

Planned
written
passed by 2/5/85
W. J. M.

S. S. O. 1880.

Printers Errors.

p. 6 Generalmond Wind:-

15th. 9 p.m.

16th. 9 p.m.

20th. 9 a.m.

21st. 9 p.m.

22nd. 9 a.m.

31st. 9 p.m.

Wind-force should
be in ordinary
type -

p. 46 ~~St~~ Marlborough: Remarks

13th. 'mist' badly printed.

p. 53 Landale Remarks:

20th. no stop req. after "much snow"

p. 157 Duxton. Remarks

18th. stop omitted

~~St~~ Hillington Remarks

10th. stop. omitted.

p. 200 3rd. par. Near Needles bracket omitted

& misplaced.

p. 207 Heading Amount of Cloud:-

* should be omitted

209 Heading "Thunderstorms" is should be omitted.

210 Hull. "58.9" Erratum not req. ^{now} ~~had~~
for printers have altered it without
being instructed as to do.

Official, No. 57.

METEOROLOGICAL OBSERVATIONS

AT

STATIONS OF THE SECOND ORDER

For the Year 1880.

Published by Direction of the Meteorological Council.



LONDON:
PRINTED FOR HER MAJESTY'S STATIONERY OFFICE,
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J. D. POTTER, 31 POULTRY; AND EDWARD STANFORD, 55 CHARING CROSS,
1885.

Price Thirty-four Shillings and Sixpence.

RE 7485.

ERRATA.

- Page 7. Durham, Remarks :—16th. Insert “*.”
- „ 23. Durham Barometer :—17th, 10 a.m. For “29·898,” read “28·886.”
Mean. For “29·694” read “29·659.”
- „ 44. Churchstoke, Remarks :—1st. Insert “*p.”
- „ 107. Llandudno, Remarks :—16th and 19th. Insert “R.”
- „ 140. Buxton, Remarks :—20th. Insert “▲.”
- „ 154. Durham, Remarks :—22nd. Omit “*.”
- „ 197. Babbacombe, Remarks :—20th. Omit “force 5.”
- „ 210. Hull, November, Absolute Max. temperature :—For “5·89,” read “58·9,”

ADDITIONAL ERRATUM FOR 1879.

- Page 171. Hull, November, Absolute Min. temperature :—For “25·0,” read “25·0.”

OBSERVATIONS

AT

STATIONS OF THE SECOND ORDER, 1880.

THE changes in the stations and observers, as compared with the list for 1879, are as follow :—

Audley End (Saffron Walden), observer Mr. J. Bryan; and Hastings, observer Alex. E. Murray, Esq., F.R.Met.Soc., disappear owing to various reasons, and their places are supplied by Geldeston, near Beccles, observer E. T. Dowson, Esq., F.R.Met.Soc., and St. Leonards, observer H. Colborne, Esq., M.R.C.S., F.R.Met.Soc.

Five stations belonging to the Scottish Meteorological Society appear in the list for the first time. These are Braemar, a station established by H.R.H. the late Prince Consort; Dundee; Dunrobin Castle, the seat of the Duke of Sutherland; Pinmore in Ayrshire; and Rothesay in the Isle of Bute. The Pinmore observations did not, however, begin till May. These returns are published here under an arrangement with the Scottish Meteorological Society, similar to that which exists with the Royal Meteorological Society, and which will be found fully detailed in the Report of the Meteorological Committee for 1874.

Scaleby, near Carlisle, observer R. A. Allison, Esq., F.R.Met.Soc., also appears in the list for the first time.

With regard to the new stations, it must be observed that since the observations at the Scottish Meteorological Society's stations were taken, originally, with a view to publication as monthly sums and means only, and not *in extenso*, the same amount of minuteness was not in every case insisted upon as with the other stations. Thus, at Dundee the barometer was only read to hundredths of an inch, and the thermometers to the nearest whole degree, while at Dunrobin, Pinmore, and Rothesay 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.

With regard to Hastings and St. Leonards, it must be remarked that although the distance between the stations is not great, and the difference in height only 56 feet, the latter is much more a town station than the former was.

As in previous years, the symbols adopted by the Vienna Congress are used in the "Remarks" column. They are as follow:—

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

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

- a. indicates a.m.
 p. " p.m.
 9a.—9p. " 9 a.m. to 9 p.m., and further
 n. is used to indicate night.

The 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° Faht. at 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 set at 9 p.m., (at Durham at 10 p.m., and at Laudale, the minimum at 9 a.m.,) 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.	

At Durham, however, the wind force is obtained by an anemometer, the indications of which are converted into their equivalents in the Beaufort scale by the table given at page 58 in the "Instructions."

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

* "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."

Rainfall is measured at 9 a.m. each morning (at Durham at 10 a.m.,) and the amount registered entered to the *previous* day.

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; they have been used for obtaining the means for the months.

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, Esq.
Laudale, Argyleshire - - - -	Mr. A. Fletcher (for T. H. G. Newton, M.A., F.R.Met.Soc.)
†Dundee - - - -	W. Ross M'Kelvie, Esq.
Glenalmond, Perthshire - - - -	Rev. W. Percy Robinson, D.D., F.R.Met.Soc.
†Rothesay, Isle of Bute - - - -	James Kay, Esq.
†Pinnmore, Ayrshire - - - -	Peter Donald, Esq.
*Scaleby (near Carlisle) - - - -	R. A. Allison, F.R.Met.Soc.
Durham - - - -	G. A. Goldney, Esq.
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.
*Kelstern, Lincolnshire - - - -	D. G. Briggs, F.R.Met.Soc.
*Llandudno - - - -	J. Nicol, M.D., F.R.Met.Soc.
*Buxton - - - -	E. J. Sykes, 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.
Oscott, Warwickshire - - - -	Rev. S. J. Whitty, B.A.
*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.
*Strathfield Turgiss, Hants - - - -	Rev. C. H. Griffith, B.D., F.R.Met.Soc.
*Ramsgate - - - -	Rev. E. T. Egan, O.S.B.
Southampton (Ordnance Survey Office) - - - -	Mr. J. Cook (for Director General of Survey).
St. Leonards - - - -	H. Colborne, M.R.C.S., F.R.Met.Soc.
*Dartmoor, Princetown - - - -	Mr. W. H. Tooker.
*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) - - - -	W. Harding (for the Earl of Rosse, F.R.S.)

The stations in the above list marked with an "*" are in connexion with the Royal Meteorological Society, and those marked 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.

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

JANUARY 1880.

JANUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	°	in.	in.	%	%	SW	9	SW	9	10	10	ins.	☉ ✱ ga. and gp. ☉ ✱ ga. and gp. R. ☉ ✱ ga. ☉ ga. ☉ ga. and gp. ☉ ga. ☉ gp. ☉ ga. ☉ gp. ☉ ga.
2	29°339	29°322	—	—	37°8	—	—	—	—	—	SW	9	SW	9	9	5	°620	
3	29°535	29°684	—	—	36°5	—	—	—	—	—	SW	3	SW	5	6	7	°280	
4	30°114	30°036	—	—	39°0	—	—	—	—	—	Calm	0	S	2	8	7	°110	
5	*205	*185	—	—	39°0	—	—	—	—	—	SSW	2	SSW	5	8	10	°090	
6	*158	*133	—	—	37°3	—	—	—	—	—	Calm	0	SSW	4	10	10	°060	
7	*309	*302	—	—	43°5	—	—	—	—	—	S	5	S	4	10	9	—	
8	*524	*537	—	—	—	—	—	—	—	—	S	2	S	3	10	10	—	
9	*526	*448	—	—	—	—	—	—	—	—	S	5	S	7	10	10	—	
10	*357	*340	—	—	—	—	—	—	—	—	S	3	S	2	10	10	—	
11	*446	*491	—	—	—	—	—	—	—	—	S	2	E	1	10	10	—	
12	*589	*589	—	—	—	—	—	—	—	—	S	2	E	1	10	10	—	
13	*602	*583	—	—	25°0	—	—	—	—	—	Calm	0	E	1	0	4	—	
14	*564	*508	—	—	31°0	—	—	—	—	—	Calm	0	Calm	0	10	0	—	
15	*418	*418	—	—	30°0	—	—	—	—	—	Calm	0	SW	1	0	0	—	
16	*217	*110	—	—	—	—	—	—	—	—	SSW	3	SSW	2	7	10	°350	
17	29°944	*255	—	—	—	—	—	—	—	—	SE	4	E	1	10	0	—	
18	30°185	*036	—	—	—	—	—	—	—	—	SE	2	SE	4	0	7	—	
19	*015	*219	—	—	—	—	—	—	—	—	SE	1	SE	2	0	4	—	
20	*430	*581	—	—	27°2	—	—	—	—	—	E	1	E	2	0	0	—	
21	*585	*581	—	—	25°0	—	—	—	—	—	E	1	Calm	0	0	0	—	
22	*633	*554	—	30°5	26°0	41°9	—	*155	—	91	Calm	0	SSE	1	10	5	—	
23	*487	*427	35°4	31°2	29°8	41°3	*192	*146	92	83	Calm	0	Calm	0	9	8	—	
24	*485	*407	36°9	33°8	31°0	41°5	*201	*178	92	91	Calm	0	SSE	1	10	10	°130	
25	30°375	*055	36°0	37°9	33°8	38°6	*189	*219	89	97	SSE	3	SSE	4	7	10	°040	
26	29°955	*105	37°0	38°9	34°4	38°9	*184	*219	84	93	SSE	4	SSE	5	10	10	°050	
27	30°125	30°038	40°0	40°8	36°1	41°5	*226	*229	92	91	SSE	6	SSE	6	10	10	°300	
28	30°013	29°054	42°6	41°2	37°8	42°6	*264	*233	97	91	SSW	8	SSW	6	10	10	1°690	
29	29°871	*719	47°0	47°6	40°0	49°9	*303	*320	94	97	SSW	8	SSW	9	10	10	1°280	
30	*768	*684	46°2	41°1	43°2	47°9	*297	*256	96	99	SSW	6	SSW	4	10	10	2°740	
31	*578	*875	49°5	47°6	41°1	50°0	*329	*295	94	90	SSW	7	S	4	10	7	°210	
31	29°062	29°057	47°0	50°0	43°0	50°9	*298	*286	93	80	SSW	6	SSW	4	10	8	*070	
Means	30°204	30°201	—	—	—	—	—	—	—	—	3°2	3°5	7°5	7°1	9°020	—	—	

DUNDEE.

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

JANUARY 1880.

1	29°338	29°336	40°4	54°4	33°2	54°4	*327	*366	93	87	W	2	W	10	10	10	°050	● n. (gale) from 5p.
2	29°590	29°595	39°4	40°4	34°2	54°4	*188	*232	98	93	W	10	SW	10	10	10	°450	☂ (gale) n. and day, with ☂ ✱ showers
3	30°102	30°140	41°4	42°4	39°3	43°8	*203	*212	79	79	W	4	W	1	10	10	—	
4	*171	*231	42°4	42°4	42°3	43°8	*252	*252	93	93	W	1	Calm	0	10	10	—	
5	*241	*263	44°4	44°4	45°4	47°7	*272	*260	93	87	W	1	W	1	10	10	—	
6	*346	*502	46°4	43°4	43°3	47°7	*294	*262	94	93	W	1	W	1	10	10	—	
7	*573	*583	45°4	41°4	41°3	46°7	*283	*242	94	93	W	2	W	1	10	10	—	☂ from 2p.
8	*562	*501	37°4	40°4	36°2	41°8	*208	*213	93	85	W	1	W	1	5	10	—	☂ 3p.
9	*437	*414	36°5	36°5	36°5	40°8	*199	*199	92	92	SW	2	SW	2	10	10	—	Dull with ☂.
10	*480	*532	38°4	33°5	31°2	41°8	*214	*174	95	91	SW	1	NW	1	10	0	—	
11	*618	*598	34°5	35°5	29°2	36°9	*182	*191	91	92	SW	1	SW	1	10	10	—	
12	*624	*625	33°5	30°5	30°2	36°9	*154	*125	81	73	SW	1	W	1	10	10	—	
13	*581	*427	26°5	25°5	25°2	30°5	*144	*109	100	80	NE	1	NW	1	10	0	—	
14	*395	*383	33°5	31°5	25°2	35°9	*154	*135	81	76	NE	1	N	1	10	7	—	
15	30°234	*069	33°5	35°5	30°2	35°9	*154	*172	81	83	W	1	W	1	10	0	°150	✱ 0 ⁰ 9a.—10. 30a.
16	30°959	30°117	34°5	33°5	31°2	37°9	*182	*136	91	71	E	8	NE	2	10	7	°050	✱ ● (sleet) n. and till 11a.
17	30°949	29°875	32°5	33°5	30°2	35°9	*126	*154	68	81	NW	2	W	2	10	10	°050	✱ 0 during day.
18	*032	30°285	34°5	32°5	29°2	35°9	*182	*166	91	90	NE	1	NE	1	5	7	—	✱ ● showers n. and till 4p.
19	*377	*559	23°5	26°5	22°2	33°9	*126	*089	100	62	NW	1	NW	1	10	0	—	
20	*533	*565	28°5	28°5	25°2	35°9	*105	*157	68	100	W	1	W	1	7	0	—	
21	*625	*472	27°5	35°5	24°2	35°9	*123	*155	83	74	W	1	NW	4	0	10	—	
22	*445	*456	35°5	32°5	31°2	40°8	*172	*160	83	90	NW	1	NW	1	10	0	—	Fine.
23	*447	*408	31°5	34°5	29°2	36°9	*178	*182	100	91	NW	1	W	1	10	0	—	
24	*355	*151	32°5	33°5	29°2	36°9	*166	*154	90	81	NW	1	NW	1	10	10	—	
25	*092	*166	31°5	32°5	31°2	33°9	*157	*166	88	90	SW	1	W	2	10	10	—	
26	*207	*131	32°5	33°5	30°2	35°9	*145	*174	78	91	W	1	SW	2	10	10	—	
27	30°100	30°043	36°5	38°4	33°2	38°8	*181	*214	84	93	SW	2	SW	8	10	10	—	
28	30°979	29°806	39°4	39°4	38°4	43°8	*224	*205	95	85	SW	6	SW	10	10	10	—	Dull. ☂ from 10a. ☂ ² (gale) [from 6p.
29	*856	*840	41°4	40°4	39°4	42°8	*242	*232	93	93	SW	1	SW	2	10	10	°150	
30	30°729	29°945	43°4	44°4	40°3	45°7	*241	*272	85	93	SW	8	W	2	10	10	—	
31	30°035	30°048	44°4	44°4	43°3	45°7	*250	*250	86	86	SW	1	SW	6	10	10	—	
Means	30°231	30°236	36°5	36°8	33°1	40°5	*194	*194	87°6	86°1		2°2		2°5	9°3	7°5	0°900	

Day	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	51°	35°	52°	in.	in.	%	%	WSW 3	SW 5	10	10	ins.	Rough and squally.
2	29° 363	29° 353	38°	40°	32°	51°	°342	°357	95	95	WSW 5	SW 6	10	10	°344	
3	29° 588	29° 599	38°	40°	32°	51°	°175	°220	76	89	WSW 3	W 4	3	9	°050	Bright a.
4	30° 100	30° 151	41°	42°	39°	43°	°182	°239	70	89	WSW 2	Cal'm 0	9	10	°088	~~~~ 9p.
5	°198	°235	41°	41°	39°	43°	°253	°262	98	100	S 1	SW 3	10	10	°050	~~~~ ga. and before.
6	°224	°246	45°	46°	40°	46°	°207	°305	99	97	W 1	E 1	10	10	°040	
7	°340	°401	45°	44°	43°	47°	°295	°277	98	96	SW 1	SW 1	10	7	—	
8	°574	°552	44°	41°	39°	46°	°277	°251	96	96	W 2	SW 1	6	10	—	
9	°562	°505	41°	38°	37°	45°	°235	°204	92	88	SW 2	S 1	10	10	—	
10	°438	°433	36°	36°	35°	39°	°188	°193	87	91	SW 1	SW 1	8	5	—	
11	°487	°590	40°	32°	32°	40°	°226	°182	92	100	W 1	W 1	7	10	—	
12	°670	°664	32°	32°	29°	34°	°168	°157	91	87	NE 2	SE 1	10	10	—	
13	°606	°645	31°	27°	26°	33°	°148	°114	85	79	WSW 1	Cal'm 0	2	0	—	
14	°587	°454	19°	28°	18°	34°	°088	°082	84	54	NNW 1	W 1	3	5	—	* a. and p.
15	°429	°411	32°	34°	24°	37°	°138	°144	75	73	Cal'm 0	NW 1	10	2	—	* a.
16	30° 257	°122	33°	36°	30°	39°	°167	°154	97	81	ENE 1	NE 1	10	2	°040	Very mild day.
17	29° 958	30° 201	32°	33°	31°	37°	°177	°157	75	67	SSW 1	SW 1	10	5	—	* p.
18	30° 140	29° 892	33°	39°	28°	39°	°142	°157	75	67	NW 2	SW 1	2	2	—	
19	°040	30° 286	33°	30°	28°	39°	°156	°132	80	76	Cal'm 0	Cal'm 0	10	0	—	
20	°543	°574	20°	24°	18°	31°	°076	°071	71	54	Cal'm 0	Cal'm 0	2	0	—	
21	°540	°599	31°	27°	19°	41°	°136	°124	76	85	NW 1	Cal'm 0	2	0	—	
22	°648	°524	20°	35°	20°	39°	°090	°120	82	58	SSW 1	NW 2	8	4	—	
23	°461	°468	37°	32°	28°	43°	°170	°175	77	96	N 1	Cal'm 0	3	0	—	
24	°469	°452	33°	32°	24°	43°	°163	°159	87	86	WSW 1	Cal'm 0	8	2	—	
25	°373	°182	38°	24°	24°	38°	°152	°174	96	95	Cal'm 0	Cal'm 0	2	10	—	~~~~ ga. * 9p.
26	°107	°178	31°	32°	30°	32°	°135	°126	77	69	Cal'm 0	W 2	10	10	—	~~~~ ga.
27	°214	°156	33°	35°	26°	35°	°165	°175	88	85	Cal'm 0	W 3	10	10	°050	~~~~ ga. Clouds very low p.
28	30° 122	30° 062	36°	38°	34°	39°	°190	°217	87	94	SW 4	Cal'm 0	10	10	°051	
29	29° 986	29° 843	41°	42°	38°	43°	°234	°212	89	80	SW 4	SW 4	10	10	°025	
30	°862	°851	41°	40°	37°	42°	°248	°241	94	96	Cal'm 0	Cal'm 0	10	10	°723	
31	29° 646	29° 948	42°	43°	40°	46°	°246	°263	89	92	S 2	SW 1	10	7	°260	
31	30° 037	30° 052	42°	44°	41°	46°	°240	°253	88	85	SW 1	SW 1	10	10	—	
Means	30° 244	30° 249	35° 8	36° 6	31° 3	41° 1	°190	°190	86° 5	84° 1	1° 5	1° 4	7° 8	6° 8	2° 493	

ROTHESAY.

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

JANUARY 1880.

1	29°46'	29°40'	53°5'	53°0'	46°1'	55°0'	346	352	84	87	SW	W	—	—	380
2	29°06'	29°51'	40°1'	45°1'	37°2'	53°9'	190	242	76	81	W	W	—	—	265
3	30°176	30°173	44°1'	45°3'	40°1'	46°5'	254	254	87	84	W	SW	—	—	100
4	227	228	44°6'	46°1'	43°6'	46°6'	273	313	93	100	SW	SW	—	—	254
5	234	258	47°0'	46°7'	44°6'	47°9'	311	312	97	98	S	SW	—	—	100
6	365	495	46°1'	46°6'	44°6'	47°9'	313	308	100	97	SSW	SSW	—	—	254
7	587	608	45°1'	44°7'	42°1'	49°9'	300	284	100	96	SW	SW	—	—	150
8	562	495	42°7'	40°1'	39°3'	45°0'	241	223	88	90	SW	S	—	—	Dull and mild.
9	430	403	39°1'	39°0'	37°2'	41°0'	200	222	84	94	S	S	—	—	Dull and mild.
10	500	576	42°1'	36°0'	35°2'	42°5'	255	195	95	92	SSW	SE	—	—	Mild.
11	599	614	37°1'	33°5'	33°2'	37°5'	183	153	83	80	SE	E	—	—	Mild.
12	630	630	32°0'	31°0'	31°0'	34°0'	137	148	75	85	E	E	—	—	Mild.
13	559	418	32°0'	34°0'	31°0'	35°0'	157	156	87	79	Calm	W	—	—	∞
14	367	444	37°1'	31°3'	29°2'	42°0'	183	130	83	74	Calm	NE	—	—	Fine.
15	30°253	086	41°6'	38°1'	27°2'	46°5'	243	191	93	83	W	NW	—	—	Fine.
16	29°917	30°487	39°4'	33°5'	33°5'	42°0'	227	143	95	75	WNW	NE	—	—	Fine.
17	30°191	30°994	30°3'	37°7'	28°7'	40°0'	113	204	67	90	NW	NW	—	—	Sudden change at 114.
18	021	30°150	32°6'	33°0'	30°7'	38°5'	173	159	93	85	E	E	—	—	*
19	455	609	29°5'	27°0'	25°7'	37°5'	123	089	76	61	E	N	—	—	
20	598	618	31°5'	29°2'	25°2'	36°6'	143	127	80	79	W	Calm	—	—	
21	656	576	32°0'	32°0'	26°7'	36°0'	157	170	87	94	Calm	NW	—	—	
22	481	478	32°0'	32°5'	29°7'	42°0'	149	175	82	95	NW	NE	—	—	Mild.
23	511	401	32°3'	36°0'	27°2'	38°0'	178	195	97	92	NW	W	—	—	Mild.
24	369	144	31°5'	36°0'	30°7'	37°5'	157	195	88	92	E	SSE	—	—	
25	056	192	36°0'	35°0'	33°7'	37°5'	175	164	82	80	ESE	S	—	—	
26	220	175	36°5'	38°1'	35°0'	39°5'	190	202	88	88	S	S	—	—	
27	139	30°064	40°7'	42°6'	37°2'	43°5'	207	242	82	89	SSW	S	—	—	020
28	30°010	29°888	44°1'	44°4'	41°1'	45°0'	254	244	87	83	S	SSW	—	—	045
29	29°850	779	44°1'	44°1'	42°6'	45°3'	269	289	93	100	SSW	SW	—	—	1°055
30	29°697	29°955	46°1'	44°1'	42°1'	49°9'	303	269	97	93	S	S	—	—	010
31	30°058	30°079	42°6'	46°1'	41°1'	48°4'	264	279	97	90	S	SW	—	—	
Means	30°253	30°249	38°9'	38°8'	35°2'	42°9'	215	214	87.6	87.3			—	—	2°690

(gale).

Mild.

Dull and mild.

Dull and mild.

Dull and mild.

Mild.

Mild.

Mild.

Mild.

∞

Fine.

Fine.

Sudden change at 114.

*

showers.

SCALEBY.

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

JANUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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° 9	53° 8	49° 0	54° 0	in.	in.	%	%	SW 9	SW 9	10	10	ins.	Squally all day.
2	29° 527	29° 545	40° 6	42° 8	40° 0	53° 8	° 367	° 356	82	85	SW 6	SW 9	1	10	° 020	
3	29° 782	30° 251	42° 8	46° 0	42° 0	46° 2	° 205	° 234	81	85	SW 7	SW 5	10	10	° 020	Squally all day.
4	30° 206	30° 251	42° 8	46° 0	42° 0	46° 2	° 251	° 279	92	91	SW 3	SW 3	10	10	° 060	
5	* 282	* 280	42° 8	44° 8	42° 5	46° 0	° 273	° 295	99	99	SW 3	SW 3	10	10	° 060	
6	* 301	* 326	44° 6	44° 8	43° 0	45° 9	° 274	° 254	93	85	SW 2	SW 4	6	10	—	
7	* 412	* 526	44° 3	45° 8	43° 0	47° 0	° 266	° 281	92	92	Calm 0	Calm 0	10	10	° 040	
8	* 550	* 600	43° 3	42° 6	42° 0	45° 8	° 278	° 271	99	99	Calm 0	S 2	10	10	° 010	
9	* 563	* 530	39° 8	38° 0	37° 5	43° 0	° 243	° 213	99	93	SE 2	SW 3	10	10	—	
10	* 434	* 450	34° 8	34° 8	33° 0	38° 8	° 180	° 180	89	89	S 2	W 1	10	10	—	
11	* 495	* 587	35° 9	32° 8	31° 5	42° 0	° 191	° 162	91	88	E 1	Calm 0	9	0	—	
12	* 608	* 617	35° 8	30° 8	30° 0	42° 8	° 184	° 156	89	91	E 1	E 2	10	0	—	
13	* 632	* 621	26° 3	30° 8	25° 1	32° 0	° 121	° 170	87	99	E 3	E 2	1	8	—	
14	* 561	* 430	26° 8	27° 8	26° 0	31° 0	° 142	° 149	99	99	S 2	Calm 0	10	10	—	
15	* 374	* 392	27° 8	24° 8	24° 8	34° 8	° 149	° 130	99	97	Calm 0	Calm 0	10	0	—	
16	30° 299	* 121	28° 8	28° 3	24° 0	34° 8	° 155	° 137	99	89	Calm 0	Calm 0	10	0	° 180	✱ a. and p.
17	29° 927	30° 089	33° 3	33° 3	26° 0	35° 0	° 177	° 157	94	83	Calm 0	NE 4	10	0	° 040	
18	30° 139	29° 917	24° 8	32° 8	24° 0	34° 0	° 130	° 184	97	99	Calm 0	Calm 0	1	10	° 160	✱ a. and p.
19	29° 956	30° 203	33° 3	33° 8	32° 0	36° 5	° 177	° 172	94	88	NE 1	NE 3	9	4	—	✱ before 9a.
20	30° 450	* 590	20° 8	17° 8	17° 0	34° 0	° 108	° 093	97	97	E 2	N 1	0	0	—	
21	* 590	* 610	17° 0	20° 8	16° 0	28° 0	° 083	° 108	90	97	NE 1	Calm 0	0	0	—	
22	* 641	* 543	25° 3	25° 8	17° 0	31° 8	° 115	° 125	86	91	Calm 0	Calm 0	10	0	—	
23	* 448	* 457	23° 8	24° 8	16° 8	32° 1	° 124	° 130	97	97	Calm 0	Calm 0	1	9	—	
24	* 511	* 480	27° 6	31° 8	20° 0	32° 0	° 138	° 166	92	93	Calm 0	Calm 0	10	0	—	
25	* 391	* 203	25° 3	31° 8	23° 8	33° 8	° 121	° 154	90	86	Calm 0	SW 4	10	10	—	~~~~~
26	* 126	* 208	30° 3	30° 8	26° 0	33° 0	° 152	° 145	91	84	SW 5	Calm 0	10	10	—	
27	* 287	* 265	27° 8	25° 8	25° 0	31° 0	° 149	° 136	98	98	SE 4	SW 4	10	0	—	
28	* 217	* 143	29° 8	34° 8	25° 0	36° 0	° 162	° 199	98	99	SW 4	SW 3	9	9	—	
29	30° 181	30° 008	37° 0	34° 6	33° 5	40° 0	° 198	° 176	90	88	SW 5	SW 4	7	0	—	
30	29° 955	29° 951	38° 3	38° 6	32° 8	43° 2	° 196	° 194	85	83	SW 5	SW 6	5	10	° 030	
31	30° 835	30° 017	41° 0	42° 6	38° 0	44° 0	° 216	° 253	84	93	S 6	SW 5	5	10	° 420	
31	30° 146	30° 171	43° 3	48° 3	42° 0	49° 5	° 278	° 288	99	89	S 1	SW 7	10	10	—	
Means	30° 285	30° 291	33° 7	34° 7	30° 6	39° 1	° 187	° 192	93° 0	91° 8	2° 3	2° 6	7° 5	6° 5	1° 030	

DURHAM.

Height above Mean Sea Level, 336 feet. Long. $1^{\circ} 35' \text{ W.}$ Lat. $54^{\circ} 46' \text{ N.}$

JANUARY 1880.

	10 a.m.	10 p.m.	10 a.	10 p.	Min.	Max.	10 a.	10 p.	10 a.	10 p.	10 a.m.	10 p.m.	10 a.	10 p.	10 a.m.
1	29° 57'	29° 59'	53° 1'	51° 8'	48° 6'	54° 2'	139	331	86	85	SW 2° 4'	SW 6	10	9	—
2	29° 8'21	29° 8'06	41° 7'	42° 3'	38° 6'	54° 0'	178	209	68	78	SW 4	WSW 3'	0	6	° 036
3	30° 2'23	30° 2'57	44° 2'	42° 7'	40° 5'	46° 0'	226	224	77	82	W 2° 3'	WSW 0° 9'	8	0	—
4	* 31° 0	* 32° 6	44° 8'	42° 1'	41° 5'	47° 2'	250	259	84	97	SSW 2	S 1° 1'	9	10	—
5	* 36° 6	* 39° 2	37° 2'	38° 3'	34° 9'	44° 8'	218	225	98	98	S 0° 6'	S 1° 1'	0	0	—
6	* 45° 0	* 55° 3	44° 3'	39° 1'	37° 0'	47° 2'	261	233	90	97	S 1° 3'	SW 0° 5'	10	0	—
7	* 59° 2	* 63° 4	42° 3'	36° 0'	45° 9'	264	262	94	97	SSW 0° 5'	S 0° 5'	9	10	° 015	
8	* 58° 3	* 51° 0	40° 1'	36° 8'	35° 8'	42° 8'	246	201	99	92	S 0° 5'	SW 0° 9'	10	10	—
9	* 49° 5	* 51° 0	33° 3'	29° 1'	25° 8'	37° 0'	176	159	93	98	S 2	SW 0° 9'	10	0	—
10	* 59° 4	* 63° 4	28° 7'	32° 1'	25° 6'	32° 5'	158	178	100	98	SSW 1° 3'	S 0° 8'	10	10	—
11	* 65° 4	* 65° 9	36° 7'	32° 4'	31° 3'	37° 8'	205	176	95	96	SSE 0° 7'	SSE 0° 4'	10	10	—
12	* 65° 6	* 66° 9	32° 0'	30° 2'	29° 8'	34° 0'	165	166	91	99	S 0° 5'	S 0° 6'	10	10	—
13	* 56° 4	* 37° 1	27° 1'	28° 8'	25° 1'	30° 9'	135	147	92	93	S 0° 3'	Calm 0	10	10	—
14	* 34° 4	* 35° 3	35° 8'	31° 3'	25° 3'	36° 8'	166	169	98	96	NW 1° 4'	NW 1	9	10	—
15	30° 239	* 07° 0	34° 7'	26° 3'	26° 1'	35° 6'	162	133	80	94	NW 0° 8'	SW 0° 8'	10	0	* 168
16	29° 0'30	30° 1'16	28° 3'	33° 8'	31° 1'	35° 3'	149	150	97	78	SSE 0° 8'	Calm 0	10	5	* 240
17	30° 0'81	29° 8'01	33° 3'	35° 0'	23° 1'	36° 0'	180	184	95	90	NW 0° 9'	SW 0° 4'	7	10	—
18	29° 0'79	30° 2'46	35° 0'	30° 7'	30° 0'	37° 0'	184	154	90	90	NW 0° 5'	SE 0° 4'	9	9	* 072
19	30° 5'00	* 59° 2	23° 0'	20° 7'	17° 3'	31° 3'	112	101	92	91	NE 0° 1'	SW 0° 5'	0	0	—
20	* 56° 1	* 58° 5	30° 3'	32° 0'	24° 4'	33° 9'	125	167	73	92	WNW 0° 8'	Calm 0	0	10	—
21	* 62° 0	* 49° 1	36° 1'	28° 0'	26° 3'	38° 2'	176	128	82	84	SW 0° 7'	WNW 0° 9'	10	0	—
22	* 39° 6	* 44° 9	36° 3'	34° 7'	27° 1'	38° 4'	185	186	86	92	NW 2	NW 0° 8'	3	10	—
23	* 49° 8	* 44° 1	36° 1'	30° 8'	33° 3'	37° 3'	174	152	81	88	NW 0° 4'	WSW 0° 6'	10	0	—
24	* 37° 2	* 23° 1	30° 9'	30° 7'	26° 9'	35° 0'	168	125	98	72	S 0° 2'	S 1° 4'	10	10	—
25	* 17° 5	* 26° 2	29° 1'	28° 1'	26° 4'	32° 1'	158	129	98	85	S 1° 8'	S 1° 6'	10	10	—
26	* 26° 3	* 25° 9	27° 0'	24° 7'	23° 3'	31° 2'	086	102	60	78	S 1° 6'	S 2	4	0	—
27	* 26° 0	* 21° 1	28° 7'	32° 6'	21° 1'	37° 1'	135	147	86	80	S 2	SSW 2	4	10	—
28	* 18° 3	30° 0'66	26° 3'	27° 2'	23° 5'	38° 0'	133	126	94	86	S 1° 3'	S 2° 5'	3	0	—
29	30° 0'11	29° 0'82	32° 8'	31° 9'	23° 3'	42° 6'	177	174	94	96	S 1° 1'	SSE 1° 7'	7	5	—
30	29° 0'12	30° 1'15	36° 8'	40° 0'	24° 4'	46° 4'	169	213	77	86	S 5	S 2	5	9	—
31	30° 1'98	30° 2'07	41° 8'	41° 8'	36° 3'	50° 1'	242	247	92	93	S 2	S 2	10	10	—
Means	30° 3'03	30° 3'07	35° 1'	33° 8'	29° 4'	39° 6'	184	179	87° 7'	89° 7'	1° 3'	1° 2'	7° 3'	6° 2'	0° 551

Squally 10p.

a. a. and 10p.
a. 10p.

10a. and before.

* p.
* ● p.

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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 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	51°	50°	48°	53°	ins.	ins.	96	98	WSW 5-6	SW 6	9	10	ins.	in squalls a. and p.
2	29°619	29°615	51°	50°	48°	53°	29°619	29°615	96	98	WSW 6	W 7	2	4	—	in squalls a. and p.
3	29°873	29°994	42°	44°	40°	50°	29°873	29°994	80	84	W 5-6	SW 4	4	7	—	in squalls a.
4	30°297	30°309	43°	46°	42°	47°	30°297	30°309	89	84	SW 3	SSW 4	10	10	—	
5	291	284	46°	46°	43°	48°	291	284	99	100	SSW 3	S 3	7	10	—	
6	311	340	46°	46°	46°	47°	311	340	96	100	Calms	SSW 2	10	10	—	
7	452	544	46°	46°	45°	50°	452	544	100	98	Calms	SSW 2	10	10	—	
8	630	644	45°	42°	40°	47°	630	644	97	96	SSW 3	SSE 3	10	10	—	
9	559	511	42°	38°	38°	43°	559	511	92	92	SSE 3	S 2	10	10	—	
10	467	451	36°	43°	35°	43°	467	451	88	92	ESE 5	SE 4	10	10	—	
11	544	566	37°	38°	33°	43°	544	566	82	92	ESE 5	ESE 4-5	10	10	—	
12	580	599	40°	36°	36°	40°	580	599	92	92	ESE 5	ESE 3	10	10	—	
13	614	608	34°	34°	33°	36°	614	608	87	87	E 2	W 1	10	7	—	
14	552	458	34°	33°	32°	41°	552	458	84	95	Calms	Calms	9	10	—	
15	395	426	36°	35°	32°	41°	395	426	84	95	Calms	Calms	9	10	—	
16	30°350	30°350	36°	36°	36°	43°	30°350	30°350	96	94	Calms	W 1	4	7	—	
17	29°939	30°046	42°	37°	36°	43°	29°939	30°046	93	93	ENE 5	ENE 5	10	8	—	
18	30°144	29°944	37°	38°	29°	38°	30°144	29°944	89	93	N 1	W 3	2	8	—	
19	29°924	30°154	37°	38°	32°	39°	29°924	30°154	98	92	N 1	NE 3	6	10	—	
20	30°425	30°425	33°	31°	31°	40°	30°425	30°425	135	129	E 4	E 3	2	0	—	
21	609	635	29°	24°	24°	36°	609	635	154	132	Calms	Calms	9	0	—	
22	674	586	31°	28°	23°	36°	674	586	159	153	Calms	Calms	10	9	—	
23	473	476	34°	34°	23°	41°	473	476	100	95	N 1	Calms	2	4	—	
24	512	501	36°	34°	31°	38°	512	501	100	100	NW 1	NW 1	10	6	—	
25	393	372	32°	36°	25°	37°	393	372	185	177	Calms	SE 2	10	10	—	
26	082	198	35°	30°	30°	37°	082	198	181	137	E 4	Calms	10	2	—	
27	277	261	35°	37°	29°	37°	277	261	195	93	SE 4	SW 2	9	10	—	
28	254	199	36°	41°	35°	41°	254	199	206	247	S 5	SSW 5-6	10	10	—	
29	133	30°133	41°	43°	40°	44°	133	30°133	95	95	S 4	S 4-5	10	4	—	
30	29°909	29°903	44°	44°	42°	45°	29°909	29°903	87	95	SSW 5	S 6	10	10	—	
31	29°850	30°019	45°	45°	43°	46°	29°850	30°019	96	99	SSW 7	SSW 7	10	10	—	
Means	30°302	30°304	39°	39°	35°	42°	30°302	30°304	92°	92°	2°	3°	8°	7°	0°	0°

WAKEFIELD.

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

JANUARY 1880.

1	29°711	29°772	54°	53°	51°	55°	*384	*364	91	88	W 3	WSW 3	8	7	—	☐ 6a. ☐ 6.10a. Bright till 2p. then dull. Ground ☐☐☐ 9p.	
2	29°943	30°034	48°	45°	43°	54°	*245	*252	84	84	W 5	WSW 4	6	4	—		
3	30°276	*387	44°	45°	41°	54°	*256	*273	86	91	W 4	SW 2	8	10	—		
4	*393	*373	43°	43°	42°	48°	*275	*273	98	97	SSW 1	SW 1	7	8	—		
5	*423	*459	41°	42°	37°	46°	*248	*258	94	96	SSW 1	SW 1	1	10	—		
6	*500	*549	42°	42°	41°	47°	*272	*261	98	96	SW 1	SW 1	9	8	—		
7	*661	*658	43°	45°	37°	46°	*277	*275	98	92	SW 1	SW 1	10	10	*020		
8	*608	*564	39°	38°	38°	45°	*234	*225	98	98	ESE 1	S 2	10	10	—		
9	*511	*511	34°	34°	32°	39°	*193	*195	98	99	SSW 2	WSW 1	10	10	—		
10	*606	*621	32°	34°	31°	39°	*184	*195	99	99	ESE 1	ESE 1	10	10	—		
11	*631	*645	37°	35°	33°	37°	*219	*188	99	98	E 2	ENE 2	10	10	—		
12	*648	*641	33°	32°	32°	37°	*174	*173	89	95	E 2	E 2	8	10	—		
13	*586	*439	31°	30°	30°	33°	*161	*164	91	97	ESE 1	NNE 1	10	10	—		
14	*367	*399	30°	35°	26°	39°	*175	*175	94	85	W 1	NNW 1	10	8	—		
15	30°307	*155	34°	36°	30°	40°	*159	*207	80	97	WNW 3	WNW 2	4	5	*140		
16	29°980	30°049	32°	35°	28°	37°	*178	*200	98	98	WNW 1	NW 1	10	10	*040		
17	30°119	29°959	30°	34°	27°	37°	*148	*162	88	82	WSW 1	NW 1	8	8	—		
18	29°998	30°220	34°	34°	33°	37°	*195	*190	99	97	W 1	SSE 1	10	10	—		
19	30°484	*600	24°	23°	21°	34°	*129	*100	100	82	SE 1	N 1	7	0	*030		
20	*614	*605	25°	27°	23°	32°	*132	*148	98	100	W 1	W 1	0	7	—		
21	*639	*539	35°	32°	27°	39°	*184	*170	90	92	W 1	WNW 1	10	9	—		
22	*422	*447	34°	36°	29°	41°	*187	*193	92	91	WNW 2	NNW 1	4	6	—		
23	*520	*513	34°	35°	29°	37°	*195	*183	99	89	NW 1	NNW 1	8	10	—		
24	*411	*297	35°	31°	31°	36°	*175	*169	81	97	W 1	N 1	7	8	—		
25	*212	*314	30°	30°	30°	32°	*167	*167	100	100	SE 2	SSW 2	10	10	—		
26	*361	*325	29°	20°	20°	33°	*155	*110	95	100	WSW 1	SSW 1	10	0	—		
27	*344	*309	18°	22°	16°	26°	*080	*099	81	86	SSE 1	ESE 1	10	0	—		
28	*284	*143	16°	21°	15°	24°	*082	*113	92	100	SE 1	SSE 1	10	0	—		
29	*104	*044	18°	32°	17°	50°	*081	*160	80	86	WSW 1	SSW 1	6	4	—		
30	*061	*146	40°	42°	32°	52°	*236	*243	93	92	S 3	SE 2	2	0	—		
31	30°257	30°288	44°	46°	37°	57°	*207	*293	91	92	ESE 3	SW 2	3	0	—		
Means	30°354	30°355	34°	35°	31°	41°	*195	*199	92°	93°			1°	1°	7°	6°	0°230

JANUARY, 1880.

KELSTERN.

Height above Mean Sea Level, 388 feet. Long. 0° 7' W. Lat. 53° 24' N.

JANUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°	49°	47°	54°	ins.	ins.	92	88	W 5	W 8	9	2	ins.	all day.	
2	29°735	29°840	46°	40°	37°	50°	29°735	29°840	87	84	W 4	W 5	7	1	—		
3	29°935	30°094	46°	40°	37°	50°	29°935	30°094	87	84	WSW 2	W 2	4	0	—		
4	30°300	30°300	46°	40°	37°	50°	30°300	30°300	87	84	SW 2	SW 1	8	7	0.04		
5	417	411	40°	37°	35°	43°	417	411	83	96	SSW 1	SW 3	10	10	—	all a. and p.	
6	448	504	38°	37°	33°	40°	448	504	231	222	SSW 3	SW 2	10	10	—	all a. and p. 9 p.	
7	539	594	34°	37°	30°	38°	539	594	198	220	SW 1	SSE 1	10	10	—	all day.	
8	648	678	37°	37°	36°	41°	648	678	223	228	SE 1	ESE 1	10	10	0.02	a. and p. 9 p.	
9	631	540	36°	36°	35°	38°	631	540	212	212	S 2	SSW 3	10	10	—	9 a.	
10	547	544	32°	28°	28°	36°	547	544	151	99	W 1	ESE 1	8	10	—		
11	619	638	30°	35°	28°	35°	619	638	149	204	ESE 2	ESE 3	9	10	—		
12	655	660	33°	33°	32°	36°	655	660	178	159	ESE 1	ESE 2	8	10	—		
13	669	648	31°	31°	31°	33°	669	648	151	160	SE 1	Calms	10	10	—		
14	577	440	30°	30°	29°	32°	577	440	153	146	NW 2	NW 2	8	9	—	0 p.	
15	339	336	27°	27°	25°	35°	339	336	131	155	WNW 3	N 1	9	6	0.035	all a. and p.	
16	273	130	31°	28°	28°	36°	273	130	127	154	WSW 2	E 1	10	10	0.028	before 9 a.	
17	009	30°036	26°	32°	24°	54°	009	30°036	133	197	NW 1	ESE 4	9	8	—	0 a. and p.	
18	30°093	29°973	27°	28°	26°	37°	30°093	29°973	143	153	SSW 1	ENE 3	6	9	—		
19	29°968	30°204	31°	31°	26°	35°	29°968	30°204	162	154	NW 2	N 1	9	10	—		
20	30°472	607	25°	25°	33°	34°	30°472	607	122	131	SSW 1	ENE 3	6	9	—	9 a.	
21	619	585	24°	24°	22°	32°	619	585	118	64	N 1	NW 1	9	10	—		
22	624	553	33°	33°	27°	37°	624	553	181	166	NNW 3	N 2	7	8	0.050	before 9 a.	
23	360	394	31°	33°	25°	39°	360	394	160	179	NNW 1	NNW 1	9	9	—		
24	485	505	33°	32°	32°	37°	485	505	156	98	S 1	SW 2	7	10	—		
25	448	310	30°	29°	27°	33°	448	310	138	121	SSE 3	SE 1	10	7	—		
26	225	288	27°	26°	26°	30°	225	288	125	122	SE 1	SW 1	8	0	—		
27	353	365	30°	24°	23°	33°	353	365	151	103	SW 2	SW 3	0	0	—	all a. 9 p.	
28	361	330	24°	24°	22°	36°	361	330	111	129	SSW 1	SW 1	0	0	—	all day.	
29	293	208	18°	22°	18°	27°	293	208	119	100	S 2	S 3	0	0	—	a. 9 p.	
30	150	139	18°	28°	16°	29°	150	139	134	100	SSW 3	SSW 4	0	0	0.014	Very fine and mild.	
31	127	214	29°	36°	25°	43°	127	214	156	204	S 3	SW 2	0	0	0.015	a. 9 p. Very fine.	
32	30°327	30°344	32°	37°	31°	45°	30°327	30°344	181	201							
Means	30°363	30°372	31°	32°	29°	37°	Means	30°363	30°372	167	172	90°	92°	2°	6°	0.174	

BUXTON.

