.8	—	43.6	56.7	322	—	93	—	—	—	—	—	—	
20	—	—	53.1	—	47.1	61.3	307	—	76	—	—	—	—	—	—	
21	—	—	52.4	—	38.9	61.7	333	—	85	—	—	—	—	—	—	
22	—	—	53.2	—	48.6	59.7	311	—	77	—	—	—	—	—	—	
23	—	—	50.9	—	49.3	57.7	346	—	93	—	—	—	—	—	—	
24	—	—	52.6	—	45.2	56.8	297	—	75	—	—	—	—	—	—	
25	—	—	50.3	—	39.6	53.7	243	—	68	—	—	—	—	—	—	
26	—	—	45.0	—	39.2	49.3	250	—	84	—	—	—	—	—	—	
27	—	—	45.8	—	41.6	51.6	220	—	72	—	—	—	—	—	—	
28	—	—	44.7	—	40.6	55.5	277	—	93	—	—	—	—	—	—	
29	—	—	50.1	—	39.6	51.6	254	—	71	—	—	—	—	—	—	
30	—	—	48.5	—	38.6	55.3	237	—	70	—	—	—	—	—	—	
Means	—	—	49.0	—	43.1	54.1	277	—	79.8	—	—	—	6.3	—	2.720	

APRIL 1882.

STRATHFIELD TURGISS.

Height above Mean Sea Level, 195 feet. Long. 1° 0' W. Lat. 51° 20' N.

APRIL 1882.

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.	29° 824	50° 6	47° 2	39° 0	59° 8	in.	in.	%	%	S	3-4	SW	2	8	ins.	
2	29° 739	29° 824	50° 6	47° 2	39° 0	59° 8	255	251	69	78	S	3-4	SW	2	8	5	—	Squally ga.
3	826	932	50° 7	46° 4	43° 0	61° 5	295	245	80	79	SE	3	E	3-4	8	10	—	Squally op.
4	29° 921	29° 966	47° 3	48° 6	45° 0	61° 3	293	317	90	93	E	3	E	1	10	4	—	Squally a.
5	30° 051	30° 099	51° 4	43° 2	42° 1	57° 3	251	226	66	81	E	3-4	NE	2	1	0	—	Squally a.
6	099	161	46° 8	41° 8	39° 9	55° 1	287	243	90	92	NE	2-3	NE	1	10	0	—	Squally ga.
7	241	291	43° 6	45° 3	36° 4	64° 3	266	225	93	75	N	2	N	1	10	0	—	Squally a.
8	307	327	50° 1	47° 0	32° 5	60° 6	262	215	73	67	NE	2	E	1	0	0	—	Squally 3p.
9	353	331	51° 3	42° 8	36° 0	62° 9	274	196	74	71	E	2	E	1	0	0	—	Squally 3p.
10	314	221	41° 9	45° 2	32° 5	60° 8	222	230	85	76	NE	2	N	1	10	2	—	
11	30° 173	30° 036	46° 2	45° 6	30° 0	58° 5	243	243	79	80	N	1	W	1	8	0	—	
12	29° 963	29° 867	44° 9	46° 0	32° 9	62° 1	240	239	81	78	NW	1	W	2	0	6	—	
13	803	680	51° 6	48° 2	34° 5	56° 5	246	315	65	94	S	3	S	3	8	10	—	298
14	412	034	49° 9	48° 8	40° 1	53° 9	328	319	92	93	S	3	SE	3-4	10	10	—	368
15	297	343	47° 6	44° 6	43° 3	58° 6	284	276	87	94	SW	3-2	W	2	6	0	—	018
16	398	651	48° 9	41° 9	37° 0	59° 7	308	213	90	81	W	1	NE	2	10	10	—	005
17	810	701	45° 4	43° 7	29° 8	53° 3	200	253	66	88	SE	2	SE	2	2	10	—	3p.
18	442	29° 397	52° 5	45° 6	42° 6	56° 6	305	275	77	90	SW	3	SW	3	7	10	—	064
19	29° 695	30° 047	48° 5	45° 5	44° 4	57° 9	231	270	68	89	NW	3	NW	1	7	0	—	032
20	30° 026	30° 026	54° 1	51° 2	42° 5	56° 3	389	353	93	94	SW	3	SW	3	10	10	—	
21	29° 943	30° 02	57° 6	47° 8	47° 4	64° 3	327	266	69	80	W	4	W	1	5	0	—	002
22	30° 287	30° 029	52° 1	51° 3	32° 3	63° 5	293	293	76	78	SW	2	SW	2	1	10	—	131
23	29° 707	29° 558	52° 9	47° 2	46° 7	58° 8	346	298	86	93	SE	2	SW	2	10	0	—	493
24	237	451	53° 1	47° 4	46° 1	61° 1	360	275	89	84	SW	3	SW	5-4	9	7	—	074
25	531	573	50° 4	44° 9	42° 7	58° 4	284	244	79	83	W	3	W	3-2	10	10	—	705
26	531	264	47° 4	39° 2	37° 3	50° 0	257	223	79	93	SW	3	W	3	10	10	—	183
27	388	619	47° 5	45° 3	34° 5	55° 0	253	254	77	85	NW	3	N	1	8	10	—	a.
28	787	748	49° 6	44° 2	35° 8	54° 1	220	237	63	82	NW	2	SW	1	5	0	—	a.
29	237	465	51° 7	44° 0	41° 0	55° 0	265	241	70	83	W	3	SW	3	6	0	—	198
30	406	306	45° 6	42° 2	33° 3	54° 7	260	190	85	75	SE	3	W	4-6	10	8	—	264
Means	29° 791	29° 749	50° 0	42° 1	35° 1	52° 8	214	157	60	59	W	2	SE	2	3	6	—	293
			49° 4	45° 5	38° 7	58° 2	275	253	78° 4	82° 9		2° 5	2° 1	6° 7	4° 9	3° 463		Squally a. and p. p. p. Squally p. ▲ at night.

ST. LEONARDS.

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

APRIL 1882.

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°6	47°7	44°6	55°3	in.	in.	73	80	SE 2	E 2	4	1	ins.	
2	29°789	29°826	49°6	47°8	45°8	56°2	273	306	77	92	SSE 2	NE 4	7	4	—	☁ 9p.
3	29°925	29°955	47°5	53°1	44°5	62°2	309	334	94	82	ENE 3	ENE 3	10	0	—	Bright p.
4	30°045	30°062	48°8	44°6	44°6	54°7	239	252	69	86	E 4	NNE 2	0	0	0.01	Nearly cloudless.
5	0.047	1.124	48°3	43°8	42°2	51°3	253	239	75	83	N 2	N 2	2	0	—	Cloudy a. Bright p. ☁ 9p. [S. n.]
6	1.189	2.232	54°9	46°6	42°8	62°3	325	256	75	81	NE 2	NE 3	0	0	—	Cloudless day.
7	2.266	2.277	54°4	48°6	42°1	58°5	259	250	61	73	ENE 3	NE 4	0	0	—	Cloudless day.
8	3.318	2.281	53°7	45°7	42°9	60°1	236	245	57	80	ENE 4	NE 2	0	0	—	Cloudless day.
9	2.444	1.190	52°5	42°5	40°0	59°1	278	213	70	78	NNE 3	N 2	5	0	—	Cloudless p.
10	30°151	30°072	47°8	42°7	38°8	51°1	201	193	62	71	ENE 1	Calm 0	5	0	—	
11	29°928	29°891	49°6	45°0	40°9	60°0	269	268	76	90	W 2	NW 1	0	0	—	Nearly cloudless. ☁ 9p.
12	8.55	7.441	48°7	49°6	44°1	54°2	270	282	80	80	S 3	S 3	10	10	0.073	Cloudy. ☁ from 5p. [from 6p.]
13	4.78	1.63	49°6	50°9	47°9	52°1	291	323	82	87	SSE 4	S 8	10	10	0.680	Overcast. ☁ showers. [gale]
14	3.371	3.389	50°7	48°5	45°8	53°5	317	303	86	89	WSW 6	WSW 4	6	0	—	(gale) early a. ☁ a. Cloudy.
15	4.10	5.76	49°6	43°4	43°4	58°1	313	221	88	78	SW 1	NE 3	10	1	—	Cloudy day. Bright evening.
16	7.789	7.46	48°7	45°7	37°1	51°7	215	217	62	70	NE 2	SE 2	5	10	0.049	Cloudy.
17	5.29	29°372	48°2	45°7	45°7	51°0	332	299	99	97	SSE 3	W 1	10	10	0.475	Overcast.
18	29°700	30°073	50°6	47°8	44°8	55°9	263	272	71	82	WNW 5	NW 1	7	0	—	☁ 9p.
19	30°108	30°086	49°0	49°7	44°3	54°2	327	331	94	93	SSW 4	W 1	10	1	0.025	☁ early. Overcast a. Bright night.
20	0.049	3.00	53°6	49°0	48°9	60°2	307	322	75	93	WNW 4	Calm 0	4	0	—	☁ 9p.
21	30°313	30°048	46°8	54°9	43°4	58°9	318	320	99	74	SSW 1	E 2	10	2	0.025	☁ till 11a.
22	29°733	29°624	51°1	49°8	49°8	57°2	317	343	84	95	ESE 1	S 1	10	3	0.130	☁ till 11a. ☁ at night.
23	3.362	5.06	51°6	50°0	49°6	54°0	330	302	86	84	S 7	SW 4	10	10	0.068	Overcast, with ☁ p.
24	5.449	5.86	51°7	46°3	46°3	55°4	319	268	83	86	WSW 3	W 3	8	7	0.021	Cloudy. ☁ showers.
25	5.536	0.045	49°6	46°5	40°8	50°7	268	201	75	92	SW 1	WSW 4	10	10	0.588	Cloudy. ☁ showers.
26	3.366	6.03	46°7	44°6	37°7	53°3	230	256	73	87	WNW 4	NW 1	3	9	0.010	Cloudy.
27	7.774	7.51	49°2	47°5	39°1	53°0	210	225	60	69	NNW 2	SW 3	0	4	0.211	
28	2.70	4.84	49°1	46°5	44°7	52°2	288	242	82	77	SW 5	WNW 4	9	3	0.028	(gale) ☁ early a.
29	5.558	3.348	47°5	45°8	42°4	53°1	291	206	89	67	SSE 5	W 9	10	5	0.210	Overcast, with ☁. (gale) from [Noon. Bar. rising after 5p.]
30	29°544	29°792	48°7	48°8	40°6	53°0	211	270	61	78	WSW 5	S 3	5	2	0.020	
Means	29°812	29°802	49°9	47°3	43°5	55°4	278	270	77°3	82°5	3°1	2°7	6°0	3°4	2°654	

BABBACOMBE.

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

APRIL 1882.

1	29°621	29°657	47°7	48°4	38°7	49°6	280	284	85	84	SSE 3	ESE 6	10	10	0.400	☁ a. ☁ 10.17p.
2	7.52	8.17	49°0	47°0	44°4	51°6	286	279	83	87	SE 3	ESE 4	8	9	0.120	☁ 8p.
3	29°775	29°935	48°0	48°1	40°7	50°5	307	336	92	100	ESE 5	NE 1	9	10	0.310	☁ (mist) a. ☁ 9p.—0.30p.
4	30°003	30°056	47°8	45°2	45°0	48°7	290	299	88	99	NNE 2	NNE 1	10	9	0.300	☁ (mist) a. and p. ☁ 2p.
5	1.17	1.67	45°4	44°3	39°0	50°5	243	251	81	86	NE 3	NNE 3	9	6	—	☁ (mist) a. ☁ p.
6	2.48	2.44	42°9	49°9	36°3	54°7	239	207	87	83	NNE 3	N 1	9	0	—	☁ (mist) a. ☁ after 8p.
7	2.59	2.70	49°0	47°1	40°7	55°8	260	276	75	86	NE 3	NE 2	0	0	—	☁ (mist) a. ☁ after 7p.
8	3.03	2.63	47°8	48°0	41°7	56°3	245	256	74	77	ENE 3	ENE 2	0	0	—	☁ (mist) a. ☁ after 9p.
9	2.63	1.95	47°5	46°8	41°3	55°7	225	239	69	75	NE 2	N 2	0	0	—	☁ (mist) a. ☁ after 9p.
10	30°158	30°061	48°3	42°8	41°6	54°5	244	249	72	91	ENE 1	WSW 2	1	1	—	☁ (mist) a. ☁ after 9p.
11	29°956	29°853	52°2	45°8	33°9	58°6	254	247	66	81	NE 1	S 2	0	10	0.070	☁ (mist) a. ☁ after 9p.
12	7.05	5.86	48°8	48°8	45°2	52°3	333	335	96	97	SSE 3	SSE 4	10	7	0.750	Wind W. 6a. ☁ 9p.
13	2.88	1.38	52°1	47°0	47°0	57°4	378	301	97	94	S 4	WSW 5	10	7	0.240	Squally p. ☁ 7p.—10p.
14	3.10	3.17	50°9	48°0	44°3	56°4	278	312	76	94	WSW 5	SW 3	8	3	0.010	☁ Noon and 4p. ☁ p. ☁ 10p.—11p.
15	3.64	6.18	49°8	43°8	43°8	53°9	338	263	94	92	SE 2	NNE 4	10	10	0.280	☁ 1p.—2.15p. ☁ 5p.
16	8.03	0.30	44°3	44°3	40°2	46°1	212	287	73	99	E 2	SSW 2	9	9	0.370	Squally a. and p. ☁ (mist) p.
17	4.00	29°521	48°8	45°1	44°1	50°9	303	261	88	87	WSW 4	W 4	10	8	0.340	
18	29°825	30°088	52°0	46°4	42°1	57°2	272	240	71	78	WNW 4	SW 2	6	10	0.030	Squally a. ☁ 2.50p.—5p.
19	30°033	29°970	51°8	50°3	46°2	53°9	371	362	96	99	SW 4	SSW 5	10	10	0.140	
20	1.24	30°315	57°5	46°8	46°8	64°3	324	303	69	95	WNW 4	WSW 2	3	0	—	☁ 11.15p.—Midt. ☁ 2 p.
21	30°234	29°911	47°0	50°3	42°9	52°8	284	335	89	92	E 2	SSE 3	9	5	0.800	☁ a. ☁ p.
22	29°593	3.94	50°0	50°1	49°0	57°7	361	313	100	86	S 2	SE 5	10	10	0.250	☁ a.
23	3.320	5.27	53°7	46°8	46°8	50°7	316	260	76	81	W 4	WSW 4	4	2	0.060	Squally p. ☁ 9p.
24	6.53	6.56	53°9	44°9	44°1	57°4	273	268	66	90	NW 4	W 4	6	9	0.340	Squally p.
25	3.98	3.77	45°0	41°1	41°1	52°7	299	236	100	92	ESE 2	NW 2	10	2	0.400	☁ (mist) a. ☁ p.
26	4.57	6.81	47°5	42°9	35°9	55°7	246	224	75	81	NNW 2	NW 2	8	1	0.030	☁ 1p. and 3.30p. ☁ p.
27	8.21	6.30	50°3	47°4	39°7	56°2	243	284	68	87	NW 2	SSW 5	7	8	0.300	
28	2.56	5.91	46°8	42°9	42°0	56°9	266	220	84	80	W 5	W 5	10	2	0.300	Squally (gale) p.
29	2.20	5.56	47°3	40°1	39°3	53°0	322	208	99	84	SSE 6	W 5	10	1	0.220	Squally p. ☁ (vel. 61 miles), 3p.—4p. Many trees blown down.
30	29°760	29°670	49°0	43°8	35°9	52°7	258	250	74	88	SW 4	SW 3	4	8	0.430	☁ showers p.
Means	29°769	29°790	49°1	46°1	42°2	54°5	285	276	82°1	88°2	3°1	3°2	7°0	5°6	6°490	

ST. AUBIN'S, JERSEY.

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

APRIL 1882.

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°8	48°3	45°1	54°3	in.	in.	81	81	SE 4	ESE 4	5	9	ins.	[63 % midnight]
2	29°672	29°699	50°0	51°2	46°0	55°4	288	301	82	90	SE 3	ENE 3	5	8	0.090	☁ a. and p. Cloudy a. ☁ Very fine p.
3	7.797	8.32	51°4	50°5	48°9	54°8	288	339	76	92	SE 3	Calm 0	9	10	0.015	☁ a. ☁ Very fine p.
4	29°986	30°006	53°5	48°0	47°4	55°6	349	263	83	79	N 3	NE 3	6	1	—	☁ a. ☁ Very fine p.
5	30°074	30°074	50°5	45°3	44°0	52°1	268	261	73	87	NE 3	NNE 1	8	0	—	☁ a. ☁ Very fine p.
6	2.211	2.220	49°1	49°1	43°8	51°8	279	297	79	85	NNE 3	NNE 3	4	0	—	☁ a. ☁ Very fine p.
7	2.202	2.223	54°3	49°2	44°9	59°7	310	270	74	77	NE 2	NE 2	0	0	—	☁ a. ☁ Very fine p.
8	2.239	2.222	56°3	48°2	46°0	60°5	291	265	64	79	NE 3	NE 3	0	0	—	☁ a. ☁ Very fine p.
9	2.209	2.205	52°5	47°3	45°1	56°5	282	271	71	84	ENE 3	ENE 2	1	0	—	☁ a. ☁ Very fine p.
10	1.171	30°122	50°0	44°5	40°8	53°8	239	203	67	69	NE 2	Calm 0	1	0	—	☁ a. ☁ Very fine p.
11	30°031	29°913	53°0	50°5	40°1	55°0	265	293	66	80	S 1	SE 2	0	4	0.083	☁ a. ☁ Very fine p.
12	29°822	29°724	47°8	49°2	46°6	50°8	323	351	97	100	SE 3	S 3	10	0	0.405	☁ a. ☁ Very fine p.
13	4.200	3.36	51°7	50°8	49°0	56°9	320	301	86	81	S 3	W 7	10	8	1.025	☁ a. ☁ Very fine p.
14	4.61	4.49	52°0	50°3	44°7	58°1	294	306	76	84	W 4	S 2	1	0	0.002	☁ a. ☁ Very fine p.
15	3.67	3.73	52°5	46°2	45°5	59°3	312	297	79	96	SE 2	ENE 2	7	2	—	☁ a. ☁ Very fine p.
16	3.805	3.745	47°8	49°2	44°0	52°7	244	310	73	92	E 3	S 1	8	10	0.069	☁ a. ☁ Very fine p.
17	3.601	29°612	49°7	47°4	45°0	54°2	334	293	94	90	SW 3	WNW 3	10	4	1.090	☁ a. ☁ Very fine p.
18	29°918	30°169	54°8	48°3	46°1	56°4	289	306	68	91	NW 3	NW 1	1	0	—	☁ a. ☁ Very fine p.
19	30°176	30°134	53°4	52°0	47°1	59°2	350	315	85	81	SW 2	SW 3	10	0	0.009	☁ a. ☁ Very fine p.
20	2.222	30°368	50°8	50°2	49°1	60°8	358	337	76	93	WNW 3	Calm 0	1	0	0.004	☁ a. ☁ Very fine p.
21	30°275	29°990	56°4	56°2	45°0	61°8	325	340	72	75	SE 2	S by E 1	4	5	1.115	☁ a. ☁ Very fine p.
22	29°677	3.56	55°0	54°0	52°0	62°0	375	288	87	69	SW 2	S 5	9	9	1.105	☁ a. ☁ Very fine p.
23	3.496	3.660	50°5	49°0	46°7	54°7	331	305	90	88	SW 4	W 2	10	7	1.124	☁ a. ☁ Very fine p.
24	7.736	7.792	54°9	48°0	46°4	57°6	331	279	76	81	WNW 3	W by N 3	7	10	1.139	☁ a. ☁ Very fine p.
25	3.555	4.00	50°2	46°5	45°0	52°2	354	261	98	83	SW 3	WNW 3	10	10	1.427	☁ a. ☁ Very fine p.
26	3.510	4.62	48°5	46°0	40°9	55°7	266	295	78	86	NW 1	NW 1	8	1	—	☁ a. ☁ Very fine p.
27	3.855	3.807	49°8	47°4	42°0	57°0	266	269	74	83	NNE 1	SW 1	8	8	1.150	☁ a. ☁ Very fine p.
28	4.439	7.11	50°4	47°8	45°1	55°8	263	249	73	75	W 5	W by N 3	8	5	1.163	☁ a. ☁ Very fine p.
29	3.501	7.14	49°2	45°3	44°1	56°1	332	339	96	79	S by W 5	WNW 5	10	3	1.103	☁ a. ☁ Very fine p.
30	29°905	29°797	51°5	50°3	41°7	57°8	255	256	68	70	SW 3	SW 3	7	9	0.046	☁ a. ☁ Very fine p.
Means	29°838	29°857	51°8	48°9	45°3	56°3	303	288	78°8	83°3	2°8	2°4	5°9	4°1	2°706	

MARKREE CASTLE, SLIGO.

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

APRIL 1882.

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.	42.7	46.2	33.9	53.5	in.	in.	87	86	NE 2	E 4	10	5	ins.	
2	29.690	29.808	42.7	45.6	40.8	51.4	2.39	2.67	87	90	NE 4	E 4	6	10	0.12	
3	29.825	29.843	45.6	48.1	43.3	49.2	2.54	2.68	83	92	E 4	ESE 3	10	10	0.10	
4	30.006	30.154	49.1	45.2	43.4	55.4	2.82	2.80	81	93	SE 2	Calm	10	10	0.16	
5	29.64	30.7	44.4	43.4	41.1	52.4	2.58	2.47	88	87	ESE 1	Calm	10	10	0.12	
6	29.346	30.72	43.4	46.2	40.0	55.4	2.57	2.70	91	87	Calm	Calm	10	10	0.06	
7	29.436	30.448	50.1	45.5	41.7	58.9	2.90	2.34	80	78	Calm	Calm	1	0	—	
8	29.440	30.61	51.1	43.3	36.3	60.2	1.94	1.99	52	71	Calm	SE 2	0	0	—	
9	29.306	29.234	49.7	41.7	31.3	59.9	2.78	2.19	78	84	SE 2	Calm	0	0	—	
10	30.145	30.011	51.3	44.1	27.6	58.4	2.63	2.54	70	87	Calm	Calm	0	0	—	
11	29.871	29.717	47.1	46.3	29.2	56.4	2.83	2.68	88	86	Calm	Calm	3	10	0.07	
12	29.568	29.352	48.1	49.2	39.1	49.9	2.66	2.74	79	93	SE 3	SE 3	10	7	—	
13	29.033	29.089	51.9	49.1	46.5	60.4	3.39	3.07	88	88	SE 2	E 3	10	10	0.192	
14	29.097	29.312	46.4	41.9	41.3	49.6	2.84	2.32	91	88	NE 2	NE 3	10	10	—	
15	29.648	29.798	41.7	32.7	31.7	51.2	2.11	1.61	81	87	NE 2	Calm	10	0	—	
16	29.646	29.388	42.3	44.7	25.4	50.4	1.92	2.64	72	89	SSE 2	Calm	10	10	0.42	
17	29.206	29.460	47.2	41.9	41.3	53.6	2.77	1.92	86	75	SW 2	NNW 2	10	7	0.75	
18	29.863	29.743	47.2	44.6	36.6	53.0	1.87	2.78	58	94	Calm	SSE 3	3	10	0.183	
19	29.578	29.658	54.1	50.1	44.1	59.0	3.67	3.13	88	86	SW 4	Calm	10	10	0.050	
20	29.093	29.013	55.1	51.1	43.3	60.4	2.83	2.84	66	76	WSW 3	SW 4	2	10	—	
21	29.971	29.859	51.1	50.6	44.4	62.1	3.03	3.13	80	85	SW 4	Calm	10	7	0.028	
22	29.425	29.311	51.9	47.1	44.6	53.4	3.29	3.02	85	93	ESE 3	Calm	10	10	0.474	
23	29.209	29.423	46.9	47.4	43.3	52.4	3.04	2.98	95	91	Calm	NNW 4	10	10	0.336	
24	29.554	29.579	47.1	41.9	40.1	51.4	2.59	2.34	80	89	N 4	Calm	4	4	0.090	
25	29.454	29.470	44.4	41.9	34.3	49.0	2.04	2.13	70	81	Calm	Calm	8	3	0.020	
26	29.599	29.767	44.9	43.1	36.5	51.4	2.03	1.90	69	68	NW 4	Calm	10	10	—	
27	29.631	29.220	45.1	46.1	32.3	53.0	2.26	2.77	76	89	WSW 4	SW 2	10	10	0.180	
28	29.190	29.456	50.1	42.1	40.3	51.2	2.68	1.81	74	68	NW 3	N 2	7	2	0.149	
29	29.204	29.460	44.1	36.6	29.2	50.4	2.08	1.76	72	81	Calm	WNW 1	10	6	0.011	
30	29.481	29.322	38.1	43.1	30.1	50.4	2.13	2.05	93	74	Calm	SE 3	10	8	0.080	
Means	29.722	29.723	47.3	44.7	37.8	54.1	2.59	2.52	79.2	84.5	1.9	1.4	7.5	7.0	2.040	

DUBLIN.

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

APRIL 1882.

1	29.693	29.289	46.2	48.7	38.9	51.0	2.67	2.77	86	81	ESE 2	Eby S 5	6	4	0.010	Bright a. Overcast p. Squally.
2	29.831	29.864	46.4	47.1	44.3	50.0	2.64	2.86	84	89	E 6	E 5	10	6	0.142	Squally (gale) a. and p. 9 a. - 1 p.
3	29.880	29.914	46.8	48.0	44.6	50.7	2.75	3.09	86	93	E 4	SE 1	9	6	0.079	∞ a. Dull day.
4	30.066	30.145	48.2	47.0	46.3	50.3	3.17	3.06	95	95	SE 1	E 1	10	10	0.428	Gloomy a. Much p.
5	29.245	29.264	46.0	45.3	42.9	48.1	2.40	2.50	78	83	ENE 3	NE 2	6	10	0.010	
6	29.326	29.348	44.5	45.3	42.3	50.8	2.59	2.72	88	90	N by E 1	ENE 2	10	1	—	Dull a. Bright p. (mist) op.
7	29.427	29.410	47.9	48.3	40.9	52.5	2.43	2.47	73	73	E by N 4	ENE 3	1	0	—	(mist) a. Fine bright day.
8	29.444	29.368	47.1	45.1	42.0	52.3	2.38	2.46	74	82	E 3	Calm	0	0	—	Cloudless day. op.
9	29.332	29.252	47.4	45.0	36.1	51.3	2.56	2.57	79	86	E 2	E 1	1	0	—	Very bright and dry.
10	30.160	30.013	40.9	45.3	33.9	56.7	2.11	2.35	84	77	W 1	W 1	0	0	—	(mist) till 8 a. Day beautifully fine.
11	29.891	29.782	47.0	44.1	40.1	52.4	2.64	2.37	83	82	Calm	SE 2	2	3	0.032	∞ a.
12	29.639	29.438	47.7	47.2	43.2	49.3	2.72	3.07	82	95	ESE 3	SE 1	10	4	0.540	ica. - 3 p.
13	29.128	29.018	55.0	50.6	46.2	58.3	3.27	3.16	76	86	S by W 2	ESE 1	5	5	0.010	Squally 2 a.
14	29.085	29.246	51.8	45.3	44.9	52.8	3.00	2.89	77	96	Why S 3	NE 2	9	10	0.803	Very cloudy a. 2 p.
15	29.555	29.776	40.2	40.4	38.9	46.5	2.24	1.87	90	75	NE 4	NNE 2	10	0	0.010	∞ a. Bright and dry p.
16	29.726	29.497	45.1	46.3	31.2	50.4	1.91	2.60	64	83	S by W 2	SSE 2	8	10	—	∞ a. 9 a.
17	29.341	29.406	49.0	46.9	45.8	54.5	2.55	2.81	73	88	SW 3	WNW 4	10	6	0.010	Squally showers p.
18	29.844	29.898	45.1	48.5	37.4	53.6	1.94	2.59	65	76	NW 3	SSE 3	4	10	0.091	∞ p. Much cir. p.
19	29.693	29.698	58.1	51.5	46.1	61.0	3.46	3.37	71	93	WSW 6	W 2	6	10	0.323	(SW. gale) early a. Brilliant a. [Dull p. 2 a. from 4 p.]
20	29.966	29.113	53.1	52.4	47.4	61.7	2.89	2.89	71	74	W 4	SW 2	5	0	—	Bright and mild.
21	29.075	29.894	53.5	49.2	48.0	59.0	2.60	3.19	63	92	SW 4	SE 2	8	10	0.079	Very fine a. Overcast p. 2 a. from 7 p.
22	29.498	29.368	50.5	50.0	49.0	57.2	3.50	2.93	95	82	SE 2	S 1	10	9	0.200	
23	29.248	29.378	49.4	47.3	42.7	54.5	2.95	2.87	85	89	W by N 3	WNW 3	5	6	0.084	
24	29.538	29.580	49.0	43.1	42.9	53.5	2.53	2.20	72	79	WNW 5	WNW 3	4	0	0.023	Squally 2 p.
25	29.443	29.408	44.3	43.6	37.0	50.1	2.23	2.22	76	78	NNE 2	NNW 4	8	2	—	Much cirrus a.
26	29.532	29.750	45.9	42.9	37.9	49.2	2.08	2.00	68	73	N 3	NW 3	5	7	—	2 p.
27	29.744	29.340	47.3	49.0	40.4	54.5	1.90	2.72	59	78	WSW 2	SSW 2	4	10	0.140	2 a. Bar. 29.056 7.15 a. Squally [a. and p.]
28	29.122	29.450	46.0	42.6	38.9	53.8	2.67	2.23	87	82	NW 5	WNW 4	10	2	—	9.30 a. then * (sleet). * 3 p.
29	29.266	29.453	44.0	38.2	36.6	44.3	1.91	2.02	66	88	E 3	WNW 4	10	9	0.362	Mountains deeply covered with snow a.
30	29.569	29.471	45.1	43.2	34.9	50.6	1.90	2.09	66	76	SW 3	SW 2	4	6	0.150	
Means	29.744	29.744	47.6	46.2	41.4	52.7	2.56	2.64	77.2	83.8	3.0	2.3	6.3	5.2	3.526	

APRIL 1882.

BIRR CASTLE, PARSONSTOWN.

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

APRIL 1882.

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.	29° 744	48° 0	45° 4	37° 1	53° 0	in.	in.	224	271	67	90	SE 1	E 2	4	10	ins.
2	° 788	° 789	45° 0	48° 2	42° 0	51° 2	264	260	89	87	ENE 1	E 1	10	8	° 078	☁ (mist) op.		
3	29° 792	29° 868	47° 4	46° 5	43° 0	50° 2	267	270	83	86	ESE 1° 5	ESE 1	10	9	° 140	Squally all day, with ● showers.		
4	30° 018	30° 147	49° 3	46° 3	44° 2	57° 0	294	276	84	89	SE 1	E 1	8	6	° 020	☁ before 9a.		
5	° 215	° 289	44° 8	44° 5	43° 8	56° 8	269	244	91	83	ENE 1	ENE 0° 5	10	10	—	☁ a.		
6	° 344	° 370	42° 2	43° 0	41° 3	53° 0	233	255	88	92	N 1	NE 0° 5	10	10	—	☁ a. and p.		
7	° 395	° 389	47° 3	45° 1	43° 0	56° 2	259	238	80	79	NE 1	ENE 0° 5	3	4	—	☁ before 9a.		
8	° 395	° 355	48° 1	44° 5	36° 3	61° 0	238	242	71	83	ENE 1° 5	ENE 1	5	0	—			
9	° 303	° 245	49° 0	44° 7	31° 8	61° 5	266	259	76	88	NE 0° 5	Calm	0	0	—			
10	30° 177	30° 087	44° 5	45° 7	31° 4	59° 0	244	268	83	88	Calm	Calm	0	0	—			
11	29° 892	29° 741	45° 5	42° 0	34° 5	53° 5	277	254	91	95	Calm	Calm	0	0	—			
12	° 547	29° 373	49° 7	48° 4	34° 0	55° 6	302	291	86	86	ESE 2	SE 1	10	10	° 148	☁ a.		
13	° 063	28° 971	53° 5	48° 8	47° 0	57° 8	316	313	77	91	SE 1	SE 1	7	10	° 104			
14	° 084	29° 246	49° 1	42° 0	41° 6	53° 0	307	247	88	93	S 0° 5	ESE 2	10	10	° 330			
15	° 591	° 803	39° 5	36° 6	36° 3	48° 6	198	188	82	87	N 2	ENE 0° 5	8	3	—			
16	° 696	° 454	41° 5	45° 5	28° 7	50° 6	200	259	77	86	SSE 1	S 2	8	10	—			
17	° 365	° 469	47° 3	46° 0	43° 8	52° 6	248	250	76	81	SW 2	W 2	8	6	° 012			
18	° 889	° 806	48° 4	45° 8	45° 5	53° 0	231	293	68	94	W 1	S 3	4	10	° 215	Squally with ●.		
19	° 683	29° 713	57° 1	49° 0	45° 0	60° 0	379	339	81	95	S 2	SSW 0° 5	8	10	° 618			
20	29° 986	30° 103	53° 0	48° 8	48° 6	60° 0	297	285	74	82	WSW 3	W 0° 5	6	4	—			
21	30° 044	29° 834	53° 5	49° 3	44° 0	60° 8	302	306	73	88	S 2	Calm	0	5	8			
22	29° 430	° 330	52° 4	48° 2	47° 5	58° 2	356	307	90	92	E 2	ESE 0° 5	10	8	° 197			
23	° 301	° 461	47° 3	47° 3	42° 0	54° 0	294	302	92	93	W 2	W 2	10	10	° 124			
24	° 616	° 629	50° 3	41° 8	41° 6	52° 4	252	231	69	88	W 2	Calm	0	7	3	° 087		
25	° 433	° 475	44° 3	43° 2	41° 8	49° 8	223	238	76	85	NE 1	ENE 1	8	8	—			
26	° 589	° 780	46° 5	42° 5	42° 0	51° 1	211	190	67	71	WNW 2	NE 0° 5	4	6	—			
27	° 705	° 289	48° 6	46° 5	35° 5	54° 8	238	283	69	90	S 0° 5	SW 0° 5	7	10	° 740	☁ (mist) a.		
28	° 218	° 502	50° 2	40° 5	39° 0	51° 3	265	215	74	86	WNW 2	W 0° 5	6	8	° 118	Squally all day.		
29	° 259	° 536	40° 0	35° 0	34° 2	48° 8	217	184	88	90	NNE 3	W 0° 5	10	0	° 118			
30	29° 526	29° 387	45° 5	42° 5	31° 2	52° 0	229	226	75	83	SSW 1	SSW 4	5	10	° 079	Squally, with ● 2 * 2 (sleet) ▲ 2 [showers.		
Means	29° 733	29° 738	47° 6	44° 8	39° 9	54° 6	263	260	79° 5	87° 4	1° 4	1° 0	7° 0	7° 0	5° 128			

DUNROBIN CASTLE.

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

MAY 1882.

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°	45°	32°	50°	ins.	ins.	87	94	SE	SE	—	—	ins.	Fine all day.
2	29°540	29°486	45°	45°	32°	50°	29°540	29°486	87	94	SE	SE	—	—	—	Fine all day.
3	29°529	29°473	45°	45°	32°	50°	29°529	29°473	87	94	SE	SE	—	—	—	[showers.
4	29°546	29°490	45°	45°	32°	50°	29°546	29°490	87	94	SE	SE	—	—	—	Fine a. Cold and dull p. with
5	29°561	29°505	45°	45°	32°	50°	29°561	29°505	87	94	SE	SE	—	—	—	Cloudy and mild a. Clear p.
6	29°580	29°524	45°	45°	32°	50°	29°580	29°524	87	94	SE	SE	—	—	—	Fine all day.
7	29°595	29°539	45°	45°	32°	50°	29°595	29°539	87	94	SE	SE	—	—	—	Dull all day.
8	29°610	29°554	45°	45°	32°	50°	29°610	29°554	87	94	SE	SE	—	—	—	showers.
9	29°625	29°569	45°	45°	32°	50°	29°625	29°569	87	94	SE	SE	—	—	—	showers a. Milder p.
10	29°640	29°584	45°	45°	32°	50°	29°640	29°584	87	94	SE	SE	—	—	—	showers a. Cold p.
11	29°655	29°599	45°	45°	32°	50°	29°655	29°599	87	94	SE	SE	—	—	—	Mild and fine, with cool breeze.
12	29°670	29°614	45°	45°	32°	50°	29°670	29°614	87	94	SE	SE	—	—	—	showers a. Fine with cool breeze p.
13	29°685	29°629	45°	45°	32°	50°	29°685	29°629	87	94	SE	SE	—	—	—	Mild and fine.
14	29°700	29°644	45°	45°	32°	50°	29°700	29°644	87	94	SE	SE	—	—	—	Fine, with cold wind.
15	29°715	29°659	45°	45°	32°	50°	29°715	29°659	87	94	SE	SE	—	—	—	Fine, with cold wind.
16	29°730	29°674	45°	45°	32°	50°	29°730	29°674	87	94	SE	SE	—	—	—	Fine.
17	29°745	29°689	45°	45°	32°	50°	29°745	29°689	87	94	SE	SE	—	—	—	Fine.
18	29°760	29°704	45°	45°	32°	50°	29°760	29°704	87	94	SE	SE	—	—	—	Fine.
19	29°775	29°719	45°	45°	32°	50°	29°775	29°719	87	94	SE	SE	—	—	—	Fine.
20	29°790	29°734	45°	45°	32°	50°	29°790	29°734	87	94	SE	SE	—	—	—	Fine.
21	29°805	29°749	45°	45°	32°	50°	29°805	29°749	87	94	SE	SE	—	—	—	Dull a. Fine p.
22	29°820	29°764	45°	45°	32°	50°	29°820	29°764	87	94	SE	SE	—	—	—	Fine, with dry wind.
23	29°835	29°779	45°	45°	32°	50°	29°835	29°779	87	94	SE	SE	—	—	—	Fine, with dry wind.
24	29°850	29°794	45°	45°	32°	50°	29°850	29°794	87	94	SE	SE	—	—	—	Fine a. Dull with showers p.
25	29°865	29°809	45°	45°	32°	50°	29°865	29°809	87	94	SE	SE	—	—	—	Fine all day.
26	29°880	29°824	45°	45°	32°	50°	29°880	29°824	87	94	SE	SE	—	—	—	a. Mild p.
27	29°895	29°839	45°	45°	32°	50°	29°895	29°839	87	94	SE	SE	—	—	—	Fine, with fresh wind.
28	29°910	29°854	45°	45°	32°	50°	29°910	29°854	87	94	SE	SE	—	—	—	Fine and mild.
29	29°925	29°869	45°	45°	32°	50°	29°925	29°869	87	94	SE	SE	—	—	—	Fine.
30	29°940	29°884	45°	45°	32°	50°	29°940	29°884	87	94	SE	SE	—	—	—	Fine.
31	29°955	29°899	45°	45°	32°	50°	29°955	29°899	87	94	SE	SE	—	—	—	Fine.
Means	29°998	29°942	45°	45°	32°	50°	29°998	29°942	87	94	SE	SE	—	—	—	1°570

BRAEMAR.

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

MAY 1882.

1	29°487	29°468	42°6	39°9	35°4	46°5	201	219	74	90	SE	1	SW	2	6	10	470	Fair a. and * (sleet) p.
2	29°545	29°526	42°6	39°6	36°0	49°0	217	214	80	79	SW	6	SW	2	10	6	040	showers.
3	29°586	29°567	42°5	39°4	34°4	51°2	220	243	68	82	SW	2	SE	2	7	8	070	showers.
4	29°646	29°627	42°3	39°2	42°3	53°5	257	108	79	72	W	1	NE	2	5	7	—	Fair and clear.
5	29°783	29°764	42°3	39°4	34°5	54°5	201	240	60	91	E	1	SW	2	9	10	310	—
6	29°752	29°809	44°6	36°5	33°4	51°5	273	204	93	95	SE	1	NE	1	8	10	350	* and *
7	30°014	30°108	38°0	36°5	36°4	55°5	220	202	94	94	E	0°5	NE	1	10	10	300	* all day. Cold.
8	29°58	29°81	39°8	39°6	35°4	53°7	172	190	70	78	NE	1	SE	1	7	7	030	—
9	29°150	29°094	38°7	44°6	34°6	61°5	208	213	88	72	SW	4	NW	2	10	7	050	showers.
10	29°228	29°193	46°5	44°6	35°2	53°8	211	243	67	82	SW	2	SW	2	7	4	040	showers.
11	29°070	29°830	48°8	42°9	42°9	50°7	228	239	66	83	SW	4	NW	4	7	7	200	showers.
12	29°076	29°289	46°8	41°9	38°5	51°5	220	222	60	85	W	4	SW	1	7	4	010	showers.
13	29°371	29°410	46°6	45°0	40°6	55°9	232	237	66	78	NW	2	NE	2	6	7	—	° showers.
14	29°475	29°432	46°3	40°2	40°0	54°7	232	180	74	72	E	0°5	NE	1	6	1	—	—
15	29°410	29°456	42°3	39°6	29°6	50°9	189	186	71	76	NE	1	NE	1	7	0	—	—
16	29°436	29°460	46°8	47°3	28°4	64°5	214	261	67	81	E	0°5	E	0°5	0	0	—	—
17	29°395	29°400	57°6	53°2	33°2	70°5	272	282	58	70	E	0°5	E	0°5	0	0	—	—
18	29°346	29°321	60°0	54°8	35°2	67°2	238	300	45	70	E	0°5	S	1	0	3	—	—
19	29°207	29°214	62°3	50°8	35°7	67°5	220	248	39	67	SW	2	S	1	1	3	—	—
20	29°156	29°140	56°2	49°6	33°4	62°2	262	225	57	64	NE	2	E	0°5	0	0	—	—
21	30°045	30°110	51°5	45°7	33°7	55°9	247	262	65	86	E	1	SE	1	4	7	—	—
22	29°978	29°815	55°0	47°5	32°4	60°5	258	259	60	80	SW	2	SW	1	4	0	—	—
23	29°631	29°436	57°6	50°5	34°4	63°5	260	264	57	72	S	0°5	SW	1	2	7	—	Cloudy.
24	29°187	29°136	48°5	48°2	43°3	57°5	292	290	87	87	E	0°5	SW	1	10	8	090	a. Dull p.
25	29°390	29°475	46°8	51°2	43°3	59°9	266	313	84	83	SE	0°5	E	0°5	9	8	100	Cloudy.
26	29°454	29°621	51°8	51°7	47°0	59°5	301	352	78	92	W	1	SW	2	8	6	060	° showers.
27	29°617	29°743	50°5	48°6	45°5	58°5	355	383	97	93	SW	6	W	4	9	6	340	° f. sp.
28	29°870	29°984	48°8	49°9	47°1	59°2	338	345	98	60	SW	6	SW	0°5	9	7	150	a. Fair p.
29	30°009	30°226	54°2	49°5	41°1	59°7	290	261	69	74	SW	4	W	1	5	3	—	Clear and fine.
30	30°269	30°288	54°6	53°5	42°3	62°3	250	263	59	65	NW	1	W	1	6	7	—	Clear and fine.
31	30°281	30°288	56°2	51°5	42°5	62°0	264	305	57	80	NW	1	E	0°5	7	4	—	Cloudy.
Means	29°983	30°009	49°2	46°1	37°8	57°6	245	251	70°8	80°3	1°9		1°4	6°0	5°4	2°510		

LAUDALE.

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

MAY 1882.

MAY 1882.

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°	47°	38°	48°	ins.	ins.	87	82	ESE	S	3	10	ins.	∞ a. * 2° showers. [Cold.			
2	29°398	29°376	45°	46°	42°	52°	231	267	91	87	S	4	SW	4	10	10	∞ (mist) 2° showers a. and p.		
3	29°400	29°378	47°	51°	39°	55°	269	318	84	85	ESE	2	SSW	2	10	10	Very dull. ∞. 2° showers. At 6p. T.		
4	29°402	29°380	46°	44°	42°	51°	259	251	83	85	WNW	2	NNW	1	10	1	[then from S. till 6.30p. and bar. began to rise.		
5	29°404	29°382	47°	45°	35°	55°	260	249	81	84	Calm	0	Calm	0	10	1	Mare's tails NNE.—SSW. 6p.		
6	29°406	29°384	45°	44°	40°	52°	253	250	85	86	E	1	Calm	0	10	2	Mare's tails S. to N. and E. to W.		
7	29°408	29°386	43°	45°	40°	51°	259	249	91	83	ESE	4	ESE	2	10	0	* a. Wind variable. [⊕ 2°		
8	30°170	219	45°	47°	41°	52°	248	243	81	76	E	3	E	2	7	3	* (sleet) till 9a. Much snow on hills a.		
9	29°406	2172	46°	46°	42°	51°	286	272	92	87	SSE	7	NNW	2	10	1	Fine a. ∞ op.		
10	29°408	30°231	50°	49°	41°	54°	256	287	69	81	W	2	WSW	3	9	10	2a.—1p.		
11	29°410	29°409	48°	44°	43°	53°	285	261	86	90	WSW	2	W	4	10	10	Dull and gloomy p.		
12	29°412	30°317	49°	47°	42°	52°	287	273	83	85	WNW	4	W	2	3	8	Sudden storm 4p.—4.30p. when wind shifted.		
13	29°414	379	50°	47°	41°	57°	309	274	86	85	Calm	0	Calm	0	8	0	△ * (sleet) showers a.		
14	29°416	377	55°	52°	42°	62°	302	279	70	70	ENE	1	ESE	2	1	2	—		
15	29°418	408	51°	50°	40°	57°	305	260	63	71	NE	1	NE	1	0	0	—		
16	29°420	471	52°	49°	39°	56°	302	292	77	83	Calm	0	SE	1	0	0	—		
17	29°422	473	54°	50°	38°	60°	318	308	74	85	Calm	0	WNW	1	0	0	—		
18	29°424	407	57°	55°	41°	67°	342	344	72	80	Calm	0	Calm	0	0	0	—		
19	29°426	182	64°	62°	49°	71°	332	297	56	53	E	3	E	3	0	8	—		
20	30°103	066	60°	57°	49°	65°	292	327	55	70	E	5	ENE	5	1	0	—		
21	29°965	30°003	60°	54°	48°	64°	341	321	65	77	ENE	3	ESE	3	2	10	—		
22	29°967	29°788	57°	53°	50°	67°	335	304	71	75	E	3	Calm	0	0	0	—		
23	29°969	636	57°	57°	46°	65°	345	359	72	76	Calm	0	Calm	0	0	4	—		
24	29°971	137	58°	47°	46°	60°	364	245	75	74	S	3	SSW	2	8	10	—		
25	29°973	324	51°	48°	42°	60°	276	263	74	79	SE	2	SE	2	8	7	440	Dull day. 2° showers, like thunder.	
26	29°975	501	53°	53°	43°	61°	322	335	77	79	SW	3	SSW	2	5	4	460	2° showers.	
27	29°977	571	54°	53°	47°	57°	334	345	80	85	S	4	S	3	7	7	430	2° showers.	
28	29°979	838	56°	52°	50°	50°	334	327	73	82	SSW	4	SW	2	5	7	320	1.30p.—3p. 2° showers till 9p.	
29	30°162	30°271	52°	50°	50°	60°	340	323	87	86	WSW	3	Calm	0	9	8	070	∞ (mist) from W. 9a.	
30	30°302	373	55°	48°	47°	59°	325	309	75	93	W	1	NNW	1	8	2	—	Bright yellow ∞ round sun at setting.	
31	30°373	30°363	56°	51°	42°	60°	340	313	75	81	WNW	3	NNW	1	2	1	—	Yellow ∞ and mare's tails at sunset.	
Means	29°981	29°997	52°	50°	43°	58°	299	290	76°	80°	2°	4	1°	7	5°	4°	5°	350	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

ROTHESAY.

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

MAY 1882.

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.	44°	45°	36°	52°	in.	in.	85	90	SE	—	ins.	Dull, with ☉.
2	29°397	29°444	44°	45°	36°	52°	247	273	85	90	SSE	—	290	Cloudy and blowy.
3	29°400	29°444	44°	45°	36°	52°	247	273	85	90	S	—	290	Cloudy and damp. ☉.
4	29°400	29°444	44°	45°	36°	52°	247	273	85	90	ENE	—	290	Cloudy and damp. ☉.
5	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
6	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
7	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
8	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
9	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
10	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
11	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
12	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
13	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
14	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
15	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
16	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
17	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
18	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
19	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
20	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
21	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
22	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
23	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
24	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
25	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
26	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
27	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
28	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
29	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
30	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
31	29°400	29°444	44°	45°	36°	52°	247	273	85	90	NW	—	290	Cloudy and damp. ☉.
Means	30°019	30°020	52°	49°	41°	50°	314	305	81°	87°	—	—	2°757	

PINMORE.

Height above Mean Sea Level, 187 feet. Long. 4° 59' W. Lat. 55° 14' N.

MAY 1882.

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°442	29°483	43°	44°	37°	52°	249	259	90	90	NW	—	170	
2	29°442	29°483	43°	44°	37°	52°	249	259	90	90	NE	—	170	
3	29°442	29°483	43°	44°	37°	52°	249	259	90	90	S	—	170	
4	29°442	29°483	43°	44°	37°	52°	249	259	90	90	SW	—	170	
5	29°442	29°483	43°	44°	37°	52°	249	259	90	90	SW	—	170	
6	29°442	29°483	43°	44°	37°	52°	249	259	90	90	W	—	170	
7	29°442	29°483	43°	44°	37°	52°	249	259	90	90	W	—	170	
8	29°442	29°483	43°	44°	37°	52°	249	259	90	90	S	—	170	
9	29°442	29°483	43°	44°	37°	52°	249	259	90	90	SE	—	170	
10	29°442	29°483	43°	44°	37°	52°	249	259	90	90	N	—	170	
11	29°442	29°483	43°	44°	37°	52°	249	259	90	90	NW	—	170	
12	29°442	29°483	43°	44°	37°	52°	249	259	90	90	NW	—	170	
13	29°442	29°483	43°	44°	37°	52°	249	259	90	90	NW	—	170	
14	29°442	29°483	43°	44°	37°	52°	249	259	90	90	NW	—	170	
15	29°442	29°483	43°	44°	37°	52°	249	259	90	90	E	—	170	
16	29°442	29°483	43°	44°	37°	52°	249	259	90	90	E	—	170	
17	29°442	29°483	43°	44°	37°	52°	249	259	90	90	NW	—	170	
18	29°442	29°483	43°	44°	37°	52°	249	259	90	90	W	—	170	
19	29°442	29°483	43°	44°	37°	52°	249	259	90	90	SW	—	170	
20	29°442	29°483	43°	44°	37°	52°	249	259	90	90	S	—	170	
21	29°442	29°483	43°	44°	37°	52°	249	259	90	90	S	—	170	
22	29°442	29°483	43°	44°	37°	52°	249	259	90	90	SE	—	170	
23	29°442	29°483	43°	44°	37°	52°	249	259	90	90	S	—	170	
24	29°442	29°483	43°	44°	37°	52°	249	259	90	90	S	—	170	
25	29°442	29°483	43°	44°	37°	52°	249	259	90	90	S	—	170	
26	29°442	29°483	43°	44°	37°	52°	249	259	90	90	S	—	170	
27	29°442	29°483	43°	44°	37°	52°	249	259	90	90	SW	—	170	
28	29°442	29°483	43°	44°	37°	52°	249	259	90	90	SW	—	170	
29	29°442	29°483	43°	44°	37°	52°	249	259	90	90	W	—	170	
30	29°442	29°483	43°	44°	37°	52°	249	259	90	90	W	—	170	
31	29°442	29°483	43°	44°	37°	52°	249	259	90	90	W	—	170	
Means	30°006	30°012	54°	47°	40°	51°	318	285	74°	86°	—	—	2°210	

MAY 1882.

SCALEBY (NEAR CARLISLE).

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

MAY 1882.

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.	46°	45°	36°	52°	in.	in.	85	90	SE	4	ins.	Dull, with ☉.
2	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
3	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
4	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
5	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
6	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
7	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
8	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
9	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
10	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
11	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
12	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
13	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
14	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
15	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
16	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
17	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
18	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
19	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
20	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
21	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.
22	29°460	29°561	46°	45°	36°	52°	215	239	85	90	SE	4	290	Cloudy and damp. ☉.</

DOUGLAS, ISLE OF MAN.

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

MAY MARCH 1882.

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°	47°	40°	51°	27.5	30.9	92	94	S 5-6	S 7	9	8	ins.	Squally p.
2	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	SSW 5	Calm 0	4	8	0.05	
3	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	E 4	Calm 0	9	9	0.020	
4	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	NNW 4	NNW 3	8	1	—	
5	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	W 3	W 1	2	4	0.020	
6	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	WSW 2	Calm 0	4	6	—	
7	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	SSW 2	Calm 0	7	4	—	
8	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	NNE 2	Calm 0	3	2	0.118	
9	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	SW 3	NW 4	10	10	0.348	
10	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	WNW 2	Calm 0	4	3	—	
11	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	S 2	NW 6	2	7	0.120	
12	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	NW 4	Calm 0	3	2	—	
13	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	SE 3	E 3	3	0	—	
14	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	E 4	E 4	0	3	—	
15	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	NE 3	NE 3	3	6	—	
16	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	ESE 2	NW 1	2	0	—	
17	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	ESE 2	Calm 0	0	2	—	
18	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	SE 1	Calm 0	0	3	—	
19	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	ENE 1	E 4	0	3	—	
20	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	ENE 6	E 4	0	0	—	
21	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	NE 6	E 4	0	8	—	
22	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	E 4	Calm 0	7	7	0.073	
23	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	ESE 4	Calm 0	2	10	0.017	
24	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	ESE 4	SW 5	7	10	0.157	
25	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	ESE 4	S 3	9	10	—	
26	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	SE 4	SSE 5	8	8	0.207	
27	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	SSW 4	SSW 4	6	3	—	
28	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	S 7	SW 2	7	2	—	
29	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	Calm 0	Calm 0	8	2	—	
30	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	SE 1	Calm 0	8	4	—	
31	29°410	29°541	45°	47°	40°	51°	27.5	30.9	92	94	E 2	Calm 0	6	3	—	
Means	30°025	30°024	53°	48°	43°	58°	33.3	31.2	80.8	90.9	3°	2°	4°	4°	1°095	

WAKEFIELD.

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

MAY 1882.

1	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	SW	WSW	—	—	0.090	
2	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	W	W	—	—	—	
3	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	ENE	ENE	—	—	0.420	
4	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	W	W	—	—	—	
5	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	W	NNE	—	—	—	
6	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	WSW 1	W 1	0	3	—	
7	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	WNW 2	NE 2	8	10	—	
8	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	NNE 2	ESE 2	10	10	—	
9	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	SW 2	W 2	10	4	—	
10	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	WNW 3	W 2	6	3	—	
11	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	SSW 2	SW 2	5	8	—	
12	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	W 2	WNW 2	2	0	—	
13	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	E 3	ESE 3	3	10	—	
14	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	E 3	ENE 3	5	9	—	
15	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	ENE 3	NE 3	6	0	—	
16	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	N 2	E 2	2	0	—	
17	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	NE 2	ESE 1	0	1	—	
18	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	E 1	E 1	0	0	—	
19	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	NE 2	NE 3	2	2	—	
20	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	NE	NE	—	—	—	
21	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	ENE	E	—	—	—	
22	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	NE	ENE	—	—	0.010	
23	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	NE	S	—	—	—	
24	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	SW	SW	—	—	0.040	
25	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	ENE	WSW	—	—	—	
26	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	SSW	SW	—	—	0.060	
27	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	S 3	SSE 4	7	2	0.040	
28	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	SSW 4	SSW 3	6	2	—	
29	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	WSW 3	NW 3	6	0	—	
30	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	WNW 2	E 2	2	0	—	
31	29°601	29°708	53°	48°	40°	55°	23.4	24.0	58	69	ENE 2	E 2	1	5	—	
Means	30°050	30°057	55°	50°	42°	61°	30.4	30.2	69.5	80.3	—	—	—	—	0°790	

LLANDUDNO.

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

MAY 1882.

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.	44°	47°	38°	53°	in.	in.	%	%	W	3	SW	1	10	7	ins. 150	Squally p.
2	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	W	3	SW	1	10	7	0.060	Very fine.
3	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	SE	1	S	1	10	8	0.080	—
4	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	W	2	W	1	10	1	—	Fine.
5	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	S	1	SE	1	2	1	—	Fine.
6	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	W	2	W	1	7	2	—	Very fine.
7	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	SE	1	E	1	8	7	0.010	● showers.
8	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	E	1	E	1	10	0	—	Very fine.
9	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	W	2	W	3	10	10	0.110	● showers.
10	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	SE	1	NE	1	4	10	—	Very fine.
11	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	SW	1	W	3	3	10	0.020	Very fine, except T ● 5p., and ● 9p.
12	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	SE	2	W	1	4	0	—	Very fine.
13	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	SE	2	E	1	0	0	—	Very fine.
14	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	SE	3	E	4	0	0	—	Very fine.
15	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	E	3	NE	3	8	10	—	Very fine.
16	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	SE	1	E	1	0	0	—	Very fine.
17	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	W	1	E	1	0	0	—	Very fine.
18	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	E	3	E	1	0	0	—	Very fine.
19	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	E	3	E	4	0	2	—	Fine. Squally p. 0000 (mist) 9p.
20	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	E	5	E	5	8	5	—	0000 (mist) a. Fine day.
21	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	E	2	E	1	7	10	—	—
22	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	E	2	SE	1	4	10	150	Fine till 3.30p., then T, with ● later.
23	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	SE	2	SE	1	9	10	410	Distant T till 4.30p., then T2 ▲.
24	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	W	4	W	4	10	10	0.020	—
25	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	W	1	W	1	10	5	—	Dull a. Fine p.
26	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	WSW	1	SW	4	9	10	—	—
27	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	SW	4	SW	6	4	8	0.020	Squally p.
28	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	SW	3	W	1	6	0	—	Very fine.
29	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	WSW	3	NW	2	3	1	—	Very fine.
30	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	W	2	W	1	6	0	—	Very fine.
31	29°481	29°609	44°	47°	38°	53°	20.2	25.9	90	80	W	1	NE	1	0	0	—	Very fine, but with ∞.
Means	30°025	30°035	54°6	51°2	45°0	58°8	31.3	31.1	75.3	82.3	2°0		1°9	5°5	4°7	1°030		

HILLINGTON, NORFOLK.

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

MAY 1882.

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.	50.3	47.5	40.9	58.3	ins.	ins.	79	79	SW 4	SW 2	8	5	ins.	● early a. Double ☾ 6p. ☾ 9p.
2	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	SW 4	SW 2	8	5	ins.	Day very fine and sunny. ☾ 9p.
3	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	SE 2	SE 1	10	10	ins.	Distant T 5p. ☾ 9p.
4	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	SE 1	SE 0.5	10	10	ins.	☾ (mist) all day. ☾ 9p.
5	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	NE 0.5	NE 0.5	10	10	ins.	☾ 9p. — Midt.
6	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	NW 0.5	SW 0.5	10	10	ins.	☾ till 9a. ☾ 9p.
7	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	E 2	E 0.5	10	10	ins.	☾ 9a. ☾ 9p. ☾ 1.47 p. Poplar [tree struck and pieces carried [more than 50 yards. ☾ 2.50 p. [(2.40 ins. in 11 minutes) ☾ 9p.
8	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	NW 2	NW 1	10	10	ins.	☾ 9p.
9	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	SW 1	N 1	5	10	ins.	☾ 9p.
10	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	N 2	S 1	5	9	ins.	☾ 9p.
11	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	SW 2	SW 2	10	10	ins.	☾ 9p.
12	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	NW 3	SE 1	3	4	ins.	☾ 9p.
13	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	NNE 1	NE 1	10	1	ins.	☾ 9p.
14	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	NE 3	NE 3	7	10	ins.	☾ 9p.
15	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	NE 3	NE 2	6	2	ins.	☾ 9p.
16	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	NE 2	NE 1	5	10	ins.	☾ 9p.
17	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	NE 1	NE 0.5	10	2	ins.	☾ 9p.
18	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	N 1	NE 0.5	2	0	ins.	☾ 9p.
19	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	SE 2	NE 2	3	1	ins.	☾ 9p.
20	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	ESE 5	E 2	4	9	ins.	☾ 9p.
21	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	ESE 5	ESE 1	8	0	ins.	☾ 9p.
22	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	SE 3	SE 4	3	8	ins.	☾ 9p.
23	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	E 2	SW 2	4	10	ins.	☾ 9p.
24	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	SW 6	SSW 3	10	3	ins.	Bright p.
25	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	S 3	SSW 2	10	10	ins.	☾ 9p.
26	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	SW 4	SW 2	9	0	ins.	☾ 9p.
27	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	SW 4	S 2	8	0	ins.	☾ 9p.
28	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	SW 4	SW 0.5	10	10	ins.	☾ 9p.
29	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	SW 1	SW 0.5	3	6	ins.	☾ 9p.
30	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	NE 2	NE 0.5	9	10	ins.	☾ 9p.
31	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	E 3	E 0.5	5	0	ins.	☾ 9p.
Means	29.884	29.808	50.3	47.5	40.9	58.3	29.884	29.808	79	79	2.5	1.3	7.2	6.2	1.557	

UPPINGHAM.

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

MAY 1882.

1	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	SW 3	S 3	7	7	ins.	Bright p., with ☾ force 6.
2	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	SSW 4	S 1	8	10	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
3	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	NNE 1	Calm	10	10	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
4	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	NNW 1	Calm	10	10	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
5	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	NW 1	Calm	10	10	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
6	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	N by W 1	NW 1	8	10	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
7	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	NNE 1	S by E 1	10	10	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
8	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	N 2	N 1	10	10	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
9	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	S by W 1	SSW 1	10	10	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
10	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	NNW 2	Calm	2	10	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
11	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	SW 3	SW 3	10	1	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
12	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	N by W 2	NNW 1	2	0	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
13	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	NNE 1	NNE 1	3	1	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
14	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	ENE 2	ENE 3	6	10	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
15	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	NNE 2	NNE 1	10	0	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
16	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	N by E 2	NNE 1	6	0	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
17	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	ENE 1	Calm	4	1	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
18	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	E by N 1	N by E 1	0	0	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
19	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	E by N 2	E by N 3	0	1	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
20	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	E by N 3	NNE 2	6	1	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
21	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	ENE 3	NNE 1	6	6	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
22	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	ENE 1	Calm	3	3	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
23	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	E by N 1	S by W 4	8	9	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
24	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	SSW 6	SW 6	6	7	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
25	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	SSE 2	WSW 1	10	4	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
26	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	S by W 3	S by W 4	10	1	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
27	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	SSE 5	S by W 3	6	10	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
28	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	S by W 3	Calm	10	8	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
29	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	W 2	W 1	4	1	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
30	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	NNE 1	W 1	8	7	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
31	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	NNE 1	NNE 1	5	0	ins.	☾ 9p. ☾ 10.40p. ☾ 11p.
Means	29.645	29.765	48.3	45.2	39.1	55.9	29.645	29.765	75	83	2.0	1.5	6.7	5.4	1.050	

CHURCHSTOKE.

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

MAY 1882.

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.	46.7	43.8	34.1	53.9	in.	in.	74	87	SW 2	SW 2	10	8	ins.	K T ● ² p.	
2	29.833	29.702	49.9	46.4	42.0	59.0	29.833	29.702	75	91	SW 4	SW 1	8	10	ins.		
3	29.806	29.719	50.4	44.6	42.1	56.2	29.806	29.719	80	87	SW 1	SW 1	10	8	ins.		
4	29.694	29.785	51.9	44.0	37.4	59.3	29.694	29.785	78	91	NW 2	NW 2	6	8	ins.		
5	29.877	29.912	49.0	48.8	33.2	58.9	29.877	29.912	68	65	NW 1	Calm	0	5	8		∞
6	29.884	29.998	51.9	42.3	35.8	58.5	29.884	29.998	59	81	NW 2	NW 2	2	6	—		Bright and clear.
7	29.996	30.052	50.4	39.8	35.0	60.3	29.996	30.052	77	77	SE 1	WSW 1	2	2	0.16		Bright.
8	30.090	30.260	47.4	43.0	36.6	57.6	30.090	30.260	81	86	NNW 1	NW 1	8	0	—		Dull.
9	30.396	30.314	50.5	51.4	38.8	55.0	30.396	30.314	73	81	SW 1	SW 4	10	8	—		Bright and hot.
10	30.389	30.529	50.9	48.2	65.1	25.6	30.389	30.529	86	77	SW 2	SW 1	3	8	—		Clear and bright.
11	29.200	29.187	57.0	54.9	50.1	65.1	29.200	29.187	86	83	SE 1	W 1	8	10	—	Dull.	
12	29.306	29.392	49.9	43.8	42.6	58.3	29.306	29.392	87	74	NW 2	WSW 1	4	1	—	Bright and hot.	
13	29.376	29.356	52.4	51.4	32.2	64.3	29.376	29.356	68	66	SE 1	SE 1	0	0	—	Clear and bright.	
14	29.368	29.359	52.3	45.8	36.0	57.7	29.368	29.359	63	76	ESE 2	E 2	1	2	—	Dull.	
15	29.345	29.407	44.6	37.8	34.1	50.9	29.345	29.407	67	83	NE 3	NE 2	8	0	—	Clear. Cold wind.	
16	29.469	29.493	48.1	43.7	30.0	58.1	29.469	29.493	77	62	N 1	Calm	0	3	—	a. Dull and cool.	
17	29.497	29.452	51.9	42.7	33.0	63.9	29.497	29.452	67	82	NNW 2	Calm	0	0	—	Clear and cold.	
18	29.364	29.326	57.1	46.8	36.5	67.4	29.364	29.326	54	63	ENE 2	NE 1	1	0	—	a. Day clear and bright.	
19	30.226	30.046	56.1	51.9	36.0	60.1	30.226	30.046	72	54	ENE 3	E 5	7	2	—	a. Cold wind. Dull.	
20	29.928	29.894	54.4	48.5	38.8	60.1	29.928	29.894	67	60	NE 6	ENE 3	5	2	—	a. Gloomy and cold.	
21	29.872	29.938	53.4	50.9	37.7	61.5	29.872	29.938	36.5	71	ESE 4	ESE 1	7	7	—	Warm a. Cold p.	
22	29.858	29.702	57.4	56.2	47.3	64.9	29.858	29.702	76	92	NE 1	ESE 1	4	8	2.20	● K ² Warm. ∞.	
23	29.595	29.403	54.6	49.9	46.3	67.1	29.595	29.403	89	85	ENE 1	S 2	7	4	4.05	D ● ² K a. Mild. K ² with strong whirlwind p.	
24	29.327	29.375	49.1	50.6	47.0	62.4	29.327	29.375	92	83	SW 4	SW 4	10	7	0.35	Cold wind. ● ⁰ .	
25	29.352	29.497	53.6	49.8	45.2	55.8	29.352	29.497	82	87	SW 3	W 3	10	6	3.90	● ² showers. Gustly wind.	
26	29.657	29.787	55.2	50.2	44.3	61.5	29.657	29.787	74	70	SW 4	WNW 5	7	7	1.87	Gustly cold wind. Dull.	
27	29.843	30.025	59.5	52.2	49.5	64.2	29.843	30.025	81	80	WSW 5	WNW 5	5	3	0.49	Cold wind. Gustly.	
28	30.100	30.137	59.3	52.9	48.0	65.4	30.100	30.137	73	72	SW 4	W 2	3	4	—	Bright and clear.	
29	29.293	29.390	58.3	50.2	43.5	65.9	29.293	29.390	68	81	W 2	W 1	3	1	—	D ∞. Cool.	
30	29.366	29.383	58.5	51.9	38.9	65.4	29.366	29.383	70	77	NNW 1	Calm	0	3	—	a. Bright and warm. ∞.	
31	30.354	30.361	58.4	51.9	40.3	63.9	30.354	30.361	67	73	WSW 1	Calm	0	4	—	a. Sunny but cool.	
Means	30.043	30.063	53.0	48.4	40.0	60.8	30.043	30.063	72.8	78.4	2.3	1.8	5.3	4.2	2.078		

CHELTENHAM.

Height above Mean Sea Level, 184 feet. Long. 2° 3' W. Lat. 51° 51' N.
MAY 1882.

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.	50.6	48.0	41.2	57.6	ins.	ins.	77	77	S	3	8	6	ins.	
2	29.644	29.761	52.4	49.1	42.0	59.3	248	256	68	86	SW	3	8	10	0.00	Very fine.
3	29.88	29.913	52.4	49.1	42.0	59.3	270	298	69	86	SE	2	10	6	0.01	Very fine.
4	29.87	29.901	48.8	52.1	47.1	65.6	312	355	91	91	SE	2	10	6	0.01	Very fine.
5	29.65	29.749	49.0	52.5	39.8	60.6	317	320	92	83	N	1	10	10	0.01	Very fine.
6	29.87	29.887	53.4	49.8	42.0	63.6	311	312	76	87	W	1	5	10	0.15	Very fine day. ● at night.
7	29.923	29.965	52.8	44.0	44.0	60.0	311	268	77	93	SW	1	6	4	—	(mist) ga. Very fine.
8	29.977	29.979	50.9	41.2	37.2	60.8	277	246	75	95	SW	1	6	1	—	Very fine, but with (mist).
9	30.065	30.280	49.8	44.7	33.0	58.3	256	240	80	81	NW	2	7	4	—	Very fine.
10	29.445	29.337	48.7	52.5	32.1	59.0	260	298	76	76	S	1	10	10	—	Very fine.
11	29.371	29.362	55.0	55.0	50.5	67.0	328	388	76	90	NW	2	3	7	—	Very fine and bright.
12	29.301	29.157	58.2	58.5	53.0	67.0	407	360	84	84	SW	1	10	3	—	Very fine and bright.
13	29.279	29.327	53.4	48.3	48.1	62.8	260	244	64	72	NE	2	3	1	—	Very fine and bright.
14	29.354	29.303	58.5	52.0	35.2	66.0	280	266	57	69	W	2	3	0	—	Very fine and bright.
15	29.351	29.310	53.8	45.7	38.2	59.8	270	218	65	72	E	2	2	1	—	Very fine, but coldish wind.
16	29.297	29.343	47.3	46.0	39.8	54.0	207	222	64	72	NE	3	6	6	—	Very fine and bright.
17	29.485	29.446	51.0	46.3	31.8	63.6	249	255	67	82	NE	1	5	0	—	Very fine and bright.
18	29.402	29.384	57.5	51.8	33.8	68.0	270	238	57	63	W	1	0	0	—	Very fine and bright.
19	30.183	30.024	57.1	53.0	37.0	62.2	296	313	63	78	SE	3	1	0	—	Very fine and bright. Very dusty.
20	29.896	29.858	56.3	52.7	43.9	63.1	274	260	61	66	E	4	2	0	—	Very fine and bright. Very dusty.
21	29.859	29.827	55.0	57.5	46.0	64.5	345	384	80	82	SE	1	9	9	0.06	showers.
22	29.855	29.808	56.8	49.6	48.0	69.0	399	324	86	92	SE	1	9	1	0.27	showers.
23	29.550	29.417	64.0	52.3	47.0	68.6	422	339	71	86	SE	1	5	10	0.13	showers.
24	29.373	29.439	57.0	51.1	49.5	62.0	310	321	68	85	SW	4	7	6	0.32	Squally p. ● showers.
25	29.359	29.517	52.5	53.8	49.5	58.5	367	343	94	82	SE	1	10	9	0.41	all day.
26	29.689	29.858	57.1	53.8	51.8	63.0	356	340	76	82	SW	3	10	6	0.04	showers a. Fine p.
27	29.919	30.081	59.0	54.3	53.0	64.3	348	360	68	86	SW	5	9	9	0.21	Beautiful day, with ● showers.
28	30.125	30.198	60.0	58.0	52.5	66.5	373	382	72	79	SW	2	6	6	—	Very fine and bright.
29	30.311	30.343	57.2	52.5	42.0	66.5	344	349	73	89	SW	1	4	4	—	Very fine and bright.
30	30.352	30.307	59.1	57.1	41.0	68.3	317	327	70	70	N	2	6	8	—	Very fine and bright.
31	30.315	30.310	58.5	52.8	44.5	65.0	302	284	62	71	N	2	5	0	—	Very fine and bright.
Means	30.041	30.050	54.6	50.9	42.9	63.0	309	303	72.4	80.8	2.0	1.4	5.9	4.7	1.700	

CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long. 4° 18' W. Lat. 51° 52' N.
MAY 1882.

1	29.544	29.672	49.0	46.7	41.4	55.1	312	274	90	87	SW	5	9	9	0.20	▲ Sp.
2	29.805	29.870	51.3	48.0	45.1	57.3	293	305	78	92	SW	4	8	7	0.10	
3	29.711	29.709	55.4	47.2	45.2	58.4	321	316	73	98	E	1	10	0	0.23	
4	29.695	29.786	50.7	43.1	38.3	57.9	355	254	96	91	N	1	9	0	—	
5	29.862	29.885	53.9	43.7	35.4	59.5	234	258	56	90	N	2	0	0	—	
6	29.899	29.995	55.7	43.7	37.1	59.2	285	256	65	89	NW	1	5	3	—	
7	29.987	29.998	58.0	45.0	39.1	58.8	303	264	63	89	W	1	5	0	0.25	▲ 10.30a.
8	30.072	30.294	50.7	45.8	40.3	59.3	302	258	82	84	N	2	7	0	—	
9	29.392	29.357	51.7	50.4	38.6	55.3	319	356	83	97	S	2	10	10	0.10	
10	29.380	29.375	54.1	53.8	50.2	61.0	381	391	91	94	W	1	10	10	—	
11	29.315	29.195	52.7	51.4	50.4	57.8	378	369	95	97	SW	2	10	10	—	
12	29.255	29.317	56.5	48.0	46.8	62.3	295	309	65	93	NE	2	3	0	—	
13	29.240	29.290	57.0	53.9	41.8	67.0	328	281	70	68	E	2	0	0	—	
14	29.305	29.262	56.2	48.5	42.2	63.2	279	242	62	71	E	2	0	0	—	
15	29.285	29.338	52.2	41.3	37.9	57.3	226	191	58	75	E	1	2	0	—	
16	29.423	29.457	52.6	45.5	38.8	60.1	249	248	63	82	E	2	0	0	—	
17	29.447	29.425	62.1	49.0	39.3	63.2	365	299	66	87	S	1	0	0	—	
18	29.387	29.261	58.5	52.4	41.5	67.4	302	283	62	72	E	1	0	0	—	
19	30.126	30.072	60.0	52.9	43.8	61.8	299	248	58	63	E	3	2	0	—	
20	29.841	29.791	53.9	55.4	45.1	65.0	269	248	65	56	E	4	0	0	—	
21	29.787	29.898	50.4	58.1	46.2	63.5	324	385	89	80	E	1	10	9	0.02	
22	29.803	29.671	60.0	55.7	51.4	67.2	401	378	77	86	NE	1	9	10	0.02	▲ 1p.
23	29.528	29.377	59.0	50.9	49.0	64.8	365	355	73	95	E	1	10	10	0.43	▲ 1p.
24	29.320	29.358	51.8	52.2	49.2	57.8	369	340	95	87	SW	4	7	10	0.03	Dull all day.
25	29.317	29.526	55.4	50.4	49.6	60.3	349	324	80	89	S	2	10	0	0.26	● 10a.
26	29.633	29.750	57.2	55.3	49.0	60.2	360	358	79	82	S	3	10	10	0.15	● 11a.
27	29.839	30.012	59.2	53.6	52.0	61.4	404	366	81	89	S	4	9	8	0.04	
28	30.091	30.200	58.4	50.9	50.8	61.4	386	360	79	97	S	3	9	0	—	▲ 9p.
29	30.304	30.375	58.8	49.7	49.0	64.2	369	316	75	89	SW	2	7	0	—	Fine day. ● 9p.
30	30.362	30.321	61.8	53.5	44.5	68.3	459	322	83	78	N	2	6	0	—	Fine day.
31	30.300	30.289	63.0	54.9	47.9	69.2	361	325	63	76	E	1	0	0	—	Fine day.
Means	30.011	30.033	55.7	50.0	44.4	61.5	331	306	74.7	84.6	2.1	1.2	5.7	3.4	1.740	

MARLBOROUGH.

Height above Mean Sea Level, 471 feet. Long. 1° 43' W. Lat. 51° 25' N.
MAY 1882.

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.	50.6	46.5	39.4	56.1	in.	in.	77	77	S	2	SW	2	7	9	ins.	
2	29.689	29.818	52.1	48.7	41.2	56.4	251	257	68	82	S	2	SW	2	7	9	ins.	
3	29.899	29.935	52.1	48.7	41.2	56.4	279	287	73	84	SW	1	Calm	0	9	5	2.60	p.
4	29.811	29.730	47.7	51.6	44.3	63.7	306	351	93	92	Calm	0	Calm	0	10	3	0.70	
5	29.700	29.772	50.6	48.7	45.2	60.4	317	321	86	94	Calm	0	Calm	0	10	10	0.39	
6	29.867	29.908	51.7	48.9	44.9	63.0	336	323	87	94	Calm	0	Calm	0	8	10	0.37	(mist) ga.
7	29.982	29.996	54.7	45.7	39.3	63.0	303	257	71	85	Calm	0	Calm	0	3	0	—	(mist) ga.
8	30.048	30.295	54.7	43.2	37.2	58.4	296	244	69	87	NNW	1	Calm	0	6	1	—	p.
9	29.443	29.409	48.5	50.3	32.7	58.1	249	294	73	81	SW	1	Calm	0	10	10	—	
10	29.386	29.382	54.5	54.8	48.6	64.5	381	377	90	88	Calm	0	Calm	0	10	10	—	
11	29.339	29.201	56.9	53.0	51.9	67.2	399	364	86	90	Calm	0	Calm	0	10	0	—	
12	29.268	29.318	52.7	49.9	49.2	63.1	324	276	81	78	Calm	0	Calm	0	10	0	—	
13	29.352	29.334	57.2	51.7	40.2	65.3	294	277	62	73	Calm	0	Calm	0	1	0	—	
14	29.347	29.313	49.6	42.7	40.0	58.3	259	209	73	77	E	1	E	1	4	0	—	
15	29.279	29.320	46.7	43.8	37.9	53.3	213	228	67	79	E	2	Calm	0	8	3	—	
16	29.418	29.454	48.8	45.9	33.8	57.1	244	244	70	80	E	2	Calm	0	1	0	—	* (sleet) 7.30p.
17	29.490	29.448	50.7	49.2	34.0	60.0	252	264	69	76	Calm	0	Calm	0	1	0	—	
18	29.419	29.51	54.5	50.7	35.0	64.6	275	290	65	79	Calm	0	Calm	0	0	0	—	p. a. p.
19	30.188	30.016	55.9	50.1	38.3	60.6	306	272	69	75	SE	2	Calm	0	4	0	—	
20	29.878	29.846	55.6	50.7	41.4	61.4	311	270	71	74	E	1	E	1	0	0	—	
21	29.838	29.94	53.9	54.5	45.4	67.4	360	370	86	88	Calm	0	Calm	0	10	5	—	(mist) ga. p.
22	29.860	29.727	57.4	53.6	45.4	66.6	389	390	83	75	Calm	0	Calm	0	10	2	0.30	
23	29.569	29.473	63.0	50.4	46.6	66.4	416	327	73	89	Calm	0	SW	2	9	10	6.10	p.
24	29.488	29.527	51.1	49.0	50.6	66.7	327	329	92	87	SW	2	SSW	1	10	9	0.330	
25	29.382	29.579	50.9	51.8	49.9	54.3	360	358	97	93	SE	1	SW	1	10	9	4.40	p.
26	29.745	29.809	53.9	53.1	50.3	60.1	375	357	91	88	SW	3	SW	1	10	10	0.20	
27	29.966	30.108	57.8	53.6	50.6	62.8	369	358	77	87	SW	3	SW	1	10	7	—	
28	30.161	30.226	60.4	54.6	51.3	67.3	382	370	73	87	SW	1	Calm	0	9	7	—	
29	30.320	30.364	61.5	52.7	44.4	68.1	395	317	68	80	Calm	0	Calm	0	1	1	—	
30	30.343	30.301	61.8	56.0	45.4	67.1	302	296	55	66	NE	1	ENE	1	8	10	—	
31	30.314	30.312	59.3	51.7	48.5	64.6	281	275	56	73	E	2	E	1	0	1	—	
Means	30.053	30.070	54.2	50.2	43.4	61.9	318	301	75.7	82.8	0.8		0.4		6.7	4.4	2.590	

STRATHFIELD TURGISS.

Height above Mean Sea Level, 195 feet. Long. 1° 0' W. Lat. 51° 20' N.

MAY 1882.

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.	51.8	47.0	41.4	56.4	ins.	ins.	73	81	SW 3	W 2	4	3	ins.	▲ before ga. Squally
2	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
3	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
4	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
5	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
6	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
7	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
8	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
9	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
10	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
11	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
12	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
13	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
14	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
15	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
16	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
17	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
18	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
19	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
20	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
21	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
22	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
23	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
24	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
25	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
26	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
27	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
28	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
29	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
30	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
31	29.711	29.835	51.8	47.0	41.4	56.4	29.711	29.835	73	81	SW 3	W 2	4	3	29.711	▲ before ga. Squally
Means	30.059	30.071	56.6	51.2	43.2	65.7	34.1	34.3	74.2	82.6	2.5	1.8	5.9	3.3	1.428	

SOUTHAMPTON.

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

MAY 1882.

1	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
2	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
3	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
4	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
5	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
6	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
7	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
8	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
9	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
10	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
11	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
12	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
13	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
14	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
15	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
16	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
17	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
18	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
19	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
20	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
21	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
22	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
23	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
24	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
25	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
26	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
27	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
28	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
29	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
30	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
31	29.730	29.844	53.0	48.8	43.1	56.3	29.730	29.844	68	84	SSW 4	SW 2	5	7	29.730	
Means	30.049	30.063	57.3	52.5	46.1	63.3	33.6	33.0	71.5	83.0	2.6	1.8	7.0	4.0	1.859	

ST. LEONARDS.

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

MAY 1882.

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	50.5	46.4	54.2	ins.	ins.	76	80	SSW 4	SW 4	10	2	ins.	▲ before ga. Squally
2	29.780	29.904	47.4	50.5	46.4	54.2	29.780	29.904	76	80	SSW 4	SW 4	10	2	29.780	▲ before ga. Squally
3	29.780	29.904	47.4	50.5	46.4	54.2	29.780	29.904	76	80	SSW 4	SW 4	10	2	29.780	▲ before ga. Squally
4	29.780	29.904	47.4	50.5	46.4	54.2	29.780	29.904	76	80	SSW 4	SW 4	10	2	29.780	▲ before ga. Squally
5	29.780	29.904	47.4	50.5	46.4	54.2	29.780	29.904	76	80	SSW 4	SW 4	10	2	29.780	▲ before ga. Squally
6	29.780	29.904	47.4	50.5	46.4	54.2	29.780	29.904	76	80	SSW 4	SW 4	10	2	29.780	▲ before ga. Squally
7	29.780	29.904	47.4	50.5	46.4	54.2	29.780	29.904	76	80	SSW 4	SW 4	10	2	29.780	▲ before ga. Squally
8	29.780	29.904	47.4	50.5	46.4	54.2	29.780	29.904	76	80	SSW 4	SW 4	10	2	29.780	▲ before ga. Squally

ST. AUBIN'S, JERSEY.

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

MAY 1882.

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.	51.2	49.8	44.0	58.2	ins.	ins.	71	76	W by S 4	SSW 3	0	2	ins.	Day fine and bright.
2	29.842	29.922	51.2	49.8	44.0	58.2	29.842	29.922	71	76	S 3	E by N 2	4	10	0.015	Fine a. Very cloudy p. ☉ ☽.
3	738	787	51.2	49.8	44.0	58.2	738	787	71	76	E 2	Calm 0	8	5	—	☉ ☽ 2.30a. Day fine and warm.
4	750	855	51.2	49.8	44.0	58.2	750	855	71	76	WSW 1	Calm 0	9	7	—	Very cloudy a. Fine p. ☉ ☽ [☉ ☽ p.
5	919	29.947	51.2	49.8	44.0	58.2	919	29.947	71	76	S by E 2	Calm 0	9	10	0.300	Very cloudy a. ☉ p.
6	29.950	30.011	51.2	49.8	44.0	58.2	29.950	30.011	71	76	SW 3	N 2	9	4	0.023	☉ from 2.30p. ☉ p.
7	30.002	0.047	51.2	49.8	44.0	58.2	30.002	0.047	71	76	NE 1	Calm 0	10	1	—	Gloomy a. Very fine p. ☉ p.
8	1.42	2.297	51.2	49.8	44.0	58.2	1.42	2.297	71	76	NW 3	NW 2	3	0	—	☉ a. Cloudy a. Very fine p. with [cold breeze. ☉ p.
9	473	513	51.2	49.8	44.0	58.2	473	513	71	76	SE 2	Calm 0	1	2	—	☉ a. Very fine a. Cloudy p. ☉ p.
10	501	407	51.2	49.8	44.0	58.2	501	407	71	76	SW 3	Calm 0	7	10	—	☉ a. Overcast from 11a.
11	403	250	51.2	49.8	44.0	58.2	403	250	71	76	Calm 0	NNE 2	10	0	—	Gloomy till 1p. Bright from 2p.
12	256	262	51.2	49.8	44.0	58.2	256	262	71	76	E 3	ENE 2	1	0	—	Almost cloudless.
13	254	235	51.2	49.8	44.0	58.2	254	235	71	76	ENE 4	ENE 3	2	1	—	☉ early a. Very fine day.
14	226	209	51.2	49.8	44.0	58.2	226	209	71	76	NE 6	NE 5	2	0	—	☉ all day. Bright and very dry.
15	207	229	51.2	49.8	44.0	58.2	207	229	71	76	NE 4	NE 3	8	0	—	Cold dry wind. Cloudy a. Fine p.
16	321	404	51.2	49.8	44.0	58.2	321	404	71	76	ENE 4	NE 3	7	0	—	Cold dry wind. Bright from 9a.
17	445	428	51.2	49.8	44.0	58.2	445	428	71	76	NE 3	NE 2	4	0	—	Cold breeze. Day very fine.
18	391	30.262	51.2	49.8	44.0	58.2	391	30.262	71	76	ENE 2	ENE 3	6	0	—	Cold breeze. Day very fine.
19	30.093	29.883	51.2	49.8	44.0	58.2	30.093	29.883	71	76	ENE 3	ENE 4	5	0	—	Day extremely fine.
20	29.735	729	51.2	49.8	44.0	58.2	29.735	729	71	76	SE 2	ENE 4	1	10	—	Fine a. Overcast p.
21	826	0.016	51.2	49.8	44.0	58.2	826	0.016	71	76	SE 1	E 2	9	9	—	☉ a.
22	879	748	51.2	49.8	44.0	58.2	879	748	71	76	SE 2	SW 1	7	0	0.219	T 3.10p. ☉ p.
23	604	637	51.2	49.8	44.0	58.2	604	637	71	76	SW 4	SW 4	9	10	0.052	T 3.10p. ☉ p.
24	581	601	51.2	49.8	44.0	58.2	581	601	71	76	SW 3	SSW 3	3	10	0.482	T 3.10p. ☉ p.
25	454	728	51.2	49.8	44.0	58.2	454	728	71	76	SW 3	SW 3	9	1	0.192	T 3.10p. ☉ p.
26	29.836	29.992	51.2	49.8	44.0	58.2	29.836	29.992	71	76	SW 3	SSW 3	5	0	0.055	Almost cloudless; the sunniest day
27	30.103	30.100	51.2	49.8	44.0	58.2	30.103	30.100	71	76	SSW 2	SW 2	0	0	—	☉ a. and p.
28	222	302	51.2	49.8	44.0	58.2	222	302	71	76	SSW 1	Calm 0	9	3	0.020	☉ a. Fine a. Very cloudy p.
29	356	360	51.2	49.8	44.0	58.2	356	360	71	76	E by N 2	N by E 2	7	6	—	Overcast and gloomy.
30	286	267	51.2	49.8	44.0	58.2	286	267	71	76	NE 2	N by E 2	10	9	—	Very dry and fine.
31	30.260	30.243	51.2	49.8	44.0	58.2	30.260	30.243	71	76	NE 3	ENE 4	1	0	—	
Means	30.066	30.084	51.2	49.8	44.0	58.2	30.066	30.084	71	76	2.5	2.1	5.6	3.5	1.358	

Earth temperature—Mean of 10 readings (every third day), at 1 foot 55° 8, 3 feet 55° 1, 6 feet 53° 8.

LONDON DERRY.

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

MAY 1882.

1	29.289	29.341	46.7	42.7	36.5	54.3	231	244	73	88	S 2	S 3	7	10	0.300	☉ ☽ showers.
2	569	854	50.5	43.2	30.8	55.9	240	253	65	90	SSW 3	SW 1	6	0	0.160	☉ a. Fine p.
3	795	731	45.0	43.7	35.7	51.5	300	236	93	82	NE 2	NE 1	10	10	0.320	☉ till 4p.
4	759	822	51.7	42.7	39.8	57.4	245	236	64	86	N 2	Calm 0	9	0	—	Fine and clear all day.
5	852	878	54.7	45.6	32.9	60.8	268	257	63	84	SW 1	Calm 0	2	5	0.020	☉ ☽ showers.
6	862	29.879	53.5	46.1	37.0	57.8	252	271	61	87	Calm 0	SSW 1	9	10	0.060	☉ ☽ till 4p., then fine.
7	29.930	30.058	51.7	42.2	37.2	58.0	266	252	70	93	SE 1	Calm 0	8	6	0.390	Fine and clear.
8	30.181	223	50.7	48.7	38.0	58.0	286	279	78	81	N 1	Calm 0	10	10	0.140	☉ ☽ showers.
9	109	281	50.3	46.8	43.9	56.0	321	294	88	92	SW 3	S 1	10	4	0.100	Fine and clear.
10	358	328	54.7	49.3	39.1	61.5	297	286	70	81	WSW 2	SW 1	5	3	—	☉ ☽ showers.
11	130	165	53.6	45.2	42.8	59.0	330	249	80	83	S 3	NW 1	10	8	0.050	Fine and clear.
12	315	398	53.9	43.1	40.0	57.0	248	248	60	89	NW 2	Calm 0	5	0	—	Fine day.
13	394	355	57.7	47.7	33.8	65.0	279	248	58	76	Calm 0	Calm 0	0	0	—	Fine day.
14	344	364	61.2	48.2	38.2	69.3	311	259	57	77	SW 1	E 1	0	0	—	Fine day.
15	395	439	50.7	45.8	37.4	68.2	288	250	78	81	NE 2	NE 1	0	0	—	Fine day.
16	508	511	56.9	46.7	36.5	61.5	279	277	61	87	NNE 1	N 1	1	0	—	Fine day.
17	511	482	60.5	49.7	35.6	70.5	312	312	59	88	S 1	E 1	0	0	—	Fine day.
18	470	266	62.8	58.1	38.5	72.2	335	291	59	60	S 1	S 1	0	0	—	Fine day.
19	159	30.082	64.0	52.9	46.0	69.5	315	300	53	75	SSE 1	SE 1	0	1	—	Fine day, but with ☉.
20	30.039	29.989	61.2	51.6	42.8	68.5	286	229	53	61	E 2	NE 2	1	0	—	Fine day.
21	29.926	920	60.7	57.5	41.8	69.2	292	346	55	73	E 2	SE 1	0	10	0.050	Fine during day, cloudy evening.
22	924	742	53.9	54.7	49.0	67.0	373	351	90	81	E 1	N 2	10	5	0.230	☉ till 10a., then fine.
23	641	415	52.0	52.2	49.0	64.6	366	350	94	90	NE 1	NE 1	10	1	0.160	☉ till 10a., then fine.
24	171	215	52.8	48.7	45.8	56.4	392	277	98	81	NNE 1	SW 1	10	10	0.160	☉ till 4p., then fine.
25	317	352	50.7	51.7	41.8	61.2	277	322	75	84	NE 1	SE 1	10	8	0.100	☉ till 4p., then fine.
26	494	486	57.5	54.7	41.4	66.0	294	338	62	78	S 3	SW 3	5	10	0.020	T 11a.
27	542	29.754	58.3	51.9	47.8	64.0	311	288	64	74	S 4	SW 3	6	2	0.110	Fine and clear.
28	29.850	30.071	58.0	51.3	46.8	63.0	273	313	57	82	SW 4	S 2	7	2	0.060	Fine and clear.
29	30.222	328	56.7	53.7	39.8	68.0	307	354	67	86	SW 3	NW 1	6	4	0.080	
30	397	407	60.8	50.9	41.6	67.4	346	323	65	87	N 1	NE 1	4	1	—	
31	30.405	30.390	61.0	48.7	38.8	64.0	351	301	66	87	NE 1	E 1	3	0	—	
Means	29.994	30.017	55.3	48.9	40.5	62.6	299	285	69.1	82.1	1.7	1.1	5.3	3.9	2.510	

MARKREE CASTLE, SLIGO.

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

MAY 1882.

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°	43°	39°	54°	ins.	ins.	%	%	SSW 2	SSW 1	10	10	ins.	☾ showers.
2	29°219	29°397	45°1	43°2	39°3	54°3	256	260	85	92	Calm 0	Calm 0	9	3	°308	
3	°638	°831	48°1	40°1	38°8	53°6	266	231	79	93	Calm 0	Calm 0	10	10	°278	☾ 9p.
4	°750	°744	45°1	44°1	37°4	47°4	291	239	97	82	Calm 0	Calm 0	10	0	—	
5	°751	°793	48°4	42°7	33°4	55°6	227	229	67	84	Calm 0	Calm 0	10	0	—	☾ 10a.
6	°838	°885	50°5	44°2	30°3	54°9	248	270	68	93	Calm 0	Calm 0	10	10	°030	
7	°858	29°868	51°1	45°1	34°7	55°2	262	263	70	88	WSW 2	WSW 1	8	10	°146	☾ 9p.
8	29°859	30°055	47°4	46°2	40°7	53°6	298	270	91	87	Calm 0	Calm 0	10	5	°026	
9	30°168	°211	51°2	48°5	32°3	59°4	290	287	77	85	Calm 0	Calm 0	6	10	°110	☾ 9p.
10	°128	°280	52°1	45°1	44°8	55°1	384	281	98	93	WSW 3	Calm 0	10	5	°028	
11	°360	°332	52°2	49°6	32°8	59°4	312	319	80	90	Calm 0	Calm 0	8	10	—	☾ 9p. ☽ 11p.
12	°135	°200	54°7	46°1	44°2	57°6	376	249	88	80	S 2	Calm 0	10	0	°072	
13	°318	°363	51°2	43°4	35°3	55°4	238	245	63	87	NW 2	Calm 0	8	0	—	☾ 9p.
14	°334	°291	54°5	49°1	36°8	62°4	271	234	64	67	E 2	Calm 0	0	0	—	
15	°262	°300	57°0	48°7	40°6	65°4	339	243	73	71	ESE 3	Calm 0	0	3	—	☾ 9p.
16	°326	°390	54°1	45°1	40°8	59°1	274	238	66	80	E 3	Calm 0	2	0	—	
17	°468	°473	51°3	46°1	32°6	60°2	241	271	64	87	Calm 0	Calm 0	8	0	—	☾ 9p.
18	°484	°445	50°0	50°9	34°3	66°7	315	260	63	70	Calm 0	Calm 0	0	0	—	
19	°366	°241	62°1	54°7	36°2	70°2	302	330	54	78	Calm 0	Calm 0	0	0	—	☾ 9p.
20	30°069	30°006	62°5	53°1	45°3	66°6	320	276	56	69	ESE 3	Calm 0	0	10	—	
21	29°942	29°880	58°7	53°1	48°4	61°9	303	228	61	57	ESE 4	ESE 3	3	2	—	☾ 9p.
22	°841	°855	58°0	55°1	44°3	65°1	294	351	61	81	E 4	Calm 0	0	10	—	
23	°852	°672	59°0	57°0	44°4	67°0	410	339	83	73	SSE 2	Calm 0	10	0	°102	☾ 2.30p.
24	°565	°367	53°8	55°5	52°5	65°8	366	351	88	80	Calm 0	Calm 0	10	10	°128	
25	°155	°223	52°2	47°1	46°5	57°2	369	267	95	83	NW 3	Calm 0	10	0	°038	☾ 9p.
26	°268	°354	49°1	46°6	41°9	58°6	286	282	82	90	SE 2	Calm 0	10	8	°080	
27	°438	°452	55°1	51°3	39°3	61°8	303	324	71	85	SSW 4	SSW 2	10	10	°116	☾ 9p.
28	°495	29°720	51°7	50°1	45°7	59°9	314	308	82	85	S 5	S 2	7	6	°046	
29	29°807	30°077	56°6	47°4	46°9	60°8	316	277	69	85	WSW 4	Calm 0	8	1	—	☾ 9p.
30	30°205	°324	59°0	50°1	37°3	62°5	357	316	72	87	SSW 2	Calm 0	8	10	°050	
31	°364	°372	59°0	50°8	39°3	64°9	344	330	69	88	Calm 0	Calm 0	6	3	—	☾ 9p.
32	30°330	30°330	60°2	55°1	39°3	65°8	345	303	66	71	Calm 0	NE 2	7	0	—	
Means	29°958	29°992	53°9	48°5	39°9	60°1	307	280	74°3	82°0	1°7	0°4	6°7	5°7	1°838	

BIRR CASTLE, PARSONSTOWN.

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

MAY 1882.

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°	44°	37°	54°	ins.	ins.	72	83	S 2	S 2	8	8	ins.	
2	29° 277	29° 483	49°	44°	37°	54°	254	244	72	83	WSW 1	S 0.5	7	9	0.80	
3	29° 686	29° 829	50°	48°	39°	58°	273	289	75	86	WSW 1	S 0.5	7	9	1.38	
4	29° 722	29° 744	51°	43°	35°	59°	316	256	83	90	SE 1	NW 1	6	0	1.36	
5	29° 770	29° 806	46°	44°	33°	58°	238	242	76	83	NW 0.5	NW 1	4	8	—	
6	29° 870	29° 918	52°	45°	36°	58°	262	263	68	88	SW 1	SW 1	0	7	—	
7	29° 916	29° 945	49°	45°	37°	56°	246	250	68	82	SW 1	S 1	5	0	—	
8	29° 951	30° 055	47°	45°	39°	57°	283	259	88	86	WSW 1	NW 1	10	0	1.51	
9	30° 195	30° 280	49°	47°	36°	60°	281	269	80	82	NNW 1	S 0.5	3	10	—	
10	29° 253	29° 299	51°	50°	45°	55°	338	352	87	95	SSW 1	SE 0.5	10	10	0.68	
11	29° 386	29° 366	54°	51°	42°	61°	329	313	77	81	SSE 0.5	W 0.5	3	10	—	before 9a.
12	29° 210	29° 197	56°	50°	47°	61°	363	314	79	87	SW 1	NW 1	6	10	0.22	
13	29° 349	29° 361	50°	49°	42°	60°	239	263	65	74	N 0.5	Calm	0	4	—	
14	29° 332	29° 291	57°	49°	36°	65°	281	277	60	78	ESE 1	E 0.5	0	0	—	
15	29° 275	29° 285	58°	49°	36°	64°	322	263	65	73	ESE 1	E 0.5	0	0	—	
16	29° 324	29° 390	53°	43°	37°	60°	286	229	71	80	E 0.5	Calm	0	5	—	
17	29° 462	29° 487	51°	49°	34°	60°	236	287	63	83	ENE 0.5	E 0.5	5	0	—	
18	29° 506	29° 444	56°	54°	36°	67°	391	271	87	65	Calm	E 0.5	0	0	—	
19	29° 387	29° 263	61°	57°	39°	71°	343	356	63	76	Calm	Calm	0	0	—	
20	29° 094	29° 988	60°	54°	43°	65°	334	295	63	70	SE 1	E 1	0	5	—	
21	29° 903	29° 827	57°	53°	47°	62°	324	287	69	70	E 2	ESE 1	0	6	—	
22	29° 777	29° 863	58°	55°	44°	62°	320	390	65	88	ENE 1	ESE 1	0	8	—	
23	29° 853	29° 621	57°	55°	43°	63°	399	392	84	89	SE 1	ENE 0.5	10	10	4.09	
24	29° 668	29° 362	56°	55°	44°	66°	365	394	81	90	ESE 1	NW 1	10	10	3.70	
25	29° 190	29° 191	52°	50°	40°	57°	381	342	96	93	W 1	NW 1	10	10	8.90	
26	29° 246	29° 411	57°	47°	44°	59°	359	269	76	82	S 1	W 1	4	5	2.21	
27	29° 461	29° 489	56°	50°	42°	62°	341	328	74	89	SSE 1.5	S 1	6	6	0.91	
28	29° 586	29° 808	56°	52°	45°	61°	324	323	70	83	S 3	S 2	10	4	0.77	
29	29° 954	29° 121	57°	53°	48°	62°	329	319	70	78	S 2	Calm	0	5	0.69	
30	29° 269	29° 354	56°	55°	43°	64°	321	378	70	86	W 1	Calm	0	6	0.27	
31	29° 391	29° 373	57°	57°	50°	64°	399	420	84	90	Calm	W 0.5	0	6	—	
Means	29° 353	29° 314	51°	45°	38°	61°	348	319	74	84	ENE 0.5	E 0.5	2	0	—	
Means	29° 984	29° 005	54°	50°	42°	61°	319	306	74.4	82.4	1°	0.7	4.8	4.9	2.749	

KILLARNEY.

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

MAY 1882.

1	29° 249	29° 524	49° 9	44° 4	41° 3	55° 0	266	238	75	81	SW 8	SW 2	10	7	1.05	Wild squally day. ▲.
2	714	793	51° 0	45° 4	37° 9	57° 1	261	294	70	97	SW 2	SNE 1	6	9	1.52	Wind backed during day.
3	735	773	45° 3	41° 1	41° 0	50° 8	294	236	97	92	WNW 1	Calm 0	10	5	1.45	2 a.
4	775	816	48° 9	47° 8	31° 5	57° 2	243	283	70	86	Calm 0	Calm 0	4	5	—	Fair and warm.
5	872	942	51° 4	46° 3	32° 8	56° 5	272	270	72	87	WSW 0-1	Calm 0	3	5	0.09	Overcast 2p.—5p.
6	29° 946	29° 970	47° 9	45° 1	33° 9	53° 6	255	240	77	80	W 1	W 2	7	6	0.55	
7	30° 007	30° 107	49° 7	47° 9	36° 8	56° 6	275	264	78	79	W 3	WNW 3	5	5	—	Cool wind.
8	205	281	51° 1	50° 3	39° 0	59° 2	277	299	75	82	W 2	SW 1	7	4	—	Fine day.
9	279	321	53° 4	54° 0	40° 6	58° 7	338	382	83	92	SW 3-4	Calm 0	10	10	0.20	0 a.
10	378	382	56° 5	54° 7	52° 8	62° 7	406	391	89	91	WSW 0-1	W 0-1	10	10	—	before 9a.
11	233	221	57° 3	52° 6	52° 6	59° 8	400	375	85	95	WSW 4	WSW 4	4	10	—	0 p.
12	335	316	52° 2	49° 9	39° 0	62° 2	246	261	64	73	E 3	ESE 1	1	0	—	Bright and breezy, but with ∞.
13	257	223	57° 5	53° 0	46° 4	64° 3	330	255	70	64	ESE 4	SE 5	1	1	—	∞.
14	203	227	58° 2	49° 7	49° 6	63° 0	308	261	63	74	ESE 4	E 4-5	1	0	—	∞. Very dry.
15	254	345	55° 1	44° 1	44° 1	58° 0	297	258	69	89	SE 4	ESE 1	7	0	—	∞. D.
16	418	492	51° 7	41° 9	35° 0	57° 6	269	218	71	83	Calm 0	E 1	5	0	—	∞. 2 a.
17	489	468	54° 4	45° 4	30° 9	66° 6	272	256	64	85	Calm 0	NW 0-1	0	0	—	∞. 2 a.
18	381	303	59° 5	50° 7	36° 2	67° 3	279	262	55	71	Calm 0	NE 0-1	0	0	—	∞. 2. Breezy.
19	3033	29° 914	58° 1	52° 0	44° 2	63° 2	337	264	70	69	E 3	SE 3	1	1	—	
20	29° 794	749	59° 6	51° 5	49° 8	61° 4	305	273	60	73	ESE 4-5	ESE 1	6	5	—	
21	700	785	52° 9	55° 0	40° 0	57° 9	320	400	80	92	SE 4	ESE 2	10	10	0.45	∞. (mist). ∞.
22	793	636	57° 8	53° 9	51° 8	63° 5	361	361	76	86	SSE 3	SE 1	8	9	0.15	Dull and warm. ∞ < 9p.
23	543	433	56° 9	52° 1	50° 8	64° 1	341	355	74	91	SSE 2	W 2	10	10	1.46	
24	258	259	54° 4	48° 9	38° 9	58° 7	378	318	90	93	W 1	SW 1	10	10	0.43	Gloomy day.
25	252	401	49° 9	46° 9	46° 2	55° 8	344	276	96	87	SW 0-1	SW 2	10	4	1.05	
26	394	457	55° 2	48° 6	42° 3	57° 6	328	302	75	88	SW 2-4	SW 1	9	2	7.00	a. Squally.
27	581	201	52° 0	52° 5	46° 3	58° 8	346	317	86	80	SW 6-7	SW 4	9	7	3.35	Wild and squally. ● ▲.
28	29° 969	30° 087	54° 0	48° 1	47° 4	61° 8	357	316	85	94	WSW 3	Calm 0	7	5	—	
29	30° 248	362	58° 6	52° 0	44° 0	63° 7	370	325	75	84	W 1	W 1	7	7	—	D. 2. Day fine and warm.
30	392	406	59° 2	54° 9	49° 7	66° 8	395	376	79	88	W 1	NW 1	9	6	—	Dull a., then sunny.
31	30° 350	30° 301	58° 1	54° 9	50° 4	68° 3	404	364	83	85	Calm 0	E 1	8	8	—	∞
Means	29° 968	30° 001	54° 1	49° 5	43° 6	60° 3	319	300	76° 0	84° 2	2° 4	1° 5	6° 3	5° 2	2° 644	

DUNROBIN CASTLE.

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

JUNE 1882.

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°	54°	45°	59°	ins.	ins.	76	81	E	N	—	—	ins.	Fine day.
2	30° 382	30° 306	55°	54°	45°	59°	333	345	76	81	E	E	—	—	—	Fine day.
3	30° 274	30° 128	59°	56°	46°	66°	376	323	74	71	E	E	—	—	—	Fine day.
4	29° 964	29° 735	56°	52°	50°	60°	371	359	81	90	E	SE	—	—	430	Fine a. Dull with ● showers p.
5	383	374	52°	55°	51°	59°	368	423	94	95	NW	S	—	—	130	Dull a.
6	352	335	55°	51°	51°	59°	333	350	76	92	W	SW	—	—	150	Dull a., with ● showers. Fine p.
7	331	374	57°	52°	48°	62°	360	359	76	90	S	SE	—	—	060	Fine a. Dull p.
8	485	552	57°	54°	49°	62°	335	334	71	80	W	W	—	—	—	Fine a. Dull p.
9	522	447	59°	52°	48°	59°	314	328	62	84	SW	SE	—	—	050	Dull.
10	435	634	54°	52°	48°	57°	363	322	86	81	E	E	—	—	—	Dull a. Fine p.
11	740	945	51°	45°	45°	56°	278	256	74	85	NE	E	—	—	—	
12	788	888	48°	44°	38°	52°	266	222	78	76	NW	NW	—	—	330	Dull a. ● 2 showers p.
13	723	807	43°	43°	39°	57°	224	221	79	78	NW	NW	—	—	090	Dull and cold.
14	669	659	50°	42°	38°	46°	232	236	64	76	N	SW	—	—	160	Fine day.
15	301	29° 301	49°	46°	39°	57°	304	267	87	85	SE	E	—	—	380	Dull and cold.
16	29° 848	30° 046	48°	44°	40°	54°	270	232	80	80	W	NW	—	—	030	Dull and mild.
17	30° 143	30° 101	52°	48°	40°	58°	242	272	75	81	NW	E	—	—	—	Dull.
18	29° 837	29° 057	51°	51°	43°	54°	300	357	79	93	E	SE	—	—	140	Dull.
19	543	646	51°	52°	47°	53°	330	339	87	86	E	E	—	—	040	Dull.
20	787	846	54°	51°	49°	56°	348	341	75	91	E	E	—	—	030	Fine and mild
21	785	745	58°	53°	49°	63°	362	335	74	83	S	S	—	—	220	Cloudy and mild.
22	535	684	54°	52°	50°	64°	320	351	76	88	S	NE	—	—	270	Dull and mild.
23	734	684	50°	53°	47°	60°	323	383	71	95	E	E	—	—	460	Fine and sunny a. ● p.
24	682	788	55°	53°	51°	57°	362	373	84	90	E	S	—	—	310	Dull a. Fine and mild p.
25	879	958	57°	56°	51°	61°	381	373	81	83	E	E	—	—	240	Dull and windy.
26	29° 890	29° 987	51°	55°	51°	57°	330	395	87	91	E	E	—	—	020	Dull a. Clear p.
27	30° 027	30° 045	57°	53°	49°	59°	400	357	85	88	E	SE	—	—	020	Fine and sunny.
28	090	089	55°	56°	51°	61°	384	411	87	91	E	N	—	—	050	Fine a. Dull p.
29	069	090	58°	55°	52°	61°	415	418	85	95	S	E	—	—	—	Dull and mild.
30	126	137	60°	55°	52°	64°	378	367	72	85	SE	N	—	—	—	Fine a. Cloudy p. Mild.
30	30° 121	30° 085	58°	52°	44°	59°	402	342	82	87	S	E	—	—	—	Fine and sunny.
Means	29° 784	29° 799	54°	51°	47°	58°	334	333	78°	85°	—	—	—	—	3° 610	

LAUDALE.

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

JUNE 1882.

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.	61.4	54.0	44.9	68.5	ins.	ins.	0/0	0/0	E 1	Calm 0	0	0	ins.	∞ ² p., sun like a ball of fire.
2	30.344	30.297	61.4	54.0	44.9	71.8	4.30	3.74	72	90	E 2	E 3	1	10	—	Mare's tails E. to W. 9a. ∞. Clouds
3	30.167	30.039	65.0	59.0	49.0	71.8	4.30	3.74	70	64	E 1	Calm 0	10	10	0.40	3.40p.—5.20p. [bright yellow p.
4	29.891	29.668	59.0	55.0	51.3	64.1	3.98	4.06	59	94	E 1	Calm 0	10	10	0.40	(mist) a. T ² 1.30p.
5	433	351	56.2	53.0	50.5	62.3	4.05	3.71	90	92	Calm 0	SW 4	10	10	0.40	(mist) a. and p. [day.
6	439	361	51.3	53.8	47.5	60.0	3.24	3.71	85	89	SW 4	S 4	10	10	0.260	(mist) a. and p. [day.
7	453	463	51.9	52.8	50.0	59.6	3.11	3.33	81	83	SSW 3	SW 2	7	10	0.300	(mist) a. and p. [day.
8	533	661	53.8	51.8	50.3	58.7	3.42	3.33	82	86	SW 2	WSW 2	10	10	0.130	(mist) a. and p. [day.
9	605	374	53.0	52.0	49.2	56.4	3.42	3.48	85	90	SW 3	SSE 3	10	10	0.510	(mist) a. and p. [day.
10	326	29.609	53.8	53.8	50.0	57.3	3.85	3.37	93	81	Calm 0	ESE 2	10	9	0.010	(mist) a. Dull and gloomy.
11	872	30.007	49.0	47.9	47.5	54.6	2.98	2.08	86	81	NW 5	NW 3	9	7	—	(mist) a. and p. [day.
12	911	29.836	48.0	44.0	42.6	53.4	2.85	2.44	86	84	SW 5	NW 3	10	6	0.360	(mist) a. [day.
13	861	937	45.6	43.5	38.8	48.7	2.67	2.33	87	82	WNW 6	NW 6	10	7	0.080	Very cold. [day.
14	803	652	45.1	48.1	42.3	53.8	2.74	3.39	91	98	WSW 3	Calm 0	10	10	0.570	(mist) p. [day.
15	339	29.309	53.2	48.2	47.4	53.8	3.71	3.27	92	98	SW 8	WNW 7	10	10	0.450	till 8a. [day.
16	29.917	30.128	50.2	45.5	45.0	53.4	2.96	2.57	82	85	NW 6	NW 3	5	5	0.010	(mist) a. [day.
17	30.201	30.102	51.5	50.0	37.6	56.1	2.76	2.57	73	72	NW 2	ESE 1	3	2	—	(mist) p. [day.
18	29.845	29.644	52.2	50.5	46.3	52.5	3.32	3.55	85	97	S 6	S 1	10	10	0.900	(mist) a. and p. [day.
19	551	629	51.8	51.4	47.5	57.7	3.38	3.43	87	90	WNW 3	W 2	10	7	0.020	(mist) a. and p. [day.
20	753	793	55.0	51.0	50.0	60.6	3.42	3.48	79	93	NW 2	Calm 0	8	5	—	Fine all day. Dark clouds to E. 9p.
21	790	671	54.0	53.8	44.0	60.1	3.66	3.66	87	88	Calm 0	Calm 0	9	10	0.640	9a. [day.
22	561	722	49.9	52.0	48.5	56.6	3.38	3.10	95	80	WNW 3	SW 1	10	4	0.060	Bar. 29.520 7a. [day.
23	722	641	57.8	51.2	48.8	63.0	3.95	3.71	82	99	SSE 2	Calm 0	6	10	0.170	(mist) p. [day.
24	668	795	57.0	55.4	49.1	62.7	3.56	3.34	76	76	SSE 4	SSE 4	7	3	—	(mist) a. Distant T ⁰ mid-day.
25	889	907	58.6	56.8	52.8	61.0	3.85	3.64	78	78	SE 5	SE 2	6	8	0.850	showers T ² all day. (T very [day.
26	29.867	29.974	59.3	56.6	52.0	63.5	4.38	3.47	87	75	SE 3	SE 1	9	1	—	2 till 8a. [day.
27	30.020	30.047	62.8	57.0	46.0	63.0	3.61	4.05	64	87	Calm 0	Calm 0	1	9	—	showers T ² all day.
28	081	085	64.5	58.0	47.8	69.8	4.40	4.21	73	87	Calm 0	Calm 0	9	2	—	∞ all day.
29	085	139	62.8	58.6	49.0	67.0	4.55	4.22	80	86	Calm 0	Calm 0	6	8	—	9a. Very fine day. T ² to E. 4p.
30	157	167	61.3	56.0	51.0	66.1	4.79	3.91	88	87	Calm 0	Calm 0	1	0	—	Fine a. Cir. NW. to S. tree shaped, [root in NW. 9p.
Means	29.808	29.804	55.4	52.6	47.5	60.2	3.61	3.43	81.8	86.1	2.6	1.8	7.3	6.8	5.000	

DUNDEE.

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

JUNE 1882.

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	30.438	30.348	60.5	47.4	46.3	62.7	3.49	2.82	66	87	SE 2	SE 1	0	0	—	Fine.
2	30.277	30.172	57.5	50.4	45.3	60.7	3.33	3.15	70	86	SE 2	SE 4	0	10	—	Fine.
3	29.959	29.720	55.4	51.4	50.2	60.7	3.55	3.53	81	93	SE 2	SE 2	10	10	0.250	Dull.
4	477	413	55.4	56.5	51.2	65.7	3.82	3.68	87	80	SW 6	SW 1	10	10	—	Cloudy.
5	430	398	55.4	56.5	50.2	65.7	3.31	3.68	75	80	SW 2	SW 1	5	10	—	Cloudy.
6	393	397	56.5	52.4	52.2	63.7	3.68	3.40	80	86	SW 1	SW 2	10	10	0.250	showers 11a.—6p. T ² 9p.
7	456	643	57.5	50.4	50.2	62.7	3.33	2.91	70	80	W 1	W 1	5	7	0.150	Dull.
8	610	434	56.5	51.4	48.2	62.7	3.20	3.28	70	86	SW 1	SE 1	10	10	0.500	till 11.30a. Dull day.
9	531	511	53.4	53.4	51.2	57.7	3.80	3.80	93	93	SE 1	W 1	10	5	0.100	Cloudy.
10	723	906	54.4	47.4	47.2	57.7	3.16	2.03	74	62	NE 1	NE 6	10	7	—	Noon.—6.30p.
11	890	754	52.4	42.4	38.3	57.7	2.34	2.52	60	93	NW 4	NW 1	5	10	0.100	Dull.
12	710	797	45.4	42.4	39.3	45.7	2.03	2.12	67	79	NW 6	NW 2	10	10	—	showers from 3.30p.
13	752	638	50.4	44.4	39.3	55.7	1.97	2.72	54	93	NW 6	NE 1	10	10	0.100	(gale) 11.30a.—5p.
14	344	29.251	52.4	48.4	42.3	61.7	3.66	2.91	93	86	SW 1	W 2	10	10	0.050	Fine.
15	29.793	30.073	52.4	46.4	46.3	57.7	2.34	1.95	60	62	NW 8	N 2	5	5	—	Fine.
16	30.147	30.121	52.4	47.4	40.3	60.7	2.34	2.82	60	87	N 1	NE 2	10	7	—	Fine.
17	29.954	29.721	49.4	48.4	39.3	56.7	2.80	3.40	80	100	SE 1	SE 1	10	10	0.250	from 3p.
18	510	588	51.4	50.4	48.2	56.7	3.53	3.40	93	93	E 1	NE 1	10	10	0.050	showers 6.30a.—7p.
19	720	782	52.4	50.4	49.2	60.7	3.66	3.40	93	93	SE 1	E 1	10	10	0.050	Cloudy.
20	766	728	56.5	55.4	50.2	69.7	3.95	3.82	86	87	SW 1	W 1	5	10	0.100	Dull till 2p.
21	540	739	55.4	52.4	50.2	63.7	3.82	3.40	87	86	SW 2	SW 1	10	7	—	from 3p.
22	770	640	59.5	51.4	46.3	62.7	3.85	3.80	76	100	SE 2	SE 2	5	10	0.650	till 7.30a.
23	692	29.856	52.4	52.4	51.2	66.7	3.66	3.66	93	93	SW 1	E 1	10	10	0.050	Dull.
24	945	30.011	57.5	51.4	51.2	61.7	3.83	3.53	81	93	SE 1	SE 6	10	10	0.350	till 8a. Dull day.
25	29.902	30.03	53.4	52.4	50.2	59.7	3.80	3.94	93	100	SE 1	E 1	10	7	—	Fine.
26	30.007	30.04	59.5	56.5	48.2	68.7	4.42	4.24	87	93	SW 1	SE 1	7	5	—	Dull day.
27	095	114	59.5	55.4	48.2	65.7	3.85	3.82	76	87	SE 1	SE 1	10	10	—	Fine. [and 5p.
28	117	133	55.4	53.4	53.2	67.7	4.10	3.80	93	93	SW 1	SE 1	10	10	—	Dull.
29	153	177	55.4	54.4	53.2	67.7	4.10	3.94	93	93	SW 1	SE 1	10	10	—	Fine.
30	30.130	30.124	64.5	50.4	50.2	60.7	4.66	3.40	77	93	SW 1	SE 1	10	10	—	
Means	29.801	29.808	55.0	50.8	47.6	61.9	3.45	3.30	78.9	87.9	2.0	1.7	8.2	8.7	3.000	

ROTHESAY.

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

JUNE 1882.

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.	60.9	55.5	47.1	70.2	ins.	ins.	0/0	0/0	NE	NNE	—	—	ins.	Clear and hot.
2	30.379	30.290	60.9	55.5	47.1	70.2	.392	.384	74	87	NE	NNE	—	—	—	
3	30.220	30.065	59.9	54.0	48.1	68.0	.388	.334	76	80	ESE	ESE	—	—	—	
4	29.916	29.650	54.5	53.5	48.6	57.0	.388	.402	91	98	ESE	NE	—	—	.198	Dull, with ☀ showers. Cloudy and mild.
5	.495	.454	56.9	51.0	49.1	63.1	.424	.353	92	94	SW	SW	—	—	.010	
6	.463	.443	55.2	55.0	46.6	63.1	.352	.406	81	94	SSW	SW	—	—	.150	
7	.453	.434	59.4	51.2	49.6	63.1	.419	.358	84	96	S	W	—	—	.195	
8	.547	.721	56.2	52.2	47.9	60.1	.413	.363	91	93	WNW	W	—	—	.020	
9	.670	.393	52.8	52.5	47.1	58.0	.372	.393	93	99	SW	ESE	—	—	1.150	Dull. Dull, with ☀. Blowy.
10	.299	.377	50.5	55.0	46.6	60.1	.368	.406	100	94	NW	NE	—	—	.073	
11	.813	.902	54.8	48.0	46.1	59.0	.357	.267	83	80	NW	NW	—	—	.005	
12	.980	.820	52.0	44.9	40.9	55.6	.292	.258	75	87	NW	NW	—	—	.133	Blowy and cold. Blowy and cold.
13	.845	.903	47.3	44.1	38.1	51.4	.240	.237	74	81	NW	NW	—	—	.012	
14	.859	.685	46.3	49.8	39.9	52.9	.293	.356	94	99	W	WNW	—	—	.590	Dull, with ☀. Stormy. ☀ showers. Blowy and fine.
15	.448	.292	52.5	49.5	47.1	56.5	.387	.326	98	93	WSW	WNW	—	—	.130	
16	29.891	30.140	52.3	46.7	45.1	57.0	.300	.261	77	82	NW	NNW	—	—	—	Clear and fine. Dull, with ☀.
17	30.209	30.155	55.2	48.5	38.4	59.6	.305	.304	70	90	NE	S	—	—	.633	
18	29.913	29.669	52.0	50.2	42.7	53.2	.375	.364	97	100	S	S	—	—	.145	Cloudy, with ☀ showers.
19	.544	.625	52.8	52.6	47.3	59.0	.383	.386	95	97	SW	NW	—	—	—	
20	.774	.797	57.9	52.5	46.1	63.6	.391	.359	82	91	NNW	NW	—	—	—	
21	.816	.734	55.0	53.0	48.1	65.6	.381	.380	88	94	E	W	—	—	.380	Cloudy. Dull, with ☀ showers.
22	.587	.768	52.5	53.0	48.1	61.1	.387	.352	98	87	WSW	SE	—	—	.010	
23	.761	.664	57.9	53.0	48.1	64.4	.386	.403	81	100	SSE	Calm	—	—	.166	
24	.713	.824	55.0	53.5	44.6	64.1	.367	.359	85	88	ESE	SSE	—	—	—	
25	.904	29.911	56.9	56.9	48.1	66.1	.403	.381	87	83	SE	SE	—	—	1.010	
26	29.874	30.000	59.1	55.0	51.1	65.3	.451	.359	90	83	SSE	SW	—	—	—	☉ T☀ Clear and hot.
27	30.010	.058	62.1	52.3	44.1	65.3	.426	.368	77	94	NE	Calm	—	—	.095	
28	.100	.090	63.4	57.1	45.6	71.6	.447	.379	77	82	SW	W	—	—	—	Clear and hot. Clear and fine. Clear and hot.
29	.116	.147	63.9	58.9	48.6	69.5	.453	.457	77	93	SSE	Calm	—	—	—	
30	.160	.155	63.9	60.9	48.1	70.3	.490	.508	83	96	W	WNW	—	—	—	
30	30.174	30.132	65.9	62.7	51.1	74.0	.528	.507	84	89	NW	NW	—	—	—	
Means	29.831	29.823	56.2	52.8	46.2	62.3	.385	.366	85.1	90.8	—	—	—	—	5.195	

SCALEBY.

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

JUNE 1882.

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.	62.8	51.8	44.0	70.5	in.	in.	77	74	Calm	0	0	0	0	
2	30.354	30.279	56.3	51.3	41.6	65.5	30.4	31.1	68	82	E 5	E 6	8	10	—	
3	29.877	29.623	60.8	53.8	49.3	64.0	37.7	41.2	72	99	E 3	E 2	10	10	4.50	
4	53.9	49.2	55.8	53.8	51.0	63.0	38.4	40.6	86	98	SW 5	W 3	10	10	2.40	
5	49.2	47.5	57.6	56.0	47.0	64.5	31.6	36.7	67	82	SW 3	S 4	5	8	2.20	
6	47.6	49.4	55.3	53.8	51.5	64.0	34.5	35.6	79	85	S 4	S 5	10	8	1.10	
7	55.2	71.6	56.8	52.3	50.5	62.5	40.0	34.9	86	89	SW 4	SW 5	8	5	1.00	
8	66.2	39.3	52.5	53.8	50.0	57.0	32.2	41.2	81	99	SW 5	SW 3	10	10	1.80	
9	27.0	36.8	55.8	52.8	50.0	62.7	38.4	36.9	86	92	SW 3	NE 5	9	10	0.60	
10	68.8	90.8	54.8	47.3	47.0	61.6	34.4	28.7	80	89	N 4	N 1	10	5	—	
11	94.1	74.7	53.0	46.8	40.0	58.9	29.3	24.9	73	78	W 1	W 3	4	2	1.00	
12	75.5	83.3	54.3	43.8	36.1	54.2	22.8	22.1	61	76	SW 4	W 1	3	1	—	
13	86.7	68.6	49.8	48.8	36.5	52.8	23.7	34.3	67	99	W 5	Calm	0	6	1.300	
14	51.6	29.471	51.8	49.8	48.5	58.2	35.6	28.1	92	79	SW 7	W 10	10	10	1.00	Squally a.
15	29.820	30.110	51.6	50.0	47.8	63.0	32.1	27.9	83	78	N 4	NW 2	5	7	—	
16	30.192	30.161	52.8	48.3	36.0	62.0	34.3	27.5	85	82	W 2	Calm	0	2	3	—
17	29.985	29.733	53.3	49.8	37.5	58.0	30.7	30.5	76	85	NW 5	SW 3	10	10	2.60	
18	53.5	58.0	51.3	51.8	48.5	61.8	28.8	34.3	77	88	SW 2	NW 2	8	10	0.20	
19	71.3	77.9	57.0	52.8	48.5	58.5	34.4	36.9	74	92	NW 2	Calm	0	10	10	0.20
20	80.1	78.4	56.8	56.8	44.5	65.0	34.6	37.1	75	80	SW 2	Calm	0	3	10	1.80
21	62.3	76.9	56.8	53.3	50.0	61.5	45.9	34.2	99	83	Calm	SW 2	10	8	0.20	
22	75.7	68.3	58.8	52.3	44.2	61.0	34.9	37.5	71	96	N 2	SW 2	10	3	6.20	
23	72.5	85.8	56.8	51.8	48.5	64.0	34.6	33.0	75	85	NE 2	SE 3	3	10	0.40	
24	92.2	29.933	59.8	54.8	47.0	65.0	35.2	35.7	68	83	S 2	E 4	5	7	0.80	
25	29.888	30.004	57.8	54.8	52.8	63.5	36.6	34.4	77	80	SW 4	N 2	8	0	0.20	
26	30.000	0.30	57.3	54.6	46.8	62.0	40.7	37.1	86	87	NE 3	NE 2	8	5	0.90	
27	0.80	1.07	60.3	55.8	46.0	71.5	38.4	35.8	74	80	S 2	Calm	0	2	0	
28	1.18	1.60	60.8	55.8	45.8	69.5	39.1	38.4	74	86	Calm	Calm	0	10	4	—
29	1.52	1.40	59.8	57.3	45.0	71.2	41.8	39.3	81	84	SW 5	W 3	10	2	—	
30	30.153	30.173	62.3	55.0	51.5	75.0	38.6	31.8	70	74	NE 2	N 3	0	0	—	
Means	29.825	29.818	56.3	52.4	46.1	63.1	35.1	33.9	77.3	85.5	3.0	2.7	6.9	6.3	3.210	

SCARBOROUGH.

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

JUNE 1882.

1	30.403	30.320	59.2	50.1	48.5	50.6	35.5	30.4	71	84	NE 1	NE 3	2	2	—	
2	30.292	30.134	52.0	50.8	49.5	53.3	30.5	35.3	79	95	E 3	E 3	9	10	—	
3	29.928	29.646	53.1	52.4	50.8	55.5	36.0	36.9	89	94	E 1	NW 1	8	10	3.70	
4	59.5	55.8	59.4	55.2	52.0	65.8	34.5	39.3	68	90	SW 4	SW 1	3	9	1.70	
5	57.7	57.3	56.1	59.6	48.5	61.5	31.5	42.2	71	83	WSW 3	SW 2	4	6	1.60	
6	55.7	58.6	56.1	56.1	55.5	64.5	30.9	33.1	82	74	SW 3	SW 2	10	2	0.40	
7	58.0	68.4	57.6	54.8	48.7	63.9	34.8	30.8	74	72	SW 3	W 2	5	2	1.00	
8	73.1	53.9	57.6	54.6	48.6	63.4	35.3	37.4	75	88	WSW 3	S 2	5	10	1.80	
9	28.0	32.0	57.0	53.0	51.2	62.1	33.3	37.7	71	94	WSW 2	W 1	6	4	0.50	
10	49.5	76.4	51.2	48.6	48.6	53.5	36.6	26.9	98	79	NNW 6	NNW 7	10	6	7.20	
11	92.8	76.2	51.1	49.1	45.3	56.4	23.8	29.4	64	84	NNW 6	W 3	5	5	0.90	
12	72.6	74.0	53.2	45.6	43.8	56.4	24.1	22.0	60	73	NW 4	NW 6	4	9	0.10	
13	81.5	66.5	47.8	46.5	42.6	56.3	27.0	29.0	81	93	NW 5	SW 1	5	7	0.70	
14	61.2	29.499	52.6	51.4	45.7	62.7	36.6	26.9	93	71	SW 2	W 5	10	3	0.10	
15	29.735	30.017	54.7	48.6	48.6	56.4	27.8	27.1	65	79	NW 6	NW 2	4	4	0.10	
16	30.158	30.191	53.6	47.9	44.5	55.1	22.8	25.2	56	76	NW 4	W 1	3	3	—	
17	30.050	29.834	57.5	55.4	44.5	63.5	32.2	31.6	68	72	WSW 2	SW 1	3	10	0.10	
18	29.617	54.9	55.9	52.5	50.4	61.5	35.2	31.2	79	79	SW 3	SW 1	7	5	0.60	
19	66.9	76.6	50.6	51.6	50.3	57.3	34.5	31.8	94	83	NNW 2	NW 1	10	5	—	
20	81.3	81.9	57.2	59.1	49.5	65.4	35.7	38.6	76	78	NNW 1	SW 1	4	6	—	
21	76.9	78.1	59.1	54.8	52.3	64.1	37.0	40.9	75	95	SSW 3	SW 1	7	10	4.00	
22	78.6	69.4	54.1	54.0	53.0	57.4	41.0	40.6	98	97	SE 1	SSE 1	10	10	1.70	
23	76.1	92.0	57.7	53.6	52.5	64.3	32.8	33.5	69	81	WSW 2	S 3	3	10	1.30	
24	99.1	98.3	53.6	52.6	50.5	56.1	39.7	37.1	97	94	SE 3	SE 2	10	5	0.90	
25	29.907	29.997	54.4	57.4	52.5	59.4	39.7	37.9	94	81	SW 1	SW 2	6	1	0.80	
26	30.010	30.010	62.3	55.6	52.5	63.4	41.2	38.9	74	88	SE 1	E 1	3	3	—	
27	0.58	0.73	55.2	54.6	51.5	60.1	37.9	38.8	88	91	ENE 1	NNW 2	9	10	—	
28	1.12	1.16	56.6	53.1	53.0	59.1	40.0	39.3	87	97	NW 1	SE 1	9	9	—	
29	1.37	1.44	55.4	50.9	50.9	60.3	39.1	35.7	90	96	NNW 2	N 2	7	10	—	
30	30.150	30.125	56.0	50.9	50.5	57.4	31.3	33.3	74	90	NNW 4	NNW 2	4	3	—	
Means	29.842	29.827	55.3	52.7	49.5	59.9	34.2	34.0	78.7	85.0	2.8	2.1	6.2	6.3	3.360	

Observer remarks:—Mean sea temperature 51.9°.

JUNE 1882.

DOUGLAS, ISLE OF MAN.

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

JUNE 1882.

JUNE 1882.

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.	56.9	55.7	41.8	64.7	in.	in.	82	81	ESE 1	E 3	0	3	ins.	
2	30.185	30.015	52.4	54.0	49.0	58.7	35.3	36.6	90	87	E 6-7	E 4	9	8	0.43	Squally a. 5.30p. (mist) p.
3	29.868	29.659	55.2	52.7	52.7	63.0	42.5	37.0	98	95	ESE 1	NW 1	10	8	—	(mist) a. and p. T ⁰ .
4	57.8	53.2	54.4	51.3	50.5	59.1	40.4	35.4	96	94	SW 4	SW 2	10	7	0.12	
5	51.7	51.8	56.6	53.0	45.7	57.8	36.2	39.4	78	98	S 3	SW 3	7	8	0.175	
6	47.5	53.5	56.2	52.5	51.6	58.7	43.1	37.6	95	95	SSW 5	SW 3	8	8	0.68	
7	61.8	78.8	56.5	51.2	50.0	59.6	40.6	35.5	89	95	WNW 5	W 2	8	7	2.45	
8	72.0	38.2	54.8	52.5	49.2	56.7	35.1	39.6	82	100	WSW 3	SW 2	8	10	1.95	showers from 3p.
9	33.2	49.4	52.8	53.8	49.2	58.0	36.6	34.5	91	83	W 4	N 5	9	7	0.45	
10	29.814	29.97	55.0	48.0	48.0	57.7	37.5	27.8	87	84	NW 5	NW 7	7	8	—	all day. Squally p.
11	30.023	29.836	53.0	47.3	47.0	56.0	27.7	27.6	69	85	WNW 5	NW 5	6	4	1.15	5p.
12	29.850	29.938	49.8	45.3	43.0	54.0	27.1	23.9	76	80	NW 6	NW 7	4	3	—	6.30a. Squally all day.
13	94.8	73.1	47.2	50.5	45.0	53.4	27.3	33.8	85	89	W 5	WNW 4	10	10	0.650	all day.
14	61.2	29.610	54.5	51.0	50.0	58.6	39.6	29.9	94	80	WSW 6	W 6	10	8	0.30	Squally p.
15	29.916	30.137	54.0	47.5	47.5	57.0	31.0	28.1	74	86	NW 5	NW 4	3	2	—	
16	30.217	30.182	54.0	44.0	44.0	58.7	27.1	27.0	65	94	NNW 3	N 1	2	2	—	
17	29.974	29.678	53.0	50.7	40.5	58.7	34.7	37.0	86	100	S 5	S 6	10	10	800	Squally a. p.
18	58.4	63.6	51.4	50.6	40.5	57.3	34.3	35.3	90	96	W 2	NW 4	8	8	0.40	
19	77.7	83.3	53.2	51.5	50.0	61.0	37.1	35.1	92	92	NW 3	NW 1	9	10	—	
20	82.0	77.7	59.0	53.0	48.8	60.4	41.9	40.3	84	100	SSW 2	S 3	8	10	6.28	from 9.15p.
21	66.8	77.0	54.7	51.4	50.8	60.4	38.5	36.0	90	97	W 4	Calm	0	10	7	9p.
22	73.6	68.5	55.5	50.0	48.4	58.5	38.1	35.0	86	97	S 2	Calm	0	9	3	9p.
23	72.2	83.1	57.0	52.5	50.9	59.8	39.9	39.6	86	100	S 4	SE 5	6	8	1.86	T ⁰ p. 8.15p. 2.11p.
24	89.7	29.877	54.7	53.9	50.8	59.7	40.3	39.9	95	96	SE 3	SW 2	9	10	2.90	
25	91.6	30.008	58.0	51.8	51.4	60.2	43.6	38.3	90	99	S 3	Calm	0	7	2	D ² p.
26	29.976	30.045	58.7	53.5	47.8	64.7	44.6	37.3	90	90	E 2	Calm	0	7	3	D ² p.
27	30.097	30.141	62.4	54.5	46.5	66.4	44.2	41.6	79	97	SSE 2	Calm	0	4	4	(mist) a. D ² p.
28	110	156	56.3	56.3	49.2	63.5	42.4	44.4	93	98	S 2	Calm	0	10	5	a. D ² p.
29	166	159	59.7	54.7	50.6	64.7	44.9	39.7	88	93	NW 2	W 1	10	1	—	D ² p.
30	30.157	30.146	62.0	57.3	47.1	70.4	48.7	45.5	88	97	SE 2	WNW 2	7	3	—	(mist) a. D ² p.
Means	29.856	29.846	55.3	51.7	48.0	59.0	37.9	35.8	86.3	92.6	3.5	2.8	7.5	6.2	3.592	

LLANDUDNO.

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

JUNE 1882.

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.	62.4	56.2	48.4	64.2	ins.	ins.	73	73	SE 2	NE 3	0	10	ins.	Very fine, but windy.
2	30.377	30.254	62.4	56.2	48.4	64.2	30.305	30.177	73	73	E 4	W 2	8	10	1.20	Dull. ☉ showers from 3.30p.
3	30.137	29.996	54.2	55.2	47.5	59.0	30.099	30.073	86	86	W 2	W 2	8	10	0.10	Dull.
4	29.865	29.688	60.7	56.0	52.0	63.2	29.609	29.567	82	82	SW 1	W 2	9	5	1.80	
5	58.2	58.4	58.0	54.0	51.2	64.5	40.4	35.3	83	84	SW 3	WSW 4	9	5	1.80	
6	55.6	57.2	54.2	57.0	48.8	62.8	37.9	40.6	91	87	W 2	WSW 4	10	10	1.90	
7	53.8	59.5	58.0	54.9	53.0	63.0	40.4	33.8	83	79	WSW 4	WSW 3	7	8	0.40	▲ 8a. Day very fine. Windy.
8	66.2	82.1	54.0	55.0	52.8	62.2	38.8	37.5	93	87	W 2	W 2	10	10	0.50	Dull a. Fine p.
9	78.7	47.0	54.0	54.8	52.0	57.2	39.4	43.0	94	100	W 2	WSW 1	10	10	2.70	Dull. ☉ from 4p.
10	38.0	45.5	52.8	53.0	48.5	56.8	33.5	37.4	83	93	W 3	NW 2	10	10	0.30	☉ showers.
11	29.735	29.774	58.8	49.0	43.2	59.5	36.9	27.5	75	79	N 3	N 4	5	5	—	Squally p.
12	30.064	29.889	53.6	48.0	43.2	58.4	27.8	30.9	68	93	W 2	W 4	7	9	1.20	
13	29.866	29.988	52.0	48.7	46.2	53.8	26.6	24.1	69	70	NW 3	N 4	8	8	0.10	☉ showers a. Fine but squally p.
14	99.7	78.2	50.0	52.9	45.2	53.0	26.8	38.1	75	95	W 2	WSW 1	10	10	7.20	Dull and cold.
15	71.4	29.721	53.5	50.8	50.0	60.2	36.0	34.5	88	93	SW 3	W 3	10	10	1.40	☉ showers. Squally p.
16	29.945	30.145	56.0	50.0	49.2	58.9	33.8	26.8	75	75	N 2	NW 1	7	0	—	
17	30.233	30.206	55.5	48.5	46.8	56.6	28.6	28.0	66	83	N 1	N 1	4	6	—	Fine.
18	30.024	29.732	53.2	52.2	43.5	56.2	21.2	33.8	52	86	SW 2	SW 3	10	10	2.20	
19	29.631	29.659	55.5	52.0	49.0	56.3	34.6	34.0	79	87	SW 2	NW 2	9	10	1.25	☉ showers a. Fine p.
20	81.2	87.0	54.3	54.5	50.8	59.8	35.7	37.5	85	89	WNW 2	WNW 2	10	10	—	
21	85.9	82.0	56.7	53.0	51.8	60.0	37.7	34.8	82	86	W 1	W 1	10	10	1.25	
22	72.8	79.7	57.0	54.0	52.2	62.0	44.4	36.1	95	86	W 2	W 2	10	8	0.57	☉ a. Fine p.
23	72.9	69.0	55.8	53.2	47.8	59.2	37.5	35.8	84	89	SW 1	N 1	10	7	—	
24	73.8	86.1	58.8	52.0	46.3	63.7	33.8	33.5	68	86	SW 1	SW 1	8	10	0.33	T ☉ showers. Two K with ☉ ² .
25	87.9	29.867	58.6	55.0	48.8	62.2	34.6	39.7	71	92	SW 2	SW 1	6	10	3.90	Fine a. ☉ showers T p.
26	91.9	30.017	58.9	56.3	49.8	61.8	37.0	38.5	75	85	SW 0.6	E 1	10	10	0.00	☉ showers. T.
27	29.986	29.952	58.2	54.0	50.8	63.0	39.9	38.2	82	92	SE 0.6	W 1	9	0	0.56	☉ showers. T.
28	30.126	30.149	63.0	56.2	50.8	68.2	42.5	38.1	74	85	W 1	W 1	0	2	—	Very fine.
29	137	178	59.7	57.0	53.7	68.5	44.4	42.8	88	92	W 1	W 1	10	0	—	T. Day very fine.
30	178	173	58.9	56.2	54.5	64.0	42.8	41.6	87	92	N 3	NW 1	0	0	—	Very fine day, but with ☉.
Means	30.167	30.148	60.4	58.8	50.6	68.3	45.6	41.6	88	84	S 1	NW 1	0	0	—	Very fine day, with occasional sea ☉.

BUXTON.

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

JUNE 1882.

1	30.381	30.171	56.3	47.1	35.4	59.9	28.0	27.2	62	84	E 2	E 3	5	7	—	
2	30.227	30.080	49.9	50.3	39.2	55.7	30.2	33.0	85	91	E 3	E 3	10	7	0.10	
3	29.835	29.671	60.5	52.9	48.9	62.6	38.6	38.6	74	97	E 1	E 1	10	10	0.70	
4	61.1	66.4	55.0	48.3	47.6	62.6	35.7	32.1	83	95	SW 2	SW 1	9	5	0.40	K ☉ p.
5	65.9	64.1	48.3	54.9	44.4	58.9	32.9	37.4	97	87	SSW 1	SW 3	10	9	1.10	☉ before 9a.
6	60.3	64.0	54.9	50.0	49.4	61.2	35.1	31.3	82	87	SW 2	SW 2	8	4	0.20	☉ K p.
7	66.9	80.6	51.9	48.6	45.9	59.2	33.4	29.9	86	88	WSW 2	W 2	8	4	0.50	
8	75.5	49.2	54.4	49.9	44.9	55.2	40.4	33.3	96	93	W 1	W 2	10	10	0.60	
9	35.6	33.8	51.9	49.6	44.9	54.2	32.7	31.9	85	90	W 3	W 2	7	9	0.40	
10	29.659	29.900	50.6	47.4	44.9	56.7	28.9	28.4	78	87	NW 1	NW 1	9	10	1.30	
11	30.005	29.895	45.4	44.6	38.8	54.2	25.4	26.1	84	89	N 1	W 2	9	4	2.50	
12	29.828	29.887	47.3	46.3	39.9	52.2	22.9	27.6	71	89	W 2	NW 2	6	6	1.70	☉ ▲ *
13	95.0	76.3	46.6	49.6	36.1	49.8	24.5	32.2	78	91	W 2	NW 3	8	7	1.10	
14	73.2	29.731	48.7	46.6	46.6	56.5	32.8	27.7	95	88	W 3	W 5	10	7	0.50	p.
15	29.891	30.112	51.9	46.4	44.3	56.7	33.4	27.9	85	89	WNW 3	NW 2	10	7	—	
16	30.185	30.243	53.7	42.6	41.9	57.5	26.3	24.0	64	83	NW 2	W 1	8	7	—	
17	30.089	29.889	52.6	47.4	36.8	60.2	24.7	32.8	100	83	SW 1	SW 1	8	10	3.20	
18	29.654	29.628	54.1	47.3	46.1	58.7	40.4	30.4	96	94	WNW 3	NW 2	8	8	2.25	
19	77.5	86.0	50.0	50.4	46.1	54.7	33.4	31.8	93	88	W 2	NW 2	10	8	—	
20	84.9	88.3	57.5	53.6	47.1	65.1	32.2	36.4	68	83	W 1	NW 2	6	9	2.70	
21	81.9	82.7	52.9	52.4	47.4	56.9	39.3	37.9	98	96	SSW 2	Calm 0	10	10	—	
22	77.1	69.9	53.3	51.4	48.9	55.4	38.6	36.6	95	96	Calm 0	Calm 0	10	10	7.20	
23	79.4	94.2	56.6	49.1	45.2	63.5	31.6	31.8	69	91	SW 1	S 1	6	5	0.70	
24	95.7	29.932	58.0	55.6	43.4	62.8	33.9	35.3	71	79	SE 2	SE 1	5	5	2.90	
25	29.905	30.060	57.0	49.9	48.9	65.6	36.0	30.8	77	86	SW 1	NW 1	10	5	—	
26	30.013	30.056	58.6	53.6	42.3	65.1	39.9	35.1	81	85	SE 1	N 1	9	8	—	
27	107	166	58.5	52.4	43.4	66.1	40.3	33.0	83	84	WNW 2	WNW 1	3	1	—	
28	218	200	57.3	54.7	46.4	64.1	37.3	35.1	80	90	WNW 1	NW 1	10	8	—	
29	210	178	59.5	56.6	49.4	68.6	38.5	40.0	76	87	NW 1	NW 1	7	9	—	
30	30.178	30.179	57.8	58.6	48.5	71.6	41.2	34.8	86	86	NW 1	NE 1	10	4	—	
Means	29.888	29.884	53.7	50.1	44.4	59.7	33.6	32.4	81.4	89.4	1.7	1.7	8.3	7.1	8.045	

HILLINGTON, NORFOLK.

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

JUNE 1882.

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.	58.8	41.0	38.7	63.2	ins.	ins.	73	73	NE 3	E 0.5	4	8	ins.	[4.25a.—7p.
2	30.372	30.303	58.8	41.0	38.7	63.2	31.9	22.9	64	90	NE 3	E 0.5	4	8	—	a. and p. Continuous sunshine
3	30.231	30.025	57.4	56.9	41.0	63.7	45.6	36.5	96	79	E 4	ESE 5	9	10	0.08	Cloudy.
4	29.851	29.596	64.6	60.2	54.0	71.3	43.1	46.2	72	89	SE 1	S 6	10	10	0.62	☉ 3a. Cloudy day. ☉ p.
5	70.2	55.8	59.3	53.2	50.4	69.6	39.4	40.0	79	99	SW 3	SW 2	10	10	0.56	☉ p.
6	69.7	76.3	60.0	59.9	46.1	62.0	37.7	41.9	73	87	SW 5	SW 3	8	10	0.50	
7	63.7	66.1	57.5	53.5	53.0	66.2	45.6	38.4	96	94	SW 3	WSW 0.5	10	10	0.70	☉ p.
8	67.8	76.7	60.5	53.4	49.6	66.3	35.3	35.1	67	86	W 4	WSW 2	6	3	0.05	☉ p. ☉ p.
9	83.0	58.6	58.0	54.9	43.9	65.5	35.8	35.1	75	82	W 2	SW 2	10	10	1.77	☉ 10p. ☉ p.
10	37.0	38.2	54.6	50.9	50.0	60.4	34.9	34.6	82	93	W 2	W 1	9	10	4.86	☉ 10p. ☉ a.
11	45.4	77.9	52.6	49.4	48.9	58.1	37.4	26.0	95	74	NW 5	NNW 5	10	9	3.28	☉ 4a.—9a. a. and p. ☉ till 5p.
12	95.2	88.6	52.8	50.1	45.4	62.7	25.3	27.8	64	77	NW 5	NW 2	5	10	0.05	Fine and sunny.
13	74.7	77.8	52.2	46.2	44.0	57.5	26.4	25.7	68	84	NW 4	NW 2	6	10	1.76	T 0.50p. K 1.5p. poplar struck and [cottage damaged. ☉ 4.40p.
14	88.7	73.2	49.8	46.5	40.9	57.1	23.1	30.2	95	96	NW 5	WSW 2	10	10	1.40	Bright early a. ☉ a. ☉ 9p.—11p.

CHURCHSTOKE.

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

JUNE 1882.

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.	57.2	51.1	38.7	61.3	ins.	ins.	69	69	ENE 5	NE 5	5	5	—	∞. Cold wind. Clouds a vivid red [at sunset.
2	30.357	30.272	52.9	53.6	45.0	57.9	3.25	3.28	69	69	NE 6	NE 2	8	8	—	
3	30.123	30.036	52.9	53.6	45.0	57.9	3.25	3.28	69	69	NE 6	NE 2	8	8	—	
4	29.860	29.699	59.0	52.2	51.0	62.3	4.13	3.74	83	96	Calm	Calm	6	9	333	∞. Dull, with 2 showers.
5	620	657	54.8	49.0	47.0	64.9	4.06	3.85	94	80	SE 4	SSW 5	10	4	833	Gloomy and cold. Gustly wind.
6	648	650	55.2	55.7	47.5	62.9	4.21	3.71	97	84	SW 5	SW 4	10	4	145	Dull and cold.
7	598	635	57.5	52.2	51.7	63.9	3.99	3.07	84	79	SW 3	SSW 2	7	3	016	Bright and sunny.
8	700	822	54.9	50.9	48.5	61.8	3.62	3.18	85	86	W 5	W 1	2	3	—	∞. Cool, with ∞.
9	828	468	53.4	55.1	47.3	57.1	3.23	4.10	79	94	SW 3	W 5	7	9	400	2 T. Cool breeze. Gustly.
10	323	465	49.4	51.2	45.5	55.6	2.95	3.51	85	93	W 5	WNW 2	6	1	245	2 T. Dull and threatening. Gustly.
11	29.716	29.994	47.4	47.3	46.2	57.1	2.37	2.37	73	73	NW 4	WNW 4	7	7	030	Dull and cold.
12	30.048	29.945	52.4	45.8	42.3	56.0	3.38	3.04	86	98	WNW 3	W 4	5	9	395	Sunny a. Dull p. T 9p.
13	29.851	29.935	50.6	45.1	41.5	52.6	2.29	2.25	62	76	NW 5	NW 5	4	4	005	Cold wind. Δ 9p.
14	989	798	47.9	52.2	40.5	53.1	2.32	3.69	70	95	NW 6	NW 6	8	10	178	Dull and cold.
15	794	29.764	51.2	51.4	48.0	58.6	3.19	2.59	85	68	NW 5	NW 5	9	7	—	Dull.
16	29.938	30.099	54.2	49.2	45.0	58.4	3.01	2.46	71	70	NW 5	NNW 2	5	2	015	∞ p.
17	30.249	30.228	54.4	49.4	39.5	62.9	2.74	2.41	65	69	NW 1	Calm	2	2	—	Fine and sunny, but with ∞.
18	30.054	29.837	57.2	48.4	35.0	62.3	2.93	2.86	62	84	SW 3	SW 6	5	7	100	
19	29.663	29.663	54.3	47.6	47.6	58.1	3.40	2.89	81	88	W 4	W 1	5	3	025	∞. Day dull and rough.
20	816	874	53.2	54.4	45.0	58.6	3.33	3.01	82	71	W 3	W 6	7	7	—	Dull and cold.
21	852	861	58.0	50.9	49.3	62.7	4.01	3.35	83	91	NE 1	SW 3	8	6	—	Fine and clear.
22	767	757	58.4	53.4	48.7	61.1	4.44	2.95	91	72	SW 5	Calm	10	7	075	
23	733	730	54.6	52.1	45.0	57.4	3.34	3.09	78	79	Calm	Calm	4	7	070	Dull. Clouds a vivid red at sunset.
24	787	879	57.5	49.4	42.5	64.4	3.51	2.54	74	72	SW 5	Calm	4	5	105	
25	882	860	56.6	53.9	47.7	64.4	3.57	4.10	77	99	SE 3	SE 4	6	10	293	Dull. ∞ 2 T.
26	954	29.998	58.3	53.3	45.5	65.9	3.75	3.19	77	78	SSW 3	SW 1	7	6	007	
27	29.985	30.015	56.1	51.2	51.2	64.6	3.88	3.71	86	99	SE 2	SW 1	7	3	100	2 K 3
28	30.113	30.113	56.1	51.2	51.2	64.6	3.88	3.71	86	99	SE 2	SW 1	7	3	100	Overcast and cool a. Bright and hot p.
29	140	228	58.0	53.3	52.3	66.4	4.21	3.57	87	88	NW 4	Calm	7	2	—	
30	191	203	62.0	60.0	44.0	69.6	4.34	4.49	79	87	Calm	NE 1	5	4	—	☁. Bright and hot.
Means	29.892	29.890	55.3	51.8	45.6	61.2	3.50	3.22	79.3	83.0	—	—	6.0	5.6	3.490	☁. Bright and hot.

GELDESTON (BECCLES).

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

JUNE 1882.

1	30°360	30°308	56°0	50°6	42°8	58°9	*287	*287	63	78	ENE 3	E 2	7	3	—	0° (moon sun) 6.40p. U° (moon) 10p.		
2	30°228	30°066	55°0	58°8	49°7	60°4	*300	*357	70	72	E 5	E 4	10	10	—	0° Noon.		
3	29°861	29°662	63°3	61°3	55°8	66°6	*408	*463	71	85	SE 1	S 3	10	1	*020	T 2 Noon—1.15p., then distant to E. [Close day.		
4	*734	*682	60°3	58°1	50°8	68°2	*384	*364	74	75	SSW 1	SW 2	10	5	—	T 2.30p. Close day.		
5	*763	*785	60°0	59°2	49°0	63°0	*347	*397	67	79	SW 5	SW 5	10	10	*010	☁ (force 6) a. 0° 1.35p.		
6	*685	*709	58°0	56°2	55°9	61°6	*424	*416	88	92	SSW 4	SSW 1	10	10	*050	0° 6.45p.		
7	*683	*769	60°1	53°1	52°3	68°5	*338	*339	65	83	W 1	WSW 1	1	0	—	0° 9p.		
8	*828	*651	61°0	55°3	45°0	64°9	*339	*340	63	77	SW 2	SSW 3	9	8	*100	Coloured 0 11a.		
9	*392	*391	57°3	50°0	48°7	60°0	*346	*309	74	86	WSW 2	WSW 1	9	3	*490	T 0 9.50a.		
10	*418	*720	55°8	50°1	48°9	61°9	*367	*303	82	84	NNW 2	NW 5	6	10	*110	☁ (force 6) p.		
11	*906	*899	50°9	47°9	45°9	59°9	*277	*257	75	78	NNW 5	WNW 1	9	3	—	0° 9p.		
12	*736	*777	51°0	43°9	43°2	57°7	*276	*245	74	85	W 3	Calm	9	1	*030	T 0 at intervals a. Δ 1p. 0°.		
13	*859	*772	51°0	47°2	41°4	55°6	*216	*294	58	91	WNW 4	WSW 3	10	10	*110	0° 2.45p. ☁ (force 6) p.		
14	*737	29°648	55°0	52°1	47°0	61°8	*381	*357	88	91	WSW 2	W 3	10	8	*210	Squally ☁ (force 6) during day.		
15	29°731	30°038	53°2	45°2	45°0	57°9	*328	*258	81	86	WNW 5	WNW 1	10	0	*060	Gusty ☁ (force 6) early a. T 0 to S. p.		
16	30°153	30°215	53°6	46°0	42°1	59°9	*254	*267	62	87	NNW 3	Calm	8	1	—	0° 10p.		
17	30°135	29°947	59°1	54°0	38°0	66°7	*353	*308	70	74	SSW 2	S 2	3	10	*200	0° 9a. 0° 4p.		
18	29°732	*576	54°0	48°9	48°2	58°6	*394	*323	94	94	S 2	WSW 1	10	1	*650	K to W. 6.30p. Cum. "pocky-like" p.		
19	*627	*801	53°1	54°1	47°6	62°7	*351	*384	86	91	WNW 4	WSW 1	10	10	*200			
20	*848	*924	59°3	56°0	49°4	66°6	*372	*386	73	86	W 1	S 2	3	0	—	∞ 0° 9p.		
21	*917	*888	60°2	56°8	51°3	64°8	*393	*405	75	87	S 3	S 3	9	7	—	0° 9p.		
22	*833	*735	65°0	56°1	53°9	66°9	*438	*445	72	98	S 2	SSE 1	10	10	*230	0° 11a. T 0 4.15p.		
23	29°863	*987	60°3	56°0	49°8	66°5	*336	*363	64	80	WSW 3	SSE 1	3	10	—	0° 1.35p. 0° 9p.		
24	30°009	29°996	62°1	57°1	53°0	65°8	*429	*401	77	85	SSE 1	E 1	9	9	*220	0° 9a. and 9p. 0° 1p.		
25	29°961	30°065	59°2	56°2	54°8	64°8	*461	*416	92	92	S 1	Calm	10	0	*080	0° distant T to W. early a. 0° 42p.		
26	30°029	29°982	63°1	57°4	46°0	67°8	*360	*429	63	91	S 1	Calm	8	8	—	0° 9p.		
27	*016	30°050	57°9	55°3	52°0	63°2	*393	*372	81	85	W 3	WNW 3	10	1	—	0° 9p.		
28	*120	*149	60°0	60°1	53°6	70°9	*417	*428	81	82	WNW 2	Calm	9	4	—	0° 9a. and 9p.		
29	*131	*116	66°2	59°1	50°7	73°1	*435	*435	68	87	Calm	Calm	1	1	—	☁ early a. ∞ 0° 9a. 0° 9p.		
30	30°125	30°102	53°3	51°2	50°7	65°7	*393	*333	97	89	N 1	NNW 1	10	9	—	a. Dull a. Very fine p. 0° 9p.		
Means	29°881	29°880	57°8	53°8	48°8	63°7	*360	*356	74.9	85.0	—	—	2.5	1.7	8.1	5.4	2.770	

CHELTENHAM.

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

JUNE 1882.

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.	57.2	53.2	41.2	64.6	ins.	ins.	60	69	NE 3	SE 3	5	6	ins.	Very fine and bright.
2	30.333	30.226	55.3	56.5	47.0	59.4	3.29	3.57	76	78	E 4	S 1	8	10	010	
3	29.860	29.713	59.4	54.1	54.0	63.0	4.03	3.94	80	93	SW 1	W 1	10	10	310	Fine a. ☉ till 6p.
4	658	718	57.5	52.8	52.0	65.5	4.34	3.21	91	80	S 2	S 2	9	4	160	☉ showers. ☁ p. Sunny.
5	700	704	57.7	57.2	50.6	61.0	3.62	4.09	76	87	SW 3	S 6	10	6	330	Squally 9p.
6	656	691	56.1	55.8	52.8	64.8	3.88	3.46	86	77	SW 3	SW 2	10	9	010	Fine day.
7	714	856	58.8	55.2	48.1	64.2	3.16	3.23	63	74	W 2	W 2	8	5	—	
8	856	535	58.0	54.0	51.0	58.8	3.33	3.93	69	94	W 1	S 3	7	10	360	Fine till 5p., then ☉ 2.
9	422	449	54.0	54.3	51.0	59.4	2.89	3.23	69	77	W 4	W 4	8	10	060	
10	29.652	29.921	56.6	52.6	50.5	60.9	3.27	2.95	71	74	NW 5	NW 6	8	8	040	Fine.
11	30.054	29.947	52.8	51.1	44.1	59.8	2.59	2.93	65	78	W 4	W 1	8	7	080	
12	29.832	29.917	52.0	46.8	46.1	55.1	2.26	2.21	59	69	NW 3	W 1	6	5	—	Very fine.
13	30.017	29.810	51.5	51.8	41.5	56.0	2.31	3.40	61	91	NW 3	W 2	8	10	220	Fine, but cold a. ☉ p.
14	29.832	29.780	55.6	54.1	51.5	61.5	3.25	3.88	74	69	W 2	W 4	7	1	010	
15	29.902	30.123	55.8	46.2	46.2	61.8	2.85	2.54	64	82	NW 5	W 1	6	0	050	▲ 2 1p.
16	30.206	30.193	53.6	48.6	34.5	66.0	2.66	3.03	65	89	NW 1	SW 1	6	2	—	Very fine. Currants and raspberries [ripe.
17	50.085	29.892	61.9	53.0	37.0	64.8	3.17	4.00	56	99	SW 2	S 2	3	10	090	Fine till 7p., then ☉ 0.
18	29.671	29.667	57.1	50.5	49.5	60.4	3.27	3.08	70	84	SW 1	SW 1	7	9	150	Many ☉ showers.
19	801	881	55.8	55.0	47.2	61.3	3.24	3.40	73	79	NW 3	W 2	7	8	—	Fine day.
20	888	912	57.5	52.0	45.0	66.2	3.64	3.40	77	87	SW 1	SW 1	10	1	—	Fine day.
21	840	809	59.6	56.2	49.0	63.6	4.07	4.31	79	96	SW 2	S 1	10	10	180	☉ 2 showers.
22	733	692	53.5	55.0	50.8	56.3	3.89	3.62	96	84	SW 1	SW 1	10	9	500	☉ 2 all day.
23	813	910	57.8	53.0	42.5	63.7	3.16	3.48	66	86	SW 3	S 2	8	9	160	☉ 2 showers all day.
24	931	29.894	55.2	58.1	49.5	66.0	3.88	3.84	90	80	SE 2	SE 3	8	10	200	▲ 2 ☉ 2 p.
25	966	30.032	57.8	56.0	51.2	67.8	3.82	3.25	80	73	SW 1	S 1	9	6	—	Very fine day. ☐ 9p.
26	29.984	008	59.0	50.5	49.1	68.7	4.01	3.45	81	94	SE 2	Calm 0	10	1	520	Fine a. ☉ 2 ☐ 2 2.30p. 470 in. of
27	30.131	152	59.1	58.8	43.1	71.8	3.93	3.57	79	72	SW 1	SW 1	2	8	—	Very fine all day.
28	186	186	60.0	60.4	54.5	69.4	3.99	4.21	77	81	SW 1	SW 1	10	8	—	Very fine all day.
29	153	110	63.4	61.8	52.3	73.0	3.97	4.72	68	85	SW 1	Calm 0	4	10	—	Very fine all day.
30	30.140	30.098	57.0	58.8	51.0	73.0	4.41	4.53	94	91	SW 1	Calm 0	10	6	—	Very fine all day.
Means	29.904	29.894	56.9	54.1	47.8	63.6	3.43	3.48	73.8	82.4	2.3	1.9	7.7	6.8	3.470	

MARLBOROUGH.

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

JUNE 1882.

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.	50.4	50.7	42.3	63.0	ins.	ins.	%	%	E 3	E 1	5	3	ins.	
2	30.324	30.230	55.3	55.7	48.4	58.7	330	361	76	82	ESE 2	Calm 0	10	10	—	
3	29.859	29.748	60.6	53.0	53.0	63.1	436	385	83	96	Calm 0	Calm 0	10	10	4.30	
4	701	760	57.2	49.9	49.9	63.0	419	346	90	97	SW 2	Calm 0	10	4	3.60	
5	752	784	56.6	54.8	46.2	58.3	388	400	84	93	SW 3	SSW 3	10	10	7.20	
6	675	713	55.8	54.4	53.2	63.3	399	371	89	88	SW 1	Calm 0	10	10	0.10	
7	700	880	56.6	53.0	47.1	63.2	355	364	77	90	Calm 0	Calm 0	3	4	0.30	
8	902	852	52.7	52.7	48.1	58.1	344	378	86	95	Calm 0	SW 2	10	10	4.80	
9	470	492	54.2	51.6	48.3	58.7	322	338	76	88	WSW 1	W 1	7	10	1.00	T 4p.
10	29.645	29.618	57.0	48.8	48.8	62.2	339	315	73	91	N 1	Calm 0	10	9	1.70	
11	30.067	29.998	54.3	49.6	41.4	59.3	309	305	95	86	NNW 1	SW 1	9	10	1.50	Double ☾ 6p.
12	29.849	29.828	50.9	43.4	43.4	58.1	334	225	90	79	WNW 1	Calm 0	7	1	—	☀ 8.30a.
13	30.025	29.870	50.6	50.8	37.1	55.2	229	358	62	96	NW 1	W 1	10	10	2.50	
14	29.875	29.838	53.5	51.7	50.3	59.3	328	342	79	89	W 2	Calm 0	10	1	—	
15	29.923	30.133	53.8	46.8	46.8	60.8	287	260	69	84	WNW 1	Calm 0	10	1	0.50	
16	30.218	30.226	55.4	49.9	38.1	62.6	279	299	64	84	N 1	Calm 0	7	1	—	D
17	30.143	29.935	58.2	52.2	38.8	63.1	356	325	74	83	SW 1	S 2	5	10	4.00	
18	29.721	29.721	51.8	47.7	47.4	61.0	361	304	93	92	SW 1	Calm 0	10	9	1.30	☀ 4.50p. ☾ 7.20p.
19	816	931	57.6	50.8	44.9	63.1	358	323	76	86	NW 1	Calm 0	8	6	—	
20	898	957	58.6	49.8	48.3	65.4	352	317	72	88	Calm 0	Calm 0	0	4	—	
21	886	848	57.6	55.4	46.3	63.2	412	418	86	95	SW 2	SSW 1	10	10	3.40	
22	744	738	56.4	50.4	50.2	57.0	430	351	95	96	SSW 1	Calm 0	10	10	1.250	
23	858	941	53.7	50.3	43.4	61.6	336	338	81	93	SSW 1	Calm 0	8	2	2.20	
24	957	29.910	54.7	55.8	49.1	63.9	340	401	80	90	Calm 0	SSE 1	7	10	2.30	
25	980	30.065	57.5	53.9	50.0	66.0	371	349	79	84	Calm 0	Calm 0	10	2	—	
26	29.998	034	58.8	52.7	48.3	65.9	369	375	75	94	SE 1	Calm 0	9	7	3.40	
27	30.128	181	62.9	54.9	45.1	70.2	409	317	72	74	W 1	Calm 0	4	9	0.10	☁ before 9a.
28	208	214	59.6	57.7	53.8	69.6	399	407	78	85	Calm 0	Calm 0	10	10	0.10	
29	170	139	61.7	62.4	54.9	68.5	416	494	77	95	Calm 0	Calm 0	9	10	1.60	
30	30.134	30.125	58.9	58.2	54.9	65.2	456	441	93	91	Calm 0	Calm 0	10	1	—	D ☁ p.
Means	29.927	29.927	56.1	52.2	47.3	62.4	363	350	80.6	88.7	1.0	0.4	8.6	6.8	5.840	

MARGATE.

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

JUNE 1882.

1	—	—	55.7	—	50.6	58.9	302	—	69	—	—	—	10	—	—	Dull, with cold wind.
2	—	—	57.0	—	51.6	67.1	349	—	75	—	—	—	5	—	0.40	Fine day. ☉ in the evening.
3	—	—	66.5	—	55.5	72.5	393	—	60	—	—	—	8	—	0.40	Fine day. ☉ 0 T 5.30p.
4	—	—	59.0	—	49.3	65.2	404	—	81	—	—	—	10	—	—	Sunny, but windy.
5	—	—	56.9	—	48.6	63.7	356	—	77	—	—	—	10	—	—	Fine day.
6	—	—	59.2	—	54.3	60.6	391	—	78	—	—	—	10	—	0.80	
7	—	—	59.0	—	52.2	67.4	365	—	73	—	—	—	3	—	—	Warm at noon. Breezy.
8	—	—	60.8	—	50.1	64.3	345	—	65	—	—	—	10	—	2.70	Frequent ☉ showers.
9	—	—	58.6	—	51.2	61.1	328	—	67	—	—	—	9	—	2.50	Frequent ☉ showers. K.
10	—	—	57.6	—	49.5	59.5	356	—	75	—	—	—	10	—	—	Dull day.
11	—	—	52.9	—	47.9	60.5	252	—	64	—	—	—	5	—	0.50	
12	—	—	51.9	—	47.6	58.7	286	—	75	—	—	—	10	—	—	Fine. Heavy cir. clouds. ☾.
13	—	—	51.3	—	45.9	57.4	231	—	62	—	—	—	7	—	1.20	Dull day. ☉.
14	—	—	56.9	—	46.4	63.6	379	—	82	—	—	—	10	—	—	Dull and windy.
15	—	—	54.2	—	47.4	58.2	285	—	68	—	—	—	10	—	—	Rough sea. Fine day.
16	—	—	54.1	—	47.1	60.7	261	—	63	—	—	—	2	—	0.10	Windy.
17	—	—	60.3	—	47.0	64.1	315	—	61	—	—	—	3	—	2.00	Fine day. ☉ 4p.
18	—	—	53.8	—	51.2	57.3	385	—	93	—	—	—	10	—	3.00	K 6p. ☉.
19	—	—	55.3	—	41.9	62.6	333	—	77	—	—	—	10	—	—	Cold and windy.
20	—	—	59.4	—	49.3	69.5	346	—	69	—	—	—	3	—	—	Fine.
21	—	—	59.0	—	51.6	64.1	388	—	78	—	—	—	10	—	—	Fine.
22	—	—	61.2	—	55.2	68.1	416	—	78	—	—	—	9	—	4.60	Fine a. ☉ 2p.—4p.
23	—	—	60.0	—	50.1	64.5	480	—	93	—	—	—	5	—	—	Fine. Large ☉ 2p.
24	—	—	61.0	—	52.9	63.9	446	—	83	—	—	—	9	—	5.10	Fine day.
25	—	—	56.6	—	54.6	66.5	431	—	94	—	—	—	10	—	—	K 2a. Dull day.
26	—	—	60.0	—	48.9	62.8	386	—	75	—	—	—	10	—	—	Fine day.
27	—	—	62.8	—	49.8	68.7	361	—	64	—	—	—	7	—	—	Fine.
28	—	—	61.8	—	55.0	67.3	421	—	77	—	—	—	5	—	—	Very fine day.
29	—	—	63.2	—	56.6	71.2	457	—	79	—	—	—	9	—	—	Cloudy, but warmer.
30	—	—	56.8	—	52.2	62.4	428	—	92	—	—	—	10	—	—	☁ (mist). Cloudy day.
Means	—	—	58.1	—	50.2	63.7	363	—	74.9	—	—	—	8.0	—	2.330	

JUNE 1882.

STRATHFIELD TURGISS.

Height above Mean Sea Level, 195 feet. Long. 1° 0' W. Lat. 51° 20' N.

JUNE 1882.

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.	55.4	50.7	42.9	65.1	ins.	ins.	70	79	NE 3	NE 2	8	8	ins.	Squally a.
2	30.336	30.229	55.4	50.7	42.9	65.1	293	290	67	79	E 3-4	E 0-1	10	10	—	
3	29.863	29.748	63.5	54.0	46.3	70.9	453	403	78	97	W 1	SW 1	10	5	1.24	Squally 3p.
4	741	762	60.6	53.5	51.7	69.9	464	396	88	97	SW 3	SW 1	8	9	0.84	
5	803	824	58.0	56.0	46.6	62.4	381	419	79	93	SW 3	SW 3	10	10	2.24	Squally p.
6	715	722	56.7	55.2	43.9	65.0	433	388	94	90	SW 1	W 2	10	10	—	
7	767	864	59.7	55.0	48.3	66.3	343	365	67	85	W 3	W 3	8	7	—	Squally p.
8	906	907	53.3	53.6	45.1	60.8	365	397	90	97	W 2	SW 1	10	10	4.73	
9	498	482	49.8	53.0	48.1	62.5	322	348	90	86	SW 3	SW 3	8	10	0.66	Squally a. and p.
10	29.611	29.882	57.8	51.2	50.8	62.6	358	309	75	83	NW 3-4	NW 3	10	7	0.07	
11	30.000	30.001	51.2	51.0	44.0	63.6	309	301	83	81	W 2	SW 3	9	10	—	☀. Squally 3p. T.
12	29.849	29.895	55.4	45.2	44.7	60.2	391	239	90	80	W 2	W 2	8	0	0.95	
13	30.025	29.889	51.7	49.6	38.9	57.1	243	340	64	96	NW 3	SW 3	9	10	1.32	Squally a. and p.
14	29.882	29.762	56.9	54.1	48.1	63.7	336	365	73	87	W 3-4	W 3	10	0	0.18	
15	29.914	30.107	56.7	49.3	44.5	67.0	311	257	68	74	NW 4-3	N 1	9	0	—	Squally a.
16	30.214	30.210	54.1	49.4	37.0	66.5	288	302	69	86	N 1	NW 1	2	0	—	
17	30.160	29.955	59.4	53.6	36.6	66.0	348	307	69	74	SW 2	SW 1	4	8	0.49	☉
18	29.741	29.741	55.9	49.0	48.5	64.2	357	302	80	87	SW 3	W 2	10	7	1.26	
19	801	923	57.2	54.3	47.4	65.9	338	338	72	80	NW 3	NW 3	7	8	—	Squally 3p.
20	905	948	61.5	55.0	48.1	67.2	373	367	69	85	SW 2	W 1	7	0	—	
21	920	874	60.8	56.3	46.5	65.0	430	430	82	95	SW 3	S 2	10	10	1.95	Squally 3p.
22	783	723	58.3	52.9	52.0	60.8	345	370	72	93	S 2	W 2	10	5	2.76	
23	876	954	60.1	53.3	42.3	66.7	338	357	65	88	SW 3	SE 3	4	5	—	T p.
24	968	924	59.5	57.3	45.1	67.2	388	401	77	85	S 2	SE 1	5	10	1.93	
25	29.991	30.071	57.5	54.4	52.2	68.5	427	343	90	81	SW 1	S 1	10	8	—	☐ p.
26	30.018	30.024	63.2	54.7	47.2	70.2	410	388	71	92	SW 1	NW 1	9	9	—	
27	123	169	65.3	57.0	44.0	73.9	397	346	64	74	NW 2	SW 3	5	7	—	T p.
28	204	165	64.8	60.2	53.3	73.2	394	427	64	82	W 3	W 1	10	10	—	
29	171	119	65.8	61.3	55.4	71.8	461	494	73	91	W 1	SE 1	10	8	0.17	☼ a.
30	30.129	30.133	63.8	54.3	49.5	71.8	457	401	77	95	NE 3	NE 1	10	0	—	
Means	29.937	29.922	58.4	53.6	46.6	65.9	370	359	75.7	86.8	2.4	1.0	8.3	6.7	2.079	

ST. LEONARDS.

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

JUNE 1882.

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°6	52°1	47°0	62°6	ins.	ins.	57	83	ENE 5	ENE 6	3	8	ins.	all day.
2	30°291	29°996	55°7	59°5	52°1	61°7	338	438	76	83	ENE 5	ENE 2	10	9	—	Overcast. ☉ after 4p. T p.
3	29°823	29°888	64°6	55°6	55°6	67°1	413	411	68	93	E 1	WSW 4	3	3	0.10	—
4	29°792	29°806	56°3	55°0	54°0	61°2	421	381	92	88	SSW 3	WSW 5	10	10	—	Overcast day.
5	29°895	29°902	55°2	57°4	53°7	59°1	390	395	90	84	SW 6	SSW 5	9	10	—	Overcast, with ☉ all day.
6	29°780	29°758	57°4	55°0	55°0	58°1	387	421	87	97	W 6	SW 2	10	10	0.24	(gale) early a.
7	29°759	29°809	59°6	54°1	53°0	62°3	342	379	68	90	W 3	NW 1	3	0	—	☉ p.
8	29°808	29°700	56°8	53°8	50°1	62°0	377	401	81	96	WSW 2	SW 4	9	10	0.320	Overcast and ☉ a. ☉ at night. ☉ (moderate gale) after 10p.
9	29°500	29°512	56°4	53°6	49°4	59°1	343	355	75	86	WSW 6	W 4	8	9	0.140	—
10	29°559	29°836	57°8	53°2	52°0	61°1	357	311	75	76	NW 4	NW 2	10	5	0.030	—
11	30°010	30°011	56°2	50°6	47°8	60°0	264	285	57	77	NNW 2	WNW 3	1	8	0.019	—
12	29°828	29°864	53°1	47°3	47°3	59°9	321	259	79	80	NW 2	NW 2	9	0	0.031	—
13	29°83	29°08	51°2	50°2	40°3	55°9	225	346	60	96	NW 4	W 4	10	10	0.129	—
14	29°874	29°834	57°0	55°3	50°2	59°4	341	389	73	89	WNW 3	WSW 6	10	2	—	—
15	29°888	30°003	55°7	51°4	49°2	63°3	291	286	65	76	WNW 3	NE 1	10	1	0.030	☉ (gale force in squalls) in past n.
16	30°187	30°236	53°8	53°6	45°2	59°5	302	325	73	78	NNE 2	SSE 2	3	3	—	—
17	30°187	29°982	57°0	56°8	52°8	60°1	325	345	70	75	SSW 3	E 1	2	10	0.073	—
18	29°778	29°683	54°9	50°7	50°7	58°2	322	394	92	88	SSE 2	W 2	10	3	0.026	—
19	29°776	29°925	58°3	55°3	46°8	62°5	332	349	68	80	WNW 4	W 2	9	3	0.040	—
20	29°944	29°984	56°4	56°1	49°4	60°2	377	418	83	92	SW 2	SW 3	10	10	—	Overcast till Noon.
21	29°979	29°927	55°7	56°6	53°9	60°3	410	411	93	89	S 4	S 2	10	10	—	—
22	29°846	29°780	58°7	55°2	55°2	60°7	401	387	81	80	SSE 3	WSW 4	8	5	0.120	—
23	29°926	29°996	58°7	55°6	52°2	61°2	371	386	75	87	SW 4	SSW 1	5	7	0.080	☉ a.
24	30°018	29°929	57°1	58°2	55°6	62°3	416	442	88	91	S 1	W 2	10	10	0.812	—
25	29°023	30°089	56°2	56°2	54°0	61°2	422	394	93	87	SW 1	SW 1	7	2	0.030	☉ p.
26	29°018	29°030	60°7	60°0	52°7	62°8	387	405	73	90	SSE 1	W 2	7	2	—	—
27	29°105	29°146	63°2	57°6	50°0	65°0	377	418	65	87	W 3	WSW 2	0	0	—	Very fine day. ☉ p.
28	29°188	29°209	63°0	59°0	53°8	65°1	431	462	75	91	WNW 1	W 1	10	9	0.010	—
29	29°170	29°122	59°1	57°3	57°3	61°6	409	431	94	91	SW 1	SW 1	10	3	0.010	—
30	30°109	30°106	58°1	57°9	54°6	64°9	465	416	96	86	Calm 0	NE 1	10	0	—	☉ a.
Means	29°942	29°941	57°5	54°9	51°4	61°3	366	376	77°2	86°5	2°9	2°6	7°6	5°7	2°151	—

BABBACOMBE.

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

JUNE 1882.

1	30°228	30°130	52°6	54°6	48°7	57°7	302	308	76	73	E 5	E 5	9	9	0.010	Squally a. ☉ 2p.-3p. Splendid red sunset.
2	29°953	29°980	53°8	53°8	52°0	55°7	351	397	84	95	E 5	Calm 0	10	10	0.080	☉ (mist) ga. ☉ showers till 5p. ☉☉☉ 6p.-Midt.
3	29°870	29°780	53°8	52°0	50°1	61°0	391	366	94	94	NE 1	WSW 3	10	9	0.080	☉ till 5.30a. Wind SSW. 1p.
4	29°695	29°706	56°2	51°8	51°8	61°8	399	345	88	89	SSW 4	WSW 3	10	3	0.030	☉ 6p. ☉ p.
5	29°787	29°753	56°1	54°8	50°9	56°9	385	415	85	96	WSW 5	SW 5	10	10	0.930	—
6	29°721	29°735	54°7	52°9	52°9	63°0	410	370	96	93	WSW 4	SW 2	10	8	0.010	—
7	29°821	29°957	61°0	52°6	49°0	66°0	344	333	64	83	W 3	WSW 2	8	4	—	☉ p.
8	29°923	29°626	56°8	54°2	50°8	58°8	344	394	74	94	WSW 4	W 4	10	9	0.300	☉ at night.
9	29°617	29°617	59°6	51°4	49°1	62°6	318	315	63	83	WNW 5	W 4	7	7	0.010	Squally a.
10	29°744	29°902	58°0	50°8	50°8	64°7	358	280	75	76	NNW 3	NNW 3	9	1	—	—
11	30°157	29°073	55°6	49°8	44°9	58°7	259	296	59	83	NW 4	W 3	5	9	0.020	—
12	29°922	30°013	56°8	46°0	46°0	59°6	261	226	57	74	NW 3	NW 2	3	1	—	—
13	30°129	29°990	52°3	52°3	43°0	57°5	247	339	64	86	NW 3	W 4	9	10	0.030	☉ 0.15p.-0.45p.
14	29°987	29°955	55°8	53°0	52°0	63°6	327	328	73	81	W 5	W 4	10	3	—	—
15	30°036	30°100	56°3	50°9	49°0	64°2	283	302	63	82	NW 4	NW 2	7	0	—	☉ p.
16	29°252	30°239	59°4	50°6	45°9	65°3	313	307	62	83	NNW 2	W 2	3	2	—	☉ n. and p. Fine day. Wind SE. 1p.
17	30°134	29°938	59°1	51°5	42°2	61°9	335	333	67	88	SSW 3	SSW 2	2	10	0.130	☉ 11.30a.-3p.
18	29°751	29°766	56°1	51°8	50°0	61°9	318	317	71	82	W 3	WNW 4	9	4	0.030	—
19	29°923	29°982	58°8	52°8	47°9	64°8	316	318	63	79	WNW 4	WNW 2	7	10	—	—
20	29°921	29°990	58°9	51°5	51°5	67°8	393	313	79	82	WNW 2	SW 2	9	1	0.010	☉ p.
21	29°886	29°856	56°9	54°8	50°9	58°7	412	406	89	94	SW 4	SW 2	10	10	0.410	☉ (mist) a. Wind NNW. 2p.
22	29°736	29°794	51°9	51°3	49°5	60°7	373	335	97	80	ENE 2	WSW 2	10	6	0.400	☉ showers a. ☉ p.
23	29°830	29°900	58°6	52°0	47°0	61°6	360	358	73	92	SSW 4	SSW 3	8	1	0.060	☉ in past night.
24	29°901	29°884	58°6	51°9	51°6	60°7	419	373	85	97	SSE 3	SW 2	8	9	0.540	☉ showers till Noon. ☉ p.
25	29°989	30°050	55°8	53°8	47°6	63°0	399	371	89	89	SSW 2	S 3	8	6	0.190	—
26	29°958	29°945	55°0	52°5	50°9	62°7	384	360	89	91	S 3	WSW 1	10	1	—	☉ p.
27	30°176	29°215	63°9	56°2	47°5	68°9	391	399	66	88	WSW 1	WSW 3	3	10	—	☉ 11a. and 2p.
28	29°236	29°238	60°3	56°8	55°0	66°7	428	443	83	95	W 2	WSW 3	10	10	0.290	☉ nearly all day.
29	29°189	29°141	56°0	57°9	51°2	64°8	433	431	97	90	N 1	NW 1	10	0	—	☉ n. ☉☉☉ ga. Wind E. Noon, SE. 3p.
30	30°134	30°130	62°9	61°0	53°0	70°7	451	436	79	82	NNE 1	NNW 3	5	0	—	☉ a. Wind ESE. 3p., WSW. 4p.
Means	29°952	29°959	57°1	52°9	49°3	62°4	357	350	76°8	86°8	3°2	2°7	8°0	5°8	3°560	—

Observer remarks:—Mean sea temperature, 56°8.

ST. AUBIN'S, JERSEY.

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

JUNE 1882.

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°3	56°8	52°2	60°8	ins.	ins.	70	78	NE 5	NE 4	2	10	ins.	all day, force 6-7 at times.
2	30°139	30°048	55°0	56°6	54°1	64°0	375	364	87	93	ENE 4	Calm 0	10	8	0.011	☉ n. Gloomy a. Fair p.
3	29°916	29°999	55°0	56°6	54°1	64°0	375	420	87	93	ENE 4	Calm 0	10	10	0.557	☉☉☉ n. and a. ☉☉☉ showers till 4p.
4	29°899	29°872	55°3	55°1	51°7	59°1	432	417	99	96	Calm 0	Calm 0	10	10	0.024	Very cloudy. ☉ p.
5	29°822	29°922	63°1	54°0	53°8	63°2	445	368	77	88	S by E 2	W 2	8	2	0.037	Gloomy and overcast. Cool breeze.
6	29°989	29°967	59°0	58°0	53°7	64°0	391	388	78	80	W by S 3	SSW 3	9	10	0.347	Day very gloomy.
7	29°828	29°833	58°2	55°8	55°4	62°2	407	414	84	93	WSW 3	Calm 0	10	10	0.423	Day gloomy and sunless.
8	29°896	30°026	58°9	53°6	51°3	62°7	392	369	78	90	NW 2	WNW 2	7	0	0.080	Cold breeze. Fine.
9	30°042	29°783	57°0	55°3	52°0	58°8	377	420	81	98	W 3	SW 4	10	10	0.080	Day cloudy. Very fine p.
10	29°699	29°665	58°5	54°0	52°0	61°7	392	347	79	83	W 5	W 3	5	9	0.018	Fine. Cloudy at times. Cold breeze.
11	29°769	30°001	59°0	55°5	51°5	63°5	413	338	83	76	NW 3	NW 2	9	6	0.330	☉ a. Fine p. ☴ later p.
12	30°187	29°184	57°0	53°3	48°0	59°9	267	303	58	74	NW 2	W 2	7	9	0.006	☉☉ a. Fine p. ☴ later p.
13	29°005	29°021	56°5	48°0	47°0	59°0	335	237	67	71	W 3	N 2	5	3	0.006	Gloomy and sunless. Cold wind.
14	29°178	29°120	56°5	53°3	45°1	58°7	374	318	60	78	NW 3	WhyN 3	5	10	0.003	Extremely fine. Cold breeze. ☉ p.
15	29°106	29°077	56°5	55°3	52°7	59°0	358	380	78	87	NW 3	WhyN 4	10	10	—	☉ a. Day cloudless, cool, and very dry.
16	29°113	29°190	60°0	52°0	51°5	63°7	339	335	65	86	NW 3	NW 1	6	0	—	☉ a. Day cloudless, cool, and very dry.
17	29°262	29°278	60°0	51°0	50°0	62°8	299	292	58	78	NE 2	NNE 2	1	0	—	Extremely fine till 3p., then overcast.
18	30°204	30°001	59°4	58°0	47°3	66°2	326	350	64	73	S by E 2	Calm 0	1	10	—	☉☉☉ n. and a. ☉☉☉ showers till 4p.
19	29°781	29°873	56°0	52°8	52°0	61°5	375	348	83	87	SW 3	NW 2	10	4	0.042	Cloudy a. Cold breeze. Very fine p.
20	29°991	30°072	59°8	54°8	52°1	63°8	346	343	67	80	WhyN 3	W 2	3	10	0.026	☉☉☉ n. and a. ☉☉☉ showers till 4p.
21	29°999	30°079	61°1	55°3	52°3	65°0	447	392	83	89	W 2	W 2	9	10	0.007	☉☉☉ n. and a. ☉☉☉ showers till 4p.
22	30°036	29°957	58°0	58°2	53°9	66°1	427	418	88	86	SW 2	SW 2	10	10	0.220	Bar. rose from noon. ☉ p.
23	29°833	29°873	56°3	52°6	52°6	59°0	424	337	93	85	S 3	WhyN 1	10	2	0.188	☉☉☉ n. and a. ☉☉☉ showers till 4p.
24	29°934	29°984	60°0	54°3	51°0	62°0	382	384	74	91	S 2	SSW 1	9	3	0.160	☉☉☉ n. and a. ☉☉☉ showers till 4p.
25	29°985	29°959	59°0	55°0	53°9	62°1	422	427	85	99	S by E 2	S by E 3	10	10	0.195	☉☉☉ n. and a. ☉☉☉ showers till 4p.
26	30°066	30°110	60°2	57°6	54°0	66°0	443	364	79	77	SW 3	SW 2	3	2	0.001	Very fine till 3p. Wind SE. p.
27	29°030	29°108	58°2	54°2	52°7	61°2	424	375	87	89	S by E 3	WhyN 2	9	2	0.191	☉☉☉ n. and a. ☉☉☉ showers till 4p.
28	29°241	29°290	63°0	57°0	53°0	65°0	443	414	77	89	NW 3	Calm 0	5	9	—	Very fine. Hot sun a. ☉ p.
29	29°307	29°292	60°4	57°5	54°2	63°3	453	452	87	96	W 1	Calm 0	10	10	0.185	☉ a. Very gloomy.
30	29°235	29°184	59°8	57°3	55°2	64°8	451	401	88	85	NW 1	NNE 1	10	9	0.002	☉ a. ☉☉☉ n. and a. ☉☉☉ showers till 4p.
30	30°150	30°129	63°2	58°2	52°2	67°7	469	448	81	92	NW 1	NNW 2	9	4	—	☉ a. ☉☉☉ n. and a. ☉☉☉ showers till 4p.
Means	30°024	30°030	58°0	55°0	51°0	62°6	388	373	77°9	85°6	2°6	1°8	7°4	6°7	3°103	

MARKREE CASTLE, SLIGO.

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

JUNE 1882.

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.	63.0	53.1	39.5	70.4	ins.	ins.	59	75	Calm	0	0	10	ins.	
2	30.316	30.221	55.2	53.2	49.6	58.4	30.3	30.3	70	83	ESE	3	SE	1	10	0.08
3	30.034	29.884	55.2	53.2	49.6	58.4	30.3	30.3	70	83	ESE	3	SE	1	10	0.034
4	29.808	29.630	58.2	58.0	52.3	67.0	30.3	30.3	81	79	SE	2	SSE	2	10	0.208
5	433	470	58.7	48.1	47.1	63.0	38.7	29.4	79	88	SE	3	SSE	1	10	0.134
6	403	431	55.1	52.1	38.9	63.4	35.1	35.0	81	80	SE	2	SSE	2	10	0.421
7	322	475	54.1	52.6	50.3	59.4	33.6	37.7	81	95	SSW	4	Calm	0	10	0.180
8	729	817	54.3	52.1	50.1	58.9	33.4	33.7	80	86	NW	3	Calm	0	10	0.230
9	603	421	53.6	51.2	48.3	63.4	36.9	32.5	90	86	SSW	3	WNW	2	10	0.132
10	445	29.682	53.6	53.1	46.5	56.8	31.7	37.0	77	91	NW	4	N	2	10	0.080
11	29.985	30.165	51.4	55.3	47.5	57.4	34.6	28.2	91	65	N	4	N	2	10	0.342
12	30.103	30.049	51.9	48.1	45.6	55.6	28.6	26.6	75	79	NNW	1	NNW	3	10	0.131
13	30.021	30.130	48.5	45.1	39.6	52.8	24.5	25.4	72	85	NNW	4	NNW	2	5	0.379
14	29.929	29.826	49.1	53.1	41.6	55.4	33.9	39.9	97	98	Calm	0	WNW	2	10	0.151
15	29.710	29.770	51.1	50.3	47.6	55.9	34.7	32.1	92	88	WNW	4	WNW	4	10	0.039
16	30.069	30.240	53.9	45.6	44.6	57.2	27.2	25.4	66	83	WNW	4	Calm	0	10	0.310
17	30.235	30.083	55.1	51.7	33.0	61.6	29.4	29.6	69	77	WSW	2	Calm	0	8	0.080
18	29.812	29.661	52.1	50.3	48.1	61.4	36.3	35.4	93	97	S	1	NW	2	10	0.070
19	621	790	52.1	51.6	45.3	61.4	31.4	32.0	80	83	WNW	4	NW	3	10	0.256
20	887	826	55.6	53.1	49.3	60.4	32.7	35.1	74	86	NW	2	Calm	0	10	0.016
21	845	597	54.1	50.9	48.9	58.6	31.1	35.9	75	97	Calm	0	SSE	3	10	0.026
22	696	701	53.2	47.3	46.7	62.4	32.2	29.9	80	92	Calm	0	Calm	0	10	0.078
23	659	631	56.4	48.7	43.7	62.1	31.9	30.6	70	89	S	2	Calm	0	10	0.379
24	611	694	55.1	49.1	40.5	63.4	31.7	31.6	74	91	SSE	2	SSE	2	10	0.082
25	742	781	59.0	51.6	45.8	62.4	34.4	34.8	69	91	SSE	4	Calm	0	10	0.055
26	821	29.887	58.6	49.1	48.3	63.4	33.7	32.6	69	93	S	2	Calm	0	6	0.050
27	29.927	30.018	59.0	53.2	45.7	65.2	37.7	37.4	76	93	ESE	2	Calm	0	7	0.010
28	80.110	043	62.0	58.0	41.3	69.4	46.2	41.8	83	86	ESE	2	Calm	0	4	0.121
29	110	169	58.0	64.1	54.1	64.5	42.4	37.3	88	89	Calm	0	Calm	0	10	0.175
30	199	166	64.5	58.0	52.3	70.4	41.7	40.4	69	83	Calm	0	Calm	0	10	0.177
Means	29.845	29.847	55.9	51.8	45.9	61.8	34.6	33.7	77.6	87.0	2.1	1.2	8.9	8.1	3.896	

DUBLIN.

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

JUNE 1882.

1	30°35.2	30°21.6	62.9	57.1	50.9	65.0	29.3	35.0	51	75	E	2	E by N 4	0	7	—	Cloudless n. and a., then much cir. from [SSW.]	
2	30°09.3	29°94.0	55.0	55.0	51.1	60.0	32.3	37.5	75	87	E	4	SE	4	9	9	120	Overcast a. a. and p. 2 p.m.
3	29°86.0	29°68.4	58.9	58.0	53.9	64.6	30.5	41.5	79	86	ESE	1	S	1	10	6	020	Overcast a. Warm p.
4	503	567	58.8	51.2	51.1	64.1	30.7	31.1	80	83	S	3	WSW	2	9	2	293	Cloudy a. Bar. 29.480 2p. 2 showers a. Warm p. 2 showers a. Warm p. (at the Curragh.)
5	498	526	58.1	57.3	48.1	65.8	37.6	35.3	77	75	SSE	2	SW	4	8	9	110	2 showers a. Warm p. 2 showers a. Warm p. (at the Curragh.)
6	479	533	61.1	54.0	53.9	63.5	33.3	32.2	62	77	SW	5	W	6	6	4	108	2 showers a. Warm p. 2 showers a. Warm p. (at the Curragh.)
7	706	845	58.0	55.4	51.2	62.7	34.7	34.5	72	79	WNW	3	WNW	3	8	7	040	6p. (at the Curragh.)
8	722	436	56.1	53.4	50.3	61.0	33.9	31.6	74	77	SW	3	W	5	10	2	030	Dull and mild. Squally a. and p.
9	430	29.577	55.2	54.9	47.2	58.7	30.8	37.9	71	89	WNW	4	N	4	7	8	130	Dull and cool. Squally a. and p. 2 showers.
10	29°86.8	30°11.2	59.0	49.4	49.2	59.7	33.0	23.3	66	66	N by W 5	N by W 4	6	1	0.010	a. and p. Very fine and bright p.		
11	30°11.0	29°94.2	53.0	48.5	43.9	58.6	27.9	30.8	70	90	W by N 4	WNW 4	9	10	0.120	a. and p. 5p. 2 p.m. from 7p.		
12	29°96.3	30°06.4	50.5	47.9	43.4	54.3	22.4	22.5	61	68	NNW 5	NNW 4	4	0	0.042	a. and p. 2 noon. 2 a.m. Clear and cold evening.		
13	30°03.0	29°83.8	48.2	54.2	40.4	55.5	25.7	39.1	77	93	Why S 4	W 5	10	10	0.130	Very cold n. Overcast a. a. and p. 2 showers a. Warm p. 2 showers a. Warm p. (at the Curragh.)		
14	29°70.5	29°78.0	55.6	52.3	51.9	61.3	30.6	26.2	89	67	W	7	WNW	7	10	5	011	Squally n., a. and p. Milder a. [p. 2 showers a. Warm p. 2 showers a. Warm p. (at the Curragh.)
15	30°02.8	30°20.1	55.3	53.0	48.7	61.5	32.1	27.5	73	69	N by N 3	NW 2	5	3	—	a. and p. 2 a.m. Very fine p.		
16	30°26.7	30°15.6	53.3	53.5	41.8	59.1	24.0	31.9	59	78	WNW 2	SSE 2	4	5	—	11.30a. and 1p. 2 showers a. Warm p. 2 showers a. Warm p. (at the Curragh.)		
17	29°94.6	29°67.8	53.7	54.9	51.4	56.3	30.3	36.4	73	85	SW	4	W	2	10	3	060	Very dull all day. 2 showers a. Warm p. 2 showers a. Warm p. (at the Curragh.)
18	638	736	51.2	51.1	49.2	56.5	32.8	32.8	87	87	Why N 3	NW 3	8	7	0.226	Bright and cool early a. Very fine day. 2 showers a. Warm p. 2 showers a. Warm p. (at the Curragh.)		
19	865	864	57.6	56.1	46.2	63.3	32.4	33.7	69	74	NW	4	W	2	5	10	030	Bright and cool early a. Very fine day. 2 showers a. Warm p. 2 showers a. Warm p. (at the Curragh.)
20	855	741	56.0	55.9	52.8	62.9	40.8	36.2	91	81	WNW 3	SSW 3	10	10	0.070	Dull a. 2 showers a. Warm p. 2 showers a. Warm p. (at the Curragh.)		
21	726	760	54.7	56.0	52.9	61.6	30.9	34.0	72	75	WNW 3	SW 2	8	7	0.054	a. Cloudy. Cir. from SW. 2 showers a. Warm p. 2 showers a. Warm p. (at the Curragh.)		
22	709	674	55.1	53.5	50.5	60.4	35.8	32.1	82	78	SE	2	SSW	2	6	2	081	2 shower 9.30a. T ² 11.35a. [“Festooned” nimbus p.]
23	687	776	56.4	53.5	47.8	61.5	30.3	34.0	66	83	SSW	2	S	2	4	2	386	Bright early a. Distant T 11.15a. 2 showers a. Warm p. 2 showers a. Warm p. (at the Curragh.)
24	825	828	53.9	53.4	51.1	62.2	37.0	37.4	89	91	SE by S 2	SSE 3	9	8	0.179	2 showers a. 3p. 2 p.m.		
25	883	29°94.7	59.3	55.1	50.7	64.5	34.1	35.6	68	82	SW 1 3	SSE 3	4	3	0.071	Very fine day. Cir. fast from SSE. 2 showers a. Warm p. 2 showers a. Warm p. (at the Curragh.)		
26	29.943	30.047	55.1	55.2	53.1	62.5	30.9	37.6	91	87	SE	3	SE	2	10	0	020	2 a.m.—9a., then brilliantly fine.
27	30°11.9	077	62.9	59.0	47.9	65.6	41.5	40.7	72	82	E by S 2	S	1	1	9	0.010	2 showers a. Warm p. 2 showers a. Warm p. (at the Curragh.)	
28	129	175	63.5	60.8	55.7	67.4	40.8	41.6	69	79	W	4	WNW 1	6	6	0.031	2 showers a. Warm p. 2 showers a. Warm p. (at the Curragh.)	
29	189	172	60.2	60.5	51.6	65.9	44.0	42.5	85	89	E	1	ESE	1	7	3	—	0 (mist) a. Brilliant p.
30	30°16.8	30°14.4	65.5	61.4	54.2	68.5	40.4	45.6	70	84	E	1	Calm	0	0	1	—	a. Warm.
Means	29°87.7	29°86.8	56.8	54.7	49.7	61.8	34.3	34.6	74.0	80.3	3.1	2.9	6.8	5.3	2.384			

BIRR CASTLE, PARSONSTOWN.

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

JUNE 1882.

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.	63.0	53.1	39.5	70.4	ins.	ins.	59	75	Calm	0	0	10	ins.	
2	30.312	30.185	55.2	53.2	49.6	58.4	30.3	30.3	70	83	ESE	3	SE	1	10	0.08
3	30.034	29.884	55.2	53.2	49.6	58.4	30.3	30.3	70	83	ESE	3	SE	1	10	0.034
4	29.808	29.630	58.2	58.0	52.3	67.0	30.3	30.3	81	79	SE	2	SSE	2	10	0.208
5	433	470	58.7	48.1	47.1	63.0	38.7	29.4	79	88	SE	3	SSE	1	10	0.134
6	403	431	55.1	52.1	38.9	63.4	35.1	35.0	81	80	SE	2	SSE	2	10	0.421
7	322	475	54.1	52.6	50.3	59.4	33.6	37.7	81	95	SSW	4	Calm	0	10	0.180
8	729	817	54.3	52.1	50.1	58.9	33.4	33.7	80	86	NW	3	Calm	0	10	0.230
9	603	421	53.6	51.2	48.3	63.4	36.9	32.5	90	86	SSW	3	WNW	2	10	0.132

DUNROBIN CASTLE.

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

JULY 1882.

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.	56.5	57.4	56.6	58.5	ins.	ins.	78	80	E	E	—	—	ins.	Fine and clear.
2	30.023	29.982	56.5	57.4	56.6	58.5	358	420	78	80	E	E	—	—	ins.	Fine and clear.
3	30.071	29.971	56.4	58.2	54.4	64.9	463	418	89	86	E	NE	—	—	ins.	Dull.
4	30.074	29.974	57.4	59.4	53.6	63.4	415	446	88	89	NW	W	—	—	ins.	Dull.
5	30.074	29.974	55.3	54.6	66.5	50.3	414	83	95	94	SW	E	—	—	ins.	Fine a. Dull p.
6	30.074	29.974	54.5	51.6	57.4	412	396	94	94	94	N	N	—	—	ins.	Dull a. Fine p.
7	30.074	29.974	54.5	52.1	59.9	402	374	80	88	88	E	SE	—	—	ins.	Dull.
8	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Fine and sunny.
9	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Fine.
10	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Fine. Dull p.
11	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Dull a. Fine p.
12	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Fine and warm.
13	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Dull.
14	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Dull and cloudy.
15	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Fine a. Dull p.
16	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Fine and breezy.
17	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Fine and breezy a. showers p.
18	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Half-clouded a. Fine p.
19	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Dull.
20	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Dull all day.
21	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Fine, clear, and warm.
22	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Fine a. Dull p.
23	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Dull all day.
24	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Dull.
25	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Fine.
26	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Fine.
27	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Fine.
28	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Fine.
29	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Fine.
30	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Fine.
31	30.074	29.974	54.5	52.8	64.6	379	387	70	95	95	W	NE	—	—	ins.	Fine a. Dull, with p.
Means	29.656	29.666	59.3	56.4	51.0	63.5	396	398	79.0	87.5	—	—	—	—	4.250	

BRAEMAR.

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

JULY 1882.

1	30.019	30.019	63.6	58.6	43.1	67.8	*422	*458	72	93	E	0.5	E	1	6	7	*870	T	● Noon—5p.
2	29.986	29.967	61.6	58.2	50.4	69.5	*398	*390	73	80	NW	1	SW	1	4	7	*070		
3	*868	*685	54.3	58.4	52.5	59.7	*370	*439	88	90	W	1	W	1	10	9	*100	Fair a.	● p.
4	*494	*381	56.3	56.3	56.2	62.7	*424	*430	93	95	SW	4	SW	2	9	9	*220	● showers.	
5	*315	*236	56.1	55.9	52.4	60.8	*427	*381	94	92	SW	1	SW	0.5	9	8	*410	● showers.	
6	*150	*113	56.2	51.5	50.4	59.7	*350	*355	77	94	SW	2	SW	1	8	8	*090	● showers.	
7	*101	*149	49.6	51.3	43.4	55.7	*327	*332	93	88	SW	0.5	SW	0.5	10	9	*250	2	
8	*250	*361	56.8	52.2	45.6	64.3	*394	*330	85	84	SW	1	SW	0.5	6	7	*060	T	
9	*372	*471	58.9	51.9	42.3	60.3	*223	*306	45	80	SW	2	W	2	4	6	*100	● showers.	
10	*495	*558	59.2	47.5	62.3	*333	*321	70	82	SW	1	SW	0.5	7	4	*020	● showers.		
11	*532	*610	57.3	52.2	45.0	62.0	*331	*363	71	93	SW	0.5	SE	0.5	5	6	*090	● showers.	
12	*714	*781	55.5	51.8	42.2	61.5	*352	*356	80	92	SE	0.5	SE	1	8	8	*210	⊞ ²	2p.—4p.
13	*646	*401	52.2	54.7	43.3	57.5	*335	*393	86	92	SW	2	SE	2	9	9	—	⊞ ²	2p.—4p.
14	*354	*439	59.4	55.2	48.2	65.5	*363	*360	71	83	SW	1	SW	1	8	7	*160	0	showers.
15	*220	*264	57.2	55.2	52.6	65.5	*425	*342	91	79	SW	2	SW	4	10	6	*400	●	
16	*317	*420	54.0	55.2	51.0	65.2	*322	*360	77	83	SE	4	S	4	8	6	*060	Dark.	
17	*548	*555	56.0	54.5	52.4	60.9	*329	*318	73	75	SW	4	SW	1	7	7	*080		
18	*508	*527	57.8	52.2	50.5	59.3	*332	*325	70	83	SW	4	SW	3	5	6	*130	Fair a.	⊞ 4p.
19	*537	*714	55.7	51.5	47.9	59.3	*351	*305	79	80	SW	4	SW	3	9	6	*050	● showers.	
20	*765	*860	53.2	51.3	49.2	59.3	*203	*290	72	77	SW	4	SW	3	6	6	*070	● showers.	
21	*778	*674	52.0	52.9	43.3	54.5	*393	*390	83	98	SW	2	SW	0.5	8	8	*020	● showers.	
22	*581	*496	53.5	53.7	47.5	62.3	*359	*373	88	90	SW	2	SW	0.5	6	7	—		
23	*433	*423	55.7	47.7	41.3	57.5	*317	*301	72	92	SW	2	S	1	4	8	*560	Fair a.	T
24	*397	29.616	52.5	51.1	45.5	61.5	*342	*365	87	97	S	0.5	SW	1	8	7	*050	● a. Fine p.	
25	29.772	30.036	52.1	49.7	46.3	58.7	*298	*326	77	92	SW	1	NE	1	7	7	*020	● showers.	
26	50.246	*321	51.5	51.5	44.3	61.5	*273	*335	73	88	NW	1	NE	0.5	9	4	—		
27	*239	*165	50.5	54.7	42.0	56.3	*293	*393	80	92	W	3	SW	1	6	8	*090	● showers.	
28	*201	*229	61.6	58.4	47.9	72.3	*384	*360	71	74	W	0.5	W	0.5	3	2	—	Fine and clear.	
29	125	*056	59.1	55.5	45.0	66.3	*348	*358	70	81	SW	2	SW	2	7	8	—	Fine and clear.	
30	29.982	*078	54.6	51.8	51.8	62.1	*317	*393	75	79	SW	2	SW	2	6	7	*020	0	showers.
31	30.101	30.051	54.5	51.7	46.3	57.7	*299	*352	71	92	SW	2	SW	0.5	7	9	*190	Fair a.	● p.
Means	29.647	29.666	55.7	53.4	47.4	61.6	*343	*355	77.6	86.8	1.9	1.4	7.1	7.0	4.390				

LAUDALE.

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

JULY 1882.

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.	62.3	58.0	50.0	67.6	ins.	ins.	78	80	W	1	Calm	0	1	10	ins.	[0 p.
2	30.071	30.049	62.3	58.0	50.0	67.6	.455	.457	82	94	W	1	Calm	0	1	10	.010	Tree-shaped cir. NW. to S. a.
3	30.031	30.033	61.5	57.8	57.0	64.9	.463	.369	85	77	Calm	0	SW	2	10	10	.280	Dark and gloomy with (mist).
4	29.849	29.671	57.4	58.7	56.0	61.3	.429	.472	91	96	S	3	Calm	0	10	10	2010	(mist) a. and p.
5	.503	.418	59.7	56.0	52.0	65.3	.413	.391	81	87	SW	2	SW	2	9	10	.230	(mist) a. and p.
6	.316	.258	57.0	55.0	53.0	64.6	.405	.375	87	87	Calm	0	SW	1	10	9	.340	(mist) a. and p. Open and red to NW. p.
7	.154	.106	58.1	55.0	50.1	61.2	.371	.403	77	93	SW	1	SW	2	9	8	.050	(mist) a. and p. Moon looked as if cut in two gp.
8	.135	.185	57.0	53.7	48.0	62.6	.408	.361	88	87	Calm	0	NW	1	9	2	—	(mist) a.
9	.292	.362	60.0	53.8	47.3	62.8	.377	.383	73	92	Calm	0	Calm	0	3	8	.070	showers all day.
10	.307	.484	61.8	54.1	54.0	63.0	.364	.346	66	83	SSE	2	Calm	0	8	2	.260	(mist) a.
11	.533	.580	58.4	55.1	51.2	63.1	.380	.348	78	80	SW	1	Calm	0	5	1	—	Frequent T during day.
12	.659	.621	59.1	57.2	55.1	63.8	.387	.403	77	86	Calm	0	Calm	0	4	8	—	∞ p.
13	.765	.700	62.1	54.0	54.0	62.1	.398	.360	72	86	W	1	Calm	0	4	5	.190	∞ a. and p.
14	.546	.343	56.0	58.4	51.8	61.4	.391	.445	87	91	SSW	6	SW	2	10	10	.300	showers p.
15	.330	.303	59.6	57.5	55.4	67.0	.440	.399	86	84	S	1	SW	4	10	10	.620	showers p.
16	.137	.228	60.9	59.0	57.0	68.0	.485	.404	91	81	SW	1	SW	3	8	6	.290	showers p.
17	.190	.411	57.2	57.4	53.4	65.8	.428	.406	91	86	SW	6	Calm	0	10	10	.320	Wind changed W. to SW. a.
18	.568	.473	55.6	55.0	53.0	63.4	.369	.406	83	94	W	2	W	3	10	10	.470	(mist) p.
19	.492	.447	57.2	55.8	52.0	61.1	.403	.342	86	76	S	2	SW	4	10	8	.520	(mist) a. and p.
20	.647	.706	56.2	57.0	52.2	62.0	.383	.346	85	74	SW	5	W	4	7	6	.260	(mist) a. and p.
21	.808	.898	56.2	53.4	53.1	60.2	.362	.347	80	85	W	5	Calm	0	8	2	.270	(mist) a. and p.
22	.759	.681	56.0	53.0	48.8	58.8	.360	.380	80	94	SSE	3	Calm	0	10	10	.060	(mist) a. Dull and gloomy. [N.p.
23	.552	.513	59.2	53.0	51.1	61.0	.373	.327	74	81	S	2	Calm	0	10	8	.330	Dull and gloomy. Black clouds to E. and
24	.374	.329	52.9	51.5	49.9	58.7	.326	.305	82	96	Calm	0	SSW	2	10	10	.300	(mist) a. and p. Dull and gloomy.
25	.404	.296	58.1	53.0	50.1	62.8	.369	.380	77	94	NW	2	Calm	0	8	10	.150	showers. Dark and gloomy.
26	29.846	30.081	56.0	53.1	51.5	61.0	.353	.370	78	91	NW	2	NW	1	8	7	—	a. Dark clouds from N. with white clouds from W. behind them a.
27	30.280	.318	56.5	54.9	47.5	64.8	.368	.303	80	70	Calm	0	SW	1	8	10	.040	Large 3p.
28	.167	.184	53.2	58.0	51.9	60.0	.344	.421	85	87	S	8	Calm	0	10	10	.340	(mist) a. and p.
29	.275	.211	58.8	59.2	52.0	63.8	.433	.433	88	87	Calm	0	Calm	0	9	10	—	(mist) a. and p. Dull and gloomy.
30	.165	.018	59.0	67.2	52.0	63.2	.410	.431	83	92	Calm	0	Calm	0	10	10	.040	Day dark and gloomy. p.
31	.056	.160	56.1	55.0	52.0	61.0	.364	.349	80	81	W	3	W	1	10	10	.050	Dark and gloomy, with
Means	30.103	30.010	54.4	56.0	52.0	56.5	.364	.428	86	95	SW	1	Calm	0	10	10	1.020	(mist) a. and p. Wind squally. [Gloomy.
Means	29.660	29.664	57.9	55.7	52.1	62.7	.393	.385	81.9	86.7	1.9	1.1	8.3	8.1	8.820			

ROTHESAY.

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

JULY 1882.

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° 8'	59° 9'	59° 2'	74° 0'	ins.	ins.	67° 95'	67° 95'	ESE	Calm	—	—	ins.	Hot. Large ☉.
2	30° 102	30° 077	66° 8'	59° 9'	59° 2'	74° 0'	ins.	ins.	67° 95'	67° 95'	WNW	W	—	—	ins.	
3	29° 936	29° 745	57° 9'	59° 9'	54° 1'	60° 7'	468	409	80	89	S	SSW	—	—	1336	Dull, with ☉.
4	556	464	57° 0'	56° 5'	53° 6'	64° 1'	477	445	99	98	WSW	Calm	—	—	065	☉ a. Fair p.
5	350	285	59° 4'	55° 0'	53° 1'	65° 6'	455	395	91	91	SW	WNW	—	—	020	☉ showers.
6	217	140	57° 9'	54° 0'	51° 1'	61° 7'	414	382	86	92	SW	W	—	—	032	☉ showers.
7	136	216	60° 4'	56° 0'	46° 4'	65° 1'	418	411	80	91	WSW	Calm	—	—	—	☉ showers.
8	317	398	59° 9'	56° 0'	46° 1'	68° 0'	439	422	86	94	SE	SW	—	—	085	☉ showers.
9	414	518	59° 7'	55° 5'	51° 6'	63° 6'	464	423	91	96	S	Calm	—	—	010	☉ showers.
10	565	619	61° 9'	55° 3'	50° 3'	67° 3'	457	408	83	93	NW	WSW	—	—	—	Fine. ☉
11	601	644	60° 9'	56° 9'	47° 1'	70° 0'	411	409	78	89	N	NW	—	—	—	Fine.
12	791	794	61° 9'	55° 0'	49° 1'	68° 0'	414	406	76	94	NW	Calm	—	—	500	Fine.
13	600	330	55° 5'	55° 6'	49° 1'	68° 0'	441	443	100	100	SE	S	—	—	460	Dull, with ☉.
14	306	387	59° 1'	56° 5'	51° 6'	68° 5'	466	457	93	100	SSW	E	—	—	430	Breezy and mild.
15	199	231	60° 4'	57° 4'	54° 1'	68° 5'	526	447	100	95	S	SE	—	—	165	Fine.
16	257	501	57° 4'	55° 5'	53° 1'	65° 6'	459	429	97	98	SSE	SW	—	—	186	Fine.
17	633	520	57° 9'	55° 5'	51° 6'	65° 3'	397	441	83	100	SW	SE	—	—	370	☉ p.
18	587	588	58° 9'	52° 3'	49° 6'	63° 1'	435	385	88	99	S	S	—	—	385	Fair a. ☉ p. T 3p. and 7p.—8p.
19	682	804	56° 0'	52° 5'	50° 1'	62° 1'	394	373	88	95	WSW	SW	—	—	785	☉ showers.
20	896	962	56° 5'	54° 0'	50° 6'	63° 1'	387	394	85	94	S	SSW	—	—	330	Breezy and fine. ☉ 8p.
21	824	711	53° 6'	54° 0'	49° 4'	60° 7'	409	394	99	94	SE	Calm	—	—	235	☉ a. Fair p.
22	619	554	56° 6'	54° 0'	50° 7'	64° 1'	414	403	90	97	SSW	Calm	—	—	075	☉ 5a.
23	412	339	60° 4'	53° 2'	49° 6'	62° 0'	435	391	84	97	SSE	SE	—	—	585	☉ showers. T to S. 10a. to SW. p.
24	495	297	56° 2'	54° 0'	47° 1'	64° 1'	408	394	90	94	W	NW	—	—	106	
25	297	300	56° 6'	54° 0'	44° 7'	64° 4'	375	355	81	85	NW	NW	—	—	120	Breezy and fine.
26	307	309	59° 9'	55° 0'	44° 1'	67° 0'	373	406	73	94	N	Calm	—	—	130	Breezy and warm. ☉.
27	316	218	53° 5'	57° 1'	49° 4'	59° 0'	373	464	91	99	SE	SW	—	—	130	Blow and dull.
28	305	297	59° 9'	56° 5'	51° 4'	64° 6'	454	430	89	94	SW	W	—	—	142	Cloudy.
29	206	096	59° 9'	58° 1'	53° 1'	67° 0'	430	456	84	94	WSW	SSW	—	—	142	Fine.
30	072	203	54° 5'	52° 5'	50° 6'	62° 6'	414	359	98	91	W	NW	—	—	150	Fine.
31	30223	30062	56° 0'	57° 4'	48° 6'	58° 0'	422	472	94	100	SW	SW	—	—	216	Dull with ☉.
Means	29° 704	29° 707	58° 7'	55° 5'	50° 5'	65° 1'	431	420	87° 8'	94° 9'	—	—	—	—	8° 018	

PINMORE.

Height above Mean Sea Level, 187 feet. Long. 4° 59' W. Lat. 55° 14' N.

JULY 1882.

1	30° 111	30° 086	60° 0'	58° 0'	48° 2'	72° 9'	335	410	64	85	S	S	—	—	—	
2	30° 049	30° 095	63° 0'	56° 4'	53° 0'	69° 9'	431	402	75	89	NW	NW	—	—	—	
3	29° 974	29° 794	54° 9'	59° 0'	53° 0'	62° 1'	340	424	80	86	S	S	—	—	610	
4	593	493	57° 5'	58° 5'	57° 0'	65° 0'	416	432	88	89	S	S	—	—	250	
5	347	298	57° 5'	55° 4'	55° 0'	65° 0'	431	416	91	95	S	S	—	—	040	
6	245	154	57° 0'	50° 3'	50° 1'	64° 1'	422	334	91	92	SW	SW	—	—	—	
7	150	284	58° 5'	52° 8'	45° 3'	65° 0'	377	366	77	91	SW	S	—	—	050	
8	322	305	63° 0'	52° 8'	50° 1'	66° 0'	377	340	65	85	W	W	—	—	080	
9	416	530	57° 0'	53° 9'	52° 0'	63° 1'	422	364	91	88	SW	W	—	—	030	
10	568	618	58° 0'	50° 8'	50° 6'	65° 0'	410	340	85	91	SW	SW	—	—	—	
11	587	644	60° 6'	55° 9'	50° 1'	64° 5'	433	423	82	95	S	SE	—	—	380	
12	767	844	61° 1'	56° 4'	52° 5'	65° 0'	398	431	75	95	N	W	—	—	480	
13	578	395	57° 0'	55° 4'	53° 0'	58° 1'	453	416	97	95	S	S	—	—	610	
14	398	400	59° 0'	57° 0'	53° 0'	65° 0'	410	422	83	91	W	SE	—	—	510	
15	183	255	63° 0'	55° 9'	55° 0'	65° 0'	462	395	80	89	S	S	—	—	160	
16	269	566	58° 0'	55° 9'	55° 0'	64° 5'	424	395	88	89	S	S	—	—	030	
17	631	582	59° 5'	55° 9'	53° 0'	63° 1'	339	423	67	95	S	S	—	—	390	
18	568	566	58° 0'	55° 4'	51° 0'	61° 1'	439	388	91	89	S	S	—	—	300	
19	716	860	56° 4'	53° 9'	53° 0'	64° 1'	349	378	77	91	S	SW	—	—	100	
20	922	946	58° 0'	53° 9'	50° 1'	64° 1'	357	378	74	91	SW	SW	—	—	480	
21	826	718	56° 4'	55° 9'	52° 0'	64° 1'	431	395	95	89	S	S	—	—	050	
22	621	567	56° 7'	52° 8'	52° 0'	64° 1'	384	366	84	91	W	W	—	—	040	
23	416	317	56° 4'	51° 8'	51° 0'	62° 1'	375	328	83	85	S	S	—	—	300	
24	524	297	55° 4'	51° 3'	49° 6'	63° 1'	361	347	83	92	N	N	—	—	060	
25	29824	30086	58° 5'	54° 4'	44° 3'	63° 1'	377	372	77	88	N	N	—	—	—	
26	30277	387	61° 6'	47° 9'	43° 4'	65° 0'	366	313	67	95	S	S	—	—	150	
27	282	209	54° 4'	57° 0'	46° 2'	57° 1'	372	437	88	94	S	W	—	—	060	
28	294	296	59° 0'	57° 0'	49° 1'	63° 1'	396	408	80	88	SW	SW	—	—	—	
29	195	091	61° 1'	57° 0'	45° 3'	64° 5'	426	408	80	88	NW	N	—	—	110	
30	065	206	56° 4'	55° 4'	55° 4'	62° 1'	402	324	89	74	W	SW	—	—	—	
31	30220	30053	55° 4'	55° 9'	51° 0'	66° 1'	402	438	89	98	N	N	—	—	820	
Means	29° 708	29° 722	58° 3'	54° 8'	50° 9'	63° 8'	397	388	81° 8'	90° 1'	—	—	—	—	6° 090	

SCALEBY (NEAR CARLISLE).

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

JULY 1882.

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° 0	59° 8	47° 0	72° 2	in.	in.	°/o	°/o						ins.
2	30° 097	30° 050	65° 8	59° 3	52° 5	72° 2	4362	4418	68	81	NE	2	Calm	0	3	0
3	30° 115	30° 057	65° 8	59° 3	52° 5	72° 2	457	454	73	90	W	3	SW	4	5	0
4	29° 978	29° 834	61° 0	58° 8	56° 2	65° 0	401	430	76	87	SW	5	SW	2	8	10
5	600	507	58° 8	56° 3	54° 8	64° 5	430	365	87	81	SW	2	SW	2	10	5
6	357	306	61° 3	54° 8	52° 0	65° 0	399	397	75	92	SE	5	S	3	4	8
7	261	135	55° 8	53° 0	52° 0	65° 0	389	366	87	91	SW	4	SW	3	10	10
8	129	231	59° 0	52° 3	50° 0	63° 5	385	340	77	89	SW	4	W	1	8	3
9	321	431	62° 8	54° 8	46° 0	66° 0	356	344	63	80	SW	3	Calm	0	7	1
10	467	553	57° 3	53° 8	47° 1	64° 8	388	343	83	82	SW	6	Calm	0	10	9
11	642	643	56° 8	52° 3	50° 7	64° 9	412	324	89	82	W	2	Calm	0	10	1
12	589	578	61° 8	54° 8	48° 0	64° 2	401	370	73	86	SE	1	Calm	0	9	6
13	755	833	57° 9	56° 8	44° 2	68° 0	385	394	81	85	Calm	0	W	2	10	7
14	673	425	56° 0	55° 8	53° 1	58° 0	404	407	90	91	S	4	SE	5	10	10
15	437	437	60° 3	60° 8	55° 0	67° 5	412	439	79	83	SW	6	SE	1	10	10
16	242	370	62° 3	55° 8	55° 1	66° 4	473	345	85	77	SW	3	Calm	0	10	3
17	353	538	59° 8	58° 8	51° 2	68° 0	364	399	71	80	SE	6	SW	2	8	10
18	662	587	61° 8	57° 8	54° 0	62° 5	343	393	62	82	SW	5	S	6	2	10
19	661	629	60° 6	56° 8	53° 2	66° 0	374	323	72	70	W	6	SW	5	10	6
20	749	29° 871	59° 8	56° 8	53° 2	64° 8	364	334	71	72	SW	7	SW	4	7	10
21	971	30° 016	57° 3	52° 3	52° 2	62° 0	361	349	77	89	SW	5	Calm	0	8	1
22	818	29° 746	55° 8	55° 8	50° 0	66° 0	384	370	86	83	SW	6	Calm	0	10	4
23	652	620	61° 3	53° 8	52° 0	66° 5	399	356	75	85	SW	3	Calm	0	8	7
24	478	385	55° 8	53° 8	49° 5	64° 5	340	331	76	79	S	5	Calm	0	10	9
25	494	29° 603	54° 8	55° 8	50° 0	62° 0	397	384	92	86	SW	4	SW	3	9	10
26	29° 814	30° 091	59° 8	54° 8	48° 0	66° 0	339	382	66	89	SW	1	Calm	0	4	10
27	30° 298	389	58° 8	54° 8	45° 5	61° 2	344	370	70	86	W	2	W	1	8	0
28	362	294	58° 8	53° 8	47° 0	59° 0	374	382	76	92	S	1	Calm	0	10	10
29	283	288	62° 8	56° 8	53° 0	71° 5	465	400	82	86	SW	1	Calm	0	9	0
30	160	120	64° 8	58° 3	50° 3	71° 6	443	381	68	79	Calm	0	Calm	0	7	8
31	008	141	60° 8	51° 8	51° 0	65° 0	494	305	93	79	SW	2	S	1	10	0
Means	30° 217	30° 109	58° 3	53° 8	43° 5	59° 5	381	388	79	93	SW	4	SW	3	10	10
	29° 730	29° 739	59° 6	55° 6	50° 5	65° 3	393	374	77° 5	84° 1			3° 5	1° 5	8° 2	6° 1
																4° 080

DOUGLAS, ISLE OF MAN.

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

JULY 1882.

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.	62°6	59°8	49°2	70°3	ins.	ins.	%	%	E 2	NNW 1	4	9	ins.	(mist) 9a.
2	30°088	30°113	61°4	59°5	54°4	70°0	517	477	96	94	S 1	W 1	10	9	050	(mist) a.
3	30°000	29°839	60°0	55°4	55°4	64°5	492	439	95	100	S 2	SW 5	7	10	130	p.
4	29°599	489	56°4	55°3	55°3	61°2	455	420	100	98	SSW 5	SW 1	10	10	090	squally p. a.
5	376	338	57°5	54°0	54°0	61°9	433	409	91	98	W 3	WNW 3	8	7	050	
6	284	118	54°0	52°4	52°4	60°0	388	391	93	99	SW 4	Calm 0	8	7	050	p.
7	166	227	53°6	52°2	51°6	59°7	386	385	94	99	SSW 2	Calm 0	10	5	085	
8	345	425	60°7	54°9	51°8	62°3	465	410	88	95	S 3	SSE 2	7	6	—	p.
9	496	560	59°2	54°8	54°2	65°2	373	406	74	94	WSW 4	Calm 0	7	8	—	
10	602	644	58°0	55°7	53°1	61°7	342	426	71	96	WSW 3	SSW 1	7	8	—	
11	570	607	58°0	54°7	54°0	65°0	393	423	81	99	SE 3	NW 5	7	10	225	6.30p.
12	803	857	60°3	57°8	53°0	65°4	419	421	80	87	NW 5	WSW 2	6	9	340	[day.
13	643	388	55°4	56°6	53°4	58°0	439	456	100	100	S 6	SW 4	10	9	650	Squally a. 9.30a. and all
14	458	363	59°0	56°7	54°8	62°0	430	460	87	100	S 4	SE 4	7	10	1270	at night.
15	236	325	57°8	55°2	55°2	61°0	460	407	95	93	SSW 4	S 4	10	3	128	a.
16	350	584	58°6	56°5	55°0	64°2	451	412	92	90	SSW 5	W 4	6	8	010	
17	678	545	58°8	56°5	50°6	61°0	439	451	89	98	S 3	S 5	8	10	468	
18	659	634	57°7	56°0	53°6	61°0	442	413	93	92	S 4	SSW 5	9	10	—	
19	805	29°911	59°2	54°0	54°0	62°3	405	388	81	93	SW 5	WSW 3	4	4	015	2 from 11p.
20	992	30°000	56°7	55°5	51°8	61°7	371	415	81	94	WSW 4	S 3	8	10	720	2 till 7a.
21	775	29°728	59°7	56°4	52°9	62°6	464	449	91	98	SSW 3	S 4	8	9	—	
22	664	607	56°7	55°6	53°6	60°1	450	391	98	88	SW 4	SW 2	10	10	205	
23	434	344	56°2	54°0	52°7	60°2	450	368	100	88	S 2	SSW 4	10	10	170	5p. and 9.30p.
24	576	29°731	58°0	53°7	52°4	62°4	401	387	83	94	WSW 4	Calm 0	7	4	—	p.
25	29°850	30°017	59°0	54°5	49°8	63°9	388	376	78	89	NNW 4	NNW 5	7	3	—	p.
26	30°300	399	60°3	49°3	49°3	64°8	391	326	75	93	NW 4	Calm 0	2	3	120	a. p.
27	349	259	54°7	56°4	45°8	56°4	413	455	96	100	SSE 3	SW 3	10	10	528	(mist) 9p.
28	307	317	63°2	52°1	52°1	67°3	477	376	82	96	SE 3	Calm 0	6	0	—	p.
29	328	139	61°0	57°8	46°3	65°8	445	446	83	93	WNW 2	Calm 0	7	10	—	a. and p.
30	085	239	57°6	52°6	52°5	63°4	460	358	97	90	NW 4	NNW 5	10	0	010	p.
31	30°275	30°141	57°0	59°8	44°7	59°8	383	512	82	99	WSW 3	W 3	10	10	255	showers all day.
Means	29°744	29°741	58°3	55°3	52°2	62°7	429	419	88°0	95°0	3°5	2°5	7°7	7°5	5°573	

WAKEFIELD.