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

JANUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	49.6	47.1	51.2	ins.	ins.	100	100	WSW 6	WSW 5	10	0	ins.	1.190
2	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
3	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
4	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
5	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
6	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
7	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
8	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
9	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
10	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
11	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
12	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
13	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
14	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
15	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
16	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
17	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
18	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
19	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
20	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
21	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
22	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
23	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
24	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
25	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
26	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
27	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
28	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
29	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
30	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
31	—	—	50.7	49.1	46.2	50.8	1.193	1.195	75	78	NW 4	W 3	6	0	—	a.
Means	—	—	50.9	49.2	46.5	50.5	1.194	1.191	75.9	78.9	1.7	2.0	7.3	5.8	1.280	

NOTE.—The instrumental observations for this month must be received with some caution, as the observer states that the instruments have been tampered with.

HILLINGTON.

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

JANUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	29.800	29.921	53.0	51.8	48.7	54.9	.374	.321	93	83	SW 4	SW 7	10	10	.002	Very fine and mild.
2	29.971	30.144	48.9	39.8	38.8	52.4	.313	.205	91	84	WSW 5	SW 5	9	0	—	Very fine.
3	30.335	30.429	39.9	35.4	34.1	45.3	.204	.195	83	94	SW 4	W 1	4	0	—	Water covered with ice. Very fine.
4	45.0	42.1	35.3	36.2	32.6	41.2	.192	.203	93	95	W 3	SW 0.5	9	10	—	all day.
5	46.4	51.2	38.5	39.6	32.9	42.0	.227	.227	98	93	SSW 0.5	SW 1	10	10	—	all day. Cold and raw.
6	58.8	58.9	30.9	32.8	30.3	39.8	.166	.182	96	98	SW 1	SW 1	10	10	—	all day.
7	66.1	66.5	35.0	37.1	32.3	37.5	.197	.213	97	96	SW 0.5	SW 0.5	10	10	—	all day.
8	61.3	57.3	35.4	36.9	35.4	39.2	.203	.218	98	99	SW 0.5	SW 0.5	10	10	—	all day.
9	52.6	54.2	31.6	29.5	27.2	37.9	.168	.149	95	92	W 2	SE 1	10	10	—	all day.
10	59.3	63.0	33.2	36.5	28.6	36.8	.171	.210	90	98	SE 0.5	SE 2	10	10	—	all day.
11	62.8	64.0	34.7	35.1	33.4	37.5	.179	.164	89	79	SE 2	SE 1	10	10	—	all day.
12	64.9	57.3	33.4	30.9	27.9	36.6	.158	.166	83	96	ENE 1	SE 1	9	10	—	a. before ga.
13	55.1	42.1	32.8	32.9	30.0	35.6	.151	.181	81	97	SE 1	SE 1	10	10	—	before ga.
14	32.7	30.7	28.2	34.1	27.0	35.4	.145	.174	95	88	NW 1	NW 2	10	9	.015	Powdery * Noon.
15	26.3	30.134	33.2	32.6	31.9	36.9	.189	.176	100	95	NW 3	NW 1	10	10	—	* a. Thaw p. * 7p.
16	033	29.987	28.7	33.8	28.1	35.0	.158	.194	100	100	SW 1	SE 1	10	10	—	all day. * 2.30p.-1.30p.
17	30.074	29.977	27.3	26.9	25.4	36.4	.145	.140	98	96	NNE 0.5	NW 0.5	1	5	.004	* a. Very fine day. * 1p.
18	30.444	30.186	27.1	31.4	21.2	33.5	.141	.164	96	94	SSE 1	SE 5	10	10	—	* a. * 1p. * 3p.-6.30p. * 7p.
19	30.444	30.186	27.1	31.4	21.2	33.5	.141	.164	96	94	SSE 1	SE 5	10	10	—	* a. Very fine. Temp. rising from 8p.
20	61.7	56.6	24.8	26.4	20.5	33.3	.090	.120	69	92	NNW 1	NW 0.5	0	10	—	* n. Very fine day.
21	61.4	53.4	31.9	33.8	25.4	34.3	.178	.178	99	91	NNW 0.5	NW 1	10	10	—	* n. * 1p. * 3p. * 7p.
22	34.5	34.1	30.4	35.0	26.6	40.3	.152	.197	91	97	NW 1	N 1	10	10	—	* n. and a. * 2.30p. and 10.30p.
23	46.1	47.8	34.9	32.8	32.2	37.5	.181	.176	89	94	N 1	N 1	9	10	—	Thaw.
24	46.3	31.8	32.1	32.1	30.7	34.4	.134	.172	73	95	NW 0.5	W 0.5	10	10	—	all day.
25	23.7	25.7	29.0	23.7	23.2	32.5	.111	.116	70	92	S 1	SSE 0.5	10	0	—	all day.
26	34.1	34.6	32.6	24.9	23.5	37.2	.163	.127	89	95	SE 0.5	S 0.5	10	0	—	a. and gp.
27	38.3	32.7	21.7	20.9	17.9	38.4	.094	.108	83	97	S 0.5	NW 0.5	0	10	—	a. Very fine. * 1p.
28	32.1	22.7	19.5	20.0	18.4	25.5	.105	.104	100	97	SW 0.5	SW 0.5	10	10	—	all day. * 1p.
29	17.9	17.9	22.2	27.0	18.8	31.4	.111	.143	94	98	SW 2	SSE 1	10	10	—	a. falling like snow.
30	16.1	25.3	33.4	37.2	24.3	46.5	.158	.214	83	96	SW 2	S 1	0	0	—	Very fine all day. Mild. * 1p.
31	30.350	30.350	38.8	35.4	33.5	50.1	.208	.204	89	99	SSE 1	S 0.5	1	0	—	a. ground covered like * 1p. Very fine day. * 1p.
Means	30.368	30.368	32.4	32.4	28.4	38.3	.169	.176	89.1	93.9	1.4	1.3	7.9	7.8	0.236	

UPPINGHAM.

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

JANUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	52.3	50.5	49.4	53.8	ins.	ins.	100	100	swbyw6	SW 8	10	10	ins.	Very squally gp.
2	29.810	29.913	45.7	39.8	38.2	50.7	.267	.208	87	85	swbyw4	SW 5	10	0	—	Squalls a. Bright from 10.30a. Cir. [from SW. p.]
3	30.360	30.454	39.0	37.1	36.7	44.2	.209	.213	88	96	WSW 3	SW 2	9	0	—	a. and gp. [Cleared off gradually.]
4	44.6	41.3	36.8	35.2	35.2	43.2	.184	.218	84	96	SW 2	swbys 1	4	10	—	all day. Scotch * 1p.
5	45.4	50.1	38.9	35.9	35.0	41.9	.235	.194	99	92	SW 1	SW 1	10	0	—	all day. Scotch * 1p.
6	55.9	59.5	33.3	35.8	33.0	36.2	.190	.208	100	99	swbys 2	SbyW 1	10	10	—	all day. Scotch * 1p.
7	64.6	66.5	36.5	36.5	35.2	40.8	.212	.208	98	96	W 1	SSE 1	10	10	—	all day. Scotch * 1p.
8	60.8	56.0	34.3	33.7	33.7	37.0	.195	.184	98	94	SE 1	SE 2	10	10	—	all day. Scotch * 1p.
9	55.1	55.0	31.0	28.4	28.4	34.1	.161	.147	92	95	S 1	NW 2	10	10	—	all day. Scotch * 1p.
10	61.3	60.8	30.0	33.6	27.2	34.3	.155	.181	93	93	Calm 0	Calm 0	10	10	—	all day. Scotch * 1p.
11	62.0	624	32.8	31.8	31.0	35.5	.168	.154	90	85	SE 3	Calm 0	9	10	—	all day. Scotch * 1p.
12	63.0	611	31.9	30.3	30.3	33.2	.174	.166	96	98	swbys 2	S by E 1	10	8	—	all day. Scotch * 1p.
13	56.2	436	28.7	30.2	28.1	31.0	.137	.156	87	93	swbyw 1	E by N 1	10	10	—	all day. Scotch * 1p.
14	357	365	27.4	32.0	26.7	34.2	.137	.147	92	81	NbyW 2	swbys 3	10	2	—	all day. Scotch * 1p.
15	328	30.185	31.0	34.9	30.0	36.7	.148	.201	85	99	NW 3	N 1	7	10	—	all day. Scotch * 1p.
16	032	29.991	35.0	35.3	30.5	37.5	.204	.201	100	97	SSW 1	Calm 0	10	10	135	all day. Scotch * 1p.
17	30.106	30.005	29.4	29.2	29.0	36.6	.141	.136	87	86	NNW 1	Calm 0	1	0	—	all day. Scotch * 1p.
18	29.766	146	30.0	32.4	25.5	36.7	.155	.176	93	96	NW 2	Calm 0	10	10	—	all day. Scotch * 1p.
19	30.432	617	23.8	22.4	21.5	33.6	.100	.106	78	89	SE 1	Calm 0	1	0	—	all day. Scotch * 1p.
20	639	611	23.3	24.2	20.4	32.9	.114	.096	92	74	NW 2	WNW 2	0	0	—	all day. Scotch * 1p.
21	641	568	32.8	33.9	22.4	36.1	.162	.191	86	98	NNW 1	W by N 1	9	10	—	all day. Scotch * 1p.
22	394	397	30.1	33.9	26.6	39.1	.122	.177	73	90	NW 3	NNW 2	9	9	—	all day. Scotch * 1p.
23	492	518	32.8	33.2	30.7	35.8	.168	.131	90	70	NbyW 1	NW 1	10	10	—	all day. Scotch * 1p.
24	466	318	30.9	30.0	30.0	33.7	.110	.108	64	64	swbys 1	SSW 1	10	10	—	all day. Scotch * 1p.
25	216	263	26.8	28.3	26.6	30.0	.093	.108	64	69	SE 2	swbys 1	10	10	—	all day. Scotch * 1p.
26	335	367	28.8	25.3	23.8	35.9	.138	.127	87	93	Calm 0	swbys 1	9	0	—	all day. Scotch * 1p.
27	380	348	22.8	23.0	19.5	28.6	.122	.112	100	91	S 2	S by E 1	10	0	—	all day. Scotch * 1p.
28	326	218	19.1	26.3	17.7	33.5	.104	.102	100	71	SSW 1	swbys 1	1	0	—	all day. Scotch * 1p.
29	176	159	19.6	27.5	16.6	36.1	.106	.134	100	90	SSW 2	S 2	0	0	010	all day. Scotch * 1p.
30	136	239	34.9	36.6	26.5	46.7	.183	.203	91	94	swbys 2	SW 1	0	1	—	all day. Scotch * 1p.
31	30.331	30.334	38.4	40.4	34.6	48.4	.210	.224	91	90	swbys 2	SW 2	1	0	—	all day. Scotch * 1p.
Means	30.375	30.379	31.9	32.6	29.0	37.7	.166	.169	89.5	88.8	1.8	1.5	7.4	5.8	0.336	all day. Scotch * 1p.

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

CHURCHSTOKE.

Height above Mean Sea Level, 548 feet. Long. 3° 5' W. Lat. 52° 31' N.

JANUARY 1880.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	51°	50°	49°	52°	ins.	ins.	88	84	W 5	SW 5	10	8	ins.	Stormy p.
2	29°839	29°903	51°	50°	49°	52°	342	311	88	84	W 5	SW 5	10	8	100	Stormy p.
3	30°065	30°210	43°	44°	41°	50°	224	215	87	72	W 3	SW 2	7	7	—	Stormy p.
4	423	457	41°	44°	37°	47°	224	215	87	72	W 3	SW 2	7	7	—	Stormy p.
5	440	420	41°	42°	39°	44°	213	201	82	97	SW 3	NE 2	7	8	—	Stormy p.
6	376	470	42°	41°	39°	45°	244	238	95	94	NE 3	E 2	7	10	—	Stormy p.
7	611	40°	42°	41°	39°	45°	244	238	95	94	NE 3	E 2	7	10	—	Stormy p.
8	628	622	40°	40°	39°	45°	244	238	95	94	NE 3	E 2	7	10	—	Stormy p.
9	615	569	34°	30°	29°	40°	183	158	90	94	S 2	SSE 1	9	10	—	Stormy p.
10	536	548	29°	32°	28°	33°	144	170	87	94	S 2	SSE 1	9	10	—	Stormy p.
11	604	613	29°	34°	26°	34°	147	184	88	91	SE 3	E 3	10	10	—	Stormy p.
12	611	628	34°	31°	29°	32°	148	149	84	86	SE 3	SE 2	7	10	—	Stormy p.
13	649	629	31°	31°	29°	32°	148	149	84	86	SE 3	SE 2	7	10	—	Stormy p.
14	603	489	29°	30°	28°	32°	133	160	83	95	SE 2	SE 2	10	10	—	Stormy p.
15	382	451	32°	33°	30°	35°	166	180	89	95	NNW 2	NNW 1	10	10	—	Stormy p.
16	382	451	32°	33°	30°	35°	166	180	89	95	NNW 2	NNW 1	10	10	—	Stormy p.
17	382	451	32°	33°	30°	35°	166	180	89	95	NNW 2	NNW 1	10	10	—	Stormy p.
18	382	451	32°	33°	30°	35°	166	180	89	95	NNW 2	NNW 1	10	10	—	Stormy p.
19	382	451	32°	33°	30°	35°	166	180	89	95	NNW 2	NNW 1	10	10	—	Stormy p.
20	382	451	32°	33°	30°	35°	166	180	89	95	NNW 2	NNW 1	10	10	—	Stormy p.
21	382	451	32°	33°	30°	35°	166	180	89	95	NNW 2	NNW 1	10	10	—	Stormy p.
22	382	451	32°	33°	30°	35°	166	180	89	95	NNW 2	NNW 1	10	10	—	Stormy p.
23	382	451	32°	33°	30°	35°	166	180	89	95	NNW 2	NNW 1	10	10	—	Stormy p.
24	382	451	32°	33°	30°	35°	166	180	89	95	NNW 2	NNW 1	10	10	—	Stormy p.
25	382	451	32°	33°	30°	35°	166	180	89	95	NNW 2	NNW 1	10	10	—	Stormy p.
26	382	451	32°	33°	30°	35°	166	180	89	95	NNW 2	NNW 1	10	10	—	Stormy p.
27	382	451	32°	33°	30°	35°	166	180	89	95	NNW 2	NNW 1	10	10	—	Stormy p.
28	382	451	32°	33°	30°	35°	166	180	89	95	NNW 2	NNW 1	10	10	—	Stormy p.
29	382	451	32°	33°	30°	35°	166	180	89	95	NNW 2	NNW 1	10	10	—	Stormy p.
30	382	451	32°	33°	30°	35°	166	180	89	95	NNW 2	NNW 1	10	10	—	Stormy p.
31	382	451	32°	33°	30°	35°	166	180	89	95	NNW 2	NNW 1	10	10	—	Stormy p.
Means	30°393	30°392	32°	33°	30°	35°	163	173	83	86	2°	2°	7°	7°	0°172	

GELDESTON (BECCLES).

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

JANUARY 1880.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 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°818	29°965	52°	49°	48°	56°	343	312	86	90	WSW 5	SW 4	10	1	—	Stormy p.
2	29°990	30°184	50°	41°	39°	51°	318	197	88	75	SW 5	SW 5	10	0	0°30	Stormy p.
3	30°350	452	40°	36°	36°	46°	216	204	86	94	W 2	W 1	1	0	0°10	Stormy p.
4	482	442	34°	36°	32°	42°	197	205	100	94	WSW 1	SW 1	10	10	—	Stormy p.
5	446	540	35°	37°	35°	39°	207	211	100	93	SSE 1	SW 1	10	10	—	Stormy p.
6	596	623	32°	34°	31°	38°	175	190	96	97	Calm	W 1	3	10	—	Stormy p.
7	662	684	35°	37°	33°	37°	201	204	98	93	WSW 1	Calm	10	10	—	Stormy p.
8	626	575	38°	36°	35°	38°	227	207	99	97	E 1	SE 1	10	10	—	Stormy p.
9	573	555	32°	33°	31°	37°	177	180	97	92	Calm	NE 1	10	10	—	Stormy p.
10	608	614	36°	39°	33°	39°	195	234	92	97	NE 1	ENE 2	10	9	—	Stormy p.
11	636	635	35°	36°	34°	39°	182	175	88	82	ESE 2	E 3	10	10	—	Stormy p.
12	646	632	35°	34°	32°	37°	167	174	81	86	E 2	E 2	10	10	—	Stormy p.
13	558	416	34°	33°	29°	41°	173	169	87	87	E 1	NNE 1	10	10	—	Stormy p.
14	309	282	31°	34°	29°	34°	145	185	81	94	NNW 2	W 1	10	0	0°20	Stormy p.
15	249	124	33°	32°	32°	38°	164	176	87	93	WNW 2	NW 2	9	10	—	Stormy p.
16	058	30°000	28°	33°	28°	33°	158	194	100	100	WSW 1	NE 1	10	10	—	Stormy p.
17	30°061	29°978	29°	29°	27°	40°	156	156	97	95	WNW 1	W 1	5	0	—	Stormy p.
18	29°963	30°178	24°	31°	25°	33°	129	143	100	82	W 1	E 4	8	3	0°30	Stormy p.
19	30°421	570	26°	22°	22°	36°	083	086	59	74	E 2	WNW 1	1	4	—	Stormy p.
20	579	553	28°	29°	21°	35°	090	107	59	65	NW 2	W 2	1	10	—	Stormy p.
21	590	528	33°	34°	27°	39°	184	189	97	96	WNW 1	W 1	10	10	—	Stormy p.
22	314	308	30°	37°	28°	41°	137	201	81	89	WNW 3	N 2	10	10	—	Stormy p.
23	448	481	35°	35°	34°	38°	185	163	90	79	N 1	W 1	10	10	—	Stormy p.
24	464	346	33°	32°	31°	36°	152	124	79	68	W 1	WSW 1	10	10	—	Stormy p.
25	258	261	29°	30°	29°	33°	117	152	71	90	SSW 1	Calm	8	0	—	Stormy p.
26	334	383	33°	33°	28°	27°	145	145	86	93	Calm	Calm	0	0	—	Stormy p.
27	395	356	33°	35°	25°	42°	119	132	97	98	Calm	Calm	0	0	—	Stormy p.
28	337	259	24°	23°	18°	28°	134	123	100	100	SSE 1	SE 1	10	10	—	Stormy p.
29	213	218	23°	29°	18°	30°	123	164	100	100	SW 2	SSW 1	10	10	—	Stormy p.
30	212	288	34°	37°	26°	48°	157	201	79	91	S 2	SE 1	0	0	—	Stormy p.
31	30°371	30°368	35°	37°	28°	55°	194	202	95	92	E 1	Calm	0	0	0°20	Stormy p.
Means	30°373	30°381	33°	33°	29°	39°	173	178	88°	89°	1°	1°	7°	6°	0°170	

CHELTENHAM.

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

JANUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	50°	49°	53°	ins.	ins.	87	89	Calm	W 1	9	10	ins.	a. Very fine p. Beautiful day.
2	29°940	30°022	46°	43°	42°	50°	266	232	85	83	Calm	W 2	7	0	0°10	
3	452	486	41°	43°	40°	48°	231	255	89	92	Calm	Calm	8	0	—	Beautiful morning. Fine day.
4	588	424	39°	43°	34°	45°	216	266	88	93	S 1	S 1	8	10	—	
5	475	501	41°	38°	38°	44°	251	205	96	88	SE 1	S 2	9	0	—	
6	582	605	38°	39°	36°	46°	217	232	95	95	SE 1	Calm	10	10	—	
7	664	660	38°	38°	37°	40°	215	208	94	91	Calm	SE 1	10	10	—	
8	590	568	34°	30°	30°	38°	179	148	91	85	SE 1	Calm	10	10	—	
9	550	537	31°	30°	29°	33°	149	146	85	87	Calm	SE 1	10	0	—	
10	584	567	34°	38°	29°	38°	164	201	83	88	Calm	SE 2	8	10	—	a. V on the hills.
11	590	590	36°	32°	32°	38°	181	143	86	77	E 1	E 2	10	10	—	
12	614	604	33°	31°	30°	34°	147	145	78	81	E 1	Calm	10	10	—	
13	521	441	31°	30°	29°	31°	154	154	88	92	Calm	NE 1	10	10	210	* ² 11a.—4p. * ⁰ at night. 9p.
14	357	417	29°	31°	27°	34°	145	170	90	97	Calm	Calm	10	10	—	
15	368	30°223	28°	34°	11°	35°	148	168	96	84	NW 1	NW 1	10	10	160	* ⁰ and * ⁰ at night. * ² all day.
16	149	29°989	38°	38°	33°	39°	211	222	92	96	W 1	Calm	10	10	530	
17	129	30°034	34°	28°	26°	38°	174	148	93	NE 1	Calm	0	6	8	—	Splendid day.
18	005	126	27°	35°	21°	35°	119	168	82	80	Calm	Calm	0	8	—	
19	419	591	28°	22°	24°	35°	110	105	72	89	SE 4	E 1	0	0	—	Beautiful day.
20	680	058	16°	16°	10°	28°	080	058	89	64	Calm	Calm	0	9	0	
21	677	577	21°	18°	15°	29°	106	098	94	100	Calm	SE 1	8	0	—	all day.
22	471	431	21°	30°	17°	30°	104	165	92	97	Calm	NE 1	6	8	—	
23	521	524	31°	32°	29°	34°	165	172	93	95	Calm	Calm	0	8	10	* ⁰ a. ga. and 9p.
24	471	296	31°	31°	30°	33°	161	170	93	97	Calm	S 1	10	10	—	
25	186	240	29°	30°	29°	32°	142	165	85	97	SE 1	E 1	10	10	—	
26	346	364	26°	25°	16°	34°	120	117	86	88	E 1	Calm	0	6	0	Fine day. U p.
27	366	276	24°	16°	16°	32°	138	116	92	87	SE 1	Calm	0	2	0	
28	328	194	19°	22°	18°	27°	096	107	94	88	SE 1	Calm	0	7	0	a.
29	188	157	22°	32°	14°	35°	115	152	95	83	SE 1	S 2	0	0	—	
30	095	234	36°	35°	32°	47°	083	209	84	91	S 4	S 1	8	0	—	* ⁰ before ga. Brilliant day.
31	30°343	30°343	41°	43°	37°	51°	226	240	86	86	S 1	S 1	1	0	—	
Means	30°401	30°387	32°	33°	27°	38°	169	175	88°	88°	0°7	0°7	7°7	5°6	0°960	

MARLBOROUGH.

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

JANUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	49°	49°	53°	in.	in.	93	92	SW 4	SW 3	10	8	ins.	Very rough p.		
2	30° 994	30° 094	45°	40°	40°	52°	283	212	94	85	W 2	SW 1	9	0	—			
3	459	513	39°	37°	36°	48°	239	216	97	96	SW 1	Calm	7	0	—			
4	504	454	33°	30°	33°	44°	188	236	98	95	Calm	Calm	10	10	0.015	☼ a.		
5	477	527	30°	37°	36°	43°	226	202	94	92	Calm	Calm	9	10	—			
6	573	628	35°	32°	32°	38°	198	186	97	100	Calm	Calm	0	10	10	☼ all day.		
7	661	655	33°	35°	32°	37°	193	198	100	97	Calm	Calm	0	10	10	0.010	a.	
8	599	573	30°	28°	28°	37°	155	148	92	94	Calm	Calm	0	10	10	☼ a.		
9	560	548	29°	29°	28°	31°	149	149	92	93	Calm	Calm	0	10	10	—		
10	564	559	32°	30°	29°	37°	172	195	94	91	Calm	Calm	0	10	9	—		
11	554	576	34°	31°	31°	37°	173	136	86	75	E 1	E 1	10	10	10	—		
12	590	586	31°	30°	30°	33°	149	152	86	90	E 1	Calm	0	10	10	—		
13	522	415	30°	29°	29°	33°	153	166	91	100	E 1	N 1	10	10	200	☼ 9.45 a.—3 p., 2 inches deep.		
14	380	400	29°	28°	28°	35°	149	168	93	91	Calm	Calm	0	9	10	☼ ⁰		
15	372	30° 222	25°	32°	16°	36°	124	141	100	77	Calm	W 2	10	10	0.055	☼		
16	092	29° 992	35°	36°	31°	38°	197	204	96	96	Calm	Calm	0	10	9	155	☼ before 9 a. ☼ ●	
17	096	30° 043	32°	27°	27°	39°	178	136	95	90	Calm	Calm	0	10	10	☼ all day.		
18	014	120	21°	26°	21°	40°	109	142	94	100	Calm	Calm	0	0	7	—		
19	372	598	26°	20°	20°	33°	094	085	68	79	Calm	Calm	0	1	0	—	Very fine.	
20	695	667	15°	19°	14°	34°	077	092	90	90	Calm	Calm	0	4	3	—	Very fine. ☐ p.	
21	686	603	15°	22°	15°	39°	086	117	95	97	Calm	Calm	0	0	0	—	Very fine. ☐ p.	
22	455	421	25°	30°	17°	36°	127	155	95	93	Calm	Calm	0	3	0	0.010	—	Very fine. ☐ p.
23	502	523	31°	33°	29°	36°	175	161	97	86	Calm	Calm	0	10	10	—	☼ 9 a. and before.	
24	479	308	31°	31°	30°	35°	128	115	71	66	Calm	W 1	10	10	10	—		
25	178	179	28°	25°	25°	32°	124	117	79	88	W 1	Calm	0	10	0	—		
26	343	320	20°	19°	18°	31°	108	103	100	100	Calm	Calm	0	10	0	—	☼ 9 a. Very fine day ☐ p.	
27	398	324	23°	22°	16°	32°	128	122	100	100	Calm	Calm	0	10	10	—	☼ all day. ☐ p.	
28	359	153	14°	23°	8°	28°	085	127	100	100	Calm	Calm	0	0	10	—	☼ all day. ☐	
29	214	132	25°	30°	23°	33°	135	159	100	95	N 1	Calm	0	10	0	—	☼ a. Slight thaw. ☐ p.	
30	168	285	30°	36°	29°	47°	204	213	95	98	Calm	Calm	0	10	0	0.020	☼ 9 a. Very fine day. ☼ ☐ p.	
31	30° 365	30° 385	36°	35°	34°	51°	205	199	97	97	S 1	Calm	0	1	0	—	☼ before 9 a. Very fine day.	
Means	30° 395	30° 389	30°	31°	27°	38°	163	164	92°	91°	0°	0°	7°	6°	0° 510	—		

STRATHFIELD TURGISS.

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

JANUARY 1880.

1	29° 979	30° 063	52° 0	48° 5	46° 0	53° 3	369	306	95	90	W 2-3	W 3-4	10	10	0.028	Squally all day. p.
2	30° 126	289	47° 3	39° 9	36° 2	50° 2	295	204	91	83	W 1-2	NW 1	7	10	—	—
3	460	523	41° 5	34° 5	34° 0	48° 7	244	193	94	97	W 3	NW 1	5	0	—	—
4	500	466	35° 4	34° 8	32° 3	46° 3	205	188	99	93	Calm	0	10	9	—	—
5	504	555	37° 5	38° 3	32° 8	42° 3	209	202	93	87	SW 1	S 1	10	10	—	—
6	605	652	34° 2	33° 3	32° 3	38° 9	183	179	93	95	SW 2	SE 0-1	10	10	—	—
7	680	680	33° 8	35° 1	32° 0	36° 5	186	192	95	94	SE 1-2	SE 1	10	10	—	—
8	617	576	31° 0	29° 8	29° 0	36° 0	158	138	91	83	SE 0-1	Calm	0	10	10	—
9	574	540	30° 2	30° 6	29° 3	30° 6	144	158	86	93	SE 1	SE 1	10	10	—	—
10	578	552	33° 8	37° 9	30° 1	38° 1	179	193	92	85	SE 2-3	NE 1	10	10	—	—
11	570	584	35° 3	33° 3	32° 0	38° 5	168	149	81	79	E 2	NE 1	9	10	—	—
12	619	600	31° 7	31° 1	27° 8	35° 1	157	149	89	86	E 2	E 1	9	10	—	—
13	533	394	31° 7	32° 9	28° 0	33° 6	164	178	92	96	S 1	NE 1-0	10	10	180	☉ ✕ a. ✕ p.
14	368	374	31° 6	32° 9	29° 0	33° 6	148	161	83	87	N 0-1	N 0-1	10	10	—	—
15	360	30° 182	26° 7	35° 6	20° 2	35° 9	121	164	85	78	N 1-0	NW 1-0	10	5	0.060	—
16	087	29° 991	36° 3	37° 5	34° 2	39° 7	204	223	95	99	NW 1	Calm	0	10	300	—
17	101	30° 040	33° 3	29° 9	28° 5	37° 6	175	137	93	82	NE 1	E 1	10	8	—	—
18	020	123	25° 2	29° 1	22° 0	38° 6	111	143	83	90	NE 1-0	NE 0-1	0	8	—	—
19	413	610	27° 2	21° 7	20° 5	33° 3	116	070	80	63	NE 0-1	NE 1-0	0	0	—	—
20	664	642	20° 2	20° 3	14° 0	33° 3	064	067	59	62	E 1-0	NE 0-1	0	0	—	—
21	620	578	25° 4	23° 3	15° 5	35° 3	087	085	65	69	NE 1	NE 1-0	4	0	—	—
22	438	392	28° 2	33° 3	17° 5	35° 6	136	173	89	92	N 1	N 1	0	5	—	—
23	490	514	33° 6	33° 7	28° 7	36° 8	164	165	85	85	NE 1-0	NE 1-0	10	10	—	—
24	466	334	33° 1	31° 5	31° 3	34° 4	137	149	72	84	NE 0-1	NE 0-1	10	10	—	—
25	184	183	31° 5	23° 4	23° 0	33° 1	142	091	80	74	SE 2-3	Calm	0	10	0	—
26	335	375	17° 3	19° 4	13° 3	31° 0	057	074	61	73	SE 0-1	E 0-1	10	0	—	—
27	408	373	18° 1	20° 5	14° 7	29° 6	085	092	87	85	E 1-0	E 1-0	10	10	—	—
28	344	261	19° 9	22° 2	16° 9	25° 0	073	107	69	92	Calm	0	10	10	—	—
29	231	208	24° 5	23° 2	18° 9	32° 2	078	113	60	92	E 1	E 1-0	10	0	—	—
30	176	284	37° 7	34° 9	14° 4	51° 0	186	190	82	94	S 2	SE 1	0	0	—	—
31	30° 376	30° 378	27° 3	31° 9	21° 2	54° 0	109	150	74	83	Calm	0	1	0	0	—
Means	30° 401	30° 397	31° 4	31° 1	26° 0	38° 0	157	154	83° 6	85° 3	1° 3	1° 0	7° 5	6° 6	0° 568	—

RAMSGATE.

Height above Mean Sea Level, 105 feet. Long. 1° 25' E. Lat. 51° 20' N.

JANUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	49°	39°	54°	ins.	ins.	94	91	SW 2	SW 4	10	3	ins.	Squally a. p. * op. D op. Squally a. ga. a. a.			
2	29° 957	30° 122	51°	49°	39°	54°	353	318	94	91	SW 2	SW 4	10	3	0.070				
3	30° 143	242	46°	39°	39°	50°	307	210	98	86	SW 2	SW 1	10	0	—				
4	434	524	38°	37°	37°	48°	214	212	94	93	SW 1	Calm	0	5	0		—		
5	536	487	38°	37°	34°	47°	228	215	99	97	Calm	0	Calm	0	9		2	—	
6	520	562	36°	35°	35°	38°	212	193	100	93	Calm	0	Calm	0	10		5	—	
7	606	636	36°	34°	29°	37°	181	180	86	90	Calm	0	Calm	0	10		10	—	
8	690	689	34°	33°	32°	35°	196	168	100	86	Calm	0	Calm	0	10		10	—	
9	617	592	31°	29°	29°	34°	180	166	100	100	Calm	0	Calm	0	10		10	—	
10	574	550	32°	35°	28°	37°	181	186	100	90	Calm	0	Calm	0	10		10	—	
11	577	581	38°	39°	32°	40°	225	219	98	92	E 1	E 1	10	10	—		—		
12	593	599	35°	35°	34°	40°	184	178	90	86	E 3	E 3	10	0	—		—		
13	628	592	32°	33°	31°	36°	161	178	87	91	Calm	0	E 1	5	1		—	—	
14	544	390	33°	34°	32°	36°	162	183	84	90	E 1	Calm	0	10	10		—	—	
15	322	321	32°	34°	29°	36°	158	188	86	96	Calm	0	SW 1	10	10	0.030	▲ p.		
16	302	30° 189	33°	32°	30°	36°	174	175	92	97	W 2	NW 1	9	10	—	* op.			
17	093	29° 986	31°	35°	30°	36°	169	205	96	100	W 1	S 1	10	10	—	0.040	D op.		
18	054	30° 014	36°	31°	30°	40°	182	170	87	96	N 1	NW 1	6	10	—	—	—		
19	001	131	27°	35°	26°	38°	130	201	90	98	Calm	0	E 1	10	10	—	—	—	
20	392	583	26°	24°	24°	30°	097	122	68	95	E 5	Calm	0	5	4	—	Squally a.		
21	624	615	30°	24°	23°	32°	156	103	91	80	NW 2	NW 1	10	5	—	—	▲ ga.		
22	611	545	30°	33°	24°	34°	163	176	97	94	Calm	0	Calm	0	9	10	—	—	
23	358	294	31°	36°	30°	37°	128	212	72	98	W 1	N 3	5	10	—	0.080	—		
24	447	503	36°	34°	33°	38°	188	161	88	80	N 1	Calm	0	10	10	—	—	—	
25	490	356	33°	30°	30°	35°	151	095	79	57	SW 2	W 2	10	10	—	—	—	—	
26	242	249	30°	31°	27°	34°	106	165	64	93	E 1	NE 3	1	0	0	—	—	—	
27	332	390	29°	32°	27°	36°	117	174	74	94	E 1	Calm	0	0	0	—	—	—	
28	394	350	28°	28°	23°	39°	153	148	100	96	Calm	0	Calm	0	10	0	—	—	—
29	362	261	26°	27°	21°	36°	139	124	98	82	Calm	0	Calm	0	10	0	—	—	—
30	255	257	27°	35°	22°	39°	127	184	84	90	E 1	SE 2	5	0	0	—	—	—	
31	259	377	39°	40°	22°	44°	232	245	96	98	S 1	SW 1	1	0	0	—	—	—	—
31	30° 404	30° 388	40°	37°	31°	50°	208	197	84	89	SW 1	Calm	0	0	0	—	—	—	—
Means	30° 399	30° 399	33°	34°	29°	39°	179	182	89°	90°	1°	0°	7°	5°	0°	220	—	—	—

ST. LEONARDS.

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

JANUARY 1880.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	48° 2	45° 5	44° 9	49° 9	ins.	ins.	98	100	WSW 5	WSW 4	10	10	ins.	Squally.
2	30° 013	30° 150	48° 2	45° 5	44° 9	49° 9	30° 013	30° 150	98	100	WSW 5	WSW 4	10	10	ins.	Squally.
3	30° 155	30° 155	44° 4	39° 7	39° 3	48° 4	30° 155	30° 155	96	96	SW 6	W 2	10	10	ins.	ga. and gp.
4	30° 467	30° 532	38° 6	39° 6	37° 9	48° 0	30° 467	30° 532	99	99	WNW 1	W 1	10	10	ins.	ga. and gp.
5	30° 522	30° 481	40° 7	40° 8	38° 8	43° 8	30° 522	30° 481	100	91	W 1	WNW 1	8	8	ins.	ga. and gp.
6	30° 519	30° 556	38° 6	36° 0	35° 8	40° 8	30° 519	30° 556	90	86	SSE 1	ESE 1	10	10	ins.	ga. and gp.
7	30° 591	30° 633	36° 2	34° 8	34° 8	38° 1	30° 591	30° 633	88	88	ENE 1	NE 1	10	10	ins.	ga. and gp.
8	30° 672	30° 665	34° 7	32° 4	32° 0	36° 2	30° 672	30° 665	92	96	ENE 1	E 2	10	10	ins.	ga. and gp.
9	30° 602	30° 567	31° 8	31° 5	30° 3	34° 5	30° 602	30° 567	100	100	ENE 1	ESE 1	10	10	ins.	ga. and gp.
10	30° 556	30° 528	33° 9	35° 2	31° 0	35° 2	30° 556	30° 528	86	78	ESE 1	E 3	10	10	ins.	ga. and gp.
11	30° 551	30° 541	38° 2	39° 2	34° 5	40° 4	30° 551	30° 541	95	87	ENE 2	E 4	10	10	ins.	ga. and gp.
12	30° 551	30° 503	35° 0	35° 6	34° 4	39° 2	30° 551	30° 503	86	78	ESE 3	E 4	4	0	ins.	ga. and gp.
13	30° 589	30° 586	33° 7	34° 3	31° 3	37° 5	30° 589	30° 586	80	81	ESE 3	E 4	4	0	ins.	ga. and gp.
14	30° 532	30° 532	33° 8	37° 4	30° 1	37° 5	30° 532	30° 532	89	94	E 1	Calm 0	9	10	ins.	ga. and gp.
15	30° 330	30° 340	31° 6	32° 7	29° 4	38° 1	30° 330	30° 340	83	82	N 4	NNW 2	10	9	ins.	ga. and gp.
16	30° 335	30° 213	32° 6	31° 0	29° 8	34° 9	30° 335	30° 213	83	93	NW 2	WNW 3	9	10	ins.	ga. and gp.
17	30° 097	30° 291	34° 6	37° 2	30° 4	37° 7	30° 097	30° 291	98	90	W 1	NNW 1	10	10	ins.	ga. and gp.
18	30° 054	30° 021	33° 9	32° 1	31° 9	38° 9	30° 054	30° 021	80	80	N 1	Calm 0	0	7	ins.	ga. and gp.
19	30° 093	30° 124	31° 7	33° 6	29° 7	37° 9	30° 093	30° 124	86	95	NNE 3	NNE 3	2	0	ins.	ga. and gp.
20	30° 356	30° 584	26° 6	24° 2	24° 2	33° 6	30° 356	30° 584	71	69	NE 3	NW 2	1	0	ins.	ga. and gp.
21	30° 637	30° 631	26° 9	26° 6	23° 6	33° 0	30° 637	30° 631	87	87	NW 2	NW 2	1	0	ins.	ga. and gp.
22	30° 631	30° 558	28° 7	35° 6	24° 1	36° 4	30° 631	30° 558	91	90	Calm 0	NNW 1	10	10	ins.	ga. and gp.
23	30° 389	30° 307	32° 6	36° 0	29° 8	37° 0	30° 389	30° 307	83	87	NW 3	N 5	4	3	ins.	ga. and gp.
24	30° 435	30° 501	34° 5	34° 5	33° 0	37° 9	30° 435	30° 501	93	80	NNE 2	NNE 1	9	10	ins.	ga. and gp.
25	30° 475	30° 332	33° 6	31° 8	31° 8	35° 4	30° 475	30° 332	71	65	NE 1	SE 2	10	10	ins.	ga. and gp.
26	30° 214	30° 221	31° 5	28° 0	27° 3	34° 9	30° 214	30° 221	76	72	ESE 3	ESE 3	8	10	ins.	ga. and gp.
27	30° 310	30° 360	30° 4	31° 8	24° 2	36° 0	30° 310	30° 360	80	87	ESE 2	ENE 1	1	0	ins.	ga. and gp.
28	30° 376	30° 350	29° 2	30° 1	27° 0	38° 6	30° 376	30° 350	100	99	N 3	ENE 1	0	0	ins.	ga. and gp.
29	30° 341	30° 245	28° 8	32° 4	26° 4	36° 1	30° 341	30° 245	100	88	E 2	SE 2	0	0	ins.	ga. and gp.
30	30° 238	30° 247	30° 7	36° 1	27° 1	39° 3	30° 238	30° 247	100	86	SSE 1	Calm 0	0	0	ins.	ga. and gp.
31	30° 242	30° 318	40° 6	42° 9	34° 6	45° 9	30° 242	30° 318	88	84	SE 2	SSE 1	8	0	ins.	ga. and gp.
Means	30° 388	30° 381	34° 4	34° 8	31° 5	39° 0	30° 388	30° 381	89° 1	86° 4	2° 1	1° 8	6° 5	5° 5	0° 418	ga. and gp.

DARTMOOR.

Height above Mean Sea Level, 1,359 feet. Long. 3° 59' W. Lat. 50° 33' N.