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

JULY 1882.

1	30°140	30°102	57°9	62°0	42°5	68°8	340	454	71	82	E 1	W 1	1	0	—	Fine and bright.
2	085	30°098	64°8	62°0	55°2	70°8	472	454	78	82	SE 1	W 2	10	4	120	Dull 9a. K 10.30a.
3	30°049	29°894	63°0	63°0	51°1	72°8	439	410	77	72	W 2	SW 2	10	5	050	Fine from noon. 8.30p.
4	29°713	538	61°3	59°2	56°0	66°0	487	462	90	92	S 1	SSE 1	10	10	250	Dull a. p.
5	408	374	60°6	54°2	53°8	65°8	362	384	69	91	S 2	WSW 1	8	10	280	7.15p.
6	358	154	58°2	54°6	52°8	66°5	343	373	71	87	SSW 4	SW 2	10	3	390	2.30p.
7	200	301	59°1	57°2	51°5	63°8	349	353	70	75	SW 5	WSW 3	7	10	230	Fine a. K ² (very near) 2.30p.
8	384	438	59°2	57°3	50°2	60°4	351	403	70	85	SW 3	SW 3	4	5	130	Fine and bright most of day.
9	516	601	62°0	57°2	51°2	66°1	348	348	62	74	WSW 2	W 2	3	7	010	Fine and bright.
10	687	705	59°2	56°3	45°5	66°9	351	361	70	79	SW 2	WNW 3	2	5	—	
11	595	533	60°2	57°0	44°5	64°8	340	364	65	78	SSW 2	NE 2	10	3	010	Fine and bright. K 2.30p.
12	760	883	65°0	58°3	52°8	67°8	327	409	52	84	SSE 2	S 2	6	2	070	Fine.
13	784	539	60°2	58°9	53°8	61°5	385	406	74	82	S 2	SSE 4	10	8	240	0 ga.
14	526	533	63°0	64°0	57°4	71°6	400	441	70	74	SW 5	SSW 3	7	2	070	Fine and bright till 4p., then showers.
15	329	432	61°2	62°0	58°8	70°4	503	391	94	71	ESE 2	SSW 2	10	3	150	Fine and bright till 6p., then dull.
16	479	613	63°4	60°2	51°9	69°2	400	447	69	86	SSW 2	WSW 2	6	10	130	Dull 9a.
17	735	689	62°4	58°2	54°0	70°3	395	410	65	84	S 2	ESE 2	4	10	070	Fine and bright.
18	765	772	62°4	59°3	56°6	68°9	353	386	63	77	SSW 4	S 3	8	3	030	
19	29°901	29°983	62°2	57°0	56°0	68°0	351	375	62	80	SW 4	SSW 4	4	3	030	Fine and bright. 6.30p.
20	30°067	30°067	60°2	58°3	51°1	65°9	340	364	65	75	SSW 3	SW 3	6	2	060	Fine.
21	29°917	29°702	56°6	61°2	53°0	66°8	409	465	88	86	SSE 2	S 3	10	2	070	9a. 8.15p. 2.30p. 4.30p.
22	735	662	61°2	57°8	56°8	68°0	378	346	71	73	SSW 2	SW 3	9	10	090	Dull.
23	565	511	55°8	55°3	51°1	65°4	364	346	81	79	S 2	S 3	10	7	110	Dull. 2 showers during day.
24	611	785	60°2	55°2	52°2	63°8	345	349	66	81	SSW 4	WSW 2	6	2	020	
25	29°827	29°975	60°6	55°3	45°2	64°7	381	421	73	96	WSW 1	W 1	8	6	010	Dull and gloomy. Distant T 10.40a.
26	30°296	30°448	59°2	56°2	51°9	64°8	333	340	66	75	NNW 2	E 3	3	2	—	Fine.
27	399	337	60°6	55°0	40°5	67°6	366	396	70	91	SW 2	SSW 2	9	10	240	Dull and gloomy. 6.30p.
28	290	264	62°0	62°0	53°0	70°2	454	430	82	78	WSW 2	W 2	6	7	020	Dull and gloomy from 10a.
29	246	150	64°4	58°7	53°8	71°6	428	437	71	89	N 2	NNW 2	0	2	—	Fine and bright.
30	089	157	62°2	56°6	49°1	66°8	451	349	81	76	W 2	W 2	6	3	020	
31	30°266	30°194	59°2	56°6	48°1	63°0	345	374	69	81	W 3	SW 2	8	10	050	Dull.
Means	29°797	29°791	60°9	58°3	51°7	67°1	383	395	71°8	81°1	2°4	2°4	6°8	5°4	2°940	

JULY 1882.

LLANDUDNO.

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

JULY 1882.

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°3	60°1	55°0	67°6	in.	in.	%	%	S	1	SW	1	0	8	ins.	Dull, with ∞ at times.
2	30°106	30°086	66°3	60°1	55°0	67°6	461	457	72	88	S	1	SW	1	0	8	070	Dull, with ∞ at times.
3	099	30°142	64°0	60°0	58°8	70°0	480	446	81	87	S	1	WNW	2	3	10	—	Fine till 7p. () p.
4	30°064	29°889	62°3	58°0	56°8	70°0	449	415	81	86	W	1	SW	2	10	10	—	Squally before 9a. Dull.
5	29°631	534	61°4	57°4	56°5	63°5	433	379	80	81	S	4	WSW	1	10	7	060	Dull. 480
6	412	413	58°9	56°2	52°8	64°0	394	393	80	87	W	3	W	3	7	8	020	showers p.
7	322	142	58°6	55°3	53°5	62°0	385	384	78	88	W	3	WSW	2	10	7	480	Fine but windy.
8	192	275	58°2	55°2	52°5	64°8	396	346	81	80	SW	3	W	1	7	4	—	showers a. Fine p.
9	382	453	59°1	57°0	49°8	60°5	384	406	77	87	WSW	1	WSW	1	7	6	045	Very fine.
10	597	619	57°0	55°7	53°8	65°0	366	342	79	77	W	1	W	2	9	1	—	Fine p.
11	683	676	57°8	56°8	53°2	65°2	361	381	76	82	W	1	WSW	1	8	7	—	
12	553	585	59°8	56°2	52°2	60°0	371	413	72	91	S	1	NE	1	10	10	180	Dull a. () p.
13	847	916	61°8	58°8	54°2	67°0	437	379	80	77	W	1	W	2	1	10	050	Dull and windy. () showers.
14	676	483	56°7	59°8	55°0	61°5	396	431	86	84	SW	4	WSW	3	10	7	032	Fine till 6p., then () showers.
15	502	390	60°0	59°	56°4	68°0	412	461	80	91	W	1	SW	3	9	10	100	Very fine from 9a.
16	272	382	57°8	58°6	57°0	66°8	447	364	93	74	W	2	SW	2	10	7	—	
17	409	642	62°9	58°0	54°8	65°5	431	421	76	87	SW	3	WSW	2	8	10	020	Fine.
18	723	613	61°3	57°8	53°8	66°5	415	431	78	90	S	1	S	1	10	10	170	Fine a. () showers p.
19	724	715	59°5	58°0	54°8	64°8	391	336	77	70	W	2	SW	3	9	5	—	Windy p.
20	29°875	29°980	61°5	57°0	56°2	66°0	378	355	70	76	SW	4	W	3	2	6	—	Squally before 9a. Windy p. ()
21	30°066	30°067	60°2	57°2	53°7	63°2	371	389	71	83	SW	3	W	2	3	10	095	Fine but windy. () shower at Noon.
22	29°811	29°796	60°2	57°9	53°0	65°3	449	416	87	87	SW	3	WSW	1	9	8	—	Fine a.
23	697	686	62°6	56°0	55°2	66°2	391	333	69	74	SW	1	W	2	10	10	228	
24	485	443	55°6	57°0	50°5	62°0	389	377	88	81	S	2	W	4	8	6	060	Fine but windy from 11a. Squally.
25	626	29°786	54°8	57°8	51°2	64°0	377	389	88	81	W	3	W	2	10	3	430	() showers a. Fine p.
26	30°328	451	60°9	53°8	53°2	63°0	454	364	85	87	N	1	NW	1	1	1	—	Very fine from 10a.
27	389	297	57°8	56°0	49°2	59°0	389	424	81	94	SW	1	SW	1	10	10	385	Very fine.
28	338	338	59°0	55°2	54°5	63°0	400	95	92	NW	1	NW	1	10	0	—	() all day.	
29	257	187	61°2	59°8	49°3	66°8	407	399	76	77	NW	1	W	1	0	3	—	Very fine from 10a.
30	106	267	63°5	55°0	54°2	63°5	483	370	83	86	W	1	N	1	10	3	028	Very fine.
31	30°329	30°216	58°9	59°8	53°0	60°8	381	487	77	95	N	1	W	2	9	10	100	() showers a. Very fine p.
Means	29°782	29°791	59°8	57°3	53°8	64°4	411	396	80°2	84°1	1°8		1°8	7°4	7°0	2°553	Dull, with () showers p.	

HILLINGTON, NORFOLK.

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

JULY 1882.

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.	55.2	52.8	49.0	66.1	367	371	85	93	NE 3	ENE 1	10	10	ins. a. and p.
2	30.112	30.108	55.2	52.8	49.0	66.1	367	371	85	93	NE 3	ENE 1	10	10	ins. a. and p.
3	30.118	30.109	55.2	52.8	49.0	66.1	367	371	85	93	NE 3	ENE 1	10	10	ins. a. and p.
4	30.065	29.952	66.7	61.7	51.6	74.3	501	472	77	86	ENE 0.5	NE 1	7	10	Wind SE. at Noon. D 9p.
5	29.795	29.637	61.6	56.6	56.1	66.6	413	424	76	93	SW 3	SW 2	10	10	D 9p.
6	45.1	44.2	56.9	56.5	54.1	67.7	447	403	76	88	SW 1	SW 2	10	10	2.4a.-9.15a. T 3.45p. 7p.
7	50.0	49.7	55.0	55.0	53.0	67.6	393	394	78	91	SW 3	SW 4	8	6	2.early a. Day fine and sunny. 7p.
8	31.7	36.0	58.4	52.9	50.1	66.6	357	389	73	98	SW 5	S 0.5	6	10	Very fine a.
9	46.7	50.8	63.4	55.1	48.7	69.7	397	421	68	97	SW 4	SW 1	5	10	K 2.2.15p.-4p.
10	58.0	65.4	58.2	54.5	47.0	68.5	418	374	86	89	SW 1	S 0.5	9	10	T 0 Noon.
11	69.3	72.1	60.6	52.2	48.9	67.6	374	356	72	91	W 2	SW 0.5	7	10	2 Noon. Distant T 4.40p. 7.30p.
12	64.2	43.2	61.3	54.9	47.4	66.7	399	425	75	99	SW 1	SE 3	10	10	from 3p. [D 2.15p. (mist) 9p.
13	71.5	90.9	61.8	54.0	53.2	70.1	385	409	70	98	N 4	N 1	4	10	2.2a. K p. Distant T till 5p.
14	86.4	67.3	63.6	57.4	48.2	63.6	399	400	68	85	SW 4	SW 3	8	10	T Noon.
15	60.3	61.3	61.6	48.1	41.6	71.6	451	449	84	82	SW 2	S 2	10	10	D 0 p.
16	45.5	47.8	65.7	62.6	59.9	69.6	491	491	79	86	SW 3	S 2	10	10	10a.-Noon. Fine from Noon. D p.
17	58.8	67.4	61.4	58.0	52.1	73.1	422	415	78	86	SW 3	S 1	8	3	D p.
18	79.3	81.4	61.6	61.5	50.3	71.4	393	526	72	96	SW 2	SW 1	6	10	Very fine and sunny. D p.
19	84.0	29.878	62.3	58.0	50.1	70.6	400	386	72	80	SW 4	SW 3	8	1	Very fine and sunny. D p.
20	30.001	30.034	62.9	58.8	54.4	71.8	389	374	69	76	SW 5	SW 2	7	10	Very fine and sunny. D p.
21	119	30.100	62.7	58.8	48.2	70.6	338	401	60	81	SW 4	SW 0.5	8	10	Very fine and sunny. D p.
22	30.021	29.887	63.1	58.5	50.0	72.7	375	388	65	80	SW 3	SW 2	4	1	Very fine a. T 2.30p. K 2.0.5.45p.
23	29.805	29.725	60.3	58.2	57.2	69.6	436	412	84	85	SW 4	SW 1	10	4	Much T. D 2 p. (2.2 miles to the East, 800 inch in 20 minutes).
24	63.9	62.1	62.0	55.8	50.4	71.1	393	360	71	81	SW 4	S 2	8	3	Very fine and sunny. 2.2 p. (mist).
25	69.5	81.2	61.0	52.5	49.9	67.9	374	381	71	97	SW 3	S 0.5	5	3	Very fine a. T 2.30p. K 2.0.5.45p.
26	29.799	29.944	62.4	52.2	43.0	67.7	433	379	77	98	S 1	S 0.5	10	2	Much T. D 2 p. (2.2 miles to the East, 800 inch in 20 minutes).
27	30.222	30.422	58.7	47.0	47.0	64.4	351	316	72	98	NE 1	NE 1	7	2	Very fine and sunny. 2.2 p. (mist).
28	44.7	33.6	62.2	59.0	38.9	74.3	388	419	70	84	SE 0.5	SW 0.5	0	10	Very fine a. D p. [D 2.2 p.
29	33.1	29.6	57.9	54.0	53.1	67.2	453	412	94	99	W 0.5	SW 0.5	10	8	(mist) D 2 p. [sunny. D p.
30	23.1	14.1	67.8	57.0	47.8	76.7	492	431	73	92	SE 1	ESE 0.5	5	0	(mist) D 2 a. Day very fine and
31	07.8	10.3	65.8	54.9	49.1	74.3	454	413	72	96	NW 0.5	NW 0.5	10	2	2.early a. Very fine a. Gloomy p.
Means	30.268	30.217	60.2	57.5	49.4	67.8	364	419	70	88	NW 3	NW 0.5	4	10	Very fine and sunny. [D 2.2 p.

UPPINGHAM.

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

JULY 1882.

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	30.123	30.099	56.7	55.3	44.0	73.2	378	426	82	97	N by E 1	E by N 1	6	7	2.6a. Day warm and sunny. 11p.
2	114	30.113	54.6	58.7	50.3	71.9	409	475	96	96	SE by E 1	Caln 0	10	9	2.6a. Day overcast and sultry. K 0p.
3	30.081	29.956	63.3	62.0	55.5	72.7	467	475	80	86	W 1	WSW 2	10	10	2.6a. Day close and sultry.
4	29.777	29.627	60.2	54.7	52.2	64.6	415	425	80	99	SW by S 4	S by W 3	9	10	2.6a. Day close and sultry.
5	46.5	43.7	58.5	55.1	53.0	65.2	420	396	85	91	W by S 3	WSW 3	9	10	2.6a. Day close and sultry.
6	43.0	44.8	58.0	53.0	51.7	64.6	399	335	82	83	SW 5	SSW 4	9	1	2.6a. Day close and sultry.
7	28.3	33.9	58.1	50.9	49.6	64.1	389	373	80	100	SW 5	S 1	8	10	2.6a. Day close and sultry.
8	44.9	49.9	57.4	51.5	47.0	65.4	376	364	80	95	SW 2	SSW 1	7	9	2.6a. Day close and sultry.
9	56.4	64.6	58.1	53.1	48.3	66.0	389	346	80	85	SW 2	W by S 1	10	4	2.6a. Day close and sultry.
10	68.0	71.8	58.9	52.0	46.1	65.9	355	356	71	92	WSW 1	SSW 1	7	3	2.6a. Day close and sultry.
11	61.2	42.5	60.1	54.1	46.6	60.8	414	420	80	100	S by E 1	NE 2	10	10	2.6a. Day close and sultry.
12	73.7	92.7	61.1	56.2	50.8	68.2	432	360	80	79	NNW 2	Caln 0	7	7	2.6a. Day close and sultry.
13	84.1	64.0	57.3	57.0	52.2	60.9	361	388	77	83	SW 4	S by W 4	10	9	2.6a. Day close and sultry.
14	58.2	57.8	60.8	60.1	55.5	69.7	434	452	82	87	SW by S 3	S 1	10	10	2.6a. Day close and sultry.
15	40.7	45.3	60.9	58.5	57.7	67.5	462	411	87	83	S by W 3	SW by S 1	10	6	2.6a. Day close and sultry.
16	54.4	65.9	59.1	54.7	50.4	67.7	401	377	80	88	SSW 2	SW 1	9	1	2.6a. Day close and sultry.
17	78.3	76.1	60.3	54.3	51.0	66.9	384	402	74	95	SW 3	S 2	8	10	2.6a. Day close and sultry.
18	82.5	29.835	59.7	57.2	53.9	66.4	375	323	73	69	SW by S 3	S by W 4	8	1	2.6a. Day close and sultry.
19	29.773	30.027	59.9	56.2	50.8	68.2	366	362	70	80	S by W 3	S by W 3	9	9	2.6a. Day close and sultry.
20	30.116	30.109	59.9	55.0	47.7	65.3	344	375	67	87	SW 3	S by W 1	8	10	2.6a. Day close and sultry.
21	29.980	29.875	59.0	57.1	50.8	67.2	375	421	75	90	SW 4	S 4	9	9	2.6a. Day close and sultry.
22	78.2	72.7	60.1	54.0	54.0	68.2	394	344	76	82	SW 3	SW 3	10	6	2.6a. Day close and sultry.
23	61.3	59.6	54.0	52.4	49.5	65.1	412	353	99	90	SSW 2	SW by S 2	10	7	2.6a. Day close and sultry.
24	68.1	80.5	58.1	53.0	47.8	66.8	356	352	73	87	SW 2	SW by S 1	9	1	2.6a. Day close and sultry.
25	29.836	29.959	57.0	53.0	47.0	69.3	380	366	82	91	W 1	NW by W 1	9	10	2.6a. Day close and sultry.
26	30.249	30.439	58.7	50.1	49.0	68.3	333	326	67	90	NNE 2	Caln 0	4	4	2.6a. Day close and sultry.
27	43.1	37.7	62.0	55.4	45.5	70.8	399	320	72	73	SE 1	Why N 2	0	10	2.6a. Day close and sultry.
28	31.6	30.3	59.3	58.3	52.6	69.0	463	455	92	93	W 1	Caln 0	10	10	2.6a. Day close and sultry.
29	23.2	15.2	62.2	61.5	55.0	74.3	510	509	92	93	SW 1	Caln 0	10	10	2.6a. Day close and sultry.
30	08.9	14.0	64.8	54.2	53.7	72.7	445	332	73	79	W by N 1	NW by W 2	1	1	2.6a. Day close and sultry.
31	30.285	30.234	59.7	58.3	47.0	65.9	336	379	66	77	NW 1	NW 1	4	10	2.6a. Day close and sultry.
Means	29.835	29.829	59.3	55.4	50.5	67.5	399	387	79.1	87.7	2.3	1.7	8.1	7.2	2.6a. Day close and sultry.

CHURCHSTOKE.

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

JULY 1882.

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°0	56°6	45°3	67°2	in.	in.	69	87	ENE 2	Calm 0	3	7	ins.	T ☼☼ Fine and hot. R°.
2	30°138	30°111	65°3	61°2	49°3	71°9	47°0	46°4	77	86	NW 4	NE 1	9	6	0°15	Hot and sultry. T ☼☼ ☉°.
3	30°065	29°907	66°0	58°7	51°5	68°2	446	419	70	86	NW 1	NW 1	7	6	—	T ☼☼.
4	29°700	29°572	59°0	54°9	54°3	62°3	443	419	89	98	NW 7	NW 4	8	9	1°00	☼ a. Gusty wind.
5	42°3	43°0	61°3	54°6	51°3	61°9	412	409	77	96	W 5	W 5	4	9	0°32	Dull and gloomy. ☉° T.
6	38°4	21°0	59°4	53°3	52°0	62°4	430	389	86	96	SW 6	SSW 7	7	9	2°94	☉° showers ☼.
7	22°2	31°5	57°6	52°2	50°0	62°9	393	358	82	92	SW 6	SW 1	7	10	1°80	Dull and cool. Rough.
8	38°0	45°5	58°3	54°6	48°3	66°4	437	385	90	90	SW 3	SW 4	3	5	1°40	☉° T.
9	52°6	61°4	57°2	51°6	50°0	61°4	403	340	86	89	NW 1	SW 1	5	3	1°07	Cool and dull. ☉° T.
10	62°9	67°5	58°3	55°3	47°7	65°2	428	371	88	85	SW 4	SW 2	8	7	0°50	☉° T. Cold wind. ☼☼° (mist).
11	52°8	47°6	53°3	53°0	48°0	56°4	370	403	91	100	SE 3	NW 4	8	10	5°55	Cool and dull. ☉°.
12	8°44	9°55	60°0	55°2	50°5	64°9	396	400	76	92	WNW 5	SW 3	5	8	0°90	Dull a. Fine and hot p. ∞.
13	7°75	5°80	54°9	58°0	52°0	60°4	396	434	92	90	SW 2	SW 3	10	8	0°75	☉° showers. Cool and gusty.
14	5°59	4°90	59°4	59°0	54°5	66°9	388	449	77	90	W 4	S 5	9	8	3°50	Dull and cold. ☉° T. Gusty wind.
15	3°72	4°66	60°0	55°6	54°0	67°9	480	375	93	85	S 3	SW 5	10	3	0°20	
16	4°94	6°49	61°4	54°9	51°5	66°3	453	419	84	98	S 5	SW 1	8	8	0°90	
17	7°51	5°05	59°3	55°9	48°0	65°2	386	433	77	97	SW 5	SSW 4	5	8	0°95	
18	7°58	8°08	60°5	54°6	53°0	65°9	406	379	78	89	SW 5	SW 4	5	3	1°25	☉° ☼ T.
19	29°891	29°051	61°5	54°4	52°5	65°2	427	331	79	78	SSW 6	SW 6	5	5	0°70	Cool gusty wind.
20	30°060	30°071	58°5	55°6	50°0	62°9	449	424	92	96	WNW 4	NW 3	4	8	0°60	T before 9a. ∞ a.
21	29°918	29°837	57°4	56°9	52°0	64°4	428	397	91	85	SW 3	SW 4	7	8	1°03	Dull, with cold wind.
22	7°54	7°34	60°5	51°9	51°5	68°9	457	344	87	89	SW 5	W 2	6	10	0°98	Cold, gusty and gloomy.
23	5°36	5°60	56°2	52°4	49°5	64°8	401	330	89	84	SSW 6	SW 5	8	3	0°68	Dull, with rough cold wind a.
24	6°87	29°833	55°9	51°1	50°0	63°2	374	329	84	87	SW 6	Calm 0	5	2	—	Overcast a. Fine p. T ∞.
25	29°845	30°074	57°4	49°9	46°3	64°9	360	294	76	83	Calm 0	NW 1	6	1	0°58	☼.
26	30°315	4°63	57°4	52°4	47°2	67°2	367	330	78	84	N 1	NW 1	6	4	—	Fine and bright, ☼ T ∞.
27	4°31	3°61	60°7	53°9	41°0	64°1	371	404	71	98	SW 4	NNW 2	7	10	3°95	
28	3°30	31°1	64°0	60°5	57°9	70°9	413	436	69	84	NE 1	NE 1	9	—	—	
29	2°64	2°45	61°4	57°4	46°5	70°2	419	396	78	84	N 2	Calm 0	4	8	—	Dull a. Bright and fine p. ∞.
30	1°44	2°41	60°0	52°4	44°5	67°9	410	316	79	80	NW 4	Calm 0	8	0	—	☼. Cold wind.
31	30°323	30°255	57°6	42°0	44°3	60°4	367	406	76	85	NW 3	NNE 4	4	7	0°20	
Means	29°811	29°824	59°6	55°0	49°6	65°2	414	387	81°6	89°2	3°7	2°7	6°4	6°5	3°190	

CHELTENHAM.

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

JULY 1882.

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.	57.3	58.0	48.3	72.4	in.	in.	%	%	Calm	0	W	1	10	10	ins.	☁ 9a. ☉ 7p. T.
2	30.104	30.076	57.3	58.0	48.3	72.4	.446	.461	95	95	W	1	SW	1	6	5	.010	☁ (mist) 9a. T p.
3	30.083	29.984	65.8	59.2	53.3	73.0	.475	.404	80	81	SW	1	SW	1	8	7	—	T p.
4	29.787	.592	60.8	56.3	56.3	64.0	.400	.421	76	92	S	3	S	5	10	10	.300	Fine till 5p., then ☉ showers.
5	.492	.500	60.7	56.0	56.0	64.4	.375	.385	71	86	SW	2	SW	3	5	10	.110	☉ showers. ☉ 2 at night.
6	.443	.285	56.8	54.2	53.5	64.0	.391	.348	84	83	SW	2	SW	5	9	4	.260	☉ Fine morning. ☉ 2 in evening.
7	.306	.353	59.4	51.5	51.5	64.6	.339	.355	67	94	SW	6	S	1	5	8	.300	☉ showers all day.
8	.444	.525	63.2	54.4	48.1	64.8	.393	.356	68	84	S	3	S	1	8	5	.220	☉ Fine bright day.
9	.582	.677	61.0	55.6	48.8	65.9	.375	.348	71	78	W	2	SW	1	8	3	—	☉ all day. ☉ 2 at night.
10	.702	.743	59.1	56.5	48.1	67.2	.344	.328	69	72	W	2	SW	1	5	9	.020	☉ Day fine and bright.
11	.549	.404	54.5	55.8	51.0	60.0	.375	.434	89	97	SE	4	N	3	10	10	.030	☉ showers. ☉ at night.
12	.826	.967	59.5	59.1	51.0	69.0	.374	.405	74	81	NW	4	SW	2	9	10	.040	☉ Squally before 9a.
13	.849	.616	59.0	58.3	54.6	62.3	.388	.422	78	87	SW	3	S	6	9	10	.050	☉
14	.594	.507	62.2	60.7	58.1	69.0	.416	.457	75	86	S	2	S	6	7	10	.390	☉
15	.358	.457	60.9	59.2	59.0	69.1	.500	.422	94	85	S	5	SW	1	10	5	.040	☉
16	.552	.684	62.2	58.1	53.3	67.6	.385	.422	69	88	W	3	SW	3	6	10	.050	☉
17	.805	.708	61.7	57.2	50.4	65.6	.381	.437	70	93	SW	2	S	4	6	10	.050	☉
18	29.837	29.845	61.7	59.8	54.4	67.9	.399	.409	73	79	SW	4	S	6	7	8	—	☉ Fine and bright.
19	30.005	30.071	62.8	56.8	54.3	68.0	.384	.381	67	82	SW	6	SW	2	4	8	.020	☉ Squalls before 9a. Fine and bright.
20	30.146	30.110	61.5	56.1	50.3	67.0	.382	.369	71	82	SW	4	SW	1	10	9	—	☉ Day fine and bright.
21	29.959	29.850	60.7	58.6	52.6	66.4	.382	.404	72	94	S	5	S	1	6	10	.110	☉
22	.781	.757	59.9	60.0	55.0	67.1	.446	.367	87	84	S	2	SW	1	10	10	.220	☉ Fine a. ☉ 2 showers p.
23	.526	.615	56.6	55.0	52.0	66.0	.428	.340	93	79	S	5	S	2	10	3	.010	☉
24	.721	29.838	58.6	56.4	52.4	65.8	.360	.355	73	78	SW	3	SW	2	6	5	.020	☉ K 11a. T p.
25	29.844	30.038	58.2	58.0	49.4	65.0	.378	.346	78	72	Calm	0	NW	1	10	7	—	☉ Very fine and bright.
26	30.292	.431	59.1	52.2	52.0	68.3	.378	.371	76	96	N	2	Calm	0	10	4	—	☉ Beautiful day.
27	.434	.363	64.8	56.8	43.6	69.5	.370	.400	60	86	W	2	SW	1	6	10	.090	☉ Beautiful day. ☉ shower 7p.
28	.341	.280	60.0	58.6	55.0	74.3	.441	.404	86	94	SW	1	Calm	0	10	7	.010	☉ Very beautiful day.
29	.244	.161	61.1	58.6	51.0	72.0	.441	.404	83	94	SW	1	Calm	0	5	8	—	☉ Very beautiful day.
30	.120	.211	63.3	53.8	49.0	69.3	.384	.364	66	87	W	2	NW	1	1	1	.060	☉ Very fine day. ☉ shower 7p.
31	30.343	30.271	59.2	60.0	40.4	68.0	.357	.399	71	77	SW	2	SW	3	5	10	.010	☉ Very beautiful day.
Means	29.844	29.840	60.3	57.0	51.8	67.5	.399	.399	76.7	85.6	2.7	2.1	7.5	7.6	3.610			

CARMARTHEN.

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

JULY 1882.

1	30°091	30°079	67°7	57°9	52°8	73°7	.467	.416	69	87	Calm	0	Calm	0	0	10	—
2	.092	.141	68°6	56°4	55°2	72°0	.503	.419	72	92	S	1	Calm	0	4	10	—
3	30°105	30°043	61°5	58°5	51°8	69°2	.479	.413	88	85	S	1	SW	3	10	10	0
4	29°660	29°584	58°5	54°9	54°8	64°2	.473	.404	97	94	SW	4	SW	3	10	7	.300
5	.471	.533	59°5	55°4	52°3	63°2	.400	.397	79	91	W	3	W	4	9	7	.050
6	.372	.261	58°0	54°4	52°8	60°2	.434	.343	90	81	S	5	SW	4	5	5	.300
7	.282	.310	60°0	52°9	50°8	62°2	.382	.362	74	91	SW	4	S	3	7	10	.300
8	.404	.513	63°2	57°5	51°3	64°2	.416	.312	72	66	S	3	SW	2	7	8	.150
9	.628	.633	58°0	53°9	52°8	63°2	.378	.349	79	84	SW	3	W	2	10	2	.270
10	.721	.682	58°5	55°2	48°3	62°2	.348	.373	72	86	W	4	W	1	7	9	.110
11	.470	29°501	54°4	55°9	49°8	60°2	.418	.421	98	94	E	2	N	3	10	10	.250
12	.888	30°001	64°0	57°0	53°8	65°2	.403	.428	67	92	NW	3	NW	2	5	10	.300
13	.722	29°627	57°2	58°0	53°5	63°2	.447	.457	96	94	SE	4	SW	4	10	10	.590
14	.605	.499	61°9	59°5	50°8	64°2	.461	.485	83	96	S	4	S	5	9	9	.810
15	.407	.420	60°5	58°0	54°8	64°2	.279	.409	53	85	SW	5	SW	3	5	5	.050
16	.516	.729	61°0	55°9	54°8	63°2	.470	.421	88	94	S	3	E	1	9	2	.180
17	.777	.671	58°6	56°4	53°3	72°2	.399	.443	81	97	S	5	SW	4	9	10	.480
18	.809	29°818	61°0	56°6	53°8	63°2	.439	.400	82	87	SW	5	SW	5	7	7	.570
19	29°962	30°055	61°0	54°5	53°8	63°7	.430	.386	81	91	SW	5	SW	2	7	3	.050
20	30°111	30°109	58°7	57°2	49°3	64°2	.388	.409	79	87	SW	4	SW	3	8	5	.550
21	29°914	29°858	58°8	56°4	53°8	61°2	.485	.422	98	93	S	5	SW	2	10	10	.280
22	.805	.756	59°8	58°5	52°8	64°2	.514	.324	100	67	SW	4	W	3	10	10	.540
23	.559	.594	60°5	55°4	50°8	61°2	.511	.371	97	85	SW	6	SW	4	7	6	.150
24	.702	29°840	61°5	59°5	49°9	63°8	.487	.317	90	62	W	5	SW	1	6	7	.170
25	29°920	30°092	62°5	54°1	49°9	65°2	.548	.360	97	86	SW	1	NW	1	7	0	—
26	30°336	.426	63°7	53°4	49°9	68°2	.541	.343	92	84	NW	1	NW	1	7	0	—
27	.420	.416	62°2	56°4	43°2	63°2	.475	.456	85	100	S	2	S	2	9	10	.450
28	.314	.326	65°6	55°4	58°0	70°0	.535	.397	85	91	SW	1	S	1	9	0	.120
29	.287	.232	65°0	58°0	49°9	71°7	.462	.379	76	79	NW	1	NW	1	2	0	.020
30	.177	.263	62°5	54°9	45°1	65°2	.533	.351	95	82	SW	2	N	1	10	2	.010
31	30°360	30°289	65°0	58°8	45°0	67°2	.366	.467	59	94	SW	2	W	2	6	10	—
Means	29°835	29°849	61°2	56°3	51°4	65°1	.447	.395	83°0	87°0	3°2	2°4	7°5	6°3	7°280		

JULY 1882.

MARLBOROUGH.

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

JULY 1882.

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.	62.6	58.7	48.3	70.3	in.	in.	%	%	Calm	0	Calm	0	10	10	ins.	☁ ⁰ (mist) 9a. T p.
2	30.113	30.088	62.6	58.7	48.3	70.3	.469	.462	83	94	Calm	0	Calm	0	9	0	.040	
3	.102	.138	64.5	60.5	55.1	70.2	.472	.489	78	93	Calm	0	Calm	0	7	9	.140	☁ ⁰ (mist) 9a. T p.
4	30.119	30.020	65.4	58.6	53.0	73.4	.465	.427	75	87	Calm	0	Calm	0	7	9	—	
5	29.828	29.645	59.6	54.7	54.3	59.6	.415	.399	81	93	SW	1	S	1	10	10	.410	☁ ⁰ (mist) a.
6	.531	.552	58.5	54.7	51.6	63.1	.375	.384	77	90	Calm	0	WSW	1	9	10	.110	
7	.474	.349	59.5	53.5	51.5	62.3	.377	.357	75	87	SW	1	SW	2	10	10	.610	
8	.351	.385	60.2	52.5	49.3	63.3	.355	.344	68	87	SW	2	SW	1	6	1	.050	
9	.466	.558	60.4	53.8	49.1	64.8	.399	.353	76	85	Calm	0	S	1	8	5	.060	
10	.617	.714	60.3	52.6	49.3	65.0	.386	.369	74	93	Calm	0	Calm	0	8	3	.120	
11	.740	.775	59.8	54.7	46.4	64.6	.361	.384	70	90	Calm	0	SSW	1	9	9	.370	
12	.560	29.294	53.9	56.8	51.2	63.4	.407	.425	98	92	SW	1	Calm	0	10	10	.670	
13	.823	30.001	61.7	55.5	50.5	68.9	.419	.371	77	85	NW	2	Calm	0	5	10	.070	
14	.882	29.687	57.7	55.9	53.0	61.3	.385	.437	81	98	SSW	2	SSW	2	10	10	.200	
15	.628	.577	62.6	58.6	55.9	68.0	.441	.464	78	94	SW	1	S	2	9	10	.340	
16	.413	.512	59.7	55.9	55.9	68.3	.479	.401	94	90	SW	3	SW	1	10	4	.030	
17	.575	.730	62.6	56.7	52.2	68.0	.404	.431	72	91	SW	3	Calm	0	8	9	.110	
18	.841	.765	60.6	56.2	52.8	65.0	.401	.433	77	96	SW	1	SW	3	9	10	.150	
19	29.876	29.903	61.6	57.1	52.2	66.2	.384	.407	71	87	SW	2	SW	1	8	1	—	
20	30.047	30.009	61.6	55.0	68.1	.386	.367	71	85	SW	1	Calm	0	9	9	—	p.	
21	.188	30.153	61.4	55.6	49.1	67.3	.367	.389	68	88	SW	1	Calm	0	9	9	.030	
22	30.023	29.900	58.7	57.8	50.6	66.6	.386	.465	79	97	SSW	1	SW	1	9	10	.030	
23	29.825	.789	56.0	53.0	53.0	66.9	.447	.348	97	86	S	1	Calm	0	10	10	.090	
24	.570	.673	55.8	53.2	52.0	67.1	.418	.361	93	89	S	1	SW	2	10	4	.040	
25	.748	.872	61.7	52.3	49.9	64.6	.375	.357	69	91	SW	1	Calm	0	7	2	.100	
26	29.860	29.998	58.5	53.9	49.2	64.0	.360	.365	74	88	Calm	0	Calm	0	10	6	.020	
27	30.282	30.445	59.8	54.9	48.9	66.9	.381	.396	74	92	Calm	0	Calm	0	7	4	—	
28	.453	.403	66.5	56.2	44.4	70.0	.418	.400	64	89	Calm	0	Calm	0	1	9	.020	
29	.358	.299	58.6	60.2	54.2	70.7	.454	.472	92	91	Calm	0	Calm	0	10	1	—	
30	.257	.167	59.1	60.6	51.6	72.2	.472	.487	94	92	Calm	0	Calm	0	10	4	—	
31	.131	.196	66.5	56.7	52.0	71.8	.433	.399	67	87	W	1	N	1	0	8	—	
31	30.345	30.307	63.2	58.5	45.4	69.5	.371	.378	64	78	N	1	SW	1	1	10	—	
Means	29.872	29.871	60.6	56.0	51.1	66.8	.408	.404	77.8	89.8	0.9		0.7	8.0	7.0	3.8	8.0	

STRATHFIELD TURGISS.

Height above Mean Sea Level, 195 feet. Long. 1° 0' W. Lat. 51° 20' N.

JULY 1882.

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.	62.4	60.5	47.5	74.4	ins.	ins.	75	88	N	1	NW	1	5	10
2	30.129	30.087	62.4	60.5	47.5	74.4	ins.	ins.	75	88	N	1	NW	1	5	10
3	30.109	30.087	62.4	60.5	47.5	74.4	ins.	ins.	75	88	N	1	NW	1	5	10
4	30.143	30.031	60.8	61.6	52.1	70.8	ins.	ins.	85	87	SW	3	SW	2	10	9
5	29.838	29.667	60.1	56.4	52.0	75.9	ins.	ins.	91	91	SW	2	S	2	9	10
6	55.4	56.3	60.9	55.5	53.2	65.6	ins.	ins.	93	93	W	3	SW	3-4	10	9
7	51.3	50.6	61.7	54.6	53.1	64.1	ins.	ins.	85	85	SW	3	SW	2	10	8
8	38.4	41.1	61.8	55.2	50.1	65.6	ins.	ins.	85	85	W	3	SW	3	7	2
9	48.5	56.6	63.7	54.0	49.3	67.5	ins.	ins.	90	90	SW	3	SW	2	4	0
10	62.4	71.9	60.9	54.6	49.3	69.5	ins.	ins.	83	83	W	3	SW	3	6	7
11	75.7	79.0	60.2	54.1	47.0	66.8	ins.	ins.	87	87	SW	3	SW	2	8	9
12	60.7	40.4	55.9	58.8	51.2	64.9	ins.	ins.	91	91	SE	1	SW	1	10	10
13	80.6	99.2	64.4	58.5	51.8	72.6	ins.	ins.	84	84	NW	3	W	1	5	10
14	91.1	71.9	59.8	60.3	54.0	64.7	ins.	ins.	81	81	S	3	SW	4	10	10
15	65.3	61.1	63.6	61.5	50.2	71.3	ins.	ins.	88	88	SW	3	S	3	10	10
16	48.4	51.9	60.7	57.3	57.1	71.6	ins.	ins.	84	84	S	2	SW	2	10	1
17	60.7	73.5	61.4	58.9	52.4	69.9	ins.	ins.	84	84	SW	2	SW	2	6	8
18	85.6	80.5	62.7	57.1	53.1	69.6	ins.	ins.	95	95	SW	3	SW	4-5	5	10
19	29.904	29.928	61.4	59.0	55.0	69.1	ins.	ins.	86	86	SW	3	SW	3	8	4
20	30.072	30.111	61.4	54.9	51.7	69.8	ins.	ins.	89	89	SW	3	SW	1	7	0
21	19.7	30.165	61.4	54.9	47.4	71.6	ins.	ins.	88	88	W	2	W	1	6	9
22	30.066	29.930	60.6	59.7	46.2	71.2	ins.	ins.	91	91	SW	3	SW	1	10	10
23	29.857	29.797	58.9	56.6	56.0	70.0	ins.	ins.	83	83	SW	2	NW	1	10	9
24	61.1	69.6	58.5	56.7	51.4	69.6	ins.	ins.	84	84	S	3	SW	3	9	1
25	76.0	29.874	63.0	55.6	51.0	68.2	ins.	ins.	88	88	SW	3-4	SW	2	3	8
26	29.881	30.003	58.2	53.6	49.4	66.1	ins.	ins.	95	95	S	1	W	2	10	7
27	30.269	30.269	60.2	54.0	35.2	70.9	ins.	ins.	88	88	N	3	NE	1	5	3
28	45.7	41.1	67.3	58.1	42.7	73.8	ins.	ins.	82	82	W	2	W	1	0	8
29	36.8	31.4	61.9	57.8	45.0	70.9	ins.	ins.	83	83	SW	2	S	1	10	0
30	26.4	14.1	63.4	59.2	51.8	75.7	ins.	ins.	92	92	Cal	0	SE	1	10	6
31	13.1	19.0	66.5	60.3	52.4	77.2	ins.	ins.	92	92	E	1	NW	3	9	10
Means	29.889	29.883	61.6	57.4	50.8	70.4	ins.	ins.	87.5	87.5	2.4	2.0	7.4	6.9	1.750	

SOUTHAMPTON.

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

JULY 1882.

1	30.118	30.084	64.2	62.4	49.8	69.5	ins.	ins.	75	90	NE	1.5	Cal	0	10	10
2	104	151	61.0	60.6	57.2	72.8	ins.	ins.	91	90	NE	1	SW	1.5	10	1
3	30.139	30.027	60.0	59.9	55.3	71.3	ins.	ins.	89	89	SSW	1.5	SW	2	10	9
4	29.866	29.665	58.9	57.0	55.9	62.2	ins.	ins.	81	81	SW	3.5	S	2	10	10
5	57.2	60.0	60.9	56.9	53.7	64.6	ins.	ins.	77	86	WSW	3.5	SW	3	9	10
6	52.2	40.1	58.4	55.9	54.1	60.2	ins.	ins.	86	86	SW	4	SW	4	10	1
7	40.0	42.9	61.9	56.0	52.9	64.2	ins.	ins.	81	86	SW	5.5	SW	3.5	9	8
8	49.1	57.5	59.9	56.5	53.9	65.0	ins.	ins.	89	8	S	2.5	SW	2	9	1
9	63.6	74.1	61.4	55.2	52.9	66.4	ins.	ins.	85	85	SW	2	SW	2	9	1
10	76.2	79.1	60.0	56.5	51.0	64.7	ins.	ins.	84	84	SSW	2	SW	2	10	9
11	55.4	29.408	57.4	58.0	54.5	64.4	ins.	ins.	100	97	SE	3.5	SW	1	10	10
12	83.9	30.009	63.7	59.2	52.0	71.0	ins.	ins.	78	78	NW	3	WNW	1	7	10
13	92.7	29.715	59.7	60.0	55.8	65.2	ins.	ins.	82	82	SW	3.5	SW	5.5	10	10
14	66.8	60.5	62.8	60.4	57.7	67.4	ins.	ins.	78	94	SW	3	SSW	4	10	10
15	45.9	53.4	61.0	57.6	57.4	67.5	ins.	ins.	89	89	SSW	4	S	2	10	1
16	61.8	76.0	63.3	58.5	56.3	67.4	ins.	ins.	84	89	SW	3.5	SW	2.5	9	5
17	80.0	79.1	63.8	57.7	55.6	66.4	ins.	ins.	83	83	SW	3	SSW	6	7	10
18	29.914	29.941	62.5	61.3	55.5	65.8	ins.	ins.	77	81	SW	3	SW	4.5	10	10
19	30.082	30.124	63.0	57.4	54.9	66.8	ins.	ins.	87	87	SW	3.5	SW	2	9	2
20	21.3	30.170	62.2	56.6	51.6	67.3	ins.	ins.	87	87	SW	2.5	SW	1	9	4
21	30.041	29.925	59.6	59.7	53.5	66.3	ins.	ins.	76	95	SW	3	SW	3	9	10
22	29.840	29.796	59.5	56.8	50.7	66.9	ins.	ins.	83	83	SW	2	SW	2.5	10	9
23	59.6	71.5	61.4	56.9	54.0	65.6	ins.	ins.	80	80	SW	4.5	SW	3	9	1
24	77.7	88.5	66.1	56.8	53.2	66.4	ins.	ins.	82	89	SW	3	SW	2	8	1
25	29.864	29.977	56.9	54.5	52.8	61.7	ins.	ins.	89	90	Cal	0	NW	2.5	10	10
26	30.275	30.441	59.9	58.9	49.4	71.3	ins.	ins.	87	87	NNW	2	Cal	0	4	2
27	46.9	41.5	66.9	58.7	50.7	70.6	ins.	ins.	82	89	SW	1.5	SW	2	1	9
28	36.5	30.2	60.9	61.0	55.9	69.7	ins.	ins.	84	93	WSW	2	SW	1.5	10	2
29	25.2	16.6	60.7	58.7	50.1	71.2	ins.	ins.	90	97	SW	1	SSW	2	10	8
30	13.4	16.7	68.7	63.8	52.8	74.8	ins.	ins.	69	85	NW	2	NW	2.5	0	10
31	30.352	30.316	65.7	61.9	46.3	73.3	ins.	ins.	57	81	NW	2	SW	2	2	10
Means	29.894	29.891	61.7	58.4	53.9	67.4	ins.	ins.	88.0	88.0	2.7	2.4	8.4	6.6	2.838	

ST. LEONARDS.

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

JULY 1882.

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.	59.4	56.6	51.2	62.0	ins.	ins.	76	98	Cal	0	WSW	1	4	6
2	30.120	30.102	59.4	56.6	51.2	62.0	ins.	ins.	76	98	Cal	0	WSW	1	4	6
3	115	169	62.1	58.5	54.2	63.7	ins.	ins.	75	86	SSE	1	Cal	0	4	1
4	30.160	30.045	58.4	58.6	53.6	61.2	ins.	ins.	83	85	SW	2	SW	2	7	9
5	29.904	29.710	59.7	58.5	55.7	62.9	ins.	ins.	76	83	SSW	3	WSW	1	9	10
6	58.7	60.9	59.6	57.7	56.7	62.5	ins.	ins.	81	82	SW	4	WSW	5	9	10
7	57.9	44.8	59.2	57.6	56.0	60.1	ins.	ins.	83	80	SW	5	WSW	5	10	6
8	45.7	46.9	57.8	48.0	56.0	63.1	ins.	ins.	83	83	SW	6	SSW	4	9	8
9	54.6	61.3	58.5	57.2	55.8	60.1	ins.	ins.	88	88	S	3	SW	3	10	5
10	64.9	76.3	60.0	57.1	55.7	63.0	ins.	ins.	80	77	SW	4	WSW	3	6	3
11	79.0	83.0	55.0	56.2	52.9	61.7	ins.	ins.	86	87	WSW	2	WSW	4	9	7
12	63.0	42.9	57.5	57.7	56.0	61.4	ins.	ins.	94	96	SE	3	SW	1	10	10
13	73.7	99.2	58.8	58.6	55.1	69.8	ins.	ins.	81	83	NW	2	NW	1	9	2
14	97.8	76.3	58.3	60.4	55.6	62.6	ins.	ins.	84	86	SW	3	Cal	0	8	9
15	71.5	67.6	60.5	62.8	57.6	65.6	ins.	ins.	92	82	SW	3	SW	3	8	3
16	55.0	57.5	60.7	58.6	58.6	66.0	ins.	ins.	92	92	SSW	2	SW	3	10	9
17	67.0	78.9	61.4	58.4	57.6	62.2	ins.	ins.	89	83	SW	2	WSW	4	8	1
18	89.4	88.6	61.1	59.5	57.8	63.0	ins.	ins.	81	84	SW	3	SSE	2	8	10
19	29.953	29.989	61.6	61.6	57.9	63.6	ins.	ins.	83	82	SW	3	S	2	9	10
20	30.134	30.137	61.3	58.5	58.5	63.7	ins.	ins.	75	80	SW	4	SW	2	5	9

ST. AUBIN'S, JERSEY.

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

JULY 1882.

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.	65.2	58.0	54.7	71.1	ins.	ins.	70	75	E 2	Calm	0	ins.	[in channel.
2	30.151	30.145	65.0	57.0	56.3	66.7	469	434	83	93	SW 1	Calm	0	—	☉ a. Warmest day this year. ☁
3	30.211	30.140	64.3	58.2	55.2	66.8	488	433	81	89	NW 1	Calm	0	—	☁ early a. Day gloomy. ☁ p.
4	29.972	29.736	57.5	59.0	55.0	66.2	380	467	80	94	SW 3	Calm	0	105	☁ a. Day fine.
5	721	784	60.8	57.0	54.7	63.7	440	377	83	81	W 3	WSW 5	5	9	Gloomy day.
6	669	549	61.0	56.3	55.3	61.0	407	387	77	85	SW 3	W 3	9	3	Squally.
7	531	543	61.0	56.9	55.3	65.3	439	395	82	86	SW 4	Why 8 2	3	7	Bar. 29.530 sp.
8	540	675	57.3	56.7	55.1	61.2	439	415	93	90	Shy W 2	SW 1	10	7	☉ 10.30a.—2p. T 1.55p.
9	743	837	61.2	55.2	54.8	63.8	440	352	82	81	SW 3	W 2	7	2	Gloomy day.
10	868	883	59.7	56.3	52.8	60.8	380	409	74	90	SW 4	Calm	0	7	☉ showers. Bar. 29.440 7p. [☁ p.
11	612	29.508	61.1	57.3	55.3	64.3	499	461	92	98	SW 3	WSW 3	10	10	Squally early a. ☉ a. Very fine day.
12	29.980	30.129	62.7	55.7	55.2	64.9	427	404	75	91	NW 3	WNW 2	3	4	☉ at times a.
13	30.009	29.816	59.0	60.3	53.4	66.8	407	437	82	84	SSW 3	SSW 2	9	10	Very cloudy. Warmest day this year.
14	29.760	687	63.5	62.6	59.0	70.0	489	479	83	84	S by W 3	SSW 3	9	10	Very cloudy day. ☉ p.
15	540	619	65.2	58.1	57.3	67.5	552	423	89	87	S by W 3	W 1	4	4	☉ a. Fine and bright p. ☁ p.
16	710	881	59.3	57.0	55.8	65.1	435	405	87	87	WSW 3	Why N 3	9	1	Fine a. Gloomy from 2p. Squally.
17	29.963	29.887	61.0	59.0	55.0	66.3	405	467	76	94	WSW 3	SSW 4	2	10	Fine a. Gloomy p.
18	30.025	30.033	63.0	60.3	56.4	69.4	462	471	80	90	W 3	W 3	7	3	☁ a. Fine a. Gloomy p.
19	182	218	62.4	57.9	57.2	68.8	442	400	79	83	SW 3	Calm	0	1	☁ a. Cloudy. Very fine p.
20	294	233	60.8	57.0	53.7	66.3	434	388	82	83	SW 3	Calm	0	6	Fine a. ☉ 5.20p.—5.40p.
21	30.117	30.024	60.9	60.0	54.0	67.7	395	495	74	96	SW 2	WSW 3	7	10	Gloomy a. Fine p. ☉ at times.
22	29.937	29.909	61.0	57.0	56.2	66.2	503	377	94	81	SSW 2	W 1	10	10	☉ n. and a. Day fine. ☉ 7.30p.
23	773	850	61.3	57.3	54.3	65.7	399	394	74	83	W 4	W 3	4	8	Day fine, but cold breeze.
24	916	29.991	61.0	57.3	54.2	65.0	416	399	78	84	W 4	W 2	7	10	☉ till 3.30p. Gloomy. Wind backing
25	29.836	30.051	56.0	55.5	54.8	58.2	416	403	92	91	SE 3	NW 1	10	2	[all day. ☁ p.
26	30.350	497	65.9	55.2	54.0	67.1	422	395	67	91	NW 2	Calm	0	2	☁ a. and p. Day extremely fine.
27	531	471	64.6	56.6	53.0	68.2	456	380	76	82	SW 1	Calm	0	6	☁ a. Day fine.
28	424	358	62.8	57.9	53.1	70.3	363	422	64	88	Calm	Calm	0	9	Cloudy a. Day extremely fine. ☁ p.
29	286	217	61.0	56.1	56.1	67.1	470	424	88	93	NW 1	NNW 1	10	1	Gloomy a. Extremely fine p. ☁ p.
30	203	262	63.8	60.2	54.7	69.8	467	489	79	94	SW 1	W 2	2	10	☉ a. [at times from 8p.
31	30.394	30.432	64.3	56.3	55.7	68.0	387	395	64	87	NNE 3	Calm	0	1	Extremely fine all day. ☁ p. ☉
Means	29.980	29.986	61.7	57.6	55.1	66.1	440	417	80.2	87.6	2.5	1.5	6.5	6.5	3.105

Earth temperature—Mean of 10 readings (every third day), at 1 foot 62° 8, 3 feet 61° 2, 6 feet 58° 7.

LONDONDERRY.

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

JULY 1882.

1	30°104	30°080	65°2	59°7	49°0	72°2	442	470	72	92	S	1	NE	1	10	10	200	Fine a. ☉ 11.30a.—2p., then fine.
2	30°098	30°105	68°7	59°0	53°8	70°0	439	407	62	82	S	1	SW	2	5	10	170	☉ showers all day.
3	29°894	29°691	59°7	62°7	54°0	68°0	430	521	85	92	SW	4	SW	4	10	10	450	☉ showers all day.
4	548	461	59°7	56°2	52°8	70°0	425	413	83	91	SW	3	SW	1	10	10	140	☉ showers.
5	360	332	64°5	53°7	49°6	66°0	397	387	65	94	SW	2	WSW	2	10	8	640	☉ showers.
6	232	158	55°7	52°7	49°8	62°6	390	375	88	94	NW	1	NE	1	10	10	210	☉ showers.
7	174	227	58°9	51°7	49°8	67°0	426	362	86	94	NW	1	E	1	8	6	100	☉ showers all day. T in the south p.
8	312	372	61°7	53°7	49°0	68°0	399	390	73	94	WSW	1	Calm	0	9	10	220	☉ showers.
9	432	521	59°7	54°9	50°0	67°0	346	375	68	87	SW	2	SSE	1	6	7	040	
10	559	618	58°7	54°0	45°6	72°2	374	385	75	92	S	3	NE	1	9	9	070	
11	666	719	62°5	54°4	44°6	65°5	413	373	73	88	NE	2	Calm	0	8	7	100	
12	847	828	61°7	57°8	48°4	68°0	373	394	68	82	N	1	S	1	9	10	300	
13	497	356	59°9	57°7	50°0	69°6	484	455	94	95	S	2	NW	1	10	10	860	☉ Noon—4p. ☉ 2 8p.—9.30p.
14	388	211	64°5	58°1	52°6	69°0	395	447	65	91	SW	3	SE	4	7	10	290	Fine a. ☉ p.
15	149	175	60°5	57°2	52°6	67°0	397	400	76	85	S	3	S	3	7	10	080	☉ showers.
16	245	565	59°7	54°7	51°6	64°2	396	355	77	83	SW	3	W	4	9	9	050	
17	596	452	59°7	54°3	48°0	66°5	346	382	68	90	S	2	S	2	9	8	210	
18	532	470	58°1	53°7	49°0	66°4	366	362	75	88	S	4	S	4	10	9	480	☉ Noon.
19	687	819	58°2	54°7	50°0	70°0	363	333	75	77	SW	4	SW	4	10	10	180	
20	902	934	56°8	53°6	47°0	67°5	375	369	81	90	S	3	S	1	9	10	240	
21	770	695	63°9	55°7	49°0	68°0	375	388	63	87	NW	1	Calm	0	6	10	030	☉ showers.
22	611	517	58°7	52°8	50°2	64°8	357	348	72	87	S	2	S	2	10	4	050	☉ showers.
23	345	365	58°7	52°9	49°0	66°0	354	362	71	91	S	2	NW	1	5	9	180	
24	586	29°777	58°7	54°7	48°8	64°0	384	351	77	81	SSW	1	NW	1	8	10	070	
25	29°935	30°173	55°5	51°7	46°0	62°5	349	337	79	88	S	2	Calm	0	10	1	010	Overcast day. ☉ a.
26	30°356	331	63°7	56°8	45°5	67°0	374	377	64	81	N	1	SSW	2	9	10	160	
27	179	251	59°7	54°7	50°0	67°0	425	406	83	95	SW	2	SW	1	10	1	060	
28	340	317	61°7	57°7	51°0	66°0	425	434	77	91	NNW	1	Calm	0	10	10	—	Dull and overcast.
29	213	104	57°7	59°7	51°2	64°0	381	487	79	95	S	2	S	1	10	10	030	Overcast day.
30	140	267	60°6	52°9	50°8	63°3	338	351	64	88	NW	2	W	2	8	3	100	
31	30°218	30°028	54°7	59°2	49°6	63°0	377	487	88	97	S	2	SW	2	10	10	860	☉ all day till 8p.
Means	29°795	29°797	60°2	55°6	49°6	66°8	391	396	75°0	89°1	2°1	1°6	8°7	8°4	6°580			

MARKREE CASTLE, SLIGO.

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

JULY 1882.

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	56°3	54°5	65°4	in.	in.	%	%	Calm	0	Calm	0	10	10	ins.	*205
2	30°094	30°078	58°2	56°3	54°5	65°4	448	427	92	94	Calm	0	Calm	0	10	10	0°12	
3	30°104	30°102	57°2	58°0	51°0	64°9	434	427	93	88	Calm	0	Calm	0	10	10	0°12	
4	29°905	29°678	59°3	60°0	55°1	67°2	435	492	87	95	SSW 3	SW 3	Calm	0	10	10	0°36	
5	532	446	61°0	55°1	51°6	64°4	445	382	83	88	Calm	0	Calm	0	10	8	0°72	
6	367	359	56°5	53°1	49°3	61°4	387	379	85	93	Calm	0	Calm	0	10	10	0°72	
7	216	146	55°3	51°1	49°9	62°6	358	350	82	93	Calm	0	Calm	0	10	7	0°06	
8	155	209	59°0	52°7	46°4	64°6	367	367	74	92	Calm	0	Calm	0	10	10	0°22	
9	300	371	61°0	53°9	49°3	66°5	366	386	69	93	Calm	0	Calm	0	8	10	0°54	
10	430	520	58°8	54°1	46°5	66°1	335	365	68	87	Calm	0	Calm	0	10	10	0°30	T p.
11	547	600	60°2	51°6	47°5	65°1	383	343	73	90	SSW 1	Calm	0	10	10	0°05	Evening observations taken at 9.30p.	
12	571	735	60°0	54°1	44°4	63°4	385	379	74	90	Calm	0	NW 1	10	10	5	0°70	
13	873	776	59°2	51°2	50°5	63°4	400	353	80	94	NW 1	Calm	0	9	10	9	0°71	
14	471	352	62°1	57°0	50°3	64°9	489	411	88	88	SW 3	Calm	0	10	9	0°83		
15	349	102	62°0	59°4	52°7	64°2	416	464	75	93	S 3	SSE 4	6	10	10	0°91		
16	116	092	57°8	55°1	51°1	63°0	427	408	89	93	SSE 2	SW 4	10	10	10	0°38		
17	336	604	57°7	53°6	53°3	60°4	422	342	88	83	WNW 2	Calm	0	10	10	0°38		
18	509	454	54°9	54°1	46°1	64°0	384	379	90	90	S 3	Calm	0	10	10	0°16		
19	497	465	54°8	53°1	50°3	64°7	381	362	89	89	S 2	SSW 3	10	10	10	0°16	T 11a. ☾ 1p.	
20	712	843	61°0	52°7	50°5	65°1	351	346	66	87	S 3	Calm	0	10	10	0°36		
21	927	873	58°6	53°4	46°5	65°9	389	374	79	91	W 3	SSE 2	7	10	10	0°74	▲ 11a.	
22	764	673	60°0	53°3	51°4	61°4	377	373	73	92	Calm	0	Calm	0	9	10	0°14	
23	616	481	57°1	51°8	51°3	61°8	360	341	77	88	Calm	0	SSW 2	10	10	10	0°57	
24	251	410	55°1	54°1	49°5	61°9	341	365	79	87	S 3	WNW 1	10	10	10	0°36		
25	618	20°776	58°2	56°7	48°3	62°4	401	298	82	65	Calm	0	Calm	0	9	3	0°10	
26	39°039	30°184	56°1	52°2	44°8	62°2	318	335	71	86	NW 2	Calm	0	9	0	0	—	
27	30°349	352	63°0	58°8	40°1	67°1	369	365	64	74	Calm	0	SSE 2	7	10	10	0°10	
28	170	251	58°5	56°3	53°3	67°4	446	418	92	92	SSE 4	Calm	0	10	10	10	0°72	
29	327	308	59°0	54°1	53°3	64°9	427	365	86	87	Calm	0	Calm	0	10	10	—	
30	196	105	57°4	60°0	51°2	65°2	409	488	87	95	S 2	Calm	0	10	10	10	0°38	
31	170	280	58°0	53°3	53°0	61°4	355	334	74	82	NNW 3	Calm	0	10	3	10	0°04	
31	30°199	30°170	56°9	46°6	61°9	368	491	80	96	SSW 3	SSE 2	10	10	10	10	10	0°18	
Means	20°607	20°703	58°5	54°8	49°7	64°1	393	384	80°3	88°9	1°4	0°8	9°3	8°7	3°019			

BIRR CASTLE, PARSONSTOWN.

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

JULY 1882.

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.	59.5	59.9	59.5	59.5	ins.	ins.	85	90	W 0.3	W 0.3	9	10	ins.	
2	30.116	30.107	59.5	59.9	59.5	59.5	429	457	85	90	Calm	Calm	10	9	—	☁ (mist) 9p.
3	30.137	30.106	62.0	61.0	61.0	61.0	442	437	80	94	WSW 1	S 3	7	10	0.01	Squally 9p.
4	30.000	29.776	62.1	61.2	60.4	60.2	426	465	76	86	WSW 1	S 3	7	10	0.01	☁ (mist) 9p.
5	29.591	29.506	60.7	54.5	54.4	64.3	387	402	73	94	SW 2	W 0.2	8	10	0.189	
6	29.427	29.456	59.0	52.5	50.1	62.2	380	338	76	86	W 2	SSW 2	7	10	0.029	
7	29.175	29.175	58.0	51.8	50.8	62.3	367	365	76	94	S 1	Calm	10	10	0.455	
8	29.183	29.250	54.5	51.9	47.7	63.9	374	349	88	91	SW 0.3	Calm	9	7	0.225	
9	29.312	29.428	58.3	54.3	45.3	65.0	397	371	81	88	Calm	WSW 2	6	10	0.049	
10	29.499	29.588	58.8	53.2	48.2	63.5	332	360	67	89	SSW 2	Calm	5	9	0.106	
11	29.612	29.636	58.5	55.8	46.1	64.4	368	405	75	91	SSW 1.5	Calm	9	10	0.131	
12	29.545	29.757	58.5	52.5	52.0	61.0	378	351	77	89	N 1	NW 0.1	9	2	0.159	
13	29.927	29.849	60.5	53.6	47.4	65.0	349	378	66	92	WNW 1.5	SE 2	3	10	0.168	
14	29.535	29.425	62.2	56.9	52.8	64.7	481	437	86	94	SE 1	Calm	10	9	0.448	
15	29.409	29.158	56.9	59.8	56.2	61.0	421	479	92	93	SE 0.5	SE 0.5	10	10	0.249	
16	29.203	29.228	60.6	56.6	53.0	63.5	385	394	74	85	SSW 1	SSW 2	7	10	0.215	Squally p.
17	29.393	29.665	62.5	54.7	54.7	63.2	407	338	72	78	SW 1	SW 0.5	6	8	0.156	
18	29.576	29.522	54.0	55.6	49.6	63.9	388	380	93	85	SE 1	SE 2	10	4	0.635	☉ K p.
19	29.583	29.578	57.5	55.1	49.6	65.8	372	371	78	85	S 1	SSW 3	9	10	0.213	Squally p.
20	29.815	29.555	60.1	53.4	52.3	62.0	356	337	69	83	WSW 3	SSW 2	10	8	0.018	Squally a.
21	29.017	29.863	56.7	53.5	48.7	63.0	354	376	76	91	SSW 1.5	ESE 3	3	10	0.338	Squally before 9a.
22	29.812	29.741	58.3	55.8	48.4	66.3	373	360	76	83	WNW 0.5	WSW 0.2	9	10	0.028	☁ (mist) 9p.
23	29.684	29.563	58.1	52.5	52.2	60.0	329	346	68	88	WNW 1	SSE 1.5	6	9	0.000	Squally p. ☁ (mist) 9p.
24	29.308	29.477	58.5	52.7	49.4	60.0	373	341	76	86	SW 2	SW 2	7	3	0.148	☁ (mist) 9p.
25	29.677	29.790	57.7	53.1	50.3	64.9	358	354	75	87	SW 1	Calm	7	6	—	
26	29.945	29.188	58.3	53.4	47.0	64.9	329	340	67	83	NNW 0.5	NW 0.5	9	0	—	
27	29.385	29.373	58.3	56.6	42.1	67.0	366	345	75	75	Calm	SSE 1.5	4	10	0.040	
28	29.243	29.284	58.7	58.9	54.9	66.9	449	462	91	94	S 1	W 0.2	10	9	0.110	
29	29.362	29.354	59.3	57.1	56.4	63.1	412	404	82	86	NW 0.3	W 0.5	10	10	—	
30	29.247	29.164	60.0	60.8	46.7	65.3	395	499	76	94	SW 0.5	SW 1	9	10	0.042	
31	29.193	29.326	56.3	51.0	51.0	65.0	407	316	89	84	NW 1	Calm	10	1	—	☁ (mist) 9p.
Means	29.751	29.761	58.8	55.3	50.6	64.0	385	388	77.7	88.0	1.0	1.1	8.0	8.2	4.411	

KILLARNEY.

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

JULY 1882.

1	—	—	63.0	—	—	68.2	—	—	—	—	SW 2	—	7	—	—	
2	—	—	64.2	—	—	70.0	—	—	—	—	SW 1	—	6	—	—	
3	—	—	65.0	—	—	70.2	—	—	—	—	W 3	—	6	—	0.200	
4	—	—	66.5	—	—	68.0	—	—	—	—	W 1	—	7	—	0.300	
5	—	—	67.0	—	—	69.0	—	—	—	—	Calm	—	6	—	0.050	
6	—	—	69.3	—	—	63.7	—	—	—	—	W 1	—	8	—	0.020	
7	—	—	55.7	—	—	66.0	—	—	—	—	SW 1	—	5	—	—	
8	—	—	56.5	—	—	63.0	—	—	—	—	S 1	—	6	—	0.010	
9	—	—	57.7	—	—	66.2	—	—	—	—	W 2	—	7	—	—	
10	—	—	59.2	—	—	65.0	—	—	—	—	Calm	—	7	—	0.150	
11	—	—	60.0	—	—	68.0	—	—	—	—	W 3	—	6	—	0.050	
12	—	—	60.2	—	—	67.5	—	—	—	—	SW 2	—	6	—	—	
13	—	—	58.5	—	—	62.7	—	—	—	—	W 2	—	8	—	0.250	
14	—	—	62.7	—	—	64.2	—	—	—	—	Calm	—	7	—	0.330	
15	—	—	61.0	—	—	68.5	—	—	—	—	NW 3	—	6	—	0.200	
16	—	—	61.5	—	—	67.0	—	—	—	—	NW 2	—	8	—	0.250	
17	—	—	60.7	—	—	68.2	—	—	—	—	W 2	—	7	—	0.090	
18	—	—	59.5	—	—	64.5	—	—	—	—	W 3	—	6	—	0.450	
19	—	—	63.2	—	—	68.2	—	—	—	—	SW 2	—	5	—	0.350	
20	—	—	59.5	—	—	66.0	—	—	—	—	W 3	—	9	—	0.400	
21	—	—	65.5	—	—	69.2	—	—	—	—	SW 1	—	6	—	0.050	
22	—	—	68.2	—	—	70.0	—	—	—	—	NW 1	—	6	—	0.150	
23	—	—	65.5	—	—	68.7	—	—	—	—	SW 1	—	7	—	—	
24	—	—	64.7	—	—	68.2	—	—	—	—	NW 2	—	6	—	0.080	
25	—	—	66.2	—	—	70.0	—	—	—	—	SW 2	—	4	—	—	
26	—	—	65.0	—	—	69.7	—	—	—	—	SW 1	—	5	—	—	
27	—	—	68.5	—	—	70.2	—	—	—	—	SW 3	—	4	—	0.010	
28	—	—	64.7	—	—	67.0	—	—	—	—	W 1	—	6	—	0.100	
29	—	—	67.0	—	—	70.2	—	—	—	—	NW 2	—	4	—	—	
30	—	—	66.5	—	—	69.0	—	—	—	—	NW 3	—	4	—	—	
31	—	—	66.5	—	—	70.5	—	—	—	—	W 2	—	7	—	—	
Means	—	—	62.9	—	—	67.6	—	—	—	—	1.7	—	6.2	—	3.490	

During observer's absence from home, observations were taken at 9 a.m. only.

DUNROBIN CASTLE.

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

AUGUST 1882.

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.	64.2	59.2	54.1	67.5	in.	in.	%	%	W	W	—	—	ins.	Dull a. Fine p.
2	29.896	29.822	64.2	59.2	54.1	67.5	428	449	71	90	W	NW	—	—	0.070	☂ (high gale) from NW.
3	29.474	29.830	61.2	57.4	50.6	62.9	490	438	91	93	W	W	—	—	—	Blow a. ☂ (gale) mid-day. Fair p.
4	29.955	30.112	58.9	58.6	44.9	60.2	454	458	92	93	NW	W	—	—	—	Fine all day.
5	30.107	30.112	60.4	59.4	43.7	60.9	457	446	88	89	NW	W	—	—	—	Fine all day.
6	29.150	29.109	58.9	58.2	55.6	64.4	438	457	89	94	W	NE	—	—	—	Fine all day.
7	29.009	29.078	59.2	59.2	53.6	68.1	442	481	89	96	W	W	—	—	—	Fine all day.
8	29.149	29.210	60.4	53.5	51.6	65.4	383	382	73	94	W	W	—	—	—	Fine all day.
9	29.224	29.202	58.4	56.9	53.5	60.6	388	421	79	91	S	NE	—	—	—	Fine all day.
10	29.219	29.250	55.5	58.4	50.4	67.7	310	402	71	82	W	S	—	—	—	Fine a. Very fine p.
11	29.192	29.120	60.4	54.0	52.6	73.5	418	403	80	97	S	N	—	—	—	Very fine.
12	29.012	29.886	58.4	56.5	52.8	78.2	380	442	78	97	SW	W	—	—	—	Very fine.
13	29.814	29.824	60.2	57.0	54.6	71.5	407	425	78	91	SW	N	—	—	—	Fine.
14	29.787	29.622	58.6	56.0	53.8	66.8	372	405	76	90	SE	SE	—	—	0.130	Fine a. ☉ K p.
15	29.569	29.624	60.4	57.4	54.6	66.2	463	468	89	99	S	S	—	—	0.120	Dull a. ☉ 2 showers p.
16	29.574	29.632	59.4	56.4	57.1	63.2	484	479	96	92	E	E	—	—	0.060	Dull a. Fine p.
17	29.666	29.741	60.2	57.0	55.6	62.9	435	450	84	97	SW	SW	—	—	—	Dull a. Fine p.
18	29.769	29.700	59.2	57.6	51.8	62.2	481	457	96	96	SE	SW	—	—	0.140	—
19	29.824	29.935	61.6	52.7	48.6	67.1	493	334	74	84	SW	S	—	—	—	Fine a. Dull p.
20	29.858	29.827	56.3	57.4	49.1	61.9	361	409	79	87	S	S	—	—	0.250	Fine a. ☉ 2 p.
21	29.737	29.434	56.3	57.9	44.7	62.4	361	381	79	80	SW	SW	—	—	—	Fine a. Dull p.
22	29.286	29.335	58.9	55.7	50.1	63.2	417	493	85	91	SW	SW	—	—	0.180	—
23	29.475	29.343	57.3	50.3	49.6	60.9	361	319	77	88	SW	S	—	—	—	—
24	29.194	29.244	58.9	49.5	46.7	60.9	348	286	71	81	SW	SW	—	—	0.090	Fine a. ☉ 2 showers p.
25	29.202	29.391	57.9	53.5	45.7	61.4	361	354	75	87	W	SW	—	—	—	Fine but cool.
26	29.388	29.465	57.4	52.3	49.6	61.9	365	331	77	84	SW	SW	—	—	—	Dull.
27	29.519	29.591	60.2	51.7	49.1	60.2	335	352	64	92	W	SW	—	—	0.200	Fine a. Dull p.
28	29.672	29.688	59.6	56.0	51.4	60.2	373	306	73	68	SE	W	—	—	—	Dull a. Cloudy p.
29	29.568	29.314	50.3	53.3	50.3	57.4	344	399	95	98	NE	NE	—	—	0.540	Dull a. ☉ p.
30	29.391	29.690	50.5	50.3	49.1	56.9	347	277	95	76	NE	NE	—	—	0.240	Dull, with ☉.
31	29.861	29.891	52.5	52.7	49.1	58.9	342	315	87	79	E	W	—	—	—	Dull.
31	29.019	29.527	52.7	52.6	57.6	266	295	68	75	SE	SE	—	—	—	0.130	Dull a. Clear, but windy p.
Means	29.762	29.776	58.2	55.6	50.9	63.6	394	394	81.3	88.7	—	—	—	—	2.150	—

LAUDALE.

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

AUGUST 1882.

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°	59°	55°	60°	in.	in.	%	%	SW	1	W	3	10	10	ins.	[Strong squall about 9p.	
2	29°969	29°919	58°	59°	55°	60°	407	404	97	93	SW	1	W	3	10	10	780	● till 6.30p. (mist) all day.	
3	29°783	29°976	56°	58°	52°	59°	412	355	89	85	W	7	WNW	4	10	10	020	(gale) 5a.—3p. ● till Noon. (mist).	
4	30°153	30°255	55°	56°	51°	58°	320	320	74	77	WNW	5	WNW	3	10	4	—	Dull and gloomy. (mist) a.	
5	29°279	29°274	57°	57°	49°	61°	399	437	86	93	NW	3	NW	2	9	10	050	Gloomy. (mist) a. and p.	
6	29°254	29°239	58°	55°	53°	61°	427	424	88	96	NW	2	NW	2	10	10	040	Gloomy. (mist) a. and p.	
7	29°111	29°136	58°	55°	53°	61°	444	386	91	89	W	3	NW	2	10	10	030	Gloomy. (mist) a. and p.	
8	29°202	29°217	57°	51°	51°	60°	349	346	74	89	W	1	Calm	0	10	2	—	Gloomy till Noon. (mist) a. (on hills 9a.	
9	29°266	29°208	57°	59°	49°	65°	388	436	83	88	ESE	1	Calm	0	8	10	—	Lower clouds moving fast from SW.	
10	29°266	29°287	58°	54°	52°	65°	405	388	82	93	Calm	0	Calm	0	2	0	—	Cir. SW.—NE. 9a. Fine day.	
11	29°164	29°164	56°	61°	51°	74°	403	353	87	66	E	1	Calm	0	0	1	—	(mist) till 8a. Fine day.	
12	30°068	29°954	67°	61°	54°	74°	458	470	69	88	SE	1	Calm	0	1	10	—	Fine a. Gloomy p. Clouds from SW. 9p.	
13	29°866	29°816	61°	60°	58°	65°	413	415	78	80	Calm	0	Calm	0	10	10	—	Gloomy a. and p. Black clouds from [SW. p.	
14	29°726	29°590	62°	59°	54°	68°	427	488	77	95	Calm	0	Calm	0	10	10	260	Gloomy day. 9p. (large flashes).	
15	29°595	29°595	59°	58°	57°	66°	421	421	95	87	Calm	0	Calm	0	10	10	440	Gloomy, with (mist).	
16	29°457	29°575	57°	56°	54°	63°	422	413	91	92	SSE	1	Calm	0	10	10	150	Gloomy, with (mist).	
17	29°659	29°754	59°	57°	55°	63°	441	437	88	94	W	1	NNW	1	8	10	—	Gloomy, with (mist).	
18	29°741	29°704	58°	56°	54°	63°	421	408	87	88	ESE	1	S	3	10	10	170	Gloomy. (mist) a. and p. 2 sp.	
19	29°901	29°915	58°	56°	50°	64°	386	380	89	82	W	2	Calm	0	7	8	020	(mist) a. Beautiful sunset.	
20	29°843	29°871	60°	53°	53°	63°	394	358	76	86	Calm	0	W	1	9	8	050	(mist) p.	
21	29°661	29°450	56°	55°	51°	58°	362	399	80	91	S	7	SW	3	10	10	680	Gloomy. in squalls. (mist).	
22	29°376	29°484	54°	56°	53°	66°	384	370	91	82	SW	8	W	6	10	10	990	(gale) all day. (mist) a. and p.	
23	29°591	29°329	53°	50°	49°	56°	355	333	87	92	NW	4	Calm	0	10	8	040	(mist) a. Gloomy.	
24	29°179	29°239	53°	51°	46°	56°	327	319	81	84	NNW	2	W	2	9	8	030	Gloomy.	
25	29°329	29°454	52°	52°	43°	60°	348	341	86	86	NNW	1	Calm	0	7	4	130	(mist) a.	
26	29°394	29°407	54°	52°	50°	59°	394	345	94	86	Calm	0	Calm	0	10	9	030	(mist) a. Dull and overcast.	
27	29°534	29°657	57°	52°	51°	60°	405	363	87	92	NW	2	NW	3	10	10	050	(mist) a. Dull and overcast.	
28	29°693	29°706	56°	53°	51°	57°	399	371	89	92	NW	3	Calm	0	9	10	020	(mist) a. Dull and overcast.	
29	29°503	29°345	54°	52°	50°	55°	382	335	91	86	S	5	Calm	0	10	10	070	Gloomy. in squalls from S. a.	
30	29°388	29°726	54°	53°	46°	58°	382	358	90	89	W	2	NW	2	10	9	060	(mist) a.	
31	29°063	29°047	52°	48°	47°	57°	328	290	82	87	NNW	4	Calm	0	10	0	—	(mist) a.	
Means	29°803	29°809	56°	55°	51°	61°	394	382	84°	87°	2°	3	1°	3	8°	8°	4°	330	a. Overcast all day.

DUNDEE.

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

AUGUST 1882.

1	29°933	29°870	59°S	60°S	53°2	60°S	*473	*459	93	87	SE	2	E	1	10	10	—	Dull day.
2	29°617	29°866	59°S	57°S	57°2	69°7	*385	*383	76	81	NW	2	NW	2	5	10	—	
3	30°075	30°200	57°S	55°4	47°2	64°7	*268	*355	57	81	NW	2	NW	2	10	7	—	Fine.
4	*234	*190	53°4	60°S	49°2	64°7	*282	*400	69	76	NW	1	NW	2	10	10	—	Dull.
5	*148	*149	64°S	59°S	54°2	71°7	*408	*385	67	76	NW	6	NW	4	5	7	—	Fine.
6	*041	*080	64°S	57°S	50°2	71°7	*408	*383	67	81	W	4	NW	4	5	5	—	Fine.
7	*157	*226	60°S	54°4	46°3	69°7	*400	*394	76	93	W	1	SE	1	10	10	—	Fine.
8	*205	*205	63°S	53°4	48°2	66°7	*420	*380	72	93	SE	1	SE	1	5	10	—	Fine.
9	*237	*273	59°S	55°4	52°2	72°7	*442	*410	87	93	W	1	NE	1	10	7	—	Fine.
10	*225	30°163	65°S	61°S	47°2	80°9	*452	*416	72	77	SE	1	W	1	5	0	—	Fine.
11	30°102	29°975	69°S	63°S	52°2	79°9	*464	*449	65	77	W	2	SW	4	5	10	—	Fine.
12	29°906	*840	62°S	58°S	54°2	72°7	*462	*426	82	87	W	2	W	1	10	10	—	Dull.
13	*800	*650	61°S	58°S	50°2	66°7	*476	*456	87	93	SE	1	SE	1	10	10	—	Dull. T to SW. 1p.—2p.
14	*613	*651	60°S	57°S	56°2	69°7	*459	*440	87	93	SE	1	SE	1	10	10	150	Dull. showers.
15	*520	*533	58°S	57°S	55°2	64°7	*488	*440	99	93	SE	1	SE	1	10	10	100	
16	*604	*683	59°S	58°S	55°2	64°7	*473	*456	93	93	NE	1	W	1	10	10	200	
17	*760	*758	57°S	57°S	56°2	62°7	*440	*411	93	86	SE	1	SW	1	10	10	050	
18	*858	*917	60°S	56°S	53°2	68°7	*400	*424	76	93	W	1	W	1	5	5	—	
19	*860	*848	58°S	52°4	48°2	70°7	*398	*315	81	80	SW	1	SW	1	5	7	—	Fine.
20	*789	*502	59°S	55°4	46°3	64°7	*359	*410	71	93	SW	1	SW	2	5	10	050	showers from Noon.
21	*349	*351	59°S	54°4	52°2	63°7	*359	*316	71	74	W	6	W	6	5	10	—	
22	*523	*336	58°S	51°4	51°2	62°7	*323	*304	66	80	NW	6	NW	2	5	10	—	
23	*093	*208	52°4	49°4	47°2	60°7	*292	*280	74	80	NE	6	NW	1	10	10	050	
24	*279	*365	56°S	53°4	43°3	68°7	*298	*327	65	80	NW	1	NW	1	5	10	—	Fine.
25	*382	*395	60°S	53°4	47°2	70°7	*400	*380	76	93	SW	1	W	1	3	10	—	T 2p.
26	*486	*555	56°S	55°4	50°2	64°7	*395	*355	86	81	W	1	W	1	10	10	—	
27	*624	*676	59°S	54°4	49°2	67°7	*359	*366	71	87	NW	2	SE	1	5	10	—	
28	*566	*298	56°S	52°4	52°2	59°7	*344	*394	75	100	SW	1	SW	1	10	10	100	from 1.30p.
29	*305	29°632	51°4	52°4	46°3	60°7	*353	*315	93	80	W	2	W	1	10	10	050	
30	29°851	30°034	56°S	49°4	47°2	64°7	*344	*280	75	80	NE	2	NE	1	5	10	050	
31	30°031	29°853	53°4	51°4	39°3	60°7	*327	*304	80	80	SW	1	SE	6	10	10	350	Fine.
Means	29°780	29°783	59°S	55°8	50°2	67°1	*392	*381	77°5	85°2	2°0		1°8	7°5	9°0	1°150		

ROTHESAY.

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

AUGUST 1882.

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°	57°	55°	59°	in.	in.	%	%	WSW	WSW	—	—	ins.	Dull and blowy, with ☉.
2	30°029	30°029	57°	57°	55°	59°	474	472	100	100	W	NW	—	—	570	Cloudy and blowy. T 6p.
3	29°845	29°815	56°	52°	50°	59°	408	380	91	98	NW	NW	—	—	030	○ a. Blowy.
4	30°157	30°260	56°	53°	47°	60°	333	352	72	87	NW	NW	—	—	020	Blowly.
5	29°292	29°292	57°	57°	48°	62°	403	452	86	96	NW	NW	—	—	—	Fine.
6	29°269	29°266	56°	55°	52°	65°	435	429	84	98	NW	NW	—	—	—	Cloudy and mild.
7	29°169	29°166	57°	55°	52°	61°	452	409	94	93	W	NW	—	—	—	Fine and warm. ○ 7p.
8	29°206	29°228	55°	51°	49°	63°	388	358	87	96	NW	NW	—	—	—	Clear and warm.
9	29°263	29°235	55°	54°	44°	65°	406	414	94	98	SE	NW	—	—	—	Clear and warm.
10	29°260	29°288	63°	59°	49°	70°	466	399	80	78	SW	Cal	—	—	—	Clear and hot.
11	29°269	29°269	68°	58°	47°	75°	526	438	77	89	SE	Cal	—	—	—	∞ p.
12	30°141	30°018	69°	56°	50°	74°	552	415	78	90	SSE	S	—	—	—	Fine, but with ∞.
13	29°922	29°851	61°	54°	53°	66°	486	388	90	91	S	Cal	—	—	—	Dull and warm. K 6p.—10p.
14	29°754	29°629	59°	61°	50°	69°	440	336	88	97	NE	Cal	—	—	686	Cloudy and breezy.
15	29°643	29°630	58°	57°	55°	68°	485	480	99	100	SW	S	—	—	290	☉ a. Fair p.
16	29°480	29°568	55°	56°	52°	65°	435	422	99	94	SW	W	—	—	090	Fine.
17	29°650	29°760	62°	56°	53°	72°	493	448	88	99	N	NW	—	—	—	Cloudy a.
18	29°781	29°765	59°	56°	52°	65°	439	454	86	99	SSW	SSE	—	—	310	Cloudy and dull.
19	29°912	29°936	58°	57°	50°	65°	423	446	87	94	SW	SSW	—	—	070	Cloudy.
20	29°890	29°911	58°	54°	52°	65°	461	391	95	93	SW	W	—	—	—	Dull, with ☉.
21	29°776	29°555	57°	54°	47°	65°	401	384	86	89	SSE	SW	—	—	362	(fierce gale) all day.
22	29°470	29°527	56°	55°	51°	59°	409	395	89	91	W	NW	—	—	192	Cloudy, blowy, and chilly.
23	29°645	29°384	56°	51°	49°	59°	372	353	80	94	WNW	W	—	—	015	Blowly, with ☉ showers.
24	29°191	29°300	53°	49°	46°	61°	320	327	80	94	NW	SW	—	—	085	Fine.
25	29°335	29°450	58°	48°	46°	62°	396	319	81	96	E	WNW	—	—	136	Fine. ☾ ² 3p.
26	29°408	29°477	56°	49°	46°	64°	423	319	92	90	SW	NW	—	—	005	Chilly.
27	29°553	29°659	55°	53°	47°	63°	415	387	94	95	NW	NW	—	—	—	Breezy and fine.
28	29°706	29°728	55°	54°	50°	64°	395	394	91	94	NW	NW	—	—	040	Dull, with ∞ ☉.
29	29°611	29°384	53°	49°	47°	57°	390	340	96	98	SSE	Cal	—	—	733	—
30	29°381	29°693	53°	54°	44°	63°	366	347	89	83	NW	NW	—	—	—	—
31	29°941	29°053	55°	47°	46°	61°	347	307	77	95	NNW	NW	—	—	—	Fine.
32	29°088	29°750	56°	54°	40°	64°	358	374	78	88	SE	ESE	—	—	490	○
Means	29°837	29°839	58°	54°	49°	64°	423	398	87°	93°	—	—	—	—	4°	124

SCALEBY (NEAR CARLISLE).

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

AUGUST 1882.

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	61.3	53.8	64.0	ins.	ins.	93	90	SW 5	SW 4	10	10	ins.	
2	30.051	30.025	57.8	55.3	55.0	62.0	477	487	93	90	SW 7	SW 4	10	5	—	
3	29.873	30.005	57.8	55.3	55.0	62.0	374	338	78	78	SW 2	SW 2	6	1	—	
4	30.088	30.232	58.8	52.3	50.5	65.0	304	299	61	77	W 2	NW 4	9	10	—	
5	30.1	30.240	57.3	59.3	43.0	65.0	365	424	78	84	W 2	NW 4	9	10	—	
6	228	246	61.8	56.3	52.5	71.0	421	400	77	88	W 1	SW 1	9	1	—	
7	149	132	60.0	58.8	50.0	69.5	407	401	78	81	SW 4	SW 4	9	10	—	
8	189	216	56.3	56.3	50.0	67.8	352	406	78	89	SW 1	Calm	10	1	—	
9	209	205	60.8	56.8	46.0	71.2	404	400	77	86	E 1	Calm	3	0	—	
10	236	247	54.8	57.6	50.0	74.0	397	418	92	87	SW 1	E 1	10	1	—	
11	273	223	62.3	59.8	50.2	74.5	473	418	85	81	W 1	Calm	10	0	—	
12	30.174	30.105	65.8	57.0	47.2	74.0	505	425	80	91	Calm	S 2	0	5	—	
13	29.963	29.849	62.8	57.6	50.5	70.0	422	431	74	90	S 2	Calm	0	0	—	
14	763	700	67.8	57.8	54.0	73.0	477	421	70	87	Calm	E 2	7	10	0.070	
15	666	684	61.8	58.8	57.8	69.0	473	430	86	87	SW 4	SW 3	10	5	280	
16	526	556	59.3	51.3	51.2	64.0	424	340	84	90	S 5	SW 3	10	4	160	
17	615	603	58.3	60.3	45.8	68.0	367	470	76	90	W 2	S 2	5	10	0.010	
18	783	804	61.3	56.8	56.8	65.2	472	400	87	85	N 3	Calm	10	10	0.030	
19	903	953	60.8	56.0	54.0	68.0	391	404	74	90	W 2	NW 2	5	3	—	
20	927	909	56.6	54.0	49.0	62.2	416	379	90	91	W 1	W 2	5	3	0.030	
21	849	585	57.6	58.3	45.0	65.0	447	409	94	96	SW 4	SW 4	5	10	500	
22	541	525	59.8	54.8	53.8	61.0	384	427	75	99	W 6	SW 10	10	10	140	
23	647	276	56.6	50.8	50.0	59.0	446	369	97	99	SW 6	Calm	10	10	1.000	
24	075	307	50.8	50.8	47.0	59.0	356	369	95	99	NW 1	E 2	10	1	100	
25	329	436	52.8	52.8	47.1	65.2	397	397	99	99	Calm	W 1	10	3	0.010	
26	386	409	59.8	53.8	45.3	65.0	477	412	93	99	S 3	Calm	4	5	110	
27	533	635	54.8	55.8	45.2	61.1	421	413	98	92	SW 1	W 3	10	10	0.020	
28	665	720	55.3	54.8	53.0	63.2	419	427	96	99	SW 1	SW 2	10	9	—	
29	638	391	54.8	49.6	49.0	63.8	427	353	99	99	SW 1	SW 2	10	3	600	
30	328	29.647	53.6	50.3	48.0	59.0	409	349	99	96	Calm	SW 2	10	10	120	
31	29.875	30.095	57.8	48.3	48.0	61.0	430	336	89	99	NW 3	NW 2	4	2	0.050	
Means	29.832	29.834	58.5	55.4	49.6	66.0	410	400	85.5	90.9	2.4	2.2	7.6	5.5	3.280	

SCARBOROUGH.

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

AUGUST 1882.

1	30.032	30.014	61.4	63.8	53.4	67.0	487	500	81	84	SW 3	W 4	6	5	0.020	
2	29.876	29.920	65.4	57.4	57.4	68.5	428	335	69	71	W 5	W 4	4	1	—	
3	30.069	30.175	61.8	54.6	52.5	62.5	301	329	54	77	NNW 4	N 2	5	2	—	
4	223	228	60.8	56.4	50.0	62.1	278	353	52	78	NNW 3	W 2	5	8	—	
5	160	163	68.6	64.1	56.4	60.8	403	409	57	69	NW 2	W 1	6	8	—	
6	124	092	62.6	60.8	53.7	74.3	413	430	73	81	W 2	N 1	2	6	—	
7	156	197	59.8	55.4	55.4	63.3	421	378	82	87	N 2	N 1	6	6	—	
8	163	216	58.1	54.1	53.7	60.6	385	373	80	89	N 1	NE 1	4	7	—	
9	221	289	54.4	54.7	50.6	59.0	385	361	92	85	NE 1	NE 1	6	8	—	
10	281	231	63.5	61.5	53.0	68.5	385	403	66	75	WSW 1	SW 2	1	0	—	
11	198	30.096	67.6	59.7	56.6	74.7	404	403	60	79	WSW 1	SW 3	0	0	—	
12	30.022	29.924	64.5	57.6	53.3	65.7	447	431	74	91	SE 1	SE 2	1	3	—	
13	29.819	754	61.4	64.9	56.6	68.1	470	507	87	83	ESE 1	WSW 2	8	6	160	
14	767	758	66.7	62.6	57.3	72.8	456	436	69	77	SW 3	WSW 2	4	2	0.050	
15	640	597	62.6	53.2	53.0	66.1	413	316	73	78	SSW 4	SW 1	7	4	130	
16	605	662	60.1	56.2	47.7	64.3	430	367	84	82	SW 1	SW 1	2	9	200	
17	745	810	56.5	58.6	56.0	61.3	436	407	96	95	ESE 1	SE 1	8	7	0.010	
18	910	938	63.3	59.1	58.0	67.1	453	437	79	88	W 1	W 1	7	2	270	
19	889	880	56.1	57.6	55.0	61.3	421	366	93	77	NNW 1	NW 2	7	2	0.010	
20	918	702	60.4	55.6	55.6	68.1	379	401	72	90	WNW 2	W 4	0	5	100	
21	569	491	60.8	54.8	54.5	64.3	344	331	65	77	WNW 4	NW 6	4	4	—	
22	29.565	451	62.4	53.1	53.1	65.3	322	329	57	81	NW 5	W 2	2	8	200	
23	28.975	275	55.0	53.6	48.0	58.8	327	312	76	75	W 3	NW 3	5	5	190	
24	29.370	410	55.5	54.1	48.0	60.8	315	355	72	85	WNW 4	WNW 2	7	1	0.020	
25	474	399	54.6	53.6	49.1	60.6	362	374	85	91	W 2	W 1	7	8	180	
26	466	576	57.9	57.1	50.0	60.1	375	399	79	85	NNW 2	W 1	7	7	—	
27	617	680	56.9	55.6	53.5	60.3	360	270	78	61	NW 1	NNW 1	7	5	—	
28	686	381	55.5	54.1	50.5	60.3	403	378	91	90	WSW 1	W 2	7	1	0.050	
29	332	541	54.2	55.4	50.5	61.1	340	365	81	84	W 1	N 2	5	3	0.050	
30	29.798	999	60.1	53.4	52.5	60.5	351	345	68	85	NW 2	NW 1	6	7	—	
31	30.024	29.868	56.1	54.9	49.5	61.1	344	378	77	89	N 1	SE 3	6	5	0.030	
Means	29.829	29.830	60.2	57.0	53.0	64.5	388	382	74.9	81.9	2.1	2.0	4.9	4.7	1.670	

DOUGLAS, ISLE OF MAN.

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

AUGUST 1882.

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	63.5	57.8	66.7	in.	in.	%	%	W 2	W 5-6	10	6	ins.	● till 1 p. Squally 9 p.
2	30.116	30.086	58.3	54.8	54.6	64.0	389	351	79	82	W 5	NW 5	7	7	—	Squally a.
3	29.991	30.083	58.3	54.8	54.6	64.0	389	351	79	82	NW 7	NW 5	8	7	—	Squally a.
4	30.178	30.305	56.0	53.5	52.4	61.7	411	370	91	89	NW 4	NNW 2	6	10	0.007	
5	330	325	59.2	57.7	52.6	61.7	405	408	81	98	NW 5	NW 4	8	1	—	Squally a.
6	294	267	57.0	60.0	53.4	64.1	425	420	91	81	NW 5	NW 4	8	1	—	
7	207	196	60.3	59.3	51.4	66.1	446	493	85	97	NW 3	Calm	0	9	—	
8	215	219	60.5	52.8	52.8	65.7	428	398	81	99	NW 4	Calm	0	4	—	D ² p.
9	227	218	62.4	48.5	47.7	63.8	460	290	82	85	S 2	NNW 1	8	0	—	D ² a. and p.
10	234	264	66.4	58.7	43.4	70.8	491	374	76	75	W 2	NW 2	2	2	—	D ² a. and p.
11	280	231	65.0	50.2	50.2	70.5	504	348	82	96	ESE 1	Calm	0	2	—	(mist) a. D ² a. and p.
12	30.180	30.063	63.5	52.4	46.4	66.0	467	355	79	90	SW 2	Calm	0	2	—	(mist) D ² a. and p.
13	29.947	29.842	63.0	52.4	49.3	64.7	387	369	67	94	S 3	Calm	0	4	218	(mist) D ² a. T ⁰ 4 p.
14	677	660	60.4	59.4	47.3	67.4	512	484	98	96	Calm	S 3	9	9	—	● K 7.30 a.-9 a.
15	668	640	61.0	59.7	58.5	63.7	510	489	95	96	SSW 3	S 3-4	10	9	490	(mist) ga.
16	503	535	56.2	54.3	49.0	60.1	416	387	92	92	WNW 5	NNW 1	8	4	310	● 2 3 a.-8 a.
17	616	742	60.5	55.7	51.8	62.4	416	395	79	89	Calm	NW 6-7	4	3	—	Squally sp.
18	802	811	58.4	58.0	51.7	62.4	375	476	77	99	W 2	SW 3	7	10	050	
19	038	954	60.0	49.8	47.9	65.0	369	345	71	96	Calm	NNW 1	6	1	075	D ² p.
20	901	960	58.7	55.3	47.2	64.0	432	399	87	91	W 2	WNW 2	6	7	—	● 2 7.30 a.-8 a.
21	856	649	58.7	55.7	46.9	61.2	390	390	78	88	SSW 5-6	W 2	8	4	510	Squally a. ● 2 1.30 p.-5.30 p. Began cutting out
22	637	663	55.5	55.3	52.2	59.3	349	346	79	79	W 6	W 7	7	9	050	Squally a. and p. ● showers too
23	740	321	55.0	52.0	50.9	57.5	337	383	78	99	W 3	ESE 3	8	10	965	● 2 9 p. Began cutting barley. L3
24	195	388	53.0	50.6	47.2	58.6	322	341	80	93	NW 6	W 4	10	4	210	Squally (force 7). ● 2 a. and p.
25	351	503	54.8	47.7	47.7	61.0	393	318	92	96	WNW 5	NW 2	8	8	015	D ² p.
26	397	448	57.0	54.3	47.3	60.0	385	377	83	88	SE 3	NNW 3-4	7	6	050	
27	571	680	53.7	54.0	51.1	58.4	405	397	98	95	WNW 3	WNW 6	10	9	068	● showers all day. Squally sp.
28	735	760	54.8	51.1	50.7	60.3	384	365	89	97	WNW 3-4	Calm	0	10	010	D ² p.
29	610	514	54.5	52.8	50.9	63.7	381	348	90	87	S 4	W 1	10	10	610	
30	399	29.728	58.0	54.3	50.2	60.8	383	330	79	78	NNW 4	NW 6-7	4	4	040	Squally sp.
31	935	30.089	58.4	50.5	50.2	61.6	396	317	81	87	NW 7	NW 1	4	5	—	Squally ga.
31	29.957	29.714	57.2	55.0	41.4	58.0	403	427	86	99	SE 3	ESE 5	10	10	175	(mist) ga. ● 1 p. (mist) p.
Means	29.862	29.866	58.7	54.5	50.1	62.9	416	390	84.0	91.0	3.4	2.8	7.0	5.0	3.943	

LLANDUDNO.

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

AUGUST 1882.

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.	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	● showers a. Dull p.
2	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Squalls before ga. Fine day.
3	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
4	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
5	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
6	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
7	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
8	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
9	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
10	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
11	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
12	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
13	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
14	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
15	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
16	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
17	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
18	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
19	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
20	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
21	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
22	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
23	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
24	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
25	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
26	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
27	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
28	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
29	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
30	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
31	30.177	30.191	60.6	60.8	58.5	62.2	in.	in.	92	89	W 4	W 2	10	5	ins.	Fine day.
Means	29.901	29.910	58.6	57.9	54.1	63.2	41.1	41.8	83.4	87.0	1.8	1.3	8.5	7.6	3.146	

BUXTON.

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

AUGUST 1882.

1	30.175	30.135	56.8	61.3	51.9	62.6	456	514	98	95	NW 1	NW 4	10	10	530	☁ ga.
2	29.997	30.076	58.8	53.9	53.4	62.6	449	373	91	90	NW 4	NW 3	8	9	—	☁ a.
3	30.136	30.164	55.9	50.4	49.4	59.7	342	315	77	86	WNW 3	NW 5	6	5	—	
4	30.9	316	55.9	55.1	47.9	61.2	304	399	69	91	NW 3	NW 2	7	10	—	
5	268	263	55.9	54.9	53.6	62.6	418	374	93	87	NW 2	NW 1	10	7	—	
6	101	185	61.8	56.6	52.9	66.8	431	409	79	88	NW 3	NW 2	6	8	—	
7	180	247	58.9	52.4	52.4	65.1	389	379	79	96	NW 2	Calmo	6	5	—	
8	239	255	61.0	52.6	47.6	70.6	407	377	77	95	Calmo	ENE 1	6	0	—	
9	237	295	62.3	57.8	49.4	72.9	461	451	83	93	NW 1	E 2	5	9	—	
10	307	316	60.8	52.4	50.6	68.1	362	371	69	94	E 2	SE 1	2	0	—	
11	221	30.148	64.2	51.4	41.1	68.8	422	344	70	91	S 1	W 1	2	1	—	
12	30.015	29.920	62.3	56.4	43.9	71.6	436	430	79	95	Calmo	SE 1	8	4	020	☁ p.
13	29.770	29.799	63.9	58.2	53.6	70.1	518	461	88	95	E 1	SW 1	10	4	360	☁ p.
14	816	864	61.3	59.4	50.5	74.4	487	481	81	97	SW 3	SW 2	9	10	200	
15	612	661	56.4	46.9	46.9	70.1	430	297	95	93	SW 2	W 1	10	4	060	
16	658	726	53.9	55.6	43.9	64.3	407	401	98	90	W 1	W 1	8	0	200	
17	855	900	53.9	54.9	49.4	65.1	399	393	96	92	NW 1	NW 1	10	8	040	
18	963	29.990	59.2	58.1	53.9	66.3	457	407	92	85	W 1	NW 1	10	10	240	
19	944	30.026	54.4	49.9	49.1	66.3	379	325	90	91	NW 1	NW 1	10	7	—	
20	972	29.745	57.3	53.6	48.7	62.8	345	403	74	98	SW 3	SW 3	7	10	200	
21	688	665	51.4	52.4	50.3	58.2	307	312	82	80	W 4	NW 5	5	7	100	☁ p.
22	778	420	52.4	49.4	47.9	57.2	307	340	79	96	WNW 5	S 1	8	10	800	☁ a.
23	140	433	48.5	50.4	44.9	54.7	306	322	91	88	W 5	NW 4	9	7	370	☁ a. and p.
24	464	546	51.4	50.4	44.3	54.2	309	353	82	96	WSW 2	NW 2	7	6	920	☁ p.
25	465	449	51.9	50.6	46.6	61.0	352	340	91	93	WNW 2	NW 2	10	7	020	
26	466	708	55.1	52.4	47.4	60.2	345	364	80	92	WNW 3	NW 4	8	8	170	
27	766	802	52.3	50.6	49.9	56.7	346	343	88	93	W 2	NW 1	9	8	—	
28	734	511	51.9	50.6	47.9	55.4	290	336	76	92	SW 1	WSW 2	9	8	610	
29	381	29.716	52.6	52.9	46.9	58.6	343	386	86	97	W 2	W 2	7	10	430	
30	29.945	30.118	52.9	47.9	47.4	58.2	360	318	90	96	NW 3	NW 2	7	2	—	
31	30.031	29.850	57.3	51.3	44.4	60.4	322	360	69	95	NW 1	SE 2	8	10	190	
Means	29.895	29.914	56.5	53.2	48.6	63.4	382	377	83.6	92.3	2.1	2.0	7.7	6.6	5.460	

HILLINGTON, NORFOLK.

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

AUGUST 1882.

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.	62.0	64.7	56.0	67.3	in.	in.	93	88	NW 3	W 1	10	10	ins.	● till 10a. ● 2.30p.	
2	30.103	30.077	62.0	64.7	56.0	67.3	in.	in.	93	88	NW 3	W 1	10	10	ins.	● till 10a. ● 2.30p.	
3	29.976	29.987	66.5	56.9	56.9	72.4	in.	in.	93	80	NW 4	NW 4	10	2	—		
4	30.108	30.191	60.0	54.7	49.7	68.5	in.	in.	93	81	NW 4	NW 1	5	8	—		
5	261	238	59.8	54.9	49.9	67.1	in.	in.	93	84	NW 3	NW 0.5	8	10	—	Fine and sunny. ☁ 0.9p.	
6	194	192	65.1	58.9	53.2	72.3	in.	in.	93	92	NW 3	NW 1	10	10	—	Fine and sunny. ☁ 0.9p.	
7	132	111	64.7	59.6	52.3	78.5	in.	in.	93	82	NW 1	NE 0.5	3	10	—	☁ 0.9p.	
8	153	219	61.0	50.7	50.7	69.5	in.	in.	97	80	NE 2	NE 0.5	10	3	—	Very fine and sunny till 5p.	
9	168	212	58.9	52.9	47.2	63.0	in.	in.	97	87	SE 2	NE 1	8	6	—		
10	206	268	65.2	55.4	52.5	70.5	in.	in.	98	86	NE 2	NE 2	7	10	—		
11	219	273	58.3	49.4	49.4	64.5	in.	in.	98	92	NE 2	NW 0.5	10	0	—	Overcast all day.	
12	217	30.118	64.7	53.9	49.5	77.3	in.	in.	92	92	NW 1	S 0.5	4	0	—	Very fine and sunny.	
13	30.021	29.921	65.5	59.7	41.1	79.7	in.	in.	88	88	S 1	S 0.5	5	1	—	Very fine and sunny.	
14	29.759	29.810	72.6	62.0	55.3	74.0	in.	in.	66	84	S 3	SW 1	7	6	—	Distant T 6a.—7a. K (very near)	
15	845	826	66.0	62.0	55.0	76.1	in.	in.	81	81	SW 1	SW 2	7	10	0.04	Fine and sunny, T 0.1p. and 2p.	
16	703	672	64.6	51.9	51.8	71.4	in.	in.	73	93	SW 3	W 0.5	7	1	0.62	☁ 0.9p.	
17	606	664	62.0	53.0	40.1	69.1	in.	in.	67	93	N 1	E 0.5	5	10	5.80	Day fine and sunny. ● 2 from 9p.	
18	778	874	60.0	60.1	51.9	71.6	in.	in.	93	96	SE 0.5	SE 0.5	10	10	0.02	● 2 till 3a. ☁ (mist) early a. ☁ 0.9p.	
19	963	969	67.2	64.1	54.1	79.1	in.	in.	62	92	SW 2	S 0.5	8	10	0.67	Very fine a. Overcast p. ☁ 0.9p.	
20	015	941	61.0	57.4	55.0	68.6	in.	in.	98	95	S 1	NW 1	10	10	1.42	☁ (mist) 9p.	
21	983	794	61.9	55.3	44.7	69.8	in.	in.	49	77	W 1	SW 0.5	4	10	3.03	Very fine and sunny. ● 2 from 8p.	
22	671	643	61.6	53.2	46.0	63.5	in.	in.	37	77	W 5	WNW 4	4	2	0.03	● 2 till 2a. Day fine and sunny.	
23	711	538	59.3	51.0	51.0	62.4	in.	in.	35	71	98	NW 6	SW 1	8	10	4.28	☁. Overcast all day. ● 2 [at night]
24	068	406	53.1	52.5	45.7	59.4	in.	in.	31	78	88	SW 8	SW 5	10	10	—	☁ 2 ● 2 1.4a. Gloomy p. ☁
25	518	526	56.9	53.5	46.0	62.1	in.	in.	32	70	05	WSW 5	SW 1	3	9	1.58	Fine a. ☁ 0.15p.—0.45p. K
26	537	307	57.1	53.9	50.6	61.7	in.	in.	35	78	SW 4	SE 0.5	7	3	267	Fine and sunny. [7.10p. K	
27	444	648	56.7	53.3	52.9	65.2	in.	in.	43	91	97	NW 4	SW 1	10	10	3.20	T 1.30p.—2p. K 3.40p. and 7.20p. ● 2
28	701	749	58.3	52.1	51.1	63.5	in.	in.	38	80	96	NW 5	NW 0.5	10	3	—	☁ 0.9p.
29	747	516	58.4	57.4	41.6	63.7	in.	in.	42	97	SW 1	SW 4	10	10	4.20	☁ a. ● 2 5p.—8.30p.	
30	369	29.663	54.0	55.7	45.0	61.3	in.	in.	36	87	SW 4	NW 3	10	10	0.90	☁ 2 showers. [☁ (mist). ☁	
31	29.810	30.030	58.0	46.8	46.8	66.5	in.	in.	34	100	NW 5	W 0.5	8	0	0.45	☁ 2 early a. T 11a. K ● 2 4.30p.	
32	30.045	29.912	53.7	54.2	42.0	63.4	in.	in.	38	93	97	W 0.5	SW 0.5	10	10	0.82	☁ early. Fine a. Overcast p. ● 2 7p.
Menss	29.868	29.880	61.0	55.5	49.2	68.5	in.	in.	44	77	2.8	1.3	7.7	6.9	3.041		

CHURCHSTOKE.

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

AUGUST 1882.

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.	61.4	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	Dull and cold.
2	30.212	30.203	61.4	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
3	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D T 8
4	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	Fine day. Close and sultry p.
5	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
6	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
7	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
8	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
9	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
10	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
11	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
12	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
13	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
14	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
15	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
16	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
17	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
18	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
19	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
20	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
21	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
22	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
23	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
24	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
25	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
26	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
27	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
28	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
29	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
30	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
31	30.207	30.200	61.0	65.0	57.6	69.9	.485	.496	90	81	NNW 5	NNW 7	8	8	—	D a.
Means	29.916	29.924	58.3	55.7	49.6	65.2	.411	.386	84.4	86.7	3.5	2.8	5.7	6.2	2.006	

GELDESTON (BECCLES).

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

AUGUST 1882.

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	30.109	30.077	62.8	66.1	57.1	70.9	.500	.542	87	84	WSW 2	W 3	10	10	.030	
2	30.072	30.078	70.2	58.1	57.4	73.8	.476	.339	64	70	WSW 4	WNW 3	1	1	—	
3	30.089	30.107	59.6	55.1	48.7	67.0	.327	.371	65	85	NW 3	NW 3	9	8	—	
4	30.220	30.237	60.9	51.0	47.7	64.9	.335	.299	62	80	NNW 3	Calm	9	5	—	
5	30.100	30.184	63.2	58.1	48.8	70.8	.438	.417	76	85	NNW 2	Calm	10	8	—	
6	30.117	30.093	63.7	58.7	54.3	78.5	.432	.420	73	85	W 1	NNW 1	1	9	—	
7	30.115	30.187	65.2	54.0	53.6	72.1	.416	.363	67	87	NNW 2	Calm	4	0	—	
8	30.178	30.185	59.1	56.3	48.0	61.7	.348	.384	70	84	N 2	N 1	10	10	—	
9	30.205	30.229	58.1	57.5	54.3	63.9	.366	.369	75	78	NNE 1	NNE 1	10	10	—	
10	30.253	30.257	58.2	57.1	54.5	62.7	.410	.427	84	91	NNE 2	Calm	10	6	—	
11	30.233	30.130	65.1	55.1	42.2	68.7	.420	.423	69	97	E 1	E 1	3	0	—	
12	30.025	30.018	69.2	59.2	44.9	74.8	.493	.467	69	94	SE 1	E 1	6	0	—	
13	30.201	30.254	71.0	63.2	55.6	72.0	.546	.493	71	85	S 2	SSW 2	10	9	—	
14	30.274	30.282	68.0	61.0	55.7	73.6	.467	.436	68	82	SW 3	S 1	4	2	—	
15	30.247	30.261	66.2	55.0	54.5	71.9	.516	.372	81	86	S 3	SW 1	10	3	—	
16	30.297	30.200	58.1	53.0	46.0	64.9	.400	.345	82	85	NNE 1	NW 1	6	8	—	
17	30.275	30.283	63.2	61.2	51.9	69.0	.438	.493	76	92	E 1	Calm	4	9	—	
18	30.263	30.287	62.2	65.0	56.2	74.1	.419	.534	63	87	S 1	S 1	3	10	—	
19	30.236	30.243	64.9	58.9	58.2	72.8	.520	.437	86	88	SW 2	SW 1	10	3	—	
20	30.273	30.282	62.1	60.7	48.3	71.9	.369	.361	67	68	W 3	SW 4	1	10	—	
21	30.275	30.263	61.2	54.1	53.7	64.8	.364	.331	68	79	WNW 5	W 3	5	0	—	
22	30.207	30.204	58.2	52.1	51.8	63.8	.316	.360	65	92	WNW 5	SSW 1	10	10	—	
23	30.224	30.214	58.7	52.8	51.0	61.7	.328	.309	66	77	WSW 6	WSW 3	6	1	—	
24	30.253	30.264	55.8	54.3	48.0	63.0	.314	.357	70	84	WSW 4	WSW 3	7	7	—	
25	30.266	30.236	59.1	56.3	50.7	62.8	.348	.407	70	89	SSW 3	SSW 3	8	0	—	
26	30.246	30.242	57.2	55.0	50.6	66.1	.431	.392	92	91	NNW 4	WSW 1	10	10	—	
27	30.295	30.272	56.1	54.1	51.2	62.8	.401	.387	88	92	W 2	W 1	10	8	—	
28	30.258	30.249	58.0	58.8	46.2	64.7	.385	.434	80	88	Calm	SSW 4	9	9	—	
29	30.201	30.213	56.1	55.0	48.9	61.0	.359	.370	79	86	WSW 3	W 4	10	3	—	
30	30.226	30.227	56.0	50.1	49.7	66.4	.388	.331	86	91	W 2	Calm	0	0	—	
31	30.252	30.238	57.1	55.6	43.0	64.5	.366	.391	79	88	SW 1	Calm	0	6	—	
Means	29.875	29.886	61.6	56.9	51.1	67.9	.408	.399	74.1	85.5	2.4	1.5	7.1	5.8	1.520	

CHELTENHAM.

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

AUGUST 1882.

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.	63°	63°	58°	74°	.492	.531	86	91	W 2	SW 1	10	9	ins.	Sultry but dull.
2	30° 195	30° 174	63°	63°	58°	74°	.492	.531	86	91	W 2	SW 1	10	9	—	Sultry.
3	30° 201	30° 200	63°	63°	58°	74°	.492	.531	86	91	W 2	SW 1	10	9	—	Very fine.
4	30° 334	30° 312	63°	63°	58°	74°	.492	.531	86	91	N 4	N 1	7	10	—	Very beautiful day.
5	30° 268	30° 263	63°	63°	58°	74°	.492	.531	86	91	NW 2	Calm	0	10	—	Dull a. Bright p.
6	30° 197	30° 174	63°	63°	58°	74°	.492	.531	86	91	SW 2	W 3	1	3	—	Brilliant day.
7	30° 189	30° 185	63°	63°	58°	74°	.492	.531	86	91	W 3	W 1	9	5	—	Beautiful summer's day.
8	30° 204	30° 182	63°	63°	58°	74°	.492	.531	86	91	SW 1	Calm	0	9	—	☁ (mist) a. and p. Beautiful day.
9	30° 220	30° 201	63°	63°	58°	74°	.492	.531	86	91	NW 1	Calm	0	1	—	Very sultry all day. T 8p.
10	30° 287	30° 256	63°	63°	58°	74°	.492	.531	86	91	N 1	SE 1	10	4	—	Sultry and dull.
11	30° 219	30° 100	63°	63°	58°	74°	.492	.531	86	91	SE 1	Calm	0	9	—	Sultry and dull. [(mist.)
12	30° 278	30° 288	63°	63°	58°	74°	.492	.531	86	91	SE 1	Calm	0	2	0.40	Bright day. ☁ in the evening. ☁☁☁
13	30° 765	30° 830	63°	63°	58°	74°	.492	.531	86	91	SW 1	Calm	0	9	0.10	T a. Sultry. ☀ showers p.
14	30° 821	30° 762	63°	63°	58°	74°	.492	.531	86	91	S 2	SW 1	3	1	0.65	
15	30° 628	30° 672	63°	63°	58°	74°	.492	.531	86	91	S 3	SW 1	5	1	1.40	Dull a. Bright p.
16	30° 636	30° 773	63°	63°	58°	74°	.492	.531	86	91	W 1	Calm	0	8	—	
17	30° 845	30° 888	63°	63°	58°	74°	.492	.531	86	91	W 2	Calm	0	5	1.00	Very fine day.
18	30° 951	30° 960	63°	63°	58°	74°	.492	.531	86	91	SW 1	SW 1	10	10	0.80	☁. Very fine a. Dull and sultry p.
19	30° 926	30° 932	63°	63°	58°	74°	.492	.531	86	91	W 2	Calm	0	10	1.10	☀ ² a. Fine p.
20	30° 902	30° 764	63°	63°	58°	74°	.492	.531	86	91	W 2	SW 4	7	9	0.20	Fine till 7p, then ☀ showers.
21	30° 759	30° 806	63°	63°	58°	74°	.492	.531	86	91	W 5	W 3	8	7	—	Fine and bright and very clear.
22	30° 841	30° 432	63°	63°	58°	74°	.492	.531	86	91	W 6	W 6	6	10	0.38	Fine till 4p, then ☀.
23	30° 285	30° 506	63°	63°	58°	74°	.492	.531	86	91	W 8	W 1	9	10	0.20	Squally ☀ ² a. ☀ ⁰ p.
24	30° 550	30° 614	63°	63°	58°	74°	.492	.531	86	91	SW 2	SW 2	10	8	0.60	Dull, with ☀ showers. Squally p.
25	30° 417	30° 364	63°	63°	58°	74°	.492	.531	86	91	S 4	Calm	0	10	0.80	☀ ² all day, with R ² .
26	30° 599	30° 740	63°	63°	58°	74°	.492	.531	86	91	W 1	N 1	9	10	0.70	Fine a. ☀ p.
27	30° 791	30° 791	63°	63°	58°	74°	.492	.531	86	91	W 2	W 1	9	10	—	Dull and overcast.
28	30° 742	30° 676	63°	63°	58°	74°	.492	.531	86	91	Calm	0	2	10	0.30	Dull, with ☀ showers.
29	30° 364	30° 772	63°	63°	58°	74°	.492	.531	86	91	SW 1	W 1	5	7	0.40	
30	30° 970	30° 907	63°	63°	58°	74°	.492	.531	86	91	W 4	W 1	1	7	0.20	
31	30° 027	30° 808	63°	63°	58°	74°	.492	.531	86	91	SE 3	S 5	10	10	0.37	☀ ² from 11a.
Means	30° 913	30° 915	59°	57°	50°	67°	.497	.410	79°	87°	2°	1°	7°	5°	2°	950

MARLBOROUGH.

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

AUGUST 1882.

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	61.6	57.3	71.2	in.	in.	%	%	Calm	0	10	10	ins.	
2	30.211	30.217	61.8	61.6	57.3	71.2	.483	.512	88	94	W	1	10	10	—	
3	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
4	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
5	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
6	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
7	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
8	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
9	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
10	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
11	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
12	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
13	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
14	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
15	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
16	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
17	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
18	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
19	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
20	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
21	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
22	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
23	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
24	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
25	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
26	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
27	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
28	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
29	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
30	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
31	30.200	30.205	61.8	61.6	57.3	71.2	.494	.451	69	92	W	1	10	10	—	
Means	29.939	29.939	59.7	56.4	50.4	66.7	.399	.410	78.0	89.8	0.7	0.2	6.8	4.8	2.370	

MARGATE.

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

AUGUST 1882.

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	30.161	30.125	65.2	68.9	53.4	71.2	.545	.605	88	86	W	3	10	10	—	Fine and warm.
2	30.164	30.103	68.9	64.3	61.2	77.9	.511	.526	73	88	W	3	10	10	—	Fine a. Dull p.
3	30.126	30.121	59.8	60.8	56.2	66.5	.374	.362	73	69	NNW	2	10	10	—	Close and sultry.
4	30.239	30.243	58.8	57.3	53.9	67.2	.379	.397	77	84	N	2	10	10	—	Fine and warm.
5	30.188	30.202	63.0	63.8	57.3	70.0	.447	.489	78	83	NW	2	10	10	—	Fine and warm.
6	30.139	30.084	60.7	67.0	56.2	77.3	.434	.453	83	68	NW	1	10	10	—	Fine and warm. Very hot from 1 p.
7	30.137	30.182	62.4	58.8	58.3	69.5	.475	.385	85	78	NNW	1	10	10	—	Pleasant day, not too hot.
8	30.167	30.165	58.2	57.7	56.6	62.6	.331	.365	69	77	N	2	10	10	—	Very fine. Windy from 1 p.
9	30.194	30.212	56.8	58.0	54.7	61.3	.419	.409	90	85	N	2	10	10	—	Overcast nearly all day.
10	30.237	30.240	58.2	59.5	56.7	64.4	.379	.374	79	74	NNE	2	10	10	—	Overcast and chilly.
11	30.212	30.116	61.7	60.0	59.4	66.0	.441	.453	81	88	E	2	10	10	—	Fine and warm.
12	30.209	30.281	68.2	63.8	58.2	70.8	.507	.539	74	91	E	1	10	10	—	Fine and warm. < from 9 p.
13	30.161	30.167	61.1	60.2	59.9	65.9	.543	.544	81	97	SSW	1	10	10	—	Dull and overcast.
14	30.161	30.167	61.1	60.2	59.9	65.9	.543	.544	81	97	SSW	1	10	10	—	Very pleasant day.
15	30.161	30.167	61.1	60.2	59.9	65.9	.543	.544	81	97	SSW	1	10	10	—	Bright day.
16	30.161	30.167	61.1	60.2	59.9	65.9	.543	.544	81	97	SSW	1	10	10	—	Depressing day, with ☉.
17	30.161	30.167	61.1	60.2	59.9	65.9	.543	.544	81	97	SSW	1	10	10	—	Bright day.
18	30.161	30.167	61.1	60.2	59.9	65.9	.543	.544	81	97	SSW	1	10	10	—	Hot day.
19	30.161	30.167	61.1	60.2	59.9	65.9	.543	.544	81	97	SSW	1	10	10	—	Bright.
20	30.161	30.167	61.1	60.2	59.9	65.9	.543	.544	81	97	SSW	1	10	10	—	☉ p.
21	30.161	30.167	61.1	60.2	59.9	65.9	.543	.544	81	97	SSW	1	10	10	—	☉ a. and p., finer at night.
22	30.161	30.167	61.1	60.2	59.9	65.9	.543	.544	81	97	SSW	1	10	10	—	☉ a., then fine.
23	30.161	30.167	61.1	60.2	59.9	65.9	.543	.544	81	97	SSW	1	10	10	—	Dull day.
24	30.161	30.167	61.1	60.2	59.9	65.9	.543	.544	81	97	SSW	1	10	10	—	Fine day.
25	30.161	30.167	61.1	60.2	59.9	65.9	.543	.544	81	97	SSW	1	10	10	—	Dull, with ☉.
26	30.161	30.167	61.1	60.2	59.9	65.9	.543	.544	81	97	SSW	1	10	10	—	☉ a.
27	30.161	30.167	61.1	60.2	59.9	65.9	.543	.544	81	97	SSW	1	10	10	—	Fine a. Steady ☉ from 3 p.
28	30.161	30.167	61.1	60.2	59.9	65.9	.543	.544	81	97	SSW	1	10	10	—	
29	30.161	30.167	61.1	60.2	59.9	65.9	.543	.544	81	97	SSW	1	10	10	—	
30	30.161	30.167	61.1	60.2	59.9	65.9	.543	.544	81	97	SSW	1	10	10	—	
31	30.161	30.167	61.1	60.2	59.9	65.9	.543	.544	81	97	SSW	1	10	10	—	
Means	29.908	29.913	60.9	59.2	54.1	66.9	.435	.422	79.2	83.8	1.9	1.5	7.8	6.1	1.320	

STRATHFIELD TURGISS.

Height above Mean Sea Level, 195 feet. Long. 1° 0' W. Lat. 51° 20' N.

AUGUST 1882.

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° 3	62° 6	57° 6	77° 0	in.	in.	%	%	SW	2	SW	2	3	2	ins.
2	30° 158	30° 142	64° 3	62° 6	57° 6	77° 2	.505	.535	85	94	SW	2	SW	1	0	2	—
3	.066	.040	72° 3	60° 6	54° 8	77° 2	.480	.446	62	84	W	3	SW	1	0	2	—
4	.139	.207	61° 0	52° 3	46° 5	72° 4	.358	.336	67	85	NW	4	N	1	5	0	—
5	.243	.247	62° 9	57° 0	46° 8	72° 0	.373	.374	65	80	NW	3	NW	1	4	4	—
6	.192	.204	63° 2	54° 2	50° 6	72° 4	.315	.397	54	95	NW	1	NW	1	6	0	—
7	.141	.104	65° 7	64° 9	45° 7	83° 7	.456	.391	73	63	NW	3	NW	1	2	0	—
8	.135	.114	64° 6	57° 6	51° 9	75° 4	.441	.324	73	69	NW	2	NW	1	8	8	—
9	.166	.141	69° 3	54° 3	47° 8	74° 5	.427	.378	59	90	NE	1	NW	2	4	0	—
10	.169	.172	61° 8	58° 2	54° 3	75° 9	.374	.451	68	93	NE	1	NW	0-1	3	0	—
11	.223	.215	58° 2	57° 2	55° 5	63° 7	.384	.425	79	91	NE	1	NE	1	9	10	—
12	30° 205	30° 205	61° 7	60° 0	54° 5	73° 4	.427	.439	79	86	NE	1	SE	1	6	2	—
13	29° 063	29° 087	59° 0	60° 6	47° 1	81° 6	.454	.472	92	89	SE	1	Calm	0	2	3	—
14	.819	.864	63° 8	60° 0	56° 8	75° 7	.487	.472	82	92	SW	3	S	1	10	0	—
15	.873	.835	67° 2	61° 2	55° 7	76° 4	.479	.520	72	97	SW	3	S	1	8	10	—
16	.725	.746	61° 8	52° 0	51° 5	67° 4	.503	.321	91	82	S	1	W	1	10	4	—
17	.659	.820	58° 0	54° 3	49° 0	67° 2	.361	.370	75	88	NW	2	NW	2	7	6	—
18	.850	29° 934	63° 4	56° 3	48° 7	69° 0	.403	.397	60	87	NW	2	W	1	10	0	—
19	.978	30° 001	62° 9	62° 1	51° 8	72° 7	.500	.479	88	86	W	1	SW	1	10	10	—
20	29° 950	30° 034	62° 7	56° 1	55° 5	71° 4	.545	.382	96	85	SW	1	W	1	10	0	—
21	29° 863	29° 863	56° 7	57° 2	44° 8	72° 1	.393	.434	85	93	W	1	SW	3	9	10	—
22	29° 800	.812	60° 3	53° 7	52° 9	67° 4	.336	.330	64	80	W	3	W	2	7	3	—
23	.881	.566	60° 7	59° 7	50° 0	66° 6	.325	.492	61	97	W	3-4	SW	3-4	5	10	—
24	.549	.565	51° 6	50° 9	65° 8	.329	.335	72	88	W	5-4	W	2	8	5	—	
25	.630	.655	58° 0	52° 6	46° 0	62° 1	.320	.374	69	95	W	3	SW	1	7	4	—
26	.526	.372	52° 8	55° 0	48° 9	67° 7	.371	.389	93	92	S	2	SW	1	10	9	—
27	.584	.758	57° 7	55° 7	54° 9	66° 6	.373	.496	79	91	W	3	SW	2	4	10	—
28	.805	.812	62° 4	53° 9	50° 0	65° 1	.407	.365	73	88	W	2	W	1	5	8	—
29	.785	.606	60° 9	51° 7	48° 5	63° 7	.389	.357	73	93	S	1	SW	2	8	5	—
30	.420	29° 783	54° 7	53° 2	45° 4	57° 7	.366	.325	86	80	W	2	W	2	10	4	—
31	29° 978	30° 074	60° 7	52° 9	50° 0	69° 3	.367	.349	79	87	NW	2	NW	1	8	5	—
Means	29° 976	29° 880	55° 5	55° 5	44° 0	59° 6	.364	.425	83	97	S	0-1	S	2	10	10	—
Means	29° 920	29° 919	61° 3	56° 6	50° 6	70° 4	.407	.403	75° 4	87° 6	2° 0	1° 4	6° 7	4° 6	1° 743		

ST. LEONARDS.

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

AUGUST 1882.

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.	61.5	65.7	57.5	72.7	ins.	ins.	87	86	W 3	WSW 2	10	9	ins.	Overcast throughout.
2	30.219	30.174	61.5	65.7	57.5	72.7	476	541	87	86	W 3	WSW 2	10	9	ins.	
3	30.133	30.054	66.0	64.5	58.7	69.7	499	492	79	81	W 3	W 2	8	8	ins.	
4	30.171	30.240	60.8	59.7	52.2	68.0	354	362	67	71	NNW 2	NNW 1	8	0	ins.	
5	30.272	30.265	61.3	64.1	49.8	69.1	345	375	64	63	NNW 3	NNW 1	1	9	ins.	
6	30.226	30.221	65.4	62.7	51.6	70.5	430	444	69	79	NNW 1	NW 1	3	7	ins.	
7	30.171	30.106	62.3	67.7	54.0	74.9	395	422	70	62	NW 1	WNW 1	1	1	ins.	Very fine day.
8	30.136	30.186	68.6	61.6	56.7	73.3	424	409	60	75	NNW 1	ENE 1	3	10	ins.	
9	30.194	30.177	60.4	61.2	55.0	68.0	383	374	73	70	N 2	NE 1	10	8	ins.	Overcast till Noon.
10	30.211	30.220	60.4	59.2	54.2	65.6	360	408	68	82	NNE 3	E 1	10	0	ins.	Overcast till 4p.
11	30.248	30.253	58.7	58.7	56.3	63.7	401	395	81	80	NNE 1	NE 2	10	10	ins.	Overcast day.
12	30.211	30.095	64.6	58.7	57.6	68.8	381	417	63	85	E 1	E 3	3	0	ins.	Very fine day.
13	29.992	29.871	70.8	67.0	57.9	76.4	488	509	65	77	ESE 1	NE 3	0	0	ins.	Very fine day. \overline{K} over the sea at early a. Overcast day. [night.]
14	30.050	30.060	64.1	63.1	62.1	70.4	517	532	87	92	SSW 1	SW 3	10	2	ins.	
15	30.027	30.086	63.4	63.5	60.9	67.5	517	519	89	89	SSW 3	SW 2	10	10	ins.	
16	30.027	30.027	61.8	56.6	56.6	64.5	483	350	87	76	SSW 3	W 3	9	2	ins.	Overcast day.
17	30.025	30.025	57.7	56.7	52.1	61.1	361	387	76	84	WNW 5	WNW 2	9	10	ins.	(gale) in past n.
18	30.032	30.032	60.8	60.6	55.8	65.4	520	497	91	90	SSW 1	SSW 1	10	1	ins.	Overcast till 4p. with \odot . \odot 9p.
19	30.080	30.020	62.6	58.1	58.1	64.8	492	398	87	82	SW 3	SW 1	7	1	ins.	Overcast a. and p. \odot 9p.
20	30.054	30.054	62.2	60.6	49.7	65.9	411	407	74	78	SW 1	SW 5	4	10	ins.	
21	30.006	30.006	60.2	54.8	54.8	65.0	333	337	63	78	NW 3	NW 3	9	3	ins.	
22	30.074	30.074	60.1	59.7	49.7	63.2	318	313	62	100	WNW 4	SW 6	3	10	ins.	(gale) at night.
23	30.062	30.062	57.2	54.6	54.6	63.2	349	322	74	76	WSW 7	WNW 4	10	2	ins.	(gale) all past n.
24	30.070	30.070	58.6	54.6	50.1	61.8	312	372	63	87	WSW 3	W 3	8	5	ins.	564
25	30.063	30.063	57.1	55.6	53.0	62.0	371	369	80	83	SSW 6	SW 2	10	8	ins.	355
26	30.051	30.051	57.4	56.8	51.8	66.8	393	387	83	83	WNW 2	W 2	4	9	ins.	010
27	30.080	30.080	58.2	55.6	53.4	66.8	396	396	81	89	WNW 3	NW 1	10	1	ins.	049
28	30.077	30.077	60.2	60.3	54.0	64.0	415	405	80	89	SW 1	WSW 5	9	10	ins.	103
29	30.077	30.077	58.3	54.1	52.4	64.5	371	328	76	79	WSW 7	WNW 3	9	1	ins.	381
30	30.056	30.056	59.9	58.2	52.1	67.6	341	333	66	69	NW 4	WNW 2	1	2	ins.	
31	30.086	30.086	59.1	57.5	51.0	62.4	384	446	76	94	Calm 0	S 2	8	10	ins.	309
Means	29.943	29.941	61.2	59.6	54.4	66.8	408	417	75.4	81.5	2.7	2.3	6.8	5.2	2.494	

BABBACOMBE.

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

AUGUST 1882.

1	30.313	30.291	65.0	60.6	55.4	74.8	496	475	81	90	WNW 4	W 3	10	3	ins.	\odot n. and p. Max. temp. in sun 130° 8.
2	30.222	30.160	70.8	61.3	55.9	74.8	475	472	63	87	W 4	W 3	1	9	ins.	\odot in past n.
3	30.246	30.328	62.3	53.9	53.9	68.6	358	318	64	76	NNW 2	NNW 2	3	0	ins.	Fine day. \odot p.
4	30.372	30.362	58.9	56.9	52.1	69.0	317	384	64	83	N 2	WNW 2	9	0	ins.	Fine day.
5	30.310	30.296	64.1	59.8	55.3	70.5	410	401	69	78	NE 1	N 2	4	9	ins.	\odot p.
6	30.266	30.211	65.7	61.9	52.0	78.2	444	394	71	72	WNW 2	NW 2	1	1	ins.	Very fine day. [mist] \odot p.
7	30.221	30.194	67.8	61.9	55.0	73.5	475	407	70	85	N 1	NNW 2	1	2	ins.	Fine day. Wind E. 10a., SSW. 1p.
8	30.210	30.188	60.8	57.8	57.0	65.7	454	421	85	87	ENE 1	NW 1	10	2	ins.	\odot n. and p. (mist). Wind S. 6p.
9	30.235	30.245	63.5	56.3	52.0	68.0	433	397	75	87	ENE 2	SW 2	0	0	ins.	\odot a. and after 5p. Very fine day.
10	30.268	30.252	56.8	58.5	51.8	59.6	416	343	90	71	E 3	E 3	10	10	ins.	\odot n. ∞ a. and p.
11	30.198	30.085	59.9	58.6	57.3	63.8	373	416	73	85	ESE 3	E 2	10	1	ins.	Beautiful sunset. \odot p.
12	29.971	29.826	60.1	62.3	54.5	67.6	492	505	95	90	E 2	ENE 3	10	4	ins.	Scotch \odot a. ∞ . \odot 5.20p. \overline{K} 6p.
13	30.000	30.000	64.8	60.9	59.1	70.0	483	483	80	91	SW 3	SW 3	9	10	ins.	\odot till 2a. Wind ESE. 5p.
14	30.054	30.054	66.8	58.4	58.4	70.7	491	447	75	92	SW 4	WSW 3	7	5	ins.	\odot p.
15	30.733	30.758	55.9	52.5	52.3	66.2	394	336	80	85	WNW 4	W 5	10	9	ins.	
16	30.728	30.854	57.2	58.1	52.1	62.9	400	422	85	88	W 5	WNW 3	10	9	ins.	
17	30.903	30.911	64.9	59.6	55.2	69.6	407	491	66	96	WSW 2	Calm 0	5	10	ins.	Scotch \odot 7.30p.-8.30p.
18	30.000	30.000	65.4	58.9	56.2	73.4	451	475	73	96	WNW 1	SSW 1	10	10	ins.	Scotch \odot p.
19	30.017	30.109	58.8	52.2	52.2	70.8	416	335	84	86	NW 2	WNW 2	9	0	ins.	\odot p.
20	30.063	30.063	60.6	58.0	50.3	65.4	395	464	70	96	WSW 3	SW 4	9	10	ins.	
21	30.084	30.084	64.8	55.0	53.9	69.5	386	304	63	71	WNW 4	WNW 4	8	1	ins.	Squally p.
22	30.073	30.073	63.8	60.1	51.0	65.4	334	503	56	97	WNW 4	WSW 6	6	10	ins.	(gale) p.
23	30.015	30.015	57.9	50.8	50.7	64.2	323	327	67	88	W 6	W 4	2	3	ins.	Squally (gale) a. \odot 5.45p.
24	30.087	30.087	55.0	53.2	47.9	62.0	331	335	77	83	WSW 5	WSW 4	9	10	ins.	\odot p.
25	30.380	30.371	61.0	53.5	51.0	63.2	451	384	84	94	W 4	NW 1	3	4	ins.	\odot p.
26	30.715	30.854	57.5	54.8	52.4	64.7	355	360	75	84	NW 3	WNW 2	9	3	ins.	\odot p.
27	30.874	30.814	57.1	55.0	52.8	63.8	381	393	82	91	WSW 3	W 1	10	10	ins.	\odot p.
28	30.780	30.712	63.4	50.8	50.8	64.5	322	322	72	86	SW 2	WSW 2	8	2	ins.	\odot p.
29	30.516	30.908	60.4	54.3	50.4	63.6	369	360	70	86	W 6	W 3	7	0	ins.	Squally (gale) a. \odot p.
30	30.070	30.148	63.3	52.8	50.9	68.9	360	328	62	82	NW 3	NW 2	1	4	ins.	\odot n. and p. \odot 3p.-5p. Fine day.
31	30.021	30.021	56.0	57.5	50.2	57.7	422	461	94	98	S 3	SW 3	10	10	ins.	Very dull and gloomy.
Means	29.979	29.970	61.6	57.0	53.2	67.4	409	404	75.0	86.5	3.0	2.6	6.8	5.2	2.090	

ST. AUBIN'S, JERSEY.

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

AUGUST 1882.

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.	62.0	60.0	55.9	66.2	ins.	ins.	88	88	NW 2	WhyN 3	10	10	ins.	Scotch ☉ early a. Gloomy day. [7p]
2	30.400	30.359	62.7	61.1	57.8	69.6	487	511	88	99	W 3	W 3	9	9	0.017	☉ early a. Day very fine.
3	30.316	30.253	62.7	61.1	57.8	69.6	487	511	88	99	W 3	W 3	9	9	0.017	☉ early a. Day very fine.
4	30.365	30.379	62.6	55.3	55.3	66.1	414	380	73	87	E 2	Calm 0	6	0	—	☉ 7a. Day very fine. ☐ p.
5	30.339	30.293	63.0	59.4	55.0	68.7	443	440	77	88	Calm 0	N 1	10	2	—	☐ a. Extremely fine. Wheat harvest began.
6	30.279	30.238	69.0	59.2	57.1	73.3	416	471	58	94	NE 1	WhyN 2	1	0	—	☐ a. Gloomy a. Very fine p.
7	30.218	30.208	66.7	60.3	57.8	69.7	462	440	70	84	NNE 2	NE 2	1	0	—	☐ a. Extremely fine.
8	30.198	30.196	65.3	57.8	57.4	67.4	412	394	67	82	E by S 3	NE 2	2	2	—	☐ a. Extremely fine, with cool breeze.
9	30.231	30.256	63.0	58.8	56.2	67.8	401	357	70	72	NE 2	NE 2	8	2	—	☐ a. Day extremely fine.
10	30.264	30.238	62.2	59.5	55.6	65.4	439	401	79	79	NE 3	ENE 2	10	10	0.004	Cloudy a. Extremely fine p.
11	30.186	30.083	65.3	60.4	58.8	70.0	480	466	77	90	E by N 3	E by N 2	9	0	—	Gloomy day.
12	30.971	30.868	73.4	69.2	60.0	80.0	568	515	61	72	NE 1	ENE 3	0	3	0.004	Very fine from 11a.
13	30.905	30.940	67.0	61.2	60.1	71.0	403	500	73	93	S 2	Calm 0	8	1	0.028	☐ a. Distant ☉ sp. ☐ 9p.
14	30.953	30.920	69.3	62.2	60.0	71.1	514	491	72	88	S 2	Calm 0	1	10	0.013	☐ a. and from 1p. Double ☐ 2p-6p.
15	30.859	30.932	62.5	55.8	55.4	67.3	497	336	88	75	W by S 3	W 3	9	9	0.085	Very fine early a. Day overcast.
16	30.861	30.915	59.7	60.0	55.1	65.8	442	423	83	82	W 4	WhyN 3	10	9	—	Cold wind. Squally ☐ at night.
17	30.973	30.996	64.8	61.8	58.1	68.7	430	521	71	94	WNW 2	SW 2	4	10	0.072	☐ a. Sea rough. Day cloudy.
18	30.055	30.040	64.0	68.9	58.7	70.5	477	594	80	100	W 3	SW 3	7	10	0.010	Very fine a. Cloudy p. Scotch ☉
19	30.080	30.486	61.1	58.0	58.0	64.4	469	423	87	89	W 4	NW 3	10	2	—	[☉] from 5p.
20	30.414	30.991	61.2	60.1	54.2	65.8	403	422	76	81	W 2	SW 3	6	10	0.010	Gloomy day.
21	30.061	30.001	61.0	58.8	57.1	63.1	388	391	72	79	NW 4	NW 5	8	2	—	☐
22	30.029	30.773	61.0	68.0	56.2	63.3	363	552	68	99	NW 5	SW 6	4	10	1.120	☉ ☐ at night. [showers.]
23	30.765	30.740	59.1	56.0	55.3	62.2	376	399	75	89	W 7	W 6	5	4	1.110	Squally ☐ (gale) a. and p. ☐ ☐
24	30.794	30.822	56.0	55.3	51.9	64.0	399	367	89	84	SW 6	W 5	7	6	3.000	Squally ☐
25	30.815	30.855	60.0	57.0	53.0	63.2	411	456	99	98	SW 6	SW 7	10	10	4.000	Gloomy a. ☐ a. and p. ☐ ☐ ☐ p.
26	30.785	30.888	62.0	58.0	54.0	63.4	453	417	82	84	NW 5	NW 4	9	7	3.030	Squally ☐ a. ☐
27	30.931	30.858	61.1	57.1	56.4	64.3	407	434	85	93	NW 3	S 3	8	10	0.075	☐
28	30.833	30.825	61.0	60.0	56.4	65.8	393	475	94	92	E by S 2	W 4	9	9	1.138	Very cloudy.
29	30.709	30.989	60.0	57.3	54.8	64.2	395	401	76	85	WhyN 5	WNW 3	9	4	—	Squally ☐
30	30.117	30.197	65.0	57.3	56.0	68.0	418	407	68	86	NW 3	NW 2	5	8	0.023	Very fine, though cloudy at times.
31	30.113	30.947	58.2	58.0	55.1	61.7	427	467	88	97	SSW 1	SSW 2	10	10	0.880	Gloomy from 2p., with ☉ 2.
Means	30.039	30.029	63.1	59.3	56.3	67.3	445	444	77.6	87.5	3.0	2.8	6.8	5.8	2.328	

MARKREE CASTLE, SLIGO.

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

AUGUST 1882.

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.	65.5	65.3	58.0	68.4	ins.	ins.	89	93	WSW 3	Calm 0	10	8	ins.	
2	30.148	30.123	65.5	59.3	54.5	60.7	361	326	79	76	NW 3	NW 4	10	10	—	
3	30.096	30.182	55.5	55.1	54.5	60.7	361	326	79	76	NW 3	NW 4	10	10	—	
4	30.088	30.386	55.5	54.2	53.3	59.2	349	334	78	80	NW 3	NW 1	10	10	—	
5	30.381	30.421	59.2	55.2	53.0	61.6	467	404	94	93	WNW 3	WNW 2	10	10	—	
6	30.372	30.323	56.2	56.9	53.4	60.9	416	444	92	96	NW 2	Calm 0	10	10	—	
7	30.239	30.234	60.2	58.0	53.1	64.6	463	460	89	95	NW 1	NW 2	10	10	—	
8	30.238	30.207	59.5	56.5	55.6	60.4	457	438	90	96	Calm 0	Calm 0	10	0	—	☁ at night.
9	30.201	30.215	58.9	56.3	44.4	68.9	456	424	93	93	SSE 2	Calm 0	10	10	—	☁ 2 p.
10	30.277	30.283	58.8	56.0	47.0	73.1	479	419	97	93	Calm 0	Calm 0	10	10	—	☁ 2 p.
11	30.255	30.184	70.0	63.8	43.5	75.7	545	442	74	75	Calm 0	Calm 0	0	0	—	☁ 2 p.
12	30.113	30.078	60.0	56.1	54.9	71.0	488	415	95	91	SSW 2	Calm 0	10	10	—	☁ 2 p.
13	29.847	29.761	62.0	57.1	49.3	65.4	410	413	74	88	SW 2	Calm 0	10	5	0.013	☁ 2 p.
14	29.675	29.653	62.7	58.5	55.4	65.6	488	459	85	94	Calm 0	Calm 0	10	10	—	☁ 2 p.
15	29.637	29.522	61.0	60.1	55.9	65.4	419	425	79	83	Calm 0	SSE 3	10	10	—	☁ 2 p.
16	29.519	29.672	55.3	56.1	49.0	61.7	339	344	78	76	SSE 1	N 3	10	7	—	☁ 2 p.
17	29.790	29.853	57.8	54.1	53.5	60.0	380	362	70	87	NNE 4	Calm 0	9	10	—	☁ 2 p.
18	29.735	29.826	55.0	53.1	40.8	62.0	370	370	86	91	SSE 3	Calm 0	10	4	—	☁ 2 p.
19	29.914	29.914	59.0	53.3	46.1	66.4	383	373	77	92	Calm 0	Calm 0	10	10	—	☁ 2 p.
20	29.931	29.903	58.1	53.1	47.8	63.4	382	354	79	87	Calm 0	Calm 0	10	10	—	☁ 2 p.
21	29.660	29.672	55.9	54.1	51.6	65.4	400	349	90	84	SW 3	NW 4	10	5	0.078	☁ 2 p.
22	29.727	29.865	56.3	52.2	50.6	59.8	339	335	75	86	WNW 4	WNW 4	10	10	—	☁ 2 p.
23	29.780	29.816	54.2	49.5	47.5	56.4	343	340	82	91	Calm 0	WNW 4	10	10	—	☁ 2 p.
24	29.389	29.455	51.7	49.1	46.4	57.4	362	326	94	93	WNW 4	Calm 0	10	10	—	☁ 2 p.
25	29.457	29.515	55.2	51.3	48.3	59.5	376	344	87	91	NW 4	Calm 0	8	10	—	☁ 2 p.
26	29.412	29.580	54.3	52.8	47.3	58.4	334	366	80	91	Calm 0	Calm 0	10	10	—	☁ 2 p.
27	29.715	29.843	53.1	62.0	51.4	65.6	376	524	93	95	NNW 4	NW 2	10	10	—	☁ 2 p.
28	29.800	29.741	53.9	47.3	46.5	67.8	364	309	88	95	Calm 0	Calm 0	10	10	—	☁ 2 p.
29	29.520	29.313	55.4	50.6	44.7	62.7	301	338	69	92	WNW 4	Calm 0	6	10	—	☁ 2 p.
30	29.621	29.903	57.1	54.3	47.5	61.4	336	353	72	84	NW 2	NW 2	5	6	—	☁ 2 p.
31	29.070	29.057	56.6	49.2	48.3	62.4	358	324	78	93	N 2	Calm 0	10	10	—	☁ 2 p.
Means	29.771	29.518	52.8	48.3	58.4	56.9	369	460	92	95	ESE 4	SE 3	10	10	—	☁ 2 p.

DUBLIN.

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

AUGUST 1882.

1	30.180	30.182	63.9	63.1	59.3	71.4	.520	.499	88	86	W 5	W 5	10	9	—	Squally ☁. Cloudy a. Bright p. [Warm.]
2	.091	.173	59.9	57.1	56.9	65.8	.416	.331	81	71	W by N 4	WNW 3	8	5	—	
3	.289	.378	57.5	57.3	54.8	61.8	.327	.371	69	79	NW 3	NW 3	9	8	—	Very cloudy and cool.
4	.390	.399	57.9	60.9	54.1	68.4	.422	.433	88	82	NW 3	WNW 2	10	3	—	Cloudy till 4 p.
5	.360	.325	57.3	61.0	53.9	67.2	.404	.438	86	82	WNW 3	WNW 1	9	0	—	Cloudy till 3 p.
6	.251	.232	60.2	63.0	55.9	71.0	.444	.490	86	85	W by N 3	WNW 2	3	5	—	Brilliant morning.
7	.256	.237	60.9	59.1	59.1	64.6	.433	.466	82	93	NNW 2	Calm 0	10	1	—	Dull till 6 p. ☁ 2 p.
8	.243	.241	57.9	59.0	52.1	65.4	.444	.458	93	92	Calm 0	Calm 0	10	4	—	☁ till 9 a. Brilliant p. [☁ later.]
9	.288	.301	58.8	60.8	54.1	69.3	.436	.499	88	94	ENE 1	E 1	10	1	—	☁ a. Brilliant and very hot sun p.
10	.290	.229	63.0	61.8	55.2	70.0	.474	.490	82	89	E 1	Calm 0	0	0	—	Brilliant day. ☁ (mist) op.
11	30.175	30.039	61.9	61.5	52.9	69.3	.456	.461	82	84	ESE 2	S 1	0	7	—	Cir. and cum.-s. from SW. p. ☁.
12	29.935	29.824	62.8	60.0	58.3	68.4	.411	.447	72	87	SSE 2	S 1	5	6	—	Very fine a. Cir. from SW. ☁ p. [to S. 10 p.]
13	.694	.667	64.5	63.1	59.5	69.7	.549	.512	90	88	SE 2	W 3	6	6	—	☁ 3 a.-6 a. ☁ 2.30 p. ☁ 4.30 p.
14	.703	.647	64.0	60.0	59.0	68.7	.476	.382	80	74	WSW 2	SW 3	8	5	—	☁ shower (= 200 inch) ☁ 3 p.
15	.584	.625	56.3	54.1	52.8	61.5	.359	.373	78	89	W by N 5	WNW 3	3	5	—	☁ showers 10 a.-2 p. Squally ☁. Cir. [from S.]
16	.710	.847	59.0	57.9	52.9	61.4	.427	.411	86	86	NNW 5	NW 3	10	9	—	Squally ☁ a. Day dull and overcast.
17	.821	.844	57.7	59.7	51.1	68.9	.400	.447	84	88	SE 2	W 3	2	4	—	Brilliant a. Overcast p.
18	.973	.951	59.5	56.9	51.3	64.8	.398	.427	78	93	WSW 2	SW 2	4	4	—	Very fine early a. ☁ 10 a. Cloudy 10 a.-
19	.964	30.021	57.2	56.9	54.0	64.7	.392	.386	84	84	W 3	W 3	5	9	—	Very fine a. ☁ 2 showers p. [3 p.]
20	.839	.732	59.2	57.0	54.1	65.6	.375	.379	75	82	SW 5	W 5	7	6	—	Squally ☁ (gale) a. and p.
21	.749	.845	57.8	54.1	53.0	61.4	.322	.333	68	79	W by N 6	WNW 5	6	2	—	Squally ☁ a. and p. Cool.
22	.858	.249	54.9	56.3	50.6	57.2	.333	.418	77	92	W 4	SSW 7	10	10	—	Squally ☁ 2 p. Cir. from W. all day. [Bar. 29.120 11 p.]
23	.392	.499	53.5	50.8	47.9	57.3	.331	.309	81	83	NW 7	WNW 5	7	6	—	Squally ☁ a. and p. ☁ showers. [Cold. ☁ 2 p.]
24	.449	.567	55.9	54.6	49.9	62.5	.388	.378	87	89	NW 5	W 3	7	6	—	
25	.391	.524	55.5	55.1	51.2	59.6	.367	.371	83	85	E 3	NNW 3	10	7	—	Very fine day.
26	.680	.824	55.5	56.0	52.0	61.4	.397	.385	90	86	NW 4	WNW 4	10	9	—	Very fine, though cloudy.
27	.822	.789	54.3	55.1	51.0	58.8	.354	.361	83	83	W by N 3	W 2	10	7	—	Overcast all day.
28	.587	.458	59.4	54.2	51.9	62.3	.428	.332	85	79	SSW 3	WSW 3	10	7	—	☁ a. and p. Very bright p.
29	29.525	29.859	55.5	55.1	51.8	63.3	.343	.351	77	81	NNW 4	NW 3	7	0	—	
30	30.061	30.083	56.0	55.5	48.2	64.3	.360	.367	80	83	NNW 3	WSW 1	4	4	—	Cold and bright early a. Day sunny.
31	29.893	29.627	54.9	57.2	52.9	58.4	.394	.456	92	98	SSE 4	S 2	10	5	—	☁ 2 a. and till 5 p.
Means	29.915	29.910	58.5	57.9	53.6	64.7	.406	.412	82.4	85.4	3.3	2.6	7.1	5.2	—	

BIRR CASTLE, PARSONSTOWN.

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

AUGUST 1882.

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.	63.1	61.2	58.2	70.5	ins.	ins.	86	86	WSW 3	WSW 2	10	9	ins.	Squally ga.
2	30.239	30.230	58.2	56.2	55.0	67.1	418	342	86	75	NNW 1	NW 1	10	10	—	
3	30.150	30.222	58.2	56.2	53.0	67.1	418	342	86	75	NNW 1	NW 1	10	10	—	Squally p.
4	30.335	30.420	56.6	55.5	52.5	62.7	325	367	71	83	NW 1	NW 1	10	10	—	
5	30.426	30.439	60.9	58.7	51.9	70.5	459	438	87	88	WNW 0.5	WNW 2	10	9	—	
6	30.393	30.345	58.5	60.7	55.7	72.9	408	481	83	91	NW 0.3	Calm 0	10	0	—	
7	30.288	30.270	58.5	57.7	57.4	67.9	423	428	86	90	WSW 0.5	WSW 1	8	10	—	
8	30.269	30.223	59.3	60.3	57.1	72.0	412	462	82	88	Calm 0	E 0.2	10	0	—	☁ (mist) op.
9	30.232	30.215	58.5	61.6	50.8	73.1	474	500	97	92	Calm 0	Calm 0	10	0	—	☁ a. ☁ (mist) op.
10	30.284	30.289	56.0	62.6	47.2	78.3	431	492	96	86	Calm 0	Calm 0	10	0	—	☁ a.
11	30.271	30.220	66.5	64.5	48.0	80.0	509	535	78	88	Calm 0	Calm 0	2	0	—	☁ before ga. ☁ (mist) op.
12	30.155	30.033	62.7	61.4	59.1	72.5	463	456	81	84	S 0.3	SW 0.2	10	10	—	☁ before ga. ☁ (mist) p.
13	30.900	29.778	61.5	61.4	57.2	70.6	516	471	76	87	SSE 1	ESE 1	10	8	*094	☁ (mist) op.
14	*676	*698	61.5	57.9	57.3	64.9	519	444	95	93	Calm 0	WSW 1	10	10	*700	☁ p.
15	*698	*603	63.0	59.3	57.2	66.7	493	418	86	83	SW 0.2	SSE 1.5	10	10	*175	
16	*622	*708	56.0	54.5	50.8	60.0	355	365	79	86	WSW 1.5	NW 2	8	7	*258	☁ (mist) op.
17	*866	*883	56.3	50.0	50.0	60.0	387	342	85	95	NW 2	NW 0.5	10	0	—	☁ (mist) op.
18	*782	*879	60.1	55.1	42.8	65.9	381	382	74	88	ESE 0.5	SW 1	4	9	*056	
19	*969	29.955	58.0	56.0	47.7	65.1	407	402	84	89	SW 0.5	Calm 0	8	10	*024	
20	*992	30.036	58.7	54.5	50.4	64.1	354	373	71	88	WNW 0.5	SW 1.5	7	10	*112	
21	*779	29.778	56.7	53.9	51.6	62.9	398	378	87	91	S 1.5	WSW 2	10	10	*056	Squally a. and p.
22	*806	*937	58.1	52.4	51.8	60.9	334	339	69	83	W 3	WSW 3	6	1	*018	Squally a. and p. ☁ (mist) op.
23	*873	*262	54.4	51.9	50.2	59.8	353	316	83	82	W 2	WSW 3	10	0	*268	☁ (mist) ga. and op. Squally p.
24	*473	*549	53.3	50.2	47.0	59.3	318	302	78	84	WNW 2	W 2	10	10	*123	Squally a. and p.
25	*530	*567	55.1	51.3	49.0	60.0	380	332	87	88	WNW 2	SSW 1	10	8	*138	Squally a. and op.
26	*376	*590	54.1	54.0	48.8	59.0	336	385	80	92	ENE 0.5	WNW 1	8	10	—	Squally p.
27	*755	*896	55.3	53.7	50.1	59.4	380	364	87	88	WNW 1	WSW 1	9	10	*030	☁ (mist) a. Squally p.
28	*839	*774	53.7	52.4	49.1	61.4	337	350	81	83	NNW 0.3	SSW 0.2	8	10	*125	☁ (mist) a.
29	*597	*411	55.0	51.3	51.0	61.1	380	347	90	92	W 0.5	SW 1.5	10	10	*132	☁ (mist) a.
30	29.609	29.939	56.5	51.3	49.8	62.9	371	342	81	90	NNW 1	W 0.5	8	0	*035	☁ (mist) op.
31	30.101	30.076	58.1	55.1	46.4	64.0	354	369	73	85	WNW 1	Calm 0	3	10	*139	☁ (mist) op.
32	29.791	29.590	54.7	62.0	51.5	63.9	394	520	93	94	ESE 1.5	ESE 0.5	10	10	*715	
Means	29.936	29.930	58.0	56.5	51.7	65.8	403	403	83.1	87.5	0.9	1.0	8.7	6.8	3.378	

DUNROBIN CASTLE.

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

SEPTEMBER 1882.

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.	M. n.	Max.	9 a.m.	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.	54.0	56.5	55.1	56.9	in.	in.	%	%	SE	E	—	—	ins.	Dull, with ☁.
2	29.605	29.175	54.0	56.5	55.1	56.9	56.9	56.9	90	94	S	SW	—	—	1.60	
3	29.618	29.093	54.5	57.0	55.5	57.0	57.0	57.0	90	94	N	N	—	—	1.50	Dull and cloudy.
4	30.079	29.897	51.7	52.0	47.6	55.0	29.8	31.0	78	80	N	SW	—	—	—	Dull a. Fine p.
5	29.846	30.040	60.2	50.3	47.6	62.9	33.5	29.9	64	82	N	NW	—	—	—	Fine and clear.
6	30.190	30.343	59.6	51.5	47.6	62.4	33.5	33.5	64	85	NW	W	—	—	—	Fine a. Dull p.
7	29.0	29.162	55.3	50.5	45.7	64.4	35.4	30.0	81	66	W	NE	—	—	0.40	Fine all day.
8	29.8	29.421	58.6	48.5	44.7	61.4	33.5	29.2	68	87	NE	NE	—	—	—	Fine all day.
9	30.238	30.007	53.7	56.3	47.7	62.9	29.1	36.1	71	99	SW	SW	—	—	—	Fine a. Dull p.
10	29.814	29.610	55.0	48.3	47.6	56.3	38.3	31.8	89	95	N	W	—	—	—	Dull a. Fine p.
11	29.578	29.590	52.7	41.4	39.6	57.0	28.7	23.1	73	89	NW	W	—	—	1.10	Fine all day.
12	29.607	29.641	54.3	43.9	37.6	54.3	29.3	28.3	70	99	W	W	—	—	0.70	Fine but cold.
13	29.606	29.701	52.5	49.3	42.7	53.5	32.2	30.6	81	88	SE	NE	—	—	2.10	☁ showers a. Fine but cold p.
14	29.540	29.633	52.5	55.0	48.6	56.3	28.2	38.3	72	89	E	E	—	—	2.00	☁ showers a. Dull. Stormy p.
15	29.638	29.685	55.7	54.5	53.6	58.4	40.3	39.6	91	94	E	W	—	—	3.40	Fine a. Dull, with ☁ p.
16	29.685	29.840	53.0	47.7	46.5	58.6	35.5	27.8	88	85	W	W	—	—	—	Dull a. Fine p.
17	29.838	29.941	53.7	44.4	43.2	59.2	33.1	27.2	80	93	SW	E	—	—	0.20	Fine a. and p. ☁ showers mid-day.
18	30.049	30.223	55.5	48.3	39.1	56.6	32.8	29.9	75	89	SE	N	—	—	—	Fine all day.
19	29.241	29.296	52.7	50.5	46.6	55.5	31.5	31.7	79	87	NE	NE	—	—	0.30	Dull all day.
20	29.233	29.178	50.3	50.0	42.5	55.3	26.8	30.2	74	84	E	NE	—	—	—	Dull all day.
21	30.125	30.054	50.7	50.5	49.6	54.5	29.5	34.2	80	94	E	NE	—	—	—	
22	29.931	29.869	51.5	49.3	46.7	58.4	32.5	32.6	85	93	E	NE	—	—	0.60	Fine all day.
23	29.849	29.854	52.0	51.5	44.7	55.0	35.5	35.5	91	94	SW	SW	—	—	4.80	Dull a. ☁.
24	29.751	29.851	53.5	50.5	48.6	60.2	38.7	35.5	95	97	SW	S	—	—	3.80	Dull, with ☁.
25	29.693	29.671	52.5	47.5	46.7	55.5	38.1	30.4	97	94	E	S	—	—	—	
26	29.543	29.448	53.0	52.3	43.2	57.2	35.5	37.6	88	96	NE	SE	—	—	1.50	Dull, with ☁.
27	29.506	29.465	55.0	53.5	51.6	57.4	41.2	38.2	95	94	SE	SE	—	—	3.00	☁ all day.
28	29.341	29.557	53.5	43.9	41.7	57.9	32.9	25.1	80	87	E	E	—	—	0.30	☁ a. Fine p.
29	29.506	29.659	47.7	47.5	38.6	56.0	30.6	28.1	93	87	E	SE	—	—	1.00	Clear a. ☁ showers p.
30	29.751	29.496	52.0	52.5	47.5	54.7	27.2	30.5	72	77	SW	SW	—	—	—	Fine a. Dull p.
Means	29.797	29.812	53.8	50.3	45.9	57.8	33.8	32.2	81.6	88.2	—	—	—	—	3.000	

BRAEMAR.

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

SEPTEMBER 1882.

1	29.558	29.175	51.5	56.3	46.5	58.3	355	401	94	88	SE	0.5	SW	1	10	10	3.50	☁ showers.
2	29.025	29.228	54.5	51.5	51.2	61.3	308	330	87	87	SW	1	SW	2	8	8	1.30	☁ showers.
3	29.536	29.76	52.5	47.5	47.5	56.5	368	287	94	89	NE	0.5	SW	1	10	5	0.20	
4	30.078	29.992	47.3	45.8	37.3	58.5	240	263	74	86	NE	1	W	1	8	2	0.50	
5	29.866	30.053	54.5	46.5	44.6	59.5	396	270	94	87	SW	4	SW	2	4	3	—	
6	30.201	30.376	52.8	44.9	43.1	57.5	290	265	73	90	W	2	W	0.5	4	0	—	
7	29.86	29.223	53.5	50.7	37.6	60.7	390	297	96	81	W	1	SW	2	5	6	0.20	
8	29.282	29.462	54.7	42.3	42.3	59.5	293	248	69	92	NW	2	NW	0.5	2	0	—	Meteors seen.
9	30.261	30.090	54.2	51.5	33.4	61.5	297	312	71	82	SW	3	SW	2	2	4	—	
10	29.808	29.693	53.5	47.8	47.8	54.3	362	307	89	93	SW	2	W	1	9	9	2.00	Dull, with ☁.
11	29.779	29.638	47.7	39.6	37.6	53.5	231	229	70	94	NW	1	SW	0.5	3	0	—	
12	29.633	29.623	41.6	43.6	37.3	55.4	220	259	84	91	W	0.5	SW	0.5	1	0	—	
13	29.679	29.664	44.9	40.5	39.3	52.5	205	255	90	82	N	1	N	2	8	5	0.70	
14	29.546	29.605	50.7	52.5	45.1	55.5	314	368	85	94	SW	2	N	2	8	10	3.70	☁ all day.
15	29.620	29.725	54.8	50.2	49.5	57.5	392	327	91	91	NE	0.5	SW	1	8	10	0.50	
16	29.720	29.807	50.8	42.6	42.6	54.3	364	249	98	91	SW	0.5	SW	0.5	8	0	0.10	Pair.
17	29.845	29.919	48.5	43.3	38.6	55.1	288	263	85	94	SW	2	SW	1	8	3	0.70	☁ showers.
18	30.056	30.150	37.4	38.9	26.8	55.3	208	231	93	98	W	0.5	W	0.5	5	0	0.10	Meteors seen.
19	29.193	29.205	48.2	49.5	36.4	54.5	295	329	89	94	NE	1	NE	6	8	9	—	
20	29.162	29.138	45.8	46.5	44.6	49.9	278	293	91	94	E	4	NE	4	8	8	—	
21	30.081	30.053	46.3	46.5	44.1	52.5	279	300	90	96	E	1	NE	1	8	8	—	
22	29.931	29.887	47.7	48.5	45.6	50.7	296	292	90	87	SW	1	SW	1	8	7	—	
23	29.868	29.913	48.9	48.5	46.1	52.8	321	342	93	100	SW	0.5	SW	0.5	8	10	1.50	Pair a. ☁ p.
24	29.724	29.812	51.2	49.5	47.9	58.3	348	355	93	100	SW	2	SW	0.5	10	10	2.60	Dull, with ☁.
25	29.704	29.714	50.2	49.3	48.5	54.5	307	331	85	95	SW	0.5	SW	0.5	9	8	0.40	Dull, with ☁.
26	29.589	29.490	53.3	49.3	45.3	55.2	316	331	77	95	SE	1	SE	0.5	8	10	4.40	Dull, with ☁.
27	29.267	29.273	49.7	46.5	46.3	51.6	352	318	99	100	SE	2	SW	1	10	7	5.90	☁ a. T.
28	29.352	29.576	47.5	35.9	35.9	51.3	265	299	82	99	SW	1	SW	0.5	7	10	0.80	☁.
29	29.540	29.607	34.7	43.4	30.6	53.5	196	262	97	93	SW	0.5	SW	0.5	7	7	0.80	Fine a. ☁ p.
30	29.754	29.510	34.7	47.5	30.4	49.5	188	299	93	91	SW	0.5	SW	10	6	8	1.00	☁ showers.
Means	29.792	29.818	48.8	46.8	41.8	55.4	303	294	87.2	91.8	1.3	1.6	6.9	5.9	3.090			

LAUDALE.

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

SEPTEMBER 1882.

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	56°0	51°6	62°6	ins.	ins.	95	93	ESE 2	Calm 0	10	10	ins.	Dull and gloomy with ☁ 2.
2	29°420	29°168	56°7	56°0	51°6	62°6	39°2	41°9	85	93	Calm 0	Calm 0	10	9	°040	Dull and gloomy a.
3	°015	°247	58°3	54°5	54°0	62°0	41°7	38°2	86	90	Calm 0	Calm 0	10	9	—	☁ (mist) a. Dull and gloomy.
4	29°636	°932	57°1	52°2	50°5	59°3	39°8	31°3	85	80	NNW 3	N 3	8	3	—	☁ (mist) a. Dull and gloomy.
5	30°124	29°950	53°9	53°8	46°5	56°8	30°7	31°2	74	75	Calm 0	SSW 5	10	10	°300	Mackerel sky a.
6	29°966	30°109	55°4	52°2	50°0	58°1	32°9	31°3	75	80	WNW 4	WNW 2	6	9	°020	Yellow ☁ at sunset.
7	30°272	°351	56°2	49°0	47°8	59°4	°362	°300	80	87	WNW 3	WNW 1	8	3	—	☁ (mist) a. Yellow ☁.
8	°380	°314	53°8	52°0	45°0	58°4	°337	°330	81	85	Calm 0	W 4	10	8	°040	☁ (mist) a. Dark and gloomy.
9	°374	°450	56°2	46°5	46°0	58°6	°337	°303	74	96	WNW 2	Calm 0	3	0	—	☁
10	30°306	30°051	54°0	58°2	42°8	62°5	°317	°393	76	81	SSE 3	S 2	2	10	°490	☁ a. Dark and gloomy from 11 a.
11	29°791	29°640	50°2	51°3	49°1	58°8	°356	°291	98	77	WSW 2	Calm 0	10	8	°150	☁ 2 a. ☁ (mist) on hills. ☁ to SW
12	°548	°582	48°4	47°8	44°5	56°0	°281	°257	83	78	SSW 1	SW 1	9	7	°210	☁ (mist) a. and p.
13	°601	°636	47°8	43°9	41°0	55°9	°300	°266	91	93	S 2	Calm 0	8	2	°020	☁ (mist) a.
14	°681	°683	44°0	45°0	40°9	50°8	°261	°282	90	94	Calm 0	Calm 0	3	1	°020	Mackerel sky a.
15	°645	°650	52°0	54°0	43°0	54°7	°335	°374	86	90	WNW 5	NNW 3	10	10	—	☁ (mist) a. Dull and gloomy.
16	°645	°686	55°0	53°0	52°7	58°4	°403	°397	93	99	Calm 0	S 1	10	10	°540	☁ (mist) a. Very gloomy. ☁ from 11.30
17	°759	°861	52°0	52°0	48°8	58°3	°361	°310	93	80	Calm 0	SW 1	10	8	°100	☁ ga. Very gloomy.
18	29°885	29°922	52°0	48°0	46°4	54°8	°299	°287	77	87	W 3	Calm 0	7	3	°120	☁ (mist) a.
19	30°068	30°154	50°0	50°0	44°0	54°9	°334	°324	93	90	NW 1	Calm 0	9	2	°010	☁ (mist) a.
20	°240	°217	53°0	55°0	42°0	58°3	°304	°349	75	81	N 1	Calm 0	3	2	—	—
21	°141	°097	51°6	51°1	48°3	56°6	°292	°298	76	79	NE 2	NE 3	4	1	—	Sky green to W. and N. p.
22	30°072	30°015	51°0	51°1	42°4	60°0	°299	°335	80	89	E 2	Calm 0	2	10	—	Day fine and bright.
23	29°929	29°893	53°0	52°0	50°0	54°8	°306	°330	76	85	S 1	SSW 1	10	8	°010	☁ (mist) a. and p. U 9p. [equal
24	°860	°835	52°1	51°9	50°1	53°3	°342	°362	87	94	S 5	Calm 0	10	10	°790	☁ (mist) a. and p. Gloomy. Strong
25	°771	°785	53°2	49°9	49°0	56°0	°342	°335	84	94	SW 2	Calm 0	9	10	°650	☁ (mist) a. Gloomy. Beautiful [sunse
26	°653	°648	50°0	45°2	44°5	56°3	°348	°295	97	98	Calm 0	Calm 0	10	3	°220	☁ 2 ☁ (mist) a. Gloomy till 11 a.
27	°525	°371	51°4	53°0	43°6	59°2	°366	°399	96	92	Calm 0	SSW 1	10	10	°080	Dark and gloomy. ☁ (mist) [hills
28	°230	°216	54°3	51°8	46°8	55°7	°376	°361	89	93	Calm 0	SW 1	8	10	1°510	☁ (mist) a. Gloomy. ☁ 2 from 11
29	°408	°512	50°4	54°5	43°0	54°2	°315	°266	86	91	W 5	W 1	9	2	°060	— n. Short — ga. Mackerel sky [to W.
30	°500	°688	51°0	46°0	43°0	52°6	°299	°265	80	86	E 1	Calm 0	9	10	°150	—
31	29°704	29°409	47°0	45°0	38°3	54°8	°275	°382	86	90	E 2	S 6	8	10	°110	☁ ga.
Means	29°805	29°802	52°4	50°8	46°1	57°4	°333	°327	84°4	87°6	1°7	1°2	7°8	6°6	6°220	

ROTHESAY.

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

SEPTEMBER 1882.

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°	57°	49°	60°	in.	in.	99	100	E	Calm	—	—	ins.	
2	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
3	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
4	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
5	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
6	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
7	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
8	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
9	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
10	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
11	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
12	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
13	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
14	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
15	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
16	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
17	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
18	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
19	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
20	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
21	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
22	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
23	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
24	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
25	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
26	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
27	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
28	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
29	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
30	29°466	29°219	55°	57°	49°	60°	430	467	99	100	E	Calm	—	—	1°340	
Means	29°829	29°831	53°9	50°6	44°7	60°2	368	348	88°2	93°7	—	—	—	—	5°520	

PINMORE.

Height above Mean Sea Level, 187 feet. Long. 4° 59' W. Lat. 55° 14' N.

SEPTEMBER 1882.

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°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
2	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
3	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
4	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
5	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
6	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
7	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
8	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
9	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
10	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
11	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
12	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
13	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
14	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
15	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
16	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
17	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
18	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
19	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
20	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
21	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
22	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
23	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
24	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
25	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
26	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
27	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
28	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
29	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
30	29°474	29°250	58°5	58°5	53°0	65°0	447	463	92	95	S	S	—	—	1°040	
Means	29°820	29°825	52°8	50°0	44°0	59°6	354	330	87°9	91°6	—	—	—	—	5°700	

SCALEBY (NEAR CARLISLE).

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

SEPTEMBER 1882.

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.	60°	61°	52°	65°	m.	in.	99	99	SE	5	SE	6	9	0	ins.
1	29°537	29°267	60°	61°	52°	65°	503	541	99	98	SE	5	SE	6	9	0	320
2	°099	°326	58°	54°	53°	62°	°485	°427	99	99	SW	6	Calm	0	10	10	°050
3	29°533	29°807	58°	54°	53°	63°	°480	°427	99	99	SW	2	Calm	0	10	10	°180
4	30°006	30°127	58°	52°	49°	64°	°479	°389	97	99	Calm	0	SW	3	7	10	°030
5	°000	°146	57°	49°	47°	62°	°472	°331	99	94	SW	3	W	2	10	2	°020
6	°304	°376	53°	49°	39°	67°	°367	°329	90	92	NW	3	Calm	0	3	0	—
7	°429	°338	53°	47°	38°	64°	°397	°330	95	99	Calm	0	SE	3	0	0	—
8	°367	°422	55°	52°	42°	66°	°419	°369	96	92	Calm	0	N	1	10	0	—
9	30°394	30°189	50°	53°	42°	67°	°477	°412	93	99	SE	3	SE	1	1	0	—
10	29°928	29°713	57°	54°	50°	62°	°451	°421	96	98	SE	3	Calm	0	10	10	°160
11	°641	°654	50°	43°	43°	61°	°356	°284	95	99	SW	1	Calm	0	10	3	—
12	°673	°654	49°	46°	35°	60°	°356	°294	99	92	Calm	0	Calm	0	0	4	—
13	°660	°635	52°	47°	43°	64°	°369	°330	92	99	Calm	0	S	2	1	3	°140
14	°571	°481	47°	49°	45°	50°	°316	°356	97	99	SW	2	Calm	0	10	10	°560
15	°705	°815	54°	49°	44°	63°	°409	°329	98	92	S	3	SE	2	1	2	—
16	°827	°947	53°	51°	47°	58°	°412	°375	99	99	S	4	Calm	0	10	5	—
17	29°973	29°985	52°	47°	46°	59°	°397	°325	99	98	Calm	0	Calm	0	10	4	—
18	30°064	30°089	51°	43°	37°	60°	°377	°284	98	99	Calm	0	E	1	2	0	—
19	°087	°037	51°	55°	35°	58°	°336	°443	89	99	N	2	NW	5	10	10	°050
20	°018	30°005	53°	54°	50°	58°	°396	°397	97	92	NE	5	N	4	10	10	—
21	30°018	29°941	53°	51°	50°	58°	°396	°362	97	96	NE	5	NW	1	10	10	—
22	29°960	°903	54°	52°	48°	63°	°404	°397	96	99	Calm	0	Calm	0	9	10	—
23	°935	°912	52°	52°	50°	60°	°375	°382	96	95	W	1	SW	2	10	0	—
24	°820	°839	56°	54°	51°	62°	°443	°427	95	99	SE	6	SE	3	8	6	—
25	°716	°612	60°	56°	50°	60°	°503	°459	96	99	S	5	Calm	0	7	10	°160
26	°560	°347	57°	52°	50°	63°	°461	°375	95	96	Calm	0	E	2	9	5	°110
27	°194	°280	56°	47°	46°	62°	°422	°330	91	99	SW	3	E	2	3	6	°030
28	°505	°598	51°	43°	42°	57°	°367	°278	97	99	SW	4	E	2	8	0	—
29	°466	°658	49°	45°	38°	56°	°356	°295	99	98	E	1	Calm	0	8	6	—
30	29°780	29°585	45°	54°	38°	55°	°288	°421	96	98	S	1	S	7	8	10	°120
Means	29°820	29°827	54°	51°	45°	53°	°409	°371	96°0	97°2	2°2	1°0	7°1	5°2	1°930		Squally 9p.

DOUGLAS, ISLE OF MAN.

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

SEPTEMBER 1882.

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	57°0	44°9	60°8	ins.	ins.	%	%	SSE 4	SSW 4	10	10	ins.	☉ till 4p. and at night.
2	29°518	29°291	58°5	57°0	44°9	60°8	484	440	99	94	SW 5	W 1	10	7	003	
3	29°595	29°806	56°4	55°4	54°0	62°3	420	412	93	86	WNW 2	NW 4	0	8	—	
4	30°112	30°138	58°0	51°9	49°2	59°8	350	341	73	88	NNW 4	SW 2	3	3	055	
5	039	182	60°0	52°6	51°7	63°6	485	327	94	82	W 4	NW 2	10	3	—	
6	312	397	55°0	50°7	47°7	61°8	362	348	84	94	NNW 3	NNW 2	6	0	010	
7	424	320	58°0	42°8	40°1	62°2	357	270	74	99	SE 2	NNW 1	2	0	—	D ² a. and p.
8	392	439	55°5	46°8	42°6	64°4	378	301	86	94	WNW 2	Calm	0	8	—	D ² a. and p.
9	30°371	30°185	56°7	47°8	39°4	60°5	415	311	90	93	SE 3	Calm	0	10	—	(mist) a. D ² p.
10	29°933	29°724	57°5	51°7	44°3	57°7	422	384	89	100	SSW 3	NNW 3	8	9	175	D ² a. ☉ 2p.—6p.
11	684	670	52°3	44°3	40°2	56°0	300	282	76	97	W 3	WNW 1	4	5	—	D ² a. ☉ 2p.—6p.
12	664	667	51°7	42°0	37°2	57°5	291	263	76	98	WNW 2	Calm	0	3	—	L a. D ² p.
13	668	661	54°3	41°0	38°4	58°5	331	235	76	92	NW 2	NNW 1	3	1	—	D ² 9p.
14	594	513	52°2	53°7	39°1	53°7	303	413	78	99	NW 5	NNW 3	10	10	287	
15	701	786	55°4	55°3	52°9	59°4	371	386	85	88	ESE 3	S 3	8	9	100	
16	838	29°953	54°0	52°1	52°0	59°5	388	376	93	96	W 3	Calm	0	10	—	
17	29°981	30°024	55°7	45°8	45°8	57°8	343	299	77	97	WNW 2	WNW 1	7	2	110	☉ 6p.—7p.
18	30°043	083	50°5	44°8	43°3	58°7	354	287	96	97	NNW 2	NNW 1	10	0	100	D ² p.
19	30°128	30°023	53°6	50°7	45°8	57°5	333	403	80	88	N 2	NNE 6-7	8	9	010	Squally ☉ a. and p.
20	29°962	29°966	54°0	53°8	52°9	57°7	340	372	82	89	NE 6	NE 7	6	3	—	
21	30°015	994	56°7	53°2	51°7	58°2	381	358	83	89	NE 4	NE 3	6	6	—	
22	29°964	957	56°4	53°7	43°5	58°7	353	390	77	94	E 2	Calm	0	8	—	(mist) p.
23	943	886	55°4	55°7	52°9	60°0	371	413	85	93	SW 1	SSW 4	8	9	043	
24	835	772	54°3	55°5	54°1	58°1	408	415	97	94	Calm	S 4-5	10	10	340	☉ all day.
25	732	642	55°0	51°7	51°7	57°2	389	384	90	100	SW 3	E 2	8	10	610	☉ 4p. ☉ 2 at night.
26	568	317	55°7	50°3	51°7	58°4	401	415	90	91	SE 4	E 3	9	7	010	(mist) p.
27	211	383	57°7	47°2	47°2	58°6	381	320	79	99	S 2	NW 5	7	10	150	
28	555	569	52°0	43°3	43°3	56°8	310	272	80	97	W 4	Calm	0	3	420	D ² p.
29	527	662	48°0	47°9	43°1	56°6	335	304	100	92	SW 2	NW 3	10	5	420	☉ 7.30a.—11a. and 5p.
30	29°755	29°567	51°4	57°9	37°9	57°9	295	480	78	100	SSE 3	SSW 4	8	10	040	☉ 2 showers 11a.—4p. ☉ (mist) 9p.
Means	29°839	29°833	55°0	50°9	46°4	59°1	369	353	85°1	93°6	2°9	2°4	7°4	5°7	3°947	

WAKEFIELD.

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

SEPTEMBER 1882.

1	29°743	29°397	58°9	65°4	53°0	66°0	465	511	94	82	SSE 2	SSE 2	10	8	190	Dull day.
2	314	384	61°4	59°6	58°2	66°2	361	397	67	78	SSW 5	SW 3	5	10	070	
3	29°609	29°859	62°0	56°2	55°2	65°6	375	406	68	90	W 3	WNW 2	3	10	090	
4	30°122	30°192	55°8	51°0	50°5	63°0	339	298	76	80	NW 2	SSW 2	10	10	060	
5	091	157	57°0	51°4	47°9	63°8	375	333	80	88	SW 2	W 2	10	2	100	Dull till 2.30p., then fine.
6	287	413	54°3	46°6	42°7	63°6	290	292	69	93	SW 1	SW 2	10	0	—	Fine from 1p.
7	459	380	52°3	47°3	35°0	64°2	322	297	82	92	SE 2	NE 2	0	10	—	☉ early a. Bright 9a. Dull 9p.
8	397	420	57°0	52°8	35°4	65°4	330	356	71	88	W 1	NE 2	10	3	—	Dull 9a. Fine 9p.
9	428	30°244	54°4	58°6	48°1	64°8	381	370	90	75	NE 2	S 2	10	8	—	
10	30°026	29°759	52°0	53°0	43°1	66°8	270	348	87	86	SW 2	SSW 2	5	10	030	
11	29°669	670	55°3	43°2	42°1	62°9	323	214	74	77	WNW 2	WNW 2	10	0	—	
12	651	639	52°2	49°0	36°4	58°2	285	322	73	93	N 2	NW 2	3	10	230	Bright 9a.
13	673	634	51°4	47°8	42°9	59°0	294	303	78	91	WSW 2	NW 2	10	8	010	
14	572	573	50°3	50°2	42°7	56°8	325	288	90	80	WSW 3	WSW 2	10	10	—	
15	782	908	41°9	40°7	33°2	63°2	264	238	99	94	SW 2	SE 2	10	5	—	☉ 9a. Fine after 10a.
16	902	29°938	48°2	53°2	33°1	67°0	284	366	85	91	SE 2	WSW 2	2	10	030	Fine day, but dull after 8p.
17	29°959	30°021	55°3	50°6	49°1	61°8	375	328	86	89	SSW 1	NW 1	10	10	—	Dull day.
18	30°039	30°088	53°3	49°2	43°1	58°0	315	315	77	91	WNW 2	NNE 2	1	3	—	Fine day.
19	30°038	29°926	53°1	57°0	40°0	57°8	324	433	80	92	NNW 4	NNE 4	10	10	260	☉ 4.30p.
20	29°873	900	54°2	55°3	53°8	58°0	413	427	98	97	NNW 5	N 4	10	10	070	
21	066	066	53°7	52°0	51°1	56°0	393	366	95	94	N 3	N 2	10	10	020	Dull and gloomy.
22	060	958	55°2	50°2	43°7	61°8	349	334	81	93	N 2	SE 2	2	4	—	Fine.
23	095	976	49°9	55°2	41°0	61°8	336	345	94	79	S 2	SSW 2	10	6	—	Fine from 11a.
24	937	910	57°0	55°2	52°2	63°8	351	386	75	89	S 2	ESE 2	7	10	—	Fine day.
25	816	702	56°2	57°2	52°4	63°9	385	378	85	81	SE 2	SSE 2	6	7	—	Fine day.
26	563	354	56°0	55°6	48°9	62°8	418	422	92	95	ESE 2	SSE 1	8	10	140	Fine till 6p., then ☉. ☉ 6.35p.
27	241	366	51°2	50°4	47°5	58°5	366	319	98	88	SSW 1	W 2	10	8	160	☉ 1.15p.
28	571	619	51°0	41°9	40°6	59°4	305	246	82	93	WSW 3	SW 2	9	10	140	
29	482	711	47°5	41°9	39°0	56°0	302	254	93	96	NNW 2	WSW 2	10	10	020	Dull day.
30	29°800	29°709	51°0	54°2	41°0	56°0	312	385	84	92	WSW 2	SE 1	10	10	340	Dull and gloomy.
Means	29°867	29°859	53°7	51°7	44°8	61°7	344	343	83°4	88°2	2°3	2°1	7°7	7°7	1°960	

LLANDUDNO.

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

SEPTEMBER 1882.

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	59°8	55°0	67°2	ins.	ins.	%	%					ins.	☉ showers a. Fine p.
2	29°542	29°360	61°8	59°8	55°0	67°2	496	421	90	82	SW 2	S 3	10	2	030	☉ showers.
3	240	412	61°5	58°8	57°0	61°5	410	467	76	94	SW 7	SW 2	5	10	130	☉ showers.
4	29°636	29°924	60°0	57°0	55°8	61°0	434	406	84	87	W 1	SW 1	6	10	030	☉ showers.
5	30°151	30°212	56°4	56°2	51°2	57°8	381	265	84	58	N 1	NW 2	10	0	—	
6	099	202	59°0	55°0	46°8	59°2	480	349	96	81	SW 1	N 1	10	2	040	Damp a. Fine p.
7	342	423	58°2	56°0	51°7	58°9	381	364	79	81	N 1	N 2	5	0	—	Very fine.
8	432	410	58°2	54°0	47°0	61°5	389	374	80	90	N 1	N 1	0	0	—	Very fine.
9	422	460	57°6	56°3	47°2	60°1	418	415	87	91	NW 1	W 1	10	10	—	Very fine.
10	30°384	30°779	59°1	54°0	49°0	62°8	400	374	80	90	S 1	S 1	0	0	—	Very fine.
11	29°977	29°746	57°2	56°2	49°2	61°2	379	413	81	91	W 1	W 3	0	10	140	Fine till 4p., then ☉.
12	716	689	52°0	47°2	46°8	58°0	296	273	76	85	NW 1	W 1	8	0	235	Very fine.
13	689	701	52°0	50°0	44°2	55°2	292	275	75	77	WNW 1	NW 1	6	0	187	Very fine.
14	691	683	53°5	48°8	45°0	59°0	342	299	83	87	WNW 2	NW 1	3	0	—	Very fine.
15	617	570	52°2	49°0	42°0	55°0	328	331	84	96	W 1	WWN 1	10	10	213	☉ from 2p.
16	717	840	54°0	53°8	45°0	62°1	319	321	76	80	SW 1	WNW 1	0	0	—	Very fine.
17	29°861	29°981	56°4	53°8	48°0	58°0	366	364	81	87	S 1	SW 1	10	7	028	
18	30°013	30°062	55°0	53°8	50°2	56°7	360	321	83	80	SW 1	NW 1	10	3	330	
19	075	30°085	49°6	49°8	47°5	55°2	329	317	93	88	NW 1	N 1	8	0	015	
20	30°117	29°976	53°0	57°8	43°0	58°0	318	421	79	87	NE 2	NE 3	10	10	155	Cold and dull.
21	29°948	0940	55°4	56°1	54°7	58°0	370	366	85	81	E 7	E 4	10	7	—	Dull, cold, and windy.
22	082	29°990	56°6	55°2	53°7	57°9	382	400	83	91	NE 5	NE 1	9	8	—	Very fine.
23	083	30°011	55°0	54°2	52°2	58°0	360	374	83	89	E 1	NE 1	9	10	—	
24	085	29°958	54°7	54°0	51°8	57°3	366	353	86	84	SE 1	SW 1	10	7	—	
25	871	776	57°8	56°8	52°5	60°8	364	339	76	73	S 3	SW 1	10	9	010	
26	771	659	54°4	54°7	52°8	56°8	388	416	92	97	SW 1	SE 1	10	10	140	Dull and damp.
27	562	323	55°0	55°2	51°4	59°8	367	383	85	88	SE 1	E 1	10	025	—	
28	274	421	53°7	51°0	47°2	59°7	339	317	82	85	SW 1	W 3	2	10	050	Fine a. Dull and cold p.
29	604	583	52°7	48°0	47°2	57°0	303	279	76	84	W 2	W 1	4	10	—	Very fine.
30	521	723	50°4	50°5	46°2	56°4	324	332	89	88	S 1	W 1	1	7	096	Fine till 5.30p., then ☉
30	29°799	29°799	51°0	61°2	44°2	66°0	305	402	82	92	SW 1	SW 3	10	9	130	Dull, damp day.
Means	29°865	29°865	55°4	54°1	49°2	59°2	366	360	82°9	85°5	1°7	1°5	6°9	5°7	1°984	

HILLINGTON, NORFOLK.

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

SEPTEMBER 1882.

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	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
2	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
3	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
4	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
5	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
6	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
7	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
8	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
9	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
10	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
11	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
12	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
13	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
14	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
15	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
16	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
17	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
18	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
19	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
20	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
21	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
22	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
23	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
24	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
25	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
26	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
27	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
28	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
29	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
30	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	
Means	29.745	29.520	58.7	59.7	57.7	64.2	in.	in.	98	95	SW 4	S 5	10	10	ins.	

UPPINGHAM.

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

SEPTEMBER 1882.

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	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
2	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
3	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
4	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
5	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
6	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
7	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
8	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
9	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
10	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
11	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
12	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
13	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
14	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
15	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
16	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
17	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
18	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
19	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
20	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
21	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
22	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
23	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
24	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
25	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
26	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
27	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
28	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
29	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
30	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	
Means	29.703	29.484	57.9	62.7	51.4	63.1	in.	in.	99	96	SW 3	SW 6	10	10	ins.	

CHURCHSTOKE.

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

SEPTEMBER 1882.

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.	61.3	61.0	53.0	67.4	in.	in.	88	82	SW 4	W 5	8	9	ins.	Dull and gusty.
2	29.640	29.428	58.7	58.0	55.5	64.3	.358	.421	73	87	SW 5	SW 6	6	8	.130	☞
3	29.654	29.927	61.0	55.2	54.0	61.9	.464	.378	87	87	SW 4	NW 4	8	8	.100	Dull and gusty.
4	30.133	30.275	55.2	45.3	44.5	61.9	.385	.269	89	89	SW 3	Calm 0	5	0	.010	☞
5	.156	.201	58.3	49.9	42.5	62.2	.416	.333	86	93	SW 6	NW 2	7	2	.037	
6	.313	.424	53.9	43.8	42.0	60.1	.370	.276	89	97	NNW 2	NW 1	6	2	—	☞. Dull a.
7	.453	.422	49.2	45.3	38.5	62.4	.340	.293	98	97	SW 1	Calm 0	4	0	—	☞ ☞ ☞ a. Cold wind p.
8	.443	.470	56.4	51.9	37.3	63.9	.443	.375	97	98	SW 1	SW 1	4	3	—	☞ ☞. Fine and bright.
9	.431	.30.237	51.9	47.9	44.8	61.9	.362	.318	94	96	S 3	SW 2	4	6	—	☞ ☞
10	30.058	29.846	54.6	54.9	38.5	64.9	.394	.404	93	94	S 2	SW 1	7	4	—	☞ ☞ (mist) a. Day fine and sunny
11	29.720	.746	54.9	38.8	37.0	56.1	.404	.208	94	89	WSW 4	SW 1	5	0	.015	
12	.694	.692	49.9	45.3	32.5	57.4	.328	.274	92	91	NW 2	SW 1	2	6	.565	Clear and frosty a. $\Delta^2 \bullet^2 \bullet^2$ p.
13	.706	.703	47.9	40.3	32.5	59.1	.296	.241	90	97	NW 1	Calm 0	2	2	.060	$\Delta^2 \bullet^2 \bullet^2$ (sleet).
14	.631	.585	46.3	47.3	33.0	57.3	.295	.276	95	85	Calm 0	Calm 0	5	7	.130	☞. Sunny a. Dull p.
15	.749	.868	46.8	46.3	37.0	61.1	.394	.264	92	85	Calm 0	SE 1	3	0	—	Fine and sunny p.
16	29.914	29.981	53.4	53.6	35.5	63.6	.343	.371	84	90	SE 1	SW 1	2	7	.120	Bright and clear a.
17	30.010	30.047	52.2	44.8	44.0	55.1	.385	.287	99	97	WNW 1	NW 1	2	0	.039	Cold and dull.
18	.063	30.093	51.1	42.5	38.0	56.1	.302	.259	80	95	NE 1	N 1	4	0	.100	Dull and gusty.
19	30.086	29.893	48.4	53.9	39.3	55.6	.284	.396	84	95	NW 1	NW 1	3	9	.080	☞ ☞ a.
20	29.862	.885	54.2	53.9	53.0	57.6	.385	.389	92	94	NE 5	N 5	9	8	.035	Dull and gusty.
21	29.944	29.976	53.6	51.9	51.0	57.6	.371	.362	90	94	NNW 2	NW 2	7	5	—	Gloomy and gusty. Cold.
22	30.000	30.025	50.9	42.3	42.0	61.5	.328	.250	88	93	NE 1	Calm 0	5	4	—	☞ ☞. Dull a. Sunny p.
23	30.018	30.002	51.6	52.4	42.0	57.6	.340	.356	89	90	WNW 1	S 4	7	8	—	
24	29.941	29.976	57.6	53.4	51.0	61.9	.399	.343	83	84	SSE 4	SE 3	6	4	.015	Dull and gusty.
25	.796	.640	52.9	54.4	51.0	55.1	.381	.364	95	86	SSE 2	E 3	10	8	.025	
26	.327	.427	49.9	49.9	43.0	58.9	.330	.335	93	94	Calm 0	SE 2	8	3	.189	☞ ☞ ☞ (mist) a. Day dull.
27	.281	.482	49.9	45.3	42.3	57.6	.335	.269	94	89	Calm 0	Calm 0	8	5	.035	
28	.631	.618	51.2	45.1	42.5	58.6	.283	.272	75	90	SW 4	SE 1	3	9	.390	
29	.514	.762	48.1	48.9	45.0	59.6	.306	.323	91	94	NW 1	WNW 2	9	4	—	Dull a. Sunny p.
30	29.853	29.737	48.9	61.3	38.5	61.8	.323	.494	94	91	SW 2	SW 7	8	8	.185	
Means	29.884	29.888	52.7	49.5	42.7	60.0	.357	.328	89.6	91.4	2.1	1.9	5.6	4.6	2.538	

CHELTENHAM.

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

SEPTEMBER 1882.

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°	63°	54°	67°	ins.	ins.	%	%	S	4	S	5	10	10	ins. ☉ all day.
2	29° 675	29° 470	61°	63°	54°	67°	29° 675	29° 470	72	88	SW	6	NW	4	5	8	☉ Squally a. Dull day, with ☉.
3	29° 719	29° 874	60°	57°	55°	66°	29° 719	29° 874	83	91	SW	1	SW	1	9	4	☉ (mist) ga.
4	30° 126	30° 222	57°	51°	51°	61°	30° 126	30° 222	91	100	W	1	Calm	0	10	0	Very dull and gloomy.
5	29° 183	29° 143	55°	56°	46°	59°	29° 183	29° 143	89	98	SW	3	SW	2	10	10	Dull and gloomy, with ☉ (mist) and ☉.
6	29° 278	29° 363	55°	47°	43°	62°	29° 278	29° 363	79	96	N	3	NE	1	3	0	Splendid day.
7	29° 432	29° 364	49°	45°	38°	65°	29° 432	29° 364	98	97	NW	2	Calm	0	9	0	Gloomy till 11 a., then very fine.
8	29° 400	29° 395	49°	51°	38°	66°	29° 400	29° 395	96	96	SW	1	W	1	3	3	☉ (mist). Beautiful day.
9	29° 380	29° 206	54°	49°	41°	65°	29° 380	29° 206	88	94	W	1	Calm	0	5	8	☉. Very fine.
10	30° 011	29° 765	51°	52°	42°	62°	30° 011	29° 765	94	94	W	1	Calm	0	10	10	Very fine.
11	29° 702	29° 688	56°	48°	48°	61°	29° 702	29° 688	75	95	NW	3	Calm	0	5	3	☉ Very fine. ☉ shower 7 p.
12	29° 663	29° 691	48°	46°	34°	58°	29° 663	29° 691	86	96	W	1	SW	2	1	10	☉ Very fine day. ☉ 7 p.
13	29° 701	29° 673	47°	46°	34°	58°	29° 701	29° 673	86	95	Calm	0	SW	1	1	4	Very fine.
14	29° 620	29° 610	47°	39°	34°	59°	29° 620	29° 610	93	99	Calm	0	SW	1	6	0	Very fine.
15	29° 723	29° 861	50°	40°	35°	67°	29° 723	29° 861	85	98	W	1	W	1	1	0	Very fine.
16	29° 920	29° 977	48°	44°	34°	64°	29° 920	29° 977	92	96	SW	1	SW	1	6	0	☉ (mist) ga. Very fine.
17	29° 992	29° 061	54°	50°	38°	58°	29° 992	29° 061	91	94	SW	2	Calm	0	8	10	☉ Very fine, but with ☉ showers.
18	30° 055	30° 046	49°	41°	36°	59°	30° 055	30° 046	90	97	SW	1	SW	1	2	0	Very fine.
19	30° 036	29° 821	47°	52°	37°	53°	30° 036	29° 821	91	99	N	1	Calm	0	9	10	☉ Dull day. ☉ all p.
20	29° 744	29° 835	55°	53°	51°	58°	29° 744	29° 835	95	96	N	5	NE	1	10	0	☉ Squally a., with ☉. Very fine p.
21	29° 875	29° 911	54°	53°	51°	62°	29° 875	29° 911	91	96	N	1	N	3	10	10	Very fine, but windy.
22	29° 954	29° 975	50°	50°	43°	62°	29° 954	29° 975	93	93	W	2	N	1	5	9	Beautiful day. Calm.
23	30° 019	30° 009	51°	52°	42°	60°	30° 019	30° 009	93	91	Calm	0	Calm	0	10	10	Beautiful day. Calm.
24	29° 979	29° 899	56°	55°	51°	60°	29° 979	29° 899	83	86	S	2	SE	3	9	7	Beautiful day, but windy.
25	29° 886	29° 860	59°	55°	53°	64°	29° 886	29° 860	76	80	S	6	SE	2	4	8	Beautiful day, but windy.
26	29° 459	29° 335	58°	47°	47°	63°	29° 459	29° 335	79	98	E	3	Calm	0	5	1	Fine a. ☉ showers p.
27	29° 238	29° 485	53°	49°	47°	53°	29° 238	29° 485	96	84	E	1	W	3	10	9	☉ all day.
28	29° 667	29° 608	50°	49°	47°	58°	29° 667	29° 608	77	84	SW	2	Calm	0	1	10	☉ Squally a. Very fine day. ☉ p.
29	29° 410	29° 753	49°	45°	45°	58°	29° 410	29° 753	91	97	NW	6	NW	2	10	3	☉ Rapid rise of temp. p.
30	29° 881	29° 798	51°	61°	37°	53°	29° 881	29° 798	89	90	W	4	S	3	10	10	
Means	29° 869	29° 868	53°	50°	43°	61°	29° 869	29° 868	87°	93°	2°	1°	6°	5°	3°	23°	

CARMARTHEN.

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

SEPTEMBER 1882.

1	29° 624	29° 417	61° 5	58° 0	55° 8	62° 2	*546	*465	100	97	S	3	SW	3	10	9	'900
2	*396	*595	58° 7	58° 0	53° 8	61° 2	*425	*421	87	87	SW	5	SW	3	10	10	'560
3	29° 729	29° 980	57° 4	58° 0	54° 8	61° 7	*465	*421	98	87	SW	3	S	3	10	2	'010
4	30° 224	30° 252	58° 0	57° 0	47° 0	59° 7	*406	*419	84	90	NW	1	Calm	0	10	0	'010
5	*159	*178	58° 3	55° 3	44° 2	62° 1	*483	*374	99	86	W	1	W	2	10	2	'090
6	*310	*387	59° 5	48° 9	47° 8	62° 9	*361	*292	72	85	N	1	N	2	5	0	—
7	*417	*374	57° 0	50° 9	41° 2	65° 4	*342	*342	73	92	SE	2	Calm	0	0	0	—
8	*392	*400	57° 1	54° 1	40° 2	67° 0	*351	*386	75	92	Calm	0	Calm	0	0	0	—
9	30° 060	30° 151	56° 0	46° 7	46° 6	67° 2	*389	*312	87	98	E	1	Calm	0	0	0	—
10	29° 984	29° 785	60° 6	55° 2	43° 9	64° 3	*382	*427	73	98	Calm	0	Calm	0	4	10	'050
11	*740	*709	56° 3	46° 6	45° 5	59° 8	*329	*289	73	92	W	1	Calm	0	6	0	—
12	*678	*693	53° 6	41° 9	34° 6	59° 6	*335	*250	81	95	Calm	0	Calm	0	6	0	'170
13	*719	*666	48° 5	43° 1	38° 2	60° 2	*308	*276	91	99	E	1	Calm	0	4	0	'050
14	*641	*550	54° 9	50° 5	34° 0	61° 0	*335	*365	76	99	W	1	Calm	0	7	3	'610
15	*700	*837	54° 8	51° 4	45° 1	62° 3	*329	*343	77	90	Calm	0	Calm	0	3	2	—
16	29° 912	29° 970	59° 0	55° 2	41° 0	65° 6	*401	*418	81	96	S	2	Calm	0	9	10	'040
17	30° 012	30° 083	54° 3	46° 0	45° 8	59° 7	*357	*304	85	98	NE	1	Calm	0	10	0	'020
18	*074	30° 056	55° 4	46° 5	42° 2	59° 2	*311	*304	71	97	N	1	Calm	0	4	0	—
19	30° 060	29° 872	53° 2	54° 9	40° 2	60° 8	*321	*399	79	93	NE	3	NE	4	0	10	'040
20	29° 820	*832	58° 7	56° 0	54° 5	61° 8	*394	*389	80	87	NE	4	N	4	10	7	—
21	*911	*942	57° 5	52° 3	52° 3	63° 2	*394	*362	83	92	N	3	Calm	0	9	0	—
22	*967	*992	58° 2	53° 1	51° 0	63° 4	*358	*365	74	90	E	1	Calm	0	9	10	—
23	*992	*956	52° 9	56° 4	51° 0	60° 4	*370	*413	93	91	Calm	0	S	3	10	10	—
24	*910	*782	58° 0	55° 9	54° 7	61° 5	*409	*393	85	88	S	3	S	3	10	10	'150
25	*773	*541	53° 4	54° 5	52° 1	57° 8	*403	*407	98	96	E	1	E	1	10	10	'210
26	*426	*273	58° 5	51° 7	50° 9	62° 7	*367	*362	76	94	NE	2	S	1	2	7	'500
27	*274	*562	50° 7	45° 0	44° 0	56° 4	*327	*273	83	91	W	3	W	2	10	0	'300
28	*640	*540	54° 0	54° 9	39° 9	60° 2	*336	*399	80	93	W	3	E	2	0	10	'250
29	*528	*820	52° 9	46° 3	46° 2	62° 9	*324	*309	81	99	N	1	Calm	0	4	0	'040
30	29° 775	29° 733	53° 3	50° 7	42° 7	60° 2	*384	*505	95	99	SE	3	S	4	10	10	'520
Means	29° 872	29° 864	56° 1	52° 1	46° 0	61° 7	*374	*366	83° 2	93° 0	1° 7	1° 2	6° 4	4° 4	4° 520		

▲ Ia. < p.

< p.

MARLBOROUGH.

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

SEPTEMBER 1882.

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°	62°	54°	63°	ins.	ins.	98	99	S	1	S	3	10	10	ins. 720
2	29° 725	29° 541	60°	56°	56°	66°	29° 725	29° 541	88	90	SW	3	S	1	8	10	100 Squally ga.
3	29° 767	29° 908	60°	55°	54°	66°	29° 767	29° 908	81	95	SW	2	Calm	0	3	3	010
4	30° 136	30° 252	56°	51°	51°	62°	30° 136	30° 252	92	96	Calm	0	Calm	0	10	0	020 (mist) a. p.
5	29° 235	29° 163	52°	44°	38°	58°	29° 235	29° 163	91	99	Calm	0	Calm	0	10	10	360 p.
6	29° 271	29° 355	55°	51°	47°	62°	29° 271	29° 355	77	89	Calm	0	NE	1	2	0	— p.
7	29° 410	29° 381	55°	50°	43°	64°	29° 410	29° 381	84	92	NE	1	Calm	0	3	0	—
8	29° 395	29° 404	58°	49°	38°	64°	29° 395	29° 404	71	98	Calm	0	Calm	0	2	1	—
9	29° 377	29° 333	57°	47°	39°	63°	29° 377	29° 333	80	98	Calm	0	Calm	0	4	1	— (mist) ga.
10	30° 027	29° 844	52°	48°	42°	66°	30° 027	29° 844	97	99	Calm	0	Calm	0	10	3	010 (mist) p. p
11	29° 735	29° 704	56°	49°	47°	64°	29° 735	29° 704	84	89	NW	1	Calm	0	7	3	—
12	29° 658	29° 692	54°	42°	39°	61°	29° 658	29° 692	69	95	Calm	0	Calm	0	1	2	— p.
13	29° 717	29° 696	54°	43°	36°	61°	29° 717	29° 696	69	96	Calm	0	Calm	0	2	1	— p.
14	29° 628	29° 638	53°	43°	33°	62°	29° 628	29° 638	79	96	Calm	0	Calm	0	3	0	— p.
15	29° 718	29° 880	51°	43°	34°	60°	29° 718	29° 880	66	96	Calm	0	Calm	0	0	0	—
16	29° 027	29° 099	50°	43°	35°	66°	29° 027	29° 099	74	92	Calm	0	Calm	0	0	0	—
17	30° 006	30° 063	58°	52°	36°	65°	30° 006	30° 063	82	94	Calm	0	Calm	0	9	10	—
18	29° 060	29° 038	55°	46°	40°	60°	29° 060	29° 038	74	91	Calm	0	Calm	0	10	10	—
19	30° 030	29° 803	47°	51°	43°	51°	30° 030	29° 803	94	98	N	1	N	1	10	10	850 a. p
20	29° 715	29° 824	55°	52°	51°	61°	29° 715	29° 824	95	93	Calm	0	Calm	0	10	10	280
21	29° 847	29° 901	55°	52°	48°	60°	29° 847	29° 901	86	91	NE	1	Calm	0	10	7	—
22	29° 939	29° 990	53°	50°	46°	61°	29° 939	29° 990	80	89	N	1	Calm	0	5	9	—
23	30° 037	30° 043	51°	52°	45°	62°	30° 037	30° 043	88	90	Calm	0	Calm	0	10	10	—
24	30° 018	29° 945	56°	52°	51°	60°	30° 018	29° 945	85	91	SW	1	Calm	0	10	4	—
25	29° 830	29° 698	59°	52°	51°	64°	29° 830	29° 698	75	82	SW	2	ESE	1	7	9	—
26	29° 458	29° 345	57°	48°	46°	59°	29° 458	29° 345	77	94	E	1	Calm	0	4	7	060 (mist) ga. p
27	29° 253	29° 523	51°	46°	35°	55°	29° 253	29° 523	91	86	Calm	0	ENE	1	6	6	060 ga.
28	29° 695	29° 632	52°	49°	46°	60°	29° 695	29° 632	74	89	WSW	1	SE	1	1	10	710
29	29° 409	29° 776	49°	49°	49°	56°	29° 409	29° 776	95	93	NW	2	Calm	0	10	3	—
30	29° 921	29° 857	47°	50°	46°	60°	29° 921	29° 857	95	94	Calm	0	SW	2	10	10	020 p.
Means	29° 881	29° 801	55°	50°	44°	61°	29° 881	29° 801	83°	93°	0°	0°	6°	5°	3°	200	

STRATHFIELD TURGISS.

Height above Mean Sea Level, 195 feet. Long. 1° 0' W. Lat. 51° 20' N.

SEPTEMBER 1882.

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.	62.2	62.0	60.9	66.9	ins.	ins.	90	90	S 2	SW 3	10	10	ins.	Squally a.
2	29.762	29.527	62.2	62.0	60.9	66.9	29.762	29.527	94	94	SW 2	SW 3	7	6	0.016	
3	29.781	29.894	63.0	62.7	60.6	69.6	29.781	29.894	93	93	SW 3	SW 2	8	4	—	O a.
4	30.119	30.174	62.7	62.0	60.3	68.0	30.119	30.174	92	92	W 2	NW 1	10	0	0.020	
5	24.2	147	54.3	58.5	47.4	62.7	30.7	477	87	92	SW 2	SW 1	10	10	0.347	T a.
6	25.2	338	55.0	52.3	48.1	64.9	32.9	344	76	88	N 1	N 2	8	3	—	
7	399	374	58.9	47.7	43.7	66.4	394	308	80	94	E 3	NE 1-0	1	0	—	3p. a.
8	391	392	56.9	48.8	37.3	67.9	416	324	90	94	NE 2	NE 1	0	0	—	
9	374	30.227	55.8	47.9	38.7	66.4	384	311	86	94	NE 3	NE 1-0	8	0	—	T a.
10	30.029	29.843	55.4	50.9	41.1	69.1	400	352	92	95	E 0-1	SW 1	10	0	0.021	
11	29.736	29.682	56.6	50.3	43.2	65.4	406	306	88	84	W 2	NW 2	10	5	—	3p. a.
12	658	675	50.6	48.3	45.0	61.6	298	278	81	83	NW 3	NW 1	7	5	—	
13	704	695	52.5	45.0	36.3	63.6	307	266	78	89	NW 3	NW 1	4	8	—	3p. a.
14	629	642	50.1	41.8	32.8	62.7	311	247	86	94	W 1	N 1	4	0	0.019	
15	735	881	47.8	44.2	32.5	64.4	298	265	90	92	Calm	N 1	0	0	—	3p. a.
16	29.922	29.976	52.7	46.4	33.3	67.9	342	281	86	90	N 2	N 1	1	0	—	
17	30.013	30.046	52.5	55.6	35.1	65.6	329	384	83	87	Calm	W 1	3	9	—	Squally a.
18	046	30.024	55.1	47.5	44.1	65.7	322	292	75	90	N 3	NE 1	0	0	—	
19	30.009	29.774	48.4	53.6	40.8	53.8	309	400	91	97	N 1	SW 1	10	10	1.076	Squally a.
20	29.695	827	57.9	50.5	40.5	62.8	446	349	93	96	NE 3	E 1	10	0	—	
21	823	874	57.3	50.9	45.0	63.4	422	318	89	86	N 2	NE 2	1	0	—	U p.
22	29.910	29.981	57.6	44.9	44.9	64.5	366	268	77	90	N 1	N 1	1	0	—	
23	30.025	30.040	53.1	52.8	42.3	65.6	344	353	84	88	N 1	W 1	2	7	—	U p.
24	30.040	29.955	54.8	54.6	41.6	65.3	377	370	88	87	W 1	SW 1	10	3	—	
25	29.853	713	61.3	51.3	49.4	66.4	430	321	80	85	S 3	S 2	6	2	—	U p.
26	474	371	57.6	48.9	46.2	61.6	386	323	81	94	SE 3	SW 2	5	4	0.020	
27	248	504	54.2	49.0	47.1	59.5	366	304	87	88	S 1	NW 2	10	7	0.005	U p.
28	705	682	53.2	49.2	41.0	62.6	302	322	74	93	W 3	SW 0-1	0	10	0.097	
29	363	763	51.8	51.3	48.0	56.5	353	346	91	92	NW 2	SW 2	10	10	0.044	U p.
30	29.936	29.878	51.6	60.7	42.0	61.2	353	500	93	95	SE 1	S 2	10	10	0.015	
Means	29.880	29.884	55.3	51.4	43.7	64.3	374	348	85.0	90.8	1.9	1.4	6.2	4.1	2.836	

SOUTHAMPTON.

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

SEPTEMBER 1882.

1	29.759	29.588	61.4	63.9	56.8	65.2	530	558	98	94	SSW 3	SW 6	10	10	435	all day.
2	558	662	63.6	58.5	58.1	64.7	488	441	83	89	SW 6	SW 4	10	4	0.008	n. Fine after 7a.
3	29.803	29.913	62.8	58.9	56.8	67.3	411	456	72	92	SW 3.5	SW 2	5	10	—	Day fine and pleasant.
4	30.123	30.228	60.8	59.1	53.9	67.1	437	454	83	91	N 2	N 1	10	10	0.019	
5	251	147	54.4	59.3	49.6	61.5	364	495	86	98	WSW 1	Calm	0	10	0.148	
6	242	322	57.5	52.9	52.7	65.5	349	346	74	87	NNW 2.5	NE 1.5	10	0	—	on grass at night.
7	377	358	58.3	53.0	47.8	66.5	379	347	77	86	NE 2	NE 1	8	0	—	a. and p.
8	378	380	62.3	53.3	46.3	68.2	352	346	63	85	NE 2.5	NE 1	5	0	—	a. and p.
9	349	30.195	60.6	53.0	46.1	67.3	385	347	74	86	NE 1.5	NE 1	9	1	—	a. and p.
10	30.001	29.835	55.3	53.8	49.6	60.0	417	375	95	90	NE 1.5	SW 1.5	10	0	0.016	a. and p.
11	29.743	682	56.8	51.8	48.0	65.7	429	290	93	75	NW 2	NW 2	10	10	0.007	
12	656	692	56.0	47.3	45.4	62.3	293	276	65	85	NNW 2.5	NW 2	1	0	—	on grass at night.
13	727	688	57.8	47.6	39.1	63.9	307	275	64	84	NW 0.5	NW 1	0	0	—	from 8.30p. on grass.
14	632	638	55.7	47.1	37.2	63.4	318	300	71	93	NW 1	NE 1	0	0	0.120	3.30p. 4p. later p. a. and p.
15	714	868	58.4	48.0	39.0	64.0	340	292	70	88	NE 1	NE 1	0	0	—	a. and p.
16	29.922	29.976	58.7	51.4	40.6	69.5	361	314	73	83	NE 1	Calm	0	1	—	a. and p.
17	30.023	30.047	56.4	55.0	40.0	65.2	335	375	73	87	NE 0.5	NW 1.5	0	10	—	a. and p.
18	30.047	30.012	58.6	48.9	46.3	63.7	350	294	71	85	NW 1.5	N 1	0	0	—	a. and p.
19	29.999	29.766	50.6	52.1	46.8	56.3	303	384	82	98	NE 2	N 3	10	10	0.370	noon-8p.
20	680	795	58.7	52.8	51.8	63.1	449	380	91	94	NE 3	NE 2	10	0	0.018	till 5.30a. D ² at night.
21	806	870	60.1	53.2	48.2	63.4	411	323	80	80	NNW 3.5	N 3	3	0	—	D ² a.
22	29.911	29.997	57.8	50.1	47.9	65.7	372	323	78	89	NE 3	NNW 1	0	8	—	on grass at night.
23	30.033	30.049	54.7	53.0	47.2	65.7	355	376	83	91	Calm	SW 0.5	10	10	—	on grass a.
24	30.037	29.944	56.9	57.1	52.8	65.4	362	430	78	91	SW 1	S 1.5	10	1	—	on grass a. and p.
25	29.840	652	60.7	56.1	54.8	66.6	420	387	79	85	SSE 2.5	ESE 3.5	9	1	—	on grass a.
26	449	329	58.1	51.8	50.1	59.6	400	364	82	94	E 3	ESE 1	10	9	0.203	
27	252	554	53.4	49.1	48.6	58.9	374	299	91	86	SW 1	W 3	10	2	0.002	on grass at night.
28	727	627	54.6	52.8	42.9	62.7	307	374	73	93	WNW 1	SSE 2	0	10	0.838	
29	405	785	56.1	50.6	50.5	59.7	396	335	87	91	NW 3.5	W 1	9	7	—	2 till 6a. D ² on grass at night.
30	29.930	29.897	50.7	60.4	44.9	61.2	350	509	94	97	E 0.5	SW 3.5	10	10	0.058	
Means	29.879	29.883	57.6	53.4	48.0	64.3	378	369	79.4	88.9	2.0	1.8	6.3	4.4	2.242	

ST. LEONARDS.

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

SEPTEMBER 1882.

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.	59.0	62.8	57.3	63.7	ins.	ins.	98	95	S 3	S 5	10	10	ins.	☁ early a.
2	29.832	29.677	59.0	62.8	57.3	63.7	29.832	29.677	98	95	S 3	S 5	10	10	ins.	
3	632	695	64.3	60.6	60.0	65.2	488	467	81	88	SSW 5	SW 6	7	1	0.040	☁
4	29.840	29.928	60.9	59.8	56.5	64.0	453	432	85	84	SW 3	WSW 4	9	1	0.061	
5	30.106	30.249	61.8	59.6	56.2	66.2	445	428	81	84	NNW 2	SE 1	1	0	—	☁
6	232	168	62.7	58.5	57.0	64.7	469	469	82	96	SW 2	SW 3	2	10	0.268	
7	189	286	53.2	54.2	53.2	64.4	363	366	90	87	N 5	NE 2	10	0	0.010	D 9p.
8	352	332	61.8	56.6	53.5	66.3	359	375	65	81	ENE 3	E 2	2	8	—	
9	347	368	65.9	51.6	51.6	65.9	400	325	64	85	NNE 1	NE 2	5	1	—	D 9p.
10	30.338	30.155	61.4	55.4	51.0	67.5	359	390	66	89	E 5	E 4	4	9	0.019	
11	29.970	29.820	66.1	57.8	55.4	66.1	463	442	72	92	E 1	W 1	4	0	—	D 9p.
12	738	630	61.0	55.6	50.7	61.6	425	428	80	97	W 2	WSW 1	6	10	0.950	
13	602	648	47.7	50.0	47.6	57.5	321	291	97	81	NNW 3	W 2	10	0	0.040	☁ till 11a.
14	692	658	51.9	50.1	44.7	59.2	370	264	96	73	NW 1	NW 1	0	1	—	
15	612	642	50.7	46.4	46.4	55.2	297	269	81	86	NNW 1	N 1	8	0	—	T 7a.-8a. ☁ in the evening. D 9p.
16	736	837	60.5	51.6	46.0	62.1	334	306	63	80	ENE 1	Calm 0	3	0	—	
17	871	29.957	56.2	56.0	49.3	60.6	375	360	83	80	N 1	Calm 0	7	10	0.005	☁
18	994	30.012	60.2	56.2	54.2	67.5	337	355	64	78	N 1	W 1	2	7	7	
19	993	29.990	55.6	53.9	50.7	63.8	334	345	76	83	NNE 3	Calm 0	0	7	—	☁ all day.
20	935	693	50.9	57.2	49.3	57.6	320	453	88	97	NNW 2	N 2	10	10	0.981	
21	663	781	55.4	52.6	51.6	61.1	439	367	100	93	SSE 4	NE 3	10	0	0.016	D 9p.
22	745	773	59.6	53.2	53.1	65.1	392	352	77	87	NNE 5	NE 6	2	1	0.039	
23	29.840	29.944	56.1	56.0	51.6	65.6	401	365	88	81	NNE 5	NNE 3	7	7	—	☁
24	30.026	30.056	57.1	54.7	49.6	64.0	353	350	76	82	N 1	E 1	0	3	—	
25	30.066	29.988	57.5	60.1	51.0	64.0	365	437	77	85	S 1	SSW 2	10	-9	—	☁
26	29.900	699	59.0	59.0	58.4	64.2	383	391	77	78	SSE 4	SE 3	10	0	—	
27	491	374	56.1	57.6	55.0	60.0	382	376	84	79	ESE 3	SSE 5	9	8	1.140	☁ over the sea after 9p.
28	236	226	57.6	50.1	50.1	60.1	371	311	78	86	SSW 4	WSW 3	7	2	0.011	
29	732	697	53.4	54.6	44.3	60.0	297	341	73	80	WSW 2	SW 4	2	10	0.609	D 9p.
30	347	790	59.6	50.4	50.3	60.7	417	308	82	85	WSW 7	NW 2	7	2	—	
31	29.973	29.935	59.9	57.4	60.4	60.4	339	510	83	99	WNW 1	SW 4	9	10	0.026	
Means	29.868	29.877	57.9	55.4	51.7	62.8	385	381	80.2	85.7	2.7	2.5	5.9	4.6	3.369	

ST. AUBIN'S, JERSEY.

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

SEPTEMBER 1882.

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	64.3	57.5	68.6	in.	in.	%	%	SSW 2	S b. W 4	10	10	ins.	☉ n. and a. Gloomy day.	
2	29.713	29.733	63.9	61.2	58.4	66.4	*531	*541	95	90	SW 3	SW 4	9	10	*085	☉ n. and a. Day very cloudy.	
3	29.710	30.028	61.2	58.0	57.4	67.8	*459	*421	85	87	SW 3	WSW 3	9	7	*010	—	
4	30.177	*301	62.2	54.3	54.0	65.3	*469	*357	84	84	NNE 2	NW 1	9	0	—	Extremely fine from 11 a. ☉ p.	
5	*325	*236	59.0	58.5	53.2	60.3	*491	*471	70	96	W 2	W 2	9	10	*079	Overcast day.	
6	*215	*285	57.6	58.5	56.3	59.9	*413	*360	86	73	NE 3	NE 3	10	4	*001	Day gloomy.	
7	*307	*302	64.0	57.5	55.0	66.1	*425	*399	71	84	NE 3	NE 3	7	0	—	Extremely fine day.	
8	*319	*337	63.7	57.0	56.1	66.8	*398	*351	68	75	NE 3	NE 3	2	2	—	☉ a. Extremely fine day.	
9	*276	30.164	60.5	59.0	56.0	66.9	*414	*452	79	91	NE 4	ENE 2	7	2	—	—	
10	30.027	29.919	62.5	56.8	56.8	65.4	*480	*400	85	86	ENE 1	Calm	0	4	*033	☉ a.	
11	29.816	*744	57.5	51.1	51.1	61.7	*464	*342	97	91	SW 2	N 1	10	10	*207	—	
12	*724	*769	59.7	49.5	48.7	61.9	*309	*315	61	89	NW 2	Calm	0	3	10	*176	☉ 2.30 p. ☉ 6.47 p. [Distant K 11 p.
13	*781	*768	60.0	49.0	45.1	62.0	*299	*296	58	85	NW 1	Calm	0	4	3	*313	☉ n. and a. ☉ 0.2 p.
14	*678	*698	47.5	50.2	46.0	58.3	*291	*289	89	80	NE 1	N 2	9	7	*066	☉ 4.50 p. ☉ later p.	
15	*726	29.885	53.5	52.2	47.2	59.4	*316	*311	77	80	S 1	Calm	0	7	0	—	Very fine from 9.30 a. ☉ p.
16	29.960	30.037	62.3	51.1	48.7	66.9	*344	*327	61	86	NE 1	Calm	0	3	0	—	Day extremely fine. ☉ p.
17	30.062	*087	62.9	52.8	49.7	64.7	*376	*350	66	87	S 2	Calm	0	4	1	*045	☉ a. and p. Very fine a. Overcast p.
18	30.107	30.053	60.2	53.0	52.0	63.0	*340	*299	65	74	NW 2	NNE 1	1	7	—	Day very fine.	
19	29.974	29.879	60.1	52.2	48.3	60.9	*329	*361	64	93	NE 2	Calm	0	4	10	*375	Fine a. Overcast and gloomy p.
20	*666	*766	56.0	55.7	50.9	57.3	*410	*390	93	88	SW 2	NE 3	10	5	*073	☉ p.	
21	*810	29.866	59.4	58.5	55.1	62.1	*381	*365	75	74	NE 3	NNE 3	7	6	—	Fine a. Very cloudy p.	
22	29.904	30.019	58.7	56.8	53.1	61.8	*371	*383	75	83	N 3	N by E 2	8	8	—	—	
23	30.075	30.107	62.6	54.0	52.0	68.1	*346	*347	61	83	N 1	Calm	0	9	0	—	☉ a. and p. Extremely fine day.
24	30.083	29.993	63.0	59.5	52.1	65.9	*387	*337	67	67	SSE 1	S by W 2	3	9	—	☉ a. Very fine a. Cloudy p. ☉ at times.	
25	29.849	*627	59.2	60.0	56.1	64.8	*417	*369	83	71	SE 4	ESE 3	7	10	*105	Fine a. Gloomy p. ☉ at times.	
26	*454	*363	55.0	52.3	52.2	60.2	*359	*357	83	91	SE 3	Calm	0	10	10	*400	☉ 2 showers n. and a. ☉ at times.
27	*409	*722	58.0	54.1	49.8	62.2	*335	*319	70	76	W by N 3	NW 3	7	7	*370	Gloomy day, with constant ☉. Temp. [60° at Midt.	
28	*824	*648	51.4	58.3	49.2	58.3	*323	*487	85	100	W by S 3	SW 4	10	10	*733	☉ n. and a. High tide. Day fine.	
29	*558	29.896	59.0	55.2	55.2	64.4	*452	*373	91	85	NW 2	W by N 2	10	8	—	Gloomy day. Warm night. ☉ p.	
30	29.967	30.004	58.0	62.3	53.9	63.0	*401	*506	83	90	S by E 3	SW 3	7	9	*033	—	
Means	29.918	29.936	59.4	55.8	52.6	63.3	*390	*377	77.0	84.0	2.3	1.8	7.1	6.0	3.208	—	

Earth temperature: Mean of 10 readings (every third day), at 1 foot 57° 2, 3 feet 58° 6, 6 feet 60° 1.