JANUARY 1880.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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° 952	30° 111	47° 0	45° 0	48° 0	32° 3	29° 952	30° 111	100	100	W 4	SW 3	10	10	1° 250	ga. and gp.
2	30° 163	30° 420	41° 5	36° 0	34° 0	47° 0	30° 163	30° 420	100	100	SW 2	W 2	10	0	ins.	ga. Fine day.
3	30° 525	30° 520	39° 4	38° 5	31° 0	43° 0	30° 525	30° 520	100	92	Calm 0	W 1	10	10	ins.	ga. and gp. Fine day.
4	30° 462	30° 442	39° 9	42° 0	33° 9	42° 5	30° 462	30° 442	100	100	W 1	SW 1	10	10	ins.	ga. and gp.
5	30° 442	30° 488	41° 0	38° 5	33° 0	43° 0	30° 442	30° 488	96	96	SW 1	SE 1	8	10	ins.	ga. and gp.
6	30° 553	30° 601	38° 5	36° 0	35° 0	39° 0	30° 553	30° 601	100	100	Calm 0	Calm 0	10	10	ins.	ga. and gp.
7	30° 625	30° 612	33° 4	31° 9	31° 0	36° 0	30° 625	30° 612	100	100	NE 1	NE 2	10	10	ins.	ga. and gp.
8	30° 619	30° 513	31° 0	30° 0	28° 0	32° 0	30° 619	30° 513	100	100	NE 2	ESE 1	10	10	ins.	ga. and gp.
9	30° 495	30° 500	33° 5	29° 5	29° 0	34° 0	30° 495	30° 500	100	100	SE 1	E 1	10	10	ins.	ga. and gp.
10	30° 481	30° 448	31° 0	34° 5	26° 0	35° 0	30° 481	30° 448	85	100	E 3	ESE 4	10	10	ins.	ga. and gp.
11	30° 455	30° 497	34° 0	30° 0	30° 0	35° 0	30° 455	30° 497	100	100	SE 3	E 4	10	10	ins.	ga. and gp.
12	30° 516	30° 518	29° 5	31° 4	28° 5	32° 0	30° 516	30° 518	100	100	E 2	E 3	10	10	ins.	ga. and gp.
13	30° 468	30° 448	30° 4	31° 5	29° 0	32° 6	30° 468	30° 448	100	100	E 3	ENE 3	10	10	ins.	ga. and gp.
14	30° 417	30° 455	30° 0	28° 5	26° 0	33° 0	30° 417	30° 455	83	100	NNE 2	E 2	8	10	ins.	ga. and gp.
15	30° 397	30° 225	32° 5	30° 0	21° 0	35° 0	30° 397	30° 225	83	83	Calm 0	Calm 0	10	3	ins.	ga. and gp.
16	30° 158	30° 044	35° 0	36° 9	30° 0	38° 0	30° 158	30° 044	100	100	SW 2	SW 2	8	10	ins.	ga. and gp.
17	30° 049	30° 033	33° 5	29° 0	28° 0	37° 2	30° 049	30° 033	100	100	SSE 2	ESE 1	10	10	ins.	ga. and gp.
18	30° 997	30° 059	25° 0	28° 5	24° 0	31° 0	30° 997	30° 059	100	100	E 2	NE 1	7	10	ins.	ga. and gp.
19	30° 266	30° 525	28° 0	25° 0	22° 0	29° 2	30° 266	30° 525	100	100	E 4	ESE 3	10	8	ins.	ga. and gp.
20	30° 594	30° 600	27° 5	26° 5	20° 5	29° 0	30° 594	30° 600	81	100	SE 1	ESE 2	10	9	ins.	ga. and gp.
21	30° 650	30° 601	26° 5	26° 9	24° 8	30° 5	30° 650	30° 601	89	100	E 2	SE 1	10	1	ins.	ga. and gp.
22	30° 474	30° 441	27° 0	28° 0	20° 5	31° 9	30° 474	30° 441	90	—	NNE 1	N 2	5	0	ins.	ga. and gp.
23	30° 499	30° 542	29° 0	28° 0	25° 0	32° 0	30° 499	30° 542	—	—	E 2	E 1	9	10	ins.	ga. and gp.
24	30° 454	30° 266	28° 5	28° 0	27° 0	29° 0	30° 454	30° 266	—	—	E 1	Calm 0	10	10	ins.	ga. and gp.
25	30° 095	30° 221	28° 9	29° 5	28° 0	30° 0	30° 095	30° 221	84	100	ESE 2	E 6	10	10	ins.	ga. and gp.
26	30° 314	30° 364	21° 0	21° 0	18° 0	29° 5	30° 314	30° 364	—	—	NE 3	Calm 0	0	0	ins.	ga. and gp.
27	30° 358	30° 370	26° 0	24° 0	15° 5	37° 5	30° 358	30° 370	—	—	W 1	Calm 0	0	0	ins.	ga. and gp.
28	30° 321	30° 232	27° 5	29° 9	21° 0	40° 0	30° 321	30° 232	—	—	Calm 0	SW 1	0	0	ins.	ga. and gp.
29	30° 173	30° 130	31° 0	37° 9	25° 0	45° 0	30° 173	30° 130	88	100	SE 2	SE 3	3	4	ins.	ga. and gp.
30	30° 098	30° 223	41° 5	41° 0	35° 0	45° 0	30° 098	30° 223	88	100	SE 2	SE 3	3	4	ins.	ga. and gp.
31	30° 319	30° 361	42° 0	37° 5	35° 0	50° 0	30° 319	30° 361	92	87	Calm 0	S 1	1	0	ins.	ga. and gp.
Means	30° 307	30° 381	32° 6	31° 9	27° 7	36° 5	30° 307	30° 381	—	—	1° 6	1° 8	8° 0	7° 0	2° 550	ga. and gp.

BABBACOMBE.

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

JANUARY 1880.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	51° 0	48° 3	48° 0	51° 7	ins.	ins.	96	97	WSW 5	SW 7	10	10	ins.	p. (gale) a. p. n. D ² a. and after 5p. p.
2	30° 050	30° 104	45° 0	42° 0	40° 8	50° 2	358	327	96	97	W 3	WSW 4	10	0	—	
3	185	371	45° 9	42° 0	40° 8	50° 2	283	231	93	93	WSW 2	SW 2	0	1	—	
4	530	519	39° 9	38° 9	36° 0	51° 8	233	225	95	95	WSW 2	SSE 2	2	9	030	p. n. D ² a. and after 5p. p.
5	474	424	37° 3	45° 1	33° 3	46° 9	218	301	98	100	WSW 2	SSE 2	2	9	030	
6	459	500	43° 6	41° 0	41° 0	45° 6	274	241	97	94	SE 3	SSE 3	5	10	10	p. a. all day.
7	566	607	41° 2	38° 6	38° 2	42° 1	245	218	95	93	SSE 3	E 2	2	10	10	
8	636	608	38° 8	37° 8	37° 2	39° 0	210	198	90	87	E 3	ENE 4	10	10	10	p. a. all day.
9	532	504	36° 6	35° 5	33° 3	37° 9	192	170	89	81	ESE 3	E 2	2	10	10	
10	499	504	38° 9	33° 7	33° 7	39° 5	213	167	91	86	ESE 3	ENE 4	10	10	10	a. all day.
11	490	475	37° 5	39° 8	32° 3	41° 3	182	215	81	88	E 4	E 5	5	10	10	
12	479	508	39° 5	36° 5	36° 1	40° 0	218	170	90	82	E 5	ENE 4	10	10	10	a. Sun not seen for past 8 days.
13	530	515	36° 5	39° 0	35° 7	39° 0	178	204	83	86	E 5	E 3	5	10	10	
14	441	426	33° 2	33° 0	32° 0	39° 5	187	177	99	95	NNE 3	NNW 2	10	10	020	* 2 ⁵⁰ a. — 7a. * 0 ³⁰ 0.30 p. [] p. * 4 ins. deep 9.30 p. a. and p. Snow 2 ins. deep 9a. [] thaw after 10a. * 10a. p. Snow 4 ins. deep 9a. [] all thawed by 5p.
15	430	425	33° 4	36° 7	31° 9	37° 0	158	177	83	82	N 2	N 2	10	10	10	
16	394	295	32° 9	31° 5	29° 8	42° 2	154	140	82	79	W 2	SW 2	10	6	—	a. and p. a. Wind NNE, 6a. [] till 10a. a. [] * 0 ¹⁰ at times, 10.30a.—11.15a. [] p. a. and p. 10a. and after 6p. a. * 0 ¹⁰ showers 1.50 p.—3p. [] only 28° 3. Wind N. 4p. a. and p. Bitterly cold. Max. 9a.—10a. and in shade all day. [] 11a. 5p.—7p. 10a. and in valley after 6p. [] at 4ft. 9a. and p. [] in lower part of town [] on roads. [] to 10a. and after 9p. a. and p.
17	153	026	40° 1	41° 0	31° 0	44° 7	221	239	89	94	W 3	WSW 4	9	10	300	
18	30° 046	024	38° 6	33° 0	33° 0	41° 0	228	173	97	92	E 4	NNE 3	10	10	150	a. and p. a. Wind NNE, 6a. [] till 10a. a. [] * 0 ¹⁰ at times, 10.30a.—11.15a. [] p. a. and p. 10a. and after 6p. a. * 0 ¹⁰ showers 1.50 p.—3p. [] only 28° 3. Wind N. 4p. a. and p. Bitterly cold. Max. 9a.—10a. and in shade all day. [] 11a. 5p.—7p. 10a. and in valley after 6p. [] at 4ft. 9a. and p. [] in lower part of town [] on roads. [] to 10a. and after 9p. a. and p.
19	30° 087	071	31° 8	37° 6	30° 1	38° 0	145	178	81	79	NNE 1	E 5	6	3	—	
20	30° 290	528	34° 9	31° 2	30° 3	37° 8	174	102	85	59	E 5	E 5	10	9	—	a. and p. a. Wind NNE, 6a. [] till 10a. a. [] * 0 ¹⁰ at times, 10.30a.—11.15a. [] p. a. and p. 10a. and after 6p. a. * 0 ¹⁰ showers 1.50 p.—3p. [] only 28° 3. Wind N. 4p. a. and p. Bitterly cold. Max. 9a.—10a. and in shade all day. [] 11a. 5p.—7p. 10a. and in valley after 6p. [] at 4ft. 9a. and p. [] in lower part of town [] on roads. [] to 10a. and after 9p. a. and p.
21	611	619	33° 0	34° 1	30° 1	34° 5	133	146	71	74	ESE 3	E 3	10	10	10	
22	658	580	29° 9	28° 9	28° 7	38° 0	121	136	73	86	NE 2	Caln 0	3	0	—	a. and p. a. Wind NNE, 6a. [] till 10a. a. [] * 0 ¹⁰ at times, 10.30a.—11.15a. [] p. a. and p. 10a. and after 6p. a. * 0 ¹⁰ showers 1.50 p.—3p. [] only 28° 3. Wind N. 4p. a. and p. Bitterly cold. Max. 9a.—10a. and in shade all day. [] 11a. 5p.—7p. 10a. and in valley after 6p. [] at 4ft. 9a. and p. [] in lower part of town [] on roads. [] to 10a. and after 9p. a. and p.
23	474	427	30° 9	34° 9	24° 1	38° 0	139	157	80	77	N 1	N 3	1	0	—	
24	498	514	34° 1	35° 9	32° 9	36° 2	161	148	81	70	N 2	ENE 2	10	10	10	a. and p. a. Wind NNE, 6a. [] till 10a. a. [] * 0 ¹⁰ at times, 10.30a.—11.15a. [] p. a. and p. 10a. and after 6p. a. * 0 ¹⁰ showers 1.50 p.—3p. [] only 28° 3. Wind N. 4p. a. and p. Bitterly cold. Max. 9a.—10a. and in shade all day. [] 11a. 5p.—7p. 10a. and in valley after 6p. [] at 4ft. 9a. and p. [] in lower part of town [] on roads. [] to 10a. and after 9p. a. and p.
25	449	248	33° 3	33° 0	32° 9	36° 0	150	136	79	72	NNE 2	SE 3	10	10	10	
26	100	172	34° 1	34° 0	33° 0	36° 2	152	164	76	83	ESE 2	E 4	10	9	—	a. and p. a. Wind NNE, 6a. [] till 10a. a. [] * 0 ¹⁰ at times, 10.30a.—11.15a. [] p. a. and p. 10a. and after 6p. a. * 0 ¹⁰ showers 1.50 p.—3p. [] only 28° 3. Wind N. 4p. a. and p. Bitterly cold. Max. 9a.—10a. and in shade all day. [] 11a. 5p.—7p. 10a. and in valley after 6p. [] at 4ft. 9a. and p. [] in lower part of town [] on roads. [] to 10a. and after 9p. a. and p.
27	310	347	26° 1	28° 3	25° 3	34° 2	111	122	79	80	NE 3	NW 1	10	10	10	
28	369	349	26° 4	30° 1	22° 1	39° 1	110	139	79	82	NNW 2	NNE 1	0	0	—	a. and p. a. Wind NNE, 6a. [] till 10a. a. [] * 0 ¹⁰ at times, 10.30a.—11.15a. [] p. a. and p. 10a. and after 6p. a. * 0 ¹⁰ showers 1.50 p.—3p. [] only 28° 3. Wind N. 4p. a. and p. Bitterly cold. Max. 9a.—10a. and in shade all day. [] 11a. 5p.—7p. 10a. and in valley after 6p. [] at 4ft. 9a. and p. [] in lower part of town [] on roads. [] to 10a. and after 9p. a. and p.
29	327	221	31° 0	35° 3	21° 9	40° 6	174	193	100	94	NNE 1	SSW 1	10	9	—	
30	172	136	39° 2	41° 0	35° 0	49° 5	223	225	93	88	SSE 1	S 3	0	0	010	a. and p. a. Wind NNE, 6a. [] till 10a. a. [] * 0 ¹⁰ at times, 10.30a.—11.15a. [] p. a. and p. 10a. and after 6p. a. * 0 ¹⁰ showers 1.50 p.—3p. [] only 28° 3. Wind N. 4p. a. and p. Bitterly cold. Max. 9a.—10a. and in shade all day. [] 11a. 5p.—7p. 10a. and in valley after 6p. [] at 4ft. 9a. and p. [] in lower part of town [] on roads. [] to 10a. and after 9p. a. and p.
31	120	229	42° 9	44° 0	38° 9	50° 0	241	253	87	87	S 3	S 3	1	7	—	
Means	30° 374	30° 375	36° 5	36° 8	33° 0	41° 7	195	191	87° 5	85° 4	2° 6	2° 9	8° 0	7° 3	1° 170	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

LONDONDERRY.

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

JANUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	49°	48°	55°	ins.	ins.	80	85	SW 5	WSW 4	10	10	ins.	☉ during day.
2	29°445	29°409	53°	49°	48°	55°	201	244	80	85	W 4	W 4	1	5	185	Squally day. ☉ in evening.
3	29°761	29°953	40°	43°	36°	49°	201	244	80	85	WSW 2	WSW 4	7	10	100	Squally a.
4	30°242	30°171	41°	45°	39°	46°	229	266	89	94	SW 2	S 2	10	10	1010	
5	211	177	43°	48°	43°	49°	209	244	94	94	SW 2	S 2	10	10	10	Dull and very mild.
6	171	236	48°	47°	41°	50°	324	288	94	87	S 2	SW 3	8	0	10	☉ a.
7	376	467	48°	45°	44°	51°	319	290	92	88	S 3	Calm	5	10	10	
8	531	609	46°	43°	43°	48°	290	251	92	88	S 3	Calm	5	10	10	☉ all day.
9	532	451	42°	39°	38°	44°	226	197	83	82	S 2	SW 3	10	7	050	
10	378	332	37°	42°	35°	42°	219	199	84	87	S 3	Calm	2	7	10	
11	450	521	41°	38°	37°	43°	219	199	84	87	S 3	E 1	10	10	10	
12	542	568	38°	38°	36°	40°	198	207	85	88	S 1	E 1	7	10	10	
13	586	583	39°	35°	33°	39°	173	173	89	84	SE 2	E 1	7	10	10	
14	570	512	34°	36°	31°	36°	168	185	85	86	SW 1	SW 1	10	10	10	
15	458	480	38°	39°	35°	43°	211	191	91	77	SW 2	NE 1	8	6	010	
16	30°395	30°186	42°	35°	34°	45°	357	182	93	86	NW 1	NE 1	7	0	010	
17	30°241	30°977	31°	39°	29°	40°	158	239	89	97	Calm	SE 1	6	10	155	
18	006	30°190	31°	34°	30°	40°	166	184	95	92	Calm	E 1	0	8	030	☉ to noon.
19	429	592	31°	27°	26°	38°	162	122	92	80	E 1	E 1	4	0	10	☉ a.
20	634	644	24°	24°	22°	32°	104	094	81	71	SSW 1	S 1	2	0	10	☉ a.
21	693	620	21°	23°	18°	30°	080	096	70	78	SE 0.5	Calm	0	0	10	☉ all day.
22	555	524	24°	25°	19°	26°	106	126	82	91	SW 2	SW 2	10	10	10	☉ all day.
23	547	507	28°	27°	24°	29°	145	135	92	91	WSW 2	Calm	0	10	10	
24	30°336	022	28°	26°	25°	36°	137	180	88	85	SE 1	S 3	10	10	10	
25	29°947	147	37°	37°	35°	40°	194	205	87	90	SE 3	SE 3	8	7	10	
26	30°191	137	37°	39°	35°	41°	180	195	79	81	SW 2	SW 3	8	7	10	
27	30°093	30°029	40°	42°	36°	43°	216	252	85	92	SW 3	SW 4	10	10	095	
28	29°920	29°768	43°	46°	41°	47°	240	256	86	81	S 3	SW 5	7	10	095	
29	801	645	44°	48°	43°	48°	278	293	94	88	S 3	S 3	10	10	10	☉ at night.
30	29°616	29°931	49°	43°	41°	51°	335	236	93	83	SW 4	S 2	10	10	10	
31	30°003	30°030	44°	47°	39°	50°	264	276	89	84	S 3	S 3	8	10	10	
Means	30°247	30°245	38°	39°	34°	42°	213	217	87°	86°	2°	1°	7°	7°	2°	2°

MARKREE CASTLE, SLIGO.

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

JANUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 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°532	29°474	52°	49°	48°	55°	360	307	92	88	SSW 4	SSW 1	10	10	068	☉ 9p.
2	29°842	30°091	39°	44°	36°	49°	205	225	86	76	W 2	WNW 4	2	3	065	
3	30°262	30°041	38°	44°	38°	47°	225	271	95	93	Calm	SSW 2	8	10	167	
4	195	161	44°	45°	43°	49°	268	276	92	92	S 2	S 3	10	10	010	
5	154	254	47°	46°	41°	49°	319	267	96	85	S 3	S 2	10	10	002	
6	382	463	48°	46°	45°	51°	326	287	97	91	S 1	SSW 2	10	10	001	
7	501	566	47°	43°	42°	50°	301	236	94	83	SSW 3	SE 2	10	10	10	
8	508	420	40°	37°	37°	44°	195	184	78	81	SE 3	SE 3	9	10	10	
9	336	326	38°	43°	36°	44°	192	241	83	84	SE 3	SE 4	5	10	10	
10	431	490	36°	35°	34°	44°	201	165	94	80	ESE 3	S 2	5	10	10	
11	498	531	38°	38°	34°	39°	192	204	83	87	SE 3	SE 1	10	10	10	
12	534	545	37°	35°	34°	39°	186	168	84	81	SE 2	ESE 3	10	10	10	
13	560	531	33°	30°	27°	34°	152	177	93	97	Calm	Calm	0	7	114	☉ 9p.
14	480	485	29°	32°	27°	34°	152	177	93	97	Calm	Calm	0	8	114	☉ a.
15	430	241	28°	40°	27°	46°	148	230	97	91	Calm	WSW 1	10	8	170	
16	019	109	43°	38°	35°	45°	269	200	97	87	W 1	N 2	10	8	243	☉ a.
17	240	027	29°	38°	27°	45°	143	213	90	93	Calm	Calm	0	1	4	☉ a.
18	000	120	30°	36°	28°	42°	165	196	98	91	Calm	E 3	0	9	10	☉ a.
19	392	558	34°	28°	27°	41°	187	132	93	86	Calm	SE 2	8	5	10	☉ a.
20	617	634	22°	23°	20°	33°	107	117	91	91	Calm	Calm	0	0	10	☉ a.
21	665	601	20°	20°	18°	34°	094	115	86	90	NE 1	Calm	0	10	10	☉ a.
22	484	533	28°	24°	17°	29°	100	115	86	90	NE 1	Calm	0	10	10	☉ a.
23	545	30°506	27°	27°	22°	28°	128	146	83	100	SW 1	Calm	0	10	10	☉ a.
24	30°280	29°953	33°	36°	26°	37°	155	178	79	82	SE 3	ESE 4	10	10	10	
25	29°910	30°130	36°	37°	34°	39°	195	197	90	89	SSE 3	SE 3	10	10	10	
26	30°190	151	35°	38°	34°	41°	171	192	83	83	SSW 3	SSE 4	10	10	10	
27	30°104	30°037	40°	44°	37°	45°	208	254	84	87	S 4	SSE 3	10	10	10	
28	29°916	29°796	44°	46°	43°	48°	239	251	82	80	S 5	SSE 4	10	10	10	
29	772	652	45°	48°	44°	49°	279	308	92	92	SSE 2	SW 2	8	1	10	
30	651	29°931	46°	41°	41°	54°	289	221	91	85	SW 3	SW 2	8	1	10	
31	29°997	30°063	45°	46°	40°	50°	265	265	88	85	S 3	SSW 4	10	10	10	
Means	30°240	30°245	37°	38°	34°	43°	207	209	89°	87°	1°	2°	8°	8°	1°	1°

DUBLIN.

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

JANUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	54°	52°	56°	ins.	ins.	84	80	SW 5	SW 8	5	2	ins.	Squally ☉ p. Lunar ☉ Midnt.
2	29°693	29°599	54°	54°	52°	56°	354	337	84	80	WSW 5	WSW 5	2	1	085	Squally a. and p.
3	29°960	30°126	41°	42°	40°	48°	196	219	76	80	WSW 3	SW 3	3	3	10	
4	30°366	30°323	41°	46°	40°	48°	226	227	86	74	WSW 3	SW 3	3	3	10	
5	291	261	50°	49°	45°	51°	290	296	80	85	SSW 2	SW 2	8	6	10	Very fine and summerlike p.
6	270	329	49°	46°	45°	51°	314	276	90	90	S 3	SE 2	6	5	10	Very fine and mild.
7	452	526	47°	46°	44°	49°	295	293	91	94	ESE 1	S 1	10	10	10	☉ a. and p.
8	601	632	45°	40°	38°	46°	275	236	92	95	Calm	SE 1	7	7	10	☉ a. ☉ p.
9	552	491	42°	39°	39°	43°	220	192	81	78	SSE 1	SSE 3	10	10	10	Very dull p. Cold.
10	434	421	40°	35°	34°	42°	204	184	82	90	S by E 2	Calm	0	10	4	☉ p.
11	518	530	39°	38°	32°	40°	213	183	89	80	S by E 1	SSE 2	10	10	10	
12	541	551	40°	40°	38°	42°	196	212	79	85	SE 3	SE 2	10	9	10	
13	579	582	37°	37°	36°	40°	166	181	75	82	SE by S 2	SSE 1	10	10	10	
14	557	510	35°	35°	35°	37°	176	163	84	79	WNW 2	NW 2	10	0	10	
15	459	475	34°	38°	30°	39°	172	202	86	86	WNW 2	WNW 1	4	10	10	☉ or ☉

DUNROBIN.

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

FEBRUARY 1880.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	47°	44°	49°	ins.	ins.	95	95	S	S	—	—	ins.	
2	29°910	29°909	45°	47°	44°	49°	294	294	97	97	S	S	—	—	—	Cold winds.
3	29°856	29°842	45°	45°	43°	52°	281	281	92	96	SW	SW	—	—	—	Cold winds.
4	29°057	29°083	49°	38°	38°	55°	284	284	81	96	SW	SW	—	—	—	Mild.
5	29°071	29°095	46°	48°	38°	52°	292	300	93	90	SW	SW	—	—	—	Cold westerly winds.
6	29°666	29°677	43°	38°	38°	48°	245	230	87	100	W	SW	—	—	—	Cold winds.
7	29°553	29°557	42°	44°	33°	45°	235	205	85	90	S	SW	—	—	—	
8	29°114	29°322	41°	39°	34°	47°	233	228	91	95	W	NW	—	—	—	
9	29°254	29°417	37°	32°	32°	45°	194	164	87	90	SW	NW	—	—	—	Mild.
10	29°465	29°327	36°	31°	29°	41°	195	239	90	92	NE	E	—	—	—	
11	29°289	29°478	41°	39°	39°	44°	240	215	93	89	W	SW	—	—	—	Mild.
12	29°644	29°531	38°	42°	31°	43°	184	219	80	81	NW	SE	—	—	—	
13	29°475	29°641	41°	38°	31°	46°	232	208	88	90	S	SW	—	—	—	
14	29°891	29°847	37°	39°	30°	49°	176	218	79	91	NW	NW	—	—	—	
15	29°540	29°673	42°	36°	36°	45°	233	214	87	100	SE	N	—	—	—	Fresh breeze.
16	29°694	29°490	37°	42°	33°	44°	204	233	91	87	E	E	—	—	—	
17	29°251	29°911	42°	41°	39°	43°	207	242	97	93	E	E	—	—	—	Stormy from E., blowing half a gale.
18	29°854	29°978	43°	39°	36°	45°	245	237	87	99	SE	SE	—	—	—	Wind moderated. Sea still rough.
19	29°666	29°940	38°	43°	37°	45°	216	260	93	92	NW	E	—	—	—	
20	29°751	29°725	38°	43°	38°	47°	231	262	98	93	NE	NE	—	—	—	Mild.
21	29°821	29°105	43°	44°	39°	50°	243	257	89	89	NW	NW	—	—	—	Mild.
22	29°359	29°715	44°	46°	41°	50°	276	253	95	82	N	N	—	—	—	
23	29°962	29°067	42°	42°	42°	47°	241	252	89	93	N	N	—	—	—	
24	29°104	29°170	40°	40°	34°	44°	213	235	86	94	NW	NW	—	—	—	
25	29°213	29°180	41°	43°	36°	47°	239	260	92	93	NE	N	—	—	—	Dull and mild.
26	29°948	29°547	47°	47°	43°	49°	281	303	87	94	SW	S	—	—	—	Dull and mild.
27	29°517	29°690	36°	34°	33°	40°	200	156	92	78	SE	NE	—	—	—	* showers a. Wind and p.
28	29°593	29°953	35°	38°	32°	44°	185	210	90	92	W	SW	—	—	—	
29	29°122	29°022	39°	39°	38°	49°	203	228	84	95	W	SW	—	—	—	
30	29°081	29°799	42°	48°	39°	49°	227	272	85	81	SW	SW	—	—	—	
Means	29°514	29°482	41°	41°	36°	47°	234	241	89	91	—	—	—	—	1°340	

BRAEMAR.

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

FEBRUARY 1880.

1	29°077	29°060	42°	45°	42°	46°	237	244	88	81	SW	4	SW	6	7	9	—	
2	29°931	29°117	44°	40°	39°	48°	244	215	83	89	SW	0°5	SW	1	7	4	—	Very fine.
3	30°127	30°008	41°	40°	39°	47°	220	226	84	89	SW	1	SW	1	6	8	—	Very fine.
4	30°042	29°875	43°	44°	39°	48°	261	216	93	75	SW	0°5	SW	7	8	3	—	Very fine.
5	29°664	29°807	40°	35°	35°	44°	219	183	88	87	SW	4	SW	1	7	3	—	* on the hills.
6	29°597	29°060	36°	38°	35°	42°	174	210	81	92	SW	3	SW	8	6	10	—	
7	29°217	29°331	37°	36°	35°	42°	180	187	80	87	S	4	SW	1	9	8	—	* a.
8	29°232	29°474	34°	28°	28°	39°	159	134	78	86	W	1	W	0°5	6	0	—	
9	29°487	29°332	19°	34°	19°	36°	093	170	86	85	NE	0°5	SE	0°5	3	10	—	Fair a. * p.
10	29°303	29°568	34°	33°	33°	39°	191	174	96	89	NE	0°5	SW	0°5	9	8	—	
11	29°715	29°625	31°	36°	29°	38°	156	174	87	80	S	1	S	8	0	2	—	
12	29°516	29°636	35°	35°	35°	39°	202	183	96	87	S	4	SW	4	10	7	—	
13	29°944	29°962	34°	37°	29°	41°	154	144	76	87	SW	2	SW	1	3	2	—	
14	29°546	29°658	34°	36°	28°	39°	182	198	90	91	SE	4	S	1	10	9	—	
15	29°680	29°458	35°	36°	33°	39°	197	179	95	83	S	1	SE	10	9	9	—	
16	29°221	29°724	38°	37°	35°	40°	224	205	98	91	SE	1	E	8	0	10	—	
17	29°866	29°951	37°	38°	37°	42°	199	196	89	84	SE	1	SE	4	8	6	—	
18	29°010	29°914	40°	39°	34°	45°	218	204	89	84	S	2	S	2	7	9	—	
19	29°743	29°747	42°	41°	38°	45°	229	220	86	84	S	4	S	4	7	9	—	
20	29°861	29°137	41°	39°	39°	44°	217	190	83	78	SW	3	SW	3	6	6	—	
21	29°375	29°624	39°	39°	38°	45°	207	219	85	90	SW	4	N	3	7	8	—	
22	29°887	29°019	37°	37°	36°	42°	190	208	86	93	NE	1	NE	1	6	8	—	
23	29°114	29°171	35°	34°	34°	42°	202	188	96	93	NE	0°5	S	1	6	8	—	
24	29°274	29°225	32°	38°	31°	43°	169	206	93	87	SE	0°5	SW	2	3	8	—	
25	29°041	29°682	43°	43°	38°	46°	226	237	81	84	SW	4	SW	4	6	7	—	
26	29°590	29°735	31°	29°	27°	43°	147	128	84	81	NE	6	N	8	10	10	—	
27	29°615	29°060	34°	43°	29°	45°	169	241	92	85	SW	2	SW	2	7	8	—	* and +.
28	29°155	29°107	37°	39°	37°	44°	142	188	84	78	NW	2	NW	2	6	10	—	Soft and damp air.
29	29°102	29°949	42°	43°	39°	49°	228	229	85	79	SW	4	SW	6	8	7	—	
Means	29°546	29°511	37°	37°	34°	43°	194	196	86	85	—	—	—	—	2°3	3°5	6°4	4°710

LAUDALE.

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

FEBRUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	48°	50°	44°	50°	in.	in.	%	%					ins.	
2	30°001	29°949	48°	50°	44°	50°	309	358	93	99	SW	5	SW	4	10	1°160
3	29°930	29°930	50°	47°	44°	50°	348	315	97	98	SW	4	SW	1	10	3
4	30°150	30°072	45°	47°	44°	48°	280	314	94	95	Calm	0	S	6	8	10
5	30°041	29°833	50°	49°	43°	50°	334	341	93	97	S	6	S	6	10	1°240
6	29°732	29°834	43°	43°	41°	49°	263	255	92	92	SW	4	SW	4	8	10
7	29°553	29°931	48°	47°	38°	47°	267	212	94	66	S	5	S	7	10	1°400
8	29°218	29°269	44°	41°	39°	47°	223	233	77	91	SW	6	SW	4	9	8
9	29°291	29°442	37°	34°	32°	42°	217	195	96	98	SW	3	Calm	0	7	0
10	29°385	29°187	35°	41°	31°	41°	164	196	80	76	S	6	E	3	7	10
11	29°670	29°446	41°	43°	33°	47°	208	233	79	82	S	2	ESE	4	0	5
12	29°467	29°595	41°	40°	37°	42°	215	211	87	79	ESE	1	ESE	6	2	10
13	29°748	29°748	41°	40°	37°	42°	215	222	84	90	ESE	2	SSW	2	3	6
14	29°407	29°647	44°	41°	38°	46°	259	222	84	90	ESE	2	SSW	2	3	6
15	29°596	29°268	37°	34°	36°	39°	214	172	92	67	SW	1	SW	6	8	8
16	29°107	29°533	44°	41°	34°	44°	241	242	89	94	S	7	S	2	10	5
17	29°739	29°839	43°	45°	40°	45°	214	194	96	98	S	1	S	4	2	10
18	29°917	29°749	42°	45°	41°	47°	252	82	98	S	ESE	4	ESE	6	9	10
19	29°717	29°742	47°	47°	42°	49°	262	266	91	89	SSE	4	SSE	6	10	7
20	29°869	29°176	46°	46°	44°	47°	257	252	81	89	SSE	4	SSE	6	10	5
21	29°453	29°658	44°	44°	41°	46°	257	250	83	81	W	2	W	5	7	6
22	29°883	29°983	45°	42°	32°	47°	232	250	87	85	SW	4	SW	1	10	8
23	30°110	30°144	38°	41°	35°	47°	205	211	78	79	N	1	N	1	4	10
24	29°272	29°288	38°	46°	34°	46°	216	226	88	87	Calm	0	Calm	0	10	7
25	30°167	29°780	46°	48°	36°	48°	216	269	95	87	Calm	0	WSW	5	10	10
26	29°688	29°847	39°	39°	35°	48°	206	283	87	85	WSW	7	WSW	8	10	10
27	29°657	29°936	35°	41°	35°	48°	166	222	71	94	NW	8	NW	7	9	5
28	29°273	29°134	42°	43°	34°	48°	204	235	99	92	SE	2	NNW	7	8	10
29	29°100	29°999	49°	47°	36°	49°	284	200	75	92	NNW	4	NNW	6	2	10
30	29°538	29°480	42°	43°	37°	46°	241	282	81	88	NNW	5	NNW	5	10	8
Means	29°538	29°480	42°	43°	37°	46°	241	248	86°	87°	3°	4°	7°	8°	11°	560

GLENALMOND.

Height above Mean Sea Level, 529 feet. Long. 3° 40' W. Lat. 56° 27' N.

FEBRUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	44.6	43.1	46.1	ins.	ins.	83	82	SW 3	SW 1	10	10	ins.	Stormy.
2	30.053	30.051	44.8	44.6	43.1	46.1	24.5	26.9	83	82	SW 1	SW 1	10	0	0.018	☁ p.
3	30.052	30.051	44.9	44.6	43.2	46.1	24.5	26.9	83	82	SW 1	SW 1	10	0	0.018	☁ p.
4	30.136	29.985	43.9	41.4	41.1	48.0	27.1	23.8	95	91	SW 1	Calm	10	0	0.260	
5	29.716	28.85	41.2	36.1	34.7	47.7	23.7	19.4	92	91	Calm	Calm	8	5	0.015	
6	29.708	29.69	37.3	41.5	34.3	42.5	20.9	23.0	94	89	SW 1	SW 1	8	10	0.251	
7	29.888	29.88	40.1	36.2	35.4	45.0	20.2	20.8	81	97	SW 3	Calm	7	10	0.539	
8	29.202	29.483	40.8	29.8	29.6	43.9	17.9	14.4	70	86	SW 1	Calm	2	0	—	Bright, sunny day.
9	29.474	29.265	29.1	35.8	25.2	36.7	16.8	20.3	98	97	Calm	Calm	10	10	0.189	
10	29.323	29.548	37.1	33.7	32.4	40.9	21.7	18.0	98	92	Calm	Calm	10	5	—	
11	29.739	29.662	30.8	33.7	29.5	42.2	15.2	16.3	88	84	Calm	Calm	0	0	0.229	☁ ga. and 9p.
12	29.539	29.691	37.2	36.4	32.0	44.6	20.5	19.7	95	95	Calm	Calm	0	0	0.025	Bright day. ☁ 9p.
13	29.980	29.982	36.0	29.9	29.9	44.7	17.3	14.2	81	85	SW 1	Calm	0	0	0.010	Sunny day. ☁ at night.
14	29.600	29.682	34.7	36.0	29.9	42.5	18.8	20.6	93	97	Calm	Calm	0	0	0.109	☁ ga. and 9p. Bright p.
15	29.711	29.426	35.5	38.5	35.5	40.0	20.1	20.4	97	88	Calm	SW 3	10	10	0.092	☁ p.
16	29.216	28.662	40.4	42.0	32.7	43.1	24.0	26.5	96	99	E 2	ESE 3	10	10	0.535	
17	28.868	29.040	36.1	37.5	35.1	44.7	19.4	19.7	91	88	Calm	Calm	0	5	0.242	☁ in afternoon. ▲
18	29.028	28.878	40.0	41.0	34.4	43.7	23.9	25.7	97	100	Calm	Calm	0	9	0.604	☁ a. and fine ●
19	28.804	28.806	44.0	43.3	40.9	46.1	25.7	26.9	89	96	SW 2	WSW 2	10	10	0.179	
20	28.908	29.193	43.1	41.3	40.8	49.8	25.6	20.4	92	79	SW 2	WSW 3	7	9	—	Fine, bright day.
21	29.412	29.664	43.2	42.0	38.8	49.8	21.3	22.5	77	85	SW 3	WSW 3	7	9	—	
22	29.870	30.018	41.9	39.8	38.5	46.6	19.1	21.5	73	88	WSW 3	N 1	9	10	0.203	
23	30.120	30.177	39.1	35.5	34.8	39.9	23.7	18.0	99	86	NNW 3	Calm	0	7	0.002	☁ a. and p.
24	29.78	30.288	35.7	41.0	32.8	49.0	19.4	21.3	93	83	Calm	WSW 1	10	10	—	Bright, clear day.
25	30.138	29.797	43.2	46.5	37.2	48.6	25.3	23.7	91	85	SW 2	WNW 2	10	10	0.043	
26	29.621	29.761	38.9	35.0	30.8	46.9	14.3	13.3	67	65	NW 5	N 2	2	2	—	☁ ga. ● ☁ at night.
27	29.677	29.161	36.1	46.5	38.3	47.0	16.7	27.0	78	87	W 1	W 4	6	6	0.040	
28	29.173	29.184	46.5	42.0	41.2	48.7	27.0	22.5	87	85	W 4	WSW 5	2	2	0.031	☁ before ga. ☁ 9p.
29	29.146	29.016	43.0	45.8	41.1	51.3	21.5	25.0	78	81	WSW 3	WSW 5	2	2	0.105	
Means	29.588	29.554	39.5	39.2	35.1	45.4	21.4	21.5	87.6	88.5	1.5	1.1	7.7	6.3	3.873	

ROTHESAY.

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

FEBRUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	30.079	30.055	46.1	45.4	43.1	50.4	26.8	28.3	86	94	SW	W	—	—	0.070	Dull a. Clear p.
2	30.017	29.222	47.5	39.6	39.1	48.9	30.9	23.3	95	96	SW	Calm	—	—	—	
3	29.268	30.103	39.6	43.1	35.7	46.0	23.3	26.9	96	97	E	SW	—	—	0.085	
4	30.129	29.935	45.3	45.3	42.1	46.9	30.2	28.2	100	93	SSW	S	—	—	0.093	
5	29.793	28.884	42.7	41.7	40.1	48.9	24.1	22.4	88	86	WNW	SW	—	—	—	Sky half clear. Blowy.
6	29.659	29.079	40.7	44.6	38.6	45.0	23.3	28.5	92	97	SE	S	—	—	0.465	Dull and blowy.
7	29.348	29.205	43.1	42.6	40.1	49.2	20.5	25.3	74	93	SW	Calm	—	—	0.380	
8	29.347	29.494	37.1	32.0	31.7	45.0	20.7	17.2	94	95	W	Calm	—	—	0.105	Cloudy and blowy.
9	29.384	29.227	34.0	38.1	30.2	40.0	16.8	19.1	85	83	NE	E	—	—	0.005	Cloudy and blowy.
10	29.339	29.564	39.1	40.1	34.2	45.0	21.9	21.7	92	88	S	W	—	—	0.370	Sky half clear. Blowy.
11	29.736	29.552	39.1	39.1	30.7	44.0	21.9	20.0	92	84	S	E	—	—	0.045	
12	29.545	29.728	42.1	39.6	38.6	46.9	20.8	20.4	78	84	SW	SW	—	—	0.105	
13	30.041	29.861	38.4	38.1	36.7	48.9	21.2	16.7	92	73	W	E	—	—	0.025	
14	29.484	29.678	42.4	38.6	38.1	48.4	25.6	22.4	95	96	SSE	Calm	—	—	0.130	Cloudy. Gale p.
15	29.661	29.260	40.6	42.1	35.7	45.5	21.4	20.8	85	78	SE	SE	—	—	0.116	Cloudy. Gale p.
16	29.101	28.521	44.4	44.6	39.1	46.0	24.8	28.5	85	97	ESE	SE	—	—	0.140	
17	28.840	29.032	43.1	43.6	40.6	47.9	23.7	24.2	85	85	SE	SE	—	—	0.500	
18	29.997	29.837	43.1	45.6	39.1	48.4	20.5	20.7	95	97	SE	S	—	—	0.200	Dull, blowy and wet.
19	29.815	28.815	46.1	44.1	43.1	48.9	27.5	26.9	89	93	S	SSW	—	—	0.033	
20	29.990	29.298	44.6	44.1	42.6	47.4	27.3	25.8	93	89	SW	W	—	—	0.080	
21	29.514	29.788	42.7	40.1	38.7	47.2	24.6	24.2	89	97	W	Calm	—	—	—	
22	29.891	30.018	42.1	40.1	37.1	50.4	22.8	20.8	85	84	NE	NE	—	—	—	Mild.
23	30.123	29.184	41.1	40.6	38.1	45.4	23.0	24.4	89	97	E	Calm	—	—	0.020	Cloudy and mild.
24	29.318	30.368	40.6	44.3	37.1	47.9	24.4	25.5	97	88	SW	W	—	—	0.270	Dull with ∞.
25	30.231	29.901	44.1	45.1	42.6	46.0	28.7	27.9	99	93	W	W	—	—	0.066	Fierce blasts. ▲ ☁.
26	29.695	29.881	36.0	37.1	35.2	46.0	19.5	20.1	92	91	NW	NW	—	—	0.195	Stormy and wet.
27	29.695	29.294	41.6	46.4	34.2	46.9	23.3	31.1	89	98	W	W	—	—	0.455	
28	29.301	29.278	43.1	45.1	42.1	48.4	22.7	29.1	81	97	NW	SW	—	—	0.150	Cloudy and mild.
29	29.265	29.106	46.6	47.8	43.6	49.9	31.8	27.0	100	81	SW	SW	—	—	—	
Means	29.607	29.560	42.0	42.0	38.2	47.1	24.1	24.4	90.1	90.5	—	—	—	—	4.108	

SCALEBY.

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

FEBRUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	44.7	42.8	41.7	52.0	ins.	ins.	82	92	SW	3	Calm	0	6	1	ins.
2	30.141	30.181	44.7	42.8	41.7	52.0	24.2	25.1	82	92	SW	3	Calm	0	6	1	0.050
3	.091	.222	41.3	45.8	40.0	46.0	25.1	30.6	97	99	NW	2	W	1	10	10	.110
4	.299	.265	42.8	41.6	38.0	50.5	27.1	26.1	99	99	SW	1	SW	2	8	0	.030
5	30.196	30.063	44.8	46.8	38.5	53.0	28.9	26.0	98	81	SW	1	SW	1	3	0	.130
6	29.803	29.936	43.3	33.8	33.0	47.0	26.7	18.2	96	93	SW	3	Calm	0	10	0	.050
7	.747	.278	35.6	43.8	30.3	44.3	15.4	23.9	74	84	SE	4	SW	8	4	10	.060
8	.430	.252	44.3	42.8	42.0	50.0	23.4	27.3	80	99	SW	7	SW	2	0	10	.130
9	.317	.519	38.3	32.8	32.8	46.5	23.0	17.4	99	93	W	2	Calm	0	2	0	Squalls before ga.
10	.360	.133	34.8	39.8	30.5	40.0	18.0	24.3	89	99	E	5	E	1	10	10	.180
11	.367	.549	37.7	37.3	36.0	44.8	21.8	22.1	97	99	W	1	W	2	10	0	—
12	.760	.664	34.6	37.3	33.2	38.0	19.8	20.7	99	93	SE	2	SW	4	10	0	.030
13	29.626	.746	41.6	40.3	36.2	46.0	22.3	21.7	89	88	SW	3	W	4	6	10	—
14	30.068	.964	35.6	35.8	33.0	45.0	19.0	18.8	92	90	SW	2	Calm	0	0	0	.010
15	29.568	.687	40.3	41.8	35.0	47.0	23.3	24.0	94	92	E	6	W	2	10	0	Squally a.
16	.675	29.362	42.3	41.8	35.8	46.0	23.6	24.0	88	92	E	2	E	5	3	10	.030
17	29.144	28.682	44.6	46.6	39.5	48.2	26.3	27.3	89	87	NE	4	SE	6	7	10	.100
18	28.886	29.038	39.8	43.8	38.0	49.2	23.2	23.9	96	84	SE	2	SW	4	7	5	Squally a. and p.
19	29.033	29.037	45.6	47.0	41.5	47.8	25.8	31.6	85	98	E	4	SW	6	10	7	.070
20	28.928	28.878	47.0	47.3	40.5	50.5	29.0	28.7	91	89	SW	5	SW	4	10	10	Squally before ga.
21	29.016	29.321	46.3	42.1	41.3	46.8	28.0	25.5	90	95	SW	7	SW	4	10	0	.120
22	.545	.683	40.8	38.8	37.5	47.1	24.1	21.4	96	91	SW	4	Calm	0	3	10	Squally a.
23	29.750	29.970	42.6	42.6	45.0	45.0	25.3	24.9	93	91	N	5	N	3	10	10	.130
24	30.100	30.177	38.8	39.3	35.2	43.0	21.4	23.8	91	99	NE	2	E	2	4	10	—
25	.286	30.558	33.8	39.8	30.8	44.5	19.2	23.8	99	98	E	2	SW	3	10	7	—
26	30.306	29.952	42.6	44.8	38.2	45.0	25.3	25.0	93	84	SW	4	SW	7	10	10	.280
27	29.724	.815	38.8	34.8	34.0	44.8	19.6	17.6	83	87	SW	6	W	3	8	0	Squally a.
28	.712	.316	38.8	46.0	33.8	46.0	23.4	29.2	99	94	W	4	SW	8	10	9	.070
29	.257	.393	45.8	45.8	43.5	49.2	26.0	27.7	85	91	SW	5	SW	7	5	10	Squally p.
30	29.394	29.225	43.0	49.3	44.8	49.3	25.3	30.5	91	88	SW	10	SW	10	10	10	.020
Means	29.636	29.609	41.0	41.8	37.0	46.6	23.6	24.5	91.5	92.0	3.7		3.4	7.1	5.8	1.8	.830

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

DOUGLAS, ISLE OF MAN.