LONDONDERRY.

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

SEPTEMBER 1882.

1	29°31'3	29°17'0	58°5	54°0	51°0	72°0	4.71	3.68	96	88	SSE 1	S 2	10	10	0.530	
2	158	29°41'8	56°9	54°8	52°0	64°1	4.12	3.93	89	92	SW 3	NW 4	10	5	1.00	
3	29°62'3	30°03'5	54°9	52°3	49°0	60°4	4.04	3.10	94	79	N 3	NNW 1	10	7	0.020	
4	30°18'6	30°10	54°5	54°3	48°4	60°1	3.08	3.60	73	85	E 1	SW 4	10	10	0.060	Fine day.
5	073	227	58°1	51°3	48°8	62°1	3.39	3.18	70	83	SW 2	SW 2	10	2	—	Fine day.
6	367	457	56°3	46°6	44°1	62°1	3.54	3.02	77	95	SW 2	SE 1	5	1	—	
7	424	351	57°5	52°9	39°0	67°1	3.41	3.48	72	87	S 1	SW 1	3	8	0.010	Fine and clear.
8	449	476	56°5	45°6	43°5	65°0	3.56	2.88	77	94	NNW 1	S 1	8	0	—	Fine and clear.
9	30°33'4	30°09'4	56°9	56°7	39°0	68°0	3.73	3.78	81	82	S 1	SW 3	9	5	0.300	Fine and clear.
10	29°8'9	29°7'10	50°6	40°8	47°9	59°5	3.49	3.15	94	88	WNW 1	WSW 2	10	10	0.010	
11	641	668	53°7	44°5	39°5	56°0	2.98	2.57	72	88	SW 3	S 1	7	0	0.030	
12	650	666	54°7	46°0	37°4	61°8	3.02	2.87	71	93	SW 2	WSW 2	4	0	0.090	
13	587	717	53°7	45°6	37°2	59°1	3.12	2.91	75	95	NW 1	W 1	3	0	—	Fine and clear.
14	724	713	51°3	52°7	40°1	55°1	3.32	3.70	88	93	NW 2	NW 3	10	10	0.010	
15	705	733	54°2	50°7	48°6	59°0	3.91	3.53	93	95	NW 2	SW 2	10	10	0.130	
16	844	29°944	57°7	50°7	47°0	60°4	3.58	3.20	75	87	SW 2	SW 2	5	10	0.030	
17	29°99'3	30°04'8	53°2	47°7	45°5	57°7	3.18	3.12	78	94	W 3	SW 2	10	8	0.210	☉ showers all day.
18	30°12'5	30°10'7	53°7	48°0	42°8	59°0	3.27	3.07	79	92	NNW 2	Calm	0	6	0.050	☉ showers all day.
19	248	180	57°7	54°5	37°9	60°4	3.53	3.76	74	89	NE 1	E 1	3	5	0.010	Fine day. ☉ at night.
20	123	087	58°5	49°1	46°0	61°5	3.63	3.29	74	94	NE 2	Calm	0	8	2	—
21	30°08'7	30°04'4	51°7	52°7	41°7	58°9	3.37	3.65	88	92	WSW 1	Calm	0	10	10	—
22	29°9'4	29°9'43	54°7	50°7	48°2	58°0	3.69	3.35	86	88	SW 1	SW 1	10	7	—	Dull. ☉ (mist) p.
23	896	812	52°8	52°1	48°0	57°0	3.74	3.79	93	97	SW 2	Calm	0	10	10	Overcast. ☉ (mist) a.
24	809	773	56°7	45°7	44°2	65°4	3.49	3.04	75	98	SW 1	SW 1	7	1	0.180	☉ all day.
25	715	669	54°2	46°7	43°2	62°4	3.35	3.19	80	100	SW 1	Calm	0	2	1	Fine and clear.
26	522	371	48°3	48°6	41°5	55°7	3.37	3.33	99	97	SW 1	Calm	0	10	10	Fine till 4 p. ☉ 5.30 p. ☉ n.
27	270	409	49°7	47°9	45°0	51°0	3.40	3.09	96	93	N 2	NW 2	10	10	0.680	☉ ga.—6 p.
28	535	526	51°7	44°9	40°6	58°2	2.85	2.75	74	93	SW 2	SW 1	3	1	0.020	☉ till 7 p.
29	559	759	44°8	38°1	34°8	53°2	2.87	2.23	97	97	SSW 1	SE 1	10	1	0.030	☉ till moon. ☉ 10.30 p.
30	29°6'0	29°5'13	49°9	51°9	34°5	59°2	2.54	3.34	70	87	S 2	SW 2	7	10	0.110	
Means	29°8'49	29°8'56	54°1	49°6	43°5	60°3	3.44	3.35	82°0	91°2	1°7	1°4	7°7	5°7	4°105	

MARKREE CASTLE, SLIGO.

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

SEPTEMBER 1882.

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.	59.1	55.1	53.9	69.9	in.	in.	%	%	SE	4	Calm	0	10	10	ins.
2	29.204	29.106	55.9	56.1	51.8	65.4	4.23	3.98	95	88	Calm	0	Calm	0	10	6	ins.
3	29.748	30.060	54.6	52.2	51.3	58.2	3.83	2.92	90	75	NW	4	Calm	0	10	10	0.04
4	30.198	30.045	53.6	55.2	49.8	61.8	3.17	4.04	77	93	NW	2	SW	2	10	10	0.026
5	0.99	2.58	57.0	49.6	53.3	59.4	3.18	3.00	68	85	NW	2	Calm	0	10	5	—
6	3.74	4.42	55.3	44.1	43.3	61.4	3.02	2.73	70	94	NW	2	Calm	0	10	0	—
7	4.04	3.61	56.9	51.3	35.0	65.0	3.55	3.32	77	88	ESE	2	Calm	0	3	10	0.018
8	4.14	4.40	56.2	45.3	44.8	61.6	4.25	3.02	94	100	Calm	0	Calm	0	10	0	—
9	30.310	30.096	58.0	53.9	42.6	64.4	4.24	3.64	88	88	S	2	SSE	2	8	10	2.48
10	29.884	29.739	57.8	48.9	48.3	60.2	4.04	3.09	84	90	Calm	0	Calm	0	10	5	—
11	6.67	6.68	53.1	40.3	37.1	64.9	2.89	2.29	71	92	W	3	Calm	0	5	0	0.090
12	6.66	7.02	51.3	47.1	34.6	57.2	3.00	3.02	79	93	Calm	0	Calm	0	6	10	0.160
13	6.53	6.87	48.1	46.3	42.6	57.7	3.13	2.90	93	93	Calm	0	Calm	0	10	0	0.060
14	7.53	7.37	50.9	51.1	32.3	54.4	2.98	3.27	80	86	N	3	NW	3	10	10	0.010
15	7.17	7.26	54.1	50.1	32.3	56.7	3.70	3.18	88	88	WNW	2	SW	2	10	10	0.030
16	29.862	29.949	54.4	50.1	47.3	60.2	3.09	3.13	73	86	Calm	0	Calm	0	6	10	0.010
17	30.023	30.089	52.3	47.4	45.6	57.4	3.12	3.07	79	94	WNW	3	NW	2	10	10	4.86
18	1.27	1.72	51.1	47.3	44.4	57.2	3.12	3.02	83	93	NW	2	NW	2	7	2	0.010
19	2.24	1.48	54.1	53.1	39.1	61.6	3.31	3.70	78	91	Calm	0	Calm	0	2	10	—
20	0.78	0.50	59.8	52.1	48.6	63.2	3.84	3.32	75	84	NE	2	NE	3	7	10	—
21	30.058	30.034	55.1	52.1	39.3	59.6	3.77	3.63	87	93	Calm	0	Calm	0	6	10	—
22	29.958	29.939	54.1	51.2	49.9	57.2	3.62	3.25	86	86	Calm	0	Calm	0	10	10	0.028
23	8.78	7.75	51.9	50.1	50.0	56.0	3.65	3.38	95	93	S	2	WNW	4	10	10	2.30
24	7.90	7.42	53.1	49.3	42.3	57.1	3.49	3.34	86	95	SE	Calm	0	10	9	—	1.20
25	7.22	6.31	53.8	42.6	41.8	56.0	3.47	2.45	83	89	Calm	0	Calm	0	10	0	—
26	4.97	3.54	44.1	48.1	32.1	58.4	2.78	3.16	96	94	Calm	0	Calm	0	10	10	0.176
27	3.14	4.71	50.3	46.3	44.9	53.8	3.66	3.02	85	85	WNW	2	WNW	2	10	9	2.11
28	3.62	4.86	52.1	46.1	39.0	57.4	2.93	2.75	76	89	S	1	Calm	0	4	4	0.090
29	3.60	7.59	49.1	36.1	34.8	54.4	3.04	2.98	87	93	NW	1	Calm	0	10	10	0.09
30	29.554	29.502	48.3	50.7	34.3	59.4	3.31	3.31	83	89	SE	4	Calm	0	10	10	0.087
Means	29.840	29.854	53.5	49.0	42.9	59.6	3.45	3.15	83.7	90.0	1.5		0.7	8.5	7.3	2.642	

BIRR CASTLE, PARSONSTOWN.

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

SEPTEMBER 1882.

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.	62.0	58.4	57.4	66.8	ins.	ins.	95	86	ESE 3	SSW 2	10	9	ins.	
2	29.277	29.155	57.0	53.8	53.8	66.2	4.05	3.75	87	90	S 0.5	SSW 0.5	10	2	—	(mist) a. and gp.
3	29.233	29.494	57.0	53.8	53.8	66.2	4.05	3.75	87	90	NNW 2	SW 1.5	7	10	—	
4	29.758	30.080	55.8	52.5	50.1	58.6	3.75	3.17	84	80	NNW 0.5	SSW 1	10	10	—	
5	30.246	30.147	53.6	54.5	49.7	58.9	2.92	3.05	71	86	NW 1	SW 0.2	10	5	—	(mist) a. and gp.
6	30.131	29.89	57.2	50.3	50.3	61.9	4.31	3.04	92	83	NNW 0.8	Calm 0	3	5	—	(mist) gp.
7	30.399	30.452	55.8	52.6	40.1	67.1	3.38	3.40	76	86	WSW 0.3	Calm 0	4	0	—	(mist) gp.
8	30.437	30.399	57.4	49.5	39.2	65.0	3.47	3.30	73	90	W 0.5	N 0.2	9	2	—	p. (mist) gp.
9	30.443	30.448	56.5	50.7	45.9	68.0	3.50	3.50	85	94	SSW 0.5	SSW 1	0	0	—	(mist) a.
10	30.355	30.163	58.7	52.3	46.3	67.6	3.87	3.65	78	93	SSW 0.5	SW 0.5	10	2	—	(mist) gp.
11	29.917	29.801	54.3	47.5	46.8	57.0	3.99	2.81	95	86	WSW 1	S 0.5	4	0	—	
12	29.737	29.736	51.6	42.4	40.4	55.5	2.70	2.43	71	90	W 0.2	WNW 0.5	2	0	—	a. (mist) gp.
13	29.716	29.741	52.1	44.5	37.2	58.0	2.91	2.66	74	90	SSW 1	Calm 0	8	0	—	a. (mist) gp.
14	29.712	29.712	52.6	41.5	38.3	55.7	2.97	2.51	75	96	N 0.2	NW 2	4	10	—	Squally p.
15	29.749	29.741	48.0	48.5	33.3	56.7	3.17	2.87	95	84	NNW 0.5	ESE 1	10	8	—	early a. (mist) gp.
16	29.742	29.782	51.3	49.7	47.5	56.2	3.54	3.23	94	92	W 0.5	SW 0.2	2	7	—	(mist) gp.
17	29.900	30.003	55.8	49.0	46.5	59.8	3.21	3.05	72	88	Calm 0	W 0.5	10	9	—	early a. (mist) gp.
18	30.073	30.140	52.3	47.5	46.0	58.3	3.20	2.81	81	86	WNW 0.5	N 0.5	4	3	—	(mist) gp.
19	30.148	30.162	51.4	48.0	41.9	57.0	2.90	3.04	77	92	N 1	NW 1.5	10	10	—	a.
20	30.195	30.116	47.3	51.8	42.4	59.0	3.04	3.23	94	85	NNW 2	NE 1	8	2	—	Squally gp. (mist) gp.
21	30.042	30.020	56.1	49.0	49.0	62.8	3.67	3.10	80	90	ENE 0.5	Calm 0	6	10	—	
22	30.053	30.053	53.9	54.1	47.2	60.1	3.61	3.70	87	88	S 0.2	SW 1	10	10	—	
23	29.998	29.994	55.7	52.5	50.7	56.6	3.71	3.38	84	86	SE 0.2	SW 1	10	10	—	(mist) gp.
24	29.924	29.855	52.6	53.1	50.0	56.9	3.50	3.73	88	92	Calm 0	SW 0.5	8	10	—	
25	29.809	29.754	50.6	48.5	47.4	58.3	3.46	3.26	94	95	Calm 0	SE 0.5	10	2	—	a. and p.
26	29.760	29.642	47.5	43.7	43.3	59.8	3.16	2.69	96	94	Calm 0	Calm 0	10	10	—	early a. (mist) a. and p.
27	29.516	29.367	43.0	46.5	37.4	50.4	2.66	3.04	96	96	W 1	Calm 0	10	0	—	early a.
28	29.354	29.551	50.0	43.2	42.9	56.2	3.12	2.47	87	89	SW 0.5	Calm 0	3	9	—	early a.
29	29.617	29.511	50.4	48.7	37.7	57.5	2.94	3.01	81	87	W 0.2	Calm 0	8	0	—	
30	29.580	29.788	48.5	39.2	37.0	56.0	3.28	2.18	96	91	SSE 1.5	SE 0.5	10	10	—	
Means	29.880	29.887	53.0	49.4	44.4	59.7	3.44	3.17	85.1	89.1	0.7	0.6	7.3	5.5	1.599	

KILLARNEY.

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

SEPTEMBER 1882.

1	29.277	29.062	63.2	58.0	57.0	65.2	5.55	4.21	96	87	SW 6	S 8	9	5	3.15	early a. till 11 a. Squally gp.
2	29.248	29.525	58.5	56.6	54.8	61.2	4.37	4.09	90	88	W 6	W 5	10	10	2.50	Dull all day.
3	29.819	30.121	58.1	52.4	52.4	58.8	4.19	3.45	85	88	NNW 5	NNW 1	8	7	0.10	Dull and cooler. (mist) gp.
4	30.272	30.192	53.5	50.3	50.7	59.5	3.34	4.15	91	91	W 2	SW 5	10	8	0.05	Dull and cold a. Sunny noon. (mist) gp.
5	30.186	30.312	57.1	49.1	49.0	62.1	4.46	3.23	95	93	SW 1	Calm 0	10	3	0.18	gp. D. 2. gp. (mist) gp.
6	30.402	30.460	55.9	46.9	43.7	62.1	3.18	3.02	72	95	N 1	E 1	5	0	—	Mild.
7	30.426	30.409	54.5	49.0	39.3	64.5	3.62	3.40	86	98	NW 0.5	SW 0.5	5	2	—	D. 2.
8	30.452	30.439	54.6	57.4	47.4	64.0	3.83	4.37	90	93	Calm 0	Calm 0	5	10	—	p. D.
9	30.353	30.184	56.2	52.9	45.0	66.8	4.05	3.75	90	94	SE 0.1	Calm 0	3	1	1.60	D. 2. Warm and calm.
10	29.928	29.858	58.0	50.3	46.0	58.0	4.55	3.43	94	95	WSW 1	WNW 2	10	9	0.88	Dull.
11	29.802	29.785	50.4	46.3	41.9	56.1	3.18	2.83	88	91	W 3-4	Calm 0	5	2	2.68	Squally disagreeable day.
12	29.766	29.798	49.5	48.2	38.1	55.8	3.11	3.05	89	91	WNW 1	WNW 1	3	4	1.58	Cold showers.
13	29.786	29.690	53.0	48.6	41.6	55.9	2.65	3.24	66	95	NW 4	NW 1	4	3	1.73	Cold showers. Very unsettled.
14	29.773	29.820	47.5	50.3	34.8	58.2	3.16	2.71	97	75	NNE 1	NW 3	5	9	0.05	D.
15	29.796	29.794	52.4	52.4	50.2	56.1	3.21	3.51	82	89	NNW 2	NW 1	9	10	1.95	
16	29.926	30.025	53.9	49.9	48.8	56.8	3.40	3.35	82	94	NW 1	Calm 0	8	10	0.55	Dull.
17	30.111	30.187	51.1	51.6	44.8	59.0	3.38	3.61	90	95	NW 1	NW 1	9	10	1.60	showers a. Sunny 2p.
18	30.109	30.176	50.4	50.9	47.0	56.5	3.25	3.31	89	89	N 1	N 2	4	8	0.80	
19	30.166	30.145	49.6	51.9	46.0	57.0	3.10	3.24	88	84	NE 1	NE 2	9	5	0.10	Lovely day. Gorgeous sunset.
20	30.050	30.024	55.1	53.0	50.2	61.5	3.96	3.82	91	95	Calm 0	Calm 0	10	5	—	
21	30.037	30.050	53.1	54.1	43.8	61.7	3.68	3.86	91	92	N 0.1	N 1	10	10	—	Blue ∞.
22	30.018	30.004	54.7	52.2	44.3	57.3	3.88	3.66	91	94	NW 0.1	W 0.1	10	10	—	
23	29.927	29.881	54.4	50.9	44.9	57.3	3.78	3.67	90	99	SW 4	Calm 0	10	10	4.10	[ground (mist) p.
24	29.807	29.765	51.2	47.7	40.3	56.8	3.65	2.64	97	100	Calm 0	NE 0.1	6	0	1.75	Bright a. showers p. Sudden
25	29.766	29.647	46.3	49.4	36.0	61.0	3.12	3.19	99	91	NW 0.1	Calm 0	2	9	—	Lovely day. (mist) gp.
26	29.522	29.396	46.1	43.9	36.9	58.0	3.10	2.71	99	95	Calm 0	Calm 0	1	4	2.58	gp. a. ⊕.
27	29.451	29.627	51.8	47.5	43.1	55.2	3.33	2.83	86	87	NW 6	NW 5	6	5	1.98	Wild, squally day.
28	29.624	29.474	49.8	48.9	37.8	53.9	3.11	3.23	87	94	Calm 0	Calm 0	8	10	0.39	⊕ 100.
29	29.630	29.782	51.7	40.2	39.9	54.1	3.32	2.44	86	98	E 0.1	E 0.1	5	8	0.65	
30	29.403	29.520	55.4	55.2	39.8	64.4	3.91	4.12	90	95	S 5	WSW 2	10	10	1.80	
Means	29.899	29.906	53.2	50.5	44.5	59.2	3.61	3.40	88.6	92.2	1.9	1.4	7.0	6.6	3.375	

DUNROBIN CASTLE.

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

OCTOBER 1882.

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	55.3	49.1	66.3	in.	in.	%	%					ins.	Dull and cloudy. (gale).
2	29.400	29.271	55.5	55.5	49.6	58.4	4.18	4.29	91	98	SW	SW	—	—	—	Blow but fine.
3	29.549	29.546	55.7	50.7	43.2	58.6	3.26	3.34	74	90	SW	SE	—	—	0.50	Fine a. Dull p.
4	30.322	30.617	54.0	52.0	49.6	58.4	4.09	3.48	98	90	W	W	—	—	—	Dull a. Clear p.
5	30.671	30.658	52.0	53.7	44.9	55.3	3.43	3.73	88	90	W	W	—	—	—	Dull and cloudy.
6	30.633	30.523	53.5	52.5	50.6	55.3	3.59	3.54	88	90	NW	NE	—	—	1.00	Dull a. Overcast p.
7	30.441	30.343	54.0	54.3	50.4	54.3	3.80	3.93	91	93	SE	SE	—	—	—	Dull, with p.
8	30.263	30.207	54.7	53.5	51.6	56.4	3.87	3.82	91	94	SE	E	—	—	1.90	Dull and cold. Stormy.
9	Barometer out of order.		52.0	49.3	46.9	54.7	3.69	3.36	95	96	E	N	—	—	0.40	Dull all day.
10			55.5	53.5	49.3	57.4	3.45	3.82	78	94	NW	SW	—	—	—	Fine all day.
11			56.3	54.7	46.9	57.6	3.61	3.99	79	93	SE	E	—	—	—	Fine a. Cloudy p.
12			55.3	55.5	47.6	57.4	4.08	4.12	92	94	SE	SE	—	—	—	Dull all day.
13			54.7	53.5	43.7	56.6	3.87	3.29	91	80	SE	SE	—	—	—	Dull and windy a.
14			55.0	52.5	50.6	55.0	3.59	3.17	85	80	S	SW	—	—	—	Dull all day.
15			53.0	50.7	47.8	54.7	3.06	3.02	76	82	SW	SE	—	—	2.10	Dull and stormy.
16			51.0	50.0	46.7	51.0	3.16	2.80	84	78	S	S	—	—	0.40	Dull and stormy, with .
17			49.0	48.7	45.7	51.7	2.98	2.68	86	78	S	S	—	—	—	Dull a. Clear p.
18			50.7	49.5	44.5	52.5	2.79	2.71	76	77	S	S	—	—	0.20	Cold wind a. Fine p.
19			52.3	53.0	49.4	53.0	3.49	3.04	89	84	S	S	—	—	5.40	Blow with . Dull p.
20			51.3	49.5	43.7	56.4	3.07	3.40	81	87	SW	S	—	—	—	Dull a. Fine p.
21			51.7	52.3	39.1	53.7	2.84	3.49	75	89	E	SW	—	—	1.00	Fine a. . p.
22			46.2	44.2	43.7	54.3	2.78	2.03	90	91	W	W	—	—	—	Fine.
23			46.9	41.4	33.5	49.5	2.61	2.52	82	97	NW	NW	—	—	—	a. Fine.
24		42.2	39.6	34.7	50.3	2.43	2.39	90	98	SW	NE	—	—	—	a. Fine.	
25		43.9	39.4	33.5	50.7	2.51	2.31	87	96	SE	NE	—	—	—	Dull a. Clear and cold p	
26		45.9	42.9	35.1	49.7	2.66	2.71	87	99	NE	S	—	—	1.60	a. Dull with . p.	
27	29.504	29.704	50.3	42.4	38.6	52.5	2.48	2.31	69	86	NE	S	—	—	—	Fine all day.
28	9.009	9.034	47.2	41.2	38.6	48.7	2.45	2.06	76	80	NW	W	—	—	—	Fine all day.
29	8.777	7.727	43.6	33.8	32.5	49.5	2.09	1.74	74	89	N	W	—	—	—	Fine all day.
30	5.67	5.67	39.9	36.5	33.3	50.3	2.06	1.99	84	92	W	W	—	—	—	Fine all day.
31	29.715	29.762	44.4	38.2	34.5	53.5	2.14	2.14	73	93	NW	NW	—	—	0.50	Fine all day.
Means	—	—	50.8	48.4	43.5	54.3	3.13	3.07	83.4	88.8	—	—	—	—	1.500	

LAUDALE.

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

OCTOBER 1882.

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. 29° 305	ins. 29° 293	61°	51° 2	48°	62° 8	in. ° 483	in. ° 318	% 90	% 84	S 8	SW 8	10	10	ins. ° 230	☁ ² , the heaviest gale since Feb. 7th. Bar. 29° 128, 5p. Wind shifted to SSW. 6p. Very high tide.		
2	*607	29° 579	53° 3	49° 5	48° 3	56° 6	*321	*321	79	91	SSW 5	SW 3	8	10	1° 200	☁ ² showers. T		
3	29° 927	30° 219	52° 3	55° 5	49°	56° 7	*357	*406	91	92	W 3	W 2	10	10	*160	Dull and gloomy.		
4	30° 457	*649	54°	52° 3	52°	55° 8	*403	*387	97	99	WSW 2	WSW 1	10	10	*010	Dull and gloomy. ☁ (mist) all day.		
5	*671	*611	52°	52° 1	48° 5	60° 8	*361	*387	93	99	Calm	Calm	0	10	4	—		
6	*541	*452	55° 8	55° 2	47°	59° 2	*377	*373	84	86	E 1	E 2	9	9	—	Dull and gloomy. ↗ from E.		
7	*329	*224	52° 3	53° 5	47°	56° 8	*357	*346	91	84	Calm	ESE 4	9	10	*020	Dull and gloomy. ↗ from E. p.		
8	*151	*132	54°	55°	50° 2	57° 8	*374	*397	90	92	SE 3	Calm	0	10	9	*150	Dull and gloomy.	
9	*103	30° 077	51° 4	50°	48°	55°	*377	*361	99	100	Calm	Calm	0	10	8	*160	Gloomy. ☁ ² nearly all day. ☁ ² [5p.—6p. Clouds from N.	
10	30° 029	29° 697	51° 5	54°	47°	55° 3	*342	*342	90	82	SSE 1	SSE 4	8	10	*070	☁ ² 9a. Gloomy. Clouds from SSW.		
11	29° 490	*552	51°	56° 3	50°	63° 3	*331	*445	88	98	SSE 4	Calm	0	10	2	*220	☁ ² (mist) a. [Cir. "tree" E. to W. ∞	
12	*643	29° 744	55° 4	56° 3	50°	63° 3	*421	*445	96	98	Calm	0	SSE 1	10	9	*010	—	
13	*954	30° 000	58°	56°	49°	60° 8	*436	*419	90	93	Calm	0	SSE 1	10	7	—	7.30a.	
14	*977	29° 905	56° 8	52° 8	52°	57° 1	*437	*389	94	97	SSE 2	SSE 4	10	10	*550	Dull and gloomy. ☁ (mist) 6p.		
15	*781	*777	50° 3	48° 8	48°	54° 8	*357	*330	98	95	S 8	S 3	10	10	*100	Very dull and damp. ☁ ↗.		
16	*795	29° 957	49° 8	48° 1	46° 5	52°	*342	*313	95	93	Calm	0	Calm	0	10	10	—	
17	29° 979	30° 076	47° 3	45°	43° 5	51° 8	*299	*271	92	91	ESE 1	Calm	0	2	1	—	Cir. S. to NW., and crossing E. to W.	
18	30° 067	29° 921	49° 2	50°	45°	53° 8	*292	*337	84	94	ESE 6	ESE 7	10	10	*500	∞ a. and p. ↗ (strong gale) all day.		
19	29° 613	*528	52° 3	48°	47° 3	53°	*357	*330	91	99	ESE 7	SSW 3	10	10	*570	Dull and damp.		
20	*522	*524	50° 3	48° 3	46° 3	52° 8	*362	*326	99	97	SSW 3	SSW 2	10	8	*420	☁ (mist) a. Dull and gloomy.		
21	*384	*236	51°	45° 7	45° 3	52° 7	*343	*308	92	100	SSE 5	SSE 2	7	4	*320	Dull, with ∞ a. and p.		
22	*072	*113	47° 2	41° 6	41°	49°	*320	*254	99	97	SSW 1	SW 1	10	7	*340	☁ (mist) a. Dull. ∞ p.		
23	*092	*203	49° 2	44°	39° 4	49° 3	*340	*288	98	100	SW 1	SW 1	10	3	*280	a. and p. ☁ showers. ∞ and [Cir. Noon. ∞ 9p.		
24	*274	*319	45°	38°	37° 4	47°	*287	*228	96	100	SW 1	Calm	0	8	2	*030	☁ (mist) a. and p. Damp and dull.	
25	*407	*474	37° 3	37° 2	36° 1	47° 3	*222	*222	100	100	Calm	0	Calm	0	1	0	*010	Clear and frosty a. and p.
26	*465	*519	36° 1	37° 2	34° 2	48° 8	*211	*218	99	98	Calm	0	Calm	0	0	0	—	Clear and frosty a. and p.
27	29° 681	29° 860	36° 3	41° 2	33°	49° 7	*210	*240	93	93	Calm	0	Calm	0	0	0	—	Day clear and frosty.
28	30° 000	30° 015	38° 3	35° 3	34° 1	48° 2	*225	*205	98	99	Calm	0	E 1	1	0	—	Day clear and frosty.	
29	29° 026	29° 769	40° 1	43° 9	34°	44° 8	*221	*251	89	87	E 1	Calm	0	7	10	*320	Cir. "tree" SE. to WNW., head in [NW. ∞ all day.	
30	*537	*571	41°	43°	40° 2	46° 3	*257	*280	100	100	SSE 2	SSE 1	10	9	*420	☁ ² * ² (sleet). T 5p. * 9p.		
31	29° 769	29° 737	44° 4	47°	41°	52° 1	*288	*280	99	87	S 1	Calm	0	8	2	*220	* a. Large ∞ p. Distant T.	
Means	29° 792	29° 798	49° 2	48° 1	44° 5	54°	*333	*323	93° 5	94° 4	2° 1	1° 6	7° 9	6° 6	6° 310			

DUNDEE.

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

OCTOBER 1882.

1	29° 486	29° 430	59° 5	54° 4	48° 2	64° 7	442	272	87	64	SW	1	SW	10	10	10	—	Dull. (gale) from 5p.
2	29° 717	29° 637	52° 4	52° 4	47° 2	59° 7	315	315	80	80	SW	6	SW	10	7	10	0°50	Stormy 10a. 5p. (gale) showers
3	29° 872	30° 200	51° 4	49° 4	46° 3	57° 7	304	303	80	86	NW	6	W	2	7	10	0°50	Cloudy. at night. [from 6.30p.
4	30° 422	594	52° 4	54° 4	48° 2	62° 7	340	366	86	87	W	1	W	1	10	10	—	Dull.
5	29° 678	662	53° 4	50° 4	47° 2	56° 7	380	340	93	93	SE	1	SE	4	10	10	1°150	Dull. showers from 5p.
6	29° 577	461	52° 4	51° 4	50° 2	54° 7	366	353	93	93	SE	1	NE	2	10	10	—	Dull.
7	29° 340	240	52° 4	51° 4	49° 2	53° 7	315	353	80	93	E	6	SE	6	10	10	2°250	Dull. from 5p.
8	29° 199	160	54° 4	51° 4	49° 2	59° 7	394	353	93	93	SE	2	SE	2	10	10	0°50	—
9	29° 089	30° 059	52° 4	49° 4	48° 2	58° 7	366	327	93	93	S	1	W	1	10	10	—	Dull.
10	30° 063	29° 871	48° 4	49° 4	42° 3	59° 7	291	327	86	93	NW	1	SE	6	5	7	0°50	Fine.
11	29° 610	405	52° 4	53° 4	48° 2	56° 7	366	327	93	80	SE	2	SE	6	10	10	1°150	from 3p.
12	29° 575	29° 774	54° 4	54° 4	52° 2	55° 7	424	424	100	100	NE	1	E	1	10	10	3°350	n. showers during the day.
13	29° 965	30° 058	52° 4	52° 4	52° 2	55° 7	394	366	100	93	SE	1	SE	2	10	10	2°200	n. and during day.
14	30° 082	30° 013	51° 4	51° 4	50° 2	53° 7	353	328	93	86	SE	6	SE	6	10	10	—	n. Day dull.
15	29° 913	29° 867	50° 4	46° 4	46° 3	51° 7	315	294	86	94	SE	6	SE	8	10	10	1°650	from 10.30a.
16	29° 882	29° 900	46° 4	46° 4	45° 3	47° 7	294	294	94	94	SE	6	SE	2	10	10	3°300	n. and during day.
17	30° 003	30° 145	45° 4	44° 4	44° 3	53° 7	260	272	87	93	S	1	SE	1	10	10	1°100	n. showers during day.
18	30° 197	30° 056	46° 4	48° 4	43° 3	50° 7	271	291	87	86	SE	6	SE	10	10	10	1°150	showers. (gale) from 2p.
19	29° 821	29° 602	48° 4	48° 4	47° 2	50° 7	315	340	93	100	SE	10	SE	10	10	10	4°450	(gale) n. and during day.
20	29° 620	602	45° 4	45° 4	40° 3	56° 7	304	283	100	94	SE	1	SE	1	10	7	—	(gale) at night.
21	29° 511	205	47° 4	47° 4	41° 3	51° 7	303	327	93	100	SE	1	SE	1	10	10	1°100	from 1.30p.
22	29° 091	120	44° 4	47° 4	37° 3	50° 7	272	327	93	100	W	1	W	1	7	5	—	Cloudy.
23	29° 173	224	45° 4	43° 4	36° 2	51° 7	260	262	87	93	SW	1	W	1	5	10	0°50	Cloudy.
24	29° 298	288	40° 4	40° 4	37° 2	47° 7	232	213	93	85	W	1	NW	1	10	7	—	Fine.
25	29° 303	476	39° 4	37° 4	36° 2	49° 7	224	205	93	92	NW	1	NW	1	0	0	—	Fine.
26	29° 501	527	34° 5	38° 4	29° 2	49° 7	182	214	91	93	SE	1	NE	1	0	0	—	Fine.
27	29° 666	843	43° 4	41° 4	37° 3	48° 7	241	221	85	86	NE	2	NE	2	5	7	—	Cloudy.
28	29° 968	950	42° 4	38° 4	36° 2	46° 7	212	195	79	85	NE	4	NE	2	5	10	—	Fine.
29	29° 910	760	41° 4	35° 5	33° 2	47° 7	186	172	72	83	N	2	NW	1	7	7	—	Fine.
30	29° 550	571	38° 4	36° 4	33° 2	43° 8	214	200	93	93	NW	1	NW	1	10	10	—	Dull.
31	29° 761	29° 821	39° 4	39° 4	33° 2	50° 7	221	242	93	100	NW	1	NW	1	7	10	1°050	Cloudy.
Means	29° 837	29° 821	47° 7	46° 8	43° 1	53° 5	302	294	89° 5	90° 5	2° 6		3° 4	8° 2	8° 7	3° 150		

ROTHESAY.

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

OCTOBER 1882.

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°	53°	52°	62°	ins.	ins.	72	72	S	S	—	—	ins.	(gale) p.
2	29° 420	29° 434	58°	53°	52°	62°	489	497	100	100	SW	SW	—	—	1°000	T 7p.—8p.
3	29° 669	29° 591	56°	51°	42°	61°	370	347	80	91	W	SW	—	—	°70	
4	29° 947	30° 236	54°	53°	42°	57°	352	402	84	98	NW	NW	—	—	—	Dull, with ∞.
5	30° 476	30° 633	54°	54°	51°	56°	402	394	95	94	E	E	—	—	—	W in NE.
6	29° 655	29° 605	55°	53°	47°	58°	395	390	91	96	E	E	—	—	—	Fine.
7	29° 525	29° 438	53°	51°	47°	59°	352	355	97	94	ENE	E	—	—	—	Dull and blowy.
8	29° 295	29° 177	52°	50°	48°	54°	358	353	90	91	E	E	—	—	—	Dull and damp.
9	29° 151	29° 144	53°	52°	49°	57°	391	387	96	98	ENE	Calm	—	—	—	Mild. W in NW, p.
10	29° 104	29° 108	52°	45°	44°	58°	388	304	100	100	NE	Calm	—	—	—	Dull.
11	30° 077	29° 813	49°	51°	44°	55°	345	347	99	91	SE	SE	—	—	—	Dull, with ☉.
12	29° 550	29° 420	53°	49°	47°	56°	400	340	97	98	SE	SW	—	—	—	Dull and mild.
13	29° 596	29° 767	51°	56°	42°	59°	369	439	99	95	NE	NE	—	—	—	Dull and mild.
14	29° 895	29° 018	56°	54°	52°	59°	432	409	94	98	NE	E	—	—	—	Dull and mild.
15	30° 001	29° 934	55°	52°	50°	56°	400	375	96	97	SE	E	—	—	—	Dull, with ☉.
16	29° 838	29° 702	47°	47°	46°	51°	373	323	100	100	SE	SE	—	—	—	Dull.
17	29° 794	29° 868	47°	47°	45°	51°	317	303	95	94	SE	SE	—	—	—	
18	29° 087	29° 007	46°	46°	44°	55°	287	268	92	86	NE	SE	—	—	—	
19	30° 113	29° 925	48°	49°	41°	53°	281	204	85	85	ESE	ESE	—	—	—	
20	29° 676	29° 589	49°	48°	46°	51°	350	327	100	98	SE	W	—	—	—	☉ all day.
21	29° 575	29° 569	52°	48°	43°	55°	366	285	94	84	S	S	—	—	—	☉ showers.
22	29° 446	29° 242	49°	41°	40°	51°	331	261	95	99	SE	W	—	—	—	Cloudy. ☉ p. Lunar ☾.
23	29° 112	29° 170	47°	43°	39°	54°	316	258	98	93	SW	S	—	—	—	☉ ☉ showers.
24	29° 269	29° 254	46°	46°	40°	54°	280	209	89	95	SW	W	—	—	—	Dull. ☉ ☉ showers.
25	29° 300	29° 364	43°	38°	37°	55°	276	229	99	100	E	Calm	—	—	—	☉ showers. Several peals of T 2.30 p.
26	29° 443	29° 500	45°	38°	35°	54°	299	224	98	97	Calm	Calm	—	—	—	Clear and fine. W 10p.
27	29° 568	29° 512	39°	42°	31°	7°	243	259	100	97	E	E	—	—	—	Clear and fine.
28	29° 622	29° 820	43°	44°	38°	51°	251	269	88	93	NE	E	—	—	—	Fine.
29	29° 744	30° 014	46°	38°	36°	53°	282	229	90	100	E	E	—	—	—	Clear and fine.
30	29° 960	29° 798	38°	39°	29°	53°	225	239	98	100	NW	Calm	—	—	—	Fine.
31	29° 546	29° 602	41°	44°	38°	47°	264	287	100	99	NE	NW	—	—	—	Dull, with ☉.
31	29° 812	29° 756	46°	46°	39°	51°	243	209	91	93	SW	SE	—	—	—	Large ☉.
Means	29° 816	29° 813	49°	47°	42°	54°	337	316	94°	94°	—	—	—	—	5° 457	

SCALEBY (NEAR CARLISLE).

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

OCTOBER 1882.

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.	63.3	54.8	53.5	66.7	ins.	ins.	96	99	S 4	S 7	9	2	ins.	
2	29.537	29.555	55.0	53.3	45.0	60.0	.424	.349	98	85	SW 4	SW 8	10	9	.260	
3	30.008	30.328	54.3	51.0	48.1	58.2	.419	.353	99	94	SW 7	SW 3	8	3	.320	
4	.458	.612	55.6	49.8	48.2	58.0	.415	.351	94	98	SW 2	SW 2	10	5	.020	
5	.634	.549	55.0	51.8	46.5	61.0	.418	.382	97	99	S 2	SE 3	10	10	.020	
6	.428	.382	55.6	52.8	51.0	59.0	.424	.391	96	98	E 4	NE 2	9	2	—	
7	.196	.114	53.8	52.8	50.1	55.2	.412	.397	99	99	NE 5	Calm	10	10	.360	
8	.123	.110	52.8	48.8	48.0	57.2	.397	.343	99	99	E 2	Calm	8	2	.110	
9	.113	30.122	48.3	44.0	43.0	58.5	.323	.286	96	99	Calm	NE 2	10	10	—	
10	30.057	29.812	48.3	50.0	44.0	58.5	.323	.358	96	99	Calm	SW 2	10	10	.030	
11	29.593	.417	55.3	52.8	49.0	58.0	.425	.369	97	92	S 2	E 1	10	10	.150	
12	.517	.713	49.8	56.8	47.2	58.0	.356	.459	99	99	Calm	E 2	10	10	.020	
13	29.841	.990	56.3	55.8	54.2	58.0	.434	.443	96	99	E 2	E 2	10	10	.090	
14	30.023	.981	53.6	52.8	51.8	61.0	.400	.397	97	99	E 1	E 1	10	10	—	
15	29.883	.809	52.8	47.8	46.0	53.0	.391	.317	98	95	SE 4	SE 4	10	10	.570	
16	.802	29.831	47.8	44.6	44.0	49.0	.330	.283	99	97	SE 6	SE 6	9	0	.030	
17	29.943	30.085	47.0	39.8	38.5	53.0	.290	.223	91	92	E 3	E 3	5	0	—	
18	30.137	30.027	46.8	47.3	37.5	54.0	.271	.299	85	92	E 2	E 2	10	2	.090	
19	29.781	29.621	51.8	49.8	46.5	52.0	.305	.320	79	92	S 6	S 4	10	10	.360	
20	.599	.626	51.6	48.8	42.0	55.0	.333	.293	87	85	SW 5	SW 2	4	10	.050	
21	.458	.243	51.6	49.8	46.0	53.2	.308	.356	80	99	SE 5	Calm	5	10	.060	
22	.091	.203	43.8	37.8	37.0	50.0	.278	.225	98	99	E 1	Calm	4	1	.400	
23	.250	.324	46.8	45.8	37.2	52.5	.305	.278	95	98	SW 5	SW 2	2	8	.520	
24	.282	.303	43.8	41.3	40.8	46.8	.284	.230	99	89	E 1	NW 3	10	10	—	
25	.447	.505	36.8	35.0	31.5	53.8	.217	.193	99	95	Calm	N 1	0	2	—	
26	.485	.470	37.8	37.8	31.0	52.2	.209	.205	92	91	E 1	E 1	5	0	—	
27	.597	.724	42.6	44.8	35.8	48.0	.237	.271	86	92	NE 3	E 4	10	10	.150	
28	.854	.905	46.6	38.3	38.0	50.2	.262	.204	83	88	NE 4	NE 2	8	3	—	
29	.884	.834	40.6	37.8	36.2	49.0	.214	.215	85	95	NE 2	N 2	3	10	.500	
30	.563	.622	43.8	43.6	36.8	51.0	.278	.281	98	99	E 2	W 1	10	10	.140	
31	29.844	29.870	46.3	47.0	39.5	53.2	.280	.273	90	85	W 4	SW 4	3	10	.030	
Means	29.816	29.818	49.5	47.2	43.4	54.9	.339	.316	93.6	94.9	2.9	2.5	7.8	6.7	4.350	

SCARBOROUGH.

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

OCTOBER 1882.

1	29.704	29.642	60.2	57.6	50.5	67.3	.483	.378	94	80	SSW 5	S 5	9	10	.100	
2	29.910	29.876	54.6	54.6	48.5	62.3	.329	.336	78	79	SW 3	SW 3	0	1	—	W ² after 7p. Curious bright patch of light in S.
3	30.036	30.256	54.6	50.7	47.5	61.4	.329	.297	77	81	WSW 3	W 2	2	2	—	
4	.410	.573	57.6	53.6	48.8	58.8	.371	.397	78	97	W 1	N 1	5	10	.060	
5	.603	.517	56.6	54.4	52.5	58.1	.391	.385	85	92	NE 2	NE 5	3	5	—	○ ga.
6	.428	.304	57.7	54.6	54.2	58.7	.391	.336	82	79	NE 5	NE 5	1	8	.010	
7	.184	.128	52.7	53.0	52.7	54.6	.360	.391	90	97	ENE 5	E 1	10	10	.060	
8	.152	.124	53.9	52.9	51.5	54.3	.399	.389	96	98	E 3	E 1	9	9	.400	☉ ² 9.15a.—10.15a.
9	.140	30.125	50.0	50.6	49.7	55.5	.348	.361	97	98	SW 3	SW 1	8	10	—	☼ ga. ☼ ² (mist) 9p.
10	30.104	29.940	50.1	52.6	49.5	52.8	.349	.371	96	94	E 1	E 2	10	9	.010	☼ a.
11	29.684	.432	54.3	57.4	52.6	57.4	.401	.455	95	96	S 1	S 2	10	10	.180	☼ ² (mist) ga.
12	.514	.667	54.3	54.8	53.7	57.4	.393	.424	93	98	N 1	N 3	10	10	.040	☼ a.
13	29.837	29.965	54.4	54.1	54.1	55.3	.415	.410	98	98	NE 3	NE 2	10	10	.210	☼ ² (mist) a.
14	30.030	30.026	56.4	52.6	51.7	56.8	.361	.304	80	76	ENE 3	SE 3	1	10	.020	
15	29.992	29.896	50.0	48.6	48.6	52.9	.286	.286	80	84	ESE 5	E 5	9	10	.550	
16	.859	29.783	49.1	48.1	46.5	49.3	.266	.261	77	77	ESE 6	ESE 6	10	10	.080	
17	29.923	30.054	48.5	49.1	45.7	49.7	.273	.272	81	78	E 4	E 4	8	9	.010	
18	30.171	30.091	52.1	51.6	48.6	52.3	.295	.333	76	87	E 5	ENE 3	3	10	.020	
19	29.902	29.711	51.8	51.1	49.1	52.5	.345	.352	89	93	SE 4	SE 5	10	10	.260	
20	.713	.713	46.0	50.2	45.9	56.5	.304	.327	98	91	SW 3	S 2	6	1	—	☼ ga. and before.
21	.624	.339	48.5	50.6	47.3	53.0	.323	.351	96	95	S 3	S 2	9	2	.340	
22	.122	.207	49.1	42.7	42.7	54.5	.292	.241	84	88	SW 1	SW 2	3	1	.050	
23	.339	.367	44.5	44.3	39.0	52.5	.247	.248	84	85	SW 2	SW 2	4	3	—	☼
24	.353	.151	41.7	44.9	40.5	47.7	.239	.264	91	89	S 1	WNW 6	10	10	1.320	☼ ² 2p.—5p. wind E.
25	.425	.500	45.2	45.6	41.5	53.8	.239	.241	80	79	WSW 3	SW 2	2	3	—	☼
26	.513	.493	39.6	43.7	36.9	48.8	.225	.245	93	85	WSW 2	E 1	0	2	.640	☼ ga. and before. ☼
27	.544	.647	49.1	50.6	43.7	50.8	.279	.287	81	78	E 4	E 4	8	10	.120	☼ ² K early a.
28	.740	.746	50.0	48.5	46.7	50.6	.281	.257	79	75	NE 5	NE 6	10	10	.130	
29	.736	.833	49.3	40.7	39.4	49.4	.233	.215	67	85	N 6	NNW 1	4	4	.010	☼ ² 4a. Sun-dog, bright colours, to N.
30	.669	.608	43.0	44.9	39.5	50.2	.246	.264	89	89	SW 3	WSW 2	10	1	.070	☼ 9p. [of Sun 4p.]
31	29.851	29.905	46.6	47.2	40.8	51.8	.256	.277	81	86	WSW 2	SW 1	2	10	.010	☼ ga.
Means	29.845	29.826	50.7	50.2	47.1	54.4	.321	.321	86.0	87.3	3.2	2.9	6.3	7.1	4.700	

Observer remarks: Mean sea temperature 53.9.

DOUGLAS, ISLE OF MAN.

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

OCTOBER 1882.

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	54.2	54.2	63.3	ins.	ins.	97	97	SSE 6-7	SW 7	10	4	ins.	[3p. Squally a. and p., reaching force 8.	
2	29.533	29.586	58.9	50.7	50.5	58.8	.377	.297	81	81	SSW 4	WSW 6	8	3	.050	Squally (force 7), K 4p.—6.30p.	
3	29.770	29.757	57.0	50.7	50.5	58.8	.377	.297	81	81	W 5	Calm	0	7	.010	☼ showers from 1p. [4p. 9p.	
4	30.079	30.310	54.0	51.4	49.9	56.8	.352	.359	84	94	NW 4	N 3	8	0	—	☼ 9p.	
5	.498	.607	55.5	52.7	51.4	59.5	.397	.370	90	94	NE 3	ENE 4	10	4	—	☼ (mist) ga. W 8.30p.	
6	.592	.509	56.4	54.3	46.8	57.8	.410	.357	90	84	NE 4	E 6	4	4	.040	Squally p.	
7	.391	.310	56.3	55.1	52.8	60.2	.407	.343	89	79	NE 4	E 3	4	10	.020		
8	.165	.086	51.5	55.1	51.5	55.1	.380	.396	100	91	NE 4	E 3	10	10	.020		
9	.116	.101	54.8	42.0	42.0	58.1	.399	.267	93	100	ESE 4	Calm	0	9	—	☼ (mist) a. D ² 9p.	
10	.121	30.112	50.0	41.4	37.5	60.4	.334	.259	93	99	Calm	Calm	0	8	—	D ² ☼ (mist) a. D ² p.	
11	30.055	29.782	51.5	54.8	39.7	54.8	.316	.406	83	94	ESE 3	SE 4	8	10	.070	☼ (mist) D a.	
12	29.543	.392	55.2	48.7	43.3	58.1	.410	.326	94	95	SE 3	Calm	0	10	7	.260	
13	.550	.677	56.7	57.2	41.3	60.8	.355	.453	77	97	N 1	NE 3	4	9	—	D a.	
14	.835	.947	54.2	56.3	51.2	63.9	.391	.409	93	92	Calm	Calm	0	4	9	—	D ² a.
15	.983	.913	54.7	55.1	54.7	56.6	.417	.371	97	85	SE 4	SE 6	10	10	.716	Squally p.	
16	.824	.769	49.4	50.4	49.2	55.1	.335	.356	95	97	ESE 6-7	Calm	0	10	.304	Squally ☼ ² a.	
17	.762	29.768	48.7	48.5	46.0	51.2	.291	.230	85	67	ESE 6	E 5	10	10	—	☼ (mist) ga.	
18	29.913	30.036	48.4	49.5	47.2	54.3	.240	.270	71	76	E 3	SE 4	8	10	.015		
19	30.077	29.902	50.7	52.0	48.4	53.4	.302	.294	82	76	SE 4	SE 7	7	8	.450	☼ (mist) ga.	
20	29.667	.623	52.5	43.3	43.3	52.7	.381	.273	96	88	SE 6	Calm	0	10	.707	Squally ☼ ² a.	
21	.623	.613	50.7	51.2	42.8	57.0	.329	.314	89	83	SW 2	SW 3	10	8	.085	☼ ² ga.—10a.	
22	.432	.263	51.8	47.8	41.4	53.0	.380	.306	98	92	SSE 4	W 1	10	7	.747	☼ ² ga.—7p.	
23	.147	.253	48.7	46.8	39.8	50.5	.309	.266	90	84	WNW 3	W 3	9	7	.237	Δ Δ ² ☼ ² at intervals 3p.	
24	.282	.345	48.9	47.2	45.4	52.3	.284	.255	82	89	WSW 3	W 4	7	4	.087		
25	.288	.354	43.3	43.7	37.2	49.4	.272	.269	97	94	Calm	Calm	0	9	.049	D a. ☼ Δ 4p. < 6p.—7p. D 9p.	
26	.457	.501	47.0	42.7	34.6	50.7	.287	.259	90	90	W 1	Calm	0	2	.214	☼ from 8p. ☼.	
27	.451	.411	43.3	45.0	35.5	51.0	.270	.268	96	90	Calm	Calm	0	7	.360	☼ a. ☼ ga.—10a. < 6.30p. ☼ ² 7 11p.	
28	.538	.707	46.7	48.0	42.8	49.7	.281	.295	89	89	NNE 3	NE 5	10	8	.013	[Squally 9p.	
29	.851	.922	49.4	45.0	43.4	51.2	.281	.245	82	82	NE 4	NNE 3	5	7	—		
30	.909	.825	45.8	46.6	36.5	49.0	.241	.262	79	83	N 4	SSW 2	5	9	.484		
31	.603	.689	50.0	48.5	45.8	52.7	.374	.280	87	82	WSW 4	W 4	8	6	.010		
31	29.887	29.737	50.4	50.0	42.4	52.0	.310	.261	85	100	WSW 2	SE 6	7	10	.400	Squally ☼ from 3p.	
Means	29.805	29.800	51.4	49.5	44.8	55.1	.340	.315	88.8	88.3	5.3	3.1	7.7	6.7	5.777		

LLANDUDNO.

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

OCTOBER 1882.

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.	65.5	55.2	54.8	71.2	ins.	ins.	77	73	SSW 7	SW 6	9	5	ins.	(gale) n. and during day. Wind
2	29.574	29.571	55.1	53.0	49.8	61.2	361	313	83	78	SW 2	W 3	2	0	1.00	Fine till 5.30p., then showers.
3	29.569	29.571	55.1	53.0	49.8	61.2	361	313	83	78	SW 2	W 3	2	0	1.00	
4	30.133	30.373	56.7	54.0	50.5	58.5	370	382	81	92	W 2	NW 2	7	2	—	
5	54.1	64.3	56.5	56.0	54.0	57.8	378	416	83	92	N 1	N 1	10	10	—	
6	60.5	59.3	55.0	54.9	53.0	58.0	403	338	93	79	E 1	NE 4	10	4	—	Fine, though windy.
7	55.4	56.2	56.0	55.0	53.5	58.8	373	349	83	81	NE 4	NE 6	4	9	—	Fine, though windy.
8	54.1	54.0	53.0	51.8	55.6	57.4	374	377	90	94	E 5	E 1	10	10	—	
9	50.3	51.3	55.6	49.2	48.2	57.8	353	310	79	92	E 1	SE 1	4	0	—	Very fine.
10	51.34	50.142	52.4	50.7	43.8	59.5	323	352	82	95	S 1	W 1	0	0	—	Very fine.
11	50.058	29.852	48.0	54.8	42.2	58.2	309	406	93	94	S 1	S 2	1	10	0.080	Calm but dull.
12	29.550	4.00	54.0	48.7	47.5	57.0	397	312	95	88	S 1	W 1	10	0	0.10	Dull and damp.
13	55.9	65.0	53.3	57.8	44.2	58.5	336	424	82	88	SW 1	N 4	0	10	0.030	Fine.
14	29.837	95.7	50.9	56.0	55.5	58.0	436	424	94	94	E 3	SE 1	10	10	0.10	Dull and damp.
15	30.003	97.1	55.7	53.6	50.8	56.2	416	322	94	77	SE 1	SE 1	10	5	0.375	
16	29.840	81.2	48.8	48.0	46.2	53.8	319	315	93	94	SW 3	S 1	10	0	0.064	showers a. Dull.
17	74.5	29.754	47.0	46.7	45.0	48.8	284	241	89	77	SE 3	E 5	10	10	—	Dull and cold.
18	29.894	30.045	46.0	47.5	44.0	49.0	260	269	85	83	SE 1	SE 1	10	10	—	Dull and cold.
19	30.114	29.944	47.8	50.0	46.8	53.5	262	279	79	78	S 1	SE 2	10	8	0.297	Fine.
20	29.673	68.4	52.8	48.0	47.2	58.0	351	297	87	90	SSW 5	W 1	10	0	0.160	showers.
21	68.8	60.1	51.7	49.8	46.0	53.1	360	336	94	94	SW 1	SW 1	10	10	0.370	showers.
22	45.7	320	50.3	51.8	46.5	51.8	325	338	90	87	SW 1	S 1	10	10	0.290	showers a. Fine p.
23	168	29.1	47.7	47.8	44.8	51.8	313	266	95	80	SW 1	W 2	10	2	0.68	showers a. Fine p.
24	35.6	40.1	50.4	49.0	46.8	54.3	288	297	80	86	SW 3	W 1	2	7	0.040	Fine.
25	25.8	39.2	44.8	47.0	43.8	49.0	278	275	94	86	SW 1	W 1	10	8	0.022	showers. R sp. Lunar
26	44.3	50.7	46.8	43.0	40.8	53.0	260	257	81	93	W 1	W 1	1	7	0.210	Fine a. showers p.
27	48.4	39.3	44.8	45.2	38.4	50.5	250	277	84	93	SW 1	S 1	2	9	0.105	Fine a. showers p.
28	50.9	62.9	46.0	49.2	43.0	50.0	271	319	88	92	SE 3	E 5	8	10	—	(mist) a. Fine. Dark lurid cloud passed over 1.30p.—2p.
29	79.4	86.7	50.0	48.0	47.2	51.2	268	233	75	70	E 6	NE 5	10	8	—	Fine but windy and squally.
30	92.4	89.0	47.0	41.8	41.2	48.7	253	227	79	86	NE 2	N 2	9	2	0.067	Squally before 9a. Fine day.
31	66.2	78.4	52.0	48.1	41.0	52.0	321	302	82	90	SW 4	W 2	9	6	0.040	showers.
Means	29.926	29.811	49.9	50.0	46.5	54.0	309	348	87	97	W 1	SW 1	7	10	0.189	Fine till 3.15p., then .

BUXTON.

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

OCTOBER 1882.

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	29.748	29.729	59.8	51.4	50.6	64.1	449	339	88	89	SW 4	WSW 3	9	9	0.430	p.
2	29.964	29.937	52.9	51.6	45.9	60.0	334	348	83	91	SW 2	SW 5	6	8	0.140	W p.
3	30.157	30.380	50.6	48.6	44.4	57.2	294	312	80	92	SW 3	SW 2	6	10	0.070	before 9a.
4	49.5	58.0	52.6	51.6	47.1	54.6	277	364	95	95	NW 2	NW 2	8	10	—	
5	60.3	49.6	51.4	50.4	47.1	57.6	315	339	83	93	ENE 3	NE 5	3	10	0.020	
6	37.5	25.8	52.9	50.1	49.4	58.2	339	330	85	91	NE 5	E 5	6	10	0.100	
7	15.9	14.3	50.3	50.4	48.3	52.4	346	353	95	96	E 3	E 1	10	10	0.020	p.
8	24.6	26.8	49.3	41.4	39.6	57.2	328	229	94	88	W 1	W 1	10	0	—	p.
9	17.8	30.174	46.6	46.4	38.5	60.7	301	296	95	94	E 1	NW 1	5	8	—	ga.
10	30.132	29.930	42.9	48.9	40.2	54.2	265	339	96	98	SW 1	NE 2	10	10	0.300	ga. and op.
11	29.644	48.2	52.4	50.1	47.9	57.6	379	344	96	95	SE 2	SW 1	10	10	0.330	p.
12	55.8	65.4	48.4	54.6	34.5	55.4	327	377	96	88	WNW 1	SE 3	10	10	0.070	p.
13	29.842	29.957	53.4	52.6	48.4	54.6	409	391	100	99	ENE 3	E 3	10	10	0.030	all day.
14	30.034	30.041	52.1	47.9	46.9	52.6	331	308	84	93	E 2	E 2	7	10	—	
15	29.990	29.904	44.6	44.9	42.9	49.1	243	290	82	98	SE 1	SE 2	10	10	0.340	
16	80.0	29.763	41.6	39.6	38.8	46.1	227	241	87	99	SE 3	SE 3	9	10	0.020	
17	29.926	30.090	42.4	42.4	38.8	46.1	249	253	92	94	E 2	E 1	9	10	—	
18	30.182	30.058	40.6	45.9	40.6	50.6	234	286	93	93	E 3	SE 2	5	0	0.120	
19	29.859	29.693	48.6	48.9	43.8	49.2	312	334	92	97	SE 3	SW 2	10	10	0.460	
20	75.5	75.2	49.1	45.6	33.8	55.7	305	289	88	95	SW 2	SW 2	6	5	0.030	
21	55.3	36.0	47.9	50.0	43.0	54.4	321	358	97	99	SE 2	WSW 3	10	10	0.240	ga.
22	20.6	35.4	45.2	41.6	38.9	52.6	289	312	97	81	W 3	W 3	9	8	0.250	
23	42.2	48.5	43.9	43.1	36.8	50.2	253	231	88	82	SW 2	WSW 3	5	10	0.100	
24	21.4	39.4	39.3	40.9	35.3	43.1	240	334	100	92	W 2	W 2	10	8	1.150	* p.
25	51.9	58.4	45.5	35.4	32.8	52.5	255	193	84	93	W 2	Calm 0	4	5	—	
26	56.3	45.6	38.4	41.2	28.5	47.9	216	235	93	92	SW 2	SE 3	3	8	0.500	
27	55.7	60.6	42.4	45.1	39.1	48.8	260	272	96	90	ENE 2	SE 4	10	10	0.140	ga.
28	77.0	78.5	42.5	43.7	40.2	46.9	259	260	95	91	ESE 2	E 1	10	10	0.100	
29	84.4	92.9	43.4	35.4	33.8	45.6	281	199	100	95	NW 1	NE 1	1	8	0.430	
30	71.3	71.8	44.4	44.6	32.8	48.8	280	256	96	87	SW 4	NW 4	9	7	—	before 9a.
31	29.951	29.874	42.4	46.4	41.5	53.4	255	303	95	96	NW 3	NW 2	10	10	0.600	
Means	29.868	29.866	47.0	46.2	41.0	52.8	299	294	91.8	92.8	2.3	2.4	7.7	8.5	5.990	

HILLINGTON, NORFOLK.

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

OCTOBER 1882.

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.	64.4	62.4	55.7	70.1	ins.	ins.	81	90	S 4	S 3	7	10	ins.	Fine early a.
2	29.836	29.757	55.4	52.6	47.9	64.9	364	361	84	91	SW 3	SW 0.5	0	0	—	Very fine and sunny. ☼ ² 6p.—10p.
3	133	332	54.2	47.0	45.2	60.7	327	309	77	97	SW 3	NW 0.5	2	0	—	Very fine and sunny. ☼ ² 9p.
4	43.6	53.4	51.8	47.9	39.1	57.7	377	318	98	96	NW 1	NE 0.5	10	1	—	Overcast all day. ☼ ² 9p.
5	52.0	38.9	55.0	56.2	45.6	59.5	382	379	87	85	NE 2	ENE 5	8	10	0.047	☼ ² 9p.
6	26.1	15.7	50.7	54.8	54.2	62.1	371	345	81	81	ENE 7	ENE 2	5	10	—	Cloudy early a. Sunny 10.1.—1.30p.
7	10.9	12.3	55.0	49.3	49.1	61.3	391	344	91	98	E 2	E 0.5	9	3	0.128	☼ ² 9p.
8	122	121	51.4	46.1	45.1	60.5	400	312	95	100	SE 1	SE 0.5	9	4	0.163	☼ ² K 2a. T ² 2p. ☼ ² 4p.—6p.
9	165	30.125	50.8	50.9	46.1	61.2	405	367	87	99	SE 0.5	NE 0.5	0	0	0.011	☼ ² a. Very fine and sunny. ☼ ² 9p.
10	30.108	29.928	51.6	56.0	44.1	61.3	382	441	100	99	S 0.5	SE 0.5	10	10	0.185	☼ ² 9p.
11	29.708	48.1	56.1	56.8	54.1	59.0	433	450	95	93	SE 1	SE 1	10	10	0.163	☼ ² nearly all day.
12	49.5	58.0	53.8	56.7	51.9	59.6	403	461	97	100	N 0.5	NE 0.5	10	10	0.200	☼ ² (mist) a. ☼ ² 1p.
13	76.9	29.896	56.4	54.8	53.0	58.9	432	421	95	98	SE 3	E 0.5	10	10	0.010	☼ ² (mist) all day.
14	99.2	30.027	55.3	48.2	40.2	56.8	352	324	81	97	NE 2	NE 0.5	8	10	—	☼ ² 9p.
15	99.1	29.908	48.3	46.8	44.4	51.3	316	271	94	83	SE 1	ESE 3	10	10	—	Overcast all day.
16	78.9	29.697	44.9	44.2	43.0	47.3	229	285	77	97	SE 5	SE 4	10	10	0.003	Overcast all day.
17	29.832	30.024	46.0	46.4	43.9	45.9	280	294	91	94	ESE 1	NE 1	10	10	0.009	Overcast all day. ☼ ² 9p.
18	30.137	30.089	51.4	48.1	41.1	57.7	333	320	83	93	ENE 1	ESE 0.5	10	3	0.008	Fine day. ☼ ² 9p.
19	29.941	29.750	50.9	50.5	44.2	53.2	339	349	91	96	SE 4	S 1	10	10	0.188	Overcast all day.
20	76.3	79.0	47.8	49.7	46.0	59.5	311	335	94	94	SE 0.5	SW 1	7	3	0.006	☼ ² 9p.
21	64.2	38.4	52.4	53.4	47.1	57.7	371	409	94	100	SSE 2	S 1	10	10	1.120	☼ ² 2 p.
22	125	35.1	48.9	42.8	42.8	54.3	339	246	98	90	NW 4	SW 4	8	1	0.011	☼ ² till 8.30z.
23	45.7	50.4	43.9	41.5	35.1	52.0	260	244	91	94	SW 1	SW 2	4	0	0.120	☼ ² a. and 9p. Day very fine.
24	33.3	27.8	42.7	42.9	35.7	50.6	272	251	99	91	SE 2	NW 7	10	10	0.906	☼ ² 8a.—1p. ☼ ² (tremendous gale) [☼ ² 3.30p.—8p.
25	51.7	56.8	41.7	37.9	35.8	57.4	234	222	89	97	SW 1	SE 0.5	0	3	0.009	Very fine and sunny. ☼ ² 9p.
26	56.7	47.1	40.0	43.7	31.4	52.5	245	260	99	91	SW 1	SE 2	0	10	0.030	☼ ² a. Day fine and sunny. ☼ ² 9p.
27	50.4	50.5	47.1	47.4	38.0	52.2	306	309	95	95	SE 1	E 2	10	10	0.170	☼ ² 9p.
28	53.5	61.4	50.6	45.4	45.0	51.9	330	372	90	91	NE 6	NE 5	10	10	0.420	Blustering all day. ☼ ² a. and p.
29	79.5	87.5	45.8	39.9	39.9	54.8	280	211	91	99	N 4	N 0.5	8	2	0.023	☼ ² 9p.
30	82.1	65.2	42.7	49.1	31.1	50.6	238	333	86	96	SW 2	SW 2	8	10	0.470	☼ ² a., heliotropes killed. Blustering
31	29.956	29.975	45.7	46.9	40.0	52.5	274	311	90	98	SW 2	SW 0.5	4	10	0.050	Fine and sunny a.
Means	29.848	29.836	50.6	48.9	43.8	56.7	338	332	90.5	94.7	2.2	1.7	7.3	6.8	4.534	

CHURCHSTOKE.

Height above Mean Sea Level, 538 feet. Long. 8° 5' W. Lat. 52° 31' N.

OCTOBER 1882.

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.	63°	51°	51°	64°	in.	in.	93	83	SW 6	S 5	8	2	ins.	Gloomy and rough.	
2	29°663	29°764	55°	50°	48°	61°	356	333	80	92	S 5	SW 6	6	10	165		
3	30°170	30°403	53°	50°	44°	58°	330	330	81	89	W 3	SW 2	5	7	—	Bright, with rough wind a. Gloomy p.	
4	525	605	54°	53°	46°	56°	389	386	91	93	W 1	Calm 0	4	10	040	Dull and overcast.	
5	580	450	51°	51°	48°	57°	345	343	92	90	NE 3	NNE 4	7	7	010		
6	290	203	54°	51°	50°	60°	386	370	92	95	NE 6	NE 5	8	7	052	Dull and gusty.	
7	092	098	51°	52°	50°	58°	384	373	99	96	E 3	Calm 0	9	8	050	Dull and gusty, but warm. 2°.	
8	128	130	46°	47°	42°	53°	304	304	97	92	Calm 0	NW 1	10	3	—		
9	171	30°166	46°	42°	39°	55°	305	261	95	97	NW 1	NW 1	9	10	005	(mist) a. D.	
10	30°109	29°910	43°	52°	38°	53°	274	356	98	90	NW 1	NE 2	10	8	360	a. Dull and cool.	
11	29°579	501	55°	46°	46°	61°	434	231	98	74	SE 3	SSE 1	10	2	035		
12	500	657	43°	50°	35°	56°	254	358	89	99	SSE 1	SW 1	5	10	489	(mist) ga. D.	
13	29°799	29°954	55°	54°	41°	56°	431	412	99	97	Calm 0	NNE 1	10	10	028	(mist) a. Dull.	
14	30°021	30°018	51°	46°	45°	55°	381	304	99	97	E 2	NW 1	10	8	130	(mist). Dull and cold.	
15	29°914	29°843	45°	46°	44°	50°	293	273	97	89	SE 4	NE 1	9	9	065	Dull and threatening.	
16	714	29°718	44°	41°	40°	48°	275	253	93	98	NE 4	E 1	8	10	345	Dull, cold and gusty. 2° p.	
17	29°887	30°073	43°	42°	40°	45°	268	266	94	97	NE 1	SW 1	8	10	005	Cold and dull.	
18	30°131	29°978	45°	48°	42°	52°	287	336	95	98	SE 3	SSE 5	6	8	140	Gusty a. Cold and dull p.	
19	29°773	707	51°	43°	41°	52°	369	263	97	92	SE 6	SE 1	8	2	210		
20	738	721	51°	49°	38°	56°	358	317	96	90	SE 3	SSE 5	6	5	210	Comet seen ga. in SSW. [Gusty p. Sunny a.]	
21	484	345	50°	51°	47°	56°	349	366	94	96	SE 3	SE 1	8	10	135	Dull and threatening. D. 2°.	
22	200	381	46°	42°	40°	52°	288	239	93	89	S 4	WSW 5	8	7	300	Cold wind.	
23	424	494	45°	44°	39°	53°	293	265	96	89	NW 4	SW 5	10	5	290		
24	225	447	42°	40°	37°	45°	261	229	97	93	N 1	NW 2	10	3	380	Dull and overcast. 2° ga.-3p.	
25	520	562	42°	36°	31°	51°	245	205	92	95	SE 1	NE 1	3	0	050	a.	
26	516	395	33°	42°	29°	44°	169	249	86	92	E 2	NE 3	5	8	020	Sunny a. Dull and stormy p.	
27	483	418	45°	36°	47°	251	270	96	88	ENE 1	NNE 3	10	9	295	(mist). Dull and gusty.		
28	713	834	45°	43°	43°	47°	272	229	90	81	NNE 5	N 3	10	7	090	Dull and gloomy.	
29	903	935	44°	39°	35°	49°	225	213	77	89	NW 3	NE 1	7	2	028		
30	738	788	51°	40°	35°	52°	370	229	96	91	WSW 5	SW 2	5	3	400	11a.-5p.	
31	29°984	29°849	48°	50°	38°	55°	286	357	84	96	WNW 1	SW 1	3	10	212		
Means	29°836	29°854	48°	46°	41°	53°	321	298	92°	91°	2°	2°	7°	6°	4°	654	

GELDESTON (BECCLES).

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

OCTOBER 1882.

1	29°878	29°806	64°1	61°4	57°1	68°0	*488	*490	82	91	SSW 3	S 4	7	8	*010	[Bungay, p. said to have been seen near
2	30°023	30°065	56°5	53°8	51°0	64°9	*368	*359	80	87	W 1	SW 3	1	0	*010	DE ² 7.15p. ESE. to SW. about 20° above
3	135	*308	56°0	48°2	47°8	61°9	*340	*307	75	92	W 2	W 1	1	0	—	ga. D ² 9p. [horizon. D ² 9p.
4	*409	*509	52°0	50°1	42°8	58°6	*358	*333	92	92	WNW 1	N 1	10	1	*010	D ² 9a. D ² 9a. D ² 9p.
5	*472	*348	58°0	57°1	47°9	60°4	*393	*376	81	80	NNE 3	ENE 4	8	10	—	D ² 9a.
6	*237	*130	56°9	56°9	55°3	59°7	*357	*352	77	76	ENE 4	E 3	9	10	—	D ² 9a.
7	*097	*122	56°1	51°9	50°2	59°8	*410	*359	90	93	E 1	E 1	10	1	*120	D ² 9p. T ⁰ 11.5 p.
8	*122	*126	54°0	45°2	44°8	58°7	*412	*299	99	100	Calm 0	Calm 0	10	1	*010	K ⁰ (from W.) 0.45a. 2.20p. 9a. 2.20p.
9	*167	30°142	53°0	51°1	40°0	65°6	*397	*375	99	100	Calm 0	Calm 0	0	0	*010	^ 0 early a. 2.20p. 9a. 2.20p. later.
10	30°103	29°953	50°0	52°1	39°9	61°6	*358	*458	99	98	Calm 0	E 1	1	10	*020	2 early a. 2.20p. 9a. 2.20p. 9p.
11	29°755	*518	58°9	57°3	55°1	59°2	*437	*461	88	98	SE 1	SSW 1	9	9	*270	ga. 2 Noon-7p. 2 Noon.
12	*471	*583	59°0	57°1	55°2	61°8	*480	*450	96	98	E 1	Calm 0	9	10	*740	
13	*733	29°880	54°1	55°5	52°2	57°1	*416	*424	99	96	Calm 0	ENE 2	10	10	*030	
14	*978	30°014	52°2	50°0	49°8	55°6	*308	*265	79	74	E 3	E 4	10	10	—	
15	*994	29°933	48°9	48°0	46°6	50°0	*260	*263	75	79	SE 1	ESE 3	10	10	—	
16	*792	*693	45°3	45°9	43°9	48°0	*247	*288	82	94	E 3	E 4	10	10	*320	from 5.30p.
17	29°795	29°982	46°9	47°5	45°3	48°6	*299	*316	94	96	ENE 2	NE 1	10	10	*020	
18	30°118	30°114	53°4	50°0	47°3	56°6	*340	*334	83	93	E 2	Calm 0	3	2	—	
19	29°984	29°780	52°8	53°0	46°0	54°8	*325	*340	81	84	SSE 3	SSE 4	10	10	*130	
20	*768	*830	50°2	52°7	49°9	60°9	*351	*349	97	88	W 1	S 1	7	8	*020	ga. D 10p.
21	*687	*439	54°0	54°1	49°9	54°5	*385	*414	92	98	S 2	S 4	10	10	*800	[Bar. 29.058. 8a. D 0p.
22	*083	*366	53°9	45°9	45°2	56°6	*389	*247	94	81	WSW 4	WSW 3	10	0	*070	Wind suddenly changed S-WNW.
23	*468	*527	46°0	44°0	38°8	54°9	*261	*248	85	86	WSW 2	SSW 1	1	0	*200	^ 0 8p. D 10.30p.
24	*331	*262	47°1	44°0	32°9	52°7	*297	*257	92	89	SE 3	W 6	10	10	*750	2 (force 10) during day. * 0 10p.
25	*539	*570	44°0	43°1	38°8	53°5	*246	*269	85	97	WSW 1	Calm 0	7	0	—	0 9a. 2.20p. D 2 p. [4p. U 0 p.
26	*571	*518	38°1	44°6	31°8	53°6	*225	*279	98	95	Calm 0	SSE 1	1	7	*010	2 a. U 7.30p.
27	*487	*481	49°6	50°1	43°1	52°5	*289	*311	82	86	ESE 1	ENE 3	8	10	*860	Mare's tails ga.
28	*460	*519	50°2	47°0	45°9	50°0	*330	*287	91	90	NE 3	NNE 5	10	10	*1180	all day.
29	*635	*879	48°1	41°0	40°7	53°7	*271	*235	81	92	N 3	WNW 1	7	1	*020	Highest flood known here for 50 years.
30	*859	29°647	45°0	50°2	36°4	51°6	*237	*356	79	98	SSW 3	SW 3	10	10	*100	
31	29°958	30°000	46°6	48°2	41°0	56°6	*278	*310	83	93	W 2	S 1	1	10	*020	D 2
Means	29°842	29°840	51°6	50°4	45°6	56°9	*340	*336	87°6	90°8	1°8	2°1	7°1	6°4	5°740	

CHELTENHAM.

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

OCTOBER 1882.

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.	63°	55°	54°	67°	ins.	ins.	90	83	S 6	S 3	5	10	ins.	Fine and windy till 6p., then 2°.	
2	29°784	29°777	56°	56°	55°	64°	371	386	82	85	SW 4	SW 6	3	4	100	Fine and windy. 2° 10p.	
3	29°989	29°971	56°	45°	45°	60°	371	298	77	98	SW 2	Calm 0	2	1	—	Beautiful autumnal day.	
4	494	551	52°	54°	49°	58°	365	401	93	93	Calm 0	N 1	10	8	—	Beautiful autumnal day.	
5	556	511	52°	45°	45°	57°	346	381	92	97	N 1	N 4	10	10	020	Fine till 6p., then showers.	
6	208	132	57°	54°	53°	62°	369	382	79	92	E 5	N 2	6	10	060	Squally ga. Very fine day.	
7	049	069	53°	53°	51°	60°	375	364	92	90	SE 2	Calm 0	9	3	—	Very fine till 6p., then 2°.	
8	102	099	50°	49°	45°	56°	345	338	94	97	SE 1	Calm 0	8	3	—	Very calm, even at altitude of 900 feet.	
9	150	30°131	50°	42°	40°	56°	357	274	93	100	W 1	Calm 0	10	0	—	Very fine day. 2° 9p.	
10	30°080	29°889	47°	55°	40°	58°	329	421	90	95	Calm 0	Calm 0	10	10	200	ga. Very fine day.	
11	29°602	492	57°	52°	51°	62°	451	360	95	92	S 5	S 2	10	10	400	Fine a. 2° 4p.-8p.	
12	515	616	46°	50°	37°	54°	308	345	99	96	Calm 0	Calm 0	10	10	140	ga. Very fine all day.	
13	748	923	50°	55°	48°	55°	35	557	98	98	Calm 0	Calm 0	10	10	070	Dull. 2° all day.	
14	072	092	54°	52°	52°	58°	369	321	87	82	E 2	E 2	8	10	010	Beautiful day.	
15	024	794	47°	51°	46°	52°	273	353	85	94	S 2	S 3	10	10	720	ga.-8.30p.	
16	630	29°611	46°	46°	45°	51°	302	283	95	94	SE 6	SE 2	10	10	400	Squally a. 2° all day.	
17	29°816	30°036	46°	44°	44°	47°	290	285	91	96	N 2	N 1	10	10	010	Dull. Lime trees quite bare.	
18	30°113	30°028	47°	48°	41°	54°	233	258	83	88	S 1	SE 3	4	10	090	Beautiful day.	
19	29°812	29°684	52°	51°	48°	54°	369	355	92	92	SE 3	SE 1	10	10	150	2° 6a.-5p.	
20	762	772	49°	51°	36°	58°	333	333	91	86	S 2	SW 3	7	7	040	Comet seen 4.30a. Beautiful day.	
21	479	364	52°	53°	48°	58°	338	381	87	94	S 1	S 2	10	10	370	till 11a., then bright.	
22	211	413	48°	44°	44°	54°	339	250	97	84	S 2	SW 2	10	4	090	2° a. Fine from 10a.	
23	489	518	47°	45°	44°	51°	271	267	85	88	SW 3	SW 4	7	0	1110	2° showers, with sunny intervals.	
24	040	455	38°	41°	32°	46°	225	234	97	91	N 7	W 2	10	3	080	2° 8.45a. Squally a. 2° 10a., [then 1° 89 in. 3a.-3p. Great flood.	
25	537	569	36°	32°	31°	50°	208	179	97	98	Calm 0	SW 1	5	0	010	ga. Ponds covered with ice a.	
26	509	581	41°	42°	30°	51°	225	258	85	94	SW 2	SW 2	3	3	050	Ponds covered with ice a. Fine till 4p.	
27	434	504	42°	42°	41°	49°	276	307	95	96	NE 2	N 5	6	10	350	Dull a. 7p. 2° 10p.	
28	597	737	48°	46°	45°	51°	286	258	86	84	N 5	N 4	10	10	010	Squally a. Dull day.	
29	854	944	39°	34°	34°	48°	218	102	92	96	W 1	N 1	5	5	010	Bright and sunny.	
30	29°795	746	50°	46°	33°	54°	312	292	87	94	SW 4	W 1	8	1	220	Dull day. 2° sp.	
31	30°003	29°889	46°	51°	36°	53°	277	343	88	90	SW 2	SW 7	5	10	020	Dull day. Heavy squalls from 6p.	
Means	29°820	29°835	49°	48°	45°	55°	321	321	90°	92°	2°	2°	7°	6°	5°	830	

MARLBOROUGH.

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

OCTOBER 1882.

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	53.8	53.8	60.0	in.	in.	%	%	S	2	10	10	ins.	p.
2	29.825	29.828	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
3	29.837	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
4	29.847	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
5	29.858	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
6	29.869	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
7	29.880	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
8	29.891	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
9	29.902	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
10	29.913	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
11	29.924	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
12	29.935	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
13	29.946	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
14	29.957	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
15	29.968	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
16	29.979	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
17	29.990	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
18	29.999	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
19	30.008	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
20	30.017	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
21	30.026	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
22	30.035	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
23	30.044	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
24	30.053	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
25	30.062	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
26	30.071	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
27	30.080	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
28	30.089	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
29	30.098	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
30	30.107	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
31	30.116	30.036	56.7	54.3	47.0	63.3	37.0	38.6	81	92	SSW	1	10	6	0.10	p.
Means	29.833	29.856	48.9	47.8	43.1	55.2	32.5	31.7	93.0	94.4	0.9	0.6	7.7	7.3	6.740	

MARGATE.

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

OCTOBER 1882.

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	29.810	29.814	62.0	61.0	58.7	67.8	49.3	48.5	76	91	SW	3	10	9	0.10	Fine bright day.
2	29.825	29.818	57.0	53.1	52.1	65.4	35.5	39.3	76	97	W	2	10	10	0.050	Fine day. W^2 6.15p.—7.45p.
3	29.837	29.825	55.7	51.9	50.1	61.6	36.0	33.4	84	86	SW	1	10	3	—	Fine and bright.
4	29.847	29.837	54.4	50.0	51.3	57.8	35.3	38.1	83	85	W	1	10	3	0.020	Fine, but windy. Rough sea.
5	29.858	29.847	53.1	50.0	54.7	60.0	39.9	36.6	84	78	E	3	10	10	0.10	Fine day. Dark night.
6	29.869	29.858	55.7	55.3	53.9	57.8	36.1	37.1	82	85	E	2	10	10	—	before ga. Dull day.
7	29.880	29.869	56.0	54.9	51.3	62.8	37.8	40.1	85	93	SSE	1	10	3	0.10	Warm and pleasant. W^2 at night.
8	29.891	29.880	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	Fine and bright. Beautiful sunset. W^2
9	29.902	29.891	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. Fine and bright.
10	29.913	29.902	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. Dull all day. W^2 (mist).
11	29.924	29.913	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. Dull day. W^2 3p. W^2 from 3p.
12	29.935	29.924	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. all the morning. Red sunset. W^2
13	29.946	29.935	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. Very dull. Colder.
14	29.957	29.946	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. Dull day.
15	29.968	29.957	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. all day.
16	29.979	29.968	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. nearly all day.
17	29.990	29.979	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. Dull day.
18	29.999	29.988	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. Fine and bright.
19	30.008	29.997	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. all day.
20	30.017	29.999	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. nearly all day. Sunny at noon.
21	30.026	29.999	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. Sunny day. Pretty cloud arch W^2 .
22	30.035	29.999	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. ga. W^2 11a. (heavy storm)
23	30.044	29.999	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. W^2 9.30a. and 2p. [11a.-5p.]
24	30.053	29.999	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. first of the season. W^2 3.15p.
25	30.062	29.999	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. Dull a. W^2 p. (gale).
26	30.071	29.999	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. (gale) W^2 all day.
27	30.080	29.999	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. Colder. W^2 at times.
28	30.089	29.999	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. Fine a. W^2 p.
29	30.098	29.999	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	D. Fine and sunny. Dark night.
30	30.107	29.999	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	
31	30.116	29.999	56.0	55.0	47.5	61.2	40.4	40.9	90	94	Calm	0	10	0	—	
Means	29.836	29.831	52.7	51.8	47.9	57.8	34.8	34.6	86.5	88.6	1.9	2.1	7.6	6.5	4.710	

STRATHFIELD TURGISS.

Height above Mean Sea Level, 195 feet. Long. 1° 0' W. Lat. 51° 20' N.

OCTOBER 1882.

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.	62.2	58.8	58.8	69.2	in.	in.	%	%	SW	1	SW	3	8	10	ins.	
2	29.875	29.869	58.7	55.6	43.1	65.0	39.1	38.9	80	88	SW	3	SW	3	0	0	0.015	mid-day. W. p.
3	30.054	30.070	58.7	55.6	43.1	65.0	39.1	38.9	79	92	W	3	NW	2	0	0	—	
4	29.223	29.372	55.7	45.2	45.9	62.2	34.9	30.7	79	92	W	3	NW	2	0	0	—	
5	29.489	29.519	63.8	52.4	39.4	58.7	36.4	35.6	87	90	NW	2	NE	1	10	1	0.054	a.
6	29.492	29.557	53.0	53.9	44.1	59.7	34.8	34.9	86	84	NE	3	NE	3	8	9	—	a. Squally W. p.
7	29.183	29.125	54.4	52.1	51.2	58.8	36.6	36.2	87	93	NE	2	E	1	10	10	2.068	
8	29.067	29.093	54.1	52.6	50.3	62.5	37.0	36.6	88	93	S	2	SE	1	8	8	—	a.
9	29.110	29.127	50.3	48.6	42.3	62.6	35.5	32.2	97	95	Calm	0	SE	1	10	1	—	ga.
10	29.177	29.159	52.4	46.4	43.5	64.6	38.5	30.1	98	96	Calm	0	SW	1	10	8	—	ga.
11	29.089	29.062	52.2	57.2	45.2	61.3	37.4	44.7	96	96	Calm	0	SW	1	10	9	0.091	ga. and p.
12	29.705	29.518	57.7	56.4	54.1	60.9	46.4	43.3	97	95	SW	2	W	1	10	9	2.31	
13	29.519	29.619	50.1	45.2	42.6	57.6	33.5	28.9	93	97	W	2	NW	1	5	10	—	
14	29.764	29.877	50.2	55.2	43.6	63.1	30.3	41.5	84	96	W	1	W	1	8	10	0.015	
15	29.967	29.026	54.4	49.9	49.3	57.8	36.6	33.3	87	91	E	1	E	1	10	10	—	
16	29.988	29.847	47.4	50.0	37.8	52.7	29.0	33.8	89	94	E	1	SE	2	10	10	1.021	
17	29.668	29.576	46.6	47.0	45.4	51.3	29.4	30.9	93	97	SE	2	SE	3	10	10	5.01	
18	29.778	29.011	46.8	47.7	45.9	49.1	31.1	28.5	97	87	NE	3	NE	0-1	10	10	0.058	
19	29.154	29.082	45.6	49.5	42.1	55.6	28.3	31.8	93	91	N	0-1	W	3	10	7	0.017	
20	29.877	29.696	53.7	53.3	48.3	55.6	36.7	38.5	89	95	S	2	SW	2	10	10	1.145	
21	29.816	29.838	47.6	49.8	42.9	59.0	30.9	32.9	95	92	W	0-1	W	2	2	5	3.68	a.
22	29.504	29.417	54.4	50.0	46.6	58.3	39.4	43.0	93	96	S	2-4	S	1	10	10	3.57	Squally a.
23	29.261	29.473	50.9	43.8	43.1	56.7	35.5	23.8	95	83	W	2	W	2	10	1	2.80	Squalls p.
24	29.529	29.583	46.4	42.8	38.7	55.2	35.1	23.8	81	87	W	3	SW	1	0	0	8.24	Squalls p.
25	29.987	29.478	54.4	41.8	36.7	56.3	39.4	23.7	93	92	SE	3-5	SW	2	10	1	2.54	Squally a. and p. *
26	29.564	29.606	45.3	36.4	35.1	52.8	27.6	20.9	92	97	SW	2	SW	0-1	8	0	—	
27	29.576	29.429	37.2	39.4	27.7	52.9	21.0	23.3	94	97	SW	2	SW	1	3	3	2.58	U p.
28	29.412	29.397	44.7	47.8	35.5	49.7	28.6	30.7	96	93	NE	3	NE	3	10	10	6.05	
29	29.472	29.641	48.0	47.0	46.2	49.8	30.5	27.5	92	86	E	3	E	3	10	10	3.32	
30	29.868	29.965	42.0	37.8	37.8	50.2	22.5	21.1	85	93	NW	3	NW	1	0	4	0.015	
31	29.888	29.740	47.8	50.0	31.5	54.3	30.7	32.2	93	90	SW	2	NW	3	10	0	1.91	
32	29.038	29.076	43.5	49.9	39.7	56.1	24.9	32.2	88	91	SW	1	W	2	0	3	0.06	
Means	29.840	29.851	50.4	49.1	43.0	57.4	33.4	32.5	90.4	92.0	1.9		1.7	7.4	6.1	5.948		

ST. LEONARDS.

Height above Mean Sea Level, 116 feet. Long. 0° 33' E. Lat. 50° 51' N.
OCTOBER 1882.

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.	61.6	61.6	59.3	65.0	ins.	ins.	92	92	SSW 3	S 5	7	10	ins.	0.08
2	29.940	29.844	59.9	58.7	52.2	62.7	389	420	75	86	SW 1	SW 4	1	0	0.097	W p.
3	29.909	30.129	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
4	29.923	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
5	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
6	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
7	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
8	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
9	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
10	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
11	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
12	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
13	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
14	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
15	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
16	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
17	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
18	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
19	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
20	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
21	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
22	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
23	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
24	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
25	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
26	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
27	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
28	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
29	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
30	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
31	29.940	30.171	59.9	58.7	52.2	62.7	389	420	75	86	WNW 3	W 1	0	1	—	—
Means	29.848	29.854	53.6	52.3	49.0	58.0	360	350	86.9	87.8	2.8	3.2	6.7	6.3	8.013	

BABBACOMBE.

Height above Mean Sea Level, 293 feet. Long. 3° 31' W. Lat. 50° 29' N.
OCTOBER 1882.

1	29.789	29.860	59.9	51.9	51.9	65.7	489	355	96	92	S 4	WSW 3	10	7	1.110	W p.
2	30.035	30.046	60.5	53.3	51.0	64.3	428	352	82	86	SW 4	WSW 3	7	9	1.170	W p.
3	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
4	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
5	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
6	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
7	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
8	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
9	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
10	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
11	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
12	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
13	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
14	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
15	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
16	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
17	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
18	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
19	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
20	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
21	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
22	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
23	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
24	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
25	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
26	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
27	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
28	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
29	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
30	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
31	29.773	29.773	54.1	48.8	45.5	63.9	348	315	82	91	W 3	W 2	8	2	—	W p.
Means	29.829	29.831	52.3	49.7	45.2	57.2	351	321	88.6	89.1	3.0	2.4	7.9	6.5	6.790	

ST. AUBIN'S, JERSEY.

Height above Mean Sea Level, 139 feet. Long. 2° 10' W. Lat. 49° 11' N.
OCTOBER 1882.

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.	62.3	60.3	55.0	67.9	ins.	ins.	90	93	S 3	W 1	9	10	ins.	Fine a. Temp. fell 11° 6p.—8p.
2	29.933	29.939	62.3	60.3	55.0	67.9	503	424	90	93	S 3	W 1	9	10	0.090	
3	30.154	30.178	61.2	58.5	53.3	67.0	420	411	78	83	SW 3	SW 3	0	0	0.157	Extremely fine day. ☞ 2.40p.—7.30p. at night.
4	324	470	63.1	54.2	51.9	65.3	378	353	66	84	NW 2	Calm 0	3	1	—	Extremely fine day. ☞ 0 p.
5	532	481	60.0	58.0	51.3	61.7	372	340	73	83	NNE 2	NNE 3	7	9	0.032	Clear a. Cloudy p. Temp. rising after 17p.
6	419	223	55.6	55.3	53.3	58.2	375	347	84	80	N 3	NE 2	2	9	0.350	Gloomy day.
7	084	064	55.5	55.6	52.2	58.7	362	372	82	84	ENE 4	ENE 3	9	10	0.004	
8	048	003	55.2	55.5	53.4	60.2	350	362	81	82	SE 3	SE 2	2	9	0.050	Very cloudy a. Fine p. ☞ p.
9	099	144	56.2	57.3	51.0	61.8	394	399	87	84	SE 2	SE 1	9	0	0.004	☞ p.
10	186	140	57.2	58.0	52.5	61.9	420	439	90	92	SE 1	NE 2	9	10	—	☞ a. Overcast day.
11	30.099	30.017	58.2	58.5	56.2	60.2	476	484	98	99	Calm 0	Calm 0	10	10	0.265	☞ a. Sunless day.
12	29.781	29.629	59.3	55.1	55.1	60.7	495	426	98	98	S 2	SW 2	9	10	0.461	☞ 10.10a.
13	576	606	56.3	51.4	48.9	59.9	309	343	68	90	SW 3	SE 2	4	2	0.180	Stars twinkling p.
14	773	29.939	58.4	52.0	48.2	61.0	375	340	77	87	E by N 3	Calm 0	2	0	0.003	☞ a. and p. Extremely fine day.
15	980	30.017	57.2	56.0	48.8	62.2	400	405	85	89	NNE 1	N 1	9	10	0.070	Comet well seen 4a.—5a. ☞ a.
16	582	29.866	59.3	57.3	54.1	59.3	405	455	81	97	SE 2	SW 2	6	10	0.427	
17	776	29.623	54.8	53.4	52.5	59.7	376	347	88	85	WSW 3	W 3	10	8	0.180	Gloomy day.
18	29.776	30.044	56.0	51.8	49.3	58.9	365	359	81	93	NNE 2	Calm 0	9	9	0.027	
19	30.145	30.084	59.0	57.5	50.4	62.6	354	372	71	78	N 1	SE 3	1	10	—	☞ a. Extremely fine till 3p.
20	29.866	29.811	56.1	53.0	52.2	57.7	364	374	80	93	S by E 4	Calm 0	10	5	0.610	☞ a. Fine morning. ☞ p.
21	893	927	58.1	55.3	49.4	60.0	387	375	79	86	SW 3	SW 3	3	9	0.300	☞ n. and a. Bar. 29.383 4.20a.
22	673	565	56.0	56.2	53.8	59.8	413	410	92	91	SW 3	SW 3	10	2	0.484	[Day gloomy. ☞ ☞ at times p.
23	502	671	54.8	49.2	48.6	59.8	297	296	70	85	WNW 4	W 4	8	4	0.370	☞ a. Squally. ☞ at times p.
24	701	726	54.0	53.2	46.1	57.6	273	235	66	78	W b. N 4	W 5	5	8	0.350	☞ 2 (gale) n. and a. Bar. 29.215 8a.
25	310	655	49.3	51.7	47.2	57.3	294	296	84	78	W 8	W 5	9	4	0.194	[☞ ☞ p. ☞

MARKREE CASTLE, SLIGO.

Height above Mean Sea Level, 131 feet. Long. $8^{\circ} 27' W.$ Lat. $54^{\circ} 11' N.$

OCTOBER 1882.

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	47°4	40°6	61°2	in.	in.	°/o	°/o	SE	5	SE	3	10	3	ins. "Wind SSW, force 8, 3p.
2	29°096	29°440	51°9	47°1	44°6	58°9	°449	°277	83	85	SE	3	SE	3	10	5	Bar. 28°875, 2p. (3p. Squally p.
3	29°599	29°752	51°9	47°1	44°6	58°9	°339	°302	85	93	SE	4	WSW	3	10	5	°236 0.30p.
4	30°122	30°367	52°3	54°1	45°3	58°0	°334	°365	85	86	Calm	0	Calm	0	10	10	°010
5	°568	°670	55°3	53°1	52°3	58°8	°349	°329	80	81	NW	2	Calm	0	10	10	—
6	°654	°508	52°1	54°7	49°6	58°2	°324	°382	83	90	Calm	0	Calm	0	10	10	—
7	°418	°309	55°6	52°2	45°7	60°4	°347	°335	78	86	ESE	3	SE	2	7	0	—
8	°181	°073	51°3	50°9	45°3	55°4	°322	°351	85	88	NE	3	Calm	0	10	10	°014
9	°051	°079	52°3	49°6	43°5	61°1	°373	°319	95	90	Calm	0	Calm	0	10	10	—
10	30°120	30°097	46°7	45°6	42°5	51°4	°307	°297	96	97	SE	2	Calm	0	10	10	°250 a. and p.
11	29°068	29°058	50°5	53°1	43°3	57°6	°334	°379	91	93	SE	3	SE	3	10	10	°070
12	°409	°299	47°9	48°1	40°6	56°8	°308	°294	93	88	SE	2	SE	3	10	10	—
13	°631	°792	52°1	46°3	39°3	58°7	°314	°297	79	95	N	1	Calm	0	0	0	—
14	°892	°945	53°1	53°2	40°3	59°9	°357	°347	88	85	Calm	0	Calm	0	5	10	—
15	°013	°754	56°3	55°4	52°3	59°3	°418	°401	92	92	SE	3	S	2	10	10	°270
16	°819	°762	52°9	40°1	39°3	57°2	°305	°231	76	93	Calm	0	Calm	0	8	0	—
17	°741	°840	45°3	38°1	31°9	57°9	°257	°215	85	94	Calm	0	Calm	0	2	0	—
18	°841	°975	46°4	42°3	38°1	55°4	°282	°246	90	92	Calm	0	SE	2	10	3	—
19	°855	°525	49°4	52°4	40°5	58°9	°289	°358	83	91	SE	5	SE	7	10	10	°436 Squally p.
20	°531	°535	52°2	48°9	47°7	57°1	°353	°304	91	88	SSE	5	S	2	10	10	°038
21	°536	°528	50°3	43°1	40°7	54°6	°324	°261	89	93	SE	2	SE	3	5	0	—
22	°274	°225	47°1	45°5	39°6	56°4	°302	°277	93	91	SSE	1	Calm	0	10	10	°134
23	°186	°208	46°1	43°1	39°3	52°5	°254	°239	82	85	S	2	Calm	0	4	8	—
24	°188	°331	45°5	41°1	40°3	51°2	°277	°222	91	87	S	2	Calm	0	10	7	—
25	°300	°415	41°1	34°1	33°1	51°1	°247	°183	96	92	Calm	0	Calm	0	10	0	—
26	°485	°482	36°9	36°1	23°4	49°9	°207	°202	95	95	Calm	0	Calm	0	5	1	—
27	°428	°427	36°3	36°9	29°6	50°4	°214	°194	100	89	Calm	0	Calm	0	10	0	—
28	°647	°841	46°4	40°5	31°2	51°9	°267	°208	85	83	NE	2	Calm	0	10	1	—
29	°981	°986	44°8	32°1	31°1	53°4	°247	°169	83	93	Calm	0	Calm	0	0	0	—
30	°936	°710	37°1	45°1	27°3	46°4	°156	°281	71	93	Calm	0	Calm	0	10	10	°188
31	°603	°744	47°2	43°6	39°6	54°4	°284	°255	89	89	Calm	0	Calm	0	4	0	—
Means	29°769	29°767	43°5	46°0	40°2	55°7	°302	°286	87°5	90°1	1°5	1°1	8°0	5°7	2°705	—	—

DUBLIN.

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

OCTOBER 1882.

[illegible]

BIRR CASTLE, PARSONSTOWN.

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
















OCTOBER 1882.

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°0	49°7	48°0	64°7	in.	in.	%	%	SSE 7	S 0°5	10	0	ins.	[day, trees blown down.
2	29°12	29°54	56°2	48°9	44°9	57°5	*453	*290	88	80	S 2°5	WNW 2	4	10	—	☼ Squally a. ☼ ² (strong gale) all
3	30°197	30°402	51°7	53°5	46°0	57°0	*324	*367	85	89	WSW 1	SW 1	4	10	*304	Squally ga. and gp.
4	*607	*669	53°6	53°8	47°0	60°6	*358	*348	87	84	W 0°2	WNW 0°4	10	10	—	—
5	*645	*493	51°5	53°1	50°0	59°6	*325	*376	85	93	NNW 0°5	WNW 0°3	10	4	—	☼ ga.
6	*366	*246	53°5	51°4	45°7	60°0	*373	*336	90	89	NNE 1	NE 1	7	0	—	—
7	*120	*037	51°2	52°3	46°9	55°0	*348	*357	93	91	NNE 1	NE 0°3	10	10	*050	☼ ⁰ (mist) all day.
8	*048	*090	54°2	50°7	45°8	58°0	*345	*350	82	94	SE 0°5	SE 0°5	7	10	*318	☼ 1p.—gp.
9	30°140	30°099	50°0	49°7	47°0	59°1	*337	*334	94	94	S 0°2	E 0°3	8	0	—	Gloomy all a.
10	29°069	29°720	53°0	53°1	43°5	60°0	*347	*354	86	87	SSE 1	SSE 0°5	10	10	*185	☼ ⁰ (mist) all day.
11	*490	*313	48°0	48°0	47°2	57°1	*312	*297	94	90	Calm 0	SE 1	10	10	*065	☼ a.
12	*597	*787	49°8	49°3	42°4	57°6	*300	*311	85	89	NNE 1	Calm 0	2	10	—	☼ all a. Very close and gloomy gp.
13	*900	*967	50°0	55°2	42°3	59°2	*337	*407	94	93	Calm 0	Calm 0	10	10	—	☼ a. Very close all day.
14	*940	*791	56°0	55°4	53°3	60°9	*405	*410	90	94	Calm 0	SE 1	10	10	*306	☼ ⁰ (mist).
15	*858	*786	50°2	41°9	41°9	56°3	*310	*233	86	88	W 0°3	Calm 0	2	0	—	☼ before ga.
16	*739	*804	40°8	48°0	32°3	56°4	*221	*299	88	90	Calm 0	Calm 0	0	10	—	☼ a.
17	*938	*995	41°7	43°3	36°2	52°0	*248	*244	94	87	Calm 0	SE 1	10	2	—	☼ Squally ☼ all day.
18	*886	*880	50°9	54°3	37°9	54°5	*279	*374	76	88	SE 4	SE 5°5	10	10	*743	☼ ⁰ 2p.
19	*569	*603	50°8	46°6	46°3	58°4	*344	*292	92	93	SSW 0°4	SE 0°4	6	10	—	Squally ☼ ☼ during day.
20	*605	*607	50°5	43°4	42°1	55°0	*304	*262	83	93	S 0°5	SSE 1	5	0	*251	☼ ⁰ (mist) a.
21	*322	*279	50°0	46°5	40°9	54°6	*334	*274	93	87	SSE 1	Calm 0	10	10	*134	☼ ⁰ (mist) gp.
22	*260	*308	46°2	42°5	41°5	49°9	*259	*241	84	89	W 0°5	SSW 1	8	7	*206	☼ ⁰ (mist) a.
23	*318	*408	47°7	41°5	41°0	51°0	*264	*241	81	92	S 1°5	SSW 1	9	3	*075	☼ ⁰ (mist) a.
24	*325	*460	40°7	37°2	32°0	51°5	*220	*206	90	93	Calm 0	S 1	2	0	*210	☼ ⁰ (mist) gp.
25	*501	*506	37°0	36°4	29°7	49°5	*195	*200	89	93	S 0°3	SE 0°2	9	0	*021	☼ ⁰ (mist) all day. ☼ gp.
26	*420	*400	33°6	33°4	28°7	48°4	*151	*183	78	96	Calm 0	Calm 0	4	5	—	☼ p.
27	*565	*788	44°5	42°5	29°9	49°9	*249	*232	85	85	N 2	NW 2	8	5	—	☼ ⁰ (mist) gp.
28	*951	*056	38°5	35°9	32°6	51°6	*213	*197	92	95	Calm 0	Calm 0	0	1	—	☼ gp.
29	*952	*802	34°7	47°5	28°4	48°2	*142	*290	71	88	Calm 0	WSW 1	10	7	*210	☼ a. Squally gp.
30	*669	*810	47°6	43°4	42°6	53°4	*295	*255	90	91	WSW 1	WSW 0°5	8	3	—	☼ ⁰ (mist) gp.
31	29°899	29°575	43°1	52°0	38°4	52°3	*248	*351	89	90	SSE 1	SSE 3°5	10	10	*212	☼ ⁰ (mist) ga.
Means	29°797	29°796	48°0	47°1	41°0	55°5	*297	*296	86°8	89°9	0°9	0°9	7°3	6°0	3°380	

KILLARNEY.

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

OCTOBER 1882.

1	29°03	29°591	63°6	49°9	49°9	63°8	*477	*306	81	86	SSE 9-10	WSW 2	8	4	'319	Squally  2. Most destructive gale.
2	29°07	29°70	56°2	51°4	48°5	58°8	*348	*305	77	81	SSW 6	W 1	10	7	'490	Squally  a.  p.
3	30°241	30°468	54°6	53°6	48°9	58°5	*318	*361	75	88	WNW 5	NW 1	9	2	'010	 ∞
4	'630	'681	52°9	52°1	43°8	57°4	*370	*352	93	90	NW 1	Calm 0	9	9	—	Dull day. ∞ gp.
5	'616	'456	51°1	52°9	42°8	56°6	*331	*387	88	97	NNE 0-1	Calm 0	10	5	—	∞ ga. and gp. Dull day.  p.
6	'327	'212	50°6	50°9	41°6	58°4	*333	*344	90	93	ENE 0-1	Calm 0	10	1	—	∞ ga. and gp. Dull day.  p.
7	30°102	'012	48°8	51°9	44°8	56°1	*319	*362	93	94	Calm 0	E 0-1	10	10	'090	∞ ^a a. Gloomy day.
8	29°999	'056	53°9	47°9	47°3	56°8	*367	*324	88	98	ESE 2	Calm 0	7	7	—	
9	30°105	30°075	51°1	48°9	39°7	60°5	*373	*317	99	93	SSE 2	SE 2	4	6	'040	
10	29°895	29°745	55°9	54°6	48°9	60°3	*385	*395	87	93	SSE 3	Calm 0	10	10	'230	
11	'495	'305	52°9	50°1	47°5	56°0	*312	*316	78	87	NW 4	SW 2	8	10	'509	
12	'585	'795	50°4	40°9	40°9	56°5	*318	*234	87	92	N 3	Calm 0	10	0	'010	
13	'875	'945	49°0	45°9	33°4	59°5	*343	*297	99	97	Calm 0	Calm 0	10	0	—	
14	'905	'835	53°1	52°1	45°5	57°8	*373	*360	92	92	SSW 1	SW 3	10	10	'160	
15	'875	'755	48°6	38°9	36°1	59°8	*292	*226	86	96	Calm 0	Calm 0	1	0	'060	
16	'725	'835	48°1	48°6	32°5	55°8	*317	*309	96	91	Calm 0	Calm 0	10	1	'060	
17	'905	'915	51°1	49°9	42°8	58°5	*321	*286	84	80	Calm 0	SE 3	2	1	'160	
18	'735	'435	52°9	58°0	39°2	58°0	*344	*416	86	86	SE 6-7	SW 3	10	10	1°590	 (gale from SE, and S.)  2.
19	'555	'605	52°9	51°9	39°2	60°3	*344	*331	86	86	SE 1	Calm 0	10	10	'270	
20	'595	'575	51°9	44°9	33°8	55°5	*334	*279	86	94	SW 1	Calm 0	8	7	'555	
21	'361	'275	52°3	48°9	43°3	53°5	*290	*318	75	93	W 3	Calm 0	6	10	'439	
22	'332	'366	46°5	47°7	41°9	51°2	*251	*257	80	78	W 4	W 4	6	9	'248	Squally gp.  n. and all day.
23	'405	'426	44°6	44°9	43°9	51°1	*265	*270	90	91	WSW 5	W 1	10	9	'260	Squally  8a. Fine day.
24	'358	'465	44°4	38°5	37°6	52°6	*263	*221	90	95	Calm 0	SW 0-1	6	3	'030	 a.  3p.  U.
25	'488	'475	44°3	35°5	32°9	51°8	*252	*199	86	97	SE 0-1	E 0-1	1	6	'075	Threatening appearance a.
26	'387	'366	44°4	39°0	35°1	51°3	*269	*236	92	99	SE 0-1	Calm 0	9	10	—	∞  (mist) p.
27	'572	'805	41°1	40°1	29°9	47°7	*234	*236	91	95	NNE 5	N 2	1	9	—	∞ a. Cold.
28	'954	'953	41°4	36°1	30°8	51°1	*238	*211	91	99	N 2	NNE 1	1	9	—	Dull and overcast.
29	'914	'833	47°4	43°6	33°8	52°2	*284	*272	87	96	S 1	E 0-1	10	9	'150	
30	'715	'912	49°4	46°9	35°6	52°6	*336	*274	96	86	Calm 0	Calm 0	10	2	'200	
31	29°871	29°512	47°9	54°1	37°4	55°0	*318	*373	66	89	SW 1	SW 3	10	10	'600	Gloomy, with  .
Means	29°781	29°795	50°1	47°4	40°3	56°0	*320	*302	87°9	91°4	2°2	0°9	7°8	6°0	6°555	

NOTE.—The barometer readings 9p. 9th—9p. 20th, are by an aneroid, which gives results within .015 inch of the truth.

DUNROBIN CASTLE.

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

NOVEMBER 1882.

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	50°7	36°6	51°5	ins.	ins.	91	92	SE	E	—	—	ins.	Dull, with showers.
2	29°559	29°215	42°4	42°2	34°7	50°7	252	250	93	92	N	NE	—	—	0.06	—
3	29°415	28°967	44°6	44°9	33°5	50°7	243	276	82	93	SE	SW	—	—	0.04	Clear a. Dull p.
4	28°859	29°264	42°9	46°4	35°1	49°7	241	271	87	87	NW	SW	—	—	0.25	Dull a. showers p.
5	29°397	29°465	44°4	41°2	39°8	48°3	246	225	84	88	W	W	—	—	0.11	Dull, with showers.
6	29°777	29°766	42°6	35°1	33°7	48°3	219	170	81	87	NW	NE	—	—	—	Dull a. Clear p.
7	29°628	29°185	37°6	47°5	30°5	47°5	211	281	94	87	NE	NW	—	—	0.13	— a. Dull.
8	29°098	28°998	36°3	38°9	32°5	47°5	201	172	94	73	N	NW	—	—	—	Fine and clear.
9	28°987	29°268	38°6	39°2	37°6	45°3	207	228	89	95	NW	NW	—	—	—	Dull a. Clear p.
10	29°365	29°405	33°8	40°4	32°5	44°5	168	214	86	86	NW	NW	—	—	0.40	—
11	29°607	29°995	41°9	42°4	37°6	49°7	226	177	86	65	NW	W	—	—	—	Dull a. Clear p.
12	30°091	30°180	36°5	40°9	34°7	49°3	210	156	98	60	N	NW	—	—	—	Dull a. Fine p.
13	29°273	29°297	33°8	32°5	31°3	47°3	180	170	92	92	N	E	—	—	—	— a. Fine and clear.
14	30°273	30°123	33°5	40°9	28°0	43°3	164	209	85	82	N	W	—	—	—	Fine day.
15	29°875	29°639	41°9	42°4	40°5	43°5	226	231	86	86	S	S	—	—	0.04	Fresh, cold wind.
16	29°770	30°028	44°4	43°9	37°8	45°3	230	212	79	74	E	SE	—	—	—	Fresh wind a. p.
17	29°969	29°827	31°5	35°3	28°5	43°9	176	199	100	96	NW	NW	—	—	—	Clear.
18	29°621	29°167	39°4	42°4	35°3	44°3	242	252	100	93	S	SW	—	—	0.44	—
19	29°100	29°130	37°4	31°3	31°3	43°5	204	152	91	87	W	NW	—	—	—	Clear and cold.
20	29°805	29°578	30°3	39°6	28°7	42°3	157	209	93	85	NW	E	—	—	0.13	Clear.
21	29°729	29°452	38°4	37°9	28°5	41°8	212	217	92	96	S	E	—	—	0.38	Dull and mild.
22	29°125	29°273	41°4	42°6	37°8	43°5	242	245	93	89	N	NE	—	—	0.04	Dull, with a. Fine p.
23	29°165	28°922	40°4	42°2	37°6	44°0	230	235	92	87	NW	W	—	—	0.25	Dull, with a. Fine p.
24	28°880	28°827	39°9	30°5	28°5	44°3	201	161	82	95	N	W	—	—	—	Dull a.
25	28°828	28°831	32°3	35°3	29°5	39°5	161	206	88	100	NW	W	—	—	0.11	Dull p.
26	29°075	29°415	36°1	39°6	35°3	40°3	196	204	92	84	N	NE	—	—	0.50	Dull and cold.
27	29°487	29°736	33°3	39°4	32°5	40°5	170	218	89	91	W	NW	—	—	0.26	showers.
28	29°036	29°853	34°3	39°6	31°7	40°7	159	169	80	70	SW	SW	—	—	0.17	Fine a. Dull p.
29	29°670	30°088	36°3	37°4	35°8	42°5	197	204	92	91	SW	SW	—	—	0.17	Dull, with a.
30	30°237	30°138	34°3	31°5	31°0	42°7	159	154	80	87	W	N	—	—	—	Cloudy and cold.
Means	29°518	29°512	38°3	39°8	33°6	45°2	209	214	89°0	86°4	—	—	—	—	3°660	

BRAEMAR.

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

NOVEMBER 1882.