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

FEBRUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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'	45°0'	45°0'	46°7'	in.	in.	%	%	SW	3			9	10	ins.	☼ 0 all day.
2	30°189	30°161	46°3'	45°0'	45°0'	46°7'	295	295	95	92	SW	3			9	10	°060	
3	113	259	45°5'	46°0'	44°7'	47°0'	303	311	100	100	W	3	W	1	10	10	°060	☼ 0 all day.
4	315	271	44°0'	43°8'	43°0'	46°0'	288	271	100	96	SSW	2	SSW	2	10	10	°060	
5	30°213	30°056	46°2'	45°3'	43°2'	46°3'	304	272	98	90	W	3	SSW	4	10	10	°361	a.
6	29°856	29°958	44°1'	32°4'	32°4'	46°6'	278	176	96	96	NW	2	WNW	1	9	0	°005	p.
7	722	267	40°6'	45°0'	31°5'	45°0'	234	282	93	94	SE	1	S	8	10	10	°149	noon.
8	464	171	45°0'	42°5'	41°5'	49°5'	255	268	86	98	SW	4	ENE	5	10	10	°760	
9	397	513	43°2'	36°7'	34°3'	44°6'	237	204	89	94	NNW	3	Calm	0	8	7	°099	▲ 2 ● 2 op.
10	223	141	39°4'	39°7'	35°5'	41°2'	218	232	91	95	E	7	N	1	10	10	°160	
11	359	582	39°6'	37°6'	33°7'	48°0'	233	219	96	98	Calm	0	Calm	0	10	0	—	a. p.
12	744	627	36°9'	43°6'	30°0'	47°4'	200	232	92	82	Calm	0	SSE	6	3	4	2°15	a. p.
13	29°613	28°28	43°0'	39°8'	36°2'	46°2'	232	199	83	81	WSW	3	SW	5	3	1	—	
14	30°079	28°70	41°3'	41°8'	35°5'	46°4'	217	225	84	85	N	1	SE	5	1	4	°120	p.
15	29°540	29°709	45°4'	38°9'	38°0'	49°0'	288	233	96	99	SSW	4	NW	2	10	4	°010	
16	29°630	29°193	41°0'	43°0'	29°8	43°0'	235	264	92	95	E	4	ESE	7	4	10	°120	
17	28°970	28°626	43°5'	44°9'	42°6'	46°6'	267	254	94	86	E	6	SSW	8	10	9	°238	
18	28°865	28°96	44°0'	42°9'	41°3'	48°8'	265	271	92	99	S	2	SE	6	4	10	°337	
19	29°050	29°943	45°9'	47°7'	42°9'	48°1'	300	326	98	99	WSW	4	S	6	8	10	°277	
20	28°911	28°876	46°5'	46°2'	44°8'	49°4'	304	304	96	98	SSE	5	SSW	6	10	10	°094	
21	29°077	29°385	46°8'	44°6'	44°0'	49°4'	284	258	89	88	WSW	4	WSW	4	9	8	°005	
22	595	695	43°0'	37°8'	37°0'	47°0'	247	210	89	93	W	3	Calm	0	2	3	—	p.
23	29°800	29°911	44°3'	43°3'	35°7'	48°5'	260	254	89	91	NNW	1	NE	4	5	9	°010	
24	30°091	30°176	37°9'	39°7'	31°8'	49°0'	221	184	97	94	NNE	1	Calm	0	10	0	—	
25	310	428	38°9'	40°8'	30°0'	47°0'	233	237	99	94	NW	1	NW	1	9	4	—	a.
26	30°379	30°067	43°0'	44°6'	38°4'	46°7'	251	258	90	88	WSW	2	WSW	6	9	8	°175	
27	29°858	29°939	42°1'	37°0'	36°5'	46°2'	196	200	73	91	NW	10	NW	6	5	7	°188	▲ ● at intervals.
28	799	462	41°6'	46°7'	36°0'	47°0'	236	289	90	91	W	5	WSW	6	9	7	°100	
29	792	433	46°9'	47°2'	45°3'	50°1	288	275	91	86	W	5	W	6	6	7	°010	
30	29°408	29°253	49°0'	46°8'	46°4'	49°8	305	301	88	94	SW	5	SSW	6	7	10	°065	
Means	29°654	29°610	43°2	42°3	38°2	47°1	258	251	91°9	92°7		3°2		4°0	7°3	7°0	3°678	

WAKEFIELD.

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

FEBRUARY 1880.

1	30° 29' 1	30° 24' 0	31° 6' 4	41° 9' 28'	56° 6' 1	'178	'231	100	87	SE	1	SE	1	10	2	—	∞ ⁰ or $\frac{1}{2}$ or $\frac{3}{4}$ ga.—11a, then very fine
2	'207	'285	40° 1' 45'	45° 4' 30'	51° 0' 51'	'321	'299	89	98	SSW	1	N	1	10	10	—	
3	'373	'330	41° 9' 43'	44° 0' 40'	54° 2' 204	'275	99	98	98	SW	1	SW	1	10	4	—	
4	'282	30° 20' 1	42° 2' 42'	37° 8' 34'	54° 0' 265	'281	98	97	97	SSW	1	SSW	1	7	2	—	
5	30° 037	20° 97' 1	47° 2' 37'	36° 6' 48'	'231	'219	72	99	99	SW	4	NW	3	8	4	—	Wind variable, SSE to W ga.
6	20° 840	'528	35° 7' 45'	27° 6' 47'	'208	'269	99	90	90	SSE	2	SW	3	10	10	—	$\frac{1}{2}$ ga.
7	'577	'283	44° 4' 47'	43° 8' 51'	'321	90	99	90	90	S	2	SSE	3	4	10	'160	
8	'381	'559	42° 2' 37'	36° 0' 49'	'261	'205	96	92	92	WSW	3	W	1	8	2	'040	
9	'377	'084	35° 7' 43'	27° 6' 43'	'208	'273	99	98	98	W	2	SSE	2	10	10	'080	✱ ⁰ ● ⁰ 7a.
10	'417	'566	41° 0' 34'	33° 5' 45'	'321	'197	90	99	99	WNW	2	WSW	1	6	4	—	$\frac{1}{2}$ before ga.
11	'800	'791	33° 7' 35'	20° 4' 44'	'192	'203	99	97	97	SW	1	S	1	8	5	'040	
12	20° 693	20° 840	39° 1' 40'	34° 0' 48'	'232	'225	97	91	91	ESE	1	SSE	1	9	10	'060	
13	30° 138	30° 04' 1	37° 5' 36'	35° 9' 45'	'213	'203	95	94	94	WSW	2	E	2	0	4	—	
14	20° 714	20° 773	40° 1' 43'	35° 0' 45'	'244	'262	98	93	93	SE	2	ESE	2	10	10	'060	
15	'754	20° 409	37° 5' 41'	34° 0' 44'	'223	'256	99	99	99	S	1	ESE	2	10	10	'200	
16	20° 129	28° 885	44° 2' 47'	40° 8' 49'	'286	'247	98	75	75	E	4	SW	3	10	10	'660	Threatening appearance ga.
17	28° 923	20° 136	37° 5' 42'	36° 4' 49'	'321	'240	98	88	88	SW	2	SSE	2	10	10	'030	
18	20° 178	'104	46° 2' 50'	42° 1' 53'	'285	'340	92	94	94	SSE	3	S	3	8	10	'050	
19	'053	'040	50° 2' 50'	47° 3' 54'	'284	'288	79	80	80	SSW	4	SSW	4	2	10	'130	
20	'169	'389	49° 4' 46'	46° 1' 53'	'293	'285	84	91	91	SW	6	W	5	5	8	'080	Rough and boisterous n.
21	'058	'670	44° 9' 38'	38° 2' 48'	'266	'219	90	93	93	SW	4	SW	4	7	0	'030	
22	20° 766	20° 911	40° 7' 40'	32° 8' 44'	'239	'242	94	97	97	W	2	ENE	1	10	10	'040	
23	30° 030	30° 204	38° 5' 39'	34° 0' 41'	'224	'210	96	86	86	NNW	1	ENE	1	1	10	—	
24	'308	'385	39° 1' 37'	36° 0' 46'	'213	'196	89	88	88	SW	1	WNW	2	10	2	—	
25	30° 354	30° 020	42° 7' 44'	35° 8' 45'	'241	'228	88	77	77	WSW	2	WNW	7	10	0	'090	Rough and boisterous sp.
26	20° 758	20° 824	42° 5' 38'	37° 2' 46'	'205	'191	76	83	83	WNW	6	W	5	2	1	—	Rough and wild n.
27	'803	'503	40° 7' 44'	36° 0' 45'	'215	'267	85	92	92	W	5	W	5	6	9	'030	Rough and boisterous day.
28	'314	'482	43° 2' 47'	43° 2' 51'	'219	'273	79	85	85	W	5	W	6	8	0	—	
29	20° 472	20° 386	48° 4' 49'	46° 0' 52'	'321	'290	94	84	84	W	4	W	5	10	10	—	Wild and rough n.
Means	20° 717	20° 684	41° 3' 42° 5'	36° 7' 48° 8'	'240	'249	91° 8'	91° 2'		2° 6'		2° 7'	7° 6'	6° 4'	1° 780		

KELSTERN.

Height above Mean Sea Level, 388 feet. Long. $0^{\circ} 7' W.$ Lat. $53^{\circ} 24' N.$

FEBRUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	36°	30°	50°	in.	in.	%	%					ins.		
2	30° 32.8	30° 29.6	33° 0	36° 0	30° 5	50° 2	188	204	100	93	SW	1	SW	2	0	0	—
3	263	338	33° 0	38° 3	31° 9	43° 2	173	230	92	90	SW	2	SW	2	7	10	010
4	404	373	38° 4	40° 0	36° 9	43° 3	232	247	100	100	S	1	SW	1	10	10	008
5	351	30° 25.2	40° 1	35° 0	34° 5	44° 2	248	204	100	100	S	3	SSW	3	10	0	015
6	30° 03.8	29° 07.3	31° 7	38° 5	30° 1	42° 4	172	233	96	100	SSW	3	SW	1	1	10	140
7	29° 8.57	31.2	40° 3	41° 3	37° 1	43° 7	250	234	100	91	S	3	S	8	10	1	055
8	637	401	44° 7	44° 3	39° 7	47° 4	284	292	96	100	SSW	3	SSE	7	10	10	114
9	426	601	40° 3	34° 0	34° 0	46° 4	227	184	92	93	WSW	2	Calm	0	10	1	017
10	435	110	36° 2	40° 7	30° 0	42° 0	209	243	98	96	SE	4	ESE	6	10	10	233
11	408	590	38° 5	32° 6	32° 0	47° 5	223	174	96	94	W	3	Calm	0	7	0	—
12	749	833	36° 6	34° 1	31° 5	41° 2	217	190	100	97	NE	1	NW	1	8	8	070
13	29° 73.4	29° 88.8	34° 5	36° 0	30° 1	46° 4	199	193	100	92	S	3	WSW	1	10	1	025
14	30° 15.4	30° 12.0	34° 0	33° 1	30° 9	44° 8	176	163	89	87	WSW	2	SSW	2	0	0	—
15	29° 81.2	29° 82.4	39° 2	39° 1	32° 6	44° 7	206	238	86	100	SSE	7	S	3	10	10	244
16	793	29° 50.0	40° 3	40° 2	38° 0	43° 4	238	244	96	98	SSE	2	SE	6	9	10	144
17	29° 20.0	28° 96.5	42° 9	44° 3	39° 6	48° 4	274	242	99	83	SE	4	SSW	5	10	1	540
18	28° 88.3	29° 23.2	35° 9	40° 2	35° 9	45° 4	208	224	99	90	NNW	4	S	4	10	1	085
19	29° 25.7	230	44° 2	46° 3	38° 0	50° 7	271	299	94	96	S	4	S	6	9	10	275
20	151	126	46° 0	46° 0	44° 5	52° 4	278	285	90	92	SW	4	SW	5	4	1	—
21	227	387	46° 0	42° 9	42° 9	51° 3	260	250	85	91	SW	6	W	3	1	4	017
22	665	746	42° 4	36° 3	36° 3	50° 6	244	208	91	97	W	3	W	1	1	1	037
23	29° 77.5	29° 92.0	33° 8	34° 2	30° 8	48° 3	182	195	93	99	SW	1	Calm	0	2	0	—
24	30° 04.1	30° 17.3	38° 5	36° 3	32° 0	40° 1	233	206	100	96	ENE	2	NE	2	10	10	070
25	298	404	36° 9	33° 2	33° 2	40° 6	199	168	91	89	NE	1	NW	1	9	0	—
26	30° 37.9	30° 100	33° 8	41° 0	30° 1	45° 5	177	221	91	86	SW	1	WSW	4	8	10	—
27	29° 73.3	29° 80.5	42° 9	34° 7	34° 6	45° 6	230	168	83	83	WNW	4	NW	5	1	1	—
28	812	542	35° 3	39° 9	30° 1	42° 3	170	230	82	94	W	2	WSW	5	5	10	097
29	362	515	45° 0	43° 2	39° 0	52° 4	262	234	88	84	W	3	WSW	3	10	2	003
30	29° 47.9	29° 43.1	46° 8	46° 0	42° 0	52° 4	271	261	85	82	W	5	SW	5	9	9	002
Means	29° 747	29° 734	39° 0	38° 9	34° 8	46° 1	224	223	93° 5	93° 2		2° 9		3° 2	6° 9	4° 9	2° 201

LLANDUDNO.

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

FEBRUARY 1880.

1	30°22'S	30°18'E	48°2'	48°2'	44°0'	54°6'	*239	*241	71	72	S	1	WNW	1	0	0	—	Very fine and mild.	
2	*163	*287	47°0'	47°7'	45°0'	55°2'	*275	*289	86	88	SW	1	SW	0°6'	10	0	—	Very fine and mild.	
3	*342	*298	47°0'	43°5'	42°3'	54°0'	*275	*249	86	88	N	0°6'	W	0°6'	0	0	*010	Very fine and mild.	
4	30°25'S	30°12'E	48°3'	48°4'	43°0'	52°6'	*269	*253	80	75	SW	2	SW	3	10	0	*010		
5	29°59'S	29°07'S	49°3'	38°8'	37°6'	52°3'	*294	*210	84	90	W	4	W	0°6'	10	0	*050		
6	*770	*383	41°0'	47°0'	32°0'	47°0'	*233	*275	91	86	S	0°6'	SW	7	10	10	*027	Squally <i>gp.</i>	
7	*534	*126	47°3'	46°7'	42°8'	54°7'	*234	*293	72	92	SW	1	W	0°6'	9	10	*314		
8	*443	*547	42°0'	36°6'	36°0'	49°6'	*240	*193	91	90	SW	1	SW	0°6'	6	0	—	Very bright afternoon.	
9	*186	*121	39°4'	43°8'	35°4'	44°4'	*214	*268	89	94	NE	3	SE	0°6'	10	10	—		
10	*391	*614	42°8'	44°0'	39°8'	48°0'	*240	*261	88	90	WNW	0°6'	W	0°6'	10	0	—	Fine and mild.	
11	*773	*679	40°0'	40°8'	36°7'	48°0'	*207	*205	84	80	W	0°6'	W	2	0	0	*040	Very fine.	
12	29°07'S	*892	46°0'	41°3'	40°0'	48°5'	*224	*213	73	82	SW	1	W	2	0	0	*039		
13	30°13'S	*937	42°3'	42°4'	38°0'	48°3'	*203	*199	76	74	SW	1	SW	0°6'	0	10	*135		
14	29°06'S	*734	45°5'	43°0'	42°1'	50°7'	*274	*226	91	82	SW	2	W	0°6'	9	0	*040		
15	29°07'S	29°21'	39°3'	45°0'	36°1'	46°0'	*203	*254	85	85	SW	1	SE	4	0	10	*010	Squally <i>gp.</i>	
16	28°94'S	28°68'	45°5'	46°0'	42°7'	50°6'	*270	*220	89	72	SE	4	SW	9	10	0	*215	Squally <i>p.</i>	
17	28°93'S	28°037	45°5'	45°4'	39°4'	50°3'	*231	*258	77	86	SW	0°6'	SW	1	5	10	*230		
18	29°09'S	29°001	49°8'	50°3'	44°8'	52°5'	*269	*306	76	84	SW	1	W	4	0	9	*120	Squally <i>p.</i>	
19	28°07'S	28°936	50°9'	48°8'	46°7'	53°0'	*272	*276	74	80	SW	7	W	8	2	5	*200	Squally all day.	
20	29°15'S	29°434	48°2'	45°6'	45°0'	51°3'	*284	*269	85	88	SW	3	W	1	0	0	*040	Squally <i>a. and p.</i>	
21	*663	*741	44°7'	42°7'	42°4'	49°0'	*204	*238	89	86	W	1	W	1	9	0	—	Very fine.	
22	29°79'S	29°906	42°5'	43°0'	38°9'	45°4'	*257	*255	94	92	W	1	N	4	10	10	*080	☼ <i>p.</i>	
23	30°09'	30°174	41°8'	38°2'	37°4'	45°7'	*227	*207	86	90	E	0°6'	E	0°6'	10	10	—	☼ <i>a. and p.</i> Very fine day.	
24	*316	*439	37°2'	41°0'	34°0'	44°8'	*198	*216	89	84	SE	0°6'	N	E	0°6'	5	0	—	Very fine.
25	30°42'	30°213	43°2'	44°7'	38°7'	47°5'	*248	*249	89	84	W	1	W	3	10	10	*130		
26	29°95'S	29°072	43°4'	41°0'	38°9'	46°0'	*208	*204	74	80	NW	3	NW	4	9	2	*020	▲ ✱ ● early <i>a.</i>	
27	*858	*539	42°6'	46°0'	39°9'	46°6'	*234	*287	86	93	W	3	W	7	10	10	*050		
28	*447	*554	47°7'	47°8'	45°2'	51°0'	*283	*266	86	80	W	4	W	4	8	10	—		
29	29°50'S	29°333	51°0'	49°2'	46°5'	53°0'	*298	*273	80	78	W	3	W	7	3	9	—	Squally <i>gp.</i>	
Means	29°69'S	29°65'E	44°8'	44°4'	40°4'	49°7'	*247	*247	83°5'	84°3'		1°8'		2°7'	6°0'	4°6'	1°750		

BUXTON.

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

FEBRUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	42.0	41.1	32.6	47.4	.177	.234	68	91	NW 2	W 3	2	6	—	
2	—	—	37.1	43.1	32.1	46.1	.166	.263	75	94	W 2	WNW 1	7	10	.024	
3	—	—	40.6	45.0	30.2	46.4	.238	.280	94	94	NW 3	WNW 1	10	3	—	ga.
4	—	—	41.1	38.0	32.1	48.4	.249	.211	97	92	W 2	NW 1	6	7	—	
5	—	—	36.2	42.0	30.3	42.7	.192	.238	90	90	W 4	W 2	3	0	.240	
6	—	—	41.6	40.3	29.2	44.2	.261	.245	99	99	W 3	W 6	10	0	.200	
7	—	—	36.1	45.1	29.1	47.4	.213	.286	100	95	W 2	W 4	6	10	.650	
8	—	—	38.3	32.4	30.0	46.2	.208	.174	90	96	ESE 2	ESF 1	5	0	.250	ga.
9	—	—	29.8	40.1	25.7	45.2	.162	.225	98	91	SE 2	E 2	10	10	.300	ga.
10	—	—	37.1	33.0	27.2	46.6	.199	.179	90	96	W 1	E 4	8	0	—	
11	—	—	37.0	31.0	26.0	46.4	.196	.174	89	100	NW 3	E 3	10	0	.190	ga.
12	—	—	39.6	36.3	30.0	45.3	.208	.188	97	89	NW 4	W 3	5	0	—	
13	—	—	38.0	36.7	27.2	45.6	.168	.202	87	93	W 2	W 2	6	10	.450	
14	—	—	38.3	39.3	30.4	46.5	.209	.216	91	91	SW 4	W 2	10	10	.400	
15	—	—	40.1	40.3	30.2	41.6	.214	.245	86	99	S 2	W 3	10	10	.600	
16	—	—	40.2	43.1	34.6	45.9	.226	.213	91	76	NW 3	W 5	10	6	.240	
17	—	—	40.5	43.1	33.8	46.3	.247	.274	98	98	W 2	WSW 3	10	10	—	before ga. ga. ga. ga.
18	—	—	39.5	42.0	32.0	48.6	.199	.256	82	96	SW 2	W 2	6	10	1.120	ga.
19	—	—	38.2	43.6	35.0	49.4	.207	.263	90	93	WNW 3	W 6	10	10	.450	
20	—	—	36.3	43.9	33.2	47.3	.213	.285	99	99	ENE 3	E 2	10	10	.150	
21	—	—	41.2	38.6	34.7	49.8	.235	.170	92	82	WSW 1	W 1	2	1	.090	
22	—	—	38.1	36.3	34.3	43.3	.210	.190	95	90	NW 1	NE 2	10	10	—	
23	—	—	36.0	36.1	33.6	42.9	.196	.208	93	98	W 2	E 1	10	10	—	
24	—	—	35.7	35.1	33.0	43.2	.180	.181	86	88	NE 1	W 2	10	0	—	
25	—	—	33.0	40.1	33.2	46.2	.188	.204	100	82	WNW 4	W 5	10	10	.120	
26	—	—	38.2	35.1	30.0	42.4	.223	.166	96	80	W 4	W 5	10	0	.200	p.
27	—	—	35.2	39.8	33.8	42.2	.201	.231	98	95	NW 2	NW 2	10	10	.450	
28	—	—	35.5	43.1	33.4	49.2	.199	.271	97	97	W 3	W 3	10	0	.250	
29	—	—	38.3	44.6	36.2	50.4	.215	.256	94	87	W 2	W 2	7	0	.080	
Means	—	—	37.6	39.5	31.5	45.9	.207	.225	91.8	92.1	2.4	2.8	8.0	5.4	6.454	

NOTE.—The instrumental observations for this month must be received with some caution, as the Observer states that the instruments have been tampered with.

HILLINGTON.

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

FEBRUARY 1880.

1	30°33'0	30°30'8	31°5'	34°1'	28°1'	48°3'	.155	.190	88	97	S	0°5	S	0°5	10	0	.008	[] a. Very fine day. [] a.
2	287	360	35°0	38°2'	29°2'	45°0	.180	.224	88	96	SW	1	SW	1	9	10	—	
3	418	376	39°4	40°7	37°0	46°4	.239	.237	99	93	SW	1	S	1	10	10	.005	[] early a. [] (mist) all day. [] n. and a. Fine and mild day. [] p.
4	384	30°27'3	37°8	37°0	37°0	51°5	.217	.214	96	97	SW	1	SSW	1	10	0	.007	
5	30°09'8	29°09'8	34°6	39°6	30°2	45°4	.167	.231	83	95	SW	1	SW	2	4	10	.175	[] (mist) a.
6	29°09'8	714	41°5	44°7	39°1	44°8	.262	.259	100	88	S	2	S	5	10	10	.048	
7	678	459	47°2	46°3	44°2	48°2	.312	.307	97	98	SW	1	S	4	10	10	.184	
8	438	602	41°9	36°7	36°3	47°6	.242	.204	92	94	SW	1	S	1	10	3	.037	[] Very fine and sunny. [] p. [] early a.
9	449	156	39°4	43°4	31°2	45°9	.214	.246	89	87	SE	4	S	4	10	10	.130	
10	460	560	41°1	31°3	30°6	47°4	.222	.166	86	95	SW	3	Calm	0	10	1	.004	
11	736	811	38°7	38°3	29°3	42°6	.218	.215	93	94	NE	0°5	SW	0°5	10	10	.048	[] a. Very fine and sunny. [] p.
12	29°75'3	29°91'5	36°7	34°5	30°8	49°5	.205	.185	95	93	SW	1	SW	3	10	0	.009	
13	30°16'2	30°13'6	34°8	35°3	30°0	45°4	.166	.180	81	87	SW	2	S	2	0	0	—	
14	29°87'6	29°85'1	40°3	40°9	34°7	41°4	.205	.245	83	96	SE	4	SE	1	10	10	.070	
15	810	530	42°5	42°8	39°3	43°6	.243	.253	90	92	SE	0°5	SE	5	10	10	.118	
16	29°23'4	013	44°3	46°2	41°2	50°4	.277	.279	96	91	SE	5	SSE	2	10	10	.256	
17	28°83'0	277	42°5	40°1	37°1	47°6	.261	.227	96	92	NW	4	S	2	10	2	.046	
18	29°30'3	291	45°8	47°8	39°0	52°3	.231	.325	76	98	S	3	SW	2	9	10	.640	
19	213	213	49°9	48°3	47°0	55°3	.323	.289	91	86	SW	4	SW	6	7	10	.038	
20	208	418	48°4	45°9	44°2	53°6	.274	.261	81	86	WSW	6	WSW	5	1	9	.008	
21	689	749	44°5	38°8	37°0	51°9	.250	.224	86	96	WSW	3	SW	0°5	1	10	.007	
22	785	29°86'2	35°8	34°0	28°4	50°5	.145	.189	69	97	S	1	NE	0°5	2	6	.110	[] a. [] a.
23	29°98'2	30°12'1	39°4	36°9	32°6	45°6	.231	.211	96	97	NE	2	ENE	1	10	10	.090	
24	30°26'7	398	38°2	30°9	30°2	42°1	.204	.168	89	98	NE	1	NW	0°5	10	10	.006	[] (mist), on lowlands. [] p. [] early a. [] U p. [] at night.
25	30°39'7	30°17'4	34°1	39°7	28°0	46°9	.152	.207	76	84	SW	1	SW	6	10	10	.001	
26	29°76'0	29°81'5	44°9	36°3	36°1	47°5	.251	.178	85	84	WNW	7	W	6	8	0	—	
27	830	589	35°9	41°2	32°4	44°3	.174	.232	83	91	NW	3	SW	5	7	10	.042	[] ga.
28	406	551	47°6	44°1	40°4	50°6	.286	.242	88	83	NW	4	WNW	4	10	10	—	
29	29°54'9	29°49'8	44°6	47°2	40°3	54°5	.252	.294	86	91	NW	5	WSW	6	10	10	.040	
Means	29°77'0	29°75'9	40°6	40°0	35°2	47°8	.226	.230	88.2	92.3	2.5	2.7	8.2	7.3	2.127			

Observer remarks: Altogether a mild and pleasant month.

UPPINGHAM.

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

FEBRUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	40.0	40.8	36.0	52.1	.217	.201	88	79	SSW 1	swbyw2	0	0	ins.	☉ 9a. Splendidly bright all day.
2	30° 327	30° 303	40.0	40.8	36.0	52.1	.217	.201	88	79	SSW 1	swbyw2	0	0	—	☉ 9a. Splendidly bright all day.
3	283	353	36.8	41.1	35.1	43.3	.188	.254	87	98	SW 2	swbyw3	4	10	—	☉ Noon. ☉ 9p.
4	407	379	40.8	41.0	39.0	43.2	.248	.253	98	98	SSW 3	SW 1	10	10	—	☉ a. and p. ☉ at night.
5	371	30° 274	40.7	38.8	38.0	47.2	.254	.217	100	92	SSW 3	sw bys 1	10	0	—	☉ a. Bright p.
6	30° 082	29° 074	31.8	41.6	30.7	41.0	.176	.256	98	98	SSW 3	swbyw2	9	10	.038	☉ a. ☉ p.
7	29° 873	666	41.0	41.0	40.2	45.2	.262	.227	98	89	S 2	S 6	10	10	—	☉ till noon. Very stormy appearance
8	650	383	45.0	46.7	41.0	47.6	.285	.298	95	94	SSW 1	S 7	10	10	.110	☉ Gloomy all day. Squally p.
9	448	616	39.6	34.6	34.6	47.6	.217	.189	89	94	swbyw1	WSW 2	10	0	.043	☉ Squally a. Great gloom with ☉ 3.30p. 4p.
10	376	047	37.6	41.7	31.4	43.1	.213	.246	95	93	SE 3	S by E 5	10	10	.126	☉ Squally with ☉ 2 p.
11	436	564	38.1	36.0	35.9	48.6	.190	.204	83	96	W by N 2	N by W 1	10	3	—	☉ Bright from 11a. ☉ 9p.
12	753	826	33.0	35.0	32.5	41.0	.188	.184	100	90	NW 1	SW 1	10	6	.073	☉ ☉ a.
13	29° 735	29° 917	38.4	35.2	32.2	47.9	.226	.181	98	88	W 1	SW 3	10	0	.038	☉ ☉ a.
14	30° 186	30° 119	34.2	34.1	31.1	44.3	.170	.165	85	83	W by S 1	S 2	0	10	.037	☉ ☉ a.
15	29° 810	29° 819	39.1	40.3	33.4	41.1	.215	.243	90	98	S by E 4	S 3	10	10	.068	☉ ☉ 9p.
16	785	29° 454	39.8	42.2	37.9	42.8	.219	.252	90	93	S 2	SE 4	10	10	.091	☉ ☉ 2 10a.—11.30a. [☉ 2 (force 8-9) 4p.
17	29° 133	28° 963	43.8	43.9	41.5	49.4	.269	.240	95	84	SE by S 4	S by W 5	10	10	.607	☉ ☉ 2 10a.—11.30a. Bar. 28° 8' 50" 2.40p.
18	28° 943	29° 212	34.6	40.9	34.1	46.5	.191	.231	95	91	NW 3	S by W 5	10	3	.019	☉ ☉ a. Bright p.
19	29° 254	247	44.2	48.1	39.7	51.2	.261	.318	90	95	SSW 2	S by W 5	9	10	.229	☉ ☉ a. Bright p.
20	179	166	48.0	46.8	40.6	52.8	.206	.273	86	86	SW 5	SW 7	10	7	.047	☉ ☉ a. Bright p.
21	275	429	47.2	43.6	43.6	51.7	.271	.266	84	93	SW 7	swbyw3	2	5	.082	☉ ☉ in SW. 6.10p.
22	703	748	43.6	38.9	38.3	49.6	.248	.208	87	89	WSW 1	W by S 1	3	2	.011	☉ ☉ 2 p.
23	29° 777	29° 870	36.1	35.5	33.8	45.4	.198	.198	93	95	W 1	N 1	3	1	—	☉ ☉ a. ☉ 9a. and after 5p. ☉ 9p.
24	30° 008	30° 137	35.8	35.9	30.8	39.0	.197	.196	94	93	N by W 2	N by E 1	10	10	.029	☉ ☉ a. ☉ 7a. ☉ after 9a. ☉ 9p.
25	277	416	36.2	33.9	33.4	39.7	.197	.159	92	81.	NNE 1	xwbyw1	10	2	—	☉ ☉ a. ☉ n.
26	30° 421	30° 167	35.1	39.5	30.8	44.5	.189	.209	92	86	W 2	WSW 4	10	10	.010	☉ ☉ early a. ☉ 7a. Bar. falling fast 9p.
27	29° 801	29° 880	44.0	36.0	35.4	44.5	.209	.175	72	82	NW 6	NW 6	2	2	.010	☉ ☉ 0 p. Roughly night.
28	851	614	36.8	40.6	32.7	43.5	.190	.219	88	87	WNW 4	SW 5	10	10	—	☉ ☉ a. Bright p.
29	421	570	46.7	42.1	39.9	50.1	.255	.222	81	83	W by S 5	swbyw3	10	2	.020	☉ ☉ a. Bright p.
30	29° 557	29° 492	47.3	45.9	40.1	50.7	.265	.258	82	84	WSW 4	WSW 6	5	10	.059	☉ ☉ a. Bright p.
Means	29° 763	29° 745	39.9	40.1	36.2	46.1	.224	.226	90.5	90.1	2.7	3.3	7.8	6.5	1.747	☉ ☉ a. Bright p.

CHURCHSTOKE.

Height above Mean Sea Level, 548 feet. Long. 3° 5' W. Lat. 52° 31' N.

FEBRUARY 1880.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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° 9	37° 2	33° 5	53° 9	ins.	ins.	83	89	E 3	NE 2	0	7	ins.	☁ a. ☁ p.
2	30° 278	30° 292	36° 9	37° 2	33° 5	53° 9	182	198	83	89	SW 3	SW 2	7	8	—	☁ a. and p.
3	30° 260	30° 339	43° 5	46° 0	34° 7	48° 9	240	289	85	94	SSE 2	SE 2	7	4	—	☁ a. ☁ p.
4	30° 396	30° 376	46° 3	39° 8	38° 0	48° 9	280	226	90	93	SE 3	E 2	7	4	—	☁ a. and p.
5	30° 357	30° 238	44° 8	38° 8	36° 7	51° 9	280	218	95	93	SE 3	E 2	7	4	—	☁ a. and p.
6	30° 032	29° 993	38° 8	41° 8	31° 0	46° 9	199	245	84	93	SW 3	N 2	8	9	0.036	☁ a. and p.
7	29° 839	30° 534	41° 8	43° 8	33° 0	44° 4	252	243	96	85	S 3	SW 5	7	10	—	☁ with ☁ or ☁ a. ☁ p. [Very threatening appearance p.]
8	30° 629	30° 173	42° 8	48° 6	40° 0	49° 9	255	276	93	81	SSW 4	S 6	6	8	1.180	☁ a. ☁ p.
9	30° 510	30° 598	40° 8	31° 9	30° 0	48° 9	216	157	85	87	SW 3	E 1	7	5	0.077	☁ a. Clearing a little. ☁ p.
10	30° 166	30° 130	40° 1	41° 9	30° 0	42° 9	227	246	92	93	SE 5	SW 3	10	10	0.409	☁ a. ☁ p.
11	30° 457	30° 614	40° 3	36° 4	35° 0	49° 9	221	197	89	95	SSW 2	SE 2	8	5	0.001	☁ a. ☁ p.
12	30° 820	30° 810	37° 2	36° 9	33° 0	46° 9	214	182	96	83	NW 2	NE 2	4	3	0.045	☁ a. ☁ p. [day.]
13	29° 765	29° 973	40° 3	38° 5	33° 0	46° 4	208	189	84	82	SW 2	SW 3	4	4	0.018	☁ a. and p. Clear during the day.
14	30° 195	30° 014	36° 6	40° 0	30° 0	46° 9	167	205	77	83	W 1	SSW 3	2	10	0.430	☁ a. Then clear and sunny. [p.]
15	29° 698	29° 810	42° 8	37° 2	36° 0	50° 9	244	202	89	91	S 4	SE 1	7	4	0.030	☁ a. ☁ p. Very stormy. [p.]
16	29° 735	29° 300	34° 2	43° 5	31° 3	43° 9	195	209	99	95	ESE 3	SE 4	10	10	0.349	☁ a. ☁ p.
17	28° 950	28° 928	44° 8	43° 3	41° 0	47° 9	276	219	93	78	E 5	SW 6	10	8	0.740	☁ a. and p.
18	28° 995	29° 082	40° 0	43° 8	35° 0	48° 6	208	250	85	88	SW 3	S 4	7	8	0.119	☁ a. ☁ p.
19	29° 212	29° 192	44° 8	49° 9	42° 0	50° 9	258	293	87	82	SSW 4	SW 6	7	7	0.143	☁ a. ☁ p. Very threatening appearance. [p.]
20	29° 129	29° 103	47° 9	47° 9	44° 5	53° 0	267	267	81	81	SW 5	SW 6	6	6	0.234	☁ a. ☁ p. (10 during the day.) [p.]
21	29° 275	29° 476	47° 2	45° 9	44° 0	50° 9	260	263	81	86	SW 6	SW 5	7	8	0.090	☁ a. ☁ p. (4 during the day.) [p.]
22	29° 747	29° 807	42° 8	37° 9	35° 7	48° 9	238	189	87	83	SW 4	SW 3	7	4	0.051	☁ a. ☁ p.
23	29° 850	29° 879	34° 9	34° 9	30° 0	42° 9	193	193	95	95	W 2	NW 1	8	10	0.060	☁ a. and p.
24	30° 107	30° 187	36° 9	39° 8	35° 0	43° 9	199	207	91	85	N 2	NE 3	10	10	—	☁ a. and p.
25	30° 305	30° 449	37° 3	30° 9	29° 0	41° 1	195	148	88	85	NE 2	NE 1	7	2	—	☁ a. ☁ p.
26	30° 491	30° 252	35° 9	42° 8	26° 7	46° 4	191	215	91	78	N 2	SW 4	6	8	0.010	☁ a. ☁ p.
27	29° 953	29° 998	43° 8	37° 2	36° 0	45° 9	210	191	73	86	NW 5	NW 3	5	5	0.008	☁ a. ☁ p. and p.
28	29° 939	29° 631	38° 8	44° 8	35° 0	46° 0	218	276	93	93	W 2	SW 4	10	10	0.031	☁ a. and p. Very gloomy.
29	29° 516	29° 645	44° 8	45° 9	43° 0	47° 9	276	242	93	79	W 4	SW 3	10	7	0.008	☁ a. ☁ p.
30	29° 568	29° 466	47° 2	46° 0	43° 5	50° 9	284	262	89	85	W 4	SW 6	10	8	0.060	☁ a. Wind rising. ☁ p. Rough night.
Means	29° 765	29° 734	41° 2	41° 1	35° 4	47° 8	230	226	88° 4	86° 9	3° 2	3° 3	7° 0	7° 0	3° 134	

GELDESTON.

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

FEBRUARY 1880.

1	30° 340	30° 337	28° 5	33° 5	26° 5	51° 9	157	190	100	98	Calm 0	Calm 0	0	0	—	☁ a. ☁ p. Cir. and Cir.-c. interlaced all over the sky.
2	328	363	34° 2	38° 9	26° 0	47° 3	172	219	86	93	Calm 0	W 1	8	10	0.010	☁ p.
3	451	440	38° 3	36° 6	33° 6	43° 8	227	211	99	98	WSW 1	S 1	10	10	—	☁ a. ☁ p.
4	420	304	34° 9	36° 6	30° 0	51° 1	203	188	100	87	ESE 1	Calm 0	0	0	—	☁ a. ☁ p.
5	30° 123	30° 027	34° 5	39° 8	30° 2	45° 9	174	215	86	88	SSW 1	WSW 2	0	10	0.030	☁ a. ☁ p.
6	29° 957	29° 789	40° 7	44° 2	38° 3	44° 8	254	285	100	98	SW 2	SSW 5	10	10	0.090	☁ a. Dry-bulb 44° 7, wet-bulb 43° 2, 10.30p. ☁ 0.
7	708	531	44° 4	44° 0	42° 1	44° 8	285	288	98	100	SSW 4	SSW 4	10	10	0.210	☁ a. ☁ p.
8	448	634	43° 3	39° 1	38° 9	45° 6	275	217	99	91	SSW 1	Calm 0	10	0	0.100	T (?) about 4.30p.
9	528	236	39° 0	41° 1	32° 6	44° 0	220	249	93	97	SE 3	SSE 5	10	10	0.110	Wind rose to force 6 by 11.30p.
10	442	566	42° 3	35° 3	31° 1	49° 4	234	199	87	97	W 3	NE 1	10	0	—	☁ a. ☁ p.
11	710	803	39° 1	37° 0	35° 3	43° 5	221	204	93	93	NE 1	W 1	10	0	0.020	☁ a. ☁ p. Wind WSW, 1.10p. with ☁ 0.
12	29° 796	29° 927	37° 5	37° 2	31° 8	48° 8	213	200	95	90	S 2	WSW 1	10	0	—	☁ a. ☁ p.
13	30° 171	30° 181	36° 1	33° 3	32° 3	47° 1	188	184	88	97	WSW 1	S 1	0	0	0.030	☁ a. ☁ p.
14	29° 964	29° 898	38° 2	40° 6	32° 3	41° 3	208	223	91	89	S 3	S 3	10	10	0.100	☁ a. ☁ p.
15	851	587	41° 0	42° 5	38° 8	42° 5	255	241	99	89	SSE 1	SE 4	10	10	0.350	(force 7) 1.30 p. Bar 29° 025 4p. Cir. from South to North on West side 9a. ☁ p. Wind rising 11 p. Cir. in aft. preceding bank of cloud to (force 6), 3a. [W. ☁ 0p.]
16	29° 294	098	42° 3	47° 2	40° 7	47° 4	262	273	97	85	SE 4	SW 4	10	10	0.120	☁ a. ☁ p.
17	38° 897	350	50° 0	39° 1	38° 8	50° 1	284	229	79	96	SSW 8	S 2	10	0	—	☁ a. ☁ p.
18	29° 358	388	44° 9	47° 4	37° 9	51° 4	259	316	88	96	SSW 4	SSW 4	1	10	0.100	☁ a. ☁ p.
19	260	271	51° 8	48° 2	45° 9	53° 7	328	285	85	86	SW 4	SW 5	9	0	0.110	☁ a. ☁ p.
20	344	435	50° 0	46° 2	46° 1	54° 7	284	302	79	97	WSW 4	SW 3	0	10	0.040	☁ a. ☁ p.
21	701	743	45° 3	43° 0	40° 6	53° 6	257	264	85	95	WSW 2	Calm 0	0	1	0.180	☁ a. ☁ p. Wind Easterly from 10.30a. ☁ p.
22	789	29° 867	35° 7	37° 1	31° 9	50° 9	198	209	95	95	WSW 1	NNE 1	0	9	0.010	☁ a. ☁ p.
23	29° 942	30° 099	39° 0	38° 0	35° 2	39° 8	234	216	98	95	NE 2	ENE 2	10	10	0.010	☁ a. ☁ p.
24	30° 248	398	37° 7	37° 1	36° 0	39° 6	195	219	86	99	NE 2	NNE 1	10	10	0.010	☁ a. ☁ p.
25	30° 410	30° 176	33° 3	40° 4	29° 8	45° 6	164	222	86	89	W 1	WSW 2	0	9	—	☁ a. ☁ p.
26	29° 751	29° 798	44° 8	37° 2	37° 0	48° 6	241	180	81	81	W 6	NW 5	8	0	—	☁ a. ☁ p.
27	834	638	36° 2	41° 6	32° 7	45° 5	180	224	85	86	W 2	SW 2	1	10	0.010	☁ a. ☁ p.
28	396	574	48° 6	44° 0	40° 7	51° 8	280	244	82	84	WSW 5	W 2	8	0	—	☁ a. ☁ p.
29	29° 570	29° 544	48° 7	46° 8	40° 4	54° 8	266	257	78	81	WSW 3	WSW 4	1	8	—	Broad hair-like band of Cir. W. to E. 9a.
Means	29° 794	29° 793	40° 7	40° 4	35° 6	47° 6	232	233	90° 3	92° 1	2° 5	2° 3	6° 1	5° 8	1° 710*	

* Mean rainfall, 1866-1880, 1° 680.

CHELTENHAM.

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

FEBRUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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° 2	43° 9	26° 6	51° 2	ins.	ins.	74	73	S	1	S	2	0	0	ins.	Beautiful day.
2	30° 318	30° 297	44° 2	43° 9	26° 6	51° 2	217	209	95	95	S	1	S	1	10	10	0.020	
3	278	351	38° 5	43° 5	37° 5	46° 6	218	269	93	95	S	1	S	1	10	10	0.040	Very fine.
4	422	378	42° 7	42° 5	41° 6	46° 2	266	263	96	97	SE	1	SE	1	10	10	0.040	
5	367	30° 244	42° 7	42° 0	30° 0	50° 4	252	237	92	89	S	2	S	1	1	0	—	Very fine.
6	30° 062	29° 966	36° 6	44° 9	32° 2	48° 2	204	279	95	94	S	1	S	2	6	10	0.050	
7	29° 846	649	46° 0	44° 9	42° 6	48° 6	289	259	94	87	S	1	S	3	10	10	0.050	Very stormy at night.
8	637	315	47° 5	49° 5	43° 4	50° 6	292	292	90	83	S	2	S	6	10	10	0.080	
9	493	614	41° 5	33° 2	39° 0	49° 5	222	181	85	96	S	1	Calm	0	6	4	0.110	Squally a. and p. Very stormy night. ▲ 0 p.
10	248	060	42° 3	45° 1	32° 0	46° 5	224	247	84	82	S	5	S	4	6	10	0.290	
11	451	560	38° 8	36° 1	35° 0	50° 5	203	199	86	94	S	1	Calm	0	6	6	0.010	Beautiful day. [evening.]
12	782	824	38° 5	36° 2	32° 2	45° 0	225	189	97	89	Calm	0	SE?	1	10	0	0.040	
13	29° 752	29° 978	43° 3	39° 9	35° 0	49° 0	261	212	93	87	Calm	0	NW	1	3	0	—	Beautiful day. ▲ 0 p.
14	30° 199	30° 086	37° 2	40° 0	28° 5	47° 2	181	213	81	86	W	1	S	2	4	10	0.330	
15	29° 742	29° 826	42° 6	40° 8	39° 2	47° 0	256	240	93	95	S	3	Calm	0	10	0	0.280	● 2 with squalls a.
16	29° 721	29° 346	42° 4	45° 5	35° 8	45° 8	243	274	90	91	SE	2	S	3	6	10	0.400	
17	28° 943	28° 961	46° 3	46° 3	39° 0	51° 0	292	248	94	80	SE	4	SE	3	10	10	0.810	● 2 with squalls in the evening. Very stormy with ●.
18	29° 024	29° 146	39° 5	45° 5	36° 0	49° 2	222	251	92	83	SE	1	SW	3	6	8	0.450	
19	251	240	46° 1	51° 6	42° 0	52° 5	270	328	87	86	SW	1	SW	3	10	6	0.950	● 2 at night.
20	196	193	50° 9	49° 9	47° 3	54° 0	306	299	83	84	SW	3	SW	3	6	8	0.270	
21	349	494	48° 5	47° 0	45° 5	51° 5	294	302	87	94	SW	3	W	2	6	8	0.410	Squally before ga. ● 2 all day.
22	758	783	45° 0	41° 8	40° 1	48° 5	252	234	84	89	W	2	W	1	4	0	0.060	
23	29° 816	29° 883	34° 4	38° 6	30° 1	43° 5	195	225	98	96	Calm	0	Calm	0	10	8	0.080	Sudden 8.45a. Cleared off at noon.
24	30° 076	30° 124	34° 1	40° 3	31° 5	42° 0	194	229	99	92	N	1	N	1	10	10	0.010	
25	308	445	38° 0	35° 0	34° 5	40° 3	201	184	88	90	N	1	Calm	0	10	6	—	—
26	30° 473	30° 247	33° 0	41° 0	27° 0	47° 7	147	227	78	89	Calm	0	NW	1	5	8	0.020	
27	29° 932	29° 980	46° 9	39° 0	33° 2	47° 8	257	197	81	83	NW	2	NW	3	5	0	—	—
28	938	675	40° 8	42° 6	35° 0	47° 0	210	240	83	88	Calm	0	NW	2	9	10	—	
29	524	652	48° 6	46° 1	42° 0	51° 4	277	265	81	86	W	3	W	2	8	0	0.050	—
30	29° 633	29° 533	47° 8	46° 9	43° 0	51° 2	291	284	88	89	SW	1	SW	2	6	10	0.020	
Means	29° 777	29° 754	42° 2	42° 7	36° 5	48° 3	240	244	88° 5	88° 5	1° 5		1° 8		7° 0	6° 3	4° 830	

MARLBOROUGH.

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

FEBRUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	29.3	37.1	27.3	52.4	ins.	ins.	97	88	Calm	0	0	0	ins.	a. Very fine later.	
2	333	406	35.2	40.5	32.3	42.0	201	250	98	99	Calm	0	10	10	0.010		a. all day.
3	458	419	38.9	39.7	38.5	41.9	235	242	99	99	Calm	0	10	10	0.070	ga. all day.	
4	412	312	38.8	32.8	32.3	48.9	236	186	100	100	Calm	0	10	10	0.010	a. and p. ga.	
5	30.137	30.010	34.6	41.8	30.1	45.8	196	260	98	99	SW	1	10	10	0.100	a. and p.	
6	29.887	29.728	43.4	43.0	41.3	46.4	279	253	99	91	S	1	10	10	0.130	a.	
7	683	388	46.6	47.7	43.0	48.6	305	299	97	91	SW	1	10	10	0.272	Very fine day.	
8	511	645	39.2	34.6	34.0	48.8	225	190	94	95	Calm	0	8	0	0.130		
9	305	145	40.9	42.7	34.0	45.7	226	231	89	84	S	2	9	10	0.200	a. Very fine day.	
10	474	557	35.8	36.8	35.0	50.5	196	196	94	91	Calm	0	9	0	—		
11	779	29.868	36.5	32.9	31.7	44.8	192	185	90	99	Calm	0	9	0	0.103	a.	
12	29.795	30.015	42.4	37.0	32.4	51.2	260	193	96	88	W	1	6	0	0.071	a. Very fine day.	
13	30.238	30.121	33.8	38.7	30.5	47.7	184	213	94	91	SE	1	0	9	0.230		
14	29.795	29.846	40.3	42.7	38.3	45.1	235	265	95	96	S	1	10	0	0.098	Very fine day.	
15	29.768	386	40.0	45.3	38.9	45.8	236	274	96	91	SE	1	10	10	0.411		
16	28.986	001	45.5	44.5	43.4	51.7	284	250	94	86	SE	3	1	10	0.720	Very fine day.	
17	29.058	217	37.7	44.7	34.3	48.7	212	237	94	80	SW	1	5	9	0.040		
18	288	320	44.6	49.0	43.2	53.9	274	331	93	96	SW	1	9	10	0.410	p. a.	
19	272	277	48.6	47.3	46.6	51.9	309	289	91	90	SW	2	8	7	0.200		
20	406	531	46.9	46.7	44.9	54.2	289	289	91	92	SW	2	9	10	0.260	p. a.	
21	784	819	43.7	37.2	37.2	49.9	260	210	91	94	SW	1	8	1	0.145		
22	29.818	29.862	34.1	39.0	30.5	47.8	194	230	99	97	Calm	0	10	10	0.065	p. a.	
23	30.044	30.127	32.0	38.6	32.0	40.9	179	220	99	94	N	1	10	10	0.010		
24	285	449	36.2	36.6	35.3	39.2	196	183	92	84	N	1	10	10	—	a.	
25	30.506	303	33.5	38.9	28.3	48.9	148	214	77	91	Calm	0	2	9	0.010		
26	29.948	30.018	43.6	37.3	37.0	50.8	266	183	93	83	W	1	10	7	0.018	Very fine day.	
27	973	29.744	38.9	41.5	32.5	49.1	201	223	86	86	W	1	5	10	0.010		
28	563	680	46.6	41.7	40.4	51.5	273	251	87	95	W	2	1	9	0	—	Very fine day.
29	29.697	29.608	46.0	45.4	41.2	51.7	281	279	92	93	SW	1	10	10	0.030		
Means	29.813	29.798	39.8	40.7	36.1	48.1	232	235	93.6	91.8	0.9	0.9	8.1	7.0	3.763		

STRATHFIELD TURGISS.

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

FEBRUARY 1880.

1	30.376	30.346	26.3	30.6	21.6	53.8	118	146	85	85	Calm	0	SE	0-1	0	0	—	Very fine later.
2	338	406	28.4	38.3	23.3	41.1	133	225	86	98	Calm	0	Calm	0	4	10	—	Very fine later.
3	459	419	39.9	38.8	37.0	44.4	238	224	97	96	Calm	0	SW	2	10	10	—	Very fine later.
4	427	308	33.8	31.5	31.1	52.5	184	177	94	100	Calm	0	Calm	0	10	10	—	Very fine later.
5	30.143	30.027	33.8	42.4	28.1	50.4	182	262	93	97	Calm	0	SW	2	10	10	0.067	Very fine later.
6	29.919	29.757	43.8	44.4	41.3	46.7	268	264	94	90	S	3	SE	3	10	10	0.084	Very fine later.
7	704	471	47.2	49.0	42.5	49.6	321	286	99	83	S	1	S	4-5	10	10	0.293	Very fine later.
8	508	657	40.5	32.0	32.0	50.9	237	158	94	87	NW	2	SE	1	9	0	0.045	Very fine later.
9	368	150	42.7	43.6	31.0	46.1	245	261	89	92	SE	3-4	SW	4-5	7	10	0.135	Very fine later.
10	486	541	48.5	34.9	34.3	52.0	316	170	94	83	SW	1	SE	1	10	5	—	Very fine later.
11	757	869	38.2	30.5	30.0	44.1	208	156	91	93	NE	1	E	0-1	10	0	0.017	Very fine later.
12	29.783	29.699	44.0	35.8	27.1	54.1	274	194	95	93	W	2	NW	1	10	0	—	Very fine later.
13	30.227	30.130	38.1	38.2	30.9	47.6	198	213	86	92	W	1	SW	1	0	10	0.080	Very fine later.
14	29.846	29.863	41.8	40.5	37.4	44.5	241	241	92	96	SE	3	W	1-2	10	10	0.075	Very fine later.
15	802	446	42.5	45.6	40.0	46.1	257	292	94	96	SE	3-2	S	3-4	10	10	0.625	Very fine later.
16	066	034	45.5	46.5	42.3	52.1	293	274	97	88	SE	4-5	SW	2-3	10	10	0.863	Very fine later.
17	059	268	39.0	45.0	36.4	50.3	218	248	92	83	W	3	SW	3-4	10	7	0.047	Very fine later.
18	312	369	47.0	49.6	43.3	55.1	298	334	93	95	SW	3-2	SW	4-5	9	10	0.325	Very fine later.
19	302	319	49.3	49.6	47.3	50.8	316	301	90	85	SW	3-4	SW	5-6	10	10	0.425	Very fine later.
20	427	533	49.5	47.5	46.2	54.1	292	297	83	91	W	5-4	SW	3-4	8	6	0.186	Very fine later.
21	795	810	47.3	39.4	39.1	52.0	272	209	84	87	W	3	W	1-0	0	4	0.177	Very fine later.
22	29.813	29.847	35.0	38.5	29.0	47.1	184	223	90	96	Calm	0	NW	0-1	10	10	0.060	Very fine later.
23	30.026	30.095	34.2	38.9	31.3	40.3	184	225	94	95	NE	2	N	1	10	10	0.038	Very fine later.
24	276	413	37.2	38.4	35.7	39.6	198	186	89	81	NE	2	NE	2	10	10	—	Very fine later.
25	30.486	30.322	35.6	38.5	28.0	50.9	152	214	73	92	NE	0-1	W	2-3	4	4	0.005	Very fine later.
26	29.933	29.982	45.3	40.1	27.7	51.2	274	188	91	75	NW	3-4	NW	2-3	7	3	—	Very fine later.
27	969	769	43.0	41.3	35.2	49.1	215	220	78	85	NW	4-3	SW	2	8	10	0.067	Very fine later.
28	561	684	48.5	43.5	40.3	53.4	292	267	87	94	W	3	SW	3-4	10	8	—	Very fine later.
29	29.708	29.635	47.1	46.3	40.7	52.9	295	284	91	91	W	3-4	SW	3-4	8	10	0.054	Very fine later.
Means	29.823	29.809	41.1	40.7	35.2	49.1	238	232	90.2	90.3	2.0	2.2	8.1	7.5	3.668			

RAMSGATE.

Height above Mean Sea Level, 105 feet. Long. 1° 25' E. Lat. 51° 20' N.

FEBRUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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° 38'	30° 36'	33° 9'	32° 0'	51° 1'	° 195	° 188	96	98	W	1	Calm	0	0	ins.	a.
2	377	407	37° 5'	36° 1'	29° 9'	50° 5'	° 208	° 212	93	100	SW	1	Calm	0	5	0	° 050	
3	492	474	34° 8'	34° 0'	30° 1'	50° 5'	° 202	° 196	100	100	Calm	0	Calm	0	5	0	—	a.
4	441	313	35° 5'	37° 5'	32° 0'	46° 0'	° 208	° 200	100	90	SE	1	Calm	0	0	0	—	
5	183	30° 079	35° 0'	38° 5'	29° 5'	49° 5'	° 204	° 213	100	92	Calm	0	SW	2	10	5	—	
6	30° 003	29° 865	39° 2'	42° 1'	35° 1'	43° 5'	° 231	° 238	96	89	SW	1	SW	5	10	10	° 060	
7	29° 777	592	41° 8'	43° 1'	40° 8'	44° 0'	° 265	° 276	100	99	SW	4	SW	6	4	10	° 330	Squally all day.
8	494	694	42° 0'	38° 0'	38° 0'	46° 5'	° 263	° 229	98	100	SW	4	W	1	10	0	° 060	Squally a.
9	576	311	39° 9'	42° 7'	36° 1'	43° 1'	° 213	° 259	87	94	SW	4	S	6	10	10	° 120	Squally all day.
10	576	543	41° 0'	39° 0'	38° 5'	46° 6'	° 216	° 219	84	93	S	1	NE	1	10	5	—	
11	688	29° 857	39° 6'	39° 9'	38° 0'	42° 6'	° 223	° 219	92	90	NE	1	S	1	9	10	—	
12	29° 817	30° 048	44° 8'	43° 8'	39° 9'	48° 6'	° 280	° 245	95	86	S	2	SE	1	10	5	° 130	
13	30° 230	30° 207	36° 0'	38° 0'	33° 5'	50° 0'	° 192	° 229	91	100	S	1	Calm	0	3	10	—	
14	29° 996	29° 947	39° 1'	40° 5'	35° 1'	42° 2'	° 217	° 237	91	94	S	4	SW	3	10	10	° 050	Squally p.
15	863	571	40° 6'	43° 5'	39° 0'	43° 5'	° 253	° 238	100	85	SW	1	SW	5	10	10	° 110	Squally a. and p.
16	272	139	42° 8'	45° 0'	41° 0'	49° 3'	° 264	° 299	96	100	SE	4	SW	3	10	5	° 630	Squally a.
17	021	404	46° 0'	42° 5'	41° 0'	51° 0'	° 283	° 256	92	94	SW	8	SW	4	10	0	° 020	Squally a. and p.
18	424	485	44° 0'	46° 0'	41° 1'	51° 0'	° 265	° 311	92	100	S	4	SW	5	10	0	—	Squally op.
19	387	396	49° 0'	47° 8'	45° 5'	49° 8'	° 310	° 308	92	93	SW	9	SW	9	10	9	° 030	Squally a. and p.
20	537	571	47° 3'	47° 3'	46° 1'	52° 1'	° 302	° 295	93	91	SW	3	SW	4	10	3	° 060	Squally p.
21	795	804	46° 8'	43° 4'	42° 3'	53° 6'	° 278	° 278	87	98	W	1	W	1	0	5	—	
22	812	29° 811	45° 6'	40° 1'	35° 0'	50° 0'	° 296	° 248	97	100	W	1	NW	1	3	0	° 020	
23	29° 922	30° 056	40° 0'	39° 9'	37° 8'	42° 5'	° 247	° 241	100	99	N	2	SW	2	10	10	° 060	
24	30° 228	401	38° 8'	36° 5'	35° 8'	42° 0'	° 186	° 204	79	95	NE	2	NE	2	10	10	—	* p.
25	30° 479	30° 277	35° 8'	38° 5'	34° 6'	47° 5'	° 204	° 215	98	93	NE	1	NE	1	10	0	—	
26	29° 889	29° 911	42° 3'	37° 6'	36° 7'	49° 2'	° 248	° 190	92	84	SW	3	NW	3	10	2	—	
27	900	739	38° 2'	40° 0'	36° 6'	46° 9'	° 206	° 226	90	92	S	1	SW	3	5	10	—	
28	537	664	46° 1'	44° 8'	36° 0'	52° 2'	° 286	° 277	92	94	SW	2	W	2	10	1	—	
29	29° 692	29° 613	48° 8'	45° 0'	38° 2'	51° 5'	° 295	° 279	86	94	SW	3	SW	5	8	10	—	Squally p.
Means	29° 855	29° 846	41° 1'	40° 9'	37° 1'	47° 8'	° 243	° 242	93° 4'	94° 4'	2° 4'		2° 6'	7° 8'	5° 3'	1° 730		

ST. LEONARDS.

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

FEBRUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	36.0	34.8	44.3	in.	in.	%	%	E	1	0	0	ins.	☁ a. ☁ 9p.
2	30.373	30.361	37.4	36.0	34.8	44.3	208	204	93	96	Calm	0	0	0	0.010	☁ a. ☁ 9p.
3	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
4	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
5	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
6	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
7	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
8	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
9	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
10	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
11	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
12	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
13	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
14	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
15	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
16	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
17	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
18	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
19	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
20	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
21	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
22	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
23	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
24	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
25	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
26	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
27	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
28	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
29	30.370	30.345	37.4	36.0	34.8	44.3	191	240	97	99	Calm	0	0	0	0.027	☁ a. ☁ 9p.
Means	29.853	29.851	40.9	41.4	38.2	45.7	240	244	93.8	93.0	3.2	3.0	6.7	5.8	2.896	

DARTMOOR.

Height above Mean Sea Level, 1,359 feet. Long. 3° 59' W. Lat. 50° 33' N.

FEBRUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	30.319	30.311	40.2	40.0	36.0	51.0	190	176	77	70	Calm	0	0	0	0	Fine day.
2	30.300	30.279	40.5	43.5	39.0	44.0	252	283	100	100	SW	1	10	10	0	☁ a. and p.
3	30.293	30.285	45.0	43.0	42.9	45.0	209	277	100	100	SW	2	10	10	0	☁ a. ☁ 9p.
4	30.290	30.283	44.0	36.5	35.0	49.0	276	186	96	87	Calm	0	0	0	0	☁ a. ☁ 9p.
5	30.279	29.978	41.0	43.0	36.0	44.0	257	277	100	100	SW	3	10	10	0	☁ a. ☁ 9p.
6	29.886	29.886	41.0	43.0	36.0	44.0	242	294	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
7	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
8	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
9	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
10	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
11	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
12	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
13	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
14	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
15	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
16	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
17	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
18	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
19	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
20	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
21	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
22	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
23	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
24	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
25	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
26	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
27	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
28	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
29	30.254	30.254	44.0	40.0	39.0	45.0	200	247	100	100	SW	1	10	10	0	☁ a. ☁ 9p.
Means	29.790	29.792	40.0	39.6	35.6	44.0	239	234	96.0	95.0	2.1	3.1	8.1	8.2	11.600	

BABBACOMBE.

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

FEBRUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	39.8	39.8	31.0	47.8	in.	in.	%	%	NE	2	NE	1	10	ins.	[after 4 p.	
2	30° 337	30° 313	39.8	39.8	31.0	47.8	240	243	99	99	S	3	S	3	10	0.50	☁ n. and a. ☁ 9a. ☁ in field	
3	30° 312	30° 284	43.7	44.8	34.0	46.9	275	295	96	99	SSW	2	SSW	2	10	0.20	☁ n. Scotch ☁ after 6p.	
4	30° 281	30° 281	42.8	40.5	40.1	45.9	273	250	99	100	NE	2	Calm	0	10	0.10	Scotch ☁ all day,	
5	30° 113	29° 967	41.5	46.1	38.1	48.8	257	312	98	100	SSW	2	S	3	9	10	0.130	☁ to 10a. and from 11a. ☁ 4p.-7p.
6	29° 893	29° 893	44.9	45.8	43.8	49.0	294	304	99	98	WSW	3	S	7	9	10	0.170	☁ a. ☁ to 8a. Scotch ☁ after 9p.
7	29° 682	29° 682	47.0	44.8	44.8	49.9	321	285	99	96	SSW	2	SW	5	10	10	0.430	☁ n. ☁ 2.30p.-2.45p. ☁ p.
8	29° 559	29° 559	40.0	41.5	37.1	51.2	234	218	95	84	WSW	2	SSE	3	4	10	0.130	☁ a. and p.
9	29° 094	29° 094	45.5	43.0	41.2	47.8	257	228	85	82	S	9	WSW	5	10	3	0.60	☁ a. ☁ 9a. Squally ☁ a. and p.
10	29° 448	29° 448	41.8	41.6	37.3	48.0	237	221	90	85	ESE	1	NE	3	7	1	—	☁ (and parhelia to 10a.) 8.30a.-11a.
11	29° 801	29° 831	42.5	38.4	38.3	48.6	227	225	84	97	N	2	SSW	3	0	0	0.140	[and 1p.-1.45p. ☁ a. ☁ 2p.
12	29° 820	29° 077	44.1	40.3	38.2	50.7	249	219	85	88	WSW	4	WSW	3	2	4	0.60	☁ a. and p. ☁ 9p.
13	30° 225	30° 028	43.9	44.0	33.1	54.0	220	261	79	90	WSW	2	SSE	4	1	10	0.370	☁ 2p. and 4.30p. ☁ 2.45p. ☁ 10.30p. ☁ 4.30p. ☁ p.
14	30° 742	29° 839	45.1	40.7	40.7	50.0	261	245	100	96	SSW	3	SW	1	10	0	0.810	☁ p. ☁ [☁ 11.30p.-Midnt.
15	29° 722	29° 315	47.9	46.2	37.3	46.3	262	301	99	97	SSE	4	S	5	10	10	0.60	☁ p. ☁ at night.
16	28° 731	28° 974	47.9	45.0	44.0	50.3	324	265	98	89	SSE	7	SSW	2	10	10	0.440	☁ n. and a. ☁ a. ☁ in squalls p.
17	29° 091	29° 125	42.6	46.5	36.0	52.6	247	289	90	93	WSW	2	SSW	8	7	10	0.300	Squalls a. ☁ 2 from SSW. Velocity [59 miles, noon-1p.
18	29° 344	29° 285	46.7	49.5	44.1	54.8	289	352	92	99	SW	2	SSW	7	10	10	0.600	☁ in squalls p. ☁ p. ☁ 9.35p.
19	29° 440	29° 315	49.9	45.0	45.0	51.3	321	303	90	87	SW	7	SW	9	10	7	0.430	☁ 5.15p. and 5.30p. ☁ at night with [squalls.
20	28° 289	29° 593	50.0	48.1	47.0	53.6	327	313	85	93	WSW	7	WSW	6	9	2	0.510	☁ all day with squalls. ☁ 2 ☁ 11.30a.
21	29° 799	29° 844	45.0	39.3	39.3	54.0	203	222	98	94	SW	1	WSW	2	10	2	0.20	☁ with squalls till evening. ☁ 2 ☁
22	29° 808	29° 872	41.9	42.8	36.0	52.2	331	242	88	88	NNW	3	NW	2	4	9	0.440	☁ p. ☁ after 9p.
23	30° 044	30° 142	41.0	38.8	38.0	48.8	219	208	86	89	NNE	3	NNW	2	1	0	—	☁ 2 n. ☁ p.
24	29° 270	29° 452	38.0	38.9	37.7	41.9	199	179	87	77	NE	3	NE	3	10	10	—	☁ n. ☁ p.
25	29° 521	29° 367	38.0	40.2	31.9	53.8	182	230	79	92	NW	2	WSW	2	1	9	—	☁ n. or a. ☁ [☁ till 9a. ☁ 0 p. ☁ 9p.-9.30p.
26	29° 047	29° 109	47.0	39.5	39.3	51.4	286	199	90	82	W	5	W	2	9	8	0.10	Squally a. ☁ 9a.-9.10a.
27	30° 040	29° 819	43.1	42.9	36.8	48.0	224	263	80	95	W	2	WSW	4	9	9	0.020	☁ 9a.-11.30a.
28	29° 668	29° 747	47.2	46.4	42.9	54.6	282	284	89	91	W	5	WSW	3	9	5	—	—
29	29° 759	29° 641	47.9	45.4	44.0	53.7	209	302	91	99	WSW	4	SW	5	9	10	0.090	—
Means	29° 806	29° 800	44.0	43.3	39.4	50.1	264	261	91.3	92.3	3.2		3.6	7.5	7.1	4.630		

LONDONDERRY.

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

FEBRUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	46°8	44°9	50°7	in.	in.	%	%	SSW 2	S 4	10	10	ins.	
2	30°05	29°09	46°7	46°8	44°9	50°7	284	287	89	90	SSW 2	S 4	10	10	ins.	
3	30°04	29°21	48°1	44°8	44°1	49°3	331	262	98	88	SW 2	S 3	10	4	—	
4	30°14	30°15	43°9	47°1	38°0	49°0	244	290	85	90	S 2	S 3	10	8	—	
5	30°02	29°86	49°2	47°7	45°3	54°4	313	276	90	84	S 3	S 4	10	10	160	
6	29°89	29°06	40°0	38°1	37°8	48°5	230	215	94	94	W 1	W 2	1	2	020	
7	30°08	29°09	41°2	46°9	36°7	49°1	217	267	85	84	S 4	S 5	10	10	230	☉ during day.
8	30°09	29°27	39°8	39°2	38°0	47°5	215	224	88	93	SW 3	S 1	1	10	020	
9	30°07	29°48	36°5	34°7	32°8	44°0	189	178	88	89	SW 2	SE 1	3	2	—	
10	30°06	29°28	36°3	38°1	30°0	38°7	192	223	90	97	NE 1	E 1	10	10	020	☁ (mist) in the evening.
11	30°05	29°02	41°5	38°7	34°5	44°0	223	210	86	90	S 4	SW 1	9	8	—	
12	30°06	29°39	37°7	42°8	30°2	46°2	176	257	77	94	SSE 2	S 3	8	10	305	
13	30°05	29°56	39°4	36°1	35°0	44°6	206	200	86	94	SW 3	W 2	3	10	060	
14	30°05	29°52	35°2	43°7	32°0	44°4	188	254	91	88	SW 2	SE 5	5	10	050	☉ in afternoon. ☉ 7p.—9p.
15	29°37	29°68	45°6	35°7	34°5	49°5	252	196	82	93	SSW 4	SE 1	9	0	010	
16	29°58	29°01	36°2	42°9	28°5	44°2	189	255	89	92	ESE 2	SE 5	1	5	050	☉ p. Lunar ☉ gp.
17	29°52	28°38	42°7	42°2	37°6	45°3	257	269	93	100	ENE 2	Calm 0	8	10	235	
18	30°01	29°62	40°9	42°2	37°8	49°2	218	247	86	92	S 3	S 3	1	7	8	
19	30°01	29°66	42°7	47°7	40°0	51°0	255	266	92	81	S 2	SSW 4	5	10	355	
20	29°73	28°84	46°9	45°1	44°0	52°5	276	296	87	98	SSW 4	WSW 3	8	10	100	
21	29°57	29°39	44°7	43°5	42°8	52°0	266	249	90	88	W 2	W 2	9	8	040	
22	29°59	29°75	41°3	43°7	38°0	47°0	231	267	89	93	W 2	NW 1	1	10	010	
23	29°54	30°04	44°7	36°7	36°0	51°7	257	212	87	98	N 1	Calm 0	6	0	—	
24	30°14	30°13	38°3	42°8	34°5	51°0	225	235	98	85	SSW 1	SE 1	10	10	—	
25	30°14	30°45	40°2	42°2	36°0	50°0	232	250	93	92	SW 1	SW 2	9	4	—	
26	30°14	29°58	45°6	46°1	40°2	48°0	266	275	87	89	W 4	WSW 5	10	10	130	
27	30°18	30°19	40°6	40°2	38°0	48°0	216	222	86	90	W 3	W 1	8	9	100	
28	29°72	29°37	43°7	48°7	38°2	49°8	246	309	86	90	W 2	SW 5	10	10	120	
29	29°40	29°37	45°2	47°7	43°0	50°8	251	299	84	91	WSW 2	SW 4	6	10	040	
30	29°32	29°01	48°7	47°5	44°4	51°0	301	309	87	94	SW 4	SW 5	10	6	355	
Means	29°69	29°54	42°2	42°7	37°7	48°3	240	252	88.4	91.1	2°4	2°6	7°1	7°7	2°520	

MARKREE CASTLE, SLIGO.

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

FEBRUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 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°04	29°03	47°0	46°5	43°4	51°1	289	281	90	90	SSW 4	SE 4	10	10	178	
2	30°06	30°24	47°1	42°2	41°8	50°4	300	250	93	92	Calm 0	SSE 2	10	4	—	
3	30°14	30°14	44°1	48°2	39°1	50°0	245	310	84	93	SW 3	SE 3	10	10	—	
4	30°08	29°83	49°1	48°0	47°5	54°4	293	285	84	86	SW 3	SSE 5	10	10	188	
5	29°17	29°03	40°1	37°2	34°3	49°6	221	204	89	92	NW 1	Calm 0	2	0	018	
6	30°17	29°05	41°5	47°9	35°8	49°4	226	303	87	92	SSE 4	SW 5	10	10	300	Sharp squall op. < rop.
7	30°17	29°07	39°1	39°5	36°6	47°9	219	219	92	90	Calm 0	Calm 0	5	10	018	☉ gp.
8	30°14	29°48	35°7	31°5	30°4	45°9	149	154	70	87	WSW 1	Calm 0	7	1	—	☉ gp. ☉ gp.
9	30°18	29°24	37°1	33°5	30°3	39°5	190	167	86	87	NNE 1	Calm 0	10	9	010	
10	30°17	29°37	40°2	37°1	32°5	43°4	211	201	85	91	SSW 4	WSW 2	10	7	005	
11	30°17	29°37	35°1	43°3	27°1	45°4	165	258	80	92	SSE 3	SSW 2	8	10	153	☉ gp.
12	29°57	29°41	37°7	35°9	33°3	44°5	204	181	90	86	WSW 3	Calm 0	9	1	102	☉ at times. < op.
13	30°02	29°45	32°3	43°5	29°7	44°8	161	258	88	91	Calm 0	SSE 7	5	10	133	☉ gp.
14	29°37	29°63	43°5	32°9	31°8	46°7	256	175	90	93	S 3	Calm 0	10	0	005	Sharp squalls a. ☉ gp.
15	29°40	28°80	38°1	44°7	30°2	45°6	191	266	83	93	ESE 4	SSE 5	10	10	040	☉ gp. (force 7 in squalls), p.
16	28°79	29°45	43°1	41°2	37°3	46°2	246	240	88	93	ESE 4	SSW 4	10	10	345	
17	29°17	29°06	39°8	43°5	37°3	49°9	215	261	88	92	SSW 4	S 3	10	10	006	☉ gp.
18	29°58	29°44	44°4	44°3	37°9	51°6	272	259	93	89	S 1	SSW 2	10	10	194	
19	28°76	28°86	46°5	44°3	43°5	51°7	293	270	94	93	WSW 2	Calm 0	10	8	033	☉ gp.
20	29°10	29°47	43°6	41°7	41°5	50°1	270	236	95	90	Calm 0	Calm 0	10	2	037	
21	29°14	29°74	38°4	41°4	33°5	48°9	210	242	91	93	Calm 0	Calm 0	0	5	045	☉ a. ☉ gp.
22	29°44	30°00	45°0	37°5	37°3	49°9	239	209	80	93	N 2	Calm 0	8	7	—	
23	30°14	30°11	42°6	28°9	30°2	185	258	94	94	94	Calm 0	Calm 0	10	10	144	☉ a.
24	30°11	30°11	41°1	37°9	37°0	48°4	257	230	96	89	NW 1	Calm 0	10	9	—	
25	30°11	30°08	44°1	46°2	39°0	49°2	260	270	89	87	Calm 0	WNW 4	10	10	124	
26	30°07	30°08	43°9	41°2	39°3	48°9	178	219	82	85	NNW 4	N 2	10	8	088	☉ at times.
27	29°84	29°47	43°7	48°1	39°6	50°6	243	318	85	95	W 1	WNW 4	10	10	098	
28	29°53	29°46	45°3	48°1	43°9	52°1	268	301	89	90	WNW 3	WNW 4	10	10	023	
29	29°39	29°03	48°0	47°4	46°7	54°5	290	286	87	88	W 4	SW 5	10	9	197	☉ (reaching force 6) at night.
Means	29°62	29°54	41°7	42°1	36°8	48°6	233	245	87.0	90.4	2°0	2°3	8°8	7°6	2°484	

DUBLIN.

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

FEBRUARY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	30° 12'2	50° 1	48° 2	47° 2	52° 3	in.	in.	%	%	SSW 2	SW 4	9	5	ins.	Very fine day. Wind freshening p.
2	30° 16'5	30° 12'2	50° 1	48° 2	47° 2	52° 3	294	265	81	79	SSW 2	SW 4	9	5	—		
3	30° 08'8	29° 20	50° 0	50° 0	47° 1	53° 3	307	324	85	90	SSW 2	SW 1	7	10	—	Very fine day. ☁ p.	
4	30° 18'9	30° 01'8	54° 4	50° 6	44° 3	57° 8	247	232	59	63	SSW 3	SSE 3	8	0	*074		
5	29° 28'8	29° 09	45° 3	39° 1	38° 9	52° 1	274	200	91	84	W 2	Calm 0	8	0	—	Temp. rose fast a. Summer-like day.	
6	29° 06'6	28° 18'2	42° 2	32° 5	35° 4	53° 4	221	231	83	84	SE 2	SW 6	10	10	104		
7	29° 46'3	29° 44	44° 6	40° 1	39° 5	52° 6	228	229	78	93	SSW 2	N 2	4	10	*599	Squally ☉ p. Warm.	
8	29° 47'1	29° 40	38° 0	37° 3	36° 8	45° 3	206	188	90	85	WbyS 2	S 2	1	2	140		
9	29° 07'2	29° 23'9	42° 2	40° 4	37° 0	43° 5	241	242	90	97	EbyS 5	NW 2	10	7	100	Wind backing in evening.	
10	29° 34'7	29° 64'1	42° 2	42° 1	36° 6	47° 5	243	228	90	85	S 1	W 2	9	8	—		
11	29° 78'1	29° 53'4	34° 3	44° 8	32° 1	46° 1	174	257	87	87	Calm 0	S 4	4	7	*036	Squally a. Wind backing.	
12	29° 62'7	29° 00	41° 1	37° 3	37° 0	46° 2	198	172	77	77	SW 4	W 5	3	0	—		
13	29° 11'4	29° 69'4	35° 8	45° 0	34° 2	46° 1	179	257	85	86	Calm 0	SSE 8	3	10	*246	☉ with squalls p.	
14	29° 51'2	29° 73'1	46° 3	38° 6	38° 2	49° 4	249	207	80	80	SSW 4	W 1	3	0	—		
15	29° 53'9	29° 07'0	42° 6	45° 9	34° 8	46° 0	247	285	90	93	SE 4	SSE 3	10	10	*060	☉ (Wind died down at 8p. (SE. force 8-9p.))	
16	28° 79'3	28° 63'2	45° 2	42° 9	41° 0	47° 0	258	222	86	81	E 5	WSW 6	10	9	*430		
17	28° 78'7	28° 82	42° 8	46° 1	40° 0	51° 2	213	284	78	91	SSW 3	SSW 2	0	8	*085	☉ ² (E. force 7-8) 9a.-4p. Bar. [28° 37'3 4. 15p. when wind shifted to SW.	
18	29° 05'6	28° 89'3	46° 9	49° 8	43° 8	53° 2	265	267	84	75	SW 3	SW 7	3	6	*087		
19	28° 88'3	28° 08'8	50° 0	47° 0	46° 2	53° 1	269	271	75	85	SW 6	WSW 6	5	9	*033	☉ (gale) p. Much cir.	
20	29° 11'0	29° 47'9	46° 9	44° 0	43° 4	52° 3	256	246	81	85	WbyS 5	W 3	3	5	—		
21	29° 66'6	29° 72'5	42° 8	42° 4	41° 0	48° 5	227	237	83	88	W 3	W 3	1	7	*010	Squally from SW. a. Partial ☉ 3.30p.	
22	29° 89'1	29° 08'3	44° 1	44° 2	40° 2	48° 2	247	226	85	77	N 2	NbyW 3	8	10	*011		
23	30° 13'2	30° 17'8	43° 2	43° 1	41° 4	47° 3	247	241	89	86	NW 1	Calm 0	9	8	—	☉ a. ☉ 9a.-10a. ☉ 9p.	
24	30° 34'3	30° 49'0	41° 2	40° 9	38° 3	46° 8	235	224	92	88	Calm 0	WNW 1	10	2	—		
25	30° 44'1	30° 15'4	42° 7	45° 1	38° 3	48° 0	224	250	82	83	WSW 3	Wb 3	9	9	*074	Smoke ☁ a. ☉ ² 10.30p. Bar. [30° 50'4 Midt.	
26	30° 05'6	29° 06	42° 6	41° 1	40° 3	47° 3	205	210	75	82	WNW 4	NW 3	4	8	—		
27	29° 00'0	29° 56'2	42° 7	48° 1	38° 0	49° 5	224	208	82	89	W 4	W 5	8	10	*015	☉ a. and p. Squally.	
28	29° 51'7	29° 55'8	48° 0	48° 7	46° 1	51° 6	278	264	84	77	WbyN 3	W 6	10	—	☉ with squalls p.		
29	29° 50'2	29° 25'8	48° 7	50° 1	48° 0	54° 3	284	268	82	74	WbyS 5	WSW 4	8	8	—	☉ with squalls p. Mild.	
Means	29° 67'1	29° 62'2	44° 2	44° 5	40° 3	49° 7	242	248	83° 3	84° 2	a° 8	3° 4	6° 2	6° 6	2° 58'1		☉ with squalls a. and p. Brilliant at intervals.

DUNROBIN CASTLE.

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

MARCH 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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° 2	37° 6	37° 6	48° 5	in.	in.	%	%	SW	SW	—	—	ins.	* 190
2	28° 488	28° 567	44° 2	37° 6	37° 6	48° 5	* 242	* 205	83	91	SW	W	—	—	* 190	* 190
3	* 765	28° 784	40° 2	33° 4	31° 5	47° 3	* 209	* 178	84	91	SW	W	—	—	* 190	* 190
4	28° 859	29° 034	39° 2	39° 4	30° 0	46° 0	* 183	* 218	76	91	W	SW	—	—	* 080	* 080
5	29° 316	* 670	41° 2	38° 9	33° 5	48° 0	* 221	* 223	86	95	SW	W	—	—	—	—
6	* 668	* 711	39° 2	41° 2	35° 4	43° 3	* 220	* 248	92	96	W	SW	—	—	* 210	* 210
7	29° 610	29° 583	52° 3	48° 5	40° 2	54° 3	* 339	* 311	86	91	SW	SW	—	—	* 040	* 040
8	30° 015	30° 294	45° 9	39° 4	37° 4	51° 3	* 260	* 222	85	92	W	NW	—	—	—	—
9	* 378	* 366	46° 9	43° 6	37° 6	53° 0	* 283	* 282	89	99	SW	W	—	—	—	—
10	* 323	* 166	44° 4	37° 1	35° 4	48° 0	* 246	* 217	84	98	SW	W	—	—	—	—
11	* 191	* 315	44° 9	42° 2	36° 6	48° 0	* 254	* 269	86	100	SW	NE	—	—	* 330	* 330
12	* 424	* 419	42° 4	42° 4	40° 9	45° 3	* 247	* 247	91	91	NE	NE	—	—	—	—
13	* 297	* 182	43° 4	41° 2	40° 9	48° 7	* 257	* 248	91	96	E	NE	—	—	* 670	* 670
14	* 142	* 288	41° 4	42° 2	37° 4	47° 7	* 238	* 250	91	92	SW	N	—	—	—	—
15	* 340	* 370	41° 9	41° 9	34° 0	47° 5	* 240	* 236	91	90	S	NE	—	—	—	—
16	* 366	* 307	42° 2	41° 6	40° 5	45° 3	* 243	* 239	90	92	SE	SE	—	—	—	—
17	* 272	* 266	42° 6	42° 6	39° 6	42° 6	* 232	* 214	85	79	E	SE	—	—	—	—
18	* 852	* 265	41° 9	37° 6	37° 6	47° 7	* 219	* 205	83	91	E	NE	—	—	—	—
19	* 309	* 315	44° 2	37° 4	31° 7	50° 3	* 257	* 200	89	90	E	NE	—	—	—	—
20	* 365	* 383	47° 2	41° 6	31° 5	50° 0	* 204	* 203	68	78	SE	NE	—	—	—	—
21	* 392	* 423	37° 6	40° 6	31° 7	46° 0	* 221	* 240	99	95	E	NE	—	—	—	—
22	* 409	* 342	39° 6	40° 4	37° 6	48° 3	* 229	* 251	94	100	E	NE	—	—	—	—
23	* 356	* 363	41° 2	37° 1	37° 1	42° 3	* 240	* 217	93	98	E	E	—	—	—	—
24	* 365	* 375	35° 1	35° 5	31° 7	40° 0	* 193	* 207	94	99	NW	NW	—	—	—	—
25	* 393	* 323	36° 5	39° 4	33° 0	43° 0	* 214	* 222	99	92	W	NE	—	—	—	—
26	* 260	* 217	43° 9	40° 2	32° 5	49° 5	* 235	* 228	82	92	SE	E	—	—	—	—
27	* 229	* 270	41° 9	39° 4	35° 4	41° 9	* 219	* 206	83	86	E	E	—	—	—	—
28	* 290	30° 216	39° 2	40° 9	36° 1	45° 7	* 201	* 247	84	97	SE	E	—	—	—	—
29	30° 131	29° 084	38° 4	41° 2	34° 0	42° 5	* 228	* 240	99	93	SE	SE	—	—	* 030	* 030
30	29° 069	30° 017	46° 4	43° 4	39° 8	55° 7	* 260	* 262	83	93	SW	SW	—	—	—	—
31	* 943	29° 617	43° 0	44° 9	37° 6	50° 0	* 260	* 288	91	97	E	E	—	—	—	—
31	29° 241	29° 272	45° 6	45° 2	44° 2	48° 3	* 270	* 266	88	89	E	E	—	—	* 060	* 060
Means	30° 012	30° 023	42° 4	40° 6	36° 1	47° 3	* 238	* 235	87° 5	92° 7	—	—	—	—	1° 610	1° 610

BRAEMAR.

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

MARCH 1880.