1	29°492	29°220	45°3	46°8	32°6	48°3	279	304	92	95	SE	SE	0°5	10	10	350	Dull, with ☉.		
2	*410	*372	42°6	43°3	39°6	47°5	229	235	84	84	SW	SW	6	7	3	*280	Fair a. ☉ p.		
3	*472	*044	39°3	41°0	35°7	47°7	200	211	84	83	SW	SW	8	2	4	*890	Fair a. ☉ p.		
4	*028	*333	38°8	42°4	36°7	45°5	*199	*216	84	80	W	SW	6	7	3	*090	Stormy, with ☉ showers.		
5	*415	*505	41°2	37°9	37°5	43°7	*223	*198	87	87	W	SW	1	7	6	*200	Dull, with ☉.		
6	*838	*779	38°6	36°9	36°4	42°7	*196	*194	84	89	SW	SW	1	7	3	*030	Fair a. ☉ p.		
7	*689	29°154	30°7	39°6	28°1	41°0	*151	*219	88	90	SW	SW	6	8	10	*030	Fair a. ☉ p.		
8	29°076	28°841	34°7	34°7	33°7	40°7	*182	*188	90	93	W	NE	1	7	10	*280	Fair a. * and * ☉ (sleet) p.		
9	28°994	29°227	36°0	36°4	34°4	40°3	*173	*187	81	87	NW	NW	2	7	10	*350	* ☉ showers.		
10	29°384	*411	32°7	26°0	25°1	39°5	*145	*131	77	93	W	SW	0°5	1	3	*010	Fair and clear.		
11	29°683	29°069	32°3	33°7	26°0	42°7	*171	*180	93	92	SE	SE	1	4	4	—	Fair and clear.		
12	30°101	30°174	28°7	31°4	25°0	39°1	*135	*160	86	91	SE	SE	0°5	7	9	—	Dull and dark.		
13	*276	*344	30°3	25°7	25°4	37°8	*154	*101	91	73	SE	SE	0°5	6	0	—	Bright.		
14	30°314	30°178	28°1	35°5	24°4	38°6	*142	*174	92	84	SE	SE	0°5	SW	0°5	7	7	—	Fair a. * p.
15	29°906	29°603	35°5	34°2	32°4	36°6	*174	*188	84	95	SE	SW	1	SW	1	7	10	*260	Fair a. * p.
16	29°707	30°011	33°7	31°5	31°4	35°6	*159	*166	82	94	NE	NE	2	10	8	—	Fair a. * p.		
17	30°025	29°891	21°0	31°1	21°0	32°0	*103	*165	91	95	E	E	0°5	7	7	—	Fine.		
18	29°739	*227	32°0	35°5	30°6	35°6	*160	*187	88	90	SW	SW	4	SW	4	8	9	*770	Fine a. Curling commenced.
19	*172	*172	32°7	26°7	25°4	37°4	*161	*145	87	100	SW	SW	0°5	4	2	—	Fine and clear.		
20	*285	*567	19°5	26°5	18°4	32°7	*079	*119	76	84	SW	SW	0°5	SW	1	4	7	*060	Fine and clear a. * p.
21	*718	*556	34°7	33°2	26°4	39°2	*192	*190	95	100	NW	W	0°5	SW	0°5	8	9	*600	—
22	*128	29°222	34°7	39°6	26°4	48°3	*188	*223	93	92	W	W	1	W	1	10	7	*100	☼ ga.
23	29°227	28°944	35°7	43°3	35°7	43°7	*198	*237	95	84	W	SW	4	SW	4	6	7	*080	—
24	28°971	*937	36°1	32°0	31°4	43°3	*203	*175	95	96	NW	SW	1	SW	1	6	7	*030	Dull.
25	28°885	28°835	33°5	33°5	31°2	39°5	*176	*176	92	92	SW	SW	1	SW	1	6	9	—	* and * ☉ (sleet).
26	29°030	29°350	33°7	33°7	32°4	36°0	*194	*194	100	100	W	NW	6	NW	6	10	10	*440	* and * ☉ (sleet).
27	29°573	*650	30°3	35°1	30°3	36°2	*141	*195	83	95	W	W	1	N	6	10	10	*160	* and * ☉ (sleet).
28	30°055	*945	31°9	29°0	28°7	35°6	*177	*123	97	78	SW	SW	1	SW	0°5	7	9	—	Dark and damp.
29	29°754	29°939	31°0	36°0	27°1	39°0	*166	*204	96	96	SW	NW	6	SW	0°5	10	10	*510	☼
30	30°240	30°222	31°7	16°5	15°2	36°8	*172	*088	96	96	NW	SW	0°5	SW	0°5	6	3	—	Fair.
Means	29°586	29°521	33°6	34°3	29°5	40°9	*174	*182	88°8	90°3	1°5	2°3	6°6	6°9	5°520				

LAUDALE.

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

NOVEMBER 1882.

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.	all day. (mist) 9p.	
2	29°351	29°227	52°1	46°0	44°8	53°3	334	327	85	95	S	5	S	6	10	10	890	Dull, with (mist). T 3.15p.
3	29°329	29°209	48°8	47°8	43°4	51°6	320	312	93	94	S	6	S	3	10	10	660	[with 2a. from noon. 17p.
4	29°456	29°020	47°8	47°0	43°2	50°6	288	275	87	86	SSW	3	SSW	6	8	7	1360	all day. n. and all day. 17p.
5	28°984	29°457	48°2	49°0	42°0	50°8	307	294	92	85	SW	9	WSW	6	10	10	490	2a. * ga. * p. Wind backed SW. to W. during day.
6	29°372	29°623	44°3	43°2	41°8	49°3	261	253	90	90	E	1	W	2	10	4	260	ga.—9p. * and * (sleet) showers.
7	28°854	29°758	45°5	44°5	41°0	47°8	270	259	89	89	SW	2	SW	2	10	10	250	(whole gale) during day.
8	29°574	29°116	44°2	41°3	37°4	45°8	253	236	87	92	SSE	5	S	4	10	10	030	(gale) n. * showers. [sp.
9	29°021	28°861	39°5	38°2	35°4	42°0	232	218	96	95	S	2	S	2	9	7	130	* showers a. (gale) noon—
10	29°075	29°325	40°0	42°0	35°0	43°4	245	212	99	80	Calm	0	SW	4	10	5	330	* * showers. [sp.
11	29°380	29°482	43°0	35°1	33°3	43°0	255	183	92	89	ESE	2	ESE	1	8	1	140	* * showers. [sp.
12	29°696	29°956	41°8	34°0	32°0	42°6	247	196	94	100	Calm	0	Calm	0	9	0	—	(mist) a. * all the evening.
13	30°081	30°141	38°0	35°8	31°4	43°2	197	195	86	93	E	1	Calm	0	2	1	—	n. and till 5a. * (sleet) showers. [sp.
14	29°232	29°334	38°0	35°0	33°0	38°2	208	184	91	90	E	2	E	1	4	0	—	Dull till 10a. T 6p.—8.30p. [sp.
15	30°239	30°097	39°0	41°2	34°0	42°0	195	193	83	75	ESE	6	SE	6	1	5	—	a. all day. Heavy squalls at night.
16	29°744	29°486	40°2	41°8	38°5	42°0	191	205	77	78	SE	9	S	5	10	10	020	2 till 4.30p., then and calm.
17	29°681	29°905	41°0	37°8	32°5	42°2	225	146	88	64	E	3	Calm	0	10	0	—	Dull a. * showers.
18	29°934	29°793	38°0	40°0	32°0	42°8	182	226	78	92	ESE	4	SSE	5	10	0	050	Dull and gloomy. [U 10p.
19	29°646	29°366	41°0	44°2	37°0	51°4	257	100	87	54	SSE	4	W	7	10	1	1020	Dull, with till 6p. T 2 from 8p.
20	29°202	29°146	41°2	35°2	34°5	46°1	210	202	82	98	WNW	1	WNW	1	9	2	550	* * a. Squally. Much (mist) from E. after 1p.
21	29°203	29°621	36°2	36°0	33°2	39°6	210	184	98	87	E	2	NW	1	10	5	030	* * a. Gloomy. Clouds from NE.
22	29°792	29°434	39°8	42°2	34°0	42°2	226	261	93	96	N	1	WNW	2	10	7	1690	Sky very red a. from 1.30p. 19p.
23	29°169	29°399	51°8	46°2	42°2	52°2	385	290	100	93	W	4	W	3	10	9	320	n. * a. U p.
24	29°118	29°020	49°1	46°0	43°5	51°8	321	292	92	04	W	4	SW	5	10	10	390	Gloomy. * showers.
25	28°990	28°932	41°0	37°8	32°2	47°2	215	142	84	63	W	5	W	1	10	7	680	* showers. Deep snow on hills.
26	28°893	28°866	39°0	34°2	33°9	40°5	218	192	92	97	W	4	WNW	6	9	10	800	* showers.
27	29°174	29°561	44°3	40°5	32°0	45°0	243	191	83	76	WNW	7	NNW	5	10	2	120	* a. (gale) through day.
28	29°599	29°812	38°0	40°2	34°2	42°3	204	235	89	94	NW	7	NW	6	9	9	290	* a. and p.
29	30°104	29°797	36°8	39°7	33°8	43°0	188	220	87	99	Calm	0	SSE	6	10	10	830	Sky red to E. a. from 7p.
30	29°810	30°182	43°0	40°3	33°7	46°3	259	210	94	84	WSW	3	NW	4	10	9	040	* * a.
31	29°228	29°059	31°0	35°0	29°1	40°4	153	168	88	82	Calm	0	S	1	1	7	—	
Menns	29°531	29°528	42°1	40°6	36°1	45°3	243	224	89°6	87°5	3°4		3°2	8°6	6°3	12°270		

ROTHESAY.

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

NOVEMBER 1882.

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.	51.0	45.1	43.4	52.2	ins.	ins.	98	97	SE	W	—	Dull, with ●.
2	29.406	29.367	51.0	45.1	43.4	52.2	336	293	98	97	SE	SW	—	● a. Fair p. K 8.10p.—8.30p.
3	29.378	29.348	49.0	47.2	42.1	52.9	340	325	98	100	SSW	SW	—	Dull a. ○. ● p.
4	29.324	29.283	48.3	48.3	42.6	51.4	311	311	92	92	SSW	SW	—	● showers. Blowy. ∞.
5	29.328	29.283	49.0	48.0	42.6	51.4	327	281	94	85	SSW	SW	—	● all day.
6	29.403	29.367	44.3	42.1	40.1	55.0	289	248	99	93	E	WNW	—	● showers.
7	29.177	29.100	45.1	41.1	38.1	48.9	261	238	87	93	WNW	Calm	—	● all day.
8	29.056	29.205	40.7	43.1	35.2	47.7	233	237	92	85	NE	SW	—	● showers.
9	29.097	29.050	42.6	34.3	32.7	44.0	223	192	82	97	S	NW	—	Dull, with ● p.
10	29.092	29.059	39.1	39.1	33.2	45.0	235	200	98	84	NW	NW	—	● all day.
11	29.438	29.384	41.1	36.5	32.2	46.3	220	208	85	97	SW	E	—	● 2 showers.
12	29.701	29.670	41.4	36.0	30.2	51.9	219	199	85	94	NNW	Calm	—	Dull, with ●.
13	30.084	30.148	38.1	37.1	31.8	45.5	205	201	89	91	NE	E	—	Fine p.
14	29.252	29.209	36.5	39.1	34.2	46.0	195	219	91	92	NE	E	—	W in NW p.
15	30.282	30.162	37.1	37.7	32.7	47.4	179	178	81	78	SE	E	—	W a.
16	29.832	29.486	38.1	37.6	30.7	40.6	191	196	83	87	SE	SE	—	Dull and cold.
17	29.576	29.548	38.6	36.0	35.7	41.5	214	195	92	82	NE	NE	—	Cloudy and cold.
18	29.094	29.094	34.0	37.1	32.4	43.5	176	192	89	87	E	SE	—	Fine. ○. W to NE p.
19	29.703	29.703	42.1	45.1	36.2	49.9	238	256	89	85	SSE	W	—	Dull, with ● and (gale).
20	29.279	29.279	40.1	36.0	34.7	46.0	208	201	84	95	W	W	—	Dull, with ●.
21	29.236	29.236	38.4	36.0	31.2	44.5	226	167	98	78	Calm	N	—	Dull.
22	29.820	29.820	36.0	39.7	31.2	44.5	195	232	92	95	Calm	Calm	—	Dull. ● p.
23	29.218	29.218	41.0	48.0	38.4	51.5	369	302	99	91	W	WNW	—	● a. Fair p.
24	29.268	29.268	49.0	47.0	44.1	50.9	332	323	96	100	SW	WNW	—	Dull.
25	29.069	29.069	40.4	44.1	35.7	47.9	228	212	91	73	W	WNW	—	Dull, blowy, and cold.
26	29.979	29.979	38.3	37.4	35.7	44.1	207	204	90	91	SW	NW	—	* (sleet) showers. Gusty
27	29.130	29.130	41.3	39.1	33.2	45.0	236	182	92	77	NW	NW	—	* (sleet) showers. Wind. < all night.
28	29.664	29.664	33.5	39.1	31.2	40.0	182	209	95	88	NW	NW	—	* (sleet) showers.
29	30.121	30.121	34.3	39.1	31.7	40.5	163	219	82	92	SE	SW	—	Dull and mild. ○.
30	29.756	29.756	38.9	37.6	34.7	46.5	225	187	95	83	NW	W	—	● showers.
31	30.237	30.237	31.0	34.0	29.2	41.0	148	176	85	89	Calm	E	—	Fine p.
Means	29.575	29.556	40.9	40.3	35.2	46.8	228	226	90.8	89.4	—	—	—	8.490

PINMORE.

Height above Mean Sea Level, 187 feet. Long. 4° 59' W. Lat. 55° 14' N.

NOVEMBER 1882.

1	29.411	29.307	50.8	46.1	45.3	52.1	346	279	93	90	S	S	—	—	670
2	29.438	29.368	50.3	48.4	44.8	52.6	346	307	95	91	S	S	—	—	500
3	29.556	29.478	43.8	47.9	43.4	51.6	250	258	88	78	NW	S	—	—	600
4	29.224	29.609	46.7	46.9	44.8	52.1	261	248	82	78	W	NW	—	—	460
5	29.469	29.680	53.3	44.9	44.3	58.1	387	269	95	91	W	N	—	—	670
6	29.945	29.837	44.0	42.0	41.9	48.2	263	249	91	94	NW	S	—	—	—
7	29.674	29.261	36.7	40.6	26.5	47.2	210	217	97	86	S	SE	—	—	720
8	29.120	29.870	39.6	40.6	37.4	45.2	202	235	83	93	SE	N	—	—	360
9	29.122	29.403	41.8	42.2	40.4	46.2	233	174	88	66	N	NW	—	—	120
10	29.451	29.260	39.6	33.2	37.4	45.2	202	208	83	91	SW	NW	—	—	240
11	29.672	29.953	42.0	32.2	29.5	51.1	231	177	87	97	NW	N	—	—	—
12	29.081	30.127	28.9	31.4	28.9	49.2	159	177	100	100	N	N	—	—	—
13	30.212	29.286	24.9	27.4	23.5	46.2	116	149	87	100	E	E	—	—	—
14	30.241	30.129	31.9	26.4	22.0	44.3	181	143	100	100	SE	SE	—	—	—
15	29.817	29.430	37.7	36.8	25.5	45.2	171	204	75	94	S	SE	—	—	050
16	29.467	29.911	37.0	37.7	34.5	45.2	193	222	88	98	N	NE	—	—	—
17	29.975	29.889	28.4	37.7	23.5	42.3	156	183	100	80	E	E	—	—	130
18	29.755	29.379	39.4	46.9	37.4	50.1	210	292	87	92	SE	SE	—	—	1000
19	29.341	29.207	39.6	34.8	34.8	48.2	211	192	87	95	NW	NW	—	—	560
20	29.269	29.508	39.1	35.3	31.5	45.2	208	183	87	89	NW	NW	—	—	150
21	29.812	29.606	37.2	39.6	32.5	44.3	200	202	90	83	NW	NW	—	—	1130
22	29.329	29.370	50.8	48.4	39.6	51.1	371	315	100	93	W	NW	—	—	450
23	29.319	29.124	47.7	48.1	47.7	52.1	306	301	93	90	W	W	—	—	450
24	29.140	29.076	42.5	41.0	40.4	49.2	236	213	87	83	NW	NW	—	—	150
25	29.054	29.941	38.8	40.1	37.4	43.8	203	223	86	90	W	W	—	—	320
26	29.168	29.548	43.0	41.0	36.5	45.2	249	189	90	74	NW	N	—	—	060
27	29.702	29.783	36.7	41.0	36.5	41.3	189	213	87	83	N	N	—	—	180
28	30.105	29.944	35.3	37.7	34.5	42.3	168	198	81	88	N	N	—	—	500
29	29.702	29.983	43.3	40.6	37.4	47.2	232	201	90	80	N	N	—	—	050
30	30.209	30.072	30.4	29.4	28.5	42.3	145	163	85	100	NW	W	—	—	020
Means	29.560	29.568	40.0	39.7	35.6	47.5	229	219	89.4	88.9	—	—	—	—	8.940

SCALEBY (NEAR CARLISLE).

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

NOVEMBER 1882.

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.	53.3	48.8	45.5	54.0	ins.	ins.	98	98	SE	2	NE	2	10	10	ins.
2	29.497	29.201	53.3	48.8	45.5	54.0	312	338	77	81	SE	5	SW	5	10	5	250
3	511	418	49.6	48.3	45.0	52.5	289	271	81	81	SE	5	SW	5	10	5	510
4	573	216	47.0	50.8	44.8	51.0	321	294	99	79	SW	2	SW	10	4	5	690
5	225	586	47.6	47.6	45.0	51.5	252	262	76	80	SW	10	SW	10	5	5	240
6	468	647	54.3	44.3	43.5	55.8	389	238	92	81	SW	10	SW	5	10	2	110
7	953	808	43.3	39.8	38.5	49.0	256	223	92	92	S	2	Calm	0	2	1	050
8	737	297	31.8	38.3	28.0	45.0	154	219	86	95	E	1	SW	4	10	10	490
9	181	2846	41.3	37.6	36.2	43.0	207	224	80	99	SW	5	SW	4	3	10	670
10	052	29325	40.0	39.8	33.8	43.2	220	177	90	72	SW	3	SW	6	7	0	030
11	482	321	35.8	33.8	33.0	45.0	145	162	84	98	SW	1	SW	1	2	10	570
12	29638	29989	30.8	29.8	28.0	40.5	145	162	84	98	N	1	N	1	8	0	—
13	30079	30140	26.8	32.8	24.5	41.0	142	163	98	88	NE	1	N	1	0	0	—
14	184	280	32.8	32.8	28.2	38.0	163	163	88	88	N	1	S	2	1	0	—
15	30261	30157	32.8	32.5	28.8	38.2	148	158	79	87	E	2	N	2	4	3	—
16	29907	29454	32.0	37.0	28.0	38.0	151	204	83	93	NE	3	SE	3	4	8	—
17	428	831	37.8	34.8	32.0	39.5	205	189	91	94	NE	1	E	4	10	2	010
18	996	980	29.8	26.8	26.2	37.8	162	125	98	87	NE	2	NE	2	10	3	—
19	835	326	36.8	37.8	25.0	39.0	146	215	67	95	S	7	SW	4	20	10	530
20	327	187	34.8	34.3	33.5	38.5	189	175	94	88	SW	3	NW	2	4	3	120
21	247	448	33.8	33.6	30.0	37.0	192	184	93	95	E	1	NE	2	10	0	050
22	767	661	31.8	38.3	28.0	39.0	154	224	86	97	W	1	SW	3	10	10	420
23	262	322	49.8	47.3	27.2	50.0	323	323	95	92	SW	7	SW	4	10	10	100
24	319	094	48.0	48.8	47.2	52.0	328	317	98	92	SW	4	SW	4	10	10	060
25	086	29076	44.0	40.8	35.2	48.8	270	216	94	85	SW	3	W	5	9	10	110
26	941	28920	39.3	39.8	37.1	40.8	204	204	86	84	SW	3	SW	8	4	5	120
27	112	29455	36.3	38.8	33.4	43.0	198	196	93	83	W	2	W	2	4	4	—
28	29685	695	35.8	36.8	31.8	38.8	184	182	89	84	W	3	N.	4	9	4	100
29	30087	974	31.3	35.3	30.5	38.7	137	156	78	76	Calm	0	W	2	2	10	100
30	29721	29932	34.8	38.3	34.5	38.5	199	219	99	95	NW	1	NW	2	4	10	080
30	20203	30111	34.8	30.8	27.2	40.0	196	157	97	91	SW	1	Calm	0	1	0	—
Means	29595	29557	38.6	38.6	34.1	43.5	215	212	88.6	88.9	2.9	5.5	6.2	5.3	5.410		

DOUGLAS, ISLE OF MAN.

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

NOVEMBER 1882.

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.	51.8	48.7	48.4	54.0	in.	in.	%	%	SE	4	W	6	10	7
2	29.408	29.344	51.8	48.7	48.4	54.0	378	309	98	90	S	5	W	5	10	7
3	476	370	53.5	49.0	47.6	58.2	390	305	95	88	SW	3	W	7	8	4
4	633	275	48.8	50.0	44.0	53.0	280	295	81	82	WSW	7	W	5	5	2
5	333	725	48.7	48.3	47.0	51.8	284	282	82	84	SW	6	WNW	4-5	10	5
6	534	750	55.1	46.5	46.3	56.3	426	291	98	92	SW	6	WNW	4-5	10	5
7	981	816	43.7	41.0	39.4	49.2	271	257	95	100	Calm	0	Calm	0	3	4
8	698	29.318	47.8	43.5	33.7	48.7	303	229	91	80	SSE	4	SW	5	10	4
9	197	28.872	43.8	41.0	41.0	47.7	322	246	77	96	SW	4	NW	6	7	4
10	168	29.450	45.4	41.8	40.4	47.5	264	209	88	79	NW	7	WNW	5	10	2
11	504	29.372	43.6	41.0	39.8	45.6	245	235	86	92	W	3	NW	5	4	4
12	29.707	30.019	39.0	31.5	31.5	45.4	239	166	98	94	NW	3	Calm	0	10	2
13	30.070	30.087	43.7	43.7	31.2	47.0	254	256	88	89	E	1	E	3	4	1
14	175	252	42.8	39.7	38.7	44.2	233	210	85	86	NE	1	NE	3	8	2
15	30.217	30.124	43.0	41.6	34.7	45.0	230	193	83	74	ENE	3	SE	5	3	6
16	29.861	29.383	42.1	38.5	37.5	43.7	213	223	80	96	SSE	5	E	7	9	10
17	527	866	41.5	37.5	37.0	42.0	243	182	93	79	ENE	4	NE	3	10	0
18	973	911	38.7	42.8	31.8	43.8	208	217	89	81	ENE	1	S	4	8	10
19	799	439	41.0	46.0	40.8	51.2	257	265	100	86	SE	3	WNW	4	10	7
20	408	240	42.0	40.0	37.5	46.5	239	222	90	90	W	5	W	6	8	6
21	293	381	43.0	41.7	39.0	46.0	251	239	90	91	NW	5	NE	5	8	3
22	845	617	42.0	44.2	36.0	45.5	245	290	92	100	NW	1	SW	3	10	10
23	383	414	51.0	52.0	44.0	52.7	374	388	100	100	SW	6	W	4	10	10
24	371	125	50.0	48.2	47.5	52.8	361	330	100	96	SW	3	W	2	10	8
25	180	157	44.5	41.6	36.0	49.0	259	229	88	88	W	4	W	7	8	6
26	114	608	41.2	43.0	40.0	44.5	229	242	89	87	W	4	W	6	6	4
27	174	575	42.8	40.0	39.0	45.5	254	226	92	92	NW	5	NW	8	7	7
28	29.775	29.808	41.0	37.0	35.0	43.0	231	220	90	100	W	4	NW	7	10	8
29	30.119	29.960	39.5	42.0	37.0	44.0	204	249	84	94	NW	2	S	3	9	10
30	29.778	29.969	43.5	42.0	42.0	46.7	267	211	94	79	NW	4	NW	7	6	2
31	30.186	30.078	40.0	43.0	37.0	43.7	224	249	91	90	NNE	1	SE	3	4	7
Means	29.630	29.590	44.5	42.9	39.4	47.8	269	249	90.2	89.2	3.6	4.6	7.8	5.4	8.7	7.9

WAKEFIELD.

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

NOVEMBER 1882.

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	29.595	29.175	50.2	47.1	55.0	336	331	93	92	SE	2	W	2	10	10	250
2	692	571	49.1	49.2	45.2	55.8	292	305	84	88	S	3	SE	4	8	4
3	719	403	48.4	50.0	47.7	54.2	281	309	83	86	WSW	2	S	7	2	10
4	870	695	49.4	47.3	46.4	52.5	290	287	83	89	SSW	6	S	6	6	7
5	643	683	55.9	49.6	46.1	60.0	340	269	76	76	SW	6	SW	7	8	2
6	30.032	29.877	44.8	45.3	42.6	50.0	256	276	86	92	SW	2	SSW	2	5	10
7	29.775	29.376	40.1	45.2	39.0	46.9	233	273	94	91	WNW	2	SW	2	10	10
8	321	28.983	40.3	45.2	39.0	46.9	204	224	82	75	SW	2	SW	5	5	2
9	100	29.295	44.0	42.3	39.0	50.0	221	188	76	71	W	5	NW	7	2	0
10	550	341	40.1	40.1	38.2	47.2	206	225	83	91	WSW	2	SW	4	6	4
11	29.648	29.992	39.4	33.1	32.9	45.9	181	182	75	97	WNW	4	NW	4	2	10
12	30.097	30.106	31.8	34.2	28.2	44.9	166	172	93	87	NW	3	NE	3	10	8
13	161	203	38.5	38.9	28.6	46.7	224	211	96	90	N	2	ENE	2	6	10
14	30.198	30.097	40.7	36.1	35.3	45.1	201	187	79	88	NE	2	NNW	2	10	3
15	29.931	29.449	36.9	37.6	33.0	43.1	184	209	84	93	N	2	ESE	2	7	10
16	356	29.779	39.1	37.9	34.6	40.0	229	174	96	76	N	2	ENE	4	10	10
17	961	30.013	35.6	30.0	28.3	39.4	177	130	85	77	NW	2	NW	2	10	10
18	922	29.557	35.8	37.1	23.6	37.6	140	208	100	94	SE	2	SE	2	10	10
19	397	277	40.9	36.1	31.2	45.0	203	191	79	60	W	5	W	4	6	10
20	359	363	36.1	37.2	32.3	42.1	188	218	98	98	NW	2	NW	2	10	8
21	799	737	36.1	41.7	33.4	42.3	173	231	81	88	W	2	WSW	3	0	10
22	371	368	50.6	53.4	38.5	54.0	327	364	89	89	WSW	7	WSW	4	10	8
23	428	160	50.6	50.2	50.1	55.8	305	307	83	85	WSW	2	WSW	2	8	7
24	141	203	46.7	40.3	36.8	51.3	281	186	89	74	SW	1	WSW	3	10	10
25	186	067	38.1	39.3	37.2	44.9	204	198	88	83	WSW	5	SSW	7	10	7
26	162	375	41.1	42.8	38.3	45.7	215	199	83	72	W	6	W	8	6	2
27	29.746	29.717	38.1	36.7	35.0	43.3	176	169	76	77	WNW	4	WNW	4	0	7
28	30.061	30.071	36.2	35.1	31.4	40.5	156	151	74	73	WNW	7	NE	3	2	10
29	29.758	29.832	35.9	39.2	34.1	44.5	201	218	96	91	SW	2	WNW	2	10	10
30	30.170	30.109	39.1	33.2	32.0	43.3	217	164	91	87	WNW	2	NW	2	8	5
Means	29.651	29.595	41.3	36.8	37.1	42.7	227	225	85.5	85.3	3.2	3.6	6.9	7.5	3.6	50

LLANDUDNO.

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

NOVEMBER 1882.

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.	53.2	50.0	49.2	55.5	in.	in.	%	%	S	3	W	4	10	10	ins. 150 showers.
2	29.441	29.411	53.2	51.8	48.0	55.0	345	309	85	80	S	5	SW	4	10	10	114 showers. [in the afternoon.
3	544	481	53.7	50.4	46.8	52.0	339	313	82	81	S	2	SW	3	6	10	210 showers. (heavy gale)
4	703	410	50.1	50.8	46.0	53.7	272	355	76	86	S	5	W	3	10	7	316 Fair but windy.
5	437	779	50.1	50.8	46.0	53.7	276	303	77	82	SW	7	W	3	10	5	483 (heavy gale), with squalls.
6	29.633	29.802	50.0	50.9	47.4	56.1	407	304	91	82	SW	7	W	3	10	5	050 Fine and calm till 4.30p.
7	30.021	29.845	48.6	45.0	44.2	51.0	295	283	88	94	WNW	1	SW	1	10	10	023 Fine till 6p., then 2.
8	29.746	29.433	42.9	44.2	38.8	50.0	252	245	91	85	S	1	W	2	9	0	264 A. Very cold.
9	252	28.958	47.3	49.0	42.0	49.0	218	303	68	87	S	5	SW	6	2	050 Windy, with showers.	
10	198	29.507	46.7	44.7	43.2	49.0	274	223	87	76	WNW	4	NW	3	10	2	360 Windy, with showers.
11	549	487	46.0	43.2	41.2	49.4	260	232	85	82	SW	2	W	3	3	0	177 showers p.
12	29.734	29.952	47.2	43.2	40.5	48.2	235	238	70	85	N	1	N	1	6	0	Very fine.
13	30.080	30.085	38.0	38.8	32.8	45.5	197	210	86	90	NE	1	E	1	0	0	0 cold. (mist) a. Fair but windy. Very
14	145	215	40.9	42.5	35.2	42.7	232	230	91	85	E	1	E	5	8	10	0 Fine but cold. (mist) p.
15	30.190	30.147	43.0	36.0	33.5	43.9	209	174	76	82	E	5	E	1	7	0	074 a. Fine till 5p. Dull and very cold.
16	29.910	29.832	36.2	37.0	30.2	42.0	170	188	80	86	SE	1	SW	1	0	10	0 Dull and cold.
17	416	800	41.3	41.0	33.5	43.5	213	199	82	78	E	1	E	6	4	0	0 Dull and cold.
18	985	981	38.4	36.0	34.0	43.0	192	170	83	80	E	1	W	1	10	10	026 Windy. 9.
19	834	498	39.8	31.7	35.2	53.0	152	77	92	188	S	3	SW	2	10	10	152 Dull day. A sp. Squally 9p.
20	476	331	43.0	41.5	39.8	51.7	226	207	82	80	W	3	W	5	1	5	140 Dull till 5p., then showers.
21	376	354	45.9	43.0	38.5	46.0	248	259	81	94	W	3	W	1	10	10	410 Fine till 4.30p., then showers.
22	873	696	46.2	43.0	40.8	48.1	231	255	75	92	N	2	N	1	10	10	140 Squally 9a. Mild. showers.
23	492	492	51.3	52.0	41.0	52.5	336	377	89	97	W	3	W	3	10	10	176 Fine till evening, then showers.
24	431	210	52.7	50.0	49.4	55.2	362	339	91	94	W	3	W	1	10	10	077 Fine a. showers p.
25	227	252	46.8	43.2	41.8	50.0	284	232	80	83	NW	1	W	4	10	10	093 Fine a. showers p. Squalls.
26	203	121	43.9	44.2	41.2	44.2	236	254	82	88	W	2	W	5	6	8	042 till 5p., then fine.
27	249	600	44.2	44.1	42.8	44.5	263	224	91	77	WNW	3	N	4	10	10	010 Stormy and squally. A showers.
28	29.829	29.877	43.3	42.0	38.2	46.0	231	206	82	78	W	5	NW	5	9	10	000 Fine.
29	30.177	30.099	44.0	41.0	40.5	45.3	193	212	66	83	N	4	N	1	4	10	050 Fine a. showers p.
30	29.851	29.976	47.0	45.0	40.5	47.8	238	80	79	NW	2	NW	2	10	3	070 Fine. in afternoon.	
30	30.195	30.116	43.1	37.0	35.2	45.0	238	200	85	91	N	1	NW	1	7	0	0
Means	29.673	29.643	45.7	44.5	40.4	48.6	254	254	82.3	85.2	2.7	2.9	7.6	6.9	3.906		

HILLINGTON, NORFOLK.

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

NOVEMBER 1882.

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.	51.8	51.4	46.2	55.2	ins.	ins.	89	85	E 3	SW 6	9	10	ins.	— a. 9p.
2	791	712	49.5	51.1	42.0	55.4	307	365	88	97	W 3	SW 2	4	10	0.048	—
3	759	594	49.7	53.4	48.5	54.6	309	335	87	82	SW 3	SW 6	5	10	0.200	Fine and sunny till 6p.
4	499	878	49.4	46.9	46.1	54.3	265	259	75	81	WSW 5	SW 3	6	0	0.058	—
5	29.814	771	50.5	53.4	43.6	58.4	323	311	89	76	SW 4	SW 4	10	3	0.010	—
6	30.055	853	42.9	43.7	40.2	53.9	252	262	91	92	SW 0.5	NW 0.5	3	10	1.015	—
7	29.797	549	43.5	44.9	42.0	47.0	265	281	94	95	NW 1	W 1	10	10	0.137	—
8	413	210	40.1	44.0	37.6	47.5	229	241	93	83	SW 2	SW 5	6	10	0.050	—
9	149	426	43.0	39.4	38.4	48.4	226	189	82	79	SW 5	SW 1	3	0	—	Very fine and sunny.
10	586	401	37.3	43.5	35.1	47.3	201	253	91	90	SW 3	WSW 5	3	10	0.047	—
11	29.567	29.939	40.1	34.4	34.3	44.3	208	199	84	100	WNW 4	SW 0.5	4	5	0.015	—
12	30.089	30.091	29.9	35.1	27.3	43.1	160	188	97	92	W 0.5	SE 0.5	10	1	—	Very fine and sunny a. Overcast p.
13	095	30.082	40.4	40.1	35.0	45.1	197	202	79	81	SE 2	SE 6	2	10	—	Very fine and sunny. at night.
14	30.048	29.966	39.5	39.7	38.1	41.9	168	154	69	63	E 6	NE 5	9	2	0.040	—
15	29.786	421	37.8	32.1	30.3	42.2	207	172	91	95	NE 4	NE 0.5	10	5	0.057	—
16	233	561	38.9	39.2	31.0	39.4	198	208	84	87	NE 4	NE 5	10	10	0.245	—
17	29.865	096	37.9	31.3	29.0	43.2	188	176	82	100	NE 1	NE 1	8	5	0.020	—
18	30.028	735	26.1	37.5	23.1	38.9	142	193	100	86	SE 0.5	SE 4	10	10	0.266	—
19	29.427	294	39.9	35.0	34.2	43.4	218	174	89	85	NW 3	SW 2	6	5	—	—
20	306	364	35.0	34.3	31.1	38.2	186	192	91	97	NW 1	SW 0.5	10	10	0.050	—
21	727	766	35.0	37.7	31.6	40.4	178	200	87	89	NW 2	WNW 3	2	10	0.088	—
22	423	382	46.6	51.8	37.1	51.9	275	348	88	90	W 3	SW 5	10	10	0.178	—
23	487	222	50.5	52.5	50.1	53.5	346	378	95	96	SW 2	SW 3	10	10	0.290	—
24	156	301	46.9	41.0	40.2	52.6	295	212	93	83	NW 3	SW 4	10	7	0.020	—
25	244	187	37.9	39.7	37.1	44.4	208	208	91	85	W 2	W 5	6	3	—	Very fine a. Overcast 1p.
26	207	398	40.1	42.8	36.9	43.7	200	229	81	83	NW 5	NW 6	4	10	—	9p.
27	724	29.689	35.7	35.1	33.5	42.8	176	173	84	84	W 3	NW 5	3	3	0.030	—
28	913	30.044	37.4	30.0	29.6	40.2	194	135	87	80	NW 5	NW 0.5	10	1	0.230	—
29	29.709	29.778	34.6	37.0	28.1	39.0	193	214	96	97	NW 0.5	NNW 1	10	10	0.043	—
30	30.082	30.092	38.1	35.1	34.0	43.4	224	196	97	96	NE 0.5	W 0.5	7	5	0.010	—
Means	29.655	29.636	40.9	41.1	36.4	46.5	229	232	88.1	87.6	2.7	3.1	7.0	6.8	3.167	—

UPPINGHAM.

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

NOVEMBER 1882.

1	29.639	29.308	50.0	49.7	47.0	54.7	334	312	93	88	S 2	SW 8	10	10	0.080	—
2	760	669	46.3	46.4	42.6	53.7	293	292	94	93	SW 3	SSW 4	8	1	0.010	—
3	772	538	48.1	51.2	45.1	52.8	275	361	82	96	swb.w.4	WSW 9	1	10	0.168	—
4	517	808	47.9	46.0	45.0	53.7	264	261	80	85	WSW 5	W 5	4	0	0.030	—
5	29.802	762	52.0	50.1	44.8	57.9	335	285	86	79	SW 8	W by S 5	9	0	0.011	—
6	30.079	859	42.9	42.1	39.0	50.1	253	264	91	98	WSW 2	Calm 0	10	10	0.887	—
7	29.803	477	41.2	45.1	38.9	45.1	244	286	95	95	W 1	SW 5	8	10	0.099	—
8	421	184	38.3	42.4	35.1	46.0	207	248	90	91	SW 4	SSW 5	8	10	0.290	—
9	171	459	40.9	38.9	36.7	47.9	220	195	87	84	swb.s.2	NW 5	1	0	—	—
10	603	430	38.6	39.4	34.3	47.4	207	218	89	91	W by S 2	swb.w.2	0	6	0.068	—
11	29.628	29.965	37.6	35.6	34.2	45.0	204	203	91	97	W by N 3	WNW 1	0	0	0.010	—
12	30.087	30.093	36.0	34.6	31.3	46.0	206	197	97	98	Calm 0	NNW 1	0	0	0.020	—
13	071	098	39.0	34.8	32.6	44.7	199	184	84	92	ENE 3	E by N 1	1	8	—	—
14	30.072	30.015	37.9	34.4	34.0	41.7	176	166	77	83	NE 4	NNE 2	7	0	—	—
15	29.854	29.476	35.1	33.1	32.4	40.6	183	187	89	99	N by E 1	Calm 0	2	10	0.065	—
16	244	29.625	36.9	36.1	32.7	37.4	216	196	98	92	N by E 2	N by E 2	10	10	0.060	—
17	29.909	30.008	34.8	31.1	30.3	40.7	162	164	81	94	N by W 2	Calm 0	6	0	—	—
18	30.013	29.686	29.6	35.9	25.1	36.0	143	198	86	94	S by W 1	S by E 4	3	10	0.220	—
19	29.472	340	38.7	36.1	34.1	43.2	202	188	86	88	W by S 2	swb.w.3	1	7	0.172	—
20	334	366	33.2	35.9	31.6	38.6	186	194	98	92	WSW 2	W 1	10	9	0.166	—
21	774	794	34.5	38.9	32.1	39.9	170	218	84	93	NW 3	W by S 3	0	10	0.100	—
22	474	426	48.5	51.3	37.7	51.7	302	347	88	92	W by S 4	W by N 6	10	10	0.031	—
23	487	236	50.2	51.3	48.8	53.2	335	354	93	94	WSW 4	SW 4	3	10	0.190	—
24	194	319	44.8	39.5	38.6	51.7	273	211	92	87	W 3	W 2	9	10	0.010	—
25	248	182	36.8	38.1	34.9	44.5	188	205	87	89	WSW 2	SW 3	1	0	—	—
26	218	469	39.7	41.3	35.9	43.8	207	209	84	81	W by S 4	SW 3	1	7	0.024	—
27	771	29.742	35.8	33.4	32.5	42.9	168	165	80	86	W 2	NW 3	5	0	0.060	—
28	905	30.136	35.0	31.4	30.3	39.1	156	123	76	69	swb.w.2	2	8	410	—	—
29	29.708	29.796	38.3	39.1	30.9	42.4	223	231	97	97	NW 3	Calm 0	10	10	0.027	—
30	30.097	30.140	37.1	34.4	34.4	42.9	217	187	98	94	N 1	NNW 1	9	4	—	—
Means	29.674	29.647	40.2	39.9	36.1	45.8	225	228	88.4	90.4	2.8	3.0	5.0	6.0	3.214	—

CHURCHSTOKE.

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

NOVEMBER 1882.

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.	51.4	46.8	45.0	54.1	322	263	85	81	SE 5	W 8	9	4	ins.	☉ ² 10a.—5p. ☉ ² ☼ [gloomy. Dull and
2	29.747	29.513	51.2	48.9	46.0	54.3	328	269	87	93	SW 3	SW 6	8	7	1.450	☉ ² ☼ Rough ☉ ² ☼ Gloomy.
3	783	489	48.9	50.9	44.5	54.6	285	349	83	94	SSW 3	WSW 6	4	8	553	Squally p.
4	524	883	49.9	44.5	43.7	52.0	343	265	90	80	SW 5	NW 3	8	3	055	☉ ² ☼
5	29.722	865	59.0	47.5	43.7	59.6	362	267	73	82	WSW 6	NW 5	6	2	076	☉ ² ☼
6	30.002	795	45.1	41.1	38.0	48.6	272	253	90	93	SSW 4	SSW 1	8	10	399	Rough ☉ ² ☼ ☉ ² ☼
7	29.815	458	38.3	40.3	31.0	46.6	214	221	93	89	SE 2	SW 4	6	0	430	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
8	361	112	41.1	45.4	36.0	47.1	204	268	79	89	SSW 5	WSW 5	4	5	413	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
9	219	556	44.8	38.8	37.0	48.8	283	173	96	74	NW 5	NW 3	8	0	025	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
10	617	29.491	40.8	38.8	35.0	48.1	221	211	88	90	SW 3	S 4	4	0	210	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
11	29.739	30.002	43.0	38.1	36.9	49.1	223	225	80	98	WNW 2	NNW 1	1	2	—	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
12	30.120	075	29.9	31.4	25.8	38.5	156	164	95	94	SW 1	Calm 0	10	10	018	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
13	089	167	37.9	35.4	30.0	42.4	218	177	96	86	NNE 1	ENE 2	9	6	—	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
14	30.149	30.103	37.4	33.9	32.0	42.6	188	156	85	79	NNE 2	NW 2	8	2	—	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
15	29.935	29.785	28.9	33.9	23.3	41.2	139	184	88	94	WSW 1	S 5	4	9	280	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
16	30.393	29.393	33.0	36.4	31.0	37.5	188	186	97	87	NNW 2	NW 4	9	8	031	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
17	30.007	30.053	31.9	26.2	25.7	41.0	193	132	95	94	WNW 2	W 1	7	0	—	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
18	29.926	29.572	34.4	41.8	24.8	42.1	162	263	82	99	SSE 4	SW 5	9	9	030	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
19	472	779	40.1	37.2	36.0	48.1	238	206	96	93	W 4	NW 4	9	4	012	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
20	387	366	40.3	38.0	34.5	45.4	235	225	95	98	NW 3	NNE 2	10	10	297	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
21	863	773	36.9	40.8	31.2	43.1	193	235	89	93	NNW 2	SE 3	4	9	082	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
22	573	460	50.2	51.9	40.0	52.8	307	362	85	94	W 4	NW 5	8	8	063	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
23	489	232	52.4	49.9	48.0	58.1	349	344	88	96	WSW 2	NNW 1	9	8	410	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
24	239	351	46.8	38.8	37.0	51.1	281	208	88	89	W 3	SW 4	7	4	215	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
25	253	233	40.8	40.3	33.5	45.4	206	215	81	87	W 4	SSW 5	4	0	115	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
26	274	644	42.1	39.8	38.0	45.1	252	211	94	87	NW 5	NW 3	9	4	160	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
27	29.890	29.906	37.6	36.4	33.7	43.4	183	204	81	95	NW 4	NW 4	4	7	220	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
28	30.144	30.121	36.9	38.8	35.0	42.4	206	218	94	93	WNW 3	WNW 3	4	9	210	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
29	29.804	29.937	43.1	42.8	35.5	49.1	241	240	86	88	NW 4	N 6	4	10	065	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
30	30.193	30.159	38.8	31.9	30.0	45.1	198	164	84	91	NW 1	NE 1	5	0	120	☉ ² ☼ ☉ ² ☼ ☉ ² ☼ ☉ ² ☼
Means	29.706	29.682	41.9	40.2	35.4	47.2	240	230	88.3	90.5	3.2	3.5	6.6	5.3	5.109	

CHELTENHAM.

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

NOVEMBER 1882.

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.	52.0	50.6	48.0	57.5	ins.	ins.	84	76	S	8	W	4	10	ins. A most tempestuous day. Squally. $\frac{1}{2}$ p.
2	29.547	29.508	51.4	51.4	47.0	57.2	312	315	83	83	S	4	S	5	10	100 Fine a. $\frac{1}{2}$ from 3.15 p. Squally.
3	29.532	29.581	49.5	54.6	46.0	54.6	280	379	80	89	SW	1	SW	10	2	410 Fine and pleasant a. Squally $\frac{1}{2}$ p.
4	29.604	29.621	49.6	50.8	48.0	55.5	277	301	78	81	W	6	W	3	6	9 010 Squally a. Very fine day.
5	29.875	29.807	50.0	52.6	48.5	58.6	364	285	81	72	SW	3	W	3	10	1 050 Very tempestuous morning.
6	30.095	30.095	47.0	45.2	44.6	52.6	273	285	85	95	SE	3	S	5	10	10 Fine a. $\frac{1}{2}$ from 3.30 p.
7	29.836	29.836	42.8	45.0	41.0	49.1	249	267	91	89	SW	1	NW	4	8	10 Fine a. $\frac{1}{2}$ from 6 p. [T at night.
8	29.452	29.427	40.0	46.5	36.1	49.2	221	265	90	85	SW	3	SW	7	4	10 640 Fine a. $\frac{1}{2}$ from 3 p. Squally $\frac{1}{2}$ p.
9	29.235	29.562	43.8	40.5	31.5	50.0	236	214	82	85	SW	3	W	2	10	1 010 Very bright a. $\frac{1}{2}$ 2 p.-4 p.
10	29.658	29.502	42.2	44.0	39.0	49.5	221	238	83	82	W	1	W	4	0	0 Fine a. $\frac{1}{2}$ p.
11	29.709	29.985	39.4	39.8	36.5	48.0	218	223	91	92	Calm	0	NW	1	3	10 Very fine and bright.
12	30.074	30.033	33.5	39.6	29.5	44.6	185	214	97	88	W	1	SE	3	9	4 (mist) a. Very fine and bright.
13	29.993	30.066	40.7	36.0	30.0	44.5	225	187	88	89	NE	4	NE	3	3	2 Very fine day.
14	30.050	30.007	37.9	34.4	34.0	42.1	184	186	81	94	NE	4	NE	2	8	0 Very fine.
15	29.897	29.371	26.0	36.2	23.0	39.0	110	189	78	89	Calm	0	SE	5	6	9 a. Wind rising at night.
16	29.278	29.699	32.8	38.0	32.1	38.0	182	205	98	89	NW	4	NW	6	10	10 060 * a. * all the morning.
17	29.553	29.027	36.4	24.5	24.5	38.6	184	117	86	90	Calm	0	W	1	10	0 Fine and sunny.
18	29.972	29.654	33.5	40.5	23.5	40.5	162	243	84	97	SE	3	SE	7	8	10 030 Dull and cold. $\frac{1}{2}$ p. $\frac{1}{2}$ at night.
19	29.542	29.347	43.4	44.8	39.1	48.5	223	250	79	84	NW	4	SW	3	6	5 040 $\frac{1}{2}$ c. 30 p.-0.35 p.
20	29.394	29.375	39.6	40.6	33.5	46.1	209	238	86	94	W	1	W	1	10	10 080 Fine and bright till 7 p. then $\frac{1}{2}$.
21	29.859	29.833	29.8	42.0	28.5	43.8	162	243	98	91	Calm	0	W	2	6	10 220 (mist) ga. Fine and bright till
22	29.588	29.522	52.5	54.0	41.5	55.0	313	361	79	86	SW	2	W	5	9	8 020 Dull. $\frac{1}{2}$ p. [8 p. then $\frac{1}{2}$.
23	29.549	29.600	51.3	53.0	49.5	54.0	344	374	91	93	SW	5	W	6	8	10 260 Dull. $\frac{1}{2}$ 3 p.-8 p.
24	29.269	29.374	47.9	43.7	43.1	53.0	293	238	88	83	NW	2	SW	3	8	1 010 Beautiful day.
25	29.294	29.258	41.4	42.5	37.6	45.8	214	229	83	85	SW	1	W	2	5	3 Very fine a. Dull and gloomy p.
26	29.311	29.599	43.1	41.1	40.0	47.2	222	214	79	82	SW	4	W	1	4	1 Very fine till 11 a., then gloomy.
27	29.807	29.865	37.5	35.8	30.6	44.0	192	178	85	85	W	2	NW	1	1	0 050 Bright a. $\frac{1}{2}$ from 2.30 p.
28	30.082	30.154	36.3	40.0	29.0	43.2	186	211	88	86	NW	1	NW	1	1	10 160 Very fine day.
29	29.785	29.849	43.8	42.5	37.3	46.2	255	255	89	94	W	2	NW	3	9	10 130 $\frac{1}{2}$ all p.
30	30.118	30.148	38.4	28.6	28.0	43.7	210	151	91	96	NW	1	NW	1	8	0 Very fine and bright.
Means	29.716	29.684	42.0	42.6	37.2	48.0	235	245	85.9	87.5	2.5	3.5	6.7	6.1	3.860	

CARMARTHEN.

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

NOVEMBER 1882.

1	29.334	29.657	53.7	49.9	48.5	58.0	393	288	95	81	S	7	W	2	6	5 290 Squally a.
2	29.619	29.500	53.9	51.9	47.5	54.1	362	342	87	88	S	6	SW	6	10	10 390 Squally p.
3	29.809	29.519	48.4	53.8	36.4	56.0	286	353	84	85	W	1	W	6	8	10 710 Squally p.
4	29.605	29.975	51.4	49.7	45.7	54.8	289	311	77	87	SW	6	W	1	6	10 100 Squally before ga. < p.
5	29.840	29.963	56.3	49.0	48.5	56.6	412	288	90	83	SW	6	W	1	10	1 190 Squally a.
6	30.059	30.720	41.4	44.3	38.5	57.3	254	279	98	96	N	1	E	1	8	10 670 $\frac{1}{2}$ 6 p.
7	29.788	29.888	38.1	41.6	34.1	50.9	228	230	99	88	E	1	Calm	0	10	0 660 < p.
8	29.409	29.159	40.3	42.0	30.5	50.2	227	245	92	92	NW	1	W	1	5	10 290 Frequent Δ during the night. <
9	29.368	29.504	50.2	41.1	37.1	50.4	253	231	70	90	W	4	SW	1	5	5 020 Frequent Δ during the night.
10	29.659	29.567	47.0	41.3	36.4	51.9	253	209	79	81	W	1	W	2	3	0 110 Frequent Δ during the night.
11	29.774	29.997	48.6	34.1	33.7	51.4	254	190	74	97	NW	2	Calm	0	2	0 100 Frequent Δ during the night.
12	30.026	29.965	37.6	37.1	30.5	46.2	201	207	90	94	E	1	E	1	0	0 100 Frequent Δ during the night.
13	29.019	30.096	43.7	38.6	36.9	46.3	223	186	78	80	NE	2	E	3	9	0 100 Frequent Δ during the night.
14	30.111	30.073	38.2	32.0	31.5	43.8	200	149	88	82	N	2	Calm	0	3	0 100 Frequent Δ during the night.
15	29.897	29.344	30.7	39.5	24.9	40.5	138	236	80	98	E	1	Calm	0	7	10 360 Frequent Δ during the night.
16	29.390	29.783	38.1	39.6	33.0	44.2	212	195	92	80	N	1	N	2	6	10 100 Frequent Δ during the night.
17	30.007	29.977	33.1	32.1	29.5	46.0	176	154	94	85	SW	1	E	1	7	10 080 Frequent Δ during the night.
18	29.880	29.587	37.4	49.4	32.0	51.8	215	302	96	86	SE	2	NW	3	10	7 190 Frequent Δ during the night.
19	29.589	29.439	43.4	41.1	40.0	49.8	246	196	87	77	W	3	W	3	9	4 170 Frequent Δ during the night.
20	29.473	29.348	44.8	42.1	39.8	47.4	226	252	76	94	W	5	W	1	6	8 370 Frequent Δ during the night.
21	29.933	29.727	42.4	46.2	36.4	46.6	242	308	99	99	N	1	SW	2	0	10 490 Frequent Δ during the night.
22	29.657	29.596	52.1	52.7	45.6	54.2	370	384	95	96	W	2	W	2	8	10 070 Frequent Δ during the night.
23	29.570	29.225	52.7	51.9	50.2	53.4	399	386	100	100	W	3	SW	3	10	10 780 Frequent Δ during the night.
24	29.359	29.389	49.1	41.8	41.0	52.4	296	227	85	86	W	4	W	1	7	9 050 Frequent Δ during the night.
25	29.324	29.288	38.4	41.1	34.2	45.5	212	230	92	89	W	1	W	1	6	7 040 Frequent Δ during the night.
26	29.387	29.720	45.8	42.7	39.0	47.3	233	207	75	76	W	4	W	3	5	5 030 Frequent Δ during the night.
27	29.958	29.984	41.1	40.1	38.5	47.4	215	182	83	73	W	1	NW	2	3	4 130 Frequent Δ during the night.
28	30.201	30.058	41.1	42.8	38.3	48.3	234	208	91	98	W	1	S	1	8	10 360 Frequent Δ during the night.
29	29.896	29.970	46.3	44.1	42.2	49.3	263	205	85	71	NW	2	N	4	7	040 Frequent Δ during the night.
30	30.169	30.101	44.1	36.1	35.4	49.4	276	191	95	90	N	1	Calm	0	4	5 070 Frequent Δ during the night.
Means	29.737	29.696	44.3	43.0	37.9	50.0	260	248	87.3	87.4	2.5	1.8	6.2	6.2	6.600	

MARLBOROUGH.

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

NOVEMBER 1882.

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.	51.5	48.0	45.0	55.2	ins.	ins.	89	80	S	3	SW	1	10	ins. $\frac{1}{2}$ a.
2	29.607	29.588	51.5	48.0	45.0	55.2	336	286	89	80	SSW	2	S	3	9	0 150 $\frac{1}{2}$ a.
3	29.818	29.723	50.7	48.9	44.6	54.0	331	336	89	98	SSW	2	S	3	9	0 170 $\frac{1}{2}$ a.
4	29.880	29.681	47.7	53.7	44.9	54.3	304	367	92	89	SW	1	SW	5	1	10 070 $\frac{1}{2}$ a.
5	29.679	29.976	48.8	47.7	47.2	55.0	290	294	84	89	Calm	0	?	W	1	9 2 070 $\frac{1}{2}$ a.
6	29.946	29.917	54.2	51.8	45.4	58.8	371	353	89	91	SW	3	W	2	9	2 070 $\frac{1}{2}$ a.
7	30.140	30.098	45.6	47.7	39.1	52.0	285	329	94	99	Calm	0	S	1	6	10 770 before ga.
8	29.876	29.556	41.2	45.7	40.7	48.7	237	254	92	93	Calm	0	W	2	10	10 300 10.30 p.
9	29.533	29.318	37.7	45.3	37.7	48.7	210	223	93	75	Calm	0	WSW	3	10	9 170 10.30 p.
10	29.291	29.695	41.6	38.4	37.1	51.0	225	214	86	93	Calm	0	Calm	0	9	2 180 10.30 p.
11	29.705	29.543	40.5	42.7	35.0	50.2	231	261	92	95	W	1	Calm	0	0	10 180

STRATHFIELD TURGISS.

Height above Mean Sea Level, 195 feet. Long. 1° 0' W. Lat. 51° 20' N.

NOVEMBER 1882.

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.	52.6	50.5	48.3	58.7	ins.	ins.	86	70	S	3	SW	4-5	8	ins. Squally a. and p.
2	29.663	29.585	52.6	51.0	45.1	56.4	29.663	29.585	87	92	SW	3	SW	2	8	2.23 Squally a.
3	29.664	29.585	51.5	55.3	47.3	56.2	29.664	29.585	82	79	W	3	SW	3-5	0	1.15 Squally p.
4	29.669	29.606	50.0	48.1	47.1	56.6	29.669	29.606	83	86	W	4-2	SW	3-4	7	0.18 Squally a. and p.
5	29.997	29.904	55.4	53.3	45.5	60.3	29.997	29.904	87	88	SW	3-4	SW	4-3	10	0.26 Squally a. and p.
6	30.142	30.045	49.3	50.2	41.1	54.7	30.142	30.045	80	99	SW	1	SW	1	3	1.582 a. Squally p.
7	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
8	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
9	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
10	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
11	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
12	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
13	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
14	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
15	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
16	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
17	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
18	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
19	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
20	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
21	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
22	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
23	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
24	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
25	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
26	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
27	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
28	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
29	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
30	29.871	29.883	44.0	50.8	42.7	54.9	29.871	29.883	84	85	W	3	SW	3-4	10	0.220 a. Squally mid-day.
Means	29.744	29.720	42.6	42.4	36.9	49.0	29.744	29.720	85.0	86.2	2.4	2.5	5.1	5.5	3.054	

SOUTHAMPTON.

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

NOVEMBER 1882.

1	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
2	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
3	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
4	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
5	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
6	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
7	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
8	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
9	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
10	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
11	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
12	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
13	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
14	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
15	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
16	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
17	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
18	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
19	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
20	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
21	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
22	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
23	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
24	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
25	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
26	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
27	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
28	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
29	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
30	29.637	29.658	53.4	51.0	50.6	58.8	29.637	29.658	86	79	SE	3	SW	6	10	0.070 Squally a.
Means	29.766	29.737	44.0	44.1	39.6	50.6	29.766	29.737	86.6	89.3	2.3	3.2	6.1	6.0	4.314	

ST. LEONARDS.

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

NOVEMBER 1882.

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.	54.6	53.6	52.2	57.4	ins.	ins.	81	90	SSE 5	SW 6	6	1	ins.	all day, reaching gale force at night.
2	29.757	29.669	54.6	53.6	52.2	57.4	29.757	29.669	81	90	SW 4	SSW 6	9	10	1.136	Overcast day.
3	29.757	29.669	54.6	53.6	52.2	57.4	29.757	29.669	81	90	WSW 3	SW 6	4	7	2.74	Overcast p. (gale) at night.
4	29.712	30.021	55.0	50.4	50.4	57.6	38.0	30.05	85	84	WSW 6	W 4	7	0	0.10	(gale) in past n.
5	30.068	29.940	54.5	55.7	50.3	57.4	39.9	40.3	91	91	WSW 4	SW 7	7	10	0.30	Overcast all day. (gale) at night.
6	30.170	29.885	50.1	52.5	45.9	56.4	31.3	37.3	86	95	W 1	SSE 5	1	10	2.37	Overcast p. Squally (gale) after 9p.
7	29.870	29.724	45.8	53.0	45.8	55.8	26.6	31.5	86	78	W 2	SW 5	10	7	2.31	Squally 9p.
8	29.555	29.424	45.1	51.7	42.9	54.0	25.6	24.3	85	64	W 1	WSW 7	10	1	0.33	
9	29.304	29.622	44.7	42.0	41.6	52.6	23.3	21.8	79	82	NW 1	W ?	2	0	—	
10	29.734	29.662	45.6	48.7	37.3	52.1	24.6	29.3	81	89	W 4	SW 3	0	1	—	Very fine day.
11	29.673	29.602	41.3	39.6	38.8	49.7	21.3	19.7	80	81	WNW 4	NW 1	1	0	—	Very fine day.
12	29.087	30.028	40.0	45.4	38.7	49.1	21.8	23.4	89	75	NW 1	E 2	4	3	3.48	
13	29.915	29.887	41.1	42.0	40.5	47.3	23.4	22.9	91	86	E 5	E 4	10	10	1.73	all day.
14	29.828	29.805	39.0	38.2	35.1	43.0	22.0	21.8	93	95	NE 5	NE 3	10	10	1.90	all day.
15	29.747	29.520	37.9	38.2	36.8	41.1	18.8	19.9	82	87	WNW 5	Calm 0	9	10	5.61	towards midnight.
16	29.086	29.428	35.3	39.5	35.3	47.3	20.5	94	85	WNW 3	N 5	10	10	1.08	Overcast all day, with frequent.	
17	29.840	29.985	38.5	35.6	35.6	41.9	19.2	17.5	83	83	WNW 4	NW 3	1	0	—	✱ 0.7a. W p.
18	29.036	29.823	38.2	42.8	31.3	44.8	19.2	22.8	84	83	N 2	S 5	1	10	2.40	
19	29.564	29.489	43.7	37.3	37.3	50.0	25.4	19.0	83	86	WNW 3	WNW 3	1	4	0.15	
20	29.390	29.430	39.5	37.2	35.4	45.5	20.4	19.6	81	88	NW 4	W 3	4	1	—	W p.
21	29.773	29.893	37.2	39.5	35.6	44.0	19.3	20.9	87	86	WNW 3	WSW 1	0	1	1.31	Very fine day. O. W at night.
22	29.623	29.680	47.8	50.0	39.4	52.1	32.7	32.4	93	93	W 2	Calm 0	10	10	0.08	Overcast day.
23	29.647	29.428	50.9	51.7	50.9	53.2	25.7	38.1	96	99	W 3	SW 5	9	10	4.30	Overcast day.
24	29.330	29.482	50.2	40.7	40.1	52.7	30.2	25.3	84	80	WSW 6	W 3	9	6	0.40	
25	29.348	29.344	45.0	45.3	44.0	49.7	28.2	26.5	94	83	W 1	SW 2	8	10	0.10	Overcast day.
26	29.404	29.595	44.7	40.6	40.6	49.2	24.2	22.5	84	89	WSW 3	WSW 2	1	1	—	Very fine day.
27	29.859	29.822	36.7	37.7	35.2	45.1	19.5	18.8	90	83	WNW 2	SW 3	0	9	0.78	g a.
28	29.952	29.192	40.0	36.0	33.8	43.0	18.2	16.1	73	76	NNW 5	N 2	1	0	2.51	Very fine day.
29	29.672	29.815	45.3	41.4	33.8	47.4	28.6	22.7	95	88	NNW 3	NNW 2	8	10	0.13	(mod. gale) n. Overcast day.
30	29.019	30.119	40.0	37.5	36.0	45.0	22.8	19.7	93	88	N 3	N 3	8	0	—	
Means	29.726	29.741	44.5	44.7	41.0	49.9	25.9	25.8	87.3	85.0	3.3	3.4	5.4	5.5	3.573	

ST. AUBIN'S, JERSEY.

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

NOVEMBER 1882.

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°3	54°0	50°0	59°1	in.	in.	%	%	WSW 4	WSW 6	10	4	ins.	☾ a. Squally ☼ Bar. rose from 32°.
2	29°722	29°900	55°3	54°0	50°0	59°1	386	299	83	72	WSW 4	WSW 6	10	4	040	☾ a. Squally ☼ Bar. rose from 32°.
3	29°936	30°036	56°5	55°7	51°4	57°3	358	361	78	81	WSW 3	Why S 6	3	8	030	Very cloudy. Squally.
4	29°936	30°036	57°2	54°3	52°2	59°0	403	308	86	73	W 7	W 3	10	2	020	☼ a. Day very cloudy.
5	30°209	30°155	57°5	57°3	59°0	405	382	85	81	WSW 3	WSW 5	10	10	120	Overcast and very mild.	
6	30°203	30°973	53°1	54°3	51°3	57°7	393	387	97	92	Calm 0	W 3	10	10	185	Gloomy and mild.
7	29°978	29°743	52°0	53°8	50°4	55°7	335	340	86	82	Why N 2	W 5	9	10	217	Gloomy p. ☼ 10p.
8	29°702	29°553	49°3	51°0	45°0	54°2	267	276	75	74	W 4	SW 7	9	10	123	☼ 4.30a. ☼ 0° ga. Gloomy. ☼ p.
9	29°510	29°769	55°0	49°7	47°4	50°6	274	266	64	71	NW 4	NW 2	4	8	200	☼ after 9p.
10	29°787	29°756	52°0	50°4	44°7	55°9	266	338	69	93	Why N 3	WSW 5	4	8	456	
11	29°873	30°035	51°7	47°9	45°1	55°1	236	231	62	70	NNW 3	NW 1	4	10	080	Fine.
12	30°039	30°831	45°8	47°5	43°2	49°8	257	327	84	99	SE 3	E 5	10	10	120	☼ all day. [at night.
13	29°730	29°778	54°1	45°2	44°8	54°2	244	275	98	92	Calm 0	NE 5	10	10	130	Scotch ☼☼☼ Gloomy day. Squally ☼
14	29°853	29°934	44°0	42°8	41°0	45°3	250	219	86	80	NNE 4	NNE 3	10	10	138	Gloomy, with cold wind. [7.35p.
15	29°962	29°945	43°3	49°3	39°0	52°2	210	318	75	91	NW 1	SW 3	7	5	1048	Fine a. ☼ p. ☼ 2° (500 in.) 7.15p. ☼
16	29°381	29°436	43°5	44°0	40°0	49°7	229	211	80	73	NW 5	N 3	10	8	313	☼ 2.18a. ☼ ☼ showers. Bar. 29°360 [Noon.
17	29°971	30°055	43°8	38°9	37°6	47°4	185	168	64	72	NbyW 3	NW 1	9	0	002	☼ n. and a. Very cloudy day. Rosy [☼ 2° 5p.-6p.
18	30°026	29°856	44°3	40°2	37°7	46°2	223	313	76	100	SE 3	SW 3	10	10	125	
19	29°766	29°681	50°0	44°3	43°2	53°7	265	249	74	85	NW 3	WNW 3	7	7	040	☼ 0° ☼ showers. < 0° at times p. ☼
20	29°616	29°577	46°3	44°2	41°9	52°2	241	257	77	89	NW 3	NW 1	10	9	595	☼ ☼ ☼ ☼ n. and a. 4.20p. < 5p.-6p.
21	29°846	30°038	44°9	45°4	40°9	47°8	240	251	81	84	N by E 3	W 2	3	10	430	☼ < 0° n. and a. Day fine. [☼ 9.15p.
22	29°882	29°827	53°3	53°6	44°0	55°3	346	404	85	98	NW 3	W 4	10	10	050	Squally a. Day very cloudy. ☼ p.
23	29°824	29°577	54°2	53°2	52°4	55°2	406	394	97	98	W 4	SW 7	10	10	250	Gloomy and mild. ☼ p.
24	29°558	29°664	53°0	48°4	47°2	55°0	308	318	76	94	W 5	Wb. S 6	7	6	455	☼ p.
25	29°462	29°483	51°4	48°2	47°2	54°0	369	315	97	94	W 2	NW 2	8	10	180	☼ 2 p.
26	29°584	29°784	47°0	45°2	44°0	53°2	275	251	86	82	W 3	NW 2	9	9	060	☼ 8.45p.
27	30°036	30°038	48°0	42°5	41°5	50°1	251	257	64	94	NNW 2	NW 2	3	9	212	☼ ☼ p.
28	30°205	30°301	45°0	43°7	41°3	47°8	197	227	66	79	NW 3	Calm 0	8	9	300	Day fine and dry. ☼ ☼ at night.
29	29°923	29°971	48°5	48°0	42°9	52°8	290	243	85	73	NW 3	NW 3	8	9	110	☼ ☼ n. and a.
30	30°116	30°184	45°5	40°0	30°4	48°2	212	207	70	84	NbyW 3	Calm 0	0	1	002	Overcast day.
Means	29°860	29°852	50°1	48°4	45°0	53°3	294	292	79°7	84°7	3°1	3°4	7°9	8°0	8°770	

Earth Temperature - Mean of 10 readings (every three days), at 1 foot, 46.3, at 3 feet 48.1, 6 feet, 55.3

LONDONDERRY.

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

NOVEMBER 1882.

1	29°289	29°365	52°2	44°7	43°0	56°2	350	277	90	93	SE	2	SW	2	10	4	300	☼ till 6p.
2	338	371	49°5	42°9	42°2	54°2	311	265	89	96	S	3	SW	1	6	0	07c	
3	459	181	44°7	44°9	39°5	53°0	257	256	87	87	SE	3	SW	4	10	5	770	☼ Noon.—2p. ☼ ² at night.
4	384	677	47°9	45°0	41°8	53°0	264	260	80	87	SW	5	SW	3	8	0	350	Squally ☼ all day.
5	360	800	54°0	43°5	42°0	56°5	400	252	96	89	SW	4	SW	4	10	5	150	
6	955	816	42°2	38°6	37°5	49°0	247	222	92	95	W	1	S	1	10	1	040	
7	29°520	29°230	43°2	38°7	35°0	49°0	247	202	88	86	S	3	S	3	10	3	200	Squally at night.
8	28°957	28°959	38°7	35°7	33°8	45°3	210	221	89	94	SE	3	S	3	10	10	730	☼ and ☼ ✕ (sleet) showers.
9	29°267	29°496	43°7	37°4	35°8	47°0	206	196	72	88	W	5	W	3	9	4	180	Cold and disagreeable day.
10	421	29°442	39°8	38°8	34°5	47°4	222	228	92	97	SW	4	W	1	10	7	350	☼ and ☼ ✕ (sleet) showers p.
11	29°822	30°020	35°8	33°6	32°8	50°1	195	179	93	92	S	1	S	1	2	0	—	Fine and clear.
12	30°088	136	30°7	31°8	27°0	45°0	151	170	85	95	S	1	N	1	0	1	—	Fine.
13	260	207	30°2	30°2	27°0	40°1	160	160	95	95	S	1	Calm	0	1	10	—	Fine. ☼☼ p.
14	30°265	30°075	28°8	37°2	25°1	45°1	147	187	93	84	S	1	S	1	0	0	130	Fine.
15	29°673	29°434	36°7	34°7	33°0	44°5	202	190	93	94	S	4	NW	1	10	10	590	☼ and ☼ ✕ (sleet).
16	602	959	36°7	35°7	31°6	55°5	212	196	98	94	E	1	Calm	0	9	0	020	
17	970	831	35°7	39°5	30°2	44°2	176	212	83	88	SE	1	SE	2	10	10	030	☼ ga.
18	054	457	44°7	42°7	37°0	54°4	284	235	96	85	WSW	1	W	4	10	4	160	
19	470	237	37°7	35°9	35°0	45°2	197	211	87	100	SW	3	SW	1	8	10	440	
20	359	626	42°7	42°7	33°9	48°0	226	239	82	87	SW	2	NNW	2	9	9	210	
21	912	579	40°2	49°7	35°8	55°4	238	341	92	96	SE	2	NE	4	10	10	1000	Constant ☼ all day and night.
22	391	407	51°9	50°7	49°0	54°8	359	350	93	94	SW	4	SW	3	10	10	140	Constant ☼ till 6p.
23	199	118	50°7	47°4	46°0	51°9	334	308	90	94	S	4	S	1	10	10	280	
24	148	27°112	38°7	38°8	35°0	58°0	219	201	93	85	SE	2	SE	4	5	9	280	☼ ▲ ☼ ✕ (sleet) showers.
25	044	28°992	38°1	37°9	35°0	52°6	198	215	86	95	SW	3	WSW	2	1	10	460	
26	335	29°738	41°8	38°9	37°0	47°3	235	204	89	87	NW	3	NW	3	10	7	230	▲ ☼ showers.
27	29°820	30°011	40°7	39°7	35°0	49°0	198	190	78	77	NW	4	NW	4	7	7	120	▲ ☼ showers.
28	30°218	29°708	38°2	42°3	36°8	45°2	218	264	95	98	S	1	SW	4	10	10	223	Fine till 3p.
29	29°895	30°195	43°2	40°0	39°8	49°2	247	187	88	75	SW	3	NE	2	10	10	030	
30	30°245	29°998	33°7	39°8	32°5	46°0	204	89	84	S	1	S	1	9	10	400	Fine during day. ☼ ² at night.	
Means	29°609	29°612	41°1	40°1	36°0	49°7	236	227	89°2	90°4	2°5	2°3	7°8	6°2	7°880			

MARKREE CASTLE, SLIGO.

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

NOVEMBER 1882.

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.	51°5	45°2	43°3	52°6	in.	in.	%	%	SSE 2	SW 1	10	10	ins.	
2	29°208	29°443	51°5	45°2	43°3	52°6	280	280	98	93	SSE 2	SW 1	10	10	441	
3	325	385	47°9	37°9	35°3	51°3	303	217	92	96	SSE 2	Calm	0	10	10	036
4	436	215	46°2	45°1	37°3	54°4	283	259	91	86	SSE 4	WSW 3	10	4	4	362
5	392	739	49°2	45°8	42°9	52°9	272	271	77	88	WSW 3	WSW 2	4	9	9	313
6	405	858	55°1	43°2	41°6	50°6	405	260	93	92	SW 4	WNW 2	10	10	079	
7	951	793	39°5	41°1	35°0	50°8	236	247	98	96	Calm	Calm	0	10	10	— (a. 2 9p.
8	29°473	249	44°0	38°9	35°6	48°0	255	213	88	91	SE 4	SW 2	10	5	329	8p.—11p.
9	28°868	040	33°3	43°1	32°5	44°4	190	220	100	79	SSE 2	NW 4	10	7	378	* 9a.
10	29°382	543	45°0	37°6	35°6	48°0	186	205	62	91	NW 4	WNW 1	5	5	050	
11	459	29°504	40°0	40°1	34°5	44°4	232	231	94	93	SW 1	NW 5	10	10	360	(p. during the day.
12	29°831	30°066	38°7	33°1	32°3	46°0	228	183	88	97	Calm	Calm	0	10	10	— (a. 1 9p.
13	30°070	093	29°5	31°4	24°3	47°4	131	138	80	77	Calm	Calm	0	0	0	— (a. 1 9p.
14	218	272	32°1	29°1	26°5	46°4	176	138	95	86	Calm	Calm	0	10	10	— (a. and p. 1 9p.
15	30°233	30°022	29°7	39°1	21°1	41°4	763	200	81	84	Calm	SE 3	5	10	030	1 9a.
16	29°620	29°431	39°1	40°1	34°6	43°3	223	214	93	86	SE 3	NW 3	10	10	333	8p.
17	006	960	30°2	31°3	30°6	44°4	218	157	91	89	NNW 2	Calm	0	8	0	—
18	945	795	34°1	29°9	26°6	42°4	185	233	94	95	SSE 2	SSE 2	10	10	110	
19	647	520	45°1	42°6	38°9	52°4	281	233	91	85	Calm	NW 3	10	2	285	2 9p.
20	482	298	37°2	41°9	34°6	44°4	228	196	94	75	WSW 3	NW 6	9	5	350	[to SE. 1 9p. 10a. 1 9p.
21	447	666	43°1	43°3	37°9	47°9	227	258	81	92	NW 3	NW 3	8	10	160	Sharp squall before 9a. Squally (force 6) n. during day.
22	946	670	45°1	48°7	39°7	52°0	261	314	87	91	Calm	NW 5	10	10	320	
23	488	468	51°9	51°5	48°5	53°9	354	345	92	91	WNW 4	WNW 4	10	10	090	Sharp squalls before 9a.
24	303	134	50°8	46°3	45°4	52°2	343	300	92	95	WSW 2	Calm	0	10	120	
25	219	180	40°1	38°1	35°9	47°2	208	198	84	85	WSW 4	WSW 3	10	8	084	(p. 1 9p.
26	088	113	37°2	44°1	33°4	45°4	189	231	85	79	Calm	NW 4	5	7	190	9a. 1 9p. 1 9p. at night.
27	433	29°799	42°1	39°3	35°3	46°4	230	202	86	84	NNW 2	N 3	10	5	217	8p. during day.
28	29°898	30°074	41°5	40°8	36°3	44°2	237	191	91	75	NNW 3	NW 4	10	10	060	Sharp squalls before 9a. (a. and 1 9p.
29	30°243	29°859	30°3	42°1	36°8	48°4	202	297	84	92	Calm	W 3	10	7	090	
30	29°039	30°228	45°3	41°4	40°9	48°8	263	183	87	70	W 2	NE 2	10	10	015	
31	30°250	29°067	29°1	36°1	27°5	43°5	137	198	86	93	Calm	SE 2	10	10	200	1 9a.
Means	30°627	30°644	41°4	38°8	35°4	48°0	238	227	88°6	87°6	1°9	2°3	8°5	7°5	4°992	

DUBLIN.

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

NOVEMBER 1882.

1	20°29'5	29°47'3	53°1'	47°1'	46°0'	54°7'	*388	*281	96	87	SSE 4	WNW 5	10	1	*359	Dull and mild a. 2. Bar. 29°144 2p.
2	2°44'8	*426	52°0'	49°0'	45°1'	54°5'	*315	*296	81	85	SW 3	WSW 4	8	8	*019	Squalls with p. < to NE. 7.30p.
3	*640	*356	49°1'	49°4'	43°2'	56°6'	*260	*274	74	73	WSW 4	WSW 6	8	1	*408	Brilliant sunrise. Dull a. (male) p. [Double across blue sky 1p.
4	*427	*810	47°2'	47°9'	45°2'	53°2'	*258	*269	80	81	W by N 6	W 5	2	0	*040	Squally a. and p. Very fine.
5	20°54'5	*850	57°0'	47°8'	47°1'	58°5'	*402	*277	85	84	WSW 8	W by N 5	7	5	*080	Squally a. and p. a. Mild.
6	30°05'	*819	46°0'	43°8'	42°9'	49°0'	*267	*266	87	93	SW 1	Calin 0	10	7	—	~ p.
7	20°06'9	*369	47°0'	40°3'	35°8'	50°7'	*271	*204	85	82	S 3	W by S 6	10	1	*216	Bar. 29°320 3p. * Squally
8	*156	*030	43°3'	41°8'	37°1'	47°5'	*210	*223	75	85	WSW 7	WNW 7	10	148	*148	Squally a. and p. 11a. 2
9	*346	*555	44°2'	39°6'	39°1'	47°3'	*224	*208	77	85	WNW 5	WNW 4	2	1	—	Squally a. and p. [26p.
10	*557	20°50'6	42°2'	38°9'	37°9'	46°2'	*224	*196	85	84	W 4	W 3	2	0	*065	Comet well seen 5a. shows a. Fine after 2p.
11	20°80'7	30°01'3	37°4'	36°1'	35°2'	46°4'	*200	*192	90	90	W 2	NW 2	0	5	—	Day bright and bracing. ~ p.
12	30°05'3	*044	33°2'	41°7'	29°9'	42°8'	*173	*219	91	84	W 1	ESE 3	7	10	*010	~ a.
13	*146	*216	44°1'	43°8'	39°0'	46°6'	*210	*239	72	83	ENE 2	NE 2	7	8	*022	▲ 4p. 7a. ~ a. [(sleet) 4.30p.
14	30°22'0	30°09'5	35°3'	42°0'	33°2'	45°1'	*184	*195	90	74	W 1	ESE 2	7	9	—	Squally a. and p. Cold. 2
15	20°72'0	20°30'1	42°1'	39°1'	38°5'	43°5'	*189	*211	72	91	SEB.S 6	WNW 4	9	3	*332	~ a. and p. [white, 5.30p.
16	*501	*894	33°8'	31°9'	36°2'	42°3'	*211	*233	92	NW 3	S 1	N 3	6	8	*171	~ a. Bright p. ~, carmine and
17	*989	*832	35°1'	41°9'	32°2'	41°9'	*185	*226	90	86	WNW 1	SSE 2	8	8	*185	a. and p. Much milder. [after 5p.
18	*717	*540	47°8'	47°4'	41°2'	52°6'	*201	*270	88	83	S 4	W by S 4	9	3	*010	a. and p. Squalls p. * (sleet)
19	*534	*320	40°2'	38°9'	37°2'	47°6'	*207	*200	84	85	W 4	W 7	1	10	*202	and * n. a. and p. 5p.
20	*461	*447	39°1'	44°0'	37°1'	44°5'	*202	*252	85	87	W by N 5	N 6	2	9	*169	Much cir. a. Dull a. Squally
21	*947	*663	39°2'	49°2'	35°3'	49°5'	*218	*340	91	98	W 3	W 5	10	10	*278	Squally n. and a.
22	*517	*498	52°3'	52°9'	48°8'	53°5'	*352	*370	90	93	W by S 7	W by S 5	10	10	*046	Mild and cloudy. [with a. Bright a. 21.40p. Clear and cold
23	*377	*176	53°7'	48°9'	48°2'	54°6'	*364	*307	83	89	W by S 4	WSW 2	8	10	*164	Bright a. Squally p. Bar. 29°077
24	*292	*263	43°1'	38°9'	38°2'	49°1'	*239	*187	85	80	W 3	W 5	3	0	*067	Squally a. and p. [3.30p. 6p.
25	*207	*124	38°3'	40°5'	36°9'	43°2'	*200	*266	87	82	W 4	W 7	1	2	*012	~ a. Squally a. and p
26	*357	20°75'0	42°7'	37°2'	36°8'	45°5'	*236	*194	86	87	WNW 4	NW 5	8	0	—	a. Squally a. and p
27	20°91'7	20°01'8	37°4'	37°0'	34°4'	42°7'	*200	*168	90	77	WNW 4	WNW 5	8	1	*012	~ a

BIRR CASTLE, PARSONSTOWN.

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

NOVEMBER 1882.

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.	54.5	46.5	46.0	56.9	ins.	ins.	88	88	SE 0.5	WSW 1.5	8	0	ins.	Heavy squalls a. (mist) qp.
2	29.145	29.523	54.5	46.5	46.0	56.9	29.145	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
3	29.147	29.523	54.5	46.5	46.0	56.9	29.147	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
4	29.149	29.523	54.5	46.5	46.0	56.9	29.149	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
5	29.150	29.523	54.5	46.5	46.0	56.9	29.150	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
6	29.151	29.523	54.5	46.5	46.0	56.9	29.151	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
7	29.152	29.523	54.5	46.5	46.0	56.9	29.152	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
8	29.153	29.523	54.5	46.5	46.0	56.9	29.153	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
9	29.154	29.523	54.5	46.5	46.0	56.9	29.154	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
10	29.155	29.523	54.5	46.5	46.0	56.9	29.155	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
11	29.156	29.523	54.5	46.5	46.0	56.9	29.156	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
12	29.157	29.523	54.5	46.5	46.0	56.9	29.157	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
13	29.158	29.523	54.5	46.5	46.0	56.9	29.158	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
14	29.159	29.523	54.5	46.5	46.0	56.9	29.159	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
15	29.160	29.523	54.5	46.5	46.0	56.9	29.160	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
16	29.161	29.523	54.5	46.5	46.0	56.9	29.161	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
17	29.162	29.523	54.5	46.5	46.0	56.9	29.162	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
18	29.163	29.523	54.5	46.5	46.0	56.9	29.163	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
19	29.164	29.523	54.5	46.5	46.0	56.9	29.164	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
20	29.165	29.523	54.5	46.5	46.0	56.9	29.165	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
21	29.166	29.523	54.5	46.5	46.0	56.9	29.166	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
22	29.167	29.523	54.5	46.5	46.0	56.9	29.167	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
23	29.168	29.523	54.5	46.5	46.0	56.9	29.168	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
24	29.169	29.523	54.5	46.5	46.0	56.9	29.169	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
25	29.170	29.523	54.5	46.5	46.0	56.9	29.170	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
26	29.171	29.523	54.5	46.5	46.0	56.9	29.171	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
27	29.172	29.523	54.5	46.5	46.0	56.9	29.172	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
28	29.173	29.523	54.5	46.5	46.0	56.9	29.173	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
29	29.174	29.523	54.5	46.5	46.0	56.9	29.174	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
30	29.175	29.523	54.5	46.5	46.0	56.9	29.175	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	
Means	29.176	29.523	54.5	46.5	46.0	56.9	29.176	29.523	88	88	SE 0.5	WSW 1.5	8	0	ins.	

KILLARNEY.

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

NOVEMBER 1882.

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	29.264	29.591	47.4	49.1	44.6	55.0	29.264	29.591	84	87	E 5	SE 3	10	7	ins.	Squally.
2	29.265	29.591	47.4	49.1	44.6	55.0	29.265	29.591	84	87	E 5	SE 3	10	7	ins.	Wild squalls a. 2 noon-2 p.
3	29.266	29.591	47.4	49.1	44.6	55.0	29.266	29.591	84	87	E 5	SE 3	10	7	ins.	Squally a. Fair and calm p.
4	29.267	29.591	47.4	49.1	44.6	55.0	29.267	29.591	84	87	E 5	SE 3	10	7	ins.	T 0.30p. Δ < 8.30p. Squally
5	29.268	29.591	47.4	49.1	44.6	55.0	29.268	29.591	84	87	E 5	SE 3	10	7	ins.	T n. K Δ Squally 2 p. Very
6	29.269	29.591	47.4	49.1	44.6	55.0	29.269	29.591	84	87	E 5	SE 3	10	7	ins.	(wild and colder p.
7	29.270	29.591	47.4	49.1	44.6	55.0	29.270	29.591	84	87	E 5	SE 3	10	7	ins.	Squally, with Δ. Cold.
8	29.271	29.591	47.4	49.1	44.6	55.0	29.271	29.591	84	87	E 5	SE 3	10	7	ins.	Squalls a. Raw.
9	29.272	29.591	47.4	49.1	44.6	55.0	29.272	29.591	84	87	E 5	SE 3	10	7	ins.	Bright a.
10	29.273	29.591	47.4	49.1	44.6	55.0	29.273	29.591	84	87	E 5	SE 3	10	7	ins.	Very cold n. ∞ a. Fine day.
11	29.274	29.591	47.4	49.1	44.6	55.0	29.274	29.591	84	87	E 5	SE 3	10	7	ins.	∞ a. Overcast p. Mild.
12	29.275	29.591	47.4	49.1	44.6	55.0	29.275	29.591	84	87	E 5	SE 3	10	7	ins.	Δ showers p. 2 at night.
13	29.276	29.591	47.4	49.1	44.6	55.0	29.276	29.591	84	87	E 5	SE 3	10	7	ins.	Squally a. Δ a.
14	29.277	29.591	47.4	49.1	44.6	55.0	29.277	29.591	84	87	E 5	SE 3	10	7	ins.	Dull and damp.
15	29.278	29.591	47.4	49.1	44.6	55.0	29.278	29.591	84	87	E 5	SE 3	10	7	ins.	Gloomy and warm.
16	29.279	29.591	47.4	49.1	44.6	55.0	29.279	29.591	84	87	E 5	SE 3	10	7	ins.	Squally a. and p. Δ 7p-9p.
17	29.280	29.591	47.4	49.1	44.6	55.0	29.280	29.591	84	87	E 5	SE 3	10	7	ins.	Δ a. Squally all day.
18	29.281	29.591	47.4	49.1	44.6	55.0	29.281	29.591	84	87	E 5	SE 3	10	7	ins.	Gloomy a. Squally p.
19	29.282	29.591	47.4	49.1	44.6	55.0	29.282	29.591	84	87	E 5	SE 3	10	7	ins.	Squally and cloudy.
20	29.283	29.591	47.4	49.1	44.6	55.0	29.283	29.591	84	87	E 5	SE 3	10	7	ins.	Very mild n. Fine 10a-5p., then
21	29.284	29.591	47.4	49.1	44.6	55.0	29.284	29.591	84	87	E 5	SE 3	10	7	ins.	Squally a. Δ a. U
22	29.285	29.591	47.4	49.1	44.6	55.0	29.285	29.591	84	87	E 5	SE 3	10	7	ins.	Squally, with Δ a.
23	29.286	29.591	47.4	49.1	44.6	55.0	29.286	29.591	84	87	E 5	SE 3	10	7	ins.	Squally, with Δ a.
24	29.287	29.591	47.4	49.1	44.6	55.0	29.287	29.591	84	87	E 5	SE 3	10	7	ins.	Squally a. with Δ a.
25	29.288	29.591	47.4	49.1	44.6	55.0	29.288	29.591	84	87	E 5	SE 3	10	7	ins.	Gloomy and calm.
26	29.289	29.591	47.4	49.1	44.6	55.0	29.289	29.591	84	87	E 5	SE 3	10	7	ins.	Squally a.
27	29.290	29.591	47.4	49.1	44.6	55.0	29.290	29.591	84	87	E 5	SE 3	10	7	ins.	
28	29.291	29.591	47.4	49.1	44.6	55.0	29.291	29.591	84	87	E 5	SE 3	10	7	ins.	
29	29.292	29.591	47.4	49.1	44.6	55.0	29.292	29.591	84	87	E 5	SE 3	10	7	ins.	
30	29.293	29.591	47.4	49.1	44.6	55.0	29.293	29.591	84	87	E 5	SE 3	10	7	ins.	
Means	29.294	29.591	47.4	49.1	44.6	55.0	29.294	29.591	84	87	E 5	SE 3	10	7	ins.	

DUNROBIN CASTLE.

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

DECEMBER 1882.

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	29.978	29.957	37.6	37.4	30.5	39.5	.165	.185	73	83	SE	SE	—	—	ins.	Dull.
2	.762	29.231	38.4	40.6	34.5	41.7	.176	.205	76	81	W	W	—	—	.100	Dull, with ☉ showers.
3	.102	28.975	40.4	41.6	37.8	44.5	.230	.235	92	90	W	E	—	—	—	Fine and mild.
4	.026	29.342	39.4	38.9	31.5	41.6	.222	.189	92	81	E	E	—	—	.160	Dull.
5	.663	.748	31.3	30.1	28.0	39.7	.164	.134	93	79	E	E	—	—	.130	Dull. ✱ showers p.
6	.721	.691	28.3	29.3	27.0	30.9	.155	.162	100	100	E	NE	—	—	—	✱ showers. ✱ 2 inches deep a.
7	.788	.694	28.8	30.3	24.7	37.3	.144	.169	91	100	NE	NE	—	—	—	Clear.
8	.783	.831	20.3	28.8	19.5	35.9	.110	.144	100	91	NW	NW	—	—	.240	[and ✱ ☉ (sleet).
9	.816	.830	34.3	35.1	24.7	36.2	.198	.193	100	94	NE	E	—	—	.900	✱ 4 inches deep a. Showers of ✱
10	.797	.648	36.3	37.4	33.3	38.0	.201	.204	94	91	NE	NE	—	—	.700	Milder. ✱ and ✱ ☉ (sleet).
11	.725	.687	39.4	31.3	31.3	41.0	.193	.176	80	100	E	NW	—	—	.180	Clear and cold.
12	.661	.769	23.1	21.1	19.7	38.3	.113	.080	92	71	NW	NW	—	—	—	
13	.744	.691	21.1	20.3	19.5	31.4	.087	.110	77	100	NW	NW	—	—	—	
14	.785	.806	23.3	22.1	19.7	33.9	.118	.108	95	91	E	SE	—	—	—	
15	.902	.904	20.8	38.9	20.0	40.0	.095	.227	85	96	NW	SE	—	—	.140	Dull.
16	.956	.918	42.4	42.6	38.8	43.0	.231	.260	86	95	E	E	—	—	.100	Rapid thaw.
17	.733	.783	43.4	37.4	31.5	44.0	.262	.233	93	100	E	E	—	—	.210	Dull. Thaw.
18	.759	29.846	44.4	42.2	33.7	45.3	.272	.223	93	87	E	NE	—	—	.130	Dull, with ☉ showers.
19	.965	30.055	40.4	40.9	35.6	43.0	.249	.247	99	97	W	W	—	—	—	Fine and mild.
20	.096	29.567	42.4	43.6	37.4	44.7	.231	.238	86	84	S	SW	—	—	—	Fine and mild.
21	.375	.385	35.3	40.9	34.0	44.5	.203	.247	98	97	W	W	—	—	.510	Mild and dull. ☉
22	.439	.217	36.3	36.1	34.7	41.7	.197	.203	92	95	W	N	—	—	.140	Dull.
23	.430	.630	31.5	31.8	30.5	38.5	.174	.173	98	97	NW	W	—	—	.090	Dull.
24	.642	.517	31.5	31.8	28.0	38.3	.174	.173	98	97	NW	SW	—	—	.030	✱ showers, ✱ 1 1/2 inches deep.
25	.463	.383	30.3	30.3	29.5	36.5	.157	.144	93	84	SW	N	—	—	—	Clear.
26	.446	29.538	30.8	26.8	25.0	37.7	.160	.122	93	85	NW	N	—	—	.350	Clear.
27	.291	28.956	37.4	37.4	25.0	40.5	.204	.204	91	91	E	W	—	—	.510	☉ with SE. wind.
28	.225	29.397	43.4	40.6	37.4	47.3	.241	.223	85	89	N	SW	—	—	.840	Fine and mild.
29	.188	.381	39.4	35.3	34.5	42.0	.225	.199	94	96	E	E	—	—	.280	Dull, with ☉ a. Fair p.
30	.735	.787	33.3	39.9	30.0	41.7	.170	.201	89	82	N	SW	—	—	—	
31	29.642	29.681	40.4	41.4	29.0	43.7	.226	.252	91	97	S	SE	—	—	—	Fine and mild.
Means	29.630	29.608	34.4	34.9	29.7	40.1	.185	.189	90.9	91.0	—	—	—	—	.5740	

LAUDALE.

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

DECEMBER 1882.

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.	38.8	40.0	34.0	41.0	in.	in.	85	73	SSE 3	SSE 3	10	10	ins.	Dark and gloomy all day.
2	737	29.280	39.6	43.0	36.7	43.8	221	255	91	92	S 7	SSE 7	10	10	1.270	☁ 2 noon.
3	29.116	28.975	40.5	43.0	40.0	47.5	231	238	92	86	SW 5	SW 2	10	4	4.30	☁ (sleet) showers all day.
4	28.998	29.236	36.0	37.0	35.0	43.4	208	182	98	83	Calm 0	Calm 0	10	9	0.020	
5	29.600	6.678	35.6	30.2	29.7	37.0	129	164	61	99	ENE 3	NE 1	8	0	—	
6	6.631	6.667	27.0	27.2	24.7	31.1	117	111	81	75	Calm 0	Calm 0	2	0	—	
7	6.647	6.644	30.2	27.0	23.8	30.3	137	124	81	85	NE 2	Calm 0	3	0	—	
8	7.751	7.707	23.8	26.7	23.8	29.7	107	125	83	87	Calm 0	Calm 0	0	0	—	☁ a.
9	7.781	7.787	27.0	29.2	23.2	33.6	121	142	83	88	Calm 0	Calm 0	3	0	—	☁ p. ☁ p.
10	7.773	6.652	28.0	37.0	25.7	37.0	122	195	80	89	Calm 0	Calm 0	2	9	0.020	White ☁ (mist) on hill tops.
11	6.661	6.663	30.8	33.0	28.6	37.0	152	163	88	87	S 3	ESE 1	10	8	—	☁ showers a. ☁ during the morning.
12	6.656	6.650	29.5	31.2	26.2	37.0	134	146	82	83	SE 2	E 2	2	0	—	
13	6.653	6.697	27.2	26.0	24.6	32.0	120	114	82	81	E 2	E 1	0	0	—	
14	8.805	8.847	27.0	26.3	24.0	31.1	121	111	83	78	E 1	E 1	0	0	—	
15	8.855	7.792	30.2	40.0	24.2	40.0	137	230	81	94	E 2	SSE 5	9	10	0.070	☁ p.
16	8.806	6.633	44.0	46.2	39.3	48.4	205	281	92	91	ESE 4	SSE 7	8	10	4.80	
17	6.652	6.73	41.5	43.2	40.5	46.8	235	253	93	92	S 4	SSE 3	10	7	0.050	
18	5.697	29.776	46.8	42.8	42.0	47.6	277	238	87	87	SSE 4	S 1	10	9	0.010	Thaw all day.
19	29.942	30.081	46.8	45.5	42.0	48.8	277	289	87	95	SSE 7	S 1	10	10	—	☁ till 0.30 p., when a dead calm
20	30.018	29.631	46.7	46.2	43.3	46.8	275	290	87	93	SSW 6	SSW 6	10	10	1.550	(moderate gale) all day.
21	29.460	5.76	40.0	44.0	38.0	47.0	243	244	98	84	WNW 5	WNW 4	10	3	4.20	☁ a. ☁ g. and p.
22	5.600	2.72	42.0	41.1	39.0	44.6	241	196	91	77	SW 4	WNW 2	10	7	2.90	☁ a. ☁ 2 showers p.
23	5.627	6.79	39.1	35.0	32.4	41.1	221	190	93	93	NW 5	NW 2	9	8	2.40	☁ a. and p.
24	6.667	5.99	38.0	42.0	31.3	42.0	214	227	94	86	WNW 2	W 3	9	10	0.40	☁ early a. Overcast all day.
25	5.609	4.17	38.0	34.7	33.4	42.0	175	172	76	85	WNW 2	Calm 0	10	10	—	Overcast all day. Large white ☁ p.
26	4.61	5.01	30.2	35.0	28.6	35.8	114	184	68	90	Calm 0	Calm 0	8	9	—	Large ☁ p.
27	6.662	6.662	46.9	48.0	35.0	49.5	299	243	94	73	W 7	SSW 6	10	10	6.60	☁ (mist) a. Dark and gloomy.
28	6.679	2.01	47.0	44.2	40.8	48.9	298	263	93	91	W 2	SSE 4	10	10	1.090	☁ (mist) a. Dark and gloomy.
29	6.687	7.19	30.8	41.0	28.0	41.4	152	197	88	77	Calm 0	ESE 3	10	0	3.20	☁ (mist) a.
30	29.629	29.632	45.0	46.0	37.3	47.6	275	283	92	92	SE 4	SSW 1	10	2	3.80	☁ (mist) a. Dark and gloomy.
Means	29.596	29.589	36.8	37.7	32.6	41.3	198	201	86.5	86.4	2.9	2.2	7.5	5.7	8.250	

DUNDEE.

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

DECEMBER 1882.

1	29.971	29.997	33.5	32.5	26.2	36.9	174	165	91	90	NE 1	SW 1	10	10	—	Dull.
2	8.65	3.67	32.5	37.4	24.2	37.4	145	189	78	85	SE 1	SW 1	10	10	1.150	☁ from 1.30 p.
3	29.233	0.24	40.4	36.4	35.2	41.8	232	200	93	93	SE 2	NW 1	10	10	1.100	Dull. [S. 45 a. ☁ from 6 p.
4	28.959	2.18	36.4	32.5	31.2	37.9	200	166	93	90	SE 10	NE 12	10	10	1.050	☁ (sleet) and ☁ (gale) from
5	29.512	6.22	30.5	27.5	25.2	33.0	148	123	87	83	NE 12	NE 12	10	10	1.350	☁ and ☁ (gale) n. and during day.
6	5.92	5.71	26.5	27.5	23.2	28.0	116	076	81	51	NE 10	NE 10	5	7	3.00	☁ showers and ☁ (gale) n. and during day.
7	5.43	6.43	33.5	31.5	22.2	34.0	136	135	71	76	NE 10	NE 8	10	10	2.50	☁ showers and ☁ (gale) n. and till [Noon. ☁ from 7 p.
8	7.737	7.743	27.5	31.5	25.2	33.0	123	157	83	88	NE 1	NE 6	5	10	2.00	☁ showers n. and from 5 p.
9	7.722	7.731	33.5	32.5	28.2	33.9	174	165	91	90	NE 1	NE 2	10	10	—	☁ n. ☁ during day. ☁
10	7.718	6.632	34.5	33.5	30.2	35.9	146	174	73	91	NW 1	NW 2	10	10	0.050	☁ showers from 3 p.
11	7.724	6.681	26.5	22.5	19.2	33.5	111	091	100	76	NW 1	NW 1	0	10	—	☁
12	6.689	7.715	17.5	12.5	12.2	23.0	069	076	72	100	NW 1	NW 1	0	0	—	☁
13	6.79	6.71	22.5	16.5	12.2	23.0	121	092	100	100	SW 1	NW 1	10	0	1.50	☁ at night.
14	8.802	8.868	11.5	9.5	9.2	79.0	073	067	100	100	W 1	W 1	0	0	—	☁
15	9.036	8.890	9.5	35.5	8.2	36.9	067	208	100	100	W 1	SE 1	0	10	2.50	Thaw, with ☁ from 5 p.
16	9.245	8.839	38.4	41.4	35.2	41.8	232	242	100	93	SE 1	SE 6	10	10	5.50	☁ n. and during day.
17	7.719	7.753	38.4	38.4	37.3	41.8	232	232	100	100	SE 1	SE 1	10	10	3.50	☁ till 9.30 a.
18	29.694	29.847	43.4	42.4	36.2	43.8	281	252	100	93	SE 6	SE 1	10	10	—	☁ n. and till 7.30 a.
19	30.031	30.140	41.4	40.4	39.3	42.8	242	232	93	93	SE 1	NW 1	10	10	—	Dull.
20	30.081	29.727	41.4	43.4	38.3	43.8	261	252	100	93	SW 1	SW 2	10	10	—	Dull.
21	29.449	4.87	39.4	38.4	38.3	43.8	224	195	93	85	SW 2	NW 4	10	10	—	Cloudy.
22	4.85	2.02	38.4	35.5	35.2	39.8	179	191	78	92	NW 2	NW 2	0	10	—	Cloudy.
23	4.46	6.45	35.5	30.5	29.2	37.9	155	125	74	73	NW 1	NW 1	7	7	—	Fine.
24	6.46	6.09	32.5	32.5	28.2	34.9	166	166	90	90	W 2	NW 1	10	10	—	☁ shower 8.30 a. Dull day.
25	4.78	4.01	32.5	31.5	29.2	35.0	166	098	90	56	W 1	NW 2	10	10	—	Dull.
26	4.26	5.61	30.5	28.5	25.2	33.0	148	131	87	84	W 1	W 1	10	0	3.50	Dull.
27	2.84	0.94	35.5	43.4	26.2	43.8	191	262	92	93	SE 1	W 4	10	10	0.050	☁ n. ☁ showers during day.
28	2.28	3.24	45.4	40.4	39.3	47.7	260	251	87	100	W 10	E 4	10	10	9.90	☁ (gale) n. and till 11 a. ☁ showers
29	1.39	2.62	38.4	37.4	36.2	45.7	232	189	100	85	SE 1	NE 8	10	10	4.50	☁ n. and from 11 a. ☁ showers
30	6.80	8.55	34.5	38.4	32.2	38.8	163	195	81	85	NE 2	SE 2	10	10	0.050	Dull.
31	29.750	29.696	36.4	38.4	35.2	39.8	215	214	100	93	SE 1	W 1	10	10	1.50	☁ n. ☁ showers during day.
Means	29.618	29.608	32.7	32.9	28.2	36.9	174	172	89.6	87.8	3.0	3.4	8.0	8.5	5.700	

ROTHESAY.

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

DECEMBER 1882.

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.	37.1	37.6	33.7	38.5	in.	in.	83	79	E	E	—	—	ins.	Dull.
2	29.921	29.985	37.1	40.4	43.1	44.6	183	179	83	79	S	S	—	—	2.00	Dull.
3	8.19	3.42	40.4	43.1	35.7	44.6	224	244	90	87	S	S	—	—	1.100	Dull.
4	2.38	0.26	44.1	38.9	37.1	46.2	273	221	94	94	SW	Calm	—	—	1.43	Dull.
5	0.00	2.49	36.0	35.0	34.2	41.3	204	176	96	86	Calm	E	—	—	—	
6	5.19	6.39	35.0	31.0	29.2	36.5	148	148	72	85	NE	NE	—	—	—	
7	6.636	6.601	28.2	29.2	26.2	34.3	148	156	96	97	NNE	E	—	—	—	Clear and frosty.
8	5.55	6.64	32.0	34.5	26.8	39.0	182	190	100	95	NE	Calm	—	—	—	
9	7.753	7.752	27.0	29.8	24.7	40.0	147	166	100	100	NW	Calm	—	—	—	
10	7.756	7.766	24.5	27.0	23.2	41.6	115	147	87	100	NE	Calm	—	—	—	
11	7.754	7.761	30.6	31.0	25.7	41.0	156	174	91	100	NE	Calm	—	—	—	
12	7.700	6.687	31.0	31.0	27.2	35.6	119	161	68	93	SE	Calm	—	—	0.010	Dull, with ☁.
13	6.682	6.690	30.3	30.0	26.7	32.3	161	140	96	83	NE	NE	—	—	2.40	☁. ☁, 3 inches deep.
14	0.75	7.7	25.5	25.0	20.2	31.0	138	100	100	74	NE	Calm	—	—	—	Clear.
15	8.29	8.68	30.2	29.0	23.2	34.0	158	160	94	100	Calm	SE	—	—	—	Fine.
16	8.67	8.34	27.0	36.5	21.2	37.0	114	216	79	100	NE	SE	—	—	—	Dull, blowy and cold.
17	8.05	7.73	40.3	40.4	35.7	44.0	237	251	96	100	E	SE	—	—	3.15	Overcast.
18	6.86	6.93	41.7	42.1	38.6	44.5	255	266	96	99	SSE	SE	—	—	0.66	Dull and mild.
19	29.587	29.787	44.6	43.1	39.1	45.2	269	263	92	94	SE	ENE	—	—	—	Fine, with ☁.
20	30.007	30.119	42.6	44.1	40.3	44.5	264	269	97	93	E	Calm	—	—	—	Dull and mild. ☁
21	30.072	29.751	46.6	46.9	42.1	46.9	296	292	94	92	S	SSW	—	—	4.10	Dull and blowy. ☁ p.
22	29.536	29.647	41.1	41.6	38.1	47.4	238	224	93	86	SW	WNW	—	—	1.70	☁ showers. ☁ 3.50 p.
23	5.82	3.18	41.7	36.0	35.2	45.0	242	204	92	96	SW	NW	—	—	2.73	☁ showers.
24	5.20	6.92	38.1	36.0	32.5	41.6	191	191	83	90	NW	NW	—	—	0.20	Cold. Large ☁
25	6.94	6.44	39.9	41.9	33.2	42.5	229	250	94	95	W	NNW	—	—	0.49	Dark. ☁ showers.
26	5.29	4.34	35.3	35.2	31.7	42.5	193	204	93	99	NW	Calm	—	—	—	Dull. ☁
27	4.56	5.34	33.8	34.5	30.7	36.6	158	170	81	85	Calm	E	—	—	3.90	Dull. ☁. Fine p.
28	2.75	2.11	35.5	48.2	31.8	50.4	107	317	95	95	NE	W	—	—	3.55	☁ a. Dark. ☁ (1 inch deep).
29	4.01	2.54	47.0	51.0	43.6	51.0	308	361	96	97	WNW	SW	—	—	8.00	Dull and mild. ☁
30	1.41	4.11	48.5	38.4	37.1	52.9	390	193	86	84	SSW	NW	—	—	2.35	Dull and mild. ☁
31	6.68	7.90	31.6	38.7	28.7	39.5	155	195	87	83	NE	SE	—	—	1.90	Dull and cold. ☁ Large ☁
32	29.693	29.677	42.6	43.1	34.7	45.5	269	279	98	100	S	SE	—	—	6.15	Dull. ☁
Menns	29.625	29.622	36.4	37.1	31.9	41.7	202	210	90.9	92.3	—	—	—	—	5.592	

SCALEBY (NEAR CARLISLE).

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

DECEMBER 1882.

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.	29° 9'83	29° 8'	28° 8'	27° 8'	35° 0'	in.	in.	°/144	°/155	E	2	E	2	1	0	—	Squally p. Squally before 9a.
2	°900	°464	34° 3'	37° 8'	26° 0'	38° 0'	°166	°187	84	83	SE	5	SE	10	10	10	°030		
3	29° 309	°051	40° 3'	42° 8'	33° 6'	43° 0'	°221	°251	89	91	S	2	Calm	0	10	10	°250		
4	28° 012	°060	39° 4'	34° 8'	33° 2'	43° 0'	°227	°180	95	89	Calm	0	E	4	10	0	°190		
5	29° 400	°494	33° 0'	29° 0'	28° 5'	34° 8'	°156	°151	84	95	NE	8	NE	5	7	0	°200		
6	°499	°374	27° 6'	29° 8'	26° 0'	30° 8'	°148	°162	98	68	N	2	N	8	5	10	°100		
7	°384	°536	30° 3'	33° 8'	33° 0'	35° 0'	°128	°172	76	83	NE	4	N	1	8	0	—	✱. ↗ ²	
8	°647	°647	31° 8'	32° 6'	31° 5'	33° 8'	°154	°145	86	78	N	3	N	5	8	10	—	✱. ↗ ²	
9	°666	°708	29° 3'	30° 3'	28° 0'	34° 0'	°159	°152	98	91	Calm	0	Calm	0	4	10	—		
10	°701	°720	29° 3'	27° 8'	23° 0'	32° 9'	°145	°149	90	98	Calm	0	E	2	5	10	—		
11	°714	°697	19° 8'	15° 8'	15° 8'	28° 5'	°103	°085	96	96	E	2	Calm	0	4	10	—		
12	°698	°710	17° 8'	24° 8'	15° 7'	25° 0'	°077	°130	80	97	Calm	0	N	2	8	10	—		
13	°619	°673	20° 8'	25° 8'	24° 5'	33° 2'	°149	°142	89	98	NE	2	SW	2	10	0	°010	✱ 9a.	
14	°715	°835	25° 3'	32° 8'	22° 8'	33° 0'	°121	°184	90	99	NW	2	NE	2	10	0	—		
15	°843	°843	34° 8'	35° 8'	30° 0'	36° 0'	°180	°188	89	90	NE	2	E	1	10	10	—		
16	°818	°797	37° 8'	39° 8'	35° 3'	40° 0'	°205	°223	91	92	E	1	SE	5	9	10	°390		
17	°719	°716	42° 3'	41° 3'	37° 9'	45° 0'	°236	°222	83	86	SW	1	SW	3	8	10	—		
18	29° 605	29° 815	43° 8'	43° 0'	40° 2'	44° 0'	°230	°248	84	90	E	2	NE	3	6	5	°030		
19	30° 036	30° 131	38° 8'	43° 8'	37° 2'	44° 0'	°224	°251	95	92	E	3	Calm	0	4	10	—		
20	30° 162	29° 845	44° 8'	47° 8'	39° 0'	48° 0'	°271	°260	92	78	W	2	SW	7	10	10	°190		
21	29° 608	°677	40° 8'	38° 8'	38° 8'	48° 9'	°213	°214	84	91	S.W	7	SW	5	3	6	°080		
22	°576	°387	38° 8'	39° 8'	36° 1'	43° 0'	°214	°213	91	88	SW	3	W	3	1	10	—		
23	°474	°683	34° 8'	31° 8'	30° 0'	40° 8'	°161	°177	80	99	SW	1	W	1	0	7	—		
24	°754	°662	27° 8'	38° 3'	26° 1'	39° 0'	°149	°230	98	99	NE	1	SW	1	5	10	°040		
25	°517	°411	37° 8'	34° 8'	34° 8'	40° 0'	°235	°192	99	95	N	1	Calm	0	10	10	°060	✱ ~~~~	
26	°398	°531	32° 3'	31° 8'	29° 4'	35° 0'	°170	°166	93	93	NE	1	Calm	0	8	3	°410		
27	°305	°290	40° 8'	50° 3'	31° 3'	50° 5'	°253	°323	99	89	Calm	0	SW	8	10	10	°140	Squally 9p.	
28	°408	°327	49° 6'	50° 8'	47° 0'	51° 0'	°306	°342	87	92	SW	6	SW	8	10	10	°320	Squally a. and p.	
29	°263	°213	50° 8'	44° 8'	44° 1'	52° 0'	°294	°250	79	84	SW	7	SW	7	10	10	°100	Squally all day.	
30	°703	°827	31° 8'	38° 8'	30° 0'	45° 0'	°154	°178	86	76	S	2	E	3	10	9	—		
31	29° 742	29° 715	42° 3'	45° 8'	38° 0'	47° 0'	°221	°294	83	95	SW	5	Calm	0	10	10	°450		
Means	29° 615	29° 604	34° 1'	36° 3'	31° 4'	39° 7'	°188	°201	89° 1'	91° 3'	2° 5'		3° 2'	7° 2'	7° 1'	2° 900			

SCARBOROUGH.

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

DECEMBER 1882.

[illegible]

DOUGLAS, ISLE OF MAN.

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

DECEMBER 1882.

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.	40°	41°	40°	43°	in.	in.	%	%	ESE 4	E 2	10	10	ins.	☼☼☼ (mist) a. and p.
2	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
3	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
4	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
5	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
6	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
7	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
8	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
9	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
10	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
11	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
12	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
13	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
14	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
15	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
16	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
17	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
18	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
19	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
20	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
21	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
22	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
23	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
24	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
25	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
26	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
27	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
28	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
29	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
30	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
31	29° 915	29° 955	40°	41°	40°	43°	231	237	93	93	SSE 4	SW 4	9	4	104	☼☼☼ (mist) a. and p.
Means	29° 631	29° 595	39° 8	39° 2	36° 0	42° 8	227	227	90° 3	92° 2	2° 9	3° 4	7° 5	6° 5	4° 9	46

WAKEFIELD.

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

DECEMBER 1882.

1	29°59'8	29°59'4	29°59'0	30°6'	25°3'	33°9'	1°51'	1°71'	95	100	NNW 2	W 2	10	6	—	⚡ ² a. Fine after 11.30a.
2	29°59'8	29°59'4	29°59'0	30°6'	25°3'	33°9'	1°51'	1°71'	95	100	NNW 2	W 2	10	6	—	⚡ ² a. ⚡ ⁰ gp.
3	29°435	29°091	39°9	42°8	31°2	44°7	2°31	2°67	95	97	S 2	ESE 2	8	10	100	Dull.
4	28°928	28°968	39°9	37°1	35°4	44°2	2°08	1°99	85	90	W 3	NW 3	7	10	100	⚡ ⁰ gp.
5	29°121	29°366	36°1	33°3	32°6	37°8	1°95	1°58	92	84	NNW 5	N 5	10	10	110	⚡ ⁰ gp.
6	357	173	31°0	32°2	30°1	33°8	1°49	1°47	85	80	N 2	NE 6	4	10	400	⚡ ² 3p.—7p. ⚡ ² 6 to 8 ins.
7	268	394	33°7	35°1	32°0	35°8	1°68	1°83	86	80	N 3	NW 3	10	10	360	[deep, causing great delay to foot and railway traffic.
8	475	545	34°4	34°9	33°2	36°8	1°90	1°85	96	91	N 4	N 3	10	10	250	⚡ ⁰ ga. Dull.
9	669	677	36°1	35°7	32°2	36°9	1°79	1°80	85	86	WNW 3	W 3	9	10	020	Dull.
10	738	750	32°1	30°4	20°4	36°8	1°46	1°10	80	100	W 2	NW 2	10	10	—	Dull.
11	746	732	30°0	15°8	15°1	26°0	1°08	0°89	100	100	N 2	N 2	10	10	—	⚡ ² a. ⚡ ² p.
12	757	686	14°2	27°0	12°9	20°3	0°82	1°47	100	100	WSW 2	SW 1	10	10	150	⚡ ² a. ⚡ ²
13	596	685	32°5	33°1	27°0	32°6	1°68	1°79	92	99	SW 2	SW 2	10	10	260	⚡ ⁰ ga. and during day.
14	784	816	34°1	34°9	32°0	34°9	1°95	1°94	99	96	SW 1	W 1	10	10	040	Overcast.
15	889	901	34°1	35°2	34°0	36°8	1°95	2°04	99	99	SE 1	SE 2	10	10	150	Overcast and gloomy.
16	930	821	34°9	37°1	34°6	37°8	2°01	2°19	99	99	ESE 1	W 2	10	10	020	
17	807	755	40°0	41°1	35°7	42°9	2°45	2°56	99	99	SE 2	SE 2	10	10	030	
18	29°684	29°812	42°2	40°5	39°7	43°7	2°05	2°30	98	99	ESE 2	SE 3	10	10	—	⚡ ² all day.
19	30°075	30°174	39°1	38°2	37°2	41°4	2°37	2°39	99	99	S 2	S 2	10	10	—	Fine.
20	30°226	30°028	43°4	46°2	37°3	48°0	2°73	2°58	97	84	S 2	S 3	10	6	090	Fine, but wind rough and boisterous.
21	29°746	29°767	42°2	44°4	40°6	46°9	2°23	2°21	84	75	W 4	W 7	3	4	070	
22	766	391	41°4	41°1	36°8	44°4	2°16	2°52	83	97	W 3	SW 3	5	10	—	Fine and bright.
23	462	706	37°9	34°5	34°2	42°9	1°91	1°70	84	85	W 3	W 3	0	0	—	
24	811	728	32°1	38°1	29°9	43°0	1°46	1°96	80	85	SW 2	SW 2	2	8	—	
25	612	458	36°2	38°1	34°0	39°8	2°05	2°28	96	99	NNW 3	NNW 2	10	10	600	
26	870	595	34°0	36°1	33°2	38°8	1°91	2°07	98	97	W 1	SE 2	10	10	300	
27	413	458	38°1	54°4	36°1	55°0	2°24	2°38	97	72	NNW 4	W 5	10	10	020	Dull.
28	489	508	52°5	53°4	37°6	54°8	3°29	3°18	83	78	SW 4	SSW 5	9	7	030	Dull.
29	388	323	54°2	49°0	48°5	55°8	3°34	3°38	79	68	SSW 3	SSW 6	10	6	010	Fine.
30	743	865	38°7	37°9	37°3	49°0	1°84	1°91	79	84	ENE 2	E 2	10	10	—	Overcast.
31	29°860	29°773	39°7	45°3	37°4	46°0	2°34	2°98	96	99	SSE 2	S 2	10	10	150	Dull, with ⚡ ⁰ showers.
Means	29°647	29°633	36°2	37°3	32°5	40°9	2°00	2°08	91°6	91°0	2°5	2°9	8°6	8°9	3°490	

LLANDUDNO.

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

DECEMBER 1882.

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.	9 p.m.		
1	ins.	ins.	37.4	37.8	34.8	40.0	ins.	ins.	86	89	S	1	SW	1	10	0	ins.	☁ p.
2	29.920	29.972	37.4	37.8	34.8	40.0	29.972	29.972	86	89	S	1	SW	1	10	0	ins.	☁ p.
3	29.956	29.975	40.0	43.0	35.0	43.2	29.975	29.975	84	84	S	1	SW	5	9	5	ins.	Fine till 3.30 p., then ☁ showers. [Squally 9 p.]
4	29.941	29.977	40.0	46.7	41.8	48.0	29.977	29.977	82	92	SW	1	SW	1	10	10	ins.	☁ p.
5	29.948	29.973	42.8	41.0	39.2	46.7	29.973	29.973	88	92	W	3	NW	2	7	10	ins.	☁ p.
6	29.956	29.973	39.3	36.8	35.0	41.0	29.973	29.973	73	75	E	8	NE	7	10	2	ins.	Stormy, with ☁ showers. Stormy and cold. ☁ Noon. Squally ☁ (heavy gale) and very cold. [☁ p.]
7	29.943	29.977	38.7	32.0	30.0	36.8	29.977	29.977	67	100	E	6	E	12	8	10	ins.	Squally ☁. Dull. [☁ p.]
8	29.907	29.977	38.2	39.2	31.4	39.8	29.977	29.977	86	82	E	8	E	5	10	3	ins.	Squally ☁. Dull and cold. [☁ p.]
9	29.901	29.978	38.9	38.1	37.2	39.2	29.978	29.978	85	82	E	7	E	5	10	10	ins.	Squally ☁. Dull and cold. [☁ p.]
10	29.909	29.978	38.8	35.2	34.5	39.7	29.978	29.978	82	90	N	1	N	1	8	0	ins.	Very fine. [☁ p.]
11	29.952	29.978	31.0	32.0	29.5	35.2	29.978	29.978	85	85	W	1	W	1	9	0	ins.	Very fine. [☁ p.]
12	29.962	29.978	29.4	29.6	27.0	32.0	29.978	29.978	81	62	SW	1	W	1	0	0	ins.	Very fine. [☁ p.]
13	29.975	29.978	30.7	31.0	25.5	35.2	29.978	29.978	75	85	W	1	SE	1	10	10	ins.	Dull. ☁ from 4.30 p. [Dull.]
14	29.986	29.978	33.1	35.0	29.8	35.0	29.978	29.978	88	84	SE	1	SE	1	10	10	ins.	☁ before 9 a., ground covered. ☁ before 9 a., ground covered. [Dull.]
15	29.902	29.978	33.5	35.5	32.5	35.7	29.978	29.978	95	100	NE	1	NE	1	10	10	ins.	☁ before 9 a., ground covered. ☁ before 9 a., ground covered. [Dull.]
16	29.916	29.978	36.1	40.8	34.2	41.2	29.978	29.978	93	86	SE	1	S	1	0	10	ins.	Dull. Thawing, but ground still covered with snow. [Dull.]
17	29.973	29.978	40.8	42.8	38.5	43.1	29.978	29.978	92	91	SE	2	SE	1	10	10	ins.	Fine till 4 p., then ☁. [Dull.]
18	29.957	29.978	42.4	45.0	40.8	48.2	29.978	29.978	97	92	SSW	1	SW	1	7	10	ins.	Very fine till 8 p., then ☁ showers. [Dull.]
19	29.955	29.978	47.3	47.6	43.0	49.0	29.978	29.978	78	90	SE	1	SE	1	9	10	ins.	Fine a. At noon a dark heavy cloud [Dull.]
20	29.964	29.978	42.0	46.8	40.2	48.0	29.978	29.978	87	82	SE	1	SE	1	0	5	ins.	Fine. ☁ p. ☁. [came on, then ☁.]
21	29.912	29.978	44.4	48.2	42.4	49.0	29.978	29.978	88	85	S	1	SW	3	8	10	ins.	Fine. [Dull.]
22	29.909	29.978	44.0	44.5	42.8	49.8	29.978	29.978	82	81	W	2	W	4	7	8	ins.	Fine. [Dull.]
23	29.929	29.978	42.6	42.7	40.4	46.0	29.978	29.978	82	88	W	1	W	2	0	6	ins.	Fine a. [Dull.]
24	29.952	29.978	42.0	41.8	40.2	43.0	29.978	29.978	81	76	NW	2	N	2	5	9	ins.	Fine. [Dull.]
25	29.910	29.978	40.0	43.0	38.2	43.8	29.978	29.978	92	92	SW	1	W	1	5	10	ins.	Very fine till evening, then ☁. [Dull.]
26	29.954	29.978	43.8	42.3	41.0	47.8	29.978	29.978	97	99	SW	1	SE	1	10	10	ins.	☁ all day. [Dull.]
27	29.923	29.978	45.0	45.0	42.3	49.8	29.978	29.978	100	100	NE	1	E	1	10	10	ins.	Dull. [Dull.]
28	29.952	29.978	53.0	52.2	44.0	53.4	29.978	29.978	87	85	SW	3	SW	5	10	10	ins.	Fine and mild. [Dull.]
29	29.953	29.978	50.0	55.0	49.3	55.2	29.978	29.978	99	87	SW	3	SW	6	10	10	ins.	Fine and mild. Windy. [Dull.]
30	29.921	29.978	51.0	45.0	44.8	55.0	29.978	29.978	83	84	SW	5	W	7	3	1	ins.	Very fine. [Dull.]
31	29.936	29.978	40.3	39.0	34.5	45.0	29.978	29.978	92	92	E	2	SE	1	10	10	ins.	☁ and ☁ (sleet) from the East. [Dull.]
Means	29.950	29.978	40.8	41.4	37.4	44.0	29.978	29.978	87.0	87.5	2.3	2.7	7.6	7.4	3.561			

BUXTON.

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

DECEMBER 1882.

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.	9 p.m.		
1	30.020	30.045	28.7	28.6	25.9	33.0	30.045	30.045	87	100	NNW	1	NNE	1	0	10	ins.	☁ a. and p. [Dull.]
2	30.080	30.078	31.4	33.4	27.0	33.5	30.078	30.078	81	98	S	2	SW	4	0	10	ins.	☁ p. [Dull.]
3	29.987	30.078	37.0	38.9	28.6	40.3	30.078	30.078	97	99	SW	2	SW	1	8	10	ins.	☁ before 9 a. ☁ p. ☁ 9 p. [Dull.]
4	29.930	30.018	34.0	38.3	33.7	41.7	30.018	30.018	98	94	W	2	W	2	10	10	ins.	☁ a. and p. [Dull.]
5	29.909	30.018	38.1	29.7	28.0	39.0	30.018	30.018	88	88	NNE	4	NE	3	7	10	ins.	☁ before 9 a. ☁ p. ☁ 9 a. [Dull.]
6	29.902	30.018	29.3	31.4	27.5	31.5	30.018	30.018	87	95	NNW	1	NE	3	8	10	ins.	☁ before 9 a. ☁ p. ☁ 9 a. [Dull.]
7	29.918	30.018	26.9	33.9	23.0	33.0	30.018	30.018	100	92	NE	3	NE	3	10	10	ins.	☁ before 9 a. ☁ p. ☁ 9 a. [Dull.]
8	29.926	30.018	33.4	33.5	31.0	33.8	30.018	30.018	85	84	NE	4	NE	1	10	10	ins.	☁ before 9 a. ☁ p. ☁ 9 a. [Dull.]
9	29.914	30.018	29.9	30.9	28.5	33.5	30.018	30.018	97	98	ESE	2	NW	1	7	10	ins.	☁ before 9 a. ☁ p. ☁ 9 a. [Dull.]
10	29.907	30.018	29.4	9.6	9.0	36.2	30.018	30.018	93	85	NW	1	NW	1	4	10	ins.	☁ p. [Dull.]
11	29.844	30.018	8.4	4.4	3.5	19.5	30.018	30.018	58	87	Calm	0	Calm	0	10	10	ins.	☁ a. and p. [Dull.]
12	29.849	30.018	14.9	28.4	4.0	32.5	30.018	30.018	100	88	Calm	0	SE	2	10	10	ins.	☁ a. [Dull.]
13	29.824	30.018	30.1	30.4	27.0	31.5	30.018	30.018	99	94	SE	2	SE	1	10	10	ins.	☁ a. [Dull.]
14	29.815	30.018	32.9	33.9	30.0	34.0	30.018	30.018	96	98	SE	1	SE	1	10	10	ins.	☁ a. [Dull.]
15	29.921	30.018	33.9	34.4	33.0	34.5	30.018	30.018	100	80	SE	2	SE	1	10	10	ins.	☁ a. and p. [Dull.]
16	29.945	30.018	34.6	35.1	33.0	35.5	30.018	30.018	99	99	SE	3	SE	1	10	10	ins.	☁ a. and p. [Dull.]
17	29.869	30.018	39.9	40.4	33.8	40.7	30.018	30.018	96	100	SSW	2	SE	3	7	10	ins.	☁ early a. and p. [Dull.]
18	29.688	30.018	40.0	40.4	38.8	41.2	30.018	30.018	96	96	SE	2	NE	3	10	10	ins.	☁ a. [Dull.]
19	29.907	30.018	38.4	41.4	37.6	42.2	30.018	30.018	96	99	SE	1	SE	1	10	10	ins.	☁ a. [Dull.]
20	29.989	30.018	44.4	42.4	40.3	44.6	30.018	30.018	88	86	SW	2	SW	3	10	8	ins.	☁ (mist) before 9 a. [Dull.]
21	29.994	30.018	37.9	38.9	34.9	43.1	30.018	30.018	91	92	W	4	W	4	8	7	ins.	☁ before 9 a. ☁ p. ☁ 9 a. [Dull.]
22	29.902	30.018	37.6	37.7	34.9	41.0	30.018	30.018	91	96	W	2	W	3	8	10	ins.	☁ before 9 a. ☁ p. ☁ 9 a. [Dull.]
23	29.904	30.018	36.4	34.9	32.9	41.0	30.018	30.018	95	95	N	2	NNE	1	9	7	ins.	☁ p. [Dull.]
24	29.842	30.018	31.7	34.7	29.0	40.0	30.018	30.018	98	95	N	2	W	1	2	10	ins.	☁ before 9 a. ☁ p. ☁ 9 a. [Dull.]
25	29.621	30.018	39.4	38.9	32.0	41.0	30.018	30.018	99	100	W	1	Calm	0	10	10	ins.	☁ a. and p. [Dull.]
26	29.476	30.018	33.1	34.8	32.8	41.0	30.018	30.018	100	97	E	1	S	1	10	10	ins.	☁ a. and p. [Dull.]
27	29.533	30.018	46.0	49.7	33.5	50.5	30.018	30.018	93	87	W	4	W	4	10	9	ins.	☁ (mist) p. [Dull.]
28	29.557	30.018	38.4	48.0	33.5	50.5	30.018	30.018	96	86	W	5	W	5	10	10	ins.	☁ a. and p. [Dull.]
29	29.447	30.018	50.3	45.6	45.4	50.6	30.018	30.018	97	79	SW	4	SW	5	10	6	ins.	☁ a. and p. [Dull.]
30	29.739	30.018	35.6	38.9	31.8	46.6	30.018	30.018	95	95	SE	3	E	2	7	0	ins.	☁ before 9 a. ☁ p. [Dull.]
31	29.923	30.018	35.9	41.4	31.8	41.8	30.018	30.018	97	97	E	1	E	1	10	10	ins.	☁ a. ☁ p. [Dull.]
Means	29.900	30.018	34.2	34.9	29.1	38.7	30.018	30.018	91.0	93.7	2.1	2.0	8.5	9.5	7.120			

HILLINGTON, NORFOLK.

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

DECEMBER 1882.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.				Cloud Amount.	
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CHURCHSTOKE.

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

DECEMBER 1882.

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.	34.4	33.9	33.0	35.0	ins.	ins.	100	100	NW 5	W 1	9	10	ins.	
2	29.948	29.993	34.4	33.9	33.0	35.0	1.181	1.179	92	92	NE 1	SSW 5	10	10	2.10	Dull, with $\frac{1}{2}$ (mist). $\frac{1}{2}$ 5p.-9p.
3	30.040	30.068	34.4	33.9	33.0	35.0	1.168	1.169	84	96	S 1	NW 5	10	10	2.10	
4	29.458	29.487	34.4	33.9	33.0	35.0	1.173	1.172	94	99	S 1	NW 5	10	10	2.10	
5	29.089	29.076	33.8	33.8	33.0	35.0	1.208	1.223	89	97	NW 3	W 5	5	10	1.70	
6	29.230	29.297	33.4	31.6	31.0	39.0	1.180	1.161	95	91	NNW 2	N 5	10	9	1.20	
7	29.419	29.434	29.4	29.9	29.0	33.0	1.148	1.166	92	100	NNW 2	N 5	4	10	2.10	
8	29.276	29.264	29.2	33.4	27.8	34.5	1.152	1.180	95	95	NNW 2	NNE 4	10	10	1.00	
9	29.502	29.529	33.9	33.9	32.0	34.5	1.179	1.184	92	94	NNW 3	N 2	10	10	0.40	
10	29.711	29.771	34.9	35.4	32.3	37.0	1.174	1.119	85	88	SSW 1	WNW 1	8	0	0.00	
11	29.798	29.773	34.8	31.9	31.2	33.5	1.072	1.099	72	86	W 1	NNE 2	3	0	—	
12	29.779	29.766	35.4	33.9	32.7	31.0	1.071	1.082	83	100	NE 1	N 1	0	0	0.05	
13	29.735	29.655	34.9	27.9	10.7	38.5	1.083	1.115	77	76	NE 1	E 2	9	10	3.60	
14	29.579	29.628	30.2	30.9	27.9	32.0	1.160	1.148	95	85	NE 1	NE 2	10	10	0.90	
15	29.723	29.846	32.4	31.9	28.0	33.0	1.160	1.146	83	81	NNE 1	NE 1	10	10	—	
16	29.868	29.854	33.9	34.4	31.9	34.7	1.184	1.188	94	96	E 2	E 1	10	10	0.60	
17	29.803	29.756	38.5	39.8	34.0	41.0	1.221	1.201	95	83	ESE 4	SE 2	10	8	2.55	
18	29.817	29.620	40.8	45.3	35.3	45.6	1.235	1.269	93	89	SE 2	SE 4	5	8	1.59	
19	29.560	29.749	45.1	44.8	44.0	47.3	1.272	1.275	90	93	SSE 5	SE 4	8	9	0.73	
20	29.029	29.203	39.8	43.3	38.0	45.4	1.240	1.271	99	97	SE 1	E 1	0	10	—	
21	29.278	29.076	45.1	44.3	42.0	47.4	1.272	1.254	90	85	SE 1	S 3	8	9	1.79	
22	29.868	29.935	42.3	41.3	40.0	47.6	1.219	1.236	82	92	WNW 5	NW 4	4	6	0.40	
23	29.778	29.464	39.8	40.3	35.7	45.1	1.237	1.241	97	97	NW 1	W 3	0	10	—	
24	29.656	29.803	38.3	35.4	34.0	42.1	1.204	1.177	88	86	NNW 2	NW 2	5	7	—	
25	29.911	29.778	34.3	38.8	30.5	42.1	1.179	1.231	90	99	W 1	S 2	6	10	0.30	
26	29.565	29.463	44.8	49.9	38.7	51.1	1.283	1.355	96	99	SE 1	SW 4	8	10	3.55	
27	29.422	29.526	47.9	46.3	45.0	51.4	1.292	1.304	83	97	SW 3	S 2	9	10	2.08	
28	29.505	29.553	49.4	51.9	41.5	56.1	1.343	1.318	97	83	W 6	W 7	8	7	1.00	
29	29.668	29.586	52.2	50.9	49.0	53.3	1.310	1.335	87	91	SW 5	W 7	8	6	0.03	
30	29.444	29.498	51.9	46.4	45.0	52.1	1.336	1.264	87	84	SSW 4	W 5	7	0	1.70	
31	29.643	29.882	38.1	37.9	35.0	46.4	1.235	1.214	98	94	SE 2	E 1	10	7	3.20	
Means	29.675	29.659	37.3	37.9	33.1	41.9	1.212	1.219	90.4	91.7	2.4	2.9	7.1	7.9	3.602	

GELDESTON (BECCLES).

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

DECEMBER 1882.

1	29.980	29.955	30.1	33.0	28.0	36.3	1.168	1.186	100	99	Calm	W 1	10	10	0.40	
2	30.092	30.037	33.4	37.0	29.8	39.7	1.189	1.191	99	87	Calm	S 4	10	10	2.60	
3	29.561	29.166	38.2	42.3	33.7	43.8	1.224	1.265	98	99	SSW 4	SSE 5	10	10	3.40	
4	28.980	28.996	40.7	40.0	39.3	48.7	1.222	1.209	88	85	W 2	WSW 3	10	10	1.20	
5	29.023	29.098	35.2	35.1	31.9	40.0	1.200	1.191	97	93	Calm	NNW 1	9	10	0.50	
6	29.102	29.137	34.2	33.1	32.7	40.8	1.196	1.168	99	89	Calm	S 2	2	1	1.10	
7	29.196	29.156	33.1	36.1	31.0	39.1	1.187	1.205	99	96	NNE 1	E 5	9	10	0.90	
8	29.299	29.341	35.1	36.3	33.8	37.8	1.185	1.208	90	97	NE 1	NW 1	9	10	1.10	
9	29.563	29.710	35.2	33.0	32.6	36.9	1.202	1.169	98	90	WSW 1	SW 1	10	0	—	
10	29.755	29.741	28.9	29.1	27.1	37.9	1.139	1.155	87	96	Calm	WNW 1	2	0	—	
11	29.733	29.750	26.2	25.1	24.9	33.8	1.139	1.132	98	98	Calm	WSW 1	1	0	0.20	
12	29.766	29.685	23.0	36.0	22.4	36.0	1.123	1.173	100	81	Calm	ESE 2	10	3	—	
13	29.593	29.646	39.0	38.9	34.8	45.7	1.218	1.235	92	99	SSE 2	E 1	10	0	—	
14	29.724	29.742	32.3	36.1	29.3	39.6	1.180	1.211	98	99	Calm	Calm	0	10	0.10	
15	29.854	29.898	38.8	41.0	34.0	41.8	1.234	1.257	100	100	Calm	ENE 1	10	10	0.30	
16	29.967	29.901	41.1	43.0	37.8	43.5	1.258	1.273	100	98	SSE 1	SSE 1	10	10	0.70	
17	29.919	29.846	44.8	44.1	42.4	46.2	1.283	1.285	96	93	S 1	SE 2	10	7	0.20	
18	29.747	29.820	42.7	41.8	40.9	45.9	1.257	1.247	93	94	SSE 2	E 1	10	1	0.10	
19	30.049	30.244	42.0	41.0	39.9	48.7	1.267	1.255	100	99	E 1	E 1	1	0	0.10	
20	30.339	30.302	40.1	42.7	34.7	42.7	1.248	1.261	100	95	Calm	S 3	10	10	0.60	
21	29.832	29.822	46.2	41.0	40.1	49.5	1.302	1.201	97	78	SW 2	W 3	9	0	0.20	
22	29.751	29.463	37.8	36.0	34.9	44.8	1.200	1.195	89	92	WSW 2	Calm	0	10	0.40	
23	29.399	29.610	36.8	35.2	33.1	41.5	1.186	1.182	86	88	W 3	WNW 1	1	0	—	
24	29.773	29.823	31.1	32.2	29.9	39.7	1.165	1.172	94	94	W 1	W 1	8	10	0.10	
25	29.597	29.431	39.4	39.8	31.8	40.9	1.237	1.243	99	100	S 1	Calm	0	10	0.50	
26	29.74	29.632	40.9	37.2	37.1	43.9	1.251	1.220	99	99	NE 3	Calm	0	10	0.20	
27	29.432	29.533	40.4	53.7	36.4	54.2	1.316	1.357	100	87	W 1	WSW 4	10	3	0.30	
28	29.645	29.700	53.3	51.2	51.1	55.0	1.367	1.397	90	79	WSW 3	WSW 4	10	10	—	
29	29.553	29.467	50.1	51.1	49.0	52.9	1.331	1.308	91	79	SW 4	SW 4	10	0	—	
30	29.743	29.827	42.1	39.0	38.0	51.4	1.226	1.218	85	93	W 1	E 3	10	10	0.50	
31	29.937	29.808	43.9	48.0	38.7	48.0	1.285	1.332	99	99	SSE 1	ESE 1	10	10	1.60	
Means	29.652	29.648	38.1	39.0	34.9	43.4	1.225	1.225	95.5	92.9	1.2	1.9	8.1	6.3	3.800	

CHELTENHAM.

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

DECEMBER 1882.

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	36.5	26.0	37.5	ins.	ins.	88	84	SE 3	SE 2	6	10	ins.	Fine day.
2	29.879	29.954	34.7	36.5	26.0	37.5	1.178	1.179	88	84	SE 3	S 9	8	10	1.50	Fine till 2p., then squally 2.
3	30.049	30.079	33.4	36.8	29.0	37.5	1.157	1.199	83	91	S 1	S 3	9	10	0.50	Fine a. from 4p.
4	29.487	29.683	43.2	50.7	35.8	51.0	1.270	1.352	96	95	W 1	W 5	7	9	0.20	Fine day. in the evening. [day.
5	29.079	29.089	40.7	41.4	40.0	51.0	1.217	1.210	85	81	NW 3	NW 6	10	10	0.30	* a. p. Gloomy miserable
6	29.090	29.275	34.4	35.8	33.5	41.4	1.170	1.179	85	86	NW 3	NW 6	10	10	1.50	* a. and p. Ground white all evening
7	29.320	29.665	31.2	30.4	30.0	36.1	1.166	1.164	95	97	NW 2	N 5	9	10	3.50	* 0 0. Very dull day.
8	29.209	29.273	25.1	34.5	25.0	34.5	1.128	1.189	95	95	NW 2	N 5	9	10	1.90	* 0 all day. A miserable day. [snow
9	29.557	29.559	33.5	34.1	33.0	34.8	1.187	1.184	98	94	N 5	N 1	10	10	—	—, Fine day. Ground covered with
10	29.674	29.736	34.8	24.6	24.0	37.1	1.181	1.128	89	97	W 1	Calm	0	6	0	— till 11a., then 2. A wretched
11	29.754	29.780	21.0	21.8	19.5	26.5	1.143	1.147	100	100	W 1	Calm	0	10	—	— all day. Very calm. [day.
12	29.767	29.741	19.5	18.3	17.5	21.8	1.053	1.099	100	100	W 1	Calm	0	10	—	* 0 n. Dull day.
13	29.660	29.614	28.5	31.2	17.0	31.2	1.155	1.158	98	91	SE 3	SE 3	7	10	3.00	* 2, 3 ins. deep a. 0 all day. 2
14	29.511	29.637	32.8	33.5	31.0	33.5	1.182	1.182	98	95	N 1	N 1	10	10	0.30	* a. Dull day with 0.
15	29.736	29.801	33.1	33.6	32.0	34.0	1.166	1.192	99	99	N 3	N 1	10	10	0.40	* a. Dull all day, with 0.
16	29.841	29.858	35.0	37.8	33.0	39.2	1.199	1.221	98	98	S 1	SE 4	10	6	0.10	Dull all day, with 0.
17	29.825	29.760	40.8	44.5	36.0	44.5	1.242	1.284	96	97	SE 4	S 5	10	10	1.00	Squally before 9p. Dull day.
18	29.824	29.634	46.0	46.2	44.0	50.0	1.274	1.283	86	91	S 4	S 5	5	10	0.50	* early a. Bright till 6p., then 0.
19	29.554	29.725	48.5	45.5	45.0	49.8	1.319	1.273	95	90	SE 6	SE 4	10	6	—	Fine. [Squally 2 at night
20	29.979	30.190	40.8	47.6	38.0	48.6	1.251	1.305	99	93	W 2	W 1	9	10	0.10	Fine and pleasant.
21	30.277	30.159	46.2	47.9	44.1	49.5	1.305	1.312	98	94	Calm	SW 3	10	8	—	2 shower 9a. Day very fine and
22	30.180	29.934	45.1	39.5	39.5	47.9	1.266	1.214	88	89	NW 5	SW 1	10	0	—	Bright and fine till 4p., then 0.
23	29.787	29.477	37.0	41.5	34.0	44.4	1.204	1.231	93	90	Calm	SW 1	3	10	1.00	—, Very fine and bright all day.
24	29.615	29.794	38.4	34.8	34.5	43.0	1.218	1.177	94	87	NW 2	NW 2	3	8	—	— (mist) — a. Very fine till 8p.
25	29.882	29.834	30.2	41.0	27.0	41.0	1.152	1.214	90	83	Calm	W 1	4	10	1.00	[then 0
26	29.583	29.491	47.2	52.8	39.0	53.6	1.313	1.366	97	91	SW 1	SW 3	10	10	3.60	* 9a. Dull, with 0 all day.
27	29.396	29.498	52.0	50.5	49.0	53.0	1.348	1.349	90	96	SW 4	Calm	0	10	2.30	Dull a. p.
28	29.537	29.627	54.0	52.4	40.2	55.3	1.361	1.343	86	87	SW 5	SW 4	8	7	0.70	Fine a. p.
29	29.701	29.673	52.0	52.9	50.0	53.5	1.351	1.331	90	83	SW 5	SW 6	10	10	0.10	
30	29.483	29.548	54.0	49.5	48.0	54.5	1.361	1.316	86	90	SW 5	W 5	10	5	2.70	— till 2p., then fine.
31	29.616	29.811	45.5	43.6	43.0	52.4	1.288	1.268	95	94	SE 3	Calm	0	10	2.10	* 2 a. Fine and bright p.
32	29.853	29.765	50.2	52.8	43.0	52.8	1.343	1.351	95	87	SE 3	SE 4	10	10	2.30	* 2 a. Dull p.
Means	29.652	29.651	39.0	40.1	35.1	43.3	1.231	1.238	93.1	91.8	2.7	2.8	8.2	8.7	3.160	

MARLBOROUGH.

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

DECEMBER 1882.

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.	28.8	30.8	25.4	33.9	ins.	ins.	100	100	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
2	29.985	29.978	28.8	30.8	25.4	33.9	1.58	1.72	100	100	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
3	30.120	30.105	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
4	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
5	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
6	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
7	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
8	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
9	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
10	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
11	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
12	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
13	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
14	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
15	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
16	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
17	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
18	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
19	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
20	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
21	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
22	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
23	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
24	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
25	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
26	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
27	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
28	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
29	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
30	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
31	29.550	29.541	28.7	30.7	24.9	30.1	1.30	1.88	100	93	Calm	0	10	10	ins.	☁ a. ☁ (mist) p.
Means	29.686	29.680	30.0	30.9	34.6	42.7	2.29	2.37	94.6	95.1	0.7	0.8	8.5	8.8	4.060	

MARGATE.

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

DECEMBER 1882.

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	29.978	29.975	35.8	37.0	31.6	41.0	2.10	2.15	100	99	Calm	0	10	10	ins.	☁ nearly all day.
2	30.009	30.003	35.8	36.5	33.8	39.5	1.93	2.04	92	95	NE	1	10	10	ins.	☁ a. then dull.
3	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
4	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
5	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
6	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
7	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
8	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
9	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
10	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
11	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
12	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
13	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
14	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
15	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
16	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
17	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
18	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
19	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
20	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
21	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
22	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
23	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
24	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
25	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
26	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
27	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
28	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
29	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
30	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
31	29.598	29.591	38.1	40.2	33.5	40.7	2.24	3.11	97	99	SW	4	10	10	ins.	☁ a. Cold wintry day. Milder at night.
Means	29.671	29.669	40.6	40.9	36.2	44.9	2.45	2.47	94.0	93.6	1.8	2.0	8.8	7.3	2.500	

STRATHFIELD TURGISS.

Height above Mean Sea Level, 195 feet. Long. 1° 0' W. Lat. 51° 20' N.

DECEMBER 1882.

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.	28.4	31.5	25.0	32.0	ins.	ins.	%	%	Calm	0	NE	0-1	10	10	ins.	☁ a. ☁ p.
2	29.991	29.979	28.4	31.5	25.0	32.0	1.40	1.72	91	98	Calm	0	SE	3-4	10	10	0.54	☁ a. and p. ☀ * op.
3	30.118	30.105	27.0	36.2	25.7	36.3	1.34	1.74	92	82	SW	2	W	2-5	10	10	0.02	
4	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	93	95	W	3	NW	3	0	2	0.05	
5	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	92	78	NW	2	NW	3	5	10	0.43	
6	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	93	83	N	3	E	3	7	9	—	* a. and p. Squally p.
7	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	93	83	E	3	N	3	8	10	0.34	* a. and p.
8	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	92	89	N	2	N	1	10	10	—	
9	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	88	89	NW	2	NW	0-1	7	0	—	☁ p.
10	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	88	93	Calm	0	Calm	0	10	10	—	☁ a. and p.
11	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	90	90	Calm	0	Calm	0	10	10	—	☁ a. and p.
12	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	90	85	SE	2	NE	3	10	10	0.27	☁ a.
13	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	95	95	S	2	NE	1	5	10	—	
14	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	96	96	SE	1	NE	1	10	10	—	☁ ga.
15	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	96	97	Calm	0	Calm	0	10	10	—	☁ ga.
16	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	96	93	SE	2	S	2	10	10	0.30	☁ a.
17	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	93	92	S	2	SE	3-4	10	10	0.77	Squally p.
18	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	93	90	SE	2	SW	2	10	8	0.13	
19	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	97	92	SE	1	SW	1	10	0	—	☁ p.
20	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	92	92	SW	1	SW	3	4	10	0.31	☁ a. p.
21	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	90	92	W	3	NW	2	4	0	1005	☀ a.
22	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	92	92	W	1	W	1	5	10	0.13	
23	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	83	85	NW	2	NW	2	1	1	—	
24	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	91	91	NW	1	NW	1	0	10	0.53	☁ a. ☁ p.
25	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	89	92	W	2	W	3-4	10	10	0.27	Squally p.
26	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	95	95	W	3	SW	2	10	10	0.15	Squally a.
27	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	93	93	SW	3	SW	1	10	10	0.11	Squally ga.
28	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	88	97	W	2	SW	3-4	10	10	0.30	Squally p.
29	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	95	85	W	3	SW	4	10	10	0.15	☀ a. and p. Squally p.
30	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	97	93	S	2	W	2	10	8	0.49	
31	29.558	29.541	27.0	36.2	25.7	36.3	1.34	1.74	96	95	SW	2	SE	1	10	10	0.20	
Means	29.606	29.684	30.1	40.1	34.5	44.2	2.23	2.37	92.1	90.9	1.7		1.9	7.9	8.3	2.185		

ST. LEONARDS.

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

DECEMBER 1882.

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.	35.5	34.8	32.2	44.1	in.	in.	189	178	88	N	1	E	1	— a. Very fine day.
2	29.999	29.941	35.5	34.8	32.2	44.1	189	178	88	88	ENE	1	S	5	10	☁ (mist) ga. Overcast all day.
3	30.104	29.988	31.0	30.7	28.9	40.2	151	205	86	84	SSW	5	SSW	3	10	☁ Almost constant ☁. ☁ p.
4	29.626	29.204	41.7	40.7	36.8	50.2	262	357	99	100	W	2	WSW	1	0	☁ Very fine day. ☁ p.
5	133	160	42.7	36.1	36.1	50.3	263	196	96	92	W	2	WSW	1	0	☁ and ☁ (sleet) p.
6	059	133	38.3	34.8	34.8	41.0	217	172	94	85	WNW	1	NW	1	9	☁ Overcast, with frequent ☁ showers.
7	211	171	35.9	32.6	31.3	37.1	188	141	89	76	WNW	3	NW	2	10	☁
8	137	105	31.6	32.8	29.8	34.0	167	183	94	98	N	2	NW	1	10	☁
9	218	495	34.0	33.0	31.8	36.4	189	165	95	88	N	1	N	1	10	☁
10	699	783	34.1	33.1	31.7	35.8	185	162	94	86	NW	1	NW	1	9	☁
11	766	749	30.7	30.6	29.8	33.5	146	164	85	96	N	1	N	2	8	☁
12	759	755	30.0	35.8	29.4	37.5	140	175	83	83	N	2	SSE	1	9	☁
13	732	634	32.6	36.5	32.1	36.7	166	181	88	84	ESE	4	ESE	4	10	☁ Overcast day.
14	585	623	43.7	43.7	36.3	48.4	242	260	85	91	SE	3	SE	1	2	☁
15	683	762	40.3	41.4	37.5	46.3	242	252	97	97	N	1	Calm	0	9	☁
16	859	929	40.7	45.6	39.2	46.9	252	304	99	100	N	1	Calm	0	10	☁
17	939	892	41.7	46.7	41.7	47.4	258	302	97	95	ESE	3	SSE	3	10	☁
18	947	777	46.5	47.3	46.1	48.0	298	304	94	94	S	1	SE	3	10	☁
19	29.701	29.769	44.5	45.4	44.0	48.0	273	283	93	94	SE	4	SE	1	10	☁
20	30.019	30.247	45.7	45.8	45.3	48.1	282	282	93	92	ESE	1	Calm	0	10	☁
21	30.358	30.244	41.8	47.3	41.7	48.2	262	312	100	96	ESE	1	SW	3	10	☁
22	29.965	29.999	47.1	38.9	38.9	48.2	320	213	98	91	SSW	4	W	3	10	☁
23	840	510	40.0	48.0	38.9	47.1	234	251	95	90	WNW	1	W	1	4	☁
24	572	738	36.9	37.6	36.7	44.3	193	184	89	81	WNW	4	NW	4	2	☁
25	855	922	34.9	36.9	32.0	41.5	171	176	90	81	NW	1	NW	1	1	☁
26	666	548	46.7	49.6	36.8	50.2	319	348	100	98	W	2	W	4	10	☁
27	396	670	49.6	47.6	47.2	52.4	346	330	97	100	W	5	WSW	5	10	☁
28	637	748	50.7	50.6	47.6	52.0	368	366	99	100	WSW	4	WSW	5	10	☁
29	827	848	50.2	48.9	48.4	51.6	348	309	96	90	WSW	6	WSW	4	9	☁
30	691	702	48.4	49.5	47.8	50.1	318	316	94	90	SSW	5	WSW	4	10	☁
31	797	904	48.5	50.3	48.5	51.9	324	352	95	97	SSW	3	W	3	10	☁
Means	29.955	29.871	48.5	49.7	48.0	51.6	336	357	98	100	SSW	1	SW	2	10	☁

BABBACOMBE.

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

DECEMBER 1882.

1	29.875	29.901	42.8	40.6	33.0	44.2	221	191	80	75	SSE	4	ESE	5	10	10	☁ Dull day. ☁.
2	30.086	791	38.7	43.8	37.8	43.8	215	270	92	95	Calm	0	SW	6	10	270 (mist) a. ☁. [- Noon.	
3	29.572	214	47.0	49.8	43.3	51.7	313	334	97	93	WSW	3	WSW	5	10	140 (mist) a. Scotch ☁ 11.45a.	
4	254	258	42.2	38.6	37.6	49.8	221	201	97	86	W	4	W	3	5	2 160 Parhelion 9.10a. ☁ in SE. 8.28p. ☁	
5	219	351	37.9	36.6	35.7	42.2	191	170	84	79	NW	2	NNW	3	4	10 1 ☁ n. ☁ 3.15p. - 3.20p. ☁ 19p.	
6	372	246	32.3	29.4	28.0	38.8	136	124	74	77	NNE	3	NW	3	3	0 630 ☁ n. ☁ p. ☁ (gale) 11a. - 1p.	
7	125	332	30.9	32.0	28.9	33.0	145	153	84	85	NNE	4	NNW	3	10	3 010 ☁ n. ☁ a. ☁ 1 in. deep ☁. ☁ +	
8	450	657	35.0	33.9	32.0	37.6	186	162	91	83	NNW	4	NNW	2	10	2 1 ☁ ☁ a. ☁ 1 in. deep ☁. ☁ all [thawed by 3p. ☁] 9p.	
9	760	789	32.8	28.1	28.1	44.0	154	151	83	98	WNW	2	WNW	1	2	1 1 ☁ till 10a. and after 6p. ☁ Fine day.	
10	768	770	29.1	28.6	24.1	41.7	146	139	91	89	NW	1	NNE	1	8	0 1 ☁ a. ☁ Fine day, with ☁ in [shade. ☁] p.	
11	766	666	26.8	39.1	20.4	39.6	122	168	85	70	NE	1	ESE	3	2	19 1 ☁ a. ☁. ☁ p. ☁ Wind E. 5p.	
12	587	496	36.9	36.9	35.8	39.5	181	204	83	93	ESE	3	ESE	4	10	10 400 ☁ ☁ a. ☁.	
13	461	560	40.0	40.5	36.9	45.8	247	247	100	98	ENE	1	E	2	10	10 1 ☁ a. ☁ Dull day. ☁ 5p. - 8p.	
14	679	780	40.7	38.3	37.3	41.3	243	227	99	99	NE	2	Calm	0	10	10 010 Very gloomy morn. with ☁ (mist). ☁	
15	831	814	43.8	46.8	37.1	49.3	281	279	99	88	E	2	S	4	10	10 130 Very dark and gloomy till 9.30a.	
16	748	734	46.8	47.0	45.1	49.2	279	307	88	96	SSE	5	SSW	4	10	10 250 ☁ 9.20p. - 10p.	
17	824	541	48.3	47.1	44.6	48.9	334	315	99	97	S	3	SSE	5	10	10 350 (mist) a. ☁	
18	471	29.643	47.5	47.3	45.0	48.5	317	317	97	97	SE	3	E	1	10	5 290 ☁ 3p. ☁ golden sunset. ☁ 1 p.	
19	29.925	30.102	46.9	44.6	43.0	49.0	322	285	100	96	NNE	1	ENE	1	7	1 1 ☁ n. ☁ a. and late p. ☁ Splendid	
20	30.298	250	45.6	45.0	39.0	48.8	209	285	98	95	WSW	3	WSW	3	10	3 080 ☁ ☁ till 9a. ☁ a. and p. ☁	
21	30.016	30.072	46.3	39.9	39.0	49.1	271	225	88	92	W	4	SW	3	10	8 1 ☁ 1.15p. - 9p.	
22	29.833	29.554	42.2	41.8	38.9	44.8	247	254	92	96	SW	2	NW	2	9	9 080 (mist) a. and p.	
23	785	882	41.5	38.6	38.2	46.7	199	205	97	87	WNW	4	W	1	2	9 1 ☁ Squally a. ☁ p.	
24	930	834	38.0	44.9	36.3	48.8	208	298	91	100	NW	1	SW	5	2	10 050 ☁ (mist) a. and p.	
25	706	684	50.4	52.0	44.5	54.0	345	366	94	94	W	5	WSW	5	10	10 110 ☁	
26	564	576	51.7	52.3	49.7	54.7	342	378	89	97	W	4	WSW	7	10	10 140 Squally ☁ p.	
27	697	761	52.8	52.3	52.1	54.2	382	384	95	98	WSW	6	WSW	6	10	10 210 ☁ (gale) ☁ all day.	
28	827	740	51.5	51.0	50.1	52.7	367	366	97	95	WSW	5	SW	7	10	10 110 ☁	
29	594	661	51.8	49.8	48.9	53.5	369	327	95	91	SW	5	WSW	7	10	3 310 Squally ☁ p.	
30	600	850	52.1	51.2	49.0	53.3	381	353	98	94	SW	7	WSW	4	10	10 130 ☁ a.	
31	29.823	29.816	49.6	52.8	49.1	52.9	348	385	98	96	SE	3	WSW	4	10	10 330 ☁ till 1p. ☁ Dull day.	
Means	29.692	29.689	42.6	42.6	39.0	46.7	258	260	91.4	91.3	3.1	3.5	8.3	7.5	3.880		

ST. AUBIN'S, JERSEY.

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

DECEMBER 1882.

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.	%	%	S by E 3	S 3	10	10	ins.	Gloomy a. ☁ p.
2	29.975	29.926	43.3	39.2	38.0	44.0	.231	.216	82	90	SE 2	S 4	8	10	.270	☁ p. ✱ ☁ (sleet) from 8.30p. [p.
3	30.130	30.015	37.5	36.3	35.0	40.2	.195	.192	87	90	SE 2	S 4	8	10	.725	Scotch ☁☁☁ a. ☁ all day. ☁ (gale) ☁☁☁
4	29.698	29.390	46.2	53.3	35.0	53.3	.313	.393	100	97	SW 2	SW 7	10	10	.520	☁ showers p. Distant ☁☁☁ (brilliant
5	.361	.345	48.5	42.2	40.0	53.5	.231	.221	68	83	NW 3	NW 2	7	4		☁☁☁ from 8p. [☁☁☁
6	.215	.326	43.8	42.3	39.0	46.0	.226	.209	78	78	NW 2	NW 2	7	9	.240	☁☁☁ showers all day. [Very gloomy.
7	.344	.257	35.2	35.3	34.1	42.7	.186	.158	90	77	Calm 0	NE 2	8	7	.150	☁☁☁ n. and a. ✱ ⁰ at times all day.
8	.108	.307	38.0	37.5	31.9	39.8	.176	.173	77	77	Calm 0	NE 2	6	9	.280	☁ n. and a. ✱ and ☁ ⁰ at times. Cold.
9	.428	.651	40.4	40.0	35.7	41.1	.200	.189	83	76	NW 3	NW 2	9	9	.482	☁ n. and a. ☁ at times all day. ☁☁☁
10	.796	.817	38.2	34.3	32.7	42.5	.192	.188	84	95	NW 2	N 1	9	3	.250	Fine early a. ✱ ⁰ p. ✱ ² sp. [p.
11	.792	.790	37.0	35.5	31.8	42.1	.200	.189	91	91	S 1	S 1	9	2	.025	☁ n. and a. ✱ ⁰ showers from 4p.
12	.797	.719	34.5	34.3	32.5	35.9	.176	.172	88	85	SSE 2	SE 3	10	9	—	Day gloomy and cold. First rainless [day since Oct. 31.
13	.634	.545	33.0	40.3	30.2	40.3	.167	.245	89	99	SE 3	S by E 4	10	10	.145	Gloomy. Warmer from 4p. ☁ ⁰ ☁☁☁ [from 4.30p.
14	.513	.586	44.6	46.0	40.3	46.8	.226	.283	77	92	S by E 3	S 2	5	0	.003	Cloudy a. Very fine and bright p. ☁☁☁ [p.
15	.640	.776	46.0	46.2	42.2	48.0	.203	.302	85	97	Calm 0	E 1	10	10	.013	☁ ² a. Day gloomy and mild.
16	.897	.913	47.5	46.7	43.8	49.2	.318	.279	97	88	Calm 0	SE 2	10	5	—	Gloomy a.
17	.858	.869	44.0	47.7	43.1	47.7	.263	.316	91	95	SE 4	S 3	10	10	.025	Gloomy a. Sea roaring op.
18	.922	.676	45.4	48.0	44.3	48.1	.302	.304	99	92	S by E 2	SE 3	10	10	.050	Day overcast.
19	.561	29.679	48.0	46.5	49.5	48.2	.309	.304	93	95	SE 3	Calm 0	10	9	.190	Gloomy.
20	29.962	30.209	47.3	48.3	44.3	48.5	.321	.339	99	100	Calm 0	E by S 2	9	10	.013	Very damp. ☁☁☁ at times p.
21	30.341	.312	48.3	48.3	44.0	52.0	.287	.531	85	98	SE 1	S by W 2	0	10	—	☁ a. Bright a. Gloomy p. Mild.
22	30.143	30.161	49.0	46.0	44.2	49.9	.322	.250	93	81	W 4	NW 1	10	8	.395	Gloomy a. ☁ at times p.
23	29.952	29.533	44.5	45.2	42.2	47.7	.271	.207	92	90	SW 3	N by E 2	10	10	.320	Gloomy. Scotch ☁☁☁ p.
24	.834	.924	46.2	43.5	42.4	50.0	.214	.223	69	78	NW 3	NW 2	5	9	.031	☁ ⁰ ☁ ⁰ ☁ ⁰ ☁ ² at times p.
25	.050	.968	42.6	46.4	40.5	50.1	.231	.204	85	94	Calm 0	SSW 2	5	9	.220	
26	.842	.818	51.2	52.0	45.2	52.0	.371	.377	99	97	W 3	W 4	10	10	.260	Gloomy and very mild. ☁☁ n. [n.
27	.690	.803	52.5	52.7	49.7	52.8	.362	.393	91	99	W by N 5	WSW 5	9	10	.505	☁☁ n. and a. Scotch ☁☁☁ p. ☁☁☁ [n.
28	29.859	.959	53.0	53.2	51.2	54.2	.397	.371	99	92	W 4	W 5	10	10	.105	☁☁ n. and a. Gloomy and very
29	30.005	.944	52.0	51.2	49.8	53.4	.335	.309	86	82	SW 4	SW 3	9	10	.020	Gloomy. Drying breeze. [mild.
30	29.785	.850	50.8	50.5	48.0	52.0	.353	.339	95	92	SW 3	SW 4	10	10	.135	
31	.840	.081	51.5	53.0	49.0	54.1	.357	.347	93	86	SW 3	SW 3	10	7	.200	☁☁ a. Mild day.
32	29.919	29.988	51.3	52.0	48.6	54.2	.378	.385	100	99	SSW 3	WSW 2	10	10	.150	Scotch ☁☁☁ a. Day gloomy and damp
Means	29.768	29.776	44.9	45.0	41.1	47.7	.270	.277	88.5	90.2	2.3	2.6	8.5	8.4	5.926	

MARKREE CASTLE, SLIGO.

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

DECEMBER 1882.

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.	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	3	ins.	—
2	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	3	ins.	—
3	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	SSW	3	10	10	ins.	—
4	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	SSW	3	10	10	ins.	—
5	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	NW	2	8	5	ins.	—
6	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	2	0	ins.	—
7	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
8	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
9	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
10	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
11	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
12	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
13	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
14	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
15	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
16	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
17	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
18	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
19	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
20	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
21	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
22	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
23	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
24	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
25	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
26	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
27	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
28	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
29	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
30	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
31	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	Calm	0	10	10	ins.	—
Means	29.862	29.968	40.3	31.3	30.7	40.4	in.	in.	%	%	1.4	1.5	8.1	6.8	1.597	

DUBLIN.

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

DECEMBER 1882.

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	29.879	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
2	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
3	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
4	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
5	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
6	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
7	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
8	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
9	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
10	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
11	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
12	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
13	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
14	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
15	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
16	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
17	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
18	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
19	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
20	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
21	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
22	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
23	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
24	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
25	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
26	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
27	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
28	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
29	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
30	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
31	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	S	1	10	6	0.074	—
Means	29.896	29.968	39.0	38.1	37.1	41.5	224	231	94	96	2.3	2.8	6.7	6.1	3.782	

BIRR CASTLE, PARSONSTOWN.

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

DECEMBER 1882.

DECEMBER 1892.																		
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	30°9	30°7	43°6	in.	in.	%	%	Calm	0	NNE	0°3	10	0	ins.	☉ 10.30p.
2	29°890	29°904	38°5	30°9	30°7	43°6	°215	°100	92	92	SSW	1	WSW	1	10	6	°153	all day. Very cold.
3	°347	°108	45°1	40°4	40°4	48°0	°272	°262	90	88	SSW	1	S	0°5	10	7	°085	☁ 9a. Overcast all day.
4	°212	°188	37°1	40°8	34°8	43°4	°190	°223	86	88	W	0°5	SW	1°5	8	10	°076	Day dry and cold. ☉ 2p.
5	°485	°591	33°0	20°5	20°0	41°3	°157	°123	83	76	N	1°5	N	1	8	0	—	
6	°586	°572	23°9	26°5	20°8	32°0	°110	°134	86	94	NNW	0°5	NNW	1°5	0	0	—	[Low < 2° in E. and SE. 9p.—Mid
7	°575	°649	26°5	30°5	25°3	34°0	°095	°138	67	80	NNW	1	NNW	1°5	0	0	—	4.20p. Wind squally and very col
8	°790	°801	23°0	25°8	21°7	31°8	°105	°140	85	100	Calm	0	Calm	0	0	0	—	☉ 9p.
9	°807	°817	28°7	26°5	23°0	29°0	°143	°130	91	92	Calm	0	Calm	0	10	10	—	☁ all day.
10	°791	°779	30°3	18°4	18°2	26°6	°033	°087	76	87	Calm	0	Calm	0	10	10	—	☁ all day.
11	°732	°653	21°5	31°3	16°7	31°3	°098	°154	86	87	Calm	0	Calm	0	10	10	—	☁ during the day.
12	°628	°629	23°5	12°9	12°9	31°5	°109	°078	87	100	Calm	0	Calm	0	10	5	—	☉ a. ☉ ams. deep 9a. < in S
13	°676	°751	19°5	15°3	9°8	22°4	°073	°087	70	100	Calm	0	Calm	0	10	10	—	☁ all day.
14	°859	°845	20°5	14°8	13°9	23°2	°080	°075	79	89	Calm	0	Calm	0	6	5	—	☁ all day.
15	°663	°611	36°5	44°8	14°8	44°6	°197	°271	92	92	SSE	1°5	SE	1°5	10	10	°202	
16	°481	°583	48°0	41°3	40°2	48°1	°297	°238	90	91	SSE	4	SSE	1	10	10	°172	☁ (mist) a. Squally. ☉ 2 till a.
17	°677	°437	30°0	42°1	34°4	43°2	°210	°251	96	93	SE	0°5	SE	1	8	10	°028	a. ☉ 6.30p.—9p.
18	29°370	29°718	46°6	34°7	34°7	47°9	°269	°198	86	98	SE	4	Calm	0	8	2	—	☉ 9p.
19	30°000	30°133	27°3	29°9	26°4	35°8	°133	°152	89	92	Calm	0	Calm	0	5	5	—	☁ all day.
20	30°113	29°905	41°0	45°2	29°8	48°3	°235	°273	92	91	S	0°3	SSW	1°5	10	5	°342	☁ (mist) 9p.
21	29°920	°959	41°3	40°2	39°0	45°7	°209	°213	81	86	W	1°5	NNW	1°5	5	5	°016	☁ (mist) p.
22	°723	°630	40°0	37°4	37°0	47°7	°226	°187	92	84	SSW	0°5	W	1°5	9	3	°027	Squally 9p.
23	°847	°874	38°3	38°0	35°3	42°3	°187	°203	81	80	W	1°5	Calm	0	7	10	—	Squally a. ☁ (mist) p.
24	°865	°673	37°2	44°3	34°3	44°4	°208	°273	94	94	S	0°5	Calm	0	10	10	°665	
25	°535	°408	40°6	50°5	43°8	52°3	°335	°350	95	95	W	1	SW	1	10	10	°308	
26	°462	°390	48°0	51°6	46°8	51°8	°299	°363	90	95	W	0°5	WSW	1	10	10	°345	
27	°426	°494	53°0	51°5	50°9	55°8	°349	°319	84	84	SW	2	SW	4	10	8	°152	Overcast day. Very squally p.
28	°514	°340	52°5	53°9	50°7	54°3	°368	°340	93	85	SW	2	SW	2°5	10	10	°022	Squally a. and 9p.
29	°304	°606	48°3	39°3	38°9	54°5	°272	°207	81	87	SSW	2	SSW	0°5	10	0	°405	Squally a. ∞ 9p.
30	°525	°603	38°0	42°0	33°4	42°6	°206	°247	90	93	SE	1	SE	1°5	10	7	°253	☁ (mist) 9p.
31	29°667	29°581	48°7	51°0	41°4	53°5	°337	°351	95	94	SE	0°5	SE	1	10	10	°156	☁ (mist) a.
Means	29°655	29°642	36°4	36°3	36°9	41°8	°200	°205	86°3	90°5	0°9		0°9		8°2	6°4	3°407	

PART II.

MONTHLY SUMMARIES FROM STATIONS OF THE SECOND ORDER, 1882.

ON page 185 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 fifteen others, the results from which are given only in the form of Monthly Summaries.

The list varies from that for 1881 by the addition of Prestwich, (near Manchester), Margate, Helston, Glasnevin, (near Dublin), and Killarney; and the omission, owing to the removal of the observers, of Chigwell Row, Ramsgate, and Dartmoor. The total number therefore is increased by two.

The hours of observation were, as before, 9 a.m. and 9 p.m. 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, 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, but not those on which lightning was seen, but no thunder heard.

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 is 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 216-217 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.

Stations.	Observers.
Sandwick (Orkney) -	Rev. C. Clouston, LL.D.
†Dunrobin Castle -	Mr. D. Melville.
†Braemar -	James Aitken, F.R.Met.Soc.
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.
†Pinmore (Ayrshire) -	Mr. Peter Donald.
*Scaleby (near Carlisle) -	R. A. Allison, F.R.Met.Soc.
Seaham Harbour -	Mr. G. H. Aird.
Durham -	G. A. Goldney, Esq.
Aysgarth (Yorkshire) -	Rev. Fenwick W. Stow, M.A., F.R.Met.Soc.
*Scarborough -	F. Shaw, F.R.Met.Soc.
Douglas (Isle of Man) -	A. W. Moore, M.A., F.R.Met.Soc.
York (Museum) -	J. Wright (for W. Keeping, M.A., F.G.S.).
*Wakefield -	H. Clarke, L.R.C.P., F.S.S., F.R.Met.Soc.
Prestwich (Manchester) -	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 -	Mr. J. C. Smith, for Museum Authorities.
Uppingham -	Rev. G. H. Mullins, M.A., F.R.Met.Soc.
Oscott (Birmingham) -	Revs. J. MacElmail, W. Middleton, and J. W. Browne.
*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 (Pembroke) -	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.
*Strathfield Turgiss (Hants) -	Rev. C. H. Griffith, B.D., F.R.Met.Soc.
Southampton (Ordnance Survey Office) -	Mr. J. T. Cook (for Director General of Survey).
St. Leonards -	H. Colborne, M.R.C.S., F.R.Met.Soc.
*Babbacombe (Torquay) -	E. E. Glyde, F.R.Met.Soc.
Totnes -	T. H. Edmonds, F.R.Met.Soc.
Helston -	John Gill, Esq.
St. Aubin's (Jersey) -	J. E. Vibert, M.A.
Londonderry -	J. Conroy, F.R.Met.Soc.
Brookeborough (Colebrooke Park) -	W. Ferguson, for Sir Victor Brooke, Bart., F.L.S.
Markree Castle (Sligo) -	E. Salles (for Colonel Cooper, F.R.A.S.).
Glasnevin (Botanic Gardens) -	F. W. Moore, Esq.
Dublin (O.S.O. Phoenix Park) -	Corporal E. Lipscombe (for Col. R. H. Stotherd, 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.

SANDWICK

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

1882.	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. 29.926	40.7	40.3	40.5	39.0	46.2	32.0	30th	53.0	15th	in. 235	in. 228	in. 232	87	85	86
February -	852	40.4	39.9	40.2	38.2	46.1	29.6	28th	50.0	18th	235	229	232	89	88	89
March -	605	39.9	39.5	39.7	37.6	45.8	28.5	7th	53.2	9th	227	223	225	87	87	87
April -	787	40.2	39.0	39.6	37.7	46.3	30.3	16th	54.1	22nd	224	218	221	82	86	84
May -	991	46.6	44.2	45.4	42.4	54.2	35.6	8th	63.2	27th	281	267	274	79	86	83
June -	801	49.8	48.5	49.2	46.8	56.2	40.1	14th	62.6	2nd	334	320	327	88	89	89
July -	642	54.4	52.9	53.7	51.2	62.4	47.4	5th	65.4	22nd	383	369	376	80	84	82
August -	735	54.4	52.2	53.3	52.4	60.0	45.6	31st	68.2	13th	388	362	375	83	85	84
September -	781	50.2	48.9	49.6	47.8	56.1	40.0	12th	64.2	9th	334	321	328	84	85	85
October -	811	47.2	46.5	46.9	46.0	52.7	35.7	26th	63.5	2nd	302	295	299	86	89	88
November -	465	38.5	38.0	38.3	36.4	43.7	30.2	20th	51.2	1st	216	217	217	87	91	89
December -	29.596	34.7	34.9	34.8	32.5	39.8	25.7	8th	46.9	28th	193	195	194	93	93	93
Year -	29.749	44.8	43.7	44.3	42.3	50.8	—	—	—	—	279	270	275	85.4	87.3	86.4

DUNROBIN CASTLE

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

January -	ins. 30.015	41.6	41.4	41.5	36.2	46.6	27.5	4th	55.3	15th	in. 236	in. 229	in. 233	88.6	86.2	87.4
February -	29.921	43.3	41.6	42.5	37.2	48.2	24.0	16th	53.3	18th	252	238	245	89.0	89.2	89.1
March -	689	43.6	42.2	42.9	37.3	49.1	27.5	7th	56.4	21st	250	242	246	87.0	88.5	87.8
April -	29.797	42.6	41.4	42.0	37.2	47.0	27.7	16th	58.6	20th	241	234	238	87.8	89.4	88.6
May -	30.010	51.5	47.9	49.7	42.1	56.0	32.3	1st	64.6	19th	294	280	287	82.2	84.0	81.1
June -	29.792	54.4	51.7	53.1	47.2	58.8	38.4	11th	66.5	2nd	334	333	334	78.6	85.7	82.2
July -	661	59.2	56.4	57.8	51.0	63.5	45.7	26th	70.3	29th	396	398	397	79.0	87.5	83.3
August -	769	58.2	55.6	56.9	50.9	63.6	43.7	4th	78.2	11th	394	394	394	81.3	88.7	85.0
September -	29.805	53.8	50.3	52.1	45.9	57.8	37.6	12th	64.4	7th	338	322	330	81.6	88.2	84.9
October -	—	50.8	48.4	49.6	43.5	54.3	32.5	29th	66.3	1st	313	307	310	83.4	88.8	86.1
November -	29.515	38.3	39.8	39.1	33.6	45.2	28.0	14th	51.5	1st	209	214	212	89.0	86.4	87.7
December -	29.619	34.4	34.9	34.7	29.7	40.1	19.5	8th	47.3	28th	185	189	187	90.9	91.0	91.0
Year -	—	47.6	46.0	46.8	41.0	52.5	—	—	—	—	287	282	285	84.5	87.8	86.2

BRAEMAR

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

January -	ins. 30.064	38.3	38.5	38.4	34.9	43.5	22.0	4th	49.9	18th	in. 206	in. 207	in. 207	87.1	87.3	87.2
February -	29.960	39.0	38.2	38.6	34.3	45.3	24.1	15th	53.0	21st	206	205	207	87.0	87.7	87.4
March -	717	39.8	38.6	39.2	34.7	46.3	25.4	7th	55.3	16th	203	204	204	81.7	85.6	83.7
April -	782	38.4	37.5	38.0	32.3	46.8	22.4	8th	60.5	8th	187	192	190	80.6	85.0	82.8
May -	996	49.2	46.1	47.7	37.8	57.6	28.4	16th	70.5	17th	245	251	248	70.8	80.3	75.6
June -	780	52.3	49.8	51.1	43.4	59.2	34.8	17th	70.7	30th	315	308	312	80.3	85.1	82.7
July -	657	55.7	53.4	54.6	47.4	61.6	41.3	23rd	72.3	28th	343	355	349	77.6	86.8	82.2
August -	762	55.8	53.9	54.9	48.5	63.0	37.3	24th	77.4	10th	357	359	358	80.0	85.9	83.0
September -	805	48.8	46.8	47.8	41.8	55.4	29.8	18th	61.5	9th	303	294	299	87.2	91.8	89.5
October -	829	43.8	43.4	43.6	39.7	49.9	23.4	26th	62.5	1st	267	264	266	91.2	92.0	91.6
November -	554	33.6	34.3	34.0	29.5	40.9	15.2	30th	48.3	1st	174	182	178	88.8	90.3	89.6
December -	29.623	28.0	26.9	27.5	21.6	36.2	-8.3	15th	45.0	28th	155	149	152	94.5	93.5	94.0
Year -	29.794	43.6	42.3	43.0	37.2	50.5	—	—	—	—	247	248	248	83.9	87.6	85.8

SANDWICK.

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

1882.	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	7.2	7.7	ins. 3.150	ins. 4.40	6th	20	4	3	0	1	17	14	1	0	2	6	13	21	12	4	3
February -	7.5	7.2	7.4	3.200	4.50	17th	22	2	1	1	1	12	14	3	3	2	2	12	12	15	4	3
March -	6.9	8.0	7.5	5.810	7.40	6th	29	8	1	0	1	15	20	3	3	8	1	7	18	18	4	0
April -	6.8	6.3	6.6	1.900	2.80	24th	15	2	1	0	4	10	10	7	1	12	20	1	5	3	8	3
May -	5.7	4.5	5.1	1.370	2.70	11th	14	0	0	0	9	11	1	0	5	7	14	8	10	11	1	6
June -	7.8	7.0	7.4	3.430	4.20	3rd	22	0	3	0	2	16	2	5	4	9	13	2	6	6	13	2
July -	4.8	3.1	4.0	2.440	6.30	3rd	19	1	0	2	12	7	0	0	3	8	16	7	11	6	4	7
August -	8.1	8.1	8.1	2.590	4.10	1st	18	1	1	3	1	21	2	3	1	1	6	6	8	15	11	11
September -	7.0	7.3	7.2	3.040	6.30	9th	16	1	1	1	4	18	2	5	7	3	7	10	8	9	3	8
October -	6.3	5.8	6.1	3.100	7.70	19th	17	0	1	0	6	13	5	3	1	8	22	6	2	5	3	12
November -	6.4	6.7	6.6	4.020	6.80	18th	21	1	0	0	5	12	9	8	2	2	9	11	5	7	5	11
December -	8.7	8.1	8.4	4.720	7.50	10th	24	11	2	1	2	22	6	4	6	10	12	11	4	2	5	8
Year -	7.0	6.6	6.8	38.770	—	—	237	31	14	8	48	174	85	42	36	72	128	94	110	109	65	74

DUNROBIN CASTLE.

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

January -	—	—	—	ins. 3.050	ins. 5.50	2nd	17	1	0	0	—	—	—	2	2	6	7	1	12	21	11	0
February -	—	—	—	2.510	6.00	16th	14	3	0	0	—	—	—	6	2	3	5	4	11	23	2	0
March -	—	—	—	4.610	5.30	1st	22	6	1	0	—	—	—	2	5	6	2	5	11	24	7	0
April -	—	—	—	2.860	7.70	11th	14	4	0	0	—	—	—	3	6	29	3	3	5	4	7	0
May -	—	—	—	1.570	6.80	11th	10	0	0	0	—	—	—	4	5	21	8	8	4	10	2	0
June -	—	—	—	3.610	4.60	22nd	21	0	0	0	—	—	—	4	2	25	7	8	3	4	7	0
July -	—	—	—	4.250	7.00	8th	21	0	0	1	—	—	—	4	6	15	4	15	5	7	6	0
August -	—	—	—	2.150	5.40	28th	12	0	0	1	—	—	—	2	6	3	6	9	17	16	3	0
September -	—	—	—	3.000	4.80	23rd	18	0	0	0	—	—	—	6	10	12	7	3	10	9	3	0
October -	—	—	—	1.500	5.40	19th	11	0	0	0	—	—	—	2	5	5	11	12	10	10	7	0
November -	—	—	—	3.660	5.00	26th	18	0	1	0	—	—	—	9	5	5	3	4	7	10	17	0
December -	—	—	—	5.740	9.00	9th	19	5	0	0	—	—	—	4	5	19	5	2	5	11	11	0
Year -	—	—	—	38.510	—	—	197	19	2	2	—	—	—	48	59	149	68	74	100	149	83	0

BRAEMAR.

Thermometers, 4 feet 3 inches above ground. Rain-gauge, 9 inches above ground.

January -	7.0
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OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

LAUDALE

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

1882.	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°075	44°2	45°4	44°8	40°3	48°6	28°0	29th	52°7	{ 14th } 15th	in. °258	in. °261	in. °260	% 87·7	% 85·4	% 86·6	
February -	29°982	44·6	43·9	44·3	40·3	48·1	31·2	28th	52·8	{ 13th } 14th	°258	°254	°256	86·7	87·9	87·3	
March -	°750	45°2	44·3	44·8	39·4	48·5	28·5	21st	54·6	{ 8th } 9th	°258	°250	°254	84·5	85·0	84·8	
April -	°748	45·2	42·8	44·0	37·8	50·4	29·8	16th	64·8	8th	°247	°233	°240	81·7	83·9	82·8	
May -	°989	52·2	50·1	51·2	43·4	58·3	35·0	5th	71·6	19th	°299	°290	°295	76·8	80·5	78·7	
June -	°806	55·4	52·6	54·0	47·5	60·2	37·6	16th	71·8	2nd	°361	°343	°352	81·8	86·1	84·0	
July -	°662	57·9	55·7	56·8	52·1	62·7	47·3	8th	68·0	15th	°393	°385	°389	81·9	86·7	84·3	
August -	°806	56·9	55·2	56·1	51·3	61·8	40·2	31st	74·6	10th	°394	°382	°388	84·9	87·1	86·0	
September -	°804	52·4	50·8	51·6	46·1	57·4	36·3	30th	62·6	1st	°333	°327	°330	84·4	87·6	86·0	
October -	°795	49·2	48·1	48·7	44·5	54·0	33·0	27th	63·3	{ 11th } 12th	°333	°323	°328	93·5	94·4	94·0	
November -	°530	42·1	40·6	41·4	36·1	45·3	29·1	30th	53·3	1st	°243	°224	°234	89·6	87·5	88·6	
December -	29°593	36·8	37·7	37·3	32·6	41·3	23·2	9th	51·3	29th	°198	°201	°200	86·5	86·4	86·5	
Year -	29°795	48·5	47·3	47·9	42·6	53·1	—	—	—	—	°298	°289	°294	85·0	86·5	85·8	

DUNDEE

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

January	ins. 30.116	40.1	40.5	40.3	37.5	44.2	28.2	{ 4th } 29th	51.7	5th	in. .221	in. .224	in. .223	% 87.8	% 88.0	% 87.9
February	30.003	41.5	41.4	41.5	37.7	46.4	31.2	9th	56.7	21st	.227	.233	.230	86.4	88.5	87.5
March	29.754	43.4	41.6	42.5	37.4	48.9	30.2	{ 6th } 7th	57.7	16th	.228	.227	.228	80.2	85.1	82.7
April	29.780	43.3	40.8	42.1	37.6	48.2	28.2	8th	57.7	20th	.226	.225	.226	80.9	87.6	84.3
May	30.045	51.4	46.4	48.9	41.5	57.7	34.2	9th	67.7	30th	.283	.272	.278	74.8	86.2	80.5
June	29.805	55.0	50.8	52.9	47.6	61.9	38.3	11th	69.7	{ 20th } 30th	.345	.330	.338	78.9	87.9	83.4
July	.691	60.1	55.4	57.8	50.9	66.0	41.3	26th	75.8	2nd	.400	.384	.392	77.5	87.3	82.4
August	.782	59.3	55.8	57.6	50.2	67.1	39.3	31st	80.9	10th	.392	.381	.387	77.5	85.2	81.4
September	.813	52.9	50.5	51.7	45.0	59.7	35.2	12th	67.7	2nd	.341	.328	.335	84.7	88.8	86.8
October	.830	47.7	46.8	47.3	43.1	53.5	29.2	26th	64.7	1st	.302	.294	.298	89.5	90.5	90.0
November	.535	37.5	38.1	37.8	33.7	43.2	27.2	12th	49.7	{ 2nd } 3rd	.197	.205	.201	86.8	88.2	87.5
December	29.613	32.7	32.9	32.8	28.2	36.9	8.2	15th	47.7	28th	.174	.172	.173	89.6	87.8	88.7
Year	29.814	47.1	45.1	46.1	40.9	52.8	—	—	—	—	.278	.273	.276	82.9	87.6	85.3

ROTHESAY

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

January	ins. 30.150	42.4	42.9	42.7	38.3	46.6	29.2	29th	50.0	{ 14th } 15th	in. .251	in. .254	in. .253	% 91.5	% 90.6	% 91.1
February	30.035	42.9	42.5	42.7	38.4	47.4	31.2	16th	52.9	13th	.260	.258	.259	92.9	94.0	93.5
March	29.813	44.3	43.7	44.0	37.7	49.9	28.7	21st	57.5	16th	.256	.255	.256	87.1	88.7	87.9
April	29.772	45.1	43.1	44.1	37.9	51.4	28.0	16th	61.1	8th	.249	.243	.246	82.2	86.3	84.3
May	30.020	52.0	49.1	50.6	41.7	50.0	35.7	{ 3rd } 10th	71.3	19th	.314	.305	.310	81.1	87.0	84.1
June	29.827	56.2	52.8	54.5	46.2	62.3	38.1	12th	74.0	30th	.385	.366	.376	85.1	90.8	88.0
July	.706	58.7	55.5	57.1	50.5	65.1	44.1	26th	74.0	1st	.431	.420	.426	87.8	94.9	91.4
August	.838	58.1	54.4	56.3	49.3	64.4	40.1	31st	75.1	10th	.423	.398	.411	87.4	93.5	90.5
September	.830	53.9	50.6	52.3	44.7	60.2	35.5	30th	65.7	3rd	.368	.348	.358	88.2	93.7	91.0
October	.815	49.5	47.7	48.6	42.9	54.9	29.2	29th	62.1	1st	.337	.316	.327	94.3	94.4	94.4
November	.566	40.9	40.3	40.6	35.2	46.8	29.2	30th	55.0	5th	.238	.226	.232	90.8	89.4	90.1
December	29.624	36.4	37.1	36.8	31.9	41.7	20.2	13th	52.9	29th	.202	.210	.206	90.9	92.3	91.6
Year	29.833	48.4	46.6	47.5	41.2	53.4	—	—	—	—	.310	.300	.305	88.3	91.3	89.8

MONTHLY SUMMARIES.—LAUDALE—DUNDEE—ROTHESAY.

LAUDALE

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

1882.		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	7.0	7.6	ins. 10.340	ins. 1.400	4th	26	12	4	2	2	16	14	1	0	4	1	24	20	6	2	4
February	-	9.3	7.0	8.2	8.600	1.210	12th	23	6	2	1	0	18	9	1	1	7	3	9	16	13	3	3
March	-	8.2	7.5	7.9	8.560	.820	28th	28	17	6	0	0	18	14	5	1	9	0	3	21	17	5	1
April	-	5.9	5.7	5.8	4.690	1.390	16th	16	9	1	0	6	11	6	7	2	19	7	5	5	3	5	7
May	-	5.3	4.7	5.0	5.350	1.080	8th	15	4	1	2	8	8	1	2	3	12	6	8	6	8	4	13
June	-	7.3	6.8	7.1	5.900	.900	17th	18	1	1	5	3	13	1	0	0	5	7	5	10	4	10	19
July	-	8.3	8.1	8.2	8.820	2.010	3rd	26	0	0	1	0	20	1	0	0	0	1	7	17	8	4	25
August	-	8.5	8.1	8.3	4.330	.990	21st	22	0	0	1	2	22	3	2	0	3	3	4	3	11	14	22
September	-	7.8	6.6	7.2	6.220	1.510	27th	23	0	0	0	1	15	0	3	2	3	2	8	6	8	5	23
October	-	7.9	6.6	7.3	6.310	1.200	2nd	23	2	0	2	5	19	4	0	0	6	9	12	10	3	0	22
November	-	8.6	6.3	7.5	12.270	1.690	21st	24	17	6	1	1	15	10	2	0	8	6	12	7	11	7	7
December	-	7.5	5.7	6.6	8.250	1.550	20th	18	7	0	2	7	17	6	1	3	8	8	12	6	5	5	14
Year	-	7.7	6.7	7.2	89.640	—	—	262	75	21	17	35	192	69	24	12	84	53	109	127	97	64	160

DUNDEE

Thermometers, 3 feet 9 inches above ground. Rain-gauge, 5 inches above ground.

January	8.9	8.6	8.8	ins. 1.250	ins. .300	2nd	9	3	0	0	0	24	7	1	2	0	5	0	21	28	5	0
February	8.6	8.5	8.6	1.850	.500	12th	8	2	0	0	0	21	7	0	2	1	2	0	22	23	6	0
March	8.1	8.0	8.1	2.200	1.350	1st	14	5	0	0	2	20	16	1	3	0	6	0	17	26	9	0
April	8.3	8.6	8.5	4.350	2.650	13th	14	3	0	0	1	20	8	1	13	6	23	0	4	6	7	0
May	7.7	7.9	7.8	1.800	.500	7th	12	0	1	2	1	19	2	0	5	2	27	0	16	9	3	0
June	8.2	8.7	8.5	3.000	.650	22nd	15	0	0	1	1	20	2	2	5	4	22	0	16	5	6	0
July	8.2	9.0	8.6	3.900	.550	{ 14th } 25th	21	0	0	6	0	21	0	0	1	0	12	1	30	15	3	0
August	7.5	9.0	8.3	1.150	.350	31st	10	0	0	2	0	16	0	0	5	1	14	0	10	17	15	0
September	7.8	8.7	8.3	2.000	.450	1st	12	0	0	1	0	17	1	1	5	1	9	3	16	16	9	0
October	8.2	8.7	8.5	3.150	.650	15th	17	0	0	0	2	23	6	1	7	2	27	2	5	8	10	0
November	7.9	8.6	8.3	3.250	.500	{ 5th } 15th	17	4	5	0	1	19	10	2	5	0	10	0	8	15	20	0
December	8.0	8.5	8.3	5.700	1.050	4th	18	9	4	0	2	21	6	0	14	1	14	0	7	10	16	0
Year	8.1	8.6	8.4	33.600	—	—	167	26	10	12	10	241	65	9	67	18	171	6	172	178	109	0

ROTHESAY

Thermometers, 3 feet 11 inches above ground. Rain-gauge, 1 foot above ground.

January	-	-	-	-	ins.	ins.	4th	24	2	2	0	-	-	-	0	3	3	5	12	15	9	9	6
February	-	-	-	-	4.566	.786	16th	22	1	0	0	-	-	-	0	0	4	4	11	8	9	10	10
March	-	-	-	-	3.420	.540	6th	23	3	0	0	-	-	-	0	6	3	1	2	26	12	9	3
April	-	-	-	-	4.147	.760	18th	17	0	0	0	-	-	-	3	11	16	5	4	5	5	10	1
May	-	-	-	-	2.497	.856	8th	16	0	0	3	-	-	-	0	14	6	7	7	7	7	13	1
June	-	-	-	-	2.757	.783	8th	19	0	0	1	-	-	-	1	6	4	7	6	9	9	15	3
July	-	-	-	-	5.105	1.150	3rd	25	0	0	2	-	-	-	2	0	1	9	10	15	9	8	8
August	-	-	-	-	8.018	1.336	28th	17	0	0	2	-	-	-	2	1	1	6	6	10	8	23	5
September	-	-	-	-	4.124	.733	1st	20	0	0	0	-	-	-	3	4	6	7	6	7	5	11	11
October	-	-	-	-	5.520	1.340	2nd	20	0	0	2	-	-	-	0	8	15	13	5	7	4	4	6
November	-	-	-	-	5.457	1.000	7th	24	2	2	1	-	-	-	2	5	7	7	2	9	10	12	6
December	-	-	-	-	8.490	.855	3rd	19	3	0	1	-	-	-	1	12	8	8	6	5	3	7	12
Year	-	-	-	-	5.592	1.100																	
	-	-	-	-	59.693	-		246	11	4	12	-	-	-	14	70	74	79	77	123	90	131	72

PINMORE (AYRSHIRE) -

Long. 4° 59' W. Lat. 55° 14' N. Height above Mean Sea Level, 187 feet.

1882.	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°188	41°7	41°9	41°8	38°7	46°3	29°0	29th	52°1	3rd	237	237	237	89°4	88°7	89°1	
February -	30°054	42°9	43°1	43°0	38°9	47°5	29°0	16th	54°1	26th	254	246	250	91°5	88°1	89°8	
March -	29°840	43°8	42°4	43°1	37°6	50°1	31°0	31st	59°6	16th	249	241	245	86°4	88°1	87°3	
April -	29°764	46°5	42°5	44°5	35°7	53°0	22°0	9th	60°1	{ 8th 20th }	251	236	244	79°0	85°9	82°5	
May -	30°009	54°5	47°7	51°1	40°5	61°5	29°0	16th	72°9	22nd	318	285	302	74°9	86°1	80°5	
June -	29°819	56°4	52°0	54°2	46°6	61°9	37°0	16th	72°9	30th	369	340	355	81°3	87°4	84°4	
July -	715	58°3	54°8	56°6	50°9	63°8	43°4	26th	72°9	1st	397	388	393	81°8	90°1	86°0	
August -	845	57°9	54°6	56°3	50°0	63°7	37°4	31st	76°9	10th	401	385	393	83°6	90°3	87°0	
September	823	52°8	50°0	51°4	44°0	59°6	28°5	12th	65°0	{ 1st 14th }	354	330	342	87°9	91°6	89°8	
October -	806	47°1	45°7	46°4	40°7	55°1	24°5	26th	65°0	13th	297	280	289	90°2	89°6	89°9	
November	564	40°0	39°7	39°9	35°6	47°5	22°0	14th	58°1	5th	229	219	224	89°4	88°9	89°2	
December	29°626	34°4	34°1	34°3	28°7	40°5	5°5	15th	52°1	27th	187	189	188	86°9	89°5	88°2	
Year	29°838	48°0	45°7	46°9	40°7	54°2	—	—	—	—	295	281	288	85°2	88°7	87°0	

SCALEBY (NEAR CARLISLE)

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

January	ins. 30.215	41.3	42.2	41.8	37.6	45.3	30.0	4th	52.0	5th	230	233	232	88.0	86.5	87.3	
February	30.079	42.1	42.5	42.3	37.8	47.7	29.0	1st	58.0	21st	235	238	237	87.1	86.9	87.0	
March	29.848	44.4	42.4	43.4	37.3	50.9	29.3	23rd	58.2	13th	247	233	240	83.7	84.6	84.2	
April	29.759	45.3	42.5	43.9	37.7	52.3	26.5	16th	59.5	8th	239	236	238	79.0	86.4	82.7	
May	30.017	54.1	48.8	51.5	41.4	61.9	31.5	16th	75.5	18th	305	286	296	73.0	82.0	77.5	
June	29.821	56.3	52.4	54.4	46.1	63.1	36.0	16th	75.0	30th	351	339	345	77.3	85.5	81.4	
July	735	57.6	55.6	57.6	50.5	65.3	43.5	31st	72.2	1st	393	374	384	77.5	84.1	80.8	
August	833	58.5	55.4	57.0	49.6	66.0	39.0	31st	74.5	10th	419	400	410	85.5	90.9	88.2	
September	828	54.3	51.2	52.8	45.3	61.3	35.0	12th	67.8	9th	409	371	390	96.0	97.2	96.6	
October	817	49.5	47.2	48.4	43.4	54.9	31.0	26th	66.7	1st	339	316	328	93.6	94.9	94.3	
November	576	38.6	38.6	38.6	34.1	43.5	24.5	12th	55.8	5th	215	212	214	88.6	88.9	88.8	
December	29.610	35.1	36.3	35.7	31.4	39.7	15.7	12th	52.0	29th	188	201	195	89.1	91.3	90.2	
Year	29.845	48.3	46.3	47.3	41.0	54.3	—	—	—	—	298	287	293	84.9	88.3	86.6	

* Doubtful, see page 127.

SEAHAM HARBOUR

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

January	ins. 30.212	41.6	40.5	41.1	36.6	45.6	31.3	27th	52.7	24th	242	233	238	93	93	93	
February	30.086	43.3	42.1	42.7	38.0	48.3	28.8	2nd	56.2	13th	237	232	235	84	87	86	
March	29.835	47.7	42.6	45.2	37.8	53.0	29.8	7th	67.7	16th	264	242	253	81	89	85	
April	29.765	45.7	43.5	44.6	39.2	49.2	27.8	12th	61.7	21st	270	271	271	89	96	93	
May	30.039	53.9	48.0	51.0	42.6	57.7	34.6	19th	68.7	11th	307	290	299	74	87	81	
June	29.822	55.4	52.5	54.0	46.6	59.4	39.8	12th	67.7	6th	355	354	355	81	89	85	
July	750	62.1	55.9	59.0	51.4	66.0	46.8	26th	72.7	14th	409	391	400	73	87	80	
August	812	60.4	55.7	58.1	51.0	64.7	44.8	24th	79.7	11th	393	385	389	75	87	81	
September	829	54.9	52.2	53.6	46.8	58.8	40.8	12th	66.3	7th	358	353	356	83	91	87	
October	824	51.0	49.2	50.1	45.5	53.7	32.8	27th	67.8	1st	328	322	325	87	93	90	
November	567	41.1	40.9	41.0	36.8	45.5	26.8	18th	57.1	5th	230	227	229	89	89	89	
December	29.610	37.4	38.3	37.9	33.8	40.7	22.5	12th	51.7	29th	208	215	212	93	94	94	
Year	29.846	49.5	46.8	48.2	42.2	53.6	—	—	—	—	300	293	297	83.5	90.2	86.9	

PINMORE (AYRSHIRE.)

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

1882.	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.	Shower.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Shower.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	—	—	—	ins. 3.840	ins. .650	4th	21	—	—	—	—	—	—	5	0	6	3	12	2	16	18	0
February	—	—	—	3.390	.490	16th	21	—	—	—	—	—	—	10	0	6	6	12	6	7	9	0
March	—	—	—	4.060	.610	24th	21	—	—	—	—	—	—	8	2	2	6	5	12	7	20	0
April	—	—	—	3.440	.590	24th	16	—	—	—	—	—	—	6	6	11	17	6	3	6	5	0
May	—	—	—	2.210	.560	25th	13	—	—	—	—	—	—	2	3	4	2	24	9	10	8	0
June	—	—	—	3.710	.800	13th	16	—	—	—	—	—	—	23	0	1	2	21	8	2	3	0
July	—	—	—	6.090	.820	31st	24	—	—	—	—	—	—	8	0	0	2	28	12	9	3	0
August	—	—	—	4.050	.720	15th	20	—	—	—	—	—	—	19	0	0	1	8	9	4	21	0
September	—	—	—	5.700	1.040	1st	20	—	—	—	—	—	—	11	3	7	5	17	6	4	6	1
October	—	—	—	3.550	.650	19th	19	—	—	—	—	—	—	4	3	7	16	14	9	2	7	0
November	—	—	—	8.940	1.130	21st	24	—	—	—	—	—	—	14	1	4	7	8	1	8	17	0
December	—	—	—	4.570	.600	4th	21	—	—	—	—	—	—	8	2	8	3	18	7	3	13	0
Year	—	—	—	53.550	—	—	236	—	—	—	—	—	—	118	20	56	70	173	84	78	130	1

SCALEBY (NEAR CARLISLE).

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

January	8.4	8.5	8.5	ins. 2.380	ins. .540	4th	18	0	0	0	1	20	7	1	3	1	6	6	33	5	0	7
February	8.6	7.6	8.1	2.560	.610	25th	15	0	0	0	0	17	6	1	1	4	3	1	31	2	0	13
March	8.0	5.1	6.6	2.540	.460	24th	19	1	1	0	3	12	8	3	5	5	2	1	29	12	1	4
April	7.2	6.0	6.6	3.830	.780	23rd	14	0	1	0	4	14	2	5	5	23	3	0	14	1	3	6
May	5.4	5.1	5.3	1.480	.490	24th	8	0	0	0	7	9	1	1	2	18	4	4	17	4	0	12
June	6.9	6.3	6.6	3.210	.620	22nd	20	0	0	2	3	11	1	6	6	5	1	5	16	8	4	9
July	8.2	6.1	7.2	4.980	.640	6th	26	0	0	2	1	12	1	0	1	0	5	6	27	7	0	16
August	7.6	5.5	6.6	3.280	1.000	22nd	17	0	0	0	2	10	2	1	0	5	1	5	24	10	5	11
September	7.1	5.2	6.2	1.930	.560	14th	13	0	0	0	5	11	1	3	2	5	9	6	9	2	3	21
October	7.8	6.7	7.3	4.350	.570	15th	23	0	0	0	1	14	3	2	7	18	6	6	12	2	1	8
November	6.2	5.3	5.8	5.410	.690	3rd	22	1	4	1	4	7	6	6	7	4	3	3	25	6	3	3
December	7.2	7.1	7.2	2.990	.450	31st	17	4	0	0	1	14	8	7	9	10	3	2	15	3	1	12
Year	7.4	6.2	6.8	38.940	—	—	212	6	6	5	32	151	46	36	48	98	46	45	252	62	21	122

SEAHAM HARBOUR.

Thermometers, 4 feet above ground. Rain-gauge, 1 foot 9 inches above ground.

January	5.8	3.8	4.8	ins. 0.682	ins. .230	29th	9	0	0	0	6	6	0	0	2	2	1	13	23	12
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DURHAM*

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

1882.		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. 30°224	41°2	39°6	40°4	35°6	45°1	30°2	{ 26th 27th }	52°8	5th	in. 227	in. 218	in. 223	% 87°4	% 89°1	% 88°3
February	-	30°086	42°8	40°7	41°8	36°0	48°0	27°4	2nd	58°2	21st	241	229	235	86°8	88°9	87°9
March	-	29°846	46°5	41°2	43°9	35°9	51°8	28°7	22nd	65°4	16th	247	229	238	78°5	87°0	82°8
April	-	29°762	46°3	41°1	43°7	37°2	50°4	26°4	16th	61°0	21st	252	238	245	79°9	91°2	85°6
May	-	30°040	54°7	45°5	50°1	39°9	60°0	30°4	17th	69°3	18th	292	271	282	68°8	88°0	78°4
June	-	29°819	58°3	50°2	54°3	46°1	63°6	38°2	17th	69°7	20th	356	334	345	72°6	91°5	82°1
July	-	748	61°8	53°7	57°8	50°3	68°4	42°7	27th	74°2	29th	392	376	384	71°5	90°8	81°2
August	-	819	61°1	54°1	57°6	49°6	67°8	42°5	16th	78°4	11th	392	378	385	73°0	89°8	81°4
September	-	838	55°2	49°2	52°2	44°3	60°5	34°0	12th	68°8	3rd	350	332	341	80°4	93°9	87°2
October	-	833	51°0	46°7	48°9	43°2	54°1	29°4	26th	68°1	1st	328	307	318	86°7	94°3	90°5
November	-	576	41°2	39°0	40°1	35°1	45°1	24°4	18th	56°9	5th	230	215	223	86°9	89°1	88°0
December	-	29°625	34°8	35°2	35°0	31°2	38°9	14°3	11th	52°9	{ 28th 29th }	192	199	196	93°3	94°5	93°9
Year	-	29°851	49°6	44°7	47°2	40°4	54°5	—	—	—	—	292	277	285	80°5	90°7	85°6

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

AYSGARTH (YORKSHIRE) -

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

1882.	ins.	9 a.m.	9 p.m.	Mean.							9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January -	30°251	40°0	39°4	39°7	36°1	44°0	29°4	26th	50°4	3rd	219	211	215	87°6	87°3	87°5
February -	30°118	40°2	40°5	40°4	36°0	45°4	23°5	2nd	55°3	21st	217	217	217	86°7	84°9	85°8
March -	29°879	43°4	41°0	42°2	36°6	48°6	28°0	22nd	56°3	15th	232	218	225	81°6	83°3	82°5
April -	29°771	43°6	41°4	42°5	36°9	49°9	25°8	16th	60°0	19th	226	230	228	79°3	87°1	83°2
May -	30°046	52°2	46°6	49°4	39°9	58°2	32°0	17th	67°2	18th	265	251	258	67°7	78°6	73°2
June -	29°838	55°0	50°8	52°9	45°3	60°6	35°0	17th	68°8	29th	308	310	309	70°8	82°6	76°7
July -	767	58°0	53°8	55°9	49°7	64°0	39°9	1st	71°3	28th	362	357	360	75°4	85°8	80°6
August -	851	58°2	55°6	56°9	49°8	64°9	42°0	{ 16th }	76°0	{ 11th }	364	371	368	74°7	83°3	79°0
September -	852	52°2	49°2	50°7	44°0	58°4	35°1	16th	66°3	7th	319	315	317	81°9	88°9	85°4
October -	836	48°1	46°8	47°5	43°1	52°4	29°0	26th	65°0	1st	296	293	295	87°1	90°5	88°8
November -	604	39°2	38°5	38°9	34°1	43°5	22°2	18th	54°6	5th	216	203	208	86°3	85°3	85°8
December -	29°636	33°9	34°9	34°4	30°8	37°9	9°2	12th	50°8	29th	183	188	186	90°4	90°5	90°5
Year -	29°871	47°0	44°9	46°0	40°2	52°3	—	—	—	—	267	264	266	80°8	85°7	83°3

SCARBOROUGH

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

1882.	ins.	9 a.m.	9 p.m.	Mean.							9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
January -	30°251	40°7	41°0	40°9	37°5	44°4	31°0	27th	52°1	5th	232	236	234	90°8	91°4	91°1
February -	30°126	41°9	42°9	42°4	38°3	47°4	29°3	2nd	55°3	22nd	230	236	233	86°2	85°0	85°6
March -	29°878	45°0	44°3	44°7	39°4	51°5	31°6	22nd	66°3	16th	249	245	247	82°6	83°3	83°0
April -	29°763	45°5	44°2	44°9	40°8	49°6	31°5	16th	63°3	21st	257	256	257	84°6	88°4	86°5
May -	30°052	52°6	49°1	50°9	45°3	56°8	36°6	9th	68°8	29th	295	290	293	74°7	82°7	78°7
June -	29°835	55°3	52°7	54°0	49°5	59°9	42°6	13th	65°8	4th	342	340	341	78°7	85°0	81°9
July -	779	60°8	57°5	59°2	53°7	65°3	49°4	27th	70°8	14th	385	396	391	72°8	83°9	78°4
August -	830	60°2	57°0	58°6	53°0	64°5	47°7	16th	74°7	11th	388	382	385	74°9	81°9	78°4
September -	846	55°3	53°7	54°5	50°1	59°7	43°7	15th	66°6	2nd	351	354	353	80°5	85°2	82°9
October -	836	50°7	50°2	50°5	47°1	54°4	36°9	26th	67°3	1st	321	321	321	86°0	87°3	86°7
November -	585	42°1	41°8	42°0	39°0	46°1	32°5	{ 18th }	58°2	5th	225	222	224	83°3	82°9	83°1
December -	29°618	38°2	39°4	38°8	36°2	42°1	19°3	12th	53°5	29th	213	222	218	90°9	90°5	90°7
Year -	29°867	49°0	47°8	48°4	44°2	53°5	—	—	—	—	291	292	292	82°2	85°6	83°9

DURHAM.*

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

1882.	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 -	6°1	6°5	6°3	ins. 0°724	ins. 3°15	29th	9	0	0	0	5	13	1	1	2	1	1	23	20	11	3	0
February -	7°0	6°9	7°0	0°914	3°33	26th	7	0	1	0	2	13	4	0	2	1	1	18	18	10	6	0
March -	6°7	4°2	5°5	1°478	4°24	1st	14	3	1	0	5	9	6	2	2	3	3	11	22	11	7	1
April -	7°9	7°5	7°7	3°596	6°53	14th	17	1	1	0	2	18	2	5	13	15	2	5	5	5	7	3
May -	6°9	4°7	5°8	2°268	5°85	25th	11	0	0	5	5	11	3	4	11	8	4	12	10	5	5	3
June -	7°3	7°3	7°3	3°317	9°30	22nd	18	0	0	5	2	12	1	7	7	7	2	7	15	4	10	1
July -	7°7	5°8	6°8	3°571	5°27	21st	25	0	0	4	0	11	0	2	2	0	3	24	19	5	4	3
August -	7°0	4°5	5°8	2°877	1°278	22nd	17	0	0	4	3	5	2	1	2	0	2	16	10	10	16	5
September -	7°2	6°3	6°8	2°105	6°20	14th	16	0	0	2	3	13	1	3	4	2	1	21	8	7	8	6
October -	7°7	7°7	7°7	4°789	9°00	27th	29	0	0	0	3	20	2	3	11	6	6	15	10	4	4	3
November -	6°6	5°7	6°2	3°298	6°90	10th	27	6	3	0	4	9	6	3	3	4	3	8	15	12	11	1
December -	7°6	7°7	7°7	4°488	6°88	8th	25	11	4	1	3	19	3	5	8	1	5	15	7	8	8	5
Year -	7°1	6°2	6°7	33°425	—	—	215	21	10	21	37	153	31	36	67	48	33	175	159	92	89	31

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

AYSGARTH (YORKSHIRE).

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

		9a.m.	9 p.m.	Mean.	ins.	ins.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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DOUGLAS, ISLE OF MAN

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

1882.	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. 30.236	43.2	43.5	43.4	40.3	46.8	31.0	19th	52.8	6th	.261	.265	.263	93.2	93.2	93.2
February -	30.106	44.8	44.2	44.5	40.2	47.3	33.5	24th	51.0	17th	.285	.278	.282	95.5	95.6	95.6
March -	29.892	45.2	43.7	44.5	40.1	49.0	31.8	21st	53.6	16th	.278	.269	.274	91.7	93.2	92.5
April -	29.750	46.3	44.3	45.3	39.7	51.0	26.3	16th	57.7	8th	.279	.270	.275	88.5	92.1	90.3
May -	30.025	53.5	48.6	51.1	43.5	58.4	36.0	17th	70.2	22nd	.333	.312	.323	80.8	90.9	85.9
June -	29.851	55.3	51.7	53.5	48.0	59.9	40.5	17th	70.4	30th	.379	.358	.369	86.3	92.6	89.5
July -	.743	58.3	55.3	56.8	52.2	62.7	44.7	31st	70.3	1st	.429	.419	.424	88.0	95.0	91.5
August -	.864	58.7	54.5	56.6	50.1	62.9	41.4	31st	70.8	9th	.416	.390	.403	84.0	91.0	87.5
September -	.836	55.0	50.9	53.0	46.4	59.1	37.2	12th	64.4	8th	.369	.353	.361	85.1	93.6	89.4
October -	.803	51.4	49.5	50.5	44.8	55.1	34.6	25th	63.9	13th	.340	.315	.328	88.8	88.3	88.6
November -	.610	44.5	42.9	43.7	39.4	47.8	31.2	12th	58.2	2nd	.269	.249	.259	90.2	89.2	89.7
December -	29.619	39.8	39.2	39.5	36.0	42.8	24.0	14th	52.6	27th	.227	.227	.227	90.3	92.2	91.3
Year -	29.861	49.7	47.4	48.6	43.4	53.6	—	—	—	—	.322	.309	.316	88.5	92.2	90.4

YORK (THE MUSEUM)

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

	ins.										in.	in.	in.	%	%	%
January -	30.277	40.1	41.1	40.6	35.8	45.7	28.0	25th	53.0	5th	.225	.228	.227	91	89	90
February -	30.146	41.0	42.1	41.6	37.5	48.0	27.0	2nd	55.0	26th	.221	.232	.227	86	87	87
March -	29.906	44.6	43.9	44.3	37.9	53.2	29.0	23rd	64.2	18th	.245	.244	.245	83	85	84
April -	29.774	45.8	44.5	45.2	39.0	53.6	29.6	8th	64.8	21st	.243	.246	.245	80	84	82
May -	30.058	54.4	50.0	52.2	42.1	62.0	32.5	16th	70.5	18th	.292	.286	.289	69	80	75
June -	29.853	56.3	53.5	54.9	47.8	64.4	38.7	13th	73.4	29th	.346	.336	.341	75	82	79
July -	.797	59.8	57.6	58.7	51.9	67.5	44.0	1st	74.0	29th	.376	.407	.392	73	85	79
August -	.856	59.1	57.1	58.1	51.2	67.5	44.0	16th	75.3	6th	.406	.404	.405	81	86	84
September -	.861	52.7	52.5	52.6	45.5	62.2	37.6	12th	68.5	3rd	.339	.349	.344	86	89	88
October -	.845	49.1	49.4	49.3	45.4	55.5	33.2	26th	68.4	1st	.316	.322	.319	91	91	91
November -	.612	40.7	40.4	40.6	36.5	46.4	24.0	18th	59.8	5th	.217	.218	.218	86	87	87
December -	29.635	36.2	37.7	37.0	33.6	40.5	16.0	12th	55.0	29th	.199	.209	.204	93	92	93
Year -	29.885	48.3	47.5	47.9	42.0	55.5	—	—	—	—	.285	.290	.288	82.8	86.4	84.6

WAKEFIELD

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

		ins.										in.	in.	in.	%	%	%
January	-	30.282	40.8	41.6	41.2	36.7	46.5	28.4	17th	54.0	6th	.225	.227	.226	87.9	85.7	86.8
February	-	30.147	42.1	42.8	42.5	37.6	48.2	24.4	2nd	58.0	13th	.234	.237	.236	86.8	85.5	86.2
March	-	29.918	45.4	44.0	44.7	38.0	52.5	27.0	23rd	63.8	18th	.247	.237	.242	80.7	81.0	80.9
April	-	29.770	46.4	44.8	45.6	39.2	53.6	29.6	10th	65.7	21st	.249	.251	.250	78.9	84.3	81.6
May	-	30.054	55.1	50.8	53.0	42.1	61.9	32.0	{ 16th 17th	69.8	18th	.304	.302	.303	69.5	80.3	74.9
June	-	29.853	56.9	54.3	55.6	47.5	63.2	38.0		17th	72.8	29th	.348	.351	.350	74.9	82.6
July	-	.794	60.9	58.3	59.6	51.7	67.1	40.5	27th	72.8	3rd	.383	.395	.389	71.8	81.1	76.5
August	-	.859	60.4	57.5	59.0	51.1	67.1	41.0	16th	74.8	12th	.402	.406	.404	76.4	85.6	81.0
September	-	.863	53.7	51.7	52.7	44.8	61.7	33.1	16th	67.0	16th	.344	.343	.344	83.4	88.2	85.8
October	-	.842	49.5	49.4	49.5	44.6	55.6	29.8	26th	68.8	1st	.318	.317	.318	88.5	88.8	88.7
November	-	.623	41.3	41.1	41.2	36.8	47.1	23.6	18th	60.0	5th	.227	.225	.226	85.5	85.3	85.4
December	-	29.640	36.2	37.3	36.8	32.5	40.9	12.9	12th	55.8	29th	.200	.208	.204	91.6	91.0	91.3
Year	-	29.887	49.1	47.8	48.5	41.9	55.5	—	—	—	—	.290	.292	.291	81.3	85.0	83.2

DOUGLAS, ISLE OF MAN.

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

Thermometers, 4 feet above ground. Rain gauge, 10 1/2 inches above ground.																							
1882.	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 -	8.5	7.0	7.8	ins. 2.882	ins. .957	4th	16	0	1	0	1	19	8	1	2	2	8	10	12	15	3	9	
February -	8.8	8.2	8.5	3.720	.757	25th	20	1	4	0	0	20	10	1	1	3	5	11	10	10	6	9	
March -	7.9	5.7	6.8	3.294	.810	6th	22	2	2	1	1	12	9	1	2	2	2	3	19	17	8	8	
April -	7.1	6.2	6.7	4.524	.790	22nd	18	1	2	0	3	10	5	4	7	17	5	7	3	5	8	4	
May -	4.5	4.8	4.7	1.095	.348	9th	11	0	1	1	7	5	5	1	4	13	7	8	5	3	6	15	
June -	7.5	6.2	6.9	3.592	.800	17th	16	0	1	2	1	11	4	3	0	5	4	10	8	10	14	6	
July -	7.7	7.5	7.6	5.573	1.270	14th	22	0	0	0	0	15	2	2	0	1	4	17	15	9	7	7	
August -	7.0	5.9	6.5	3.943	.965	22nd	19	0	0	2	1	9	6	3	0	1	4	6	3	15	21	9	
September -	7.4	5.7	6.6	3.947	1.064	1st	17	0	0	0	1	13	2	6	5	3	5	6	7	8	13	7	
October -	7.7	6.7	7.2	5.377	.747	21st	23	0	2	2	0	12	4	4	7	8	12	2	6	8	3	12	
November -	7.8	5.4	6.6	8.719	.920	18th	24	2	7	2	0	10	10	0	6	5	5	4	7	16	14	3	
December -	7.5	6.5	7.0	4.946	.728	26th	25	6	3	0	0	13	4	7	4	11	7	2	7	7	6	11	
Year	7.5	6.3	6.9	51.612	—	—	233	12	23	10	15	149	69	33	38	71	68	86	102	123	109	100	

YORK (THE MUSEUM).

Thermometers, 4 feet 3 inches above ground. Rain-gauge, 1 foot 9 inches above ground.

Thermometers, 4 feet 3 inches above ground.																							
Month	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th	16th	17th	18th	19th	20th	21st	22nd	
January	-	6.7	7.1	6.9	ins. 1.490	ins. .570	29th	13	2	0	0	3	14	1	0	0	3	4	25	8	19	1	2
February	-	6.8	5.6	6.2	1.270	.670	26th	8	0	0	0	4	11	0	2	0	3	2	21	7	15	5	1
March	-	6.4	3.8	5.1	1.790	.450	25th	14	2	0	0	7	8	0	4	0	1	0	12	13	26	6	0
April	-	6.7	6.1	6.4	4.150	.950	13th	17	0	1	1	3	11	0	9	6	13	6	11	5	7	3	0
May	-	3.3	4.5	3.9	1.490	.430	26th	12	0	0	6	11	4	0	8	7	10	6	15	1	9	5	1
June	-	5.6	5.5	5.6	3.250	.780	22nd	17	0	0	1	2	4	1	7	1	6	1	13	10	11	11	0
July	-	6.2	6.1	6.2	3.740	.470	27th	23	0	0	6	1	7	0	3	1	1	1	21	20	13	2	0
August	-	6.0	5.1	5.6	2.350	.340	29th	20	0	0	2	2	4	1	1	0	3	3	12	6	25	11	1
September	-	6.5	5.0	5.8	1.200	.200	{ 1st 12th }	16	0	0	1	5	7	1	6	6	5	3	15	5	12	7	1
October	-	6.6	7.3	7.0	4.840	.750	24th	25	0	0	0	4	14	0	3	8	13	7	18	1	9	2	1
November	-	5.0	4.7	4.9	2.710	.310	8th	24	4	0	0	5	6	0	10	3	3	3	11	9	17	4	0
December	-	8.3	8.2	8.3	4.870	1.450	6th	23	8	0	0	1	20	0	19	5	5	5	12	2	10	4	0
Year	-	6.2	5.8	6.0	33.150	—	—	212	16	1	17	48	110	4	72	37	66	41	186	87	173	61	7

PRESTWICH, NEAR MANCHESTER

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

1882.	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° 302	39° 8	40° 1	40° 0	35° 8	44° 3	30° 7	25th	52° 2	6th	in. ° 234	in. ° 235	in. ° 235	% 94° 5	% 94° 0	% 94° 3
February - -	30° 164	41° 0	41° 9	41° 5	37° 5	46° 5	28° 5	2nd	54° 2	13th	° 244	° 248	° 246	93° 9	92° 6	93° 3
March - -	29° 939	43° 4	42° 3	42° 9	37° 2	50° 0	28° 7	23rd	59° 7	18th	° 259	° 256	° 258	91° 2	93° 3	92° 3
April - -	29° 761	45° 9	44° 2	45° 1	38° 8	52° 7	28° 5	16th	60° 1	19th	° 262	° 259	° 261	84° 2	88° 3	86° 3
May - -	30° 047	53° 5	49° 4	51° 5	41° 9	60° 1	34° 9	16th	67° 8	22nd	° 309	° 304	° 307	75° 3	85° 4	80° 4
June - -	29° 864	54° 4	52° 6	53° 5	47° 3	60° 8	39° 1	13th	69° 7	30th	° 369	° 369	° 369	86° 9	92° 8	89° 9
July - -	° 796	57° 9	55° 6	56° 8	50° 5	64° 2	42° 7	20th	71° 3	1st	° 401	° 400	° 401	83° 4	90° 6	87° 0
August - -	° 874	57° 3	56° 1	56° 7	51° 1	63° 8	43° 1	31st	72° 9	12th	° 394	° 400	° 397	83° 7	88° 4	86° 1
September - -	° 863	52° 3	51° 6	52° 0	45° 5	59° 8	36° 4	12th	64° 8	7th	° 334	° 341	° 338	85° 0	88° 1	86° 6
October - -	° 835	48° 5	48° 8	48° 7	43° 7	54° 7	32° 5	26th	66° 4	1st	° 306	° 312	° 309	88° 5	89° 4	89° 0
November - -	° 643	40° 4	40° 3	40° 4	35° 9	46° 2	27° 6	12th	56° 8	5th	° 226	° 222	° 224	87° 8	87° 1	87° 5
December - -	29° 641	37° 3	37° 9	37° 6	33° 6	41° 0	16° 7	12th	52° 8	29th	° 210	° 212	° 211	90° 9	91° 0	91° 0
Year -	29° 894	47° 6	46° 7	47° 2	41° 6	53° 7	—	—	—	—	° 296	° 297	° 297	87° 1	90° 1	88° 6

LLANDUDNO

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

		ins.										in.	in.	in.	%	%	%
January	-	30.277	43.3	43.8	43.6	39.8	49.6	33.1	29th	55.5	14th	.245	.251	.248	87.4	87.4	87.4
February	-	30.143	44.9	44.8	44.9	40.9	—	31.8	2nd	—	—	.257	.254	.256	85.8	85.3	85.6
March	-	29.941	47.2	45.6	46.4	41.3	—	34.0	21st	—	—	.265	.260	.263	81.5	84.5	83.0
April	-	29.756	47.7	46.6	47.2	41.4	52.6	33.5	16th	61.8	13th	.273	.272	.273	82.5	85.4	84.0
May	-	30.030	54.6	51.2	52.9	45.0	58.8	33.8	4th	65.5	23rd	.313	.311	.312	73.3	82.5	77.9
June	-	29.875	56.6	53.6	55.1	49.3	60.9	43.2	{ 10th	68.5	28th	.360	.356	.358	78.6	86.2	81.4
July	-	.787	59.8	57.3	58.6	53.8	64.4	49.2	{ 11th	70.0	{ 2nd	.411	.396	.404	80.2	84.1	82.2
August	-	.906	58.6	57.9	58.3	54.1	63.2	49.8	23rd	70.6	{ 3rd	.411	.418	.415	83.4	87.0	85.2
September	-	.865	55.4	54.1	54.8	49.2	59.2	42.0	14th	67.2	{ 10th	.366	.360	.363	82.9	85.5	84.2
October	-	.825	51.6	50.4	51.0	46.7	55.1	38.4	26th	71.2	1st	.332	.320	.326	86.2	86.9	86.6
November	-	.658	45.7	44.5	45.1	40.4	48.6	30.2	15th	56.1	5th	.256	.254	.255	82.3	85.2	83.8
December	-	29.647	40.8	41.4	41.1	37.4	44.0	25.5	12th	55.2	28th	.227	.234	.231	87.0	87.5	87.3
Year	-	29.893	50.5	49.3	49.9	44.9	—	—	—	—	—	.310	.307	.309	82.6	85.6	84.1

BUXTON

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

	ins.	°	°	°	°	°	°	°	°	°	in.	in.	in.	%	%	%
January -	30.329	37.9	38.0	38.0	33.3	43.1	28.0	{ 19th 26th 27th }	50.1	11th	213	209	211	92.9	90.6	91.8
February -	30.193	39.4	39.3	39.4	34.9	45.2	26.0	2nd	53.9	13th	217	225	221	89.3	92.5	90.9
March -	29.969	42.9	40.1	41.5	34.8	49.3	23.0	23rd	60.2	18th	241	232	237	86.2	91.5	88.9
April -	29.791	43.4	41.3	42.4	36.2	51.0	26.0	10th	59.2	21st	249	232	241	87.9	88.7	88.3
May -	30.075	52.5	46.1	49.3	38.9	58.9	29.0	{ 16th 17th }	66.6	22nd	282	270	276	71.5	85.9	78.7
June -	29.886	53.7	50.1	51.9	44.4	59.7	35.4	1st	71.6	30th	336	324	330	81.4	89.4	85.4
July -	831	58.1	52.4	55.3	48.4	64.1	39.2	1st	70.8	29th	383	354	369	79.8	89.6	84.7
August -	905	56.5	53.2	54.9	48.6	63.4	41.1	11th	74.4	14th	382	377	380	83.6	92.3	88.0
September -	892	52.9	47.6	50.3	41.0	58.7	31.0	16th	64.6	8th	332	314	323	82.5	93.9	88.2
October -	867	47.0	46.2	46.6	41.0	52.8	28.5	26th	64.1	1st	299	294	297	91.8	92.8	92.3
November -	690	38.2	37.5	37.9	32.6	43.7	20.4	18th	54.2	5th	208	203	206	88.5	88.1	88.3
December -	29.691	34.2	34.9	34.6	29.1	38.7	4.0	12th	50.6	29th	190	199	195	91.9	93.7	92.8
Year -	29.927	46.4	43.9	45.2	38.6	52.4	—	—	—	—	278	269	274	85.6	90.8	88.2

PRESTWICH, NEAR MANCHESTER.

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

1882.		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	8.8	9.1	ins. 3.320	ins. 4.60	8th	16	2	1	0	1	26	3	0	4	5	12	11	7	7	1	15
February	-	9.0	9.1	9.1	2.530	1.060	26th	14	1	1	0	0	23	3	0	2	2	13	10	5	12	2	10
March	-	8.8	5.4	7.1	3.030	3.00	25th	15	2	2	0	2	16	2	1	1	3	4	12	20	10	3	8
April	-	7.8	7.2	7.5	4.400	9.10	13th	17	1	1	2	3	16	3	5	11	12	5	5	7	7	4	4
May	-	7.0	6.5	6.8	2.690	5.70	3rd	13	0	1	5	2	11	1	11	7	6	5	10	2	10	4	7
June	-	9.0	9.1	9.1	6.860	1.030	3rd	21	0	1	5	0	25	0	1	3	3	7	9	7	21	5	4
July	-	9.5	8.3	8.9	6.540	1.120	8th	26	0	1	9	0	25	0	0	1	1	6	26	13	7	4	4
August	-	8.8	8.1	8.5	3.570	4.40	{ 22nd 28th }	17	0	0	2	0	22	1	3	2	4	5	10	9	16	6	7
September	-	9.1	6.6	7.9	2.015	4.10	1st	15	0	0	0	0	19	0	13	1	5	6	5	7	2	5	16
October	-	8.7	8.4	8.6	3.700	5.00	19th	22	0	0	2	0	21	1	6	13	12	8	8	5	3	1	6
November	-	7.2	7.1	7.2	6.205	5.60	19th	25	3	6	3	4	16	4	8	3	3	5	8	9	12	3	9
December	-	9.1	8.5	8.8	4.760	8.30	25th	24	7	3	0	0	24	2	5	9	5	6	6	4	7	5	15
Year	-	8.6	7.8	8.2	49.620	—	—	225	16	17	28	12	244	20	53	57	61	82	120	95	114	43	105

LLANDUDNO.