1	28° 6'32	28° 6'81	38° 0	31° 0	31° 0	45° 8	*166	80	96	SW	10	N	6	7	10	*240	*	
2	*800	28° 8'56	33° 7	31° 7	31° 0	43° 5	*159	82	77	SW	4	SW	2	4	7	*030	*	
3	28° 8'90	29° 0'75	38° 4	32° 9	29° 2	41° 8	*448	162	77	SW	0° 5	SW	1	6	7	*020		
4	29° 3'54	*661	36° 0	37° 8	32° 9	40° 7	*170	190	80	84	SW	2	SW	2	3	7	*110	
5	*689	*706	34° 2	44° 4	34° 2	44° 4	*192	256	97	88	SW	0° 5	SW	1	8	10	*030	
6	*714	29° 6'95	45° 0	45° 6	44° 3	48° 3	*260	259	85	85	SW	2	SW	2	8	10	—	
7	29° 9'82	30° 3'27	40° 7	34° 9	34° 4	49° 5	*176	165	70	81	NW	4	W	0° 5	1	0	—	
8	30° 4'60	*466	42° 0	37° 6	30° 6	54° 8	*241	209	91	93	NW	1	SW	0° 5	6	1	—	
9	*333	*182	33° 5	33° 0	30° 4	55° 5	*176	182	92	97	NW	0° 5	SW	0° 5	0	10	—	
10	*214	*290	31° 7	38° 6	26° 4	52° 6	*151	199	85	85	SW	0° 5	E	1	5	7	—	☞
11	*421	*423	36° 6	36° 8	36° 6	49° 3	*211	198	98	91	NW	1	SW	1	5	5	*050	
12	*362	*234	38° 4	33° 1	33° 1	48° 1	*210	185	91	98	NE	2	SE	0° 5	8	10	*760	* and * (sleet).
13	*190	*315	40° 9	35° 7	33° 1	45° 3	*212	198	84	95	NW	0° 5	SW	0° 5	4	8	—	
14	*361	*358	29° 9	36° 8	27° 4	44° 8	*142	210	85	97	SW	0° 5	SE	1	8	10	—	
15	*364	*292	35° 7	36° 6	33° 7	42° 2	*196	184	94	85	SE	1	SE	1	8	10	*100	
16	*250	*220	33° 7	33° 5	33° 5	39° 5	*174	156	89	82	NE	1	NE	1	9	8	—	
17	*250	*361	33° 9	28° 7	26° 2	42° 7	*191	129	98	83	E	0° 5	E	0° 5	6	1	—	
18	*389	*470	30° 7	32° 7	21° 8	52° 7	*120	145	70	77	NE	0° 5	NE	0° 5	0	0	—	
19	*426	*364	32° 7	32° 8	23° 1	59° 1	*124	155	67	83	E	0° 5	E	0° 5	0	0	—	
20	*398	*443	30° 7	30° 9	22° 2	55° 2	*118	144	69	82	SE	0° 5	E	0° 5	0	0	—	
21	*385	*339	33° 7	33° 3	22° 6	56° 3	*154	172	80	90	NW	1	E	0° 5	0	0	—	
22	*357	*370	31° 9	31° 9	24° 2	55° 5	*132	155	73	86	E	0° 5	E	0° 5	0	0	—	
23	*397	*406	29° 0	34° 5	26° 6	48° 5	*128	170	81	85	W	0° 5	SE	0° 5	0	0	—	
24	*474	*376	27° 2	30° 1	24° 6	46° 7	*142	137	96	81	SE	0° 5	E	0° 5	0	0	—	
25	*278	*259	31° 4	30° 7	20° 1	48° 1	*105	*551	60	88	E	0° 5	E	0° 5	0	0	—	
26	*232	*255	30° 9	31° 7	20° 4	51° 5	*149	156	87	87	NE	0° 5	E	0° 5	0	3	—	☞
27	*297	*302	31° 4	31° 0	28° 4	50° 3	*125	151	70	87	SE	0° 5	E	0° 5	7	3	—	☞
28	30° 1'04	29° 9'98	32° 1	42° 6	25° 6	52° 5	*140	210	76	78	E	0° 5	SW	2	1	8	—	☞
29	29° 9'81	30° 0'23	46° 5	42° 9	39° 5	53° 7	*194	226	62	82	SW	0° 5	W	1	2	9	—	☞
30	*960	29° 6'84	42° 3	42° 9	38° 3	47° 5	*226	*212	84	78	SE	0° 5	S	1	7	7	*050	
31	29° 2'58	29° 2'58	40° 0	39° 9	39° 3	45° 3	*218	223	89	91	SE	0° 5	SE	1	9	10	*170	
Mears	30° 0'39	30° 0'53	35° 1	35° 4	29° 8	48° 7	*170	*180	82° 0	86° 4	1° 3	1° 0	3° 9	5° 2	1° 560			

LAUDALE.

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

MARCH 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins. 28°625	ins. 28°683	43°2	41°5	39°9	47°2	in. .187	in. .243	% 67	% 93	WSW 8	WSW 7	10	6	ins. .350	[lying on the hills.]
2	28°870	28°787	38°2	39°0	36°6	47°6	.208	.181	91	77	W 7	W 2	7	10	.350	n. and a. Δ ● * showers. *
3	29°000	29°059	35°0	43°6	33°2	43°6	.190	.194	93	68	W 6	W 4	7	10	.190	* showers. * on hills.
4	.400	.686	44°7	42°0	34°1	47°0	.242	.225	82	85	WNW 7	WNW 3	7	10	.500	g.p.
5	.646	.669	45°1	50°8	37°4	52°1	.252	.315	84	85	SW 5	SW 6	10	10	.390	g.a.
6	29°724	29°685	49°2	47°6	45°1	52°3	.208	.293	86	90	SW 5	SW 4	10	10	.760	
7	30°094	30°281	46°0	44°5	41°5	49°6	.220	.245	71	83	WSW 3	WSW 1	2	8	.010	
8	.474	.390	47°2	47°2	42°5	48°8	.286	.271	89	84	S 1	ENE 1	9	3	—	
9	.305	.131	39°8	40°1	37°2	54°6	.211	.225	87	91	E 1	E 1	0	2	—	Δ a. and p.
10	.191	.223	41°8	46°0	36°1	48°0	.249	.221	95	72	Calm o	Calm o	10	10	—	Δ a. and p.
11	.337	.275	44°0	47°0	40°9	48°3	.211	.214	73	67	E 2	E 3	3	4	.280	a.
12	.279	.278	44°6	43°4	42°9	47°0	.260	.241	89	85	E 3	E 1	10	10	.110	Δ p.
13	.225	.236	46°0	44°5	40°1	52°0	.274	.245	89	83	Calm o	Calm o	3	5	.090	
14	.286	.259	47°8	42°0	40°4	51°9	.247	.214	75	81	E 1	Calm o	3	0	—	
15	.312	.228	41°2	41°8	37°5	48°1	.194	.202	75	77	E 3	E 1	0	4	—	g.a.
16	.159	.049	42°4	39°0	38°4	43°0	.179	.149	67	63	E 4	E 5	10	0	—	
17	.082	.178	41°2	44°2	37°1	48°1	.157	.181	61	62	E 5	E 4	10	4	—	
18	.273	.372	42°1	44°0	36°6	52°3	.266	.172	99	59	E 3	E 1	0	0	—	
19	.375	.273	44°0	42°6	36°4	60°0	.202	.169	70	62	Calm o	Calm o	0	0	—	┌
20	.304	.327	41°0	48°0	33°9	60°0	.194	.173	76	52	E 1	E 1	0	0	—	
21	.339	.306	46°8	49°0	36°1	52°0	.201	.280	63	80	E 1	E 1	0	0	—	
22	.341	.303	37°1	37°4	35°4	52°1	.199	.196	90	88	E 2	N 1	0	0	—	
23	.356	.365	39°6	39°9	34°9	44°0	.206	.170	85	69	ESE 1	ESE 1	10	10	—	Δ a. and p. └
24	.375	.240	37°0	41°2	31°7	51°0	.184	.166	84	64	Calm o	E 3	0	0	—	
25	.167	.093	46°2	40°2	34°3	55°0	.159	.157	51	63	E 2	E 2	0	0	—	
26	.146	.128	44°8	45°0	36°7	46°5	.167	.177	56	59	E 2	E 1	0	0	—	g.a. and g.p.
27	.211	.178	42°3	44°4	33°3	51°1	.162	.200	60	68	E 3	E 2	0	6	—	
28	30°109	30°025	43°1	40°0	37°0	50°1	.180	.207	64	67	E 3	W 3	10	10	.070	
29	29°983	29°973	47°1	45°2	41°9	51°3	.302	.292	93	97	Calm o	Calm o	10	10	.070	
30	.909	.576	49°0	47°0	40°1	53°5	.259	.181	74	56	S 2	S 5	9	6	.030	g.a.
31	29°077	29°280	46°1	44°0	44°2	51°6	.262	.224	84	77	S 1	S 2	10	8	.500	
Means	29°999	29°985	43°3	43°8	37°8	50°3	.220	.214	78°2	74°4	2°6	2°1	5°2	5°0	3°700	

DUNDEE.

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

MARCH 1880.

1	28°7'25	28°7'42	40°4	35°5	46°7	*213	*172	85	85	W	12	SW	12	10	10	'050	2	(gale) n. and during day, with	
2	*847	28°8'05	37°4	37°4	35°2	44°8	*189	*189	85	85	W	8	W	1	7	10	'300	2	n. and till 100.
3	28°8'71	29°0'85	34°5	36°5	32°2	43°8	*188	*199	91	92	NW	1	NW	2	10	7	—	*	n. and till 6a.
4	29°3'69	*649	39°4	41°4	35°2	46°7	*188	*203	78	79	W	6	W	6	5	7	'150	Fine.	
5	*711	*737	38°4	48°4	38°3	48°7	*214	*304	93	100	SE	1	SW	1	10	10	—		
6	29°7'68	29°6'77	47°4	47°4	47°3	50°7	*282	*282	87	87	SW	2	SW	2	10	10	—		
7	30°0'10	30°3'33	44°4	40°4	40°3	52°7	*273	*194	93	78	NW	1	NW	1	5	0	—	Fine.	
8	*506	*474	38°4	38°4	32°2	57°7	*214	*232	93	100	SW	1	NW	1	5	0	—	Fine.	
9	*352	*205	37°4	36°5	34°2	39°8	*208	*216	93	100	SE	1	NW	1	10	10	—		
10	*186	*281	37°4	39°4	33°2	47°7	*208	*242	93	100	SE	1	NE	2	10	10	'100		
11	*444	*471	39°4	39°4	39°3	41°8	*242	*224	100	93	SE	1	SE	2	10	10	'050		
12	*381	*220	39°4	39°4	39°3	40°8	*242	*242	100	100	SE	6	SE	6	10	10	'900		
13	*209	*274	43°4	42°4	36°2	50°7	*241	*231	85	86	NW	1	W	1	5	5	—		
14	*333	*361	38°4	40°4	34°2	47°7	*232	*213	100	85	SE	1	SE	1	10	10	—		
15	*363	*331	40°4	39°4	38°3	42°8	*232	*224	93	93	SE	1	SE	1	10	10	'050		
16	*246	*206	37°4	37°4	37°2	39°8	*189	*172	85	77	SE	2	SE	6	10	10	—		
17	*241	*346	38°4	37°4	35°2	42°8	*179	*189	78	85	SE	6	SE	6	10	10	—		
18	*403	*452	41°4	36°5	33°2	51°7	*203	*199	79	92	SE	1	E	1	0	0	—		
19	*416	*333	37°4	35°5	28°2	53°7	*126	*172	57	83	E	1	NE	1	7	0	—		
20	*399	*445	36°5	37°4	28°2	45°8	*199	*208	92	93	E	1	E	1	10	10	—		
21	*405	*344	39°4	33°5	33°5	44°8	*188	*174	78	91	W	1	E	1	10	0	—		
22	*394	*374	38°4	38°4	33°2	40°8	*197	*197	85	85	W	1	SE	1	10	10	—		
23	*393	*416	39°4	34°5	34°2	41°8	*224	*182	93	91	NE	1	NE	1	10	10	—		
24	*440	*367	37°4	38°4	33°2	40°8	*189	*197	85	85	SE	1	SE	1	10	10	—		
25	*295	*241	42°4	36°5	35°2	45°8	*195	*199	72	92	SE	1	SE	1	5	10	—		
26	*260	*268	36°5	34°5	34°5	41°8	*181	*163	84	81	SE	1	SE	2	10	10	—		
27	*290	*247	38°4	34°5	32°2	41°8	*197	*163	85	81	NE	1	SE	1	10	7	—		
28	30°1'66	30°0'25	38°4	44°4	32°2	53°7	*179	*250	78	86	W	1	W	1	7	10	—		
29	29°9'74	29°9'87	45°4	43°4	42°3	57°7	*240	*241	80	85	W	1	SE	2	5	10	—		
30	*070	*709	42°4	40°4	40°4	48°7	*252	*251	93	100	SE	1	SE	1	10	10	'050		
31	29°3'14	29°2'58	41°4	41°4	38°3	43°8	*242	*242	93	93	SE	6	SW	1	10	10	'400		
Means	30°0'54	30°0'56	39°6	38°9	35°5	40°4	*211	*212	86°6	89°1		2°3		2°2	8°4	7°9	2°050		

GLENALMOND.

Height above Mean Sea Level, 529 feet. Long. 3° 40' W. Lat. 56° 27' N.

MARCH 1880.

Day	Barometer at 52° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Mn.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	°	°	°	°	in.	in.	%	%	SW 4	SW 2	10	10	ins.	* all day. * (sleet), 9p.
2	28°720	28°733	38°3	32°2	32°1	45°8	104	181	71	99	SW 2	Calm 0	2	10	841	* ga.
3	*865	28°807	35°9	34°2	32°0	48°0	173	178	81	89	SW 2	SW 1	8	1	336	* n. * ga.
4	28°912	29°009	35°8	34°1	32°2	40°0	*89	*75	89	88	SW 2	SW 1	8	1	047	* n. * ga.
5	29°421	*671	39°6	40°6	32°7	43°0	166	189	68	74	WNW 2	WSW 3	2	5	179	Fine day.
6	*696	*735	40°1	47°9	34°0	48°0	169	315	68	95	SW 4	SW 2	10	10	111	
7	29°757	29°678	47°0	46°5	41°5	49°6	*77	*288	87	92	W 2	S 3	10	7	159	
8	30°007	30°353	44°1	35°1	35°1	51°4	171	181	59	88	WNW 2	Calm 0	0	0	—	Fine day.
9	*494	*482	42°9	37°0	31°0	56°4	216	208	79	95	Calm 0	Calm 0	1	0	—	Fine day.
10	*368	*211	30°6	34°3	30°1	38°5	166	184	91	93	Calm 0	S 1	10	10	—	~ a. and p.
11	*192	*270	36°0	44°1	32°0	45°3	167	194	78	67	Calm 0	Calm 0	0	10	015	Fine day.
12	*412	*443	34°5	39°0	34°5	44°1	*190	*218	95	92	E 2	E 4	10	10	305	
13	*885	*232	38°5	38°3	36°1	39°6	333	140	100	61	NE 1	Calm 0	10	10	913	* all day.
14	*218	*297	44°8	39°0	34°1	51°3	*237	*218	80	92	SW 1	Calm 0	0	6	—	Fine day.
15	*331	*352	37°6	39°9	31°2	45°6	*198	*227	88	93	SW 1	SE 1	9	10	—	
16	*358	*307	38°2	38°4	36°1	40°7	*218	*214	95	93	Calm 0	SE 2	10	10	025	
17	*244	*208	36°7	35°5	34°9	38°7	*187	*167	86	80	NE 2	SE 3	10	9	—	
18	*223	*335	37°1	36°4	32°8	46°0	*174	*189	79	88	ESE 2	ESE 2	8	10	—	Fine day.
19	*413	*456	37°4	37°0	33°1	52°9	*182	*184	82	84	SE 1	Calm 0	4	0	—	Fine day.
20	*426	*344	41°7	36°0	28°2	51°9	*178	*175	68	82	Calm 0	SS 2	1	0	—	Fine day.
21	*381	*455	37°8	35°4	27°4	48°9	*161	*180	70	87	Calm 0	Calm 0	0	9	—	
22	*406	*356	38°0	31°2	27°5	48°9	*190	*163	83	93	Calm 0	Calm 0	10	0	—	
23	*393	*376	34°4	36°6	30°7	40°0	*175	*188	87	87	Calm 0	Calm 0	10	9	—	
24	*398	*394	36°6	31°0	30°8	40°6	*184	*148	85	85	Calm 0	Calm 0	9	0	—	Fine day.
25	*433	*379	34°0	36°5	27°2	43°6	*156	*186	79	86	E 1	Calm 0	9	10	—	
26	*293	*250	40°0	35°8	34°1	46°1	*182	*177	73	84	NE 2	NE 2	8	9	—	Fine day.
27	*262	*274	34°9	34°5	33°1	43°5	*167	*172	82	86	ENE 1	Calm 0	10	10	—	
28	*299	*272	34°2	30°4	30°4	43°0	*153	*142	77	83	Calm 0	Calm 0	9	2	—	*°
29	*184	30°042	30°4	44°5	29°5	49°9	*154	*216	83	74	SW 1	Calm 0	0	7	001	Fine day.
30	30°028	29°998	48°0	45°0	37°3	57°3	*263	*253	79	85	WSW 1	ENE 3	8	7	—	Fine day.
31	29°994	*707	41°3	42°0	40°4	48°6	*241	*207	93	78	Calm 0	Calm 0	10	3	—	
	29°260	29°940	40°0	40°0	38°0	45°0	*226	*226	92	92	S 4	SW 2	10	10	321	
Means	30°056	30°057	38°3	37°7	32°9	46°2	190	196	81°5	86°0	1°2	1°0	6°7	6°6	3°253	

ROTHESAY.

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

MARCH 1880.

1	28° 8'24	28° 8'33	38° 1	38° 1	33° 7	48° 9	*200	*191	87	83	W	WSW	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	352
2	28° 9'62	28° 8'43	39° 1	37° 1	35° 2	44° 5	*204	*185	91	85	SW	SE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2 in squalls. ☉ ☼
3	29° 0'86	29° 1'46	40° 1	41° 4	35° 2	45° 5	*190	*235	76	91	WNW	WNW	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	150
4	498	*760	39° 4	41° 4	37° 2	48° 4	*216	*235	90	91	W	SW	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	615
5	*721	*823	38° 3	50° 0	37° 2	50° 9	*227	*339	99	94	SE	SW	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	235 Dull, with ☉ ☉
6	29° 8'13	29° 7'50	49° 3	47° 5	45° 1	51° 4	*288	*321	82	98	SW	SW	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	100 Dull, with ☉ ☉
7	30° 0'79	30° 3'33	46° 1	38° 1	38° 1	49° 9	*234	*209	75	91	NW	Calm	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	*515	*488	44° 1	39° 1	34° 7	53° 9	*251	*229	86	96	SE	Calm	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	*320	*210	39° 1	40° 6	32° 7	52° 4	*219	*244	92	97	SW	Calm	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	*200	*267	41° 1	43° 1	35° 2	45° 5	*238	*218	93	78	Calm	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Cloudy, with ☉
11	*376	*364	41° 1	43° 1	37° 6	51° 9	*218	*248	85	89	ESE	SE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	323
12	*311	*220	42° 6	40° 6	40° 1	44° 0	*264	*244	97	97	ESE	Calm	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	740 Dull, with ☉ ☉
13	*270	*311	45° 1	42° 6	38° 1	51° 9	*248	*264	83	97	W	Calm	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	002
14	*318	*322	43° 6	41° 7	41° 1	47° 4	*263	*213	93	81	E	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	*282	*260	40° 1	42° 1	37° 2	47° 4	*208	*234	84	88	ENE	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	☉. Breezy.
16	*104	*118	39° 1	36° 0	35° 4	42° 5	*200	*158	84	74	E	SE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Blowly and cold.
17	*157	*190	37° 3	38° 7	33° 7	48° 9	*166	*195	75	83	E	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	☼
18	*369	*237	40° 1	43° 3	34° 2	56° 2	*176	*108	71	70	NE	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	*493	*331	46° 1	39° 1	37° 2	59° 0	*201	*182	65	77	ENE	Calm	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	*335	*365	42° 6	40° 6	35° 2	51° 9	*187	*203	69	81	NE	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	*380	*320	41° 1	36° 5	36° 5	51° 5	*201	*190	79	88	ENE	Calm	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	*837	*361	38° 1	37° 1	34° 2	50° 4	*200	*207	87	94	NE	Calm	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	*396	*391	38° 4	38° 1	35° 7	43° 5	*206	*191	89	83	E	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Dull, with ☉
24	*409	*293	34° 0	38° 6	32° 2	47° 4	*176	*205	89	88	E	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	*206	*148	40° 1	38° 1	33° 7	51° 9	*199	*194	80	84	ENE	ENE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	*198	*229	39° 1	35° 5	35° 2	46° 0	*182	*180	77	86	ENE	ENE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	*164	*230	37° 1	39° 1	32° 7	46° 0	*183	*182	83	77	ENE	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	☼
28	30° 1'37	*083	40° 1	42° 1	32° 2	52° 4	*199	*259	80	97	SE	W	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Mild.
29	29° 9'81	30° 0'18	45° 1	43° 1	40° 1	55° 0	*279	*258	93	93	W	Calm	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Cloudy, with ☉. Mild.
30	*881	29° 6'59	46° 6	44° 6	39° 1	52° 9	*285	*231	90	78	W	SE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	390
31	29° 2'06	29° 3'04	46° 1	42° 1	41° 1	53° 9	*303	*248	97	93	W	SSW	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	020 Mild.
Means	30° 0'41	30° 0'40	41° 2	40° 6	36° 3	49° 8	*220	*223	84° 4	87° 4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3° 427

SCALEBY.

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

MARCH 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°0	35°8	35°0	49°0	in.	in.	0/100	0/100	SW 12	SW 6	8	10	ins.	Squally p.
2	28°063	28°920	37°6	38°8	35°2	42°0	*246	*208	92	99	SW 4	Calm 0	9	10	*070	
3	28°023	28°885	42°3	41°8	38°0	46°0	*208	*234	92	99	SW 4	Calm 0	9	10	*290	Squally a.
4	28°895	29°162	42°3	41°8	38°0	46°0	*236	*231	88	88	W 6	SW 3	9	5	—	
5	29°471	*783	41°6	43°8	38°0	47°0	*224	*239	86	84	W 6	SW 5	0	5	*450	Squally before ga.
6	*730	*866	51°3	51°8	39°5	55°0	*362	*330	96	85	SW 7	SW 8	10	10	*020	
7	29°911	29°804	48°8	47°6	47°0	52°2	*304	*307	88	94	W 7	SW 5	10	10	*090	Squally ga.
8	30°033	30°304	45°6	39°8	38°5	55°0	*273	*223	90	92	SW 1	Calm 0	3	0	—	
9	*527	*492	37°8	40°3	31°2	55°0	*200	*237	92	96	Calm 0	Calm 0	0	0	—	
10	*286	*231	36°0	42°3	33°2	49°5	*189	*252	90	94	E 2	SW 2	3	10	—	
11	*177	*191	42°0	37°3	36°5	50°0	*249	*211	94	95	NE 2	E 2	10	0	—	
12	*363	*405	41°6	42°8	33°2	50°0	*224	*251	86	92	E 3	E 3	0	7	—	
13	*309	*214	44°3	43°8	39°8	46°0	*255	*278	88	98	E 4	S 4	10	10	*190	
14	*266	*283	40°3	42°3	40°3	48°0	*233	*257	94	96	SW 3	Calm 0	10	10	—	
15	*310	*305	41°8	42°8	40°0	52°0	*240	*231	92	84	E 2	NE 4	7	10	—	
16	*274	*240	43°8	41°6	38°8	46°0	*239	*243	84	93	E 3	E 2	10	10	—	
17	*163	*121	40°6	34°8	34°0	46°0	*228	*180	90	89	E 3	E 5	4	0	—	
18	*185	*240	39°8	41°6	38°8	46°0	*186	*243	76	93	E 4	E 2	1	10	—	
19	*372	*417	37°3	37°8	29°0	58°0	*192	*187	87	83	E 5	E 4	0	0	—	
20	*403	*319	41°3	38°3	30°0	60°8	*193	*199	75	87	E 3	N 2	0	0	—	
21	*393	*366	41°6	37°1	28°2	52°0	*247	*193	94	88	NE 3	E 6	0	10	—	
22	*372	*314	43°3	35°8	35°8	54°0	*189	*179	67	86	E 2	E 5	0	0	—	
23	*362	*338	37°3	35°3	28°2	50°0	*171	*175	77	85	E 1	E 2	0	0	—	
24	*397	*403	35°8	35°6	27°8	50°2	*162	*186	77	90	Calm 0	S 2	10	0	—	
25	*410	*294	38°3	37°3	25°2	49°8	*235	*192	68	87	NE 2	E 6	0	0	—	
26	*202	*134	45°8	37°3	33°2	51°2	*249	*188	81	85	E 4	E 6	0	0	—	
27	*180	*161	40°8	35°8	33°5	46°0	*193	*188	79	90	E 5	E 5	0	0	—	
28	*221	*220	37°3	33°3	32°0	45°8	*174	*157	79	83	E 5	E 2	0	8	—	
29	*196	*087	32°6	35°8	26°8	45°2	*154	*188	84	90	Calm 0	Calm 0	10	0	—	
30	30°010	30°008	40°3	41°8	30°0	48°2	*214	*252	86	96	Calm 0	W 1	10	8	—	
31	30°987	29°779	42°6	41°3	39°0	52°5	*264	*247	97	96	SW 1	NE 2	10	10	—	
31	29°376	29°272	44°6	39°6	39°0	48°0	*241	*225	82	93	SW 4	NE 2	10	10	*480	
Means	30°054	30°050	41°1	39°7	34°7	49°9	*225	*223	85°6	90°6	3°4	3°1	5°0	5°3	1°590	

DURHAM.

Height above Mean Sea Level, 336 feet. Long. $1^{\circ} 35' \text{ W.}$ Lat. $54^{\circ} 46' \text{ N.}$

MARCH 1880.

	10 a.m.	10 p.m.	10 a.	10 p.	Min.	Max.	10 a.	10 p.	10 a.	10 p.	10 a.m.	10 a.	10 p.	10 a.m.	
1	29°00'	28°51'	43°6'	35°7'	33°3'	48°2'	211	198	75	95	SW 7°6'	WSW 3°8'	0	0	Squally \nearrow a. Δ * p.
2	29°04'	28°55'	38°1'	44°3'	34°2'	44°7'	202	275	88	95	WSW 3°5'	WSW 2°8'	9	10	Squally \nearrow a.
3	28°55'	29°16'	42°8'	40°7'	37°1'	48°2'	233	202	85	80	WNW 6°3'	WSW 1°8'	10	10	Squally \nearrow a.
4	29°54°	29°8'	46°1'	41°8'	38°0'	51°2'	230	229	74	87	W 0°7'	WSW 0°7'	1	10	Squalls before 10a.
5	29°28'	29°06'	55°7'	50°3'	39°0'	60°0'	371	304	84	83	WSW 2°4'	WSW 2°6'	9	4	0°10
6	29°12'	29°50'	45°4'	48°7'	45°4'	54°5'	269	301	89	88	SW 3°8'	SW 4°4'	10	9	Squalls p.
7	30°04'	30°39'	51°7'	39°9'	37°6'	54°7'	319	226	83	92	WNW 1°4'	S 0°8'	9	0	—
8	29°59'	29°16'	44°3'	34°2'	31°0'	56°1'	233	194	80	98	S 1°0'	S 1°8'	0	0	—
9	29°33'	29°04'	37°8'	41°3'	33°1'	43°7'	208	250	91	96	SSE 0°8'	S 2°0'	10	9	1°00
10	29°18'	29°04'	39°8'	39°2'	34°7'	42°7'	239	234	98	97	NE 0°5'	NE 0°2'	10	10	0°47
11	29°43'	29°46'	42°2'	39°7'	38°1'	44°9'	254	226	94	92	ENE 0°7'	ESE 0°5'	10	10	—
12	29°39'	29°31'	40°7'	41°1'	38°4'	43°3'	237	252	93	97	S 1°3'	SSE 2°3'	10	10	2°00
13	29°29'	29°34'	50°5'	35°8'	34°3'	57°1'	275	206	75	98	W 1°1'	NW 0°8'	4	0	1°0p.
14	29°24'	29°34'	42°5'	40°2'	31°5'	46°5'	246	232	90	93	NE 0°9'	NE 0°4'	10	10	a.
15	29°24'	29°26'	45°1'	38°2'	37°6'	45°7'	250	216	83	94	ENE 0°8'	SE 0°5'	9	10	0°23
16	29°19'	29°17'	37°7'	35°0'	34°4'	39°0'	178	168	78	82	ESE 1°4'	SE 0°8'	10	10	—
17	29°25'	29°35'	43°2'	30°2'	29°3'	47°4'	215	163	78	97	SE 0°7'	SE 0°4'	1	0	—
18	29°31'	29°42'	44°3'	29°9'	27°8'	50°1'	243	150	83	90	SE 0°3'	NW 0°1'	0	0	—
19	29°41'	29°35'	42°5'	30°2'	27°8'	54°1'	230	163	84	97	SE 0°2'	S 0°2'	0	0	—
20	29°36'	29°47'	33°0'	38°1'	23°1'	42°7'	183	207	98	90	NE 0°1'	ESE 0°7'	10	10	—
21	29°38'	29°35'	41°4'	32°7'	31°7'	48°4'	201	174	78	93	SE 1°1'	W 0°1'	10	0	1°0p.
22	29°39'	29°38'	38°5'	34°0'	29°3'	43°9'	187	180	81	91	SE 0°2'	S 0°2'	10	10	a.
23	29°43'	29°43'	40°3'	31°1'	28°2'	49°3'	184	150	73	86	SSE 0°8'	SE 0°5'	8	10	—
24	29°41'	29°39'	42°5'	34°9'	29°3'	46°4'	220	200	81	98	ESE 0°6'	SE 0°5'	3	3	—
25	29°27'	29°26'	43°5'	35°7'	32°6'	47°1'	233	204	82	98	E 0°8'	ESE 0°5'	7	9	—
26	29°22'	29°23'	39°2'	35°9'	32°5'	43°0'	216	192	90	91	E 0°4'	ENE 0°8'	10	10	—
27	29°28'	29°25'	36°2'	34°2'	31°4'	41°0'	186	178	87	89	ENE 0°3'	SSE 0°4'	10	10	—
28	30°17'	30°06'	42°6'	40°6'	31°5'	54°3'	217	209	80	83	S 0°7'	SW 0°5'	0	6	—
29	29°58'	30°01'	51°3'	42°8'	35°8'	56°4'	265	262	71	96	W 0°5'	S 0°2'	10	10	0°18
30	29°58'	29°54'	47°7'	41°2'	39°8'	54°2'	276	213	84	83	SSE 1°5'	SSW 2°3'	10	0	—
31	29°59'	29°57'	44°8'	39°5'	38°5'	46°0'	239	232	80	96	S 3°2'	NW 2°3'	10	10	540
Means	30°08'3	30°08'1	43°1'	38°0'	33°8'	48°5'	234	213	83°5	91°8	1°5'	1°2'	7°1'	6°5'	1°27'5

DOUGLAS, ISLE OF MAN.

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

MARCH 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°6	38°7	35°9	47°0	in.	in.	°/o	°/o	WSW 8	W 9	2	9	ins.	● * Δ at intervals. [10 20
2	29°73	28°94	37°5	46°7	35°2	46°8	220	279	98	88	WSW 3	SW 6	8	10	087	* before ga. * on the mountains.
3	140	29°20	44°8	42°0	41°8	48°1	243	245	82	92	W 5	WSW 3	6	10	284	
4	649	79°8	44°5	42°9	39°1	50°0	231	271	78	99	W 4	SW 2	7	10	450	
5	811	94°8	53°3	49°0	42°2	53°9	398	312	98	90	W 6	W 4	10	10	—	
6	29°947	29°829	47°5	46°6	45°8	49°4	299	316	91	100	SSW 5	SW 6	10	10	140	
7	30°105	30°370	46°8	46°6	46°6	49°9	239	219	75	87	NW 4	N 1	2	0	—	
8	514	45°8	42°5	43°8	31°6	50°0	272	257	100	90	E 2	E 3	6	0	—	ga.-9.40a. 1
9	316	196	38°2	40°0	36°3	44°3	197	247	86	100	E 3	Calm 0	8	10	—	D ² a. 2000 a. 2000 gp.
10	177	240	42°5	42°3	39°2	48°7	272	263	100	98	Calm 0	Calm 0	10	10	—	a. and p.
11	348	343	44°2	44°6	39°1	48°2	263	280	91	95	E 4	E 5	6	10	480	ga.
12	293	180	42°1	43°4	41°8	45°2	268	272	100	97	E 2	WSW 4	10	9	210	2000 ga. 2000 ga.-7p.
13	317	319	42°5	43°4	39°0	48°4	273	273	100	98	SSW 1	Calm 0	10	7	—	2000 (mist) a.
14	267	262	44°5	45°0	37°0	48°7	259	262	88	88	ENE 2	E 4	6	7	—	2000 (mist) a.
15	289	217	43°3	42°8	41°6	45°7	244	236	87	86	E 3	E 3	10	8	—	2000 (mist) ga.
16	113	060	41°0	38°2	38°2	44°1	197	188	77	82	ESE 5	ESE 6	9	9	—	
17	123	207	39°6	41°1	37°2	45°8	211	218	87	85	ESE 5	E 5	10	4	—	
18	344	390	42°5	43°8	38°3	50°2	220	224	81	77	E 4	ENE 4	1	0	—	2000 ga.
19	379	312	42°0	35°8	35°5	47°4	207	195	78	93	E 4	Calm 0	0	0	—	2000 ga. D 9p.
20	294	356	46°4	41°0	32°3	51°5	234	231	75	90	E 2	E 4	1	9	—	2000 ga.
21	355	304	39°5	42°5	38°7	45°2	205	239	85	88	ESE 3	E 3	9	0	—	2000 gp.
22	368	339	39°0	38°2	34°3	44°2	212	214	90	94	E 1	NE 1	10	0	—	2000 ga. D 9p.
23	357	367	40°0	40°7	37°5	42°8	194	224	78	88	ESE 2	ESE 3	10	8	—	2000 ga.
24	347	224	39°3	43°4	35°3	49°0	212	255	88	91	E 4	E 3	8	0	—	
25	114	071	44°5	45°2	37°0	51°3	207	215	70	72	E 4	E 4	1	0	—	
26	104	173	44°4	43°9	39°3	48°7	208	242	72	84	E 2	ESE 2	9	0	—	2000 ga.
27	214	242	42°0	41°8	37°2	49°5	237	231	89	88	E 2	E 2	6	8	—	
28	208	112	41°2	37°5	37°1	46°3	223	211	87	94	ESE 2	Calm 0	10	3	—	
29	30°013	30°017	48°7	44°2	35°2	54°0	284	270	82	97	NW 2	Calm 0	6	8	—	2000 D ga. D ² gp.
30	29°990	29°705	40°0	43°5	38°3	45°4	247	223	100	78	SE 1	S 3	10	3	275	2000 D a.
31	29°282	29°315	46°3	43°0	42°5	50°2	315	247	100	89	S 5	WNW 3	10	9	135	2000 ga. 2000 2000 9.30a.-1p.
Means	30°061	30°047	43°0	42°4	38°1	48°1	242	244	86·8	89·9	5·2	3·0	7·1	5·8	2·801	

WAKEFIELD.

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

MARCH 1880.

1	29°178	29°116	45°2	39°0	36°9	50°0	*222	*178	74	76	W	8	WSW	7	2	6	*300	Rough and wild n. and during day.
2	*070	28°093	33°7	48°2	33°4	48°3	*187	*294	96	88	S	1	WSW	6	10	5	*900	✱ ² 7.40a.-11a., 11a.-6p.
3	*058	29°275	44°9	44°2	42°9	50°1	*294	*263	99	91	SW	7	WSW	4	10	10	*450	Rough and squally ga.
4	*652	*852	44°3	47°2	38°0	50°9	*244	*273	84	85	W	6	WSW	2	6	10	*020	
5	29°845	29°086	53°0	51°9	44°0	55°4	*385	*352	96	91	SW	2	SW	2	10	10	*020	
6	30°040	30°001	51°1	51°3	48°5	54°2	*304	*323	81	85	SSW	3	SSW	4	10	7	*020	
7	*021	*366	50°1	45°2	44°6	57°2	*342	*252	94	84	W	1	E	1	10	10	—	
8	*577	*556	34°3	39°1	31°2	49°7	*192	*229	97	96	E	1	E	1	6	10	—	
9	*348	*236	39°1	44°6	35°8	45°2	*218	*290	92	98	ESE	1	S	1	10	10	*070	Dull and gloomy all day.
10	*170	*292	43°2	41°9	40°7	45°9	*275	*264	98	99	NNE	1	SE	1	10	10	—	Dull and gloomy all day.
11	*486	*476	40°1	42°6	37°0	45°9	*246	*242	99	89	S	1	ESE	1	10	10	—	Dull and gloomy all day.
12	*438	*275	39°9	44°3	39°2	45°0	*238	*283	93	97	ESE	2	ESE	1	10	10	*036	
13	*338	*442	43°2	37°3	36°8	49°9	*246	*217	88	97	W	1	W	2	8	4	—	
14	*313	*300	34°7	44°2	29°8	47°4	*199	*259	99	89	SE	1	E	1	10	10	—	☼ 9a.-11.50a. Fine till 5p., then dull.
15	*337	*318	41°7	40°3	40°3	46°9	*247	*244	93	98	NE	1	ESE	1	10	10	—	
16	*184	*448	38°5	37°7	37°1	42°4	*172	*176	74	77	E	3	E	2	10	10	—	Dull and gloomy all day.
17	*234	*341	40°7	36°1	35°8	48°9	*197	*187	78	88	E	4	E	1	6	0	—	Fine and bright all day.
18	*432	*462	36°3	38°1	32°4	54°6	*213	*189	99	82	E	3	E	1	10	0	—	☼ a. Fine from 11a.
19	*468	*350	35°1	32°2	32°2	47°1	*179	*173	87	95	SSE	2	E	2	10	3	—	
20	*370	*355	28°0	41°1	26°1	40°5	*447	*231	96	89	E	1	E	2	10	6	—	☼ till Noon, then very fine.
21	*361	*338	40°3	40°0	38°2	47°7	*219	*204	88	82	NE	1	ENE	2	9	8	—	
22	*407	*379	38°1	41°1	36°8	42°9	*181	*204	79	79	ENE	2	E	2	10	7	—	
23	*424	*448	38°3	36°1	36°1	44°9	*179	*159	78	75	E	2	E	1	10	6	—	
24	*406	*300	38°7	37°8	32°0	52°8	*179	*207	77	91	E	2	NW	1	10	4	—	
25	*242	*199	39°1	38°2	32°2	54°1	*221	*207	93	90	NE	1	E	1	10	6	—	
26	*195	*219	37°5	39°1	36°0	45°7	*197	*213	88	89	ENE	1	ESE	1	10	10	—	
27	*253	*254	37°0	38°3	35°8	42°8	*179	*184	81	80	NNE	2	E	2	10	10	—	
28	*253	*158	36°1	37°2	34°0	49°8	*171	*200	80	90	S	1	SE	1	10	0	—	
29	*027	30°009	48°2	45°2	34°2	59°1	*241	*260	72	87	W	2	W	2	8	10	—	
30	30°023	29°814	46°7	46°2	39°0	54°8	*258	*258	81	84	ESE	1	SE	2	10	0	—	
31	29°477	29°246	46°6	44°2	46°0	47°9	*268	*241	86	83	SSE	2	SE	2	10	10	*700	☼ from 0.30p.
Means	30°117	30°110	40°8	41°6	38°7	49°2	*227	*234	87.7	87.9	2°2		1°9	0°2	7°2	2°510		

KELSTERN.

Height above Mean Sea Level, 388 feet. Long. $0^{\circ} 7' W.$ Lat. $53^{\circ} 24' N.$

MARCH 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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° 6	35° 6	35° 0	48° 3	in.	in.	6/8	186	WSW 5	SW 5	4	3	ins.	✱ a. ✱ later. p. a. Very fine 9p.
2	29° 246	29° 195	45° 6	35° 6	35° 0	48° 3	186	68	100	88	S 3	SSW 6	10	10	540	
3	197	075	32° 0	48° 0	32° 0	48° 5	181	203	100	88	WSW 6	W 2	9	1	080	
4	056	302	44° 9	41° 0	40° 4	49° 7	208	235	71	92	WSW 6	W 3	4	9	—	
5	043	29° 895	42° 6	44° 2	35° 5	50° 6	227	239	83	82	WNW 4	W 3	4	9	—	
6	29° 848	30° 018	50° 9	49° 3	43° 1	54° 9	344	233	93	90	W 4	W 3	4	9	—	
7	30° 082	29° 944	47° 9	44° 9	44° 6	51° 3	271	259	82	87	SW 3	SW 4	9	1	003	
8	055	30° 376	47° 0	38° 9	38° 8	55° 3	305	218	95	93	SW 2	NE 1	10	0	—	
9	572	553	43° 0	36° 0	33° 3	47° 9	246	194	89	92	ENE 1	ESE 2	1	10	—	
10	358	267	39° 8	36° 8	35° 5	43° 3	232	218	96	100	E 1	Calm 0	10	0	314	
11	162	264	40° 2	40° 1	34° 1	44° 5	249	246	90	99	NNW 1	NW 1	10	2	—	
12	435	491	40° 9	39° 7	34° 3	43° 2	243	230	95	94	NNW 1	E 1	10	10	—	
13	446	314	38° 2	41° 0	37° 4	42° 2	231	248	100	97	ESE 4	SE 2	10	10	070	
14	333	344	45° 8	38° 0	32° 1	56° 1	287	218	93	96	NW 1	WSW 1	2	0	—	
15	316	307	43° 1	40° 2	33° 2	49° 2	241	247	86	99	SE 1	NE 1	5	10	—	
16	340	306	40° 4	38° 5	38° 3	42° 2	244	221	98	95	ESE 1	ESE 2	10	10	—	
17	185	155	36° 2	35° 3	35° 3	39° 4	177	179	83	87	E 1	E 2	10	10	—	
18	228	319	39° 0	33° 9	32° 1	44° 4	188	179	80	91	E 3	E 2	3	0	—	
19	421	459	41° 9	37° 3	31° 0	48° 7	220	203	87	91	ENE 1	E 3	0	7	—	
20	470	367	39° 5	29° 9	29° 9	47° 1	212	166	88	100	E 1	ESE 1	8	0	—	
21	356	394	29° 3	23° 2	23° 0	39° 4	162	204	100	89	NE 1	ESE 2	5	10	—	
22	390	363	40° 8	35° 3	35° 0	42° 7	207	180	81	88	E 1	NE 1	7	9	—	
23	399	390	38° 0	36° 0	34° 7	43° 5	196	199	85	95	ENE 1	ESE 1	9	10	002	
24	444	437	37° 3	32° 6	31° 8	41° 5	191	159	85	86	E 2	E 1	10	10	—	
25	393	324	43° 0	34° 3	31° 0	48° 3	226	192	82	97	E 1	E 1	1	0	—	
26	236	176	41° 2	39° 0	32° 3	49° 2	245	227	95	96	E 2	E 2	7	8	—	
27	181	207	37° 8	36° 0	36° 0	42° 6	227	194	100	92	NE 1	ENE 1	10	10	—	
28	256	263	37° 1	35° 1	34° 5	40° 6	182	179	82	87	E 1	ENE 1	10	10	—	
29	236	134	37° 5	32° 8	32° 2	40° 9	186	176	83	94	Calm 0	SSE 1	10	0	—	
30	035	30° 021	44° 0	41° 9	30° 7	48° 5	258	213	90	81	SW 1	SW 1	2	0	—	
31	30° 038	29° 887	44° 7	40° 4	37° 1	52° 5	268	222	91	89	SE 1	SE 3	9	2	—	
31	29° 550	29° 277	43° 7	37° 0	37° 0	52° 0	238	280	73	98	SSE 4	SSE 7	7	10	900	
Means	30° 126	30° 124	41° 2	38° 5	34° 6	47° 0	220	217	88° 2	92° 1	1° 9	2° 1	7° 2	5° 5	2° 009	

LLANDUDNO.

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

MARCH 1880.

1	29° 213	29° 123	44° 5	39° 8	34° 5	50° 0	*218	*218	74	90	SW	5	SW	7	5	10																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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BUXTON.