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

		ins.			ins.																	
		3.190			.685			29th														
		1.660			.380			27th														
		2.620			.580			25th														
		3.180			.650			23rd														
		1.030			.410			23rd														
		2.985			.720			13th														
		2.553			.480			6th														
		3.146			.526			28th														
		1.984			.330			17th														
		2.640			.375			14th														
		3.906			.483			5th														
		3.561			1.140			25th														
		32.455			—			209														
		—			—			8														
		—			—			17														
		—			—			11														
		—			—			34														
		—			—			167														
		—			—			15														
		—			—			39														
		—			—			31														
		—			—			75														
		—			—			45														
		—			—			48														
		—			—			156														
		—			—			270														
		—			—			66														
		—			—			0														

CHEADLE, STAFFORD

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

1882.																	
1882.	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.							
	ins.	°	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January - -	30.319	37.7	38.4	38.1	34.3	43.6	28.3	18th	51.3	5th	210	212	211	93	91	92	
February - -	30.180	39.2	40.6	39.9	36.2	45.9	26.8	2nd	53.0	13th	223	230	227	93	91	92	
March - -	29.967	42.8	42.1	42.5	36.2	50.8	27.5	22nd	61.2	18th	234	234	234	85	87	86	
April - -	29.768	44.0	43.1	43.6	37.9	52.2	29.2	16th	59.4	{ 20th 21st }	245	237	241	85	85	85	
May - -	30.053	51.8	48.8	50.3	41.8	59.9	32.3	16th	68.1	22nd	287	280	284	75	81	78	
June - -	29.876	53.5	52.4	53.0	46.7	60.2	40.6	{ 12th 13th }	70.1	30th	329	325	327	80	82	81	
July - -	.820	57.0	55.5	56.3	49.5	64.7	44.6	10th	70.1	2nd	384	366	375	83	83	83	
August - -	.890	56.1	54.8	55.5	50.1	63.5	44.0	24th	73.7	12th	382	377	380	85	88	87	
September - -	.869	52.2	50.9	51.6	45.6	59.6	38.9	15th	64.1	8th	335	333	334	86	89	88	
October - -	.842	46.4	47.1	46.8	42.2	52.9	27.9	26th	64.1	1st	303	306	305	96	94	95	
November - -	.665	39.1	39.4	39.3	35.7	45.4	25.1	18th	56.3	5th	218	223	221	92	93	93	
December - -	29.653	35.7	36.5	36.1	32.3	40.5	13.5	12th	53.4	27th	201	210	206	96	97	97	
Year - -	29.909	46.3	45.8	46.1	40.7	53.3	—	—	—	—	279	278	279	87.4	88.4	87.9	

HILLINGTON, NORFOLK

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

Air Temperature.																	Tension of Vapour.			Relative Humidity.		
Month.	ins.	Means of						Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.					
		9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.												
January	30.329	38.4	38.7	38.6	34.8	44.2	28.1	21st	52.4	6th	in. 220	in. 222	in. 221	93.6	93.2	93.4						
February	30.198	39.5	40.0	39.8	35.0	46.6	23.8	2nd	54.3	26th	223	229	226	90.3	91.1	90.7						
March	29.960	44.3	42.1	43.2	35.5	53.5	28.1	17th	62.4	18th	250	245	248	85.2	90.2	87.7						
April	29.774	48.5	43.8	46.2	39.1	55.3	30.1	16th	66.3	21st	279	257	268	81.9	88.9	85.4						
May	30.059	56.2	49.3	52.8	42.4	62.5	31.1	18th	73.2	23rd	336	314	325	74.5	88.6	81.6						
June	29.871	57.6	52.7	55.2	47.4	65.2	38.0	17th	73.6	29th	373	358	366	78.4	89.2	83.8						
July	841	61.7	56.3	59.0	50.2	69.8	38.9	27th	76.7	29th	408	407	408	75.0	89.7	82.4						
August	874	61.0	55.5	58.3	49.2	68.5	40.1	16th	79.7	12th	414	400	407	77.4	90.2	83.8						
September	860	56.2	51.1	53.7	45.3	62.7	35.2	{ 15th 30th }	69.3	2nd	389	362	376	86.6	95.1	90.9						
October	842	50.6	48.9	49.8	43.8	56.7	31.1	30th	70.1	1st	338	332	335	90.5	94.7	92.6						
November	646	40.9	41.1	41.0	36.4	46.5	23.1	18th	58.4	5th	229	232	231	88.1	87.6	87.9						
December	29.652	38.0	37.9	38.0	33.9	42.1	19.8	12th	53.9	28th	223	221	222	95.3	94.5	94.9						
Year	29.909	49.4	46.5	48.0	41.1	56.1	—	—	—	—	307	298	303	84.7	91.1	87.9						

LEICESTER

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

		Air Temperature.							Tension of Vapour.			Relative Humidity.					
		ins.	Means of					Absolute Min. and Max.		9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.		
			9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.							Max.	Day.
January	-	30.318	40.2	40.0	40.1	35.7	45.2	30.0	19th	52.3	5th	230	231	231	91.1	92.9	92.0
February	-	30.179	42.0	42.6	42.3	37.6	47.9	27.2	4th	55.0	13th	243	241	242	89.9	86.9	88.4
March	-	29.974	44.7	44.7	44.7	37.2	53.1	27.0	23rd	63.6	18th	243	249	246	81.5	83.0	82.3
April	-	29.766	48.1	45.9	47.0	40.5	55.7	29.0	16th	65.1	21st	265	254	260	78.7	82.0	80.4
May	-	30.051	55.1	51.8	53.5	43.6	64.0	35.0	17th	72.6	22nd	302	291	297	69.1	74.7	71.9
June	-	29.876	57.6	55.1	56.4	48.1	65.0	41.0	13th	73.2	30th	355	355	355	74.3	81.4	77.9
July	-	830	60.9	58.7	59.8	52.1	69.6	46.8	10th	74.3	2nd	390	397	394	73.2	80.3	76.8
August	-	888	60.8	57.7	59.3	51.5	67.8	42.0	11th	79.0	12th	391	397	394	73.0	83.0	78.0
September	-	865	54.3	53.3	53.8	46.3	63.0	34.0	15th	69.5	8th	353	356	355	83.4	87.1	85.3
October	-	836	49.4	49.7	49.6	43.8	56.6	30.2	26th	67.4	1st	320	332	326	89.6	92.2	90.9
November	-	665	41.3	41.6	41.5	36.6	47.1	22.0	18th	59.0	5th	231	233	232	87.1	86.4	86.8
December	-	29.655	38.0	38.9	38.5	34.0	42.6	16.4	12th	55.0	28th	220	225	223	92.5	91.9	92.2
Year	-	29.909	49.4	48.3	48.9	42.3	56.5	—	—	—	—	295	297	296	82.0	85.2	83.6

CHEADLE, STAFFORD.

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

1882.	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	6.8	7.5	ins. 2.710	.680	28th	12	3	1	0	1	16	3	2	1	3	7	12	15	18	3	1		
February -	8.9	6.4	7.7	2.790	.910	28th	15	1	1	0	1	15	5	3	1	7	6	8	10	10	8	3		
March -	6.9	4.4	5.7	2.070	.760	25th	13	1	2	0	6	10	6	5	0	3	0	6	21	17	10	0		
April -	6.7	6.0	6.4	4.330	1.150	29th	19	1	1	1	4	11	2	2	3	19	5	7	8	6	9	1		
May -	5.1	4.7	4.9	2.820	1.060	3rd	12	0	2	8	5	5	0	4	4	18	6	11	7	4	7	1		
June -	7.4	6.6	7.0	5.870	.950	3rd	19	1	2	7	0	10	0	5	0	6	4	5	8	13	14	5		
July -	7.0	6.9	7.0	3.860	.580	11th	28	0	0	10	2	11	0	3	1	0	4	20	17	8	6	3		
August -	7.8	6.4	7.1	2.680	.660	22nd	18	0	0	3	3	14	2	4	0	3	6	8	5	14	21	1		
September -	6.2	5.9	6.1	2.160	.340	3rd	13	0	0	2	5	9	2	7	6	4	11	5	9	2	10	6		
October -	6.7	6.5	6.6	5.370	1.070	24th	25	1	0	1	3	12	0	3	6	18	10	5	8	4	4	4		
November -	5.7	5.3	5.5	4.930	.600	23rd	24	7	3	1	5	8	3	7	2	3	3	3	11	14	14	3		
December -	7.8	8.6	8.2	6.250	1.040	25th	24	8	0	1	2	23	1	3	10	16	5	4	9	6	4	5		
Year -	7.0	6.2	6.6	45.840	—	—	222	23	12	34	37	144	24	48	34	100	67	94	128	116	110	33		

HILLINGTON, NORFOLK.

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

January	-	9.1	8.0	8.6	ins. 1.703	ins. .620	8th	15	0	0	0	1	22	1	0	0	4	3	14	33	7	1	0
February	-	9.1	7.3	8.2	1.702	.780	14th	16	2	0	0	2	18	0	2	3	2	6	12	21	4	6	0
March	-	8.2	5.2	6.7	1.620	1.260	25th	10	3	3	0	0	11	0	4	2	1	1	3	30	12	9	0
April	-	6.9	5.9	6.4	2.747	.705	13th	17	0	2	3	2	10	2	1	10	10	8	10	13	3	5	0
May	-	7.2	6.2	6.7	1.557	.502	25th	12	0	1	2	1	11	0	3	15	7	10	4	17	1	4	1
June	-	8.4	8.4	8.4	4.202	.910	18th	22	0	3	8	0	18	0	4	4	2	5	7	17	8	13	0
July	-	7.5	7.3	7.4	2.774	.630	11th	18	0	0	8	0	14	0	2	5	1	4	9	54	2	5	0
August	-	7.7	6.9	7.3	3.041	.580	16th	14	0	0	5	0	14	1	1	7	1	4	6	16	7	20	0
September	-	7.4	6.4	6.9	2.858	1.040	12th	13	0	0	0	2	14	1	3	19	3	5	5	12	4	9	0
October	-	7.3	6.8	7.1	4.534	1.120	21st	24	0	0	1	4	16	2	3	11	7	18	6	13	0	4	0
November	-	7.0	6.8	6.9	3.167	1.015	6th	24	6	3	1	1	9	0	1	8	2	5	0	21	10	13	0
December	-	9.0	7.7	8.4	3.402	.603	25th	24	2	0	0	0	20	0	0	7	2	13	8	21	7	4	0
Year	-	7.9	6.9	7.4	33.307	—	—	209	13	12	28	13	177	7	24	91	42	82	84	248	65	93	1

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

UPPINGHAM

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

1882.	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° 33'2	38° 2	38° 6	38° 4	34° 8	43° 9	26° 7	19th	51° 7	6th	in. '221	in. '223	in. '222	% 94° 7	% 93° 9	% 94° 3	
February - -	30° 19'4	39° 7	40° 4	40° 1	36° 1	46° 3	25° 3	2nd	53° 3	25th	'229	'234	'232	92° 3	92° 1	92° 2	
March - -	29° 97'1	43° 9	43° 0	43° 5	37° 1	51° 8	28° 2	23rd	61° 9	18th	'245	'247	'246	84° 5	87° 8	86° 2	
April - -	29° 77° 0	46° 6	42° 7	44° 7	38° 0	54° 1	28° 8	16th	62° 2	21st	'258	'244	'251	80° 7	88° 6	84° 7	
May - -	30° 05° 2	54° 5	48° 6	51° 6	42° 7	63° 3	33° 5	9th	73° 6	22nd	'311	'292	'302	73° 0	84° 3	78° 7	
June - -	29° 87° 5	56° 0	52° 5	54° 3	46° 9	63° 5	39° 5	13th	75° 1	29th	'364	'356	'360	80° 7	89° 3	85° 0	
July - -	.832	59° 3	55° 4	57° 4	50° 5	67° 5	44° 0	1st	74° 3	29th	'399	'387	'393	79° 1	87° 7	83° 4	
August - -	.888	59° 0	55° 0	57° 0	50° 3	66° 6	44° 2	31st	77° 2	12th	'397	'388	'393	78° 8	89° 0	83° 9	
September - -	.864	54° 0	50° 6	52° 3	46° 1	61° 7	37° 9	15th	69° 5	8th	'363	'344	'354	86° 8	92° 3	89° 6	
October - -	.837	48° 8	47° 6	48° 2	43° 4	54° 5	32° 5	24th	66° 7	1st	'321	'318	'320	91° 9	95° 4	93° 7	
November - -	.661	40° 2	39° 9	40° 1	36° 1	45° 8	25° 1	18th	57° 9	5th	'225	'228	'227	88° 4	90° 4	89° 4	
December - -	29° 64° 5	36° 4	36° 5	36° 5	32° 9	40° 9	18° 3	12th	53° 6	28th	'209	'209	'209	94° 2	94° 2	94° 2	
Year	29° 91° 0	48° 1	45° 9	47° 0	41° 2	55° 0	—	—	—	—	'295	'289	'292	85° 4	90° 4	87° 9	

OSCOTT

Long. 1° 51' W. Lat. 52° 33' N. Height above Mean Sea Level, 460 feet.

		ins.										in.	in.	in.	%	%	%
January	-	30.333	38.8	39.2	39.0	35.3	44.2	29.5	26th	52.6	6th	.224	.223	.224	94.0	91.9	93.0
February	-	—	40.5	41.3	40.9	—	47.1	—	—	57.5	18th	.223	.226	.225	87.8	86.3	87.1
March	-	29.984	43.5	43.2	43.4	37.0	52.8	27.0	4th	63.1	16th	.243	.248	.246	84.9	87.4	86.2
April	-	29.775	45.9	44.0	45.0	39.0	54.4	29.4	16th	62.3	21st	.255	.243	.249	82.5	84.2	83.4
May	-	30.057	52.8	49.9	51.4	42.9	61.4	32.6	16th	67.6	{ 23rd 28th }	.305	.299	.302	76.2	82.6	79.4
June	-	29.891	55.1	53.0	54.1	47.2	62.7	41.9	{ 16th 17th }	71.8	30th	.347	.347	.347	79.7	85.7	82.7
July	-	29.833	59.4	—	—	51.1	66.8	45.4	10th	73.1	2nd	.395	—	—	78.2	—	—
August	-	—	—	—	—	51.5	66.1	45.5	24th	76.4	{ 7th 13th }	—	—	—	—	—	—
September	-	—	—	—	—	45.3	61.5	33.2	12th	67.2	9th	—	—	—	—	—	—
October	-	29.848	47.6	47.8	47.7	42.8	54.9	31.4	26th	65.3	1st	.313	.313	.313	93.7	93.1	93.4
November	-	.678	39.8	40.3	40.1	36.0	46.9	25.0	18th	58.2	5th	.222	.228	.225	88.5	88.8	88.7
December	-	29.632	36.5	37.8	37.2	32.8	41.7	19.4	11th	53.8	27th	.215	.217	.216	96.1	92.7	94.4
Year	-	—	—	—	—	—	55.0	—	—	—	—	—	—	—	—	—	—

CHURCHSTOKE

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

		ins.										in.	in.	in.	%	%	%
January	-	30.329	38.8	39.3	39.1	34.1	45.4	27.4	18th	52.3	6th	.218	.218	.218	91.5	90.0	90.8
February	-	30.192	41.5	41.5	41.5	36.9	47.5	30.4	1st	55.0	13th	.232	.232	.232	87.9	87.9	87.9
March	-	29.994	44.5	42.1	43.3	36.4	52.2	27.8	22nd	62.2	18th	.240	.231	.236	80.6	85.1	82.9
April	-	29.774	45.5	43.4	44.5	37.7	53.7	26.1	16th	62.5	19th	.247	.236	.242	81.1	83.4	82.3
May	-	30.053	53.0	48.4	50.7	40.0	60.8	30.0	16th	67.4	18th	.293	.268	.281	72.8	78.4	75.6
June	-	29.891	55.3	51.8	53.6	45.6	61.2	35.0	17th	69.6	29th	.350	.322	.336	79.3	83.0	81.2
July	-	.818	59.6	55.0	57.3	49.6	65.2	41.0	27th	71.9	2nd	.414	.387	.401	81.6	89.2	85.4
August	-	.920	58.3	55.7	57.0	49.6	65.2	43.5	16th	74.9	9th	.411	.386	.399	84.4	86.7	85.6
September	-	.886	52.7	49.5	51.1	42.7	60.0	32.5	12th	67.4	1st	.357	.328	.343	89.6	91.4	90.5
October	-	.845	48.4	46.8	47.6	41.4	53.8	29.5	13th		67.4	1st	.321	.298	.310	92.8	91.9
November		.694	41.9	40.2	41.1	35.4	47.2	23.3	26th	64.9	1st	.321	.298	.310	92.8	91.9	92.4
December	-	29.667	37.3	37.9	37.6	33.1	41.9	10.7	15th	59.6	5th	.240	.230	.235	88.3	90.5	89.4
									12th	56.1	27th	.212	.219	.216	90.4	91.7	91.1
Year	-	29.922	48.1	46.0	47.1	40.2	54.5	—	—	—	—	.295	.280	.288	85.0	87.4	86.2

MONTHLY SUMMARIES.—UPPINGHAM—OSCOTT—CHURCHSTOKE.

UPPINGHAM.

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

1882.	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	7.6	7.7	ins. 1.660	ins. .530	8th	11	0	0	0	2	20	2	0	1	2	3	10	23	18	4	1		
February	8.8	6.3	7.6	1.592	.616	14th	10	1	1	0	2	15	1	1	1	0	3	13	12	10	7	9		
March	6.6	4.9	5.8	1.206	.934	25th	9	5	0	0	6	11	2	3	1	0	0	5	24	18	8	3		
April	6.6	5.3	6.0	3.335	.657	22nd	18	0	2	1	3	11	3	4	11	5	7	8	11	5	8	1		
May	6.7	5.4	6.1	1.056	.258	25th	8	0	1	5	3	10	2	10	13	8	0	12	6	3	3	7		
June	8.5	7.3	7.9	3.147	.979	3rd	20	0	0	4	1	19	0	4	1	3	3	10	9	16	11	3		
July	8.1	7.2	7.7	3.422	1.536	11th	21	0	0	6	1	16	0	2	2	1	2	14	23	9	4	5		
August	7.9	5.2	6.6	1.381	.327	22nd	14	0	0	2	1	10	0	6	1	0	0	7	10	10	18	10		
September	7.1	5.1	6.1	2.225	.660	28th	13	0	0	0	6	12	0	9	8	1	3	3	10	8	3	15		
October	6.8	7.5	7.2	5.525	1.476	24th	24	1	0	0	3	16	1	2	12	6	4	9	6	11	2	10		
November	5.0	6.0	5.5	3.214	.887	6th	24	5	1	1	4	9	4	5	3	2	0	4	16	17	8	5		
December	8.6	8.2	8.4	3.825	.732	25th	23	8	0	0	1	21	1	6	5	3	6	6	9	10	7	10		
Year	7.4	6.3	6.9	31.788	—	—	195	20	5	19	33	170	16	52	59	31	31	101	159	135	83	79		

OSCOTT.

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

January	8.1	6.9	7.5	ins. 2.230	ins. .650	8th	10	1	0	0	1	16	0	0	3	1	8	21	21	3	0	5
February	7.9	6.5	7.2	2.350	.760	28th	9	0	0	0	3	16	0	2	1	4	6	15	9	11	5	3
March	7.0	4.9	6.0	1.670	.960	25th	6	3	0	0	2	6	0	3	1	0	2	15	20	14	6	1
April	7.3	5.5	6.4	2.990	.690	29th	16	0	1	0	2	7	0	6	9	6	12	12	5	6	4	0
May	5.5	3.6	4.6	2.600	.750	3rd	14	0	1	6	6	1	0	13	16	7	1	12	3	3	3	4
June	7.3	5.8	6.6	3.540	.490	22nd	17	0	1	3	0	7	2	3	4	4	2	13	13	11	10	0
July	7.0	—	—	3.830	1.210	11th	20	0	0	4	—	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	1.840	.600	13th	14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	2.300	.530	28th	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October	7.6	6.0	6.8	5.890	1.740	24th	27	1	0	0	1	13	2	5	12	9	8	7	11	3	6	1
November	5.9	5.7	5.8	3.310	.520	6th	23	2	2	1	3	6	6	6	7	0	2	9	17	12	7	0
December	8.5	9.4	9.0	3.960	.500	7th	20	6	0	0	0	23	4	9	12	6	4	7	11	6	7	0
Year	—	—	—	36.510	—	—	188	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

GELDESTON (BECCLES)

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

1882.	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° 343	39° 3	40° 1	39° 7	36° 0	44° 7	29° 7	21st	53° 0	6th	° 223	° 231	° 227	92° 0	92° 0	92° 0	
February -	30° 208	40° 3	40° 9	40° 6	36° 5	46° 8	24° 1	2nd	55° 7	26th	° 227	° 230	° 229	89° 2	88° 6	88° 9	
March -	29° 975	45° 0	44° 0	44° 5	37° 4	54° 5	28° 1	22nd	63° 6	18th	° 252	° 246	° 249	83° 6	84° 0	83° 8	
April -	29° 781	48° 7	44° 7	46° 7	40° 4	53° 9	31° 0	12th	63° 6	21st	° 263	° 251	° 262	76° 8	87° 3	82° 1	
May -	30° 063	56° 0	49° 9	53° 0	44° 5	60° 8	34° 1	17th	72° 9	28th	° 321	° 311	° 316	71° 8	85° 9	78° 9	
June -	29° 881	57° 8	53° 8	55° 8	48° 8	63° 7	38° 0	17th	73° 1	29th	° 360	° 356	° 358	74° 9	85° 0	80° 0	
July -	° 859	61° 9	58° 1	60° 0	52° 3	68° 4	43° 3	27th	74° 8	3rd	° 402	° 411	° 407	72° 7	84° 7	78° 7	
August -	° 881	61° 6	56° 9	59° 3	51° 1	67° 9	42° 2	11th	78° 5	6th	° 408	° 399	° 404	74° 1	85° 5	79° 8	
September -	° 854	57° 1	53° 1	55° 1	47° 9	62° 8	39° 5	15th	70° 7	3rd	° 386	° 367	° 377	82° 6	90° 0	86° 3	
October -	° 841	51° 6	50° 4	51° 0	45° 6	56° 9	31° 8	26th	68° 0	1st	° 340	° 336	° 338	87° 6	90° 8	89° 2	
November -	° 646	42° 1	42° 8	42° 5	38° 1	48° 4	27° 4	18th	58° 9	5th	° 238	° 244	° 241	87° 3	86° 2	86° 8	
December -	29° 650	38° 1	39° 0	38° 6	34° 9	43° 4	22° 4	12th	55° 0	28th	° 225	° 225	° 225	95° 5	92° 9	94° 2	
Year -	29° 915	50° 0	47° 8	48° 9	42° 8	56° 0	—	—	—	—	° 304	° 301	° 303	82° 3	87° 7	85° 0	

CHELTENHAM.

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

January -	ins. 30.346	40.7	40.8	40.8	35.4	45.7	25.0	25th	52.5	28th	in. 23.0	in. 23.1	in. 23.1	89.3	89.3	89.3
February -	20.4	41.4	41.7	41.6	35.5	47.8	26.2	5th	55.0	13th	23.1	23.5	23.3	87.3	87.5	87.4
March -	30.011	45.3	43.5	44.4	35.9	52.8	25.0	23rd	62.0	18th	24.4	24.7	24.6	80.2	86.0	83.1
April -	29.766	48.0	45.8	46.9	39.6	55.6	26.5	16th	62.0	20th	26.4	26.8	26.1	78.9	83.3	81.1
May -	30.046	54.6	50.9	52.8	42.9	63.0	31.8	17th	69.0	22nd	30.9	30.3	30.6	72.4	80.8	76.6
June -	29.899	56.9	54.1	55.5	47.8	63.6	34.5	16th	73.0	29th	34.3	34.8	34.6	73.8	82.4	78.1
July -	58.4	60.3	57.0	58.7	51.8	67.5	40.4	31st	74.9	2nd	39.9	39.9	39.9	76.7	85.6	81.2
August -	59.1	59.7	57.1	58.4	50.1	67.3	40.0	28th	78.1	6th	40.7	41.0	40.9	79.1	87.6	83.4
September -	58.6	53.3	50.6	52.0	43.9	61.6	34.0	16th	67.4	1st	35.8	35.0	35.4	87.9	93.8	90.9
October -	58.2	49.2	48.6	48.9	43.3	55.4	30.5	26th	67.0	1st	32.1	32.1	32.1	90.6	92.5	91.6
November -	57.0	42.0	42.6	42.3	37.2	48.0	23.0	15th	58.6	5th	23.5	24.5	24.0	85.9	87.5	86.7
December -	29.652	39.0	40.1	39.6	35.1	43.3	17.0	12th	55.3	27th	23.1	23.8	23.5	93.1	91.8	92.5
Year -	29.923	49.2	47.7	48.5	41.5	56.0	—	—	—	—	29.8	29.9	29.9	82.9	87.3	85.1

ST. DAVID'S, PEMBROKE.

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

January -	ins. 30.307	44.4	44.6	44.5	41.2	47.3	35.3	4th	51.0	5th	in. 26.1	in. 26.3	in. 26.2	88.5	88.5	88.5
February -	18.1	45.1	45.2	45.2	42.5	48.1	37.6	15th	51.5	13th	27.0	26.8	26.9	89.4	88.4	88.9
March -	30.014	46.3	45.7	46.0	42.3	50.2	34.3	21st	55.7	15th	27.6	27.3	27.5	87.1	87.8	87.5
April -	29.745	48.1	47.0	47.6	42.5	52.5	35.3	16th	57.4	9th	28.4	28.1	28.3	84.6	87.1	85.9
May -	30.025	53.7	50.2	52.0	46.3	58.3	38.5	15th	65.0	18th	33.0	32.7	32.9	79.6	89.4	84.5
June -	29.911	55.8	53.0	54.4	50.1	59.6	45.1	13th	67.4	30th	36.9	36.6	36.8	82.4	87.9	85.2
July -	58.18	58.6	56.1	57.4	53.4	62.3	50.2	11th	68.7	29th	42.4	40.8	41.6	86.0	90.5	88.3
August -	59.39	59.0	57.2	58.1	54.0	63.3	49.1	28th	72.0	12th	42.2	41.9	42.1	83.8	88.8	86.3
September -	58.74	55.7	53.6	54.7	50.3	59.8	42.2	14th	64.0	8th	36.5	36.5	36.5	81.8	87.8	84.8
October -	58.09	52.2	51.1	51.7	47.9	55.7	40.3	29th	61.4	1st	34.2	32.1	33.2	86.7	85.3	86.0
November -	57.15	46.3	45.7	46.0	42.1	49.3	31.7	15th	56.1	5th	26.1	25.8	26.0	81.8	82.5	82.2
December -	29.644	42.2	43.1	42.7	39.5	45.3	27.1	11th	52.0	27th	25.1	26.3	25.7	90.2	91.3	90.8
Year -	29.915	50.6	49.4	50.0	46.0	54.3	—	—	—	—	32.1	31.7	31.9	85.2	87.9	86.6

GELDESTON (BECCLES.)

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

1882.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	8.4	7.4	7.9	ins.	ins.	8th	9	0	0	0	2	19	3	0	1	5	4	7	14	19	0	12		
February -	7.8	6.1	7.0	1.650	.640	14th	12	1	0	0	4	15	1	1	3	3	3	7	12	12	6	9		
March -	5.3	3.8	4.6	1.360	.870	25th	9	2	2	0	9	7	1	3	1	1	0	3	17	21	5	11		
April -	6.5	4.0	5.3	2.740	.930	25th	16	0	1	1	6	5	3	3	6	12	3	10	11	8	3	4		
May -	5.1	5.1	5.1	1.510	.570	25th	10	0	1	3	8	8	0	9	8	9	2	7	10	2	4	11		
June -	8.1	5.4	6.8	2.770	.650	18th	16	0	1	8	3	10	0	3	0	5	2	13	11	12	7	7		
July -	7.0	5.7	6.4	2.570	.900	11th	19	0	2	10	0	9	0	6	1	1	0	11	25	4	3	11		
August -	7.1	5.8	6.5	1.520	.460	22nd	14	0	0	4	2	10	1	7	2	4	1	7	13	13	6	9		
September -	7.2	5.6	6.4	2.570	.770	12th	16	0	0	0	4	12	0	8	7	8	3	6	5	7	6	10		
October -	7.1	6.4	6.8	5.740	1.190	28th	24	1	1	2	4	15	1	3	5	14	5	9	6	9	1	10		
November -	5.9	6.2	6.1	3.130	.360	14th	26	2	4	0	4	13	1	3	4	5	1	4	10	24	4	5		
December -	8.1	6.3	7.2	3.800	.900	7th	24	4	3	0	5	18	0	1	3	8	5	8	8	13	2	14		
Year -	7.0	5.7	6.4	50.700	—	—	195	10	15	28	51	141	11	47	41	75	29	92	142	144	47	113		

CHELTENHAM.

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

January -	7.6	6.7	7.2	ins. 2.120	ins. 7.30	8th	11	0	0	0	3	17	0	1	2	0	5	17	11	5	2	19
February -	8.0	6.6	7.3	2.980	8.40	14th	12	1	0	0	2	16	2	0	0	0	8	10	10	8	7	13
March -	7.2	5.9	6.6	1.520	3.90	25th	13	2	0	0	1	9	2	1	0	1	1	3	24	9	13	10
April -	7.0	5.3	6.2	3.490	6.10	22nd	21	0	1	1	3	9	1	10	3	9	4	10	11	9	2	2
May -	5.9	4.7	5.3	1.700	4.10	25th	11	0	1	2	6	6	0	4	5	8	7	11	14	4	3	6
June -	7.7	6.8	7.3	3.470	5.20	26th	19	0	2	1	0	10	0	0	1	1	4	9	21	14	7	3
July -	7.5	7.6	7.6	3.610	11.50	11th	24	0	0	5	1	10	0	2	0	0	1	16	28	7	3	5
August -	7.5	5.8	6.7	2.950	8.80	25th	17	0	0	3	1	9	1	4	0	0	4	4	12	23	4	11
September -	6.6	5.6	6.1	3.230	7.00	19th	14	0	0	1	3	9	0	6	2	2	2	5	15	10	5	13
October -	7.8	6.8	7.3	5.830	11.10	23rd	26	1	0	1	1	13	2	11	1	3	7	11	13	4	0	12
November -	6.7	6.1	6.4	3.860	7.90	6th	22	1	1	1	2	10	4	0	4	0	5	4	13	18	12	4
December -	8.2	8.7	8.5	3.160	3.60	25th	24	6	0	0	0	18	2	8	0	0	11	8	11	9	7	8
Year -	7.3	6.4	6.9	37.920	—	—	214	11	5	15	23	136	14	47	18	24	59	108	183	120	65	106

CARMARTHEN

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

1882.	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°324	41°8	41°4	41°6	36°9	46°8	26°5	19th 5th 16th	53°4	11th	in. °254	in. °246	in. °250	% 94°2	% 93°2	% 93°7	
February - -	190	43°5	43°6	43°6	39°5	49°7	32°6	16th	54°0	14th	°262	°260	°261	91°8	90°9	91°4	
March - -	30°014	45°6	44°2	44°9	39°1	51°4	28°5	4th	60°7	17th	°268	°268	°268	86°9	90°8	88°9	
April - -	29°748	49°0	45°4	47°2	40°5	55°1	29°4	11th	63°3	8th	°271	°262	°267	78°1	85°7	81°9	
May -	30°022	55°7	50°0	52°9	44°4	61°5	35°4	5th	69°2	31st	°331	°306	°319	74°7	84°6	79°7	
June -	29°901	57°2	52°3	54°8	48°5	61°5	38°3	17th	72°8	30th	°356	°346	°351	75°8	87°8	81°8	
July - -	°842	61°2	56°3	58°8	51°4	65°1	43°2	27th	73°7	1st	°447	°395	°421	83°0	87°0	85°0	
August - -	°932	60°8	57°0	58°9	52°1	65°9	44°1	28th	77°2	9th	°429	°414	°422	80°8	88°5	84°7	
September -	°868	56°1	52°1	54°1	46°0	61°7	34°0	14th	67°2	9th	°374	°366	°370	83°2	93°0	88°1	
October - -	°813	51°4	48°2	49°8	43°9	56°7	33°0	25th	65°1	1st	°337	°313	°325	88°0	92°0	90°0	
November -	°717	44°3	43°0	43°7	37°9	50°0	24°9	15th	58°0	1st	°260	°248	°254	87°3	87°4	87°4	
December -	29°657	40°7	41°5	41°1	37°1	44°7	19°8	11th	53°8	27th	°248	°254	°251	93°7	94°2	94°0	
Year -	29°919	50°6	47°9	49°3	43°1	55°8	—	—	—	—	°320	°307	°314	84°8	89°6	87°2	

MARLBOROUGH, WILTS

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

January	ins. 30.376	38.9	38.9	38.9	34.9	44.3	24.4	25th	51.4	11th	in. 226	in. 223	in. 225	93.3	92.7	93.0
February	242	39.3	40.8	40.1	36.0	47.0	25.3	4th	55.0	14th	228	239	234	93.6	92.4	93.0
March	30.048	45.1	42.7	43.9	36.3	53.6	26.2	23rd	64.1	18th	251	250	251	82.9	90.0	86.5
April	29.788	47.8	44.6	46.2	39.3	55.1	30.5	10th	61.4	21st	269	259	264	81.0	87.8	84.4
May	30.062	54.2	50.2	52.2	43.4	61.9	32.7	9th	68.1	29th	318	301	310	75.7	82.8	79.3
June	29.927	56.1	52.2	54.2	47.3	62.4	37.1	13th	70.2	27th	363	350	357	80.6	88.7	84.7
July	872	60.6	56.0	58.3	51.1	66.8	44.4	27th	73.4	3rd	408	404	406	77.8	89.8	83.8
August	939	59.7	56.4	58.1	50.4	66.7	43.0	28th	78.7	12th	399	410	405	78.0	89.8	83.9
September	886	55.1	50.6	52.9	44.6	61.8	33.7	14th	66.5	3rd	363	347	355	83.5	93.1	88.3
October	845	48.9	47.8	48.4	43.1	55.2	28.3	26th	66.0	1st	325	317	321	93.0	94.4	93.7
November	737	40.6	40.8	40.7	36.4	47.3	22.2	18th	58.8	5th	235	242	239	90.6	92.2	91.4
December	29.683	38.0	38.9	38.5	34.6	42.7	11.8	11th	54.1	27th	229	237	233	94.6	95.1	94.9
Year	29.950	48.7	46.7	47.7	41.5	55.4	—	—	—	—	301	298	300	85.4	90.7	88.1

MARGATE

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

January	ins. —	40.2	—	—	36.4	44.9	28.6	26th	55.3	2nd	in. 236	in. —	in. —	93.7	—	—
February	—	41.6	—	—	37.3	46.6	28.8	5th	54.5	26th	235	—	—	87.7	—	—
March	—	46.5	—	—	40.2	52.8	32.5	22nd	62.0	20th	260	—	—	81.6	—	—
April	—	49.0	—	—	43.1	54.1	37.0	11th	61.7	21st	277	—	—	79.8	—	—
May	—	55.5	—	—	47.3	60.4	40.0	13th	69.4	29th	336	—	—	75.8	—	—
June	—	58.1	—	—	50.2	63.7	41.1	16th	72.5	3rd	363	—	—	74.9	—	—
July	29.892	60.9	57.0	59.0	52.8	67.1	47.0	27th	72.7	30th	404	402	403	76.3	86.5	81.4
August	911	60.9	59.2	60.1	54.1	66.9	47.1	31st	77.9	2nd	425	422	424	79.2	83.8	81.5
September	854	57.3	55.6	56.5	51.8	62.4	40.6	15th	69.1	5th	388	388	388	82.5	87.1	84.8
October	829	52.7	51.8	52.3	47.9	57.8	36.8	30th	67.8	1st	348	346	347	86.5	88.6	87.6
November	673	44.1	44.8	44.5	39.3	49.6	31.6	29th	64.1	6th	253	257	255	86.0	84.7	85.4
December	29.670	40.6	40.9	40.8	36.2	44.9	24.8	11th	55.8	27th	245	247	246	94.0	93.6	93.8
Year	—	50.6	—	—	44.7	55.9	—	—	—	—	314	—	—	83.2	—	—

CARMARTHEN.

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

1882.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	8.3	8.5	8.4	ins. 5.470	ins. 1.400	8th	19	0	0	0	2	22	1	3	0	6	6	4	9	10	0	24
February	8.3	7.3	7.8	4.580	8.50	26th	16	1	0	0	1	16	0	4	0	11	6	6	7	10	1	11
March	7.8	5.9	6.9	3.320	5.80	25th	21	1	2	0	2	13	0	4	0	2	0	1	18	12	6	19
April	6.4	4.9	5.7	5.530	7.80	22nd	21	0	2	0	5	7	0	3	0	17	5	5	8	6	6	10
May	5.7	3.4	4.6	1.740	4.30	23rd	12	0	2	2	11	10	0	6	2	18	0	11	8	5	1	11
June	7.3	6.0	6.7	3.760	4.90	17th	21	0	0	0	1	9	0	5	0	6	2	3	16	11	7	10
July	7.5	6.3	6.9	7.280	8.10	14th	26	0	0	0	1	10	0	2	0	2	1	13	26	8	7	3
August	7.1	6.0	6.6	5.350	9.80	15th	20	0	0	1	3	10	1	10	0	3	2	11	4	7	19	6
September	6.4	4.4	5.4	4.520	9.00	1st	19	0	1	0	3	9	0	6	5	6	2	8	4	7	1	21
October	7.9	6.0	7.0	8.170	1.360	20th	24	0	0	1	2	13	0	4	5	16	1	8	7	5	0	16
November	6.2	6.2	6.2	6.660	7.80	23rd	25	0	4	0	4	9	1	7	1	7	1	3	7	24	5	5
December	8.5	8.3	8.4	6.300	7.90	29th	23	3	0	0	0	22	0	5	2	12	2	7	13	4	6	11
Year	7.3	6.1	6.7	62.680	—	—	247	5	11	4	35	150	3	59	15	106	28	80	127	109	59	147

MARLBOROUGH, WILTS.

Thermometers, 4 feet above ground. Rain-gauge, 1 foot 2 inches above ground.

January	8.6	6.7	7.7	ins. 1.670	ins. 4.80	8th	13	1	0	0	3	19	0	0	0	0	3	8	9	0	1	41
February	8.8	7.3	8.1	2.350	5.70	28th	10	0	0	0	1	19	0	1	0	4	3	9	7	6	5	21
March	5.6	5.2	5.4	1.860	5.50	25th	15	1	1	0	9	12	1	3	0	1	0	6	11	11	3	27
April	7.3	5.1	6.2	5.000	9.50	22nd	19	0	3	1	3	12	0	1	5	8	1	6	8	4	5	22
May	6.7	4.4	5.6	2.590	6.10	23rd	12	1	0	2	8	10	0	1	1	9	2	1	12	0	0	36
June	8.6	6.8	7.7	5.840	1.250	22nd	21	0	2	1	0	15	0	3	0	2	2	4	10	6	3	30
July	8.0	7.0	7.5	3.810	6.70	11th	23	0	0	3	0	14	0	2	0	0	0	7	22	2	1	28
August	6.8	4.8	5.8	2.370	4.90	24th	13	0	0	1	2	5	0	1	0	0	0	1	4	3	11	40
September	6.0	5.0	5.5	3.200	8.50	19th	12	0	0	2	9	9	0	3	3	2	2	3	5	1	2	39
October	7.7	7.3	7.5	6.740	1.150	15th	25	1	1	2	2	18	0	2	2	11	2	7	4	3	1	30
November	5.9	6.1	6.0	4.300	7.70	6th	23	1	0	0	3	9	0	6	1	3	1	4	7	13	3	22
December	8.5	8.8	8.7	4.060	6.60	25th	24	4	1	0	1	23	0	4	1	2	4	8	5	4	5	29
Year	7.4	6.2	6.8	43.790	—	—	210	9	8	12	41	105	1	27	13	42	20	64	104	53	40	367

MARGATE.

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

January	9.1	—	—	ins. 0.720	ins. 2.20
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STRATHFIELD TURGISS, HANTS

Long. 1° 0' W. Lat. 51° 20' N. Height above Mean Sea Level, 195 feet.

1882.	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° 38.6	39° 5	39° 3	39° 4	35° 0	45° 4	24° 0	25th	53° 2	6th	in. ° 22.2	in. ° 22.4	in. ° 22.3	° 90.3	° 91.8	° 91.1
February -	24.2	41° 1	41° 6	41° 4	36° 2	48° 8	22° 0	2nd	57° 4	14th	° 23.0	° 23.9	° 23.5	87° 3	89° 1	88° 2
March -	30° 04.3	46° 1	44° 1	45° 1	36° 3	55° 6	28° 3	23rd	64° 5	18th	° 25.7	° 25.9	° 25.8	81° 8	88° 1	85° 0
April -	29° 79.6	49° 4	45° 5	47° 5	38° 7	58° 2	29° 8	16th	64° 3	6th { 20th	° 27.5	° 25.3	° 26.4	78° 4	82° 9	80° 7
May -	30° 06.5	56° 6	51° 2	53° 9	43° 2	65° 7	33° 3	17th	71° 8	29th	° 34.1	° 31.3	° 32.7	74° 2	82° 6	78° 4
June -	29° 93.0	58° 4	53° 6	56° 0	45° 6	65° 9	36° 6	17th	73° 9	27th	° 37.0	° 35.9	° 36.5	75° 7	86° 8	81° 3
July -	28.86	61° 6	57° 4	59° 5	50° 8	70° 4	35° 2	26th	77° 2	30th	° 41.8	° 41.3	° 41.6	76° 7	87° 5	82° 1
August -	29.20	61° 3	56° 6	59° 0	50° 6	70° 4	44° 0	31st	83° 7	6th	° 40.7	° 40.3	° 40.5	75° 4	87° 6	81° 5
September -	28.82	55° 3	51° 4	53° 4	43° 7	61° 3	32° 5	15th	69° 6	3rd	° 37.4	° 34.8	° 36.1	85° 0	90° 8	87° 9
October -	28.46	50° 4	49° 1	49° 8	43° 0	57° 4	27° 7	26th	69° 2	1st	° 33.4	° 32.5	° 33.0	90° 4	92° 0	91° 2
November -	27.32	42° 6	42° 4	42° 5	36° 9	49° 0	21° 2	18th	60° 3	5th	° 23.9	° 24.1	° 24.0	85° 0	86° 2	85° 6
December -	29° 69.0	39° 1	40° 1	39° 6	34° 5	44° 2	18° 0	11th	57° 2	27th	° 23.2	° 23.7	° 23.5	92° 1	90° 9	91° 5
Year	29° 95.2	50° 1	47° 7	48° 9	41° 3	57° 9	—	—	—	—	° 30.8	° 30.1	° 30.5	82° 7	88° 0	85° 4

SOUTHAMPTON

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

January	ins. 30.389	40.4	41.1	40.8	36.8	45.6	27.5	24th	52.7	6th	in. 24.2	24.5	24.4	94.5	93.2	93.9
February	25.0	42.4	43.0	42.7	38.7	49.5	28.5	2nd	56.2	12th	25.1	26.3	25.7	90.9	93.3	92.1
March	30.062	47.9	45.2	46.6	39.2	54.9	29.5	23rd	64.3	18th	26.7	27.1	26.9	79.8	88.6	84.2
April	29.790	51.2	47.4	49.3	42.5	57.9	34.8	11th	65.1	20th	29.0	27.3	28.2	77.1	83.5	80.3
May	30.056	57.3	52.5	54.9	46.1	63.3	37.2	16th	70.6	30th	33.6	33.0	33.3	71.5	83.0	77.3
June	29.935	59.6	55.5	57.6	50.3	65.0	40.9	13th	73.5	30th	38.7	37.9	38.3	75.9	85.4	80.7
July	28.93	61.7	58.4	60.1	53.9	67.4	49.3	31st	74.8	30th	42.7	43.1	42.9	78.5	88.0	83.3
August	29.49	62.6	59.0	60.8	53.3	69.0	48.2	20th	81.4	6th	42.5	43.6	43.1	75.4	86.6	81.0
September	28.81	57.6	53.4	55.5	48.0	64.3	37.2	14th	69.6	10th	37.8	36.9	37.4	79.4	88.9	84.2
October	28.41	52.3	50.8	51.6	45.4	58.0	33.3	30th	69.1	1st	35.6	34.7	35.2	89.6	92.4	91.0
November	27.49	44.0	44.1	44.1	39.6	50.6	26.1	18th	59.3	5th	25.6	26.6	26.1	86.6	89.3	88.0
December	29.692	40.8	41.8	41.3	37.5	45.9	20.3	11th	54.7	27th	24.9	25.7	25.3	92.9	92.8	92.9
Year	29.957	51.5	49.4	50.5	44.3	57.6	—	—	—	—	32.2	32.2	32.2	82.7	88.8	85.8

ST. LEONARDS

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

January	ins. 30.406	40.9	41.1	41.0	37.8	44.8	28.7	18th	50.6	6th	in. 23.6	23.8	23.7	90.8	91.0	90.9
February	26.6	42.4	42.7	42.6	39.3	46.4	31.1	5th	52.2	25th	23.9	24.5	24.2	86.5	88.0	87.3
March	30.059	46.6	45.3	46.0	40.9	50.8	30.4	22nd	58.7	15th	26.4	26.7	26.6	83.1	87.5	85.3
April	29.807	49.9	47.3	48.6	43.5	55.4	37.1	16th	62.3	6th	27.8	27.0	27.4	77.3	82.5	79.9
May	30.071	55.8	51.8	53.8	48.0	60.1	40.2	9th	67.1	31st	33.0	31.8	32.4	74.4	81.8	78.1
June	29.942	57.5	54.9	56.2	51.4	61.3	40.3	13th	67.1	3rd	36.6	37.6	37.1	77.2	86.5	81.9
July	29.17	60.2	59.0	59.6	55.7	64.3	51.2	1st	75.2	30th	41.9	41.8	41.9	80.5	83.9	82.2
August	29.42	61.2	59.6	60.4	54.4	66.8	48.8	4th	76.4	12th	40.8	41.7	41.3	75.4	81.5	78.5
September	28.73	57.9	55.4	56.7	51.7	62.8	44.3	28th	67.5	9th	38.5	38.1	38.3	80.2	85.7	83.0
October	28.51	53.6	52.3	53.0	49.0	58.0	40.7	30th	65.0	1st	36.0	35.0	35.5	86.9	87.8	87.4
November	27.34	44.5	44.7	44.6	41.0	49.9	31.3	18th	57.6	4th	25.9	25.8	25.9	87.3	85.0	86.2
December	29.703	40.7	41.8	41.3	38.2	45.1	26.9	2nd	52.4	26th	24.7	25.1	24.9	93.6	91.5	92.6
Year	29.964	50.9	49.7	50.3	45.9	55.5	—	—	—	—	31.6	31.6	31.6	82.8	86.1	84.5

—STRATHFIELD TURGISS, HANTS.

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

1882.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	8.3	7.2	7.8	ins. 1.412	ins. 4.38	2nd	10	0	0	0	2	20	0	6	3	1	5	10	19	6	8	4
February	7.9	7.0	7.5	1.589	5.33	28th	12	0	0	0	2	16	0	3	1	2	10	1	11	13	9	6
March	6.6	5.2	5.9	0.993	5.03	25th	10	4	2	0	6	13	0	4	1	2	0	3	26	18	4	4
April	6.7	4.9	5.8	3.463	7.85	25th	16	0	2	0	3	10	0	5	6	7	7	4	14	12	5	0
May	5.9	3.3	4.6	1.428	5.29	5th	8	0	1	3	7	5	0	4	11	6	6	5	14	7	3	6
June	8.3	6.7	7.5	2.079	4.73	8th	15	0	1	3	1	15	0	2	4	2	3	4	20	16	9	0
July	7.4	6.9	7.2	1.750	2.65	24th	16	0	0	3	0	12	0	2	1	2	2	7	33	9	5	1
August	6.7	4.6	5.7	1.743	4.38	31st	13	0	0	1	3	6	0	1	5	0	2	7	13	17	16	1
September	6.2	4.1	5.2	2.836	1.076	19th	12	0	0	1	6	6	0	12	8	3	2	5	13	7	8	2
October	7.4	6.1	6.8	5.948	1.021	15th	23	1	0	0	4	16	0	1	8	6	6	4	16	12	6	3
November	5.1	5.5	5.3	3.054	5.82	6th	21	3	1	0	5	8	0	4	8	1	1	1	19	18	7	1
December	7.9	8.3	8.1	2.185	4.19	30th	20	3	0	0	2	20	0	4	4	2	8	4	11	11	10	8
Year	7.0	5.8	6.4	28.480	—	—	176	11	7	11	41	147	0	48	60	34	52	55	209	146	90	36

SOUTHAMPTON.

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

Thermometers, 4 feet 6 inches above ground.																							
				ins.	ins.																		
January	-	9.1	7.7	8.4	1.785	.658	2nd	11	0	0	0	1	21	3	3	6	7	11	2	16	4	6	7
February	-	8.3	6.9	7.6	1.892	.648	28th	11	0	0	0	3	18	3	0	7	6	6	5	12	7	8	5
March	-	5.4	4.5	5.0	0.591	.200	25th	13	0	1	0	10	10	1	4	2	1	1	3	24	11	8	8
April	-	6.9	4.9	5.9	3.587	.537	25th	20	0	0	2	3	12	1	2	14	3	10	4	12	5	10	0
May	-	7.0	4.0	5.5	1.859	.529	5th	10	0	0	1	6	7	2	4	13	4	11	6	15	3	4	2
June	-	8.3	6.4	7.4	3.071	.471	8th	18	0	0	0	1	13	1	2	3	2	2	8	20	10	13	0
July	-	8.4	6.6	7.5	2.838	.425	17th	18	0	0	0	0	16	0	1	2	0	1	6	42	1	6	3
August	-	7.4	5.3	6.4	2.123	.588	31st	16	0	0	1	3	11	1	1	6	1	2	3	23	8	17	1
September	-	6.3	4.4	5.4	2.242	.838	28th	12	0	1	1	7	3	1	7	18	3	2	2	11	3	11	3
October	-	7.6	6.9	7.3	6.835	1.705	15th	25	0	2	2	1	17	1	4	19	3	5	3	14	5	4	5
November	-	6.1	6.0	6.1	4.314	.687	12t	24	1	0	0	4	9	2	4	8	0	3	1	18	14	11	1
December	-	8.4	8.4	8.4	2.896	.368	31st	22	3	0	0	1	22	0	3	8	1	13	3	15	6	8	5
Year	-	7.4	6.0	6.7	34.033	—	—	200	4	4	7	40	164	16	35	106	31	67	46	222	77	106	40

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

BABBACOMBE

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

1882.		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.							
		ins.	°	°	°	°	°	°				in.	in.	in.	%	%	%	
January	-	30° 37.3	43° 2	42° 4	42° 8	39° 2	47° 2	27° 2	24th	54° 7	27th	25.3	24.6	25.0	89° 2	89° 5	89° 4	
February	-	23.6	44° 5	44° 1	44° 3	39° 9	50° 4	30° 2	5th	57° 8	22nd	26.1	26.0	26.1	88° 4	89° 1	88° 8	
March	-	30° 07.5	48° 3	44° 3	46° 3	39° 5	54° 2	32° 2	22nd	63° 5	18th	26.9	26.2	26.6	79° 1	88° 7	83° 9	
April	-	29° 78.0	49° 1	46° 1	47° 6	42° 2	54° 5	33° 9	11th	64° 3	20th	28.5	27.6	28.1	82° 1	88° 2	85° 2	
May	-	30° 04.6	54° 6	50° 9	52° 8	46° 6	60° 0	37° 5	17th	66° 7	11th 28th 30th	32.9	31.7	32.3	76° 9	84° 5	80° 7	
June	-	29° 95.6	57° 1	52° 9	55° 0	49° 3	62° 4	42° 2	17th	70° 7		30th	35.7	35.0	35.4	76° 8	86° 8	81° 8
July	-	89.0	61° 1	55° 8	58° 5	52° 6	65° 9	47° 0	27th	72° 7		31st	41.6	39.3	40.5	78° 0	88° 2	83° 1
August	-	97.5	61° 6	57° 0	59° 3	53° 2	67° 4	47° 9	24th	78° 2	6th	40.9	40.4	40.7	75° 0	86° 5	80° 8	
September	-	89.2	56° 7	52° 2	54° 5	47° 5	61° 8	36° 9	14th	66° 9	3rd	35.7	34.3	35.0	77° 6	87° 0	82° 3	
October	-	84.0	52° 3	49° 7	51° 0	45° 2	57° 2	34° 3	26th	65° 7	1st	35.1	32.1	33.6	88° 6	89° 1	88° 9	
November	-	77.6	46° 3	41° 3	45° 3	40° 1	50° 9	30° 1	18th	58° 8	5th	25.6	25.8	25.7	80° 0	86° 3	83° 2	
December	-	29° 69.1	42° 6	42° 6	42° 6	39° 0	46° 7	20° 4	11th	54° 2	27th	25.8	26.0	25.9	91° 4	91° 3	91° 4	
Year	-	29° 96.1	51° 5	48° 5	50° 0	44° 5	56° 6	—	—	—	—	31.7	30.8	31.3	81° 9	87° 9	84° 9	

TOTNES

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

Average from Sea Level, 50 feet.																	
January	-	ins. 30°379	43°4	43°6	43°5	39°2	48°2	23°0	24th	55°2	27th	in. 260	in. 257	in. 259	% 90.2	% 89.2	% 89.7
February	-	243	43.4	44.1	43.8	38.3	51.2	27.1	5th	57.5	12th	256	263	260	89.7	89.7	89.7
March	-	30°085	47.2	44.3	45.8	37.3	55.8	27.0	4th	62.6	18th	263	268	266	80.5	90.6	85.6
April	-	29°786	50.8	46.4	48.6	40.6	56.3	29.3	11th	63.9	20th	293	281	287	79.3	89.0	84.2
May	-	30°042	56.8	50.7	53.8	43.7	62.1	32.3	17th	71.3	30th	334	329	332	72.4	88.3	80.4
June	-	29°954	58.5	53.7	56.1	48.4	63.5	38.1	16th	74.2	30th	364	366	365	74.5	87.9	81.2
July	-	890	62.1	56.9	59.5	52.1	67.2	41.8	27th	75.6	30th	419	408	414	75.7	88.1	81.9
August	-	974	62.8	57.3	60.1	51.6	68.3	45.4	6th	80.2	6th	419	421	420	73.6	89.0	81.3
September	-	891	57.4	51.2	54.3	44.3	63.5	30.4	14th	70.0	10th	363	352	358	77.4	93.1	85.3
October	-	838	51.8	49.5	50.7	43.2	58.6	30.2	26th	67.2	1st	349	331	340	89.5	92.2	90.9
November	-	783	45.1	45.0	45.1	39.4	52.5	25.9	18th	59.2	5th	257	267	262	84.0	86.7	85.4
December	-	29°690	41.8	42.8	42.3	38.2	47.3	16.2	11th	54.7	25th	260	268	264	93.0	92.5	92.8
Year	-	29°963	51.8	48.8	50.3	43.0	57.9	—	—	—	—	320	318	319	81.7	89.7	85.7

HELSTON

Long. 5° 15' W. Lat. 50° 6' N. Height above Mean Sea Level, 184 feet.

Height above Mean Sea Level, 184 feet.																
January	ins.	45° 0	45° 4	45° 2	41° 0	48° 6	29° 9	24th	54° 6	14th	in.	in.	in.	°/10	°/10	°/10
February	—	45° 6	45° 6	45° 6	41° 2	50° 2	33° 2	5th	54° 7	27th	278	276	277	91° 7	89° 7	90° 4
March	—	47° 7	45° 9	46° 8	41° 6	52° 5	33° 9	3rd	61° 4	17th	278	279	279	90° 0	90° 8	90° 4
April	—	50° 4	47° 3	48° 9	43° 3	54° 4	33° 2	11th	58° 5	4th	292	284	288	87° 7	89° 9	88° 8
May	—	55° 2	50° 4	52° 8	46° 8	59° 4	38° 5	9th	67° 1	21st	314	301	308	86° 1	91° 8	89° 0
June	—	56° 6	53° 3	55° 0	50° 4	60° 8	41° 0	17th	67° 1	31st	362	335	349	82° 7	91° 0	86° 9
July	—	59° 5	56° 3	57° 9	53° 5	65° 4	44° 9	27th	67° 2	30th	371	364	368	81° 0	89° 0	85° 0
August	—	60° 9	57° 5	59° 2	51° 0	66° 3	49° 1	4th	67° 7	1st	428	404	416	85° 1	88° 7	86° 9
September	—	56° 6	53° 1	54° 9	49° 0	60° 5	39° 1	14th	80° 7	12th	447	434	441	83° 6	91° 4	87° 5
October	—	53° 7	51° 7	52° 7	47° 5	57° 5	39° 1	29th	64° 8	8th	378	370	374	82° 0	90° 5	86° 3
November	—	47° 4	47° 5	47° 5	43° 3	52° 7	32° 2	15th	64° 7	1st	356	339	348	85° 4	88° 0	86° 7
December	—	44° 5	44° 9	44° 7	41° 5	49° 2	27° 7	10th	60° 8	5th	275	285	280	82° 8	85° 0	83° 9
Year	—	51° 9	49° 9	50° 9	46° 1	56° 3	—	—	55° 6	16th	280	286	283	91° 5	92° 8	92° 2
											338	330	334	85° 8	89° 9	87° 9

MONTHLY SUMMARIES.—BABBACOMBE—TOTNES—HELSTON.

BABBACOMBE.

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

1882.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	8.7	7.6	8.2	ins.	ins.	2nd	13	0	1	0	2	20	6	3	4	12	6	10	17	7	2	1	
February -	7.9	7.1	7.5	1.730	.400	28th	12	0	0	0	1	13	4	2	1	8	9	9	9	12	4	2	
March -	5.9	4.8	5.4	1.160	.170	11th	17	1	4	0	6	8	5	4	4	0	0	1	23	14	13	3	
April -	7.0	5.6	6.3	6.490	.800	21st	23	0	5	0	5	11	3	5	10	6	7	7	10	10	5	0	
May -	6.4	4.8	5.6	1.520	.480	25th	11	0	1	0	4	9	0	2	9	18	2	4	12	6	6	3	
June -	8.0	5.8	6.9	3.560	.930	5th	19	0	0	0	0	11	0	3	2	4	0	6	14	18	12	1	
July -	6.8	6.6	6.7	3.330	.740	14th	17	0	0	1	1	11	2	2	3	2	0	5	31	11	8	0	
August -	6.8	5.2	6.0	2.090	1.120	31st	14	0	0	1	4	9	3	5	2	6	1	1	12	20	14	1	
September -	5.8	5.3	5.6	4.400	1.020	28th	16	0	2	1	7	10	1	8	9	3	2	5	9	12	11	1	
October -	7.9	6.5	7.2	6.790	1.140	23rd	26	0	2	1	0	14	1	9	8	5	3	5	11	14	5	2	
November -	5.8	6.2	6.0	3.980	.850	12th	24	0	1	1	0	7	12	6	2	3	1	1	16	18	13	0	
December -	8.3	7.5	7.9	3.880	.400	12th	22	5	0	0	2	18	6	4	5	6	5	4	14	13	9	2	
Year	7.1	6.1	6.6	41.230	—	—	214	6	16	5	32	141	43	53	59	73	36	58	178	155	102	16	

TOTNES.

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

January	-	8.2	7.3	7.8	ins.	ins.	2nd	15	0	0	0	2	18	2	3	2	10	8	8	12	8	3	8
February	-	7.9	8.2	8.1	2.940	.830		13	0	0	0	1	20	2	3	0	3	6	7	8	9	7	13
March	-	5.9	4.3	5.1	3.010	1.020	28th	20	1	3	0	8	10	2	2	0	0	0	2	19	15	9	15
April	-	6.4	4.9	5.7	1.920	.410	25th	22	0	1	0	5	9	3	3	3	4	9	3	10	11	6	11
May	-	5.7	4.1	4.9	7.260	1.010	12th	11	0	0	0	8	6	0	2	4	13	4	4	12	7	1	15
June	-	7.5	6.4	7.0	1.470	.360	23rd	24	0	0	0	2	10	1	2	1	3	2	5	14	16	13	4
July	-	6.4	6.4	6.4	4.410	1.470	5th	20	0	0	0	2	11	0	3	0	1	1	4	32	7	11	3
August	-	6.5	5.5	6.0	4.310	.940	14th	16	0	0	1	5	9	1	6	3	2	1	3	10	16	10	11
September	-	5.1	4.4	4.8	2.720	1.100	31st	15	0	0	0	12	9	0	6	7	1	4	3	8	10	7	14
October	-	7.6	5.9	6.8	5.340	1.210	24th	26	0	1	0	1	9	1	4	2	2	4	4	11	6	6	23
November	-	5.4	6.0	5.7	7.510	.930	23rd	27	1	3	0	1	5	11	2	3	0	2	1	13	20	11	8
December	-	8.2	7.4	7.8	6.170	1.140	12th	26	5	1	0	2	18	3	1	0	0	8	4	12	9	10	18
Year	-	6.7	5.9	6.3	53.660	—	—	235	7	9	1	49	134	26	37	25	39	49	48	161	134	94	143

ST. AUBIN'S, JERSEY

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

1882.	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°453	42°0	41°8	41°9	38°3	45°3	29°0	26th	53°5	9th	in. 245	in. 244	in. 245	% 90°7	% 90°6	% 90°7
February - -	320	43°7	43°3	43°5	39°3	48°0	29°2	6th	56°3	25th	248	252	250	84°9	87°9	86°4
March - -	30°151	49°4	46°5	48°0	42°6	53°5	35°4	22nd	62°2	18th	282	275	279	80°0	86°3	83°2
April - -	29°848	51°8	48°9	50°4	45°3	56°3	40°1	11th	62°0	22nd	303	288	296	78°8	83°3	81°1
May - -	30°075	57°0	52°7	54°9	49°1	61°5	43°8	8th	68°7	22nd	342	324	333	73°3	80°8	77°1
June - -	30°027	58°9	55°0	57°0	51°9	62°6	45°1	13th	67°7	30th	388	373	381	77°9	85°6	81°8
July - -	29°983	61°7	57°6	59°7	55°1	66°1	52°8	10th	71°1	1st	440	417	429	80°2	87°6	83°9
August - -	30°034	63°1	59°3	61°2	56°3	67°3	51°9	24th	80°0	12th	445	444	445	77°6	87°5	82°6
September - -	29°927	59°4	55°8	57°6	52°6	63°3	45°1	13th	68°6	1st	390	377	384	77°0	84°0	80°5
October - -	894	56°0	54°0	55°0	50°2	59°4	42°5	29th	67°9	1st	366	367	367	81°2	87°3	84°3
November - -	856	50°1	48°4	49°3	45°0	53°3	37°6	17th	59°3	2nd	294	292	293	79°7	84°7	82°2
December - -	29°772	44°9	45°0	45°0	41°1	47°7	30°2	12th	54°2	{ 27th 31st }	270	277	274	88°5	90°2	89°4
Year -	30°028	53°2	50°7	52°0	47°2	57°0	—	—	—	—	334	328	331	80°8	86°3	83°6

LONDONDERRY

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

Height above Mean Sea Level, 50 feet.																	
		ins.										in.	in.	in.	%	%	%
January	-	30 ¹ 57	43 ³	44 ⁰	43 ⁷	38 ²	—	28 ²	29th	—	—	248	255	252	87 ²	87 ⁵	87 ⁴
February	-	30 ⁰ 55	44 ⁵	44 ¹	44 ³	38 ⁰	—	31 ⁰	16th	—	—	263	257	260	89 ⁰	88 ⁵	88 ⁸
March	-	29 ⁸ 63	45 ⁹	43 ⁶	44 ⁸	37 ⁵	52 ⁸	29 ⁰	21st	58 ¹	28th	260	246	253	83 ⁵	86 ¹	84 ⁸
April	-	29 ⁷ 60	48 ⁰	43 ⁹	46 ⁰	37 ⁰	54 ⁴	29 ²	16th	62 ⁰	8th	259	249	254	77 ⁰	86 ³	81 ⁷
May	-	30 ⁰ 06	55 ³	48 ⁹	52 ¹	40 ⁵	62 ⁶	32 ⁹	5th	72 ²	18th	299	285	292	69 ¹	82 ¹	75 ⁶
June	-	29 ⁸ 51	57 ¹	52 ⁴	54 ³	45 ⁶	64 ¹	37 ¹	1st	76 ⁶	30th	342	338	340	73 ⁴	85 ⁴	79 ⁴
July	-	706	60 ²	55 ⁶	57 ⁹	49 ⁶	66 ⁸	44 ⁶	11th	72 ²	1st	391	396	394	75 ⁰	89 ¹	82 ¹
August	-	886	58 ⁹	55 ¹	57 ⁰	49 ⁵	65 ⁴	43 ²	31st	83 ⁵	10th	411	394	403	82 ⁰	90 ³	86 ²
September	-	853	54 ¹	49 ⁶	51 ⁹	43 ⁵	60 ³	34 ⁵	30th	72 ⁰	1st	344	325	335	82 ⁰	91 ²	86 ⁶
October	-	797	48 ⁷	46 ⁸	47 ⁸	41 ³	56 ²	30 ¹	26th	63 ⁵	8th	309	298	304	88 ⁶	91 ⁸	90 ²
November	-	611	41 ¹	40 ¹	40 ⁶	36 ⁰	49 ⁷	25 ¹	14th	58 ⁰	24th	236	227	232	89 ²	90 ⁴	89 ⁸
December	-	29 ⁶ 25	36 ⁶	36 ⁶	36 ⁶	31 ⁶	45 ²	17 ⁰	15th	56 ⁰	3rd	202	204	203	89 ⁴	90 ¹	89 ⁸
Year	-	29 ⁸ 48	49 ⁵	46 ⁷	48 ¹	40 ⁷	—	—	—	—	—	297	290	294	82 ¹	88 ²	85 ²

BROOKEBOROUGH (COLEBROOKE PARK)

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

Height above Mean Sea Level, 278 feet.																	
	ins.											in.	in.	in.	%	%	%
January	30.168	41.3	42.5	41.9	37.9	47.1	29.3	21st	53.9	14th	241	257	249	93	94	94	
February	30.054	43.2	43.7	43.5	39.4	49.3	31.8	3rd	53.9	26th	260	265	263	92	92	92	
March	29.885	43.5	43.3	43.4	38.4	50.2	30.8	21st	58.0	16th	262	263	263	93	94	93	
April	730	44.3	43.9	44.1	37.8	52.4	26.0	16th	61.0	10th	256	268	262	88	94	91	
May	980	52.0	49.7	50.9	40.9	60.7	31.8	4th	71.9	13th	315	312	314	81	87	84	
June	837	54.1	52.5	53.3	45.8	61.7	33.3	16th	75.1	30th	354	354	354	85	90	87	
July	699	56.9	55.8	56.4	50.1	63.7	41.9	26th	74.9	26th	381	393	387	83	88	85	
August	875	56.4	56.1	56.3	50.5	64.3	43.9	17th	80.4	10th	402	396	399	89	87	88	
September	837	50.5	48.6	49.6	43.4	58.3	32.8	30th	66.5	1st	331	318	325	91	93	92	
October	778	45.9	46.2	46.1	41.2	54.4	26.8	29th	67.0	1st	281	287	284	92	93	92	
November	613	39.2	39.0	39.1	34.1	46.5	22.8	12th	56.1	5th	220	218	219	92	92	92	
December	29.603	34.9	34.9	34.9	29.2	40.2	12.8	11th	51.9	28th	189	189	189	93	93	93	
Year	29.838	46.9	46.4	46.7	40.7	54.1	—	—	—	—	291	293	292	89.3	91.4	90.3	

ST. AUBIN'S, JERSEY.

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

1882.		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 S. or M.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January	-	9.1	8.4	8.8	ins.	ins.																		
February	-	7.4	5.7	6.6	1.554	.530	2nd	10	0	0	0	0	21	0	1	5	16	8	8	8	7	3	6	
March	-	7.4	5.7	6.6	1.745	.590	28th	12	0	1	0	5	13	2	3	3	7	9	6	7	7	4	10	
April	-	5.5	6.0	5.8	1.653	.480	25th	14	0	4	0	7	10	1	3	7	2	0	2	16	10	6	16	
May	-	5.9	4.1	5.0	2.706	.427	25th	18	0	2	3	7	7	1	3	11	3	8	8	9	8	7	3	
June	-	5.6	3.5	4.6	1.358	.482	24th	9	0	1	3	8	5	0	3	16	10	4	5	12	2	2	8	
July	-	7.4	6.7	7.1	3.163	.557	3rd	20	0	2	1	1	11	1	3	4	1	0	8	7	17	13	7	
August	-	6.5	6.5	6.5	3.105	.695	10th	18	0	0	1	2	9	0	1	1	1	1	5	18	17	6	12	
September	-	6.8	5.8	6.3	2.328	.880	31st	17	0	1	1	3	10	2	1	10	6	0	4	8	17	11	5	
October	-	7.1	6.0	6.6	3.208	.733	28th	17	0	4	2	1	8	0	6	15	1	3	6	8	6	6	9	
November	-	7.2	6.7	7.0	5.898	.610	19th	24	0	3	2	2	12	1	7	7	3	8	6	12	9	2	8	
December	-	7.9	8.0	8.0	8.770	1.250	12th	28	0	9	2	0	16	3	6	2	1	2	0	9	18	18	4	
	-	8.5	8.4	8.5	5.926	.725	3rd	27	5	7	1	0	20	1	2	2	2	8	13	11	7	10	7	
Year	-	7.1	6.3	6.7	41.414	—	—	214	5	34	16	36	142	12	39	83	53	51	71	125	125	88	95	

LONDONDERRY.

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

		Thermometers, 1882-1883																																																					
		ins.			6th			16			1			2			0			1			16			1			0			1			3			2			18			24			9			0			5		
		3° 04°			° 46°			26th			21			1			3			0			0			18			0			2			0			5			12			23			5			1			8		
January -		8.4	7.1	7.8	ins.	ins.	6th	16	1	2	0	1	16	1	0	1	3	2	18	24	9	0	5																																
February -		8.5	7.7	8.1	3° 55°	° 54°	26th	21	1	3	0	0	18	0	0	2	0	5	12	23	5	1	8																																
March -		8.1	7.4	7.8	4° 05°	° 51°	24th	25	2	8	0	2	17	0	2	4	1	2	16	17	9	7	4																																
April -		7.3	6.5	6.9	2° 60°	° 31°	23rd	21	2	1	0	4	16	1	8	16	6	2	8	9	1	5	5																																
May -		5.3	3.9	4.6	2° 51°	° 39°	7th	18	0	2	1	9	7	0	6	11	6	4	12	11	1	3	8																																
June -		7.9	6.4	7.2	4° 14°	1° 16°	13th	22	0	1	0	3	13	0	4	3	3	6	9	11	4	14	6																																
July -		8.7	8.4	8.6	6° 58°	° 86°	{ 13th 31st }	31	0	1	2	0	21	0	3	4	1	1	22	17	3	6	5																																
August -		8.2	8.0	8.1	3° 26°	° 55°	12th	20	0	0	1	2	19	0	3	1	0	0	10	15	5	16	12																																
September -		7.7	5.7	6.7	4° 10°	1° 39°	26th	22	0	0	0	2	13	0	4	2	2	2	7	25	4	8	6																																
October -		7.7	5.8	6.8	2° 72°	° 48°	11th	19	0	0	0	2	11	1	3	6	2	8	17	15	4	3	4																																
November -		7.8	6.2	7.0	7° 88°	1° 00°	21st	27	4	3	1	3	13	0	2	2	1	8	17	17	6	5	2																																
December -		8.5	5.8	7.2	4° 47°	° 74°	25th	22	3	3	0	2	15	0	9	5	1	6	12	15	4	3	7																																
Year		7.8	6.6	7.2	48° 90°	—	—	264	13	24	5	30	179	3	44	57	26	46	160	199	55	71	72																																

MARKREE CASTLE, SLIGO

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

1882.	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°168	42°3	43°6	43°0	38°2	48°9	28°3	{ 29th 30th }	55°4	14th	°246	°260	°253	89°4	90°5	90°0
February	30°053	44°4	43°9	44°2	39°5	50°1	33°1	15th	55°4	25th	°265	°258	°262	89°5	89°4	89°5
March	29°889	46°4	43°7	45°1	38°1	51°7	30°3	31st	58°4	{ 16th 28th }	°265	°257	°261	83°3	89°5	86°4
April	°723	47°3	44°7	46°0	37°8	54°1	25°4	16th	62°1	21st	°259	°252	°256	79°2	84°5	81°9
May	°975	53°9	48°5	51°2	39°9	60°1	30°6	5th	70°2	18th	°307	°280	°294	74°3	82°0	78°2
June	°846	55°9	51°8	53°9	45°9	61°8	33°0	16th	72°4	30th	°346	°337	°342	77°6	87°0	82°3
July	°700	58°5	54°8	56°7	49°7	64°1	40°1	26th	67°4	27th	°393	°384	°389	80°3	88°9	84°6
August	°887	57°7	54°9	56°3	49°9	64°0	40°8	17th	79°7	10th	°402	°388	°395	84°1	89°3	86°7
September	°852	53°5	49°0	51°3	42°9	59°6	32°1	26th	69°9	1st	°345	°315	°330	83°7	90°0	86°9
October	°768	48°5	46°0	47°3	40°2	55°7	27°3	29th	61°2	1st	°302	°286	°294	87°5	90°1	88°8
November	°636	41°4	40°8	41°1	35°4	48°0	21°1	14th	56°6	5th	°238	°227	°233	88°6	87°6	88°1
December	29°616	36°0	36°0	36°0	30°0	42°3	12°5	11th	54°2	27th	°200	°202	°201	89°2	90°7	90°0
Year	29°843	48°8	46°5	47°7	40°6	55°0	—	—	—	—	°297	°287	°292	83°9	88°3	86°1

GLASNEVIN (BOTANIC GARDENS)

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

Height above Mean Sea Level, 64 feet.																	
	ins.											in.	in.	in.	%	%	%
January -	30.242	43.1	43.7	43.4	37.9	48.8	30.0	{ 18th	58.6	14th	247	257	252	88.0	89.4	88.7	
February -	30.115	45.6	44.9	45.3	39.4	50.6	28.2	{ 19th	59.2	25th	271	269	270	88.1	90.0	89.1	
March -	29.930	46.6	44.6	45.6	38.5	52.9	30.0	{ 3rd									
								{ 12th	61.2	7th	275	268	272	85.8	89.8	87.8	
April -	29.741	47.6	44.8	46.2	38.6	53.1	26.6	{ 21st									
May -	30.003	54.6	49.4	52.0	42.0	60.0	31.0	{ 22nd	62.6	20th	275	269	272	82.9	90.1	86.5	
June -	29.866	56.4	53.2	54.8	46.9	61.6	35.0	{ 16th	66.9	11th	329	318	324	76.5	89.5	83.0	
July -	753	60.1	56.8	58.5	51.3	65.6	43.2	17th	71.3	30th	362	358	360	79.2	87.7	83.5	
August -	907	58.5	56.0	57.3	50.5	65.1	45.6	16th	70.3	{ 1st	414	408	411	80.2	88.1	84.2	
										{ 2nd							
September	864	53.9	50.2	52.1	44.0	59.5	34.0	30th	76.2	9th	421	410	416	85.5	90.9	88.2	
October -	797	49.9	48.5	49.2	41.9	56.1	26.6	14th	71.3	1st	361	335	348	86.2	91.4	88.8	
November -	656	42.5	42.9	42.7	36.8	48.5	26.0	26th	67.3	1st	317	305	311	86.5	88.3	87.4	
December	29.629	36.3	37.9	37.1	31.3	42.8	9.6	12th	57.4	5th	243	242	243	87.4	86.7	87.1	
								15th	58.0	27th	209	225	217	92.3	92.8	92.6	
Year -	29.875	49.6	47.7	48.7	41.6	55.4	—	—	—	—	310	305	308	84.9	89.6	87.3	

DUBLIN (PHENIX PARK)

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

Right above Mean Sea Level, 102 feet.																
		Air Temperature.							Tension of Vapour.			Relative Humidity.			Winds.	
		Means of							Absolute Min. and Max.			9 a.m. 9 p.m. Mean.			9 a.m. 9 p.m. Mean.	
		21st 22nd 23rd							19th 20th 21st			24th 25th 26th			27th 28th 29th	
		19th 20th 21st							24th 25th 26th			27th 28th 29th			30th 31st	
		19th 20th 21st							24th 25th 26th			27th 28th 29th			30th 31st	
		19th 20th 21st							24th 25th 26th			27th 28th 29th			30th 31st	
		19th 20th 21st							24th 25th 26th			27th 28th 29th			30th 31st	
		19th 20th 21st							24th 25th 26th			27th 28th 29th			30th 31st	
		19th 20th 21st							24th 25th 26th			27th 28th 29th			30th 31st	
		19th 20th 21st							24th 25th 26th			27th 28th 29th			30th 31st	
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		19th 20th 21st							24th 25th 26th							

MARKREE CASTLE, SLIGO.

Thermometers, 4 feet above ground. Rain-gauge, 16 feet 6 inches above ground.

1882.	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	8.8	8.5	8.7	ins. 1.554	ins. 3.45	27th	16	1	0	0	1	21	0	0	0	2	15	8	9	6	4	18
February	8.6	8.9	8.8	2.296	5.42	28th	16	1	3	0	0	21	1	1	0	3	8	10	4	7	7	16
March	8.4	7.9	8.2	4.228	12.96	1st	25	1	3	0	1	20	0	4	1	0	1	6	13	7	9	21
April	7.5	7.0	7.3	2.040	4.74	22nd	21	0	4	0	4	16	0	3	5	5	10	1	6	1	4	25
May	6.7	5.7	6.2	1.838	3.08	2nd	16	0	3	2	5	12	0	0	1	5	3	6	5	2	2	38
June	8.9	8.1	8.5	3.896	4.21	6th	27	0	1	4	0	19	0	6	0	1	9	8	1	4	10	21
July	9.3	8.7	9.0	3.019	3.74	20th	28	0	1	2	0	24	0	1	0	0	3	11	6	2	4	35
August	9.3	8.5	8.9	3.392	8.34	22nd	22	0	0	1	1	24	0	3	1	0	4	2	3	4	16	29
September	8.5	7.3	7.9	2.642	4.86	17th	21	0	1	0	0	15	0	1	2	0	4	4	2	3	12	32
October	8.0	5.7	6.9	2.705	4.59	20th	17	0	0	0	3	15	2	1	2	0	18	5	0	1	1	34
November	8.5	7.5	8.0	4.992	4.41	1st	25	1	8	1	1	17	0	3	1	0	7	3	7	8	14	17
December	8.1	6.8	7.5	1.597	3.44	20th	21	1	4	0	4	16	0	4	1	2	13	4	5	3	5	25
Year	8.4	7.6	8.0	34.199	—	—	255	5	28	10	20	220	3	27	14	18	95	68	61	48	88	311

GLASNEVIN (BOTANIC GARDENS).

Thermometers, 3 feet 6 inches above ground. Rain-gauge, 1 foot above ground.

Thermometers, 5 feet 5 inches from ground.																							
	ins.			ins.																			
January -	-	6.6	5.6	6.1	1.250	.280	30th	14	2	0	0	2	11	0	0	3	1	6	2	16	9	3	22
February -	-	7.2	7.8	7.5	1.850	.760	28th	11	2	0	0	0	14	0	1	1	0	4	4	12	10	2	22
March -	-	6.2	5.5	5.9	2.410	.680	25th	15	3	5	0	2	9	0	3	3	0	0	1	6	13	22	14
April -	-	6.3	5.3	5.8	3.390	.900	14th	15	3	0	0	4	7	0	6	10	6	2	1	3	5	9	18
May -	-	4.7	4.9	4.8	1.480	.420	23rd	13	2	0	1	5	3	0	3	2	6	8	1	6	8	6	22
June -	-	6.8	6.4	6.6	2.080	.360	22nd	21	1	2	3	1	6	0	5	1	3	5	2	3	2	25	14
July -	-	7.0	6.7	6.9	3.750	.420	20th	26	0	0	6	0	11	0	2	0	0	1	0	9	9	23	18
August -	-	7.3	6.8	7.1	2.050	.810	31st	10	0	0	1	0	9	0	3	2	1	1	1	1	7	30	16
September	-	5.6	5.7	5.7	2.600	.810	24th	14	0	1	0	5	8	0	5	4	1	1	0	2	3	19	25
October -	-	5.2	4.9	5.1	3.050	.710	26th	19	0	1	2	2	3	1	2	13	1	6	1	4	6	18	11
November	-	5.7	4.8	5.3	3.630	.360	{ 3rd 15th }	25	6	1	0	0	3	0	2	3	1	0	2	8	9	26	9
December	-	6.5	5.7	6.1	4.020	.660	25th	19	6	3	0	4	10	0	3	7	1	6	1	7	4	15	18
Year	-	6.3	5.8	6.1	31.560	—	—	202	25	13	13	25	94	1	35	49	21	40	16	77	85	198	209

DUBLIN (City)

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

1882.	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° 242	43° 6	44° 5	44° 1	40° 4	49° 0	34° 1	1st	56° 5	14th	in. 242	in. 251	in. 247	% 85° 0	% 84° 8	% 84° 9	
February - -	30° 117	46° 0	45° 8	45° 9	41° 9	50° 4	34° 1	3rd	57° 9	25th	264	261	263	84° 3	84° 2	84° 3	
March - -	29° 935	46° 9	46° 0	46° 5	41° 2	52° 7	31° 9	<div>21st 22nd</div>	60° 6	7th	254	255	255	78° 4	81° 2	79° 8	
April - -	29° 744	47° 6	46° 2	46° 9	41° 4	52° 7	31° 2	16th	61° 7	20th	256	264	260	77° 2	83° 8	80° 5	
May - -	30° 012	55° 2	52° 0	53° 6	46° 3	60° 1	38° 0	17th	66° 7	11th	301	314	308	68° 7	80° 3	74° 5	
June - -	29° 873	56° 8	54° 7	55° 8	49° 7	61° 8	40° 4	13th	68° 5	30th	343	346	345	74° 0	80° 3	77° 2	
July - -	755	60° 1	57° 9	59° 0	53° 9	65° 1	47° 9	26th	70° 0	3rd	384	402	393	74° 1	83° 1	78° 6	
August - -	914	58° 5	57° 9	58° 2	53° 6	64° 7	47° 9	23rd	71° 4	1st	406	412	409	82° 4	85° 4	83° 9	
September -	872	53° 0	52° 3	52° 7	47° 7	58° 3	39° 0	14th	69° 6	1st	352	346	349	86° 7	87° 4	87° 1	
October - -	806	49° 9	49° 7	49° 8	45° 4	54° 8	32° 2	26th	65° 4	1st	318	312	315	87° 0	86° 7	86° 9	
November -	664	43° 1	43° 0	43° 1	38° 9	48° 2	29° 9	12th	58° 5	5th	242	239	241	84° 9	85° 0	85° 0	
December -	29° 641	37° 0	38° 3	37° 7	33° 8	42° 5	13° 3	<div>14th 15th</div>	56° 5	27th	210	223	217	90° 9	91° 4	91° 2	
Year -	29° 881	49° 8	49° 0	49° 4	44° 5	55° 0	—	—	—	—	298	302	300	81° 1	84° 5	82° 8	

PARSONSTOWN (BIRR CASTLE)

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

January	ins. 30.235	42.0	42.6	42.3	38.0	49.0	30.4	18th	54.0	14th	in. 238	in. 246	in. 242	87.3	88.6	88.0
February	30.111	44.7	44.0	44.4	40.0	50.5	31.9	19th	57.0	25th	263	255	259	87.6	87.6	87.6
March	29.960	46.0	44.3	45.2	38.8	52.4	31.1	21st	60.8	7th	262	256	259	83.6	86.8	85.2
April	736	47.6	44.8	46.2	39.9	54.6	28.7	16th	61.5	9th	263	260	262	79.5	87.4	83.5
May	995	54.6	50.6	52.6	42.5	61.5	33.2	4th	71.0	18th	319	306	313	74.4	82.4	78.4
June	883	56.3	52.8	54.6	46.8	62.4	35.0	17th	74.8	30th	340	338	339	74.7	83.9	79.3
July	756	58.8	55.3	57.1	50.6	64.0	42.1	26th	69.2	3rd	385	388	387	77.7	88.0	82.9
August	933	58.0	56.5	57.3	51.7	65.8	42.8	17th	80.0	10th	403	403	403	83.1	87.5	85.3
September	884	53.0	49.4	51.2	44.4	59.7	33.3	14th	68.0	8th	344	317	331	85.1	89.1	87.1
October	797	48.0	47.1	47.6	41.0	55.5	28.4	29th	64.7	1st	297	296	297	86.8	89.9	88.4
November	700	41.5	40.8	41.2	36.3	48.0	24.7	12th	57.1	5th	234	224	229	86.1	86.8	86.5
December	29.649	36.4	36.3	36.4	30.9	41.8	9.8	13th	55.8	27th	200	208	204	86.3	90.5	88.4
Year	29.887	48.9	47.0	48.0	41.7	55.4	—	—	—	—	296	291	294	82.7	87.4	85.1

KILLARNEY

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

January	ins. 30.247	45.6	45.8	45.7	40.9	51.1	26.7	30th	56.1	15th	in. 273	in. 273	in. 273	87.5	87.5	87.5
February	124	46.3	46.1	46.2	41.1	51.2	29.4	19th	55.9	4th	275	275	275	87.3	87.7	87.5
March	30.011	48.1	45.4	46.8	41.2	52.9	29.8	3rd	58.0	8th	293	282	288	86.8	91.6	89.2
April	29.718	48.1	45.5	46.8	40.0	54.5	29.7	16th	60.0	28th	282	273	278	84.1	89.1	86.6
May	29.985	54.1	49.5	51.8	43.6	60.3	30.9	17th	68.3	9th	319	300	310	76.0	84.2	80.1
June	—	56.6	—	—	47.8	61.4	38.0	17th	69.0	31st	386	—	—	84.5	—	—
July	—	62.9	—	—	—	67.6	—	—	70.5	31st	—	—	—	—	—	—
August	29.960	—	—	—	—	66.7	—	—	79.3	9th	—	—	—	—	—	—
September	903	53.2	50.5	51.9	44.5	59.2	34.8	14th	66.8	9th	361	340	351	88.6	92.2	90.4
October	788	50.1	47.4	48.8	40.3	56.0	29.9	27th	63.8	1st	320	302	311	87.9	91.4	89.7
November	761	44.8	43.9	44.4	38.7	50.4	22.1	14th	57.7	5th	261	253	257	86.3	87.0	86.7
December	29.657	39.0	39.4	39.2	33.1	44.9	11.5	14th	57.8	27th	236	239	238	93.3	93.2	93.3
Year	—	—	—	—	—	56.4	—	—	—	—	—	—	—	—	—	—

DUBLIN (City).

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

1882.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	6.9	5.8	6.4	ins. 1.476	ins. .382	2nd	17	2	2	0	3	13	4	0	2	1	6	15	16	18	1	3	
February -	7.5	7.7	7.6	1.862	.860	28th	16	0	2	0	0	13	4	1	0	1	4	13	7	22	3	5	
March -	6.6	5.3	6.0	2.260	.611	25th	17	3	5	0	3	6	5	2	2	1	1	1	16	30	8	1	
April -	6.3	5.2	5.8	3.526	.803	14th	20	1	3	0	4	6	2	4	5	13	9	4	7	10	6	2	
May -	4.0	4.1	4.1	1.533	.391	23rd	16	0	3	2	9	2	0	3	0	18	7	6	10	9	3	6	
June -	6.8	5.3	6.1	2.384	.386	23rd	25	0	1	2	1	6	1	4	0	7	8	7	8	15	10	1	
July -	7.1	6.6	6.9	3.722	.439	1st	25	0	1	8	0	8	0	3	0	0	1	7	25	19	6	1	
August -	7.1	5.2	6.2	1.872	.563	31st	11	0	0	1	1	8	3	3	0	4	4	5	6	21	15	4	
September -	6.4	6.1	6.3	2.619	.831	24th	15	0	1	1	6	8	1	6	3	0	1	7	9	14	14	6	
October -	6.3	4.7	5.5	2.804	.544	26th	20	0	1	3	3	5	2	3	10	5	6	7	7	17	4	3	
November -	6.3	5.6	6.0	3.344	.408	3rd	24	3	6	0	5	7	6	3	1	2	3	3	6	31	9	2	
December -	6.7	6.1	6.4	3.782	.584	17th	21	4	4	0	4	9	1	4	4	3	9	5	7	19	5	6	
Year	6.5	5.6	6.1	31.184	—	—	227	13	29	17	39	91	29	36	27	55	59	80	124	225	84	40	

PARSONSTOWN (BIRR CASTLE).

Thermometers, 3 feet 6 inches above ground. Rain-gauge, 8 inches above ground.

January	6.5	7.5	7.0	ins. 2.306	ins. 464	27th	18	1	2	0	0	13	0	1	1	2	17	17	11	5	0	8
February	6.3	8.1	7.2	2.414	648	9th	18	1	1	0	0	13	0	0	0	3	13	14	11	6	2	7
March	6.4	7.1	6.8	2.523	614	25th	21	2	1	0	3	13	0	2	0	0	2	16	20	15	4	3
April	7.0	7.0	7.0	3.128	740	27th	16	1	1	0	2	13	0	2	10	10	8	8	4	10	1	7
May	4.8	4.9	4.9	2.749	890	24th	14	0	0	0	5	4	0	2	2	12	8	11	6	6	7	8
June	7.2	7.3	7.3	3.058	338	17th	19	0	0	1	0	14	0	1	0	4	7	7	8	16	5	12
July	8.0	8.2	8.1	4.411	635	17th	25	0	0	1	0	17	0	2	0	0	8	9	17	9	6	11
August	8.7	6.8	7.8	3.378	715	31st	18	0	0	1	1	19	0	2	0	4	3	4	12	14	12	11
September	7.3	5.5	6.4	1.599	450	13th	16	0	1	0	2	11	0	6	1	2	4	7	13	8	7	12
October	7.3	6.0	6.7	3.380	743	18th	15	0	1	0	3	12	1	3	4	1	12	12	5	6	3	16
November	7.6	5.9	6.8	5.323	812	3rd	24	1	4	2	3	12	3	0	2	2	7	6	12	20	5	6
December	8.2	6.4	7.3	3.407	665	24th	17	3	0	0	3	17	0	4	1	0	9	8	10	7	3	20
Year	7.1	6.7	6.9	37.676	—	—	221	9	11	5	22	158	4	25	21	40	98	119	129	122	55	121

KILLARNEY.

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

January	7.4	7.2	7.3	ins.
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PART III.—ANNUAL SUMMARY OF OBSERVATIONS taken at 9 a.m. and 9 p.m.
1882 - - - - -

Stations.				Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.			
Name.	Height above Mean Sea Level.	Long.	Lat.		a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.						a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
								Min.	Max.	Min.	Date.	Max.	Date.								
Sandwich	94	3 18 W.	59 2 N.	29.749	44.8	43.7	44.3	42.3	50.8	25.7	Dec.	8th	68.2	Aug.	13th	.279	.270	.275	85.4	87.3	86.4
Dunrobin Castle	12	3 59 W.	57 57 N.	—	47.6	46.0	46.8	41.0	52.5	19.5	{ Dec. 8th } { Dec. 13th }	78.2	Aug.	11th	.287	.282	.285	84.5	87.8	86.2	
Braemar	1,111	3 24 W.	57 0 N.	29.794	43.6	42.3	43.0	37.2	50.5	-8.3	Dec.	15th	77.4	Aug.	10th	.247	.248	.248	83.9	87.6	85.8
Laudale	14	5 41 W.	56 41 N.	.795	48.5	47.3	47.9	42.6	53.1	23.2	Dec.	9th	74.6	Aug.	10th	.298	.289	.294	85.0	86.5	85.8
Dundee	160	2 56 W.	56 28 N.	.814	47.1	45.1	46.1	40.9	52.8	8.2	Dec.	15th	80.9	Aug.	10th	.278	.273	.276	82.9	87.6	85.3
Rothsay	115	5 4 W.	55 50 N.	.833	48.4	46.6	47.5	41.2	53.4	20.2	Dec.	13th	75.1	Aug.	10th	.310	.300	.305	88.3	91.3	89.8
Pinmore	187	4 59 W.	55 14 N.	.838	48.0	45.7	46.9	40.7	54.2	5.5	Dec.	15th	76.9	Aug.	10th	.295	.281	.288	85.2	88.7	87.0
Scalby (near Carlisle).	111	2 52 W.	54 58 N.	.845	48.3	46.3	47.3	41.0	54.3	15.7	Dec.	12th	75.5	May 18th	.298	.287	.293	84.9	88.3	86.6	
Seaham Harbour	58	1 19 W.	54 50 N.	.846	49.5	46.8	48.2	42.2	53.6	22.5	Dec.	12th	79.7	Aug.	11th	.300	.293	.297	83.5	90.2	86.9
Durham*	336	1 35 W.	54 46 N.	.851	49.6	44.7	47.2	40.4	54.5	14.3	Dec.	11th	78.4	Aug.	11th	.292	.277	.285	80.5	90.7	85.6
Aysgarth	658	1 58 W.	54 18 N.	.871	47.0	44.9	46.0	40.2	52.3	9.2	Dec.	12th	76.0	{ Aug. 10th } { Aug. 11th }	.267	.264	.266	80.8	85.7	83.3	
Scarborough	129	0 23 W.	54 17 N.	.867	49.0	47.8	48.4	44.2	53.5	19.3	Dec.	12th	74.7	Aug.	11th	.291	.292	.292	82.2	85.6	83.9
Douglas, Isle of Man	137	4 29 W.	54 10 N.	.861	49.7	47.4	48.6	43.4	53.6	24.0	Dec.	14th	70.8	Aug.	9th	.322	.309	.316	88.5	92.2	90.4
York (Museum)	51	1 5 W.	53 57 N.	.885	48.3	47.5	47.9	42.0	55.5	16.0	Dec.	12th	75.3	Aug.	6th	.285	.290	.288	82.8	86.4	84.6
Wakefield	96	1 30 W.	53 41 N.	.887	49.1	47.8	48.5	41.9	55.5	12.9	Dec.	12th	74.8	Aug.	12th	.290	.292	.291	81.3	85.0	83.2
Prestwich (Manchester).	294	2 17 W.	53 32 N.	.894	47.6	46.7	47.2	41.6	53.7	16.7	Dec.	12th	72.9	Aug.	12th	.296	.297	.297	87.1	90.1	88.6
Llandudno	88	3 50 W.	53 21 N.	.893	50.5	49.3	49.9	44.9	—	25.5	Dec.	12th	71.2	Oct. 1st	.310	.307	.309	82.6	85.6	84.1	
Buxton	987	1 54 W.	53 14 N.	.927	46.4	43.9	45.2	38.6	52.4	-4.0	Dec.	12th	74.4	Aug.	14th	.278	.269	.274	85.6	90.8	88.2
Cheadle	646	1 57 W.	52 58 N.	.909	46.3	45.8	46.1	40.7	53.3	13.5	Dec.	12th	73.7	Aug.	12th	.279	.278	.279	87.4	88.4	87.9
Hillington (Norfolk)	88	0 33 E.	52 48 N.	.909	49.4	46.5	48.0	41.1	56.1	19.8	Dec.	12th	79.7	Aug.	12th	.307	.298	.303	84.7	91.1	87.9
Leicester	237	1 8 W.	52 39 N.	.909	49.4	48.3	48.9	42.3	56.5	16.4	Dec.	12th	79.0	Aug.	12th	.295	.297	.296	82.0	85.2	83.6
Uppingham	484	0 44 W.	52 35 N.	29.910	48.1	45.9	47.0	41.2	55.0	18.3	Dec.	12th	77.2	Aug.	12th	.295	.289	.292	85.4	90.4	87.9
Oscott	460	1 51 W.	52 33 N.	—	—	—	—	—	55.0	19.4	Dec.	11th	76.4	{ Aug. 7th } { Aug. 13th }	—	—	—	—	—	—	
Churchstoke	538	3 5 W.	52 31 N.	29.922	48.1	46.0	47.1	40.2	54.5	10.7	Dec.	12th	74.9	Aug.	9th	.295	.280	.288	85.0	87.4	86.2
Geldeston (Beccles)	37	1 31 E.	52 28 N.	.915	50.0	47.8	48.9	42.8	56.0	22.4	Dec.	12th	78.5	Aug.	6th	.304	.301	.303	82.3	87.7	85.0
Cheltenham	184	2 3 W.	51 54 N.	.923	49.2	47.7	48.5	41.5	56.0	17.0	Dec.	12th	78.1	Aug.	6th	.298	.299	.299	82.9	87.3	85.1
St. David's, Pembroke.	188	5 16 W.	51 53 N.	.915	50.6	49.4	50.0	46.0	54.3	27.1	Dec.	11th	72.0	Aug.	12th	.321	.317	.319	85.2	87.9	86.6
Cardarthen	188	4 18 W.	51 52 N.	.919	50.6	47.0	49.3	43.1	55.8	19.8	Dec.	11th	77.2	Aug.	9th	.320	.307	.314	84.8	89.6	87.2
Marlborough	471	1 43 W.	51 25 N.	29.950	48.7	46.7	47.7	41.5	55.4	11.8	Dec.	11th	78.7	Aug.	12th	.301	.298	.300	85.4	90.7	88.1
Margate	83	1 24 E.	51 24 N.	—	50.6	—	—	44.7	55.9	24.8	Dec.	11th	77.9	Aug.	and	.314	—	—	83.2	—	—
Strathfield Turgiss	195	1 0 W.	51 20 N.	29.952	50.1	47.7	48.9	41.3	57.9	18.0	Dec.	11th	83.7	Aug.	6th	.308	.301	.305	82.7	88.0	85.4
Southampton	78	1 24 W.	50 55 N.	.957	51.5	49.4	50.5	44.3	57.6	20.3	Dec.	11th	81.4	Aug.	6th	.322	.322	.322	82.7	88.8	85.8
St. Leonards	116	0 33 E.	50 51 N.	.964	50.9	49.7	50.3	45.9	55.5	26.9	Dec.	and	76.4	Aug.	12th	.316	.316	.316	82.8	86.1	84.5
Babbacombe	293	3 31 W.	50 29 N.	.961	51.5	48.5	50.0	44.5	56.6	20.4	Dec.	11th	78.2	Aug.	6th	.317	.308	.313	81.9	87.9	84.9
Totnes	93	3 43 W.	50 27 N.	29.963	51.8	48.8	50.3	43.0	57.9	16.2	Dec.	11th	80.2	Aug.	6th	.320	.318	.319	81.7	89.7	85.7
Helston	184	5 15 W.	50 6 N.	—	51.9	49.9	50.9	46.1	56.3	27.7	Dec.	10th	80.7	Aug.	12th	.338	.330	.334	85.8	89.9	87.9
St. Aubin's (Jersey)	139	2 10 W.	49 12 N.	30.028	53.2	50.7	52.0	47.2	57.0	29.0	Jan.	26th	80.0	Aug.	12th	.334	.328	.331	80.8	86.3	83.6
Londonderry	93	7 19 W.	55 0 N.	29.848	49.5	46.7	48.1	40.7	—	17.0	Dec.	15th	83.5	Aug.	10th	.297	.290	.294	82.1	88.2	85.2
Brookeborough (Colebrook Park).	278	7 22 W.	54 21 N.	.838	46.9	46.4	46.7	40.7	54.1	12.8	{ Dec. 11th } { Dec. 14th }	80.4	Aug.	10th	.291	.293	.292	89.3	91.4	90.3	
Markree Castle (Sligo).	131	8 27 W.	54 11 N.	.843	48.8	46.5	47.7	40.6	55.0	12.5	Dec.	11th	79.7	Aug.	10th	.297	.287	.292	83.9	88.3	86.1
Glasnevin	64	6 16 W.	53 23 N.	.875	49.6	47.7	48.7	41.6	55.4	9.6	Dec.	15th	76.2	Aug.	9th	.310	.305	.308	84.9	89.6	87.3
Dublin (Phoenix Park).	162	6 21 W.	53 22 N.	.881	49.8	47.1	48.5	41.2	55.3	6.8	Dec.	15th	74.1	Aug.	9th	.294	.290	.292	80.2	86.8	83.5
Dublin (City).	51	6 15 W.	53 20 N.	.881	49.8	49.0	49.4	44.5	55.0	13.3	{ Dec. 14th } { Dec. 15th }	71.4	Aug.	1st	.298	.302	.300	81.1	84.5	82.8	
Parsonstown (Birr Castle).	182	7 55 W.	53 6 N.	29.887	48.9	47.0	48.0	41.7	55.4	9.8	Dec.	13th	80.0	Aug.	10th	.296	.291	.294	82.7	87.4	85.1
Killarney	93	9 30 W.	52 4 N.	—	—	—	—	—	56.4	11.5	Dec.	14th	79.3	Aug.	9th	—	—	—	—	—	—

* The observations at Durham were taken at 10 a.m. and 10 p.m. each day.

each Day, Local Time, at BRITISH STATIONS OF THE SECOND ORDER.
1882.

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.		
7.0	6.6	6.8	ins. 38.770	ins. .770	Oct. 19th	237	31	14	8	48	174	85	42	36	72	128	94	110	109	65	74	Sandwich.	
—	—	—	38.510	.900	Dec. 9th	197	19	2	2	—	—	—	48	59	149	68	74	100	149	85	0	Dunrobin Castle.	
6.7	6.4	6.6	40.770	1.100	March 2nd	241	50	1	15	21	100	24	18	87	76	51	21	326	84	67	0	Braemar.	
7.7	6.7	7.2	89.640	2.010	July 3rd	262	75	21	17	35	192	69	24	12	84	53	109	127	97	64	160	Laudale.	
8.1	8.6	8.4	33.600	2.650	April 13th	167	26	10	12	10	241	65	9	67	18	171	6	172	178	109	0	Dundee.	
—	—	—	59.693	1.340	Sept. 1st	246	11	4	12	—	—	—	14	70	74	79	77	123	90	131	72	Rothsay.	
—	—	—	53.550	1.130	Nov. 21st	236	—	—	—	—	—	—	118	20	56	70	173	84	78	130	1	Pinmore.	
7.4	6.2	6.8	38.940	1.000	Aug. 22nd	212	6	6	5	32	151	46	36	48	98	46	45	252	62	21	122	Scalby (near Carlisle).	
6.5	5.7	6.1	30.494	1.310	May 7th	191	22	12	20	40	105	12	37	38	37	30	125	150	100	52	161	Seaham Harbour.	
7.1	6.2	6.7	33.425	1.278	Aug. 22nd	215	21	10	21	37	153	31	36	67	48	33	175	159	92	89	31	Durham.*	
6.8	6.2	6.5	47.040	1.110	Dec. 6th	235	38	9	18	30	122	30	56	55	46	41	42	187	159	51	93	Aysgarth.	
6.3	5.8	6.1	31.760	1.540	April 29th	203	17	20	21	20	98	17	52	64	72	46	65	219	145	63	4	Scarborough.	
7.5	6.3	6.9	51.612	1.270	July 14th	233	12	23	10	15	149	69	33	38	71	68	86	102	123	109	100	Douglas, Isle of Man.	
6.2	5.8	6.0	33.150	.450	Dec. 6th	212	16	1	17	48	110	4	72	37	66	41	186	87	173	61	7	York (Museum).	
—	—	—	33.290	1.540	Jan. 29th	221	5	2	12	—	—	18	56	56	58	61	96	156	188	59	0	Wakefield.	
8.6	7.8	8.2	49.620	1.120	July 8th	225	16	17	28	12	244	20	53	57	61	82	120	95	114	43	105	Prestwich (Manchester).	
7.4	6.5	7.0	32.455	1.140	Dec. 25th	209	8	17	11	34	167	15	39	31	75	45	48	156	270	66	0	Llandudno.	
7.7	6.7	7.2	65.619	1.150	Oct. 24th	216	46	25	14	16	154	0	13	47	71	59	27	157	132	197	27	Buxton.	
7.0	6.2	6.6	45.840	1.150	April 29th	222	23	12	34	37	144	24	48	34	100	67	94	128	116	110	33	Cheadle.	
7.9	6.9	7.4	33.397	1.260	Mar. 25th	209	13	12	28	13	177	7	24	91	42	82	84	248	65	93	1	Hillington (Norfolk).	
7.0	5.8	6.4	36.250	1.280	Oct. 24th	226	8	3	9	39	132	1	19	88	12	63	21	332	46	108	41	Leicester.	
7.4	6.3	6.9	31.788	1.536	July 11th	195	20	5	19	33	170	16	52	59	31	31	101	159	135	83	79	Uppingham.	
—	—	—	36.510	1.740	Oct. 24th	188	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Oscott.	
6.7	6.0	6.4	37.517	.930	Jan. 28th	221	20	10	26	20	100	17	32	57	35	79	43	155	109	146	74	Churchstoke.	
7.0	5.7	6.4	30.700	1.190	Oct. 28th	195	10	15	28	51	141	11	47	41	75	29	92	142	144	47	113	Geldeston (Beccles).	
7.3	6.4	6.9	37.920	1.150	July 11th	214	11	5	15	23	136	14	47	18	24	59	108	183	120	65	106	Cheltenham.	
7.2	6.5	6.9	48.598	1.531	Jan. 28th	236	6	21	8	23	141	23	49	72	70	73	58	191	116	63	38	St. David's, Pembroke.	
7.3	6.1	6.7	62.680	1.400	Jan. 8th	247	5	11	4	35	150	3	59	15	106	28	80	127	109	59	147	Carmarthen.	
7.4	6.2	6.8	43.790	1.250	June 22nd	210	9	8	12	41	165	1	27	13	42	20	64	104	53	40	367	Marlborough.	
7.3	—	—	26.200	.830	Sept. 11th	180	7	6	11	—	—	—	—	—	—	—	—	—	—	—	—	—	Margate.
7.0	5.8	6.4	28.480	1.076	Sept. 19th	176	11	7	11	41	147	0	48	60	34	52	55	209	146	90	36	Strathfield Turgiss.	
7.4	6.0	6.7	34.033	1.705	Oct. 15th	200	4	4	7	40	16	35	35	106	31	67	46	222	77	106	40	Southampton.	
6.6	5.4	6.0	33.528	1.379	Oct. 16th	200	7	3	11	57	125	40	59	58	59	53	72	158	137	97	37	St. Leonards.	
7.1	6.1	6.6	41.230	1.140	Oct. 23rd	214	6	16	5	32	141	43	53	59	73	36	58	178	155	102	16	Babbacombe.	
6.7	5.9	6.3	53.660	1.470	June 5th	235	7	9	1	49	134	26	37	25	39	49	48	161	134	94	143	Totnes.	
7.3	6.4	6.9	49.780	1.160	Oct. 10th	258	7	27	1	15	144	7	102	58	65	50	81	107	123	93	51	Helston.	
7.1	6.3	6.7	41.414	1.250	Nov. 15th	214	5	34	16	36	142	12	39	83	53	51	71	125	125	88	95	St. Aubin's (Jersey).	
7.8	6.6	7.2	48.900	1.390	Sept. 26th	264	13	24	5	30	179	3	44	57	26	46	160	199	55	71	72	Londonderry.	
8.7	7.7	8.2	46.335	1.200	Oct. 18th	232	7	7	17	19	235	50	1	69	22	86	61	160	34	22	275	Brookeborough (Colebrook Park).	
8.4	7.6	8.0	34.199	1.296	March 1st	255	5	28	10	20	220	3	27	14	18	95	68	61	48	88	311	Markree Castle (Sligo).	
6.3	5.8	6.1	31.560	.900	April 14th	202	25	13	13	25	94	1	35	49	21	40	16	77	85	198	209	Glensnevin.	
7.0	5.9	6.5	34.870	.880	{ Feb. 28th } { Sept. 24th }	258	13	13	15	29	113	2	37	11	30	33	49	113	134	30	293	Dublin (Phoenix Park).	
6.5	5.6	6.1	31.184	.860	Feb. 28th	227	13	29	17	39	91	29	36	27	55	59	80	124	225	84	40	Dublin (City).	
7.1	6.7	6.9	37.676	.890	May 24th	221	9	11	5	22	158	4	25	21	40	98	119	129	122	55	121	Parsonstown (Birr Castle).	
—	—	—	56.819	1.690	Jan. 27th	240	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	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.

1882.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		1882.	
	Hours.	%.	Hours.	%.	Hours.	%.	Hours.	%.	Hours.	%.	Hours.	%.	Hours.	%.	Hours.	%.	Hours.	%.	Hours.	%.	Hours.	%.	Hours.	%.		
Sandwich.	-	25	46	48	80	22	134	31	258	49	144	26	175	33	71	13	103	27	78	25	54	24	20	11	Sandwich.	
Durham.	-	57	68	26	127	36	119	29	241	48	193	39	195	39	182	40	104	28	73	23	61	25	22	10	Durham.	
Douglas.	-	34	44	35	112	30	156	37	301	60	216	43	202	40	192	42	137	37	93	29	52	21	41	18	Douglas.	
York.	-	31	43	47	115	31	138	33	273	53	179	36	172	34	180	40	99	27	70	22	51	20	15	7	York.	
Llandudno.	-	*38?	46	16	90	24	138	33	280	59	153	31	164	33	131	29	102	28	63	20	32	12	22	10	Llandudno.	
Buxton.	-	35	44	35	112	30	156	37	253	53	136	27	153	31	116	26	100	27	64	20	48	19	11	5	Buxton.	
Hillington.	-	32	43	38	110	30	142	34	267	56	159	32	221	44	160	35	127	34	71	22	41	16	15	7	Hillington.	
Leicester.	-	25	40	41	88	24	133	32	240	50	151	30	169	34	173	38	98	26	69	21	69	27	15	7	Leicester.	
Churchstoke.	-	41	47	50	132	36	135	32	244	51	155	31	163	33	164	36	118	32	66	20	54	21	20	9	Churchstoke.	
Geldeston.	-	34	44	57	21	173	47	171	41	290	61	188	38	234	47	189	42	140	38	98	30	96	37	16	Geldeston.	
St. David's, Pembroke†	-	35	44	60	22	105	28	174	42	282	59	242	48	207	41	182	40	143	39	95	29	69	27	34	13	St. David's, Pembroke.†
Marlborough.	-	29	41	49	163	44	167	40	256	54	159	32	186	37	176	40	141	38	73	23	87	33	23	10	Marlborough.	
Southampton.	-	23	9	61	22	105	28	204	49	253	53	184	37	214	43	197	45	169	46	89	28	92	35	15	45	Southampton.
St. Leonards.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	St. Leonards.
St. Aubin's, Jersey.	-	41	45	113	44	163	44	213	51	273	57	203	43	220	46	239	55	170	46	114	34	68	25	30	12	St. Aubin's, Jersey.
Markree Castle.	-	43	48	49	168	129	35	137	33	205	53	151	30	124	25	120	26	121	33	113	35	56	22	27	12	Markree Castle.
Dublin‡.	-	56	23	55	20	136	37	150	36	281	59	202	40	152	30	163	36	123	33	101	31	69	27	37	16	Dublin‡.
Parsonstown.	-	48	20	56	21	122	33	149	36	264	55	207	41	143	29	153	34	138	37	102	32	59	23	37	16	Parsonstown.

SELF-RECORDING OBSERVATORIES.

Valencia	-	41	16	51	19	122	33	173	42	264	55	200	40	152	30	174	38	142	38	123	38	70	27	60	26	Valencia.
Armagh	-	44	48	61	23	112	30	158	33	288	58	187	37	130	26	131	29	115	31	88	27	63	25	29	13	Armagh.
Glasgow	-	11	5	37	14	85	24	124	30	212	24	148	28	128	24	159	35	89	24	42	13	18	8	14	7	Glasgow.
Aberdeen	-	64	28	93	35	138	39	112	27	247	49	193	37	220	42	167	37	102	28	85	27	51	22	20	10	Aberdeen.
Falmouth	-	29	41	85	31	156	42	184	44	256	54	212	45	234	49	192	44	139	38	109	34	77	29	40	16	Falmouth.
Stonyhurst	-	20	8	30	11	79	21	133	32	257	51	166	33	159	32	161	35	100	27	65	20	54	22	15	7	Stonyhurst.
Kew	-	32	12	43	16	155	42	166	40	259	54	142	29	203	41	147	33	125	33	79	24	75	28	24	10	Kew.

* Doubtful, instrument being out of proper adjustment during part of the month.

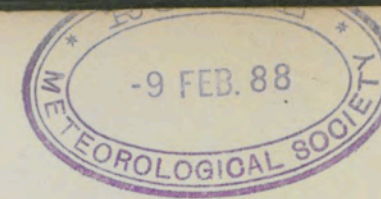
† The values for St. David's, Pembroke, are those obtained from the Sunshine Recorder at St. Ann's Head, the Telegraphic Reporting Station.

‡ At Dublin the Sunshine Recorder is at the Ordnance Survey Office in the Phoenix Park.

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METEOROLOGICAL OBSERVATIONS

AT

STATIONS OF THE SECOND ORDER

For the Year 1883.

STATIONS OF THE SECOND ORDER, 1883.

Page 3. List of observers:—Markree Castle; for "A. North" read "A. Marth."

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