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

MARCH 1880.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	34°4	30°2	53°0	ins.	ins.	100	100	NW 3	W 4	3	0	ins.	1682
2	—	—	41°1	46°0	32°8	50°0	253	287	91	98	W 1	SW 6	10	10	10	1682
3	—	—	40°2	47°0	38°0	53°2	196	300	79	97	NW 3	W 1	6	0	—	—
4	—	—	40°5	44°1	30°8	50°2	208	287	83	99	NW 1	W 2	3	10	—	—
5	—	—	40°0	47°2	33°6	52°6	242	293	98	91	NW 3	W 2	7	0	—	—
6	—	—	39°5	49°0	37°2	52°0	238	342	98	95	NW 3	W 1	10	6	—	—
7	—	—	40°0	42°3	35°7	51°2	193	221	78	83	W 2	NE 1	3	0	—	—
8	—	—	39°1	42°3	23°6	53°6	165	268	99	99	W 1	NW 2	6	3	—	—
9	—	—	39°0	39°9	31°6	51°0	206	239	87	98	W 1	W 1	10	3	—	—
10	—	—	45°6	39°5	36°2	55°3	267	220	87	91	W 2	W 2	10	10	—	—
11	—	—	40°1	39°8	35°4	50°2	243	229	98	94	NE 2	E 3	10	2	—	—
12	—	—	40°0	47°5	36°1	57°3	245	327	99	99	NW 2	NW 1	5	10	—	—
13	—	—	42°0	39°5	33°2	53°0	215	231	82	96	NW 1	SW 1	7	10	—	—
14	—	—	42°4	40°5	32°1	53°4	260	250	96	99	SW 2	SE 1	10	10	—	—
15	—	—	39°3	36°2	33°6	46°9	234	211	98	99	NW 3	WNW 4	6	10	—	—
16	—	—	37°1	34°2	31°2	44°5	199	175	90	88	E 3	NE 2	8	4	—	—
17	—	—	35°0	37°0	32°1	49°8	188	168	94	100	E 1	ENE 1	10	5	—	—
18	—	—	34°7	30°1	26°1	51°4	188	168	94	100	E 1	E 2	3	9	—	—
19	—	—	29°9	39°2	29°9	45°3	166	233	100	97	ESE 1	E 1	4	10	—	—
20	—	—	37°1	43°5	33°8	49°8	183	280	83	99	E 1	E 2	4	4	—	—
21	—	—	34°9	44°0	31°6	50°6	199	278	98	97	E 2	E 2	10	10	—	—
22	—	—	36°2	36°9	30°0	45°6	209	199	98	91	ENE 1	NE 1	10	4	—	—
23	—	—	33°2	32°0	26°3	49°3	189	168	100	87	NE 2	E 2	4	0	—	—
24	—	—	33°1	36°0	27°0	48°0	188	198	100	91	NE 2	E 2	10	0	—	—
25	—	—	32°5	35°1	27°0	44°9	182	204	99	100	E 1	E 2	10	10	—	—
26	—	—	31°4	37°1	30°2	49°3	164	217	94	98	E 1	E 2	3	2	—	—
27	—	—	39°0	44°1	31°2	53°8	233	285	98	98	NE 1	ENE 1	0	3	—	—
28	—	—	37°1	36°0	30°2	50°2	219	212	99	100	E 1	E 2	3	2	—	—
29	—	—	45°1	41°5	34°0	55°4	290	246	97	95	NE 2	E 1	8	4	—	—
30	—	—	43°3	41°3	33°8	57°1	273	255	98	99	ESE 2	E 1	10	6	—	—
31	—	—	43°1	46°0	35°5	46°0	267	289	96	94	W 2	W 1	10	10	—	—
Means	—	—	38°1	40°5	31°9	51°1	218	242	93°9	95°5	1°8	1°8	7°0	5°5	3°802	—

NOTE.—The instrumental observations for this month must be received with some caution, as the observer states the instruments have been tampered with.

HILLINGTON, NORFOLK.

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

MARCH 1880.

1	29°336	29°242	48°7	37°1	35°1	51°4	253	196	74	88	WSW 7	SW 5	7	6	0°90	—
2	263	165	36°2	49°8	35°0	52°6	186	307	87	86	SW 5	SW 8	10	10	1°08	—
3	134	341	47°6	43°6	41°2	53°1	244	244	74	86	W 8	W 6	7	10	0°57	—
4	664	29°117	45°6	46°9	40°3	53°0	238	241	79	76	W 5	SW 3	1	10	0°17	—
5	29°891	30°058	53°1	53°2	40°0	59°7	344	313	84	77	SW 4	SW 5	10	10	—	Very fine and sunny.
6	30°121	011	49°6	48°2	45°6	53°5	284	272	82	82	SW 3	SW 4	10	10	—	Warm but overcast.
7	060	331	49°9	44°3	44°0	58°0	308	238	86	81	NW 1	ENE 3	10	10	—	Cold wind.
8	536	512	42°9	37°7	33°1	51°3	227	200	83	89	ESE 2	ESE 3	10	10	—	Cold wind noon—4p.
9	341	238	40°1	37°9	37°2	57°2	241	226	97	99	SE 1	SW 0°5	10	5	0°38	☁ 9a. Sunny 11a.—6p., then ☁ 0.
10	151	259	45°1	43°4	37°8	49°4	301	272	100	97	ESE 1	NW 0°5	10	10	0°61	☁ early a. ☁ 6a. ☁ 7.30a.
11	422	458	40°8	39°8	32°2	45°7	255	232	100	96	NW 0°5	SE 1	10	10	0°07	☁ early a. ☁ (mist) a.
12	440	308	40°0	44°1	37°8	50°2	242	266	98	92	SE 2	SE 1	10	10	0°06	☁ early a. Very fine p. ☁ 2p.
13	325	331	44°4	35°5	35°5	56°9	276	208	95	100	W 1	NE 0°5	10	0	—	☁ early a. Very fine.
14	302	282	46°3	41°2	28°4	54°4	261	245	84	95	ESE 0°5	ENE 2	4	10	—	Overcast and cold.
15	330	266	40°8	38°7	37°1	46°0	229	199	91	85	SE 3	ESE 2	10	10	0°02	—
16	166	119	37°5	37°3	35°9	42°6	189	189	85	86	NE 3	SE 3	10	10	0°05	—
17	195	292	42°8	32°5	31°4	50°0	197	171	71	94	E 5	E 3	2	0	0°04	—
18	401	374	45°2	34°5	31°0	55°3	235	187	78	94	E 1	E 3	0	5	0°09	☁ a. and p. ☁ 9p.
19	445	383	37°9	31°8	31°2	52°3	222	179	97	100	E 0°5	ENE 0°5	10	10	0°03	☁ a. Sunny 11.30a.—4.30p. ☁ p.
20	324	358	33°1	39°0	25°7	45°7	161	202	86	86	ENE 1	ENE 3	10	10	—	☁ early. ☁ Ice falling in [creat. masses from the trees.
21	371	320	44°2	37°6	32°4	50°7	230	194	79	86	ESE 3	E 3	9	10	0°05	☁ 6a. ☁ 9a.
22	383	365	40°2	37°1	34°6	44°6	214	178	87	80	E 1	ENE 1	9	10	0°07	Very fine from 11a. —p.
23	419	396	38°8	31°7	28°1	48°0	190	155	81	87	NE 1	NE 1	10	0	0°08	☁ like ☁ a. Very fine, but cold [wind.
24	351	283	46°5	35°0	30°9	55°3	234	186	75	91	E 3	E 2	0	0	0°09	—
25	201	129	46°8	37°0	32°3	59°6	237	204	76	93	E 4	E 2	0	10	—	—
26	119	160	49°8	36°9	34°3	59°5	284	199	80	91	E 2	NE 4	0	10	—	—
27	203	236	41°1	36°3	35°7	46°8	209	185	81	87	NE 4	NE 2	10	10	—	—
28	225	30°123	41°0	32°9	32°6	54°0	197	181	77	97	NE 2	NE 0°5	10	2	0°03	—
29	054	29°992	36°9	40°0	37°1	50°7	162	218	75	89	SE 0°5	SE 0°5	10	1	0°01	—
30	30°027	030	48°4	41°1	35°8	58°6	284	193	84	75	SE 2	E 1	10	0	—	—
31	29°611	29°350	52°1	44°8	37°7	59°4	243	278	63	94	SE 1	S 4	6	10	830	—
Means	30°123	30°114	43°7	39°6	34°7	52°7	238	218	83°5	89°0	2°5	2°5	7°6	7°1	1°270	—

UPPINGHAM.

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

MARCH 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	°	°	°	°	in.	in.	%	%	WSW 7	SW 5	4	0	ins.	Cold. Ugly looking day.
2	29°321	29°270	45°4	35°0	35°0	48°4	°194	°196	96	96	SW 8	SW 6	10	10	°251	✱ 7a. (gale) all day with 2 [and strong squalls.
3	°187	°158	41°7	47°9	34°2	50°1	°253	°321	96	97	W by S 7	SW 4	9	10	°064	less violent 6a., then heavier again, reaching 8-9 in the gusts. Freshened again after 7p. < 7.10 and 7.55p.
4	°190	°339	46°9	45°6	44°3	50°1	°281	°292	88	96	W by S 7	SW 4	9	10	°064	Wind rising op.
5	°691	29°925	44°8	44°5	40°1	51°7	°216	°288	72	98	W by N 4	W by S 1	1	10	°043	Wind rising in evening. [evening.
6	29°926	30°074	51°1	50°8	44°2	55°6	°355	°301	94	81	sw by w 3	WSW 4	10	10	—	Colder about noon. Wind rising in
7	30°168	29°994	47°9	47°1	45°1	51°0	°276	°272	84	84	SSW 2	sw by s 5	10	10	—	Close and muggy. [wind.
8	°059	30°332	48°2	44°8	44°8	56°2	°312	°257	93	87	SW 1	NNE 1	10	10	—	W till Noon. Bright p. with keen
9	°546	°511	40°6	37°7	33°4	52°1	°218	°201	87	89	W by N 2	ENE 1	10	10	—	°a. and p. Bright at 4p. 2° op.
10	°331	°246	39°0	41°0	35°1	48°6	°220	°257	93	100	E 1	Calm	0	10	°340	Distant 7a. 2° 7a.-8a. 2° all day.
11	°151	°265	44°8	41°2	38°0	50°6	°280	°251	95	97	S by W 1	Calm	0	8	1	2° 7a. 2° 10a. [2° op.
12	°428	°461	39°5	38°9	37°4	45°0	°243	°227	100	96	NE 1	NE 1	10	10	—	2° till 11a., then cleared slowly.
13	°411	°301	37°7	44°2	35°8	50°9	°226	°261	100	90	E by N 1	S by E 1	10	10	°011	Bright p. ∞ forming in evening.
14	°333	°335	47°0	42°0	35°8	55°4	°266	°241	83	91	NNW 1	Calm	0	8	0	Shallow 7.30a.-9a. D. a.
15	°307	°278	40°8	41°5	33°9	51°7	°248	°237	98	90	ESE 1	N by W 1	10	9	—	2° 7.45a. D 2° 9a. Scotch 2°.
16	°314	°258	38°2	40°1	37°6	47°8	°228	°219	99	89	E by N 1	ESE 2	10	10	—	7a., clearing. [from 9.30a.
17	°146	°112	39°0	36°1	34°4	40°6	°205	°198	86	93	ENE 1	ENE 2	10	10	—	2° 7a. 2° (mist) 9a. Bright
18	°179	°281	38°7	33°6	31°1	52°4	°202	°166	86	86	E 3	E 1	5	0	°010	(mist) 9a. Brilliant from Noon.
19	°389	°416	38°9	34°1	31°1	57°3	°231	°187	98	95	E 1	E 1	8	0	—	[2° op. 2° 11p.
20	°442	°351	35°4	33°5	31°7	52°8	°192	°188	93	98	E 1	ESE 1	10	0	°010	2° 7a. V on trees, 2° on grass
21	°332	°345	32°0	38°6	29°0	46°4	°182	°203	100	87	NE 1	SE by E 3	10	10	—	Fine p. [9a. till 11a.
22	°368	°328	38°9	34°1	33°3	51°8	°200	°187	85	95	E 1	E 1	9	10	—	Fine ✱ and ✱ (sleet) 8.30a. and
23	°387	°361	37°2	38°1	34°0	43°2	°194	°207	87	90	W by E 1	SE by E 1	10	10	—	9a. Cold, dull day.
24	°411	°397	36°8	31°2	30°4	47°0	°190	°146	88	83	E by N 1	E 1	10	0	°010	∞ till 2p. Very fine p., with keen
25	°342	°275	41°2	36°3	29°9	58°0	°225	°169	88	78	E by S 1	ESE 1	0	0	°010	[wind. 1° op.
26	°194	°124	41°8	37°9	31°4	62°8	°229	°221	87	97	E by N 1	ESE 1	0	0	—	∞ 1° 6.20a. Beautiful day.
27	°126	°165	38°5	36°0	33°2	56°8	°233	°201	100	95	ENE 1	NE 2	10	10	—	1° a. Bright warm day. ∞ after
28	°202	°240	39°6	35°2	34°3	48°5	°203	°188	83	91	W by E 3	NNE 1	9	10	—	[7p. D 0° op.
29	°333	°30°131	38°8	41°1	33°6	54°3	°199	°191	85	75	Calm	Calm	0	10	—	6.30a. 2° 9a. Bright 11a.-6p.
30	°053	29°999	50°1	46°8	33°4	60°8	°218	°233	61	73	Calm	Calm	0	2	—	Bitter wind, Bright 2p.-6p.
31	30°021	°877	46°7	44°0	38°6	49°7	°259	°232	82	80	Calm	SSE 4	10	2	—	Brilliant from 3p.
32	29°564	29°269	43°4	44°0	35°6	49°7	°256	°285	82	99	SSW 3	S 5	9	10	°450	1° a. Hot sun a. with grey ∞
Means	30°121	30°110	41°7	40°1	35°5	51°8	°233	°227	88°3	90°2	1°9	1°8	8°1	6°2	1°259	9a. Sultry. Wind rose after 7p
																2° from 2p. Wind rising p. Very rough 9p.

CHURCHSTOKE.

Height above Mean Sea Level, 549 feet. Long. 3° 5' W. Lat. 52° 31' N.

MARCH 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	36°	34°	47°	ins.	ins.	72°	72°	W 6	W 6	6	6	ins.	a. and p. all day but fine. p. * p.
2	29° 259	29° 280	44°	36°	34°	47°	29° 259	29° 280	72°	72°	W 10	SW 8	10	10	600	2, (terrible storm) a. p. *
3	29° 311	29° 348	44°	36°	34°	47°	29° 311	29° 348	72°	72°	W 6	SW 5	7	10	079	a. p. *
4	29° 350	29° 384	44°	36°	34°	47°	29° 350	29° 384	72°	72°	W 6	SW 5	7	10	070	a. p. *
5	29° 384	29° 410	44°	36°	34°	47°	29° 384	29° 410	72°	72°	W 5	W 5	10	8	001	a. p. *
6	30° 130	30° 130	44°	36°	34°	47°	30° 130	30° 130	72°	72°	SSW 4	S 4	7	7	021	a. and p. p.
7	30° 066	30° 409	44°	36°	34°	47°	30° 066	30° 409	72°	72°	W 3	S 2	6	5	007	a. and p. p.
8	30° 553	30° 504	44°	36°	34°	47°	30° 553	30° 504	72°	72°	E 3	NE 3	4	7	010	a. and p. p.
9	30° 366	30° 249	44°	36°	34°	47°	30° 366	30° 249	72°	72°	E 2	E 2	10	10	—	a. and p. p.
10	30° 211	30° 204	44°	36°	34°	47°	30° 211	30° 204	72°	72°	E 1	W 2	10	3	121	a. and p. p.
11	30° 423	30° 425	44°	36°	34°	47°	30° 423	30° 425	72°	72°	N 2	E 4	10	10	029	a. and p. p.
12	30° 340	30° 335	44°	36°	34°	47°	30° 340	30° 335	72°	72°	SE 4	SW 2	10	0	120	a. and p. p.
13	30° 285	30° 343	44°	36°	34°	47°	30° 285	30° 343	72°	72°	W 3	NW 2	6	3	001	a. and p. p.
14	30° 314	30° 281	44°	36°	34°	47°	30° 314	30° 281	72°	72°	SSW 2	SE 3	8	10	—	a. and p. p.
15	30° 327	30° 239	44°	36°	34°	47°	30° 327	30° 239	72°	72°	E 3	E 4	8	10	—	a. and p. p.
16	30° 135	30° 088	44°	36°	34°	47°	30° 135	30° 088	72°	72°	E 3	E 2	6	10	—	a. and p. p.
17	30° 130	30° 155	44°	36°	34°	47°	30° 130	30° 155	72°	72°	E 2	E 4	7	2	—	a. and p. p.
18	30° 332	30° 378	44°	36°	34°	47°	30° 332	30° 378	72°	72°	E 4	SE 1	0	3	—	a. and p. p.
19	30° 427	30° 359	44°	36°	34°	47°	30° 427	30° 359	72°	72°	SE 5	E 2	10	3	—	a. and p. p.
20	30° 326	30° 332	44°	36°	34°	47°	30° 326	30° 332	72°	72°	E 2	E 4	3	6	—	a. and p. p.
21	30° 349	30° 361	44°	36°	34°	47°	30° 349	30° 361	72°	72°	E 4	E 1	6	3	—	a. and p. p.
22	30° 428	30° 395	44°	36°	34°	47°	30° 428	30° 395	72°	72°	E 3	E 1	7	3	—	a. and p. p.
23	30° 423	30° 398	44°	36°	34°	47°	30° 423	30° 398	72°	72°	E 2	E 2	10	7	—	a. and p. p.
24	30° 300	30° 218	44°	36°	34°	47°	30° 300	30° 218	72°	72°	NE 2	E 2	5	2	—	a. and p. p.
25	30° 156	30° 061	44°	36°	34°	47°	30° 156	30° 061	72°	72°	NE 3	SE 3	7	4	—	a. and p. p.
26	30° 121	30° 182	44°	36°	34°	47°	30° 121	30° 182	72°	72°	NNW 2	NE 2	8	5	—	a. and p. p.
27	30° 234	30° 240	44°	36°	34°	47°	30° 234	30° 240	72°	72°	NE 2	E 1	7	5	—	a. and p. p.
28	30° 273	30° 154	44°	36°	34°	47°	30° 273	30° 154	72°	72°	SE 2	SW 1	10	3	—	a. and p. p.
29	30° 093	30° 027	44°	36°	34°	47°	30° 093	30° 027	72°	72°	SW 2	NW 2	2	2	—	a. and p. p.
30	30° 014	30° 014	44°	36°	34°	47°	30° 014	30° 014	72°	72°	W 2	W 1	4	4	020	a. and p. p.
31	29° 447	29° 343	44°	36°	34°	47°	29° 447	29° 343	72°	72°	S 4	SW 4	10	8	170	a. and p. p.
Means	30° 121	30° 110	44°	36°	34°	47°	30° 121	30° 110	72°	72°	3°	2°	7°	5°	1°	1719

GELDESTON (BECCLES).

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

MARCH 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 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° 363	29° 299	49°	41°	40°	53°	29° 363	29° 299	79°	82°	SW 6	SW 5	7	10	—	reaching force 8 at 6 p.
2	29° 344	29° 216	49°	41°	40°	53°	29° 344	29° 216	79°	82°	SSW 4	WSW 7	10	10	160	abating in late aft. Squall (force 6) [6.30 p. < p.]
3	29° 170	29° 369	49°	41°	40°	53°	29° 170	29° 369	79°	82°	WSW 9	WSW 3	9	7	250	10.45 p.
4	29° 659	29° 936	49°	41°	40°	53°	29° 659	29° 936	79°	82°	WSW 5	W 1	0	10	010	
5	29° 897	29° 074	49°	41°	40°	53°	29° 897	29° 074	79°	82°	WSW 5	WSW 4	10	10	—	
6	30° 138	30° 053	49°	41°	40°	53°	30° 138	30° 053	79°	82°	WSW 3	SW 3	9	10	—	
7	30° 069	30° 318	49°	41°	40°	53°	30° 069	30° 318	79°	82°	WSW 2	NE 2	10	10	—	
8	30° 533	30° 512	49°	41°	40°	53°	30° 533	30° 512	79°	82°	E 2	ENE 2	10	10	—	
9	30° 342	30° 269	49°	41°	40°	53°	30° 342	30° 269	79°	82°	ESE 1	SE 1	6	1	—	
10	30° 137	30° 257	49°	41°	40°	53°	30° 137	30° 257	79°	82°	SSE 2	Calm 0	0	0	—	
11	30° 425	30° 483	49°	41°	40°	53°	30° 425	30° 483	79°	82°	WNW 1	E 1	10	10	—	
12	30° 451	30° 335	49°	41°	40°	53°	30° 451	30° 335	79°	82°	E 2	ESE 4	10	5	010	
13	30° 320	30° 336	49°	41°	40°	53°	30° 320	30° 336	79°	82°	NNE 2	NE 1	0	10	010	
14	30° 323	30° 294	49°	41°	40°	53°	30° 323	30° 294	79°	82°	NE 1	NE 2	10	10	—	
15	30° 321	30° 273	49°	41°	40°	53°	30° 321	30° 273	79°	82°	NE 1	ENE 2	9	10	—	
16	30° 151	30° 119	49°	41°	40°	53°	30° 151	30° 119	79°	82°	NE 2	NE 1	10	0	—	
17	30° 189	30° 282	49°	41°	40°	53°	30° 189	30° 282	79°	82°	E 4	E 2	0	0	010	
18	30° 397	30° 414	49°	41°	40°	53°	30° 397	30° 414	79°	82°	ENE 2	NE 2	0	7	—	
19	30° 436	30° 363	49°	41°	40°	53°	30° 436	30° 363	79°	82°	NE 1	NE 1	10	10	—	
20	30° 326	30° 354	49°	41°	40°	53°	30° 326	30° 354	79°	82°	NNE 1	ENE 2	10	0	—	
21	30° 364	30° 330	49°	41°	40°	53°	30° 364	30° 330	79°	82°	NE 2	NE 2	10	10	—	
22	30° 374	30° 380	49°	41°	40°	53°	30° 374	30° 380	79°	82°	NE 1	NE 1	9	0	—	
23	30° 403	30° 388	49°	41°	40°	53°	30° 403	30° 388	79°	82°	E 2	NNE 1	10	0	—	
24	30° 363	30° 296	49°	41°	40°	53°	30° 363	30° 296	79°	82°	E 2	ENE 1	0	0	—	
25	30° 217	30° 144	49°	41°	40°	53°	30° 217	30° 144	79°	82°	E 2	E 1	0	0	—	
26	30° 131	30° 145	49°	41°	40°	53°	30° 131	30° 145	79°	82°	ENE 2	NNE 2	0	1	—	
27	30° 190	30° 219	49°	41°	40°	53°	30° 190	30° 219	79°	82°	NE 2	NNE 2	10	10	—	
28	30° 225	30° 151	49°	41°	40°	53°	30° 225	30° 151	79°	82°	NNE 2	NNE 2	10	10	—	
29	30° 067	30° 000	49°	41°	40°	53°	30° 067	30° 000	79°	82°	WSW 1	Calm 0	0	10	—	
30	30° 024	30° 030	49°	41°	40°	53°	30° 024	30° 030	79°	82°	ENE 1	ESE 2	3	10	—	
31	29° 075	29° 409	49°	41°	40°	53°	29° 075	29° 409	79°	82°	SSE 2	SE 2	8	10	350	on grass 9 p. Temp. on grass 24° 0
Means	30° 130	30° 127	49°	41°	40°	53°	30° 130	30° 127	79°	82°	2°	1°	6°	6°	0°	0°

CHELTENHAM.

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

MARCH 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°5	38°0	37°0	48°5	in.	in.	%	%	SW	SW	3	2	2	ins.	▲. Windy and showery.
2	29° 387	29° 333	47°0	49°0	36°2	50°0	°209	°194	66	85	SW	SW	3	10	10	°130	Tempestuous with ●. Squalls.
3	°291	°259	47°0	49°0	36°2	50°0	°279	°317	87	92	SW	SW	7	6	10	°430	
4	°345	°372	49°8	48°2	44°5	53°0	°253	°321	71	96	SW	SW	1	6	10	°080	
5	29° 820	29° 952	47°9	49°2	43°6	53°8	°237	°319	72	92	W	W	2	5	7	—	Beautiful day.
6	30° 032	30° 149	51°2	50°2	48°4	56°5	°340	°319	91	89	W	W	2	10	6	—	Beautiful day.
7	°149	29° 997	49°6	48°9	47°8	52°0	°271	°299	77	87	W	W	1	10	10	—	Very fine.
8	°089	30° 348	51°0	46°2	45°6	55°2	°330	°247	88	80	W	N	2	8	10	—	
9	°533	°443	40°0	44°5	35°0	49°2	°209	°236	85	80	E	E	2	6	10	—	
10	°299	°216	40°0	43°0	37°5	46°8	°229	°268	93	97	E	E	1	10	10	°070	☼ ⁰ op.
11	°187	°280	41°5	37°0	37°0	52°5	°253	°212	97	96	NW	NW	1	10	0	—	☼ ⁰ a. Very fine day.
12	°401	°389	38°5	46°8	30°0	55°2	°218	°280	94	88	Calm	W	2	10	10	°010	Very fine.
13	°353	°295	42°0	46°9	39°5	52°2	°247	°288	93	91	SE	N	1	10	10	—	
14	°378	°321	39°5	37°0	35°0	55°2	°242	°210	100	96	N	W	1	10	0	—	☼ ⁰ ga. Magnificent day.
15	°291	°239	46°1	46°9	32°0	56°0	°265	°257	86	81	W	W	1	8	10	—	Magnificent day.
16	°287	°207	41°9	43°8	40°0	48°6	°238	°231	90	80	SE	N	1	10	9	—	Very fine.
17	°123	°045	40°7	39°5	35°5	48°6	°211	°211	83	87	NE	NE	1	6	4	—	
18	°139	°200	42°2	40°9	36°0	52°5	°229	°191	86	75	E	E	2	8	0	—	Very fine.
19	°340	°355	43°8	41°5	33°0	55°6	°225	°185	77	72	E	E	1	2	0	—	Very fine.
20	°402	°308	39°3	44°2	31°6	55°0	°205	°241	86	83	SE	N	1	6	0	—	Very fine.
21	°308	°310	30°0	40°0	24°5	52°5	°148	°215	88	87	NW	N	2	3	10	—	Very fine.
22	°314	°304	42°8	39°5	36°0	49°4	°219	°205	80	85	E	N	1	5	0	—	Very fine.
23	°394	°358	36°0	35°0	31°6	43°5	°177	°168	84	81	E	E	1	10	6	—	Very fine. Cold.
24	°373	°337	40°1	36°7	33°0	45°8	°210	°170	85	78	E	E	1	8	0	—	
25	°287	°197	38°9	44°8	30°1	56°4	°206	°193	87	65	E	SE	2	1	0	—	Very fine and bright.
26	°089	°018	51°6	48°6	39°1	62°2	°249	°230	66	67	SE	SE	2	0	1	—	Very fine and bright.
27	°045	°069	46°0	47°3	41°2	60°0	°232	°244	75	75	SE	SE	5	9	6	—	Very fine and bright.
28	°193	°210	46°8	39°8	32°4	51°6	°174	°202	54	83	Calm	NE	1	4	4	—	Very fine and bright.
29	°234	°152	35°3	32°2	31°0	51°8	°182	°164	89	90	Calm	SE	1	10	0	—	☼ ⁰ a. Very fine. ☼ ⁰ op.
30	°070	30° 018	41°2	41°6	23°3	61°0	°216	°216	83	82	NE	N	1	6	0	—	☼ ⁰ ☼ ⁰ (mist) a.
31	30° 016	29° 843	47°2	45°9	29°4	60°8	°260	°193	81	64	Calm	W	1	8	0	—	☼ ⁰ ☼ ⁰ (mist) a.
	29° 528	29° 324	45°8	41°4	39°6	48°6	°260	°229	86	88	S	S	1	10	10	°480	
Means	30° 119	30° 092	43°2	43°0	35°9	52°9	°233	°234	83°2	83°6	1°4	1°6	7°1	5°0	1°200		

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

MARLBOROUGH.

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

MARCH 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°6	35°8	34°3	50°6	ins.	ins.	73	89	W 2	W 2	1	0	ins.	Very fine. Cold showers p. [X] gp.
2	29°461	29°422	46°6	47°0	33°5	48°7	230	186	73	89	SW 3	W 2	10	10	210	* before ga. all day.
3	29°437	29°437	48°9	47°6	46°4	53°7	266	305	77	93	W 2	W 2	9	10	070	Windy p.
4	29°827	30°001	46°6	49°1	43°4	53°6	249	336	79	96	W 1	W 1	2	10	010	
5	30°065	29°182	49°9	50°0	48°1	55°7	349	311	98	87	W 3	W 3	10	10	—	
6	29°191	29°063	47°5	46°7	46°4	52°9	252	276	77	87	SW 1	W 2	10	10	010	
7	29°105	29°310	48°7	47°4	46°2	53°5	321	284	94	87	Calm	Calm	9	10	043	
8	29°494	29°441	40°5	42°2	40°2	49°6	235	231	90	86	NE 1	N 1	7	10	—	
9	29°295	29°233	40°3	47°7	38°0	54°9	239	304	96	92	E 1	SE 1	10	9	260	< 5a. Very fine.
10	29°214	29°207	42°7	40°7	40°7	55°1	267	231	97	91	W 1	Calm	9	1	—	Very fine.
11	29°393	29°425	42°6	43°5	33°4	58°7	251	258	92	91	E 1	Calm	9	0	—	
12	29°361	29°313	40°7	50°0	39°1	59°6	240	324	95	90	E 1	Calm	10	10	—	before ga. (mist) ga.
13	29°371	29°340	41°6	41°1	38°3	56°8	253	231	96	89	NW 1	Calm	10	0	—	before ga.
14	29°292	29°257	44°7	41°2	34°4	55°0	244	245	83	95	Calm	Calm	9	7	—	before ga.
15	29°274	29°201	39°8	39°8	37°5	49°7	225	225	92	92	E 1	E 1	10	0	—	before ga.
16	29°109	29°055	37°9	39°5	36°3	50°7	204	212	90	88	E 1	E 1	10	9	—	Very fine, but cold wind.
17	29°115	29°112	41°2	38°2	36°0	51°6	218	185	85	80	E 1	E 1	8	0	—	(mist) p.
18	29°319	29°355	42°7	39°6	33°3	54°5	208	154	77	63	E 1	E 1	0	0	—	Very fine. p.
19	29°375	29°317	39°5	41°4	33°7	55°0	210	188	87	73	E 1	E 1	9	0	—	Very fine. p.
20	29°306	29°279	31°8	38°8	27°3	52°6	168	214	94	91	E 1	E 1	10	10	—	Very fine day.
21	29°308	29°290	41°3	36°2	36°0	49°1	202	177	78	83	E 1	Calm	1	0	—	Very fine but cold.
22	29°374	29°341	34°3	37°0	30°2	45°2	167	176	84	81	E 1	E 1	10	0	—	
23	29°363	29°342	38°9	34°8	32°8	47°8	194	160	83	79	E 1	E 1	9	0	—	
24	29°289	29°203	40°5	40°8	38°5	57°7	204	162	82	63	E 1	E 1	1	0	—	a. Very fine.
25	29°115	29°064	44°6	46°4	33°3	61°7	206	196	70	63	E 1	E 1	1	1	—	a. Very fine.
26	29°035	29°079	47°8	47°5	36°8	61°9	221	181	67	55	E 1	E 1	8	3	—	
27	29°171	29°195	34°8	37°7	32°0	48°5	182	196	90	87	E 2	E 1	10	1	—	
28	29°237	29°161	33°3	33°8	32°2	50°7	170	158	89	82	E 1	Calm	10	0	—	
29	29°085	29°037	45°9	40°7	24°6	60°9	226	209	74	83	Calm	Calm	0	0	—	a. Very fine day.
30	29°029	29°887	46°7	41°9	32°5	63°5	248	193	79	74	Calm	Calm	9	0	—	a. Very fine.
31	29°589	29°348	46°6	42°0	37°7	49°5	269	231	86	87	S 1	Calm	10	10	470	
Means	30°126	30°110	42°4	42°2	36°2	53°8	231	227	84°9	83°5	1°1	0°8	7°5	4°2	1°843	

STRATHFIELD TURGIS.

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

MARCH 1880.

1	29°473	29°415	49°3	38°3	38°0	51°8	251	209	72	91	W 5-4	SW 2-3	4	9	132	all day, with squalls.
2	29°434	29°378	47°9	48°5	34°5	50°9	283	313	86	93	SW 4-6	SW 5-6	10	10	294	all day, with squalls.
3	29°358	29°476	50°3	48°3	48°0	52°1	306	316	84	94	W 4-3	W 5-4	9	10	005	with squalls a.
4	29°808	30°001	48°7	49°4	45°0	55°4	257	327	75	93	NW 3-4	SW 2-3	6	10	—	with squalls a.
5	30°078	29°162	52°7	51°6	49°1	56°1	352	323	88	84	W 3-4	W 2-3	10	10	—	with squalls a.
6	29°197	29°073	48°9	47°6	47°3	52°1	279	292	91	89	SW 3	SW 3	10	10	—	Squally mid-day.
7	29°097	29°283	50°7	48°5	46°3	52°8	346	329	94	97	SW 3-2	SW 1	10	10	167	a. ⁰ p.
8	29°495	29°459	42°4	40°6	40°3	49°1	225	224	83	89	E 3	E 3	7	10	—	ga. and before.
9	29°310	29°234	43°0	47°9	39°0	58°2	255	311	92	94	NE 0-1	E 1	10	9	—	ga.
10	29°181	29°289	50°2	42°0	41°4	58°1	301	245	83	92	NE 2	W 1	4	2	—	a.
11	29°393	29°416	46°9	41°5	32°1	62°4	280	248	88	95	W 1	NE 3	10	10	—	a.
12	29°368	29°312	47°5	47°5	39°4	62°9	259	295	80	91	E 1	S 1	6	10	—	a.
13	29°356	29°327	46°8	40°3	40°3	58°4	275	233	86	94	W 2	W 1	3	0	—	a. and p.
14	29°303	29°268	40°1	36°2	33°7	50°8	235	199	95	94	Calm	Calm	10	0	—	a.
15	29°281	29°222	42°9	36°1	32°7	50°1	224	193	81	91	E 3	NE 2	10	0	—	a. and p.
16	29°117	29°062	39°3	38°4	36°0	49°3	230	202	96	87	E 3	E 2	10	10	—	Squally mid-day.
17	29°112	29°229	45°2	38°3	37°2	58°8	230	201	76	87	E 3	E 2	7	0	—	Squally a.
18	29°311	29°348	47°3	38°8	31°3	56°4	225	163	70	70	E 4-5	NE 3	0	0	—	a.
19	29°394	29°319	42°8	39°5	33°0	58°2	236	176	86	73	NE 3	NE 2	8	0	—	ga.
20	29°303	29°292	35°1	39°9	29°9	53°1	196	208	96	85	Calm	Calm	10	10	—	a.
21	29°311	29°279	45°2	33°4	33°0	52°3	196	154	65	81	E 3-4	E 2	2	0	—	a.
22	29°362	29°330	38°8	38°5	32°0	44°4	174	185	75	80	E 3	NE 3	10	8	—	a.
23	29°350	29°326	42°0	33°5	27°8	48°1	188	161	72	84	NE 3-4	NE 2	9	0	—	in squalls a. and p.
24	29°286	29°222	46°4	40°4	24°1	60°4	208	180	67	72	E 3	E 3	0	0	—	in squalls p.
25	29°132	29°036	52°3	46°2	27°3	64°4	225	177	58	57	E 3-2	SE 2	1	3	—	p.
26	29°037	29°072	54°9	45°1	29°8	64°5	267	185	63	62	E 3	SE 2	4	8	—	a.
27	29°164	29°199	36°9	37°5	30°0	49°4	190	199	87	89	NE 4-5	SE 1	10	0	—	in squalls a.
28	29°234	29°149	36°5	34°2	33°4	52°5	160	171	75	86	E 3	NE 2	9	0	—	p.
29	29°088	29°025	46°6	43°5	22°3	62°8	222	235	70	83	NE 0-1	N 1	0	0	—	a.
30	29°027	29°002	50°5	45°1	31°8	64°6	266	211	73	70	N 1	N 2	7	0	—	a.
31	29°602	29°317	51°5	46°5	32°0	51°6	269	207	71	95	SW 3-4	SW 2-3	10	10	401	early a.
Means	30°128	30°110	45°8	42°0	35°4	55°2	245	231	79°9	85°2	2°7	2°1	7°0	5°1	0°999	

RAMSGATE.

Height above Mean Sea Level, 105 feet. Long. 1° 25' E. Lat. 51° 20' N.

MARCH 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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° 512	29° 398	45° 9	46° 1	40° 5	59° 0	ins.	ins.	98	95	SW 6	SW 4	10	10	ins. °40	Squally p.
2	° 516	° 379	43° 8	48° 5	36° 5	49° 5	268	308	94	91	SW 6	SW 8	10	10	100	—	°100	Squally all day.
3	° 370	29° 482	50° 0	46° 5	41° 5	53° 0	286	304	80	97	SW 5	SW 5	10	5	—	—	—	Squally all day.
4	29° 792	30° 035	49° 0	48° 1	45° 3	52° 8	271	327	78	97	SW 2	SW 2	5	10	—	—	—	
5	30° 047	° 182	52° 1	52° 0	47° 1	61° 8	352	352	90	91	W 2	SW 2	5	10	—	—	—	
6	° 236	° 116	48° 0	44° 0	43° 0	52° 8	305	284	92	98	SW 1	SW 1	10	0	—	—	—	
7	° 118	° 315	48° 0	48° 1	39° 8	56° 0	317	331	95	98	W 1	Calm	0	10	10	° 040	—	
8	° 491	° 455	48° 6	43° 2	41° 5	49° 1	307	275	90	98	N 2	NE 2	10	10	—	—	—	
9	° 320	° 270	46° 0	47° 8	41° 9	54° 1	292	312	94	94	Calm	Calm	0	2	0	—	—	
10	° 163	° 290	50° 0	44° 0	38° 0	61° 5	329	265	92	92	S 1	Calm	0	2	0	—	—	
11	° 415	° 470	47° 0	41° 0	34° 8	51° 7	303	257	94	100	Calm	Calm	0	2	0	—	—	
12	° 409	° 354	42° 0	41° 5	40° 0	48° 0	267	251	100	96	E 1	W 2	10	5	—	° 020	—	before ga.
13	° 319	° 322	45° 2	41° 0	40° 0	51° 3	302	257	100	100	NW 1	NE 2	10	10	—	—	—	p.
14	° 294	° 265	41° 1	41° 2	39° 5	48° 0	258	254	100	98	NE 2	E 1	10	10	—	—	—	before ga.
15	° 296	° 193	40° 8	42° 3	39° 5	47° 1	239	259	95	96	E 1	E 3	10	0	—	—	—	
16	° 114	° 081	40° 1	41° 0	39° 2	48° 0	239	246	97	96	E 1	NE 2	10	0	—	—	—	
17	° 152	° 240	43° 0	44° 0	40° 0	47° 0	238	255	86	85	E 3	E 4	5	0	—	—	—	
18	° 357	° 374	46° 0	42° 0	41° 0	48° 8	264	247	86	93	E 3	SW 3	0	0	—	—	—	
19	° 420	° 323	46° 8	41° 8	41° 0	50° 0	277	260	87	99	E 1	E 1	0	0	—	—	—	
20	° 310	° 298	37° 6	42° 2	36° 8	49° 2	215	244	96	91	E 1	E 1	10	0	—	—	—	
21	° 326	° 283	45° 0	38° 0	38° 0	47° 0	233	229	78	100	E 1	E 2	0	3	—	—	—	
22	° 356	° 335	43° 0	41° 3	37° 5	45° 5	251	244	90	95	E 1	E 3	3	0	—	—	—	
23	° 356	° 328	39° 0	43° 0	38° 5	45° 3	199	251	84	90	E 2	E 3	10	0	—	—	—	
24	° 327	° 257	47° 0	43° 0	40° 2	50° 3	253	268	79	97	SE 1	E 2	0	0	—	—	—	
25	° 169	° 097	44° 0	45° 8	41° 5	54° 2	243	277	84	91	E 2	E 3	0	3	—	—	—	
26	° 081	° 096	44° 0	48° 0	42° 7	53° 0	243	333	84	99	E 2	E 3	0	3	—	—	—	
27	° 150	° 195	39° 2	39° 3	39° 0	45° 0	238	234	99	98	E 1	E 3	10	10	—	—	—	
28	° 179	° 150	38° 1	38° 0	37° 0	41° 5	228	213	99	93	E 1	E 1	10	8	—	—	—	
29	30° 102	30° 022	38° 3	41° 0	37° 5	45° 0	225	239	98	94	E 1	Calm	0	10	5	—	—	
30	29° 073	29° 942	41° 0	42° 1	38° 6	50° 2	257	268	100	100	Calm	Calm	0	10	10	—	—	
31	29° 701	29° 435	49° 0	49° 0	41° 0	53° 8	278	302	80	87	S 1	SW 4	5	10	10	° 070	—	
Means	50° 141	30° 128	44° 5	43° 7	39° 9	50° 6	267	272	90° 9	95° 1	1° 7	2° 2	6° 3	4° 8	0° 270	—	—	—

ST. LEONARDS.

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

MARCH 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	41.6	41.1	48.5	ins.	ins.	97	89	SW 6	W 7	10	10	ins.	[shortly before 9p
2	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	in the evening. Bar. began to rise
3	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	(gale) all day. ☉ p.
4	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	over the sea p.
5	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	p.
6	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	ga.
7	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	a.
8	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Temp. rising at 9p.
9	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	D a. and p. Very fine day.
10	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Very fine day. D p.
11	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	D ga. High cir.-c. from S.W.
12	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	☉ in evening. D p.
13	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	D p.
14	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Very fine day.
15	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Very fine day.
16	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Very fine day.
17	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Very fine day.
18	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Very fine day.
19	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Very fine day.
20	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Very fine day.
21	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Very fine day.
22	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Very fine day.
23	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Very fine day.
24	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Very fine day.
25	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Very fine day.
26	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Very fine day.
27	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Very fine day.
28	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Very fine day.
29	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Very fine day.
30	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Very fine day.
31	29.528	29.443	45.2	41.6	41.1	48.5	29.528	29.443	97	89	WSW 8	SW 7	10	10	286	Very fine day.
Means	30.126	30.110	45.9	43.3	40.1	51.5	255	254	83.1	89.9	2.9	3.0	5.1	3.7	0.675	

DARTMOOR.

Height above Mean Sea Level, 1,359 feet. Long. 3° 59' W. Lat. 50° 33' N.

MARCH 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
2	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
3	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
4	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
5	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
6	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
7	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
8	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
9	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
10	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
11	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
12	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
13	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
14	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
15	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
16	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
17	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
18	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
19	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
20	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
21	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
22	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
23	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
24	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
25	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
26	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
27	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
28	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
29	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
30	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
31	29.509	29.495	40.9	32.6	32.5	43.2	29.509	29.495	87	93	WSW 3	W 4	8	5	240	☉ * p.
Means	30.088	30.086	41.4	39.6	36.1	46.5	237	228	91.0	92.6	2.3	2.3	7.1	5.7	5.950	

BABBACOMBE.

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

MARCH 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	47.8	36.8	36.8	51.0	ins.	ins.	95	88	WSW 5	WSW 5	0	1	ins.	☉ 2. 2.24 p. ▲ 3.15 p. ▲ 4 p. [and 6 p. ☉ p.
2	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 2 with squalls p. ☉ showers.
3	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	9	10	240	☉ 2 ☉ n. with squalls.
4	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	6	10	240	—
5	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	9	6	240	—
6	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 30
7	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	9	10	240	☉ 150
8	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	9	10	240	☉ 210
9	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 300
10	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 150
11	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 210
12	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 300
13	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 150
14	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 210
15	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 300
16	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 150
17	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 210
18	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 300
19	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 150
20	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 210
21	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 300
22	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 150
23	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 210
24	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 300
25	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 150
26	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 210
27	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 300
28	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 150
29	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 210
30	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 300
31	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 150
Means	29.528	29.505	47.8	36.8	36.8	51.0	29.528	29.505	95	88	WSW 5	WSW 5	10	10	240	☉ 210

LONDONDERRY.

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

MARCH 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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.	%	%	W	S	8	5	ins.	Showers of Δ \star all day. Squally at night.
2	28.929	28.967	37.7	39.7	33.8	48.4	.195	.200	86	81	WSW	SW	4	6	.445	
3	29.034	28.787	38.1	44.5	34.0	44.6	.205	.275	89	94	WSW	SW	2	4	.6	
4	29.113	29.210	42.1	39.8	38.0	46.8	.236	.221	88	91	W	SW	3	8	.105	
5	.597	.734	43.8	40.7	36.2	48.0	.224	.246	77	96	W	E	1	1	.590	Constant Δ from 5p.
6	.732	.827	50.7	51.1	39.0	53.0	.362	.335	98	86	SW	SW	4	10	.10	
7	29.774	29.742	50.1	48.7	43.0	52.5	.297	.324	82	94	SW	SW	4	10	.8	
8	30.155	30.389	46.7	47.2	43.0	53.4	.247	.303	79	94	W	SW	1	9	10	
9	.500	.456	45.7	43.9	41.0	51.1	.290	.268	95	94	W	Calm	0	10	0	
10	.305	.186	35.9	43.7	32.0	49.0	.211	.262	100	92	Calm	SW	1	10	10	
11	.193	.230	43.2	44.1	40.0	46.5	.255	.262	91	90	NE	E	1	10	10	
12	.271	.240	46.7	46.2	40.5	51.4	.257	.295	81	95	E	SE	1	5	10	
13	.266	.223	46.1	45.7	44.0	52.0	.310	.293	99	96	W	Calm	0	10	10	
14	.276	.260	42.1	46.7	35.0	54.5	.255	.289	95	91	WSW	SSE	1	10	5	
15	.266	.270	44.7	43.5	39.0	50.9	.273	.253	93	90	SSE	E	1	10	1	
16	.262	30.179	45.5	44.2	41.5	51.0	.263	.250	87	86	E	E	2	10	10	
17	.056	29.964	44.1	40.2	37.5	49.0	.219	.213	75	86	E	E	3	1	10	
18	.029	30.140	40.2	45.2	38.0	45.5	.218	.233	89	78	SE	SE	1	10	10	
19	.272	.311	47.5	46.2	38.0	56.5	.242	.212	74	68	ESE	E	1	6	0	
20	.334	.273	49.2	39.7	34.0	61.0	.205	.207	58	84	E	E	1	0	3	
21	.276	.287	48.0	44.7	30.5	61.0	.239	.198	72	66	NE	E	1	0	0	
22	.317	.297	45.2	39.7	37.6	53.4	.230	.205	76	84	SE	NE	1	4	0	
23	.332	.314	47.7	39.8	30.8	56.0	.243	.217	74	89	SE	E	1	0	0	
24	.342	.358	43.2	37.1	29.0	50.5	.213	.197	77	89	SE	SE	1	6	8	
25	.352	.202	41.5	39.7	32.0	50.2	.192	.200	74	81	SE	E	1	8	0	
26	.058	.038	45.7	47.2	36.4	56.5	.219	.260	71	81	SE	SE	1	1	10	
27	.103	.138	44.7	45.9	42.0	55.1	.223	.260	75	85	E	SE	1	10	10	
28	.195	.198	43.9	41.2	40.0	56.5	.240	.240	84	93	E	SE	1	5	0	
29	.170	.083	45.9	43.7	34.9	59.1	.242	.207	79	93	SSW	Calm	0	7	4	
30	30.027	30.013	45.9	47.2	38.0	57.0	.290	.294	95	91	WSW	E	1	10	7	
31	29.907	29.513	49.6	48.7	31.4	55.5	.278	.266	79	78	SW	S	3	7	10	
Means	29.184	29.379	50.2	41.7	40.8	52.0	.251	.241	69	92	W	WSW	1	7	0	

MARKREE CASTLE, SLIGO.

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

MARCH 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	29.026	29.115	37.2	36.6	32.8	48.6	.204	.192	92	89	WNW	WNW	5	10	10	Δ ga. \star during day.
2	.076	28.846	34.1	44.9	32.3	46.9	.183	.261	92	88	Calm	WSW	2	10	9	\star a., half-inch deep. Δ ga.
3	.177	29.295	42.1	40.3	38.5	49.4	.230	.210	86	84	W	Calm	0	10	10	Δ ga. Δ sp.
4	.698	.698	45.8	44.0	37.8	51.4	.233	.281	76	98	WNW	SE	1	8	10	
5	.810	.881	53.1	50.9	43.5	55.4	.368	.319	91	86	WSW	WSW	2	10	8	Sharp squall before ga.
6	29.779	29.745	49.1	49.1	48.5	51.9	.284	.326	81	93	SW	SW	1	10	10	
7	30.190	30.398	46.2	47.6	44.2	53.2	.214	.315	69	96	NW	Calm	0	10	10	
8	.472	.414	48.6	43.2	43.1	50.6	.289	.257	85	92	SSW	Calm	0	10	1	
9	.277	.172	39.3	46.2	30.3	46.2	.230	.221	96	71	Calm	Calm	0	10	10	
10	.171	.102	42.3	43.9	40.3	48.4	.255	.260	95	91	Calm	Calm	0	10	10	
11	.200	.142	43.3	47.1	40.3	48.6	.244	.302	87	93	ESE	Calm	0	10	10	
12	.257	.220	43.9	40.1	39.3	53.9	.278	.236	97	95	Calm	Calm	0	10	0	
13	.246	.222	40.9	47.5	30.4	56.4	.247	.278	97	86	SE	ESE	2	10	5	
14	.214	.209	45.4	46.5	43.0	49.4	.287	.288	95	92	SE	Calm	0	10	10	
15	30.193	30.122	47.6	44.1	42.0	54.6	.270	.229	83	79	SE	ESE	1	10	3	
16	29.974	29.851	44.0	42.2	37.5	48.3	.238	.243	82	90	ESE	SE	5	8	10	
17	29.959	30.049	43.4	45.3	41.8	46.7	.266	.279	95	92	SE	SE	4	10	10	
18	30.178	.220	45.5	44.2	42.3	56.0	.235	.192	78	66	ESE	ESE	3	5	0	
19	.259	.218	48.8	43.3	37.7	58.1	.198	.225	57	80	ESE	S	3	2	5	
20	.218	.263	49.1	41.9	36.3	58.7	.250	.217	71	83	S	Calm	0	1	5	
21	.237	.241	41.8	39.3	33.5	51.8	.223	.196	85	82	SE	E	2	10	0	
22	.308	.274	41.1	40.9	32.5	53.4	.214	.203	83	80	ESE	ESE	2	0	0	
23	.298	.207	40.1	40.6	31.5	48.4	.210	.215	85	86	SE	SE	1	1	10	
24	30.280	30.106	40.2	41.6	31.1	50.2	.179	.198	72	76	E	E	3	1	10	
25	29.926	29.939	49.1	48.1	39.1	54.0	.223	.269	64	80	E	ESE	4	1	10	
26	30.023	30.036	45.7	46.5	43.5	49.2	.253	.288	83	92	SE	ESE	3	10	10	
27	.150	.169	43.1	44.5	41.3	53.9	.244	.245	87	83	SE	Calm	0	10	5	
28	.161	30.083	42.1	43.1	30.6	53.5	.234	.235	88	84	Calm	Calm	0	10	10	
29	30.026	29.997	45.0	43.2	35.3	55.5	.282	.264	94	94	Calm	Calm	0	10	0	
30	.890	.464	40.2	48.1	30.2	53.5	.247	.277	99	83	SE	SSR	4	10	10	
31	29.214	29.428	49.1	40.2	39.5	54.2	.250	.211	72	85	SW	WNW	2	8	1	
Means	29.997	29.976	44.0	44.0	37.7	51.9	.244	.249	84.4	86.1	2.1	1.5	8.2	6.5	1.780	

DUBLIN.

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

MARCH 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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° 0	37° 2	35° 2	50° 3	in.	in.	%	%	WSW 7	W 6	3	2	ins.	[Δ 3p. ✱ later.
2	29° 181	29° 172	41° 0	37° 2	35° 2	50° 3	.182	.196	71	88	NNW 1	SW 7	10	8	.553	✱ n. Squalls with ✱ showers.
3	.086	28° 980	37° 3	47° 4	33° 9	47° 6	.215	.272	97	84	NNW 1	SW 7	10	8	.924	✱ 2 a. Wind Easterly early a.
4	.230	29° 277	45° 3	46° 9	42° 3	51° 5	.233	.256	77	81	W by S 4	W 6	6	8	.046	[2 till 3p. a. and p. with squalls. Bar. rising quickly late p.
5	.724	.788	46° 0	52° 5	41° 0	52° 8	.238	.351	77	89	W 4	SSW 4	3	8	.041	p. with squalls. Warm and damp p.
6	.892	.983	54° 7	53° 1	52° 1	57° 6	.374	.319	88	78	WSW 5	SW 4	10	10	—	a. with squalls. Dry and mild evening.
7	29° 936	29° 831	50° 9	50° 9	49° 5	53° 7	.271	.310	73	84	SSW 4	SW 2	8	8	.010	Squalls a. and p. p.
8	30° 175	30° 408	46° 1	44° 0	43° 9	51° 3	.245	.242	79	83	NNW 2	NNW 1	3	0	—	Very fine bright day.
9	.523	.448	38° 0	41° 8	36° 0	49° 5	.208	.247	91	94	W 1	E 1	0	0	—	Δ 2 early a. Brilliant from 11a.
10	.287	.209	44° 4	43° 5	37° 0	45° 8	.262	.267	90	94	ESE 2	E 1	8	10	.100	Δ 2 early a. (great darkness) 11p.
11	.178	.237	43° 8	43° 2	42° 9	47° 2	.267	.262	94	93	W 1	Calm 0	10	0	.020	11a.
12	.287	.263	45° 1	48° 1	38° 3	48° 4	.276	.311	92	93	SE 2	SSE 3	9	10	.208	Δ before ga. Upper clouds from SW.
13	.250	.266	48° 7	43° 9	43° 9	49° 3	.332	.270	96	95	WSW 1	W 1	10	0	.602	Δ 2 early a. a. Δ 10a. - 5p.
14	.318	.300	40° 8	45° 1	37° 4	52° 3	.239	.274	95	91	W 1	Calm 0	9	8	—	Δ 2 early a. Cir. from SW. p.
15	.250	.240	46° 0	45° 2	39° 9	49° 2	.272	.287	88	96	se by s 2	E 1	7	8	.069	10a. Finer from s.p.
16	.235	30° 182	47° 1	43° 3	43° 0	51° 5	.295	.254	91	91	ESE 2	ESE 2	9	1	—	∞ and damp a. Very fine p.
17	.040	29° 953	45° 4	44° 3	42° 9	47° 5	.253	.266	84	92	ESE 3	ESE 4	9	10	.297	∞ (mist) a. Cir. from S. at noon.
18	.032	30° 120	43° 3	45° 2	42° 3	46° 3	.261	.275	93	91	se by s 3	SE 2	10	8	.010	Very damp and dull.
19	.270	.293	45° 3	45° 2	40° 6	50° 5	.237	.203	78	67	ESE 3	ESE 4	2	0	—	∞ a. Cir. slowly from NE. Very fine p.
20	.325	.273	45° 7	45° 2	39° 7	52° 6	.179	.230	58	76	se by s 4	ESE 2	0	0	—	Cloudless all day.
21	.276	.253	46° 0	43° 5	38° 2	52° 4	.269	.251	87	89	ESE 2	E 1	0	0	—	∞ a. a. Very fine with ∞ a.
22	.295	.287	43° 3	40° 4	39° 2	47° 7	.210	.213	75	85	ESE 3	Calm 0	8	0	—	Brilliant p. Cold evening. ∞ ∞
23	.347	.315	41° 9	41° 1	35° 0	48° 2	.224	.218	85	85	se by s 1	ESE 1	0	0	—	∞ early a. Brilliant day with snipping air.
24	.341	.347	42° 1	39° 0	35° 0	47° 5	.198	.209	74	88	SE 3	ESE 1	10	2	—	Cold n. ∞ a. ∞ (mist) a. and p.
25	.292	30° 141	42° 7	44° 7	36° 1	49° 3	.194	.255	72	87	ESE 4	ESE 1	1	1	—	∞ a. and p. Upper clouds from E.
26	.007	29° 976	47° 0	51° 6	41° 7	51° 7	.253	.248	79	66	SE 2	SE 5	3	10	.068	Δ 7.30a. ∞ (mist) a. Much squall before ga.
27	.037	30° 088	47° 3	46° 3	45° 1	52° 2	.273	.283	85	91	ESE 3	Calm 0	9	10	.071	∞ a. and p.
28	.172	.204	46° 8	44° 1	43° 0	49° 2	.266	.254	84	87	E by N 2	E 1	6	0	—	∞ a. and p. [from W. p.
29	.199	.102	39° 1	45° 2	30° 9	53° 7	.219	.260	82	87	Calm 0	Calm 0	0	0	—	∞ a. and p. Upper clouds
30	30° 059	30° 039	42° 3	42° 2	36° 3	50° 4	.246	.258	92	96	Calm 0	E 1	0	10	—	∞ a. then ∞ during [day. ∞ from 6p.
31	29° 971	29° 649	41° 2	47° 4	34° 5	58° 4	.242	.249	94	77	E by N 2	ESE 4	6	6	.100	∞ n. Δ a. Cir. from WNW a. [Fine and warm p.
Means	29° 049	29° 034	44° 6	45° 0	40° 0	50° 7	.249	.259	84° 3	86° 4	2° 5	2° 2	5° 7	4° 5	3° 129	∞ with squalls a. Cir. from SW. a.

DUNROBIN CASTLE.

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

APRIL 1880.

Day.	Barometer at 32" and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	44.2	39.6	37.8	51.3	ins.	ins.	83	100	E	E	—	—	ins.	Mild p.
2	29.399	29.507	44.2	39.6	37.8	51.3	242	243	83	100	E	W	—	—	0.00	
3	29.276	29.224	43.2	39.9	39.6	49.7	253	225	90	92	E	W	—	—	0.00	
4	29.239	29.444	47.2	38.4	36.6	51.3	266	222	83	96	W	SE	—	—	1.30	
5	29.112	29.059	46.2	43.6	33.0	51.7	263	255	85	89	SW	NW	—	—	—	
6	28.990	29.030	45.9	41.6	38.1	47.7	236	261	77	99	SW	SE	—	—	—	
7	29.051	29.254	44.9	44.6	38.4	52.3	269	280	91	95	SE	NE	—	—	0.20	
8	29.554	29.859	47.5	42.4	42.4	48.3	281	269	87	99	E	E	—	—	0.00	
9	30.115	30.404	46.2	40.4	40.4	49.3	297	211	96	84	NE	E	—	—	0.20	
10	459	459	50.5	44.9	35.6	53.3	312	265	85	90	NW	SW	—	—	—	
11	309	257	47.5	46.2	43.9	50.3	324	292	99	94	W	NE	—	—	0.70	
12	124	159	45.9	44.4	42.7	50.3	281	267	92	91	NE	E	—	—	—	
13	154	30.087	44.2	44.4	43.9	48.3	270	276	93	95	E	NE	—	—	—	
14	30.081	29.900	48.5	43.4	41.9	49.5	274	266	81	95	SE	SE	—	—	0.90	
15	29.802	29.906	44.9	41.2	40.9	50.0	269	233	91	91	NW	NE	—	—	0.30	
16	29.727	29.720	41.6	41.6	34.7	49.7	214	224	82	86	N	SE	—	—	—	
17	29.64	29.615	45.2	44.2	40.9	45.2	266	278	89	96	E	E	—	—	2.50	
18	29.662	29.665	46.6	49.0	39.1	52.0	287	310	91	90	NE	NE	—	—	—	Fine and mild.
19	29.685	29.529	46.6	49.0	40.7	54.0	273	339	87	85	E	SE	—	—	—	
20	29.593	29.679	50.7	50.5	44.5	54.5	319	312	86	85	SE	SW	—	—	—	
21	29.654	29.607	51.5	45.6	42.7	56.3	335	304	88	100	SW	NE	—	—	2.00	
22	29.846	29.848	43.4	43.4	40.7	56.9	262	272	93	97	SE	NE	—	—	0.60	
23	29.519	29.704	51.7	46.2	41.5	55.3	303	285	79	92	W	W	—	—	0.60	
24	29.720	29.754	49.3	42.4	42.4	51.0	294	241	84	89	W	W	—	—	2.30	
25	29.601	29.754	48.3	41.4	40.2	52.0	294	242	88	93	W	NW	—	—	3.00	2 showers a.
26	29.925	30.070	41.4	40.2	37.4	49.0	238	194	91	78	NW	NW	—	—	2.20	2 showers.
27	30.207	30.307	45.9	40.4	36.1	49.7	256	214	84	86	W	NW	—	—	0.10	
28	29.7	29.7	48.7	46.6	37.4	53.3	279	287	81	91	W	W	—	—	—	
29	29.7	29.7	50.5	45.2	44.7	53.3	322	290	88	97	SW	E	—	—	0.90	
30	29.483	29.499	46.9	39.2	39.1	54.3	276	224	87	93	E	NE	—	—	—	
Means	29.472	29.391	53.5	48.3	32.5	56.0	320	272	80	81	SW	NW	—	—	1.900	

BRAEMAR.

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

APRIL 1880.

1	29° 356	29° 569	40° 9	37° 0	36° 4	48° 7	162	196	64	89	NW	0° 5	NW	1	0	7	1° 00	
2	29° 250	29° 274	37° 7	36° 8	31° 4	44° 3	210	202	93	93	NW	1	W	1	7	3	—	
3	29° 235	29° 211	42° 6	38° 6	36° 1	48° 5	206	189	76	81	SE	1	S	1	7	3	—	
4	29° 100	29° 066	40° 5	37° 4	35° 4	48° 9	192	189	76	85	S	1	S	1	8	4	—	
5	29° 034	29° 055	39° 4	38° 7	37° 4	46° 5	203	213	84	91	SE	2	SE	1	8	4	—	
6	29° 065	29° 169	41° 0	40° 9	36° 8	49° 8	208	234	81	92	S	1	S	0° 5	8	8	1° 10	
7	29° 510	29° 796	35° 9	36° 6	35° 9	45° 8	168	197	79	91	E	1	E	0° 5	10	3	1° 50	* showers.
8	30° 040	30° 322	39° 8	36° 4	36° 4	43° 3	215	182	88	84	N	2	NE	0° 5	6	2	0° 20	
9	29° 450	29° 450	37° 6	40° 6	27° 7	45° 5	175	215	77	86	E	0° 5	NE	1	4	8	—	
10	29° 379	29° 250	42° 6	41° 8	40° 5	44° 3	249	254	91	96	SE	0° 5	N	1	7	10	1° 60	
11	29° 081	29° 122	41° 6	35° 9	35° 4	47° 7	237	176	91	83	NE	0° 5	NE	0° 5	9	1	—	
12	29° 136	29° 040	32° 4	39° 7	25° 7	49° 5	169	222	92	91	NE	0° 5	NE	1	9	10	1° 50	
13	30° 035	29° 881	39° 1	36° 5	36° 2	45° 5	194	199	82	92	E	0° 5	E	0° 5	9	10	4° 30	
14	29° 772	29° 868	39° 4	38° 6	33° 7	44° 3	210	214	87	92	NW	0° 5	NE	1	8	8	0° 30	
15	29° 944	29° 905	35° 4	36° 0	33° 7	40° 7	171	147	82	68	NE	0° 5	SE	2	8	8	1° 00	* showers.
16	29° 717	29° 583	36° 6	41° 6	33° 7	41° 6	197	220	91	84	NE	3	SW	4	10	8	1° 40	* showers.
17	29° 671	29° 695	44° 6	45° 6	40° 3	51° 2	233	265	79	87	SE	1	SW	4	9	8	0° 20	Fine a. ● showers p.
18	29° 706	29° 628	44° 4	48° 8	35° 4	49° 8	197	312	67	91	SE	6	SW	12	8	8	7° 60	Dull and hot. (hurricane) [6p.—10p.]
19	29° 587	29° 610	48° 7	47° 3	45° 1	57° 3	268	265	78	82	SW	4	S	6	7	6	0° 30	
20	29° 596	29° 711	48° 5	42° 8	42° 8	55° 2	245	230	72	84	S	2	SW	2	6	7	1° 80	
21	29° 342	29° 432	41° 7	42° 6	38° 3	53° 5	238	229	91	84	SW	6	SW	1	9	9	3° 70	
22	29° 523	29° 711	41° 6	42° 6	35° 7	49° 7	190	217	73	80	NE	2	SW	1	7	8	0° 20	● showers. Snow on hills.
23	29° 752	29° 783	45° 0	42° 3	41° 0	48° 7	224	201	75	75	SW	1	SW	2	7	7	0° 30	Snow on hills.
24	29° 635	29° 771	45° 4	37° 4	37° 4	48° 5	236	189	78	85	SW	2	NW	2	8	4	0° 20	Snow on hills.
25	29° 893	30° 061	42° 6	36° 0	36° 0	44° 8	195	182	72	86	NW	2	NW	2	7	8	1° 70	Snow on hills.
26	30° 135	30° 253	36° 8	36° 0	33° 6	42° 8	182	170	84	80	NW	3	N	3	8	5	—	
27	29° 866	29° 922	37° 0	35° 6	34° 7	51° 7	202	177	89	84	NW	1	NW	3	6	7	—	
28	29° 227	29° 273	47° 5	44° 6	35° 6	49° 3	255	276	78	94	NW	3	NW	1	8	9	0° 30	Fair a. ☼ ● p.
29	29° 419	29° 492	40° 4	35° 7	35° 4	50° 7	214	172	86	82	N	1	SE	1	7	2	—	
30	30° 448	30° 274	49° 4	46° 7	28° 7	57° 3	245	230	69	73	E	0° 5	W	0° 5	1	8	—	
Means	29° 777	29° 819	41° 2	39° 9	35° 7	48° 2	210	212	80.8	85.5	1.7	1.9	7.2	6.4	3.220			

LAUDALE.

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

APRIL 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.				
1	ins.	ins.	42°0	41°9	33°9	50°0	in.	in.	84	85	Calm	0	Calm	0	3	ins. 150	ga.	
2	29°432	29°630	42°0	41°9	33°9	50°0	223	224	84	85	Calm	0	Calm	0	3	10	150	ga.
3	29°141	29°234	43°5	46°9	34°1	51°1	231	256	82	81	SSW	7	SSW	6	9	10	310	ga. * 2 showers about 10a.
4	29°208	29°119	47°7	43°6	42°1	51°0	233	228	71	80	SSW	5	SSW	2	7	10	470	ga. and gp. Deep snow on the hills.
5	29°097	29°030	45°5	44°0	36°9	51°0	231	228	77	78	W	2	W	3	7	10	1100	ga. and gp. Snow on hills.
6	28°985	28°990	41°5	46°4	38°5	49°4	228	240	88	77	SW	6	SW	3	10	10	620	ga. and gp. Snow on hills.
7	29°060	29°080	46°5	43°0	40°8	48°4	251	255	80	92	WSW	5	WSW	4	9	10	470	ga. and gp. Snow on hills.
8	29°526	29°879	49°0	43°6	40°9	53°1	237	228	68	80	SSE	2	SSE	1	4	8	050	ga. and gp. Snow on hills.
9	30°087	30°313	46°2	43°5	41°9	51°3	238	207	77	74	SSE	1	SSE	1	7	0	—	ga. and gp. Snow on hills.
10	462	423	47°0	43°5	35°9	52°8	199	229	62	81	Calm	0	E	1	0	0	—	
11	400	233	45°8	48°2	38°7	55°1	252	281	82	84	Calm	0	E	4	10	10	—	
12	026	30°063	48°6	43°8	44°9	52°6	242	232	70	80	E	2	S	2	2	0	—	
13	30°077	29°972	46°6	47°3	36°4	53°2	215	223	68	69	E	3	ESE	1	2	9	—	
14	29°996	29°877	47°0	44°0	41°1	49°6	212	244	66	84	ESE	3	ESE	1	6	10	—	
15	797	585	46°7	44°0	38°4	55°9	223	283	71	98	NW	3	Calm	0	2	8	—	
16	946	850	43°2	41°0	38°9	56°2	189	257	68	100	E	4	E	4	8	3	070	[all day, cleared off in evening.
17	630	527	43°0	45°8	38°5	49°8	240	271	86	88	E	5	E	2	10	10	080	ga. and gp. Deep snow on hills
18	619	625	49°8	48°2	42°3	50°2	269	237	76	71	SSE	4	SW	3	10	9	550	ga. and gp. Steady from 4p.
19	531	518	46°0	51°2	42°5	51°5	205	333	86	89	SE	6	SE	5	10	10	1540	ga. and gp. Steady till late at night.
20	551	568	50°9	50°2	42°2	54°0	289	293	78	81	S	6	S	4	10	7	280	ga. and gp.
21	636	725	49°0	45°2	46°7	52°9	298	241	80	81	S	3	S	3	9	4	110	ga. and gp. Much snow.
22	725	424	51°5	44°2	40°0	53°0	345	263	91	91	SSW	5	SSW	2	10	9	100	ga. and gp. [on hills.
23	614	731	43°1	47°2	40°9	51°2	254	251	91	78	W	3	W	2	7	3	160	
24	840	875	49°8	46°0	43°1	50°7	269	269	76	87	WSW	5	W	4	9	10	230	ga. and gp.
25	758	29°834	47°5	45°0	43°9	49°6	250	269	77	70	W	6	NW	4	7	7	060	
26	29°997	30°086	43°0	49°2	41°0	49°2	226	235	82	67	N	3	N	3	5	4	—	ga. and gp.
27	30°214	323	44°0	41°2	36°0	49°2	174	181	60	70	N	4	N	4	3	2	—	ga. and gp.
28	268	325	47°0	44°2	31°9	51°0	209	228	65	78	N	3	N	3	2	3	—	ga.
29	303	313	51°6	50°8	35°0	57°0	272	209	72	80	Calm	0	NNE	1	8	6	—	
30	444	465	51°0	49°8	47°2	57°0	244	286	65	80	E	3	WSW	1	1	2	—	
31	30°475	30°314	48°8	47°0	45°4	63°0	255	233	73	73	Calm	0	Calm	0	10	8	—	
Means	29°783	29°807	46°8	45°7	40°0	53°3	241	248	75°7	80°9	5°3		2°5	6°6	6°7	7°350		

GLENALMOND.

Height above Mean Sea Level, 529 feet. Long. 3° 40' W. Lat. 56° 27' N.

APRIL 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	o	o	o	o	in.	in.	%	%					ins.	Bright day.
2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Clear night.
3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	ga.
4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
16	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
18	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
20	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
24	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
25	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
26	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
27	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
28	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
30	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.
Means	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	all day.

NOTE.—The observation book for this month has been lost. The values given above were supplied to the Meteorological Office for the Weekly Weather Report.

ROTHESAY.

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

APRIL 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	29.468	29.599	45.1	41.1	35.2	50.9	.236	.228	79	89	NW	Calm	—	—	.360	
2	29.411	29.588	44.1	45.1	39.1	51.4	.280	.236	97	79	S	SW	—	—	.250	10.30p.
3	29.443	29.444	50.0	39.1	38.6	51.4	.269	.220	75	96	S	SW	—	—	.520	2 showers.
4	29.160	29.127	48.0	45.1	36.8	53.9	.247	.228	74	77	SSW	SW	—	—	.070	2 showers.
5	29.988	29.091	44.6	42.6	41.1	49.9	.231	.253	78	93	SW	SSW	—	—	.370	Blow with 2 showers.
6	29.156	29.196	46.7	44.1	40.1	51.9	.284	.269	89	93	W	SW	—	—	.196	
7	29.457	29.808	48.5	41.1	40.6	53.4	.274	.238	81	93	ENE	W	—	—	.080	
8	30.070	30.326	50.5	45.1	36.7	56.5	.254	.256	70	85	NNE	NE	—	—	.015	T to the SE. 4p.
9	29.403	29.456	45.1	45.4	45.1	53.9	.226	.234	76	77	NE	Calm	—	—	.010	Fine day.
10	29.390	29.222	47.5	46.6	40.6	53.9	.252	.285	77	99	E	Calm	—	—	.035	Cloudy and mild.
11	29.048	29.068	44.3	44.1	42.1	50.2	.280	.237	100	81	ENE	E	—	—	.025	a. Fine p.
12	29.080	29.005	46.1	41.4	37.6	51.9	.228	.243	73	93	NE	E	—	—	.052	
13	30.013	29.807	47.2	42.6	38.6	50.4	.241	.253	75	93	SE	Calm	—	—	.015	
14	29.821	29.871	47.2	44.1	35.2	55.5	.266	.247	83	85	W	E	—	—	.025	showers.
15	29.940	29.838	45.1	39.3	37.3	50.4	.226	.172	76	72	SE	SE	—	—	.100	Blow and cold.
16	29.627	29.601	41.1	45.1	35.7	45.4	.216	.267	84	80	SE	S	—	—	—	Blow and cold. Snow on Arran hills.
17	29.653	29.717	51.0	42.1	41.1	53.4	.204	.259	81	97	SE	W	—	—	.210	
18	29.637	29.573	47.0	48.5	41.1	49.9	.280	.339	87	100	S	S	—	—	.155	(gale).
19	29.620	29.646	48.0	47.0	45.1	55.5	.314	.316	94	98	S	S	—	—	.320	
20	29.711	29.805	53.0	45.1	44.6	57.0	.286	.263	71	88	SW	W	—	—	.256	
21	29.403	29.457	52.0	43.6	41.1	52.9	.353	.275	91	97	SW	Calm	—	—	.416	
22	29.633	29.822	47.5	45.6	40.6	53.5	.233	.297	71	97	NW	W	—	—	.096	
23	29.916	29.913	48.5	46.4	40.6	53.9	.285	.278	84	89	SW	W	—	—	.035	
24	29.820	29.914	46.4	42.3	41.1	53.4	.294	.226	94	84	WSW	NW	—	—	.026	Blow with 2 showers.
25	29.974	29.972	49.0	41.1	38.6	52.9	.239	.198	68	78	NW	NW	—	—	—	Blow and cold.
26	30.208	30.227	47.0	40.1	34.2	54.5	.200	.199	62	80	NE	N	—	—	—	Blow and cold.
27	30.370	30.318	48.0	45.1	33.2	57.0	.228	.236	68	79	E	WNW	—	—	—	Clear and fine.
28	30.306	30.326	51.5	51.0	38.1	62.1	.276	.328	73	87	WNW	Calm	—	—	—	Mild and warm.
29	30.476	30.555	46.1	45.1	42.6	52.4	.247	.217	79	73	E	SE	—	—	—	Fine.
30	30.507	30.365	50.0	44.1	40.6	57.5	.249	.247	69	85	W	NW	—	—	—	Fine day. O
Means	29.812	29.848	47.5	44.0	39.4	53.3	.260	.252	79.3	87.2	—	—	—	—	3.637	

SCALEBY.

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

APRIL 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
2	29.429	29.623	42.0	39.3	38.5	53.0	.229	.208	86	88	SW	2	NW	2	8	.130
3	29.344	29.286	42.8	44.8	29.0	54.0	.240	.250	88	84	SW	6	SW	2	10	.170
4	29.189	29.300	49.3	44.0	41.2	55.0	.316	.270	90	94	SW	5	SW	2	9	.170
5	29.197	29.168	45.3	40.3	39.5	51.0	.255	.229	84	92	SW	2	SW	3	10	.150
6	29.177	29.267	45.0	41.3	37.2	50.0	.231	.217	77	84	SW	4	SW	2	7	.070
7	29.407	29.707	46.8	43.0	40.2	51.0	.275	.248	86	90	SW	2	SW	3	8	.130
8	29.995	30.257	46.8	40.3	39.2	52.0	.267	.217	84	88	Calm	0	NE	2	8	.050
9	30.393	30.425	46.8	43.8	35.2	52.0	.249	.235	78	82	NE	2	E	3	8	.020
10	30.349	30.150	47.3	39.6	36.2	50.0	.216	.196	67	81	NE	3	Calm	0	6	—
11	30.029	30.057	46.6	45.8	33.0	51.5	.217	.271	68	88	NE	2	Calm	0	8	—
12	30.016	29.977	44.8	41.8	39.0	49.2	.208	.186	70	71	E	1	E	2	10	—
13	29.991	29.844	43.3	40.8	31.1	45.5	.212	.228	76	90	NE	3	E	2	9	.020
14	29.808	29.786	40.8	38.8	38.0	46.0	.216	.214	85	91	NE	3	Calm	0	10	—
15	29.860	29.783	43.8	45.3	34.2	55.5	.272	.244	96	81	Calm	0	E	2	5	—
16	29.612	29.670	45.6	40.8	40.0	47.5	.226	.185	74	72	NE	4	E	7	7	.070
17	29.736	29.810	43.8	44.8	37.0	50.5	.250	.230	88	77	E	5	SW	4	8	.020
18	29.769	29.744	53.0	45.0	42.8	60.0	.394	.258	98	86	SW	4	SW	2	4	—
19	29.669	29.728	48.3	54.8	39.0	55.0	.225	.331	67	77	SW	4	SW	2	10	.130
20	29.735	29.824	50.8	49.0	48.5	58.6	.317	.270	85	76	S	4	SW	1	10	.080
21	29.606	29.591	49.6	47.0	44.2	55.3	.296	.286	83	90	SW	2	SW	2	10	.230
22	29.594	29.832	45.9	51.8	49.8	42.5	.329	.294	85	82	SW	8	SW	5	10	.210
23	29.938	29.858	47.6	42.3	39.0	54.0	.245	.221	74	83	SW	4	Calm	0	8	.030
24	29.854	29.857	48.8	47.8	39.8	54.2	.293	.260	85	78	SW	5	SW	3	10	.190
25	29.922	30.028	46.8	44.8	43.0	55.0	.294	.230	92	77	SW	5	NW	4	10	—
26	30.146	30.203	47.8	41.3	38.2	52.8	.239	.230	72	89	NW	2	N	2	8	.080
27	30.319	30.285	43.3	37.6	29.8	50.0	.189	.188	67	84	N	3	N	1	7	—
28	30.259	30.282	40.3	42.8	32.5	56.0	.214	.221	86	80	SW	2	NE	2	10	—
29	30.416	30.527	42.3	36.8	36.8	51.0	.268	.179	99	82	NE	4	NE	3	4	—
30	30.488	30.357	44.8	44.3	30.0	56.2	.215	.231	72	79	SW	2	Calm	0	2	—
Means	29.818	29.847	46.1	43.3	37.5	52.7	.253	.235	80.8	83.3	3.3	2.2	4.5	5.0	1.950	

DOUGLAS, ISLE OF MAN.

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

APRIL 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°	41°	39°	51°	ins.	ins.	100	100	WNW 5	Calm	1	2	ins.	p.
2	29°508	29°620	44°	41°	39°	51°	242	231	82	90	WSW 4	Calm	10	8	ins.	
3	249	358	49°	46°	35°	55°	357	288	100	92	SSW 5	SW 4	7	4	207	
4	351	304	50°	46°	35°	53°	339	292	93	94	W 3	WSW 5	4	7	010	
5	203	238	47°	45°	43°	51°	275	268	84	90	WSW 6	SW 2	8	6	007	
6	210	155	45°	43°	41°	49°	262	253	86	90	W 3	W 4	5	3	260	
7	226	311	48°	43°	40°	52°	270	244	81	85	NE 2	NW 3	8	0	—	
8	29°390	29°727	45°	43°	42°	51°	258	236	85	85	NE 3	NE 4	6	2	—	
9	30°029	30°246	47°	44°	38°	51°	248	248	76	86	NE 3	ENE 2	1	2	—	
10	410	411	46°	42°	41°	49°	237	200	75	73	NE 3	ENE 1	4	10	030	
11	353	125	46°	45°	35°	51°	225	205	73	97	E 2	ENE 1	9	10	—	
12	021	30°017	45°	42°	42°	45°	237	253	79	91	SE 4	E 1	9	10	—	
13	30°001	29°919	44°	43°	35°	45°	210	247	74	89	ENE 1	ESE 5	9	10	020	
14	29°961	890	43°	40°	40°	49°	247	225	86	91	E 2	WNW 1	9	4	—	
15	890	772	50°	46°	32°	51°	268	253	74	81	ESE 3	NE 4	4	7	—	
16	825	697	45°	41°	40°	48°	252	237	84	93	NE 5-6	E 6	9	10	400	
17	509	658	46°	45°	40°	49°	293	289	92	95	SE 5	S 3	8	2	030	
18	663	773	47°	44°	44°	48°	357	357	88	100	SSE 6	S 7	10	10	580	
19	707	671	48°	49°	43°	51°	333	333	100	97	S 2	S 3	10	10	030	
20	677	723	47°	47°	46°	53°	333	333	100	97	S 2	S 3	10	10	030	
21	763	873	50°	44°	44°	54°	324	279	89	94	W 3	Calm	7	3	200	
22	620	426	49°	48°	42°	50°	337	330	95	99	SSW 6	SSW 7	10	10	220	
23	701	29°897	48°	43°	41°	53°	297	258	90	90	W 3	NW 2	7	1	—	
24	098	30°022	49°	49°	42°	54°	305	294	88	85	W 4	W 3	8	9	080	
25	29°919	29°955	49°	44°	42°	55°	330	250	95	86	W 3	W 4	10	7	030	
26	30°001	30°046	48°	44°	41°	51°	263	220	79	75	WNW 4	NW 4	6	7	—	
27	172	295	44°	42°	38°	50°	186	216	63	80	NNE 4	NE 2	6	4	—	
28	340	294	46°	41°	31°	51°	225	221	73	84	ESE 2	NW 1	4	0	—	
29	265	274	50°	49°	34°	51°	277	310	76	87	NE 3	ENE 2	7	8	—	
30	423	507	46°	37°	37°	50°	240	205	77	90	NE 4-5	Calm	8	2	—	
Means	29°830	29°853	47°	44°	39°	51°	272	261	83	89	3°	2°	6°	5°	3°	214

WAKEFIELD.

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

APRIL 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°431	29°622	45°	43°	40°	50°	225	227	75	82	W 4	W 4	4	2	—	Fine and bright all day.
2	396	415	43°	46°	36°	55°	255	280	92	91	SE 1	WSW 1	10	3	090	
3	438	376	54°	52°	39°	60°	309	309	73	79	SW 2	WSW 2	6	10	520	
4	105	324	47°	45°	45°	54°	318	239	99	80	SE 1	WSW 1	10	2	030	
5	302	214	48°	42°	41°	52°	250	219	74	80	SW 4	S 3	5	3	060	
6	251	302	46°	43°	34°	54°	245	199	78	71	WSW 1	W 3	8	2	010	
7	444	29°682	46°	43°	35°	55°	224	248	72	87	SW 2	NNE 3	6	10	020	
8	29°976	30°197	44°	44°	40°	50°	236	240	79	82	NE 3	NE 2	9	10	—	
9	30°365	391	45°	39°	38°	49°	235	207	78	85	NNE 2	NNE 2	6	10	—	
10	341	152	42°	43°	38°	51°	204	199	77	70	NE 1	SE 1	10	4	—	
11	066	30°040	41°	39°	38°	48°	214	214	82	90	ENE 2	NNE 2	10	2	—	
12	30°009	29°978	40°	41°	36°	43°	218	236	86	92	E 2	E 2	10	5	170	Overcast till 5 p., then fine but very cold
13	29°981	870	41°	37°	37°	48°	245	223	95	99	N 1	ENE 1	10	4	400	Ground 5 p.
14	800	780	41°	44°	31°	54°	238	226	93	77	N 1	NE 1	10	10	—	or 9 a.
15	807	760	45°	41°	40°	49°	231	238	77	93	NNE 2	ENE 3	10	10	360	
16	658	758	45°	45°	40°	55°	266	252	87	84	SSE 2	S 2	10	2	—	
17	815	866	50°	50°	41°	61°	284	277	79	77	S 1	SSW 3	3	6	—	Fine and bright all day.
18	854	869	47°	55°	33°	58°	267	324	80	74	SE 2	SSE 3	10	10	—	
19	817	788	56°	52°	51°	61°	295	329	65	84	S 5	SSW 2	9	1	—	
20	801	916	53°	48°	43°	58°	302	273	74	82	SW 2	W 2	10	0	—	
21	802	622	50°	52°	44°	56°	277	264	78	68	S 4	S 7	10	7	—	
22	731	29°881	49°	45°	44°	56°	237	250	67	81	SW 6	W 3	6	0	—	
23	995	30°001	50°	50°	39°	55°	283	267	78	72	WSW 4	W 4	5	8	—	
24	951	29°899	50°	45°	45°	54°	279	232	76	77	W 5	W 3	10	0	—	
25	29°927	30°008	48°	40°	40°	52°	219	225	65	91	WNW 4	WNW 2	2	8	250	Fine and bright till 5 p., then dull with
26	30°118	256	43°	39°	38°	49°	196	191	70	80	N 3	N 2	7	0	020	Fine since 10 a.
27	321	287	44°	45°	34°	52°	216	214	74	71	NNW 4	N 2	10	6	—	Very cold 9 a.
28	223	249	47°	44°	39°	53°	247	223	75	76	N 2	N 3	9	7	030	
29	394	529	44°	41°	39°	50°	188	177	65	69	N 3	E 2	10	2	—	
30	30°509	30°377	45°	43°	27°	50°	204	214	68	77	SW 1	E 1	0	0	—	Fine and bright all day.
Means	29°857	29°880	46°	44°	39°	53°	247	241	77	80	2°	2°	7°	4°	1°	960

KELSTERN.

Height above Mean Sea Level, 388 feet. Long. 0° 7' W. Lat. 53° 24' N.

APRIL 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°	39°	38°	50°	ins.	ins.	100	100	NW 5	WNW 5	9	1	ins.	
2	29°392	29°606	43°	39°	38°	50°	246	207	87	87	SSW 4	W 1	10	2	136	
3	494	416	40°	43°	34°	48°	255	267	100	94	SSW 4	W 1	10	2	136	
4	478	450	50°	49°	42°	56°	334	307	90	86	WSW 2	SSW 3	9	4	414	
5	214	351	47°	41°	39°	51°	321	212	97	83	SW 3	WSW 2	10	0	340	
6	362	277	45°	40°	37°	51°	253	207	83	84	SW 4	SW 2	7	1	094	T p.
7	270	344	43°	39°	31°	51°	248	225	88	95	SW 2	SW 1	1	0	203	T p.
8	469	29°661	45°	41°	33°	53°	258	231	86	88	SW 1	Calm	4	1	—	
9	29°938	30°201	43°	39°	37°	46°	261	241	93	100	NE 2	NE 3	10	10	—	∞ a. ∞ p.
10	30°322	353	41°	39°	38°	45°	211	188	80	80	NE 4	NE 3	10	10	030	
11	306	158	40°	38°	37°	43°	207	206	84	90	NNE 2	NE 1	10	8	—	
12	30°071	30°046	42°	36°	36°	46°	225	210	85	97	E 2	NE 1	9	0	—	
13	29°971	29°985	40°	39°	35°	45°	205	231	83	95	E 3	ESE 2	10	2	084	
14	960	885	44°	45°	35°	51°	285	298	98	99	ESE 1	SE 1	10	10	176	
15	795	732	44°	41°	40°	47°	288	257	100	100	NE 1	NE 1	10	10	105	∞ ga. and before.
16	791	763	43°	40°	40°	45°	253	245	88	96	NNE 3	ENE 5	10	10	085	
17	704	844	46°	42°	40°	55°	272	238	86	87	S 4	SW 2	9	0	—	
18	848	898	53°	47°	37°	60°	296	283	72	88	S 3	SSE 1	0	6	—	
19	978	944	52°	51°	39°	60°	268	301	70	78	SSW 4	SSW 6	3	10	—	p.
20	960	846	53°	51°	48°	64°	293	338	72	88	SSW 6	SSW 1	9	10	240	a.
21	798	934	47°	45°	45°	60°	327	279	99	92	SSW 1	WSW 1	10	3	—	
22	911	719	47°	47°	39°	55°	290	269	90	83	SSW 5	SSW 7	10	4	030	all day.
23	723	29°877	49°	42°	42°	58°	249	220	70	81	W 6	WNW 1	4	0	—	a.
24	996	30°012	53°	45°	35°	57°	296	240	73	79	W 2	WSW 3	3	5	120	
25	962	29°898	47°	45°	44°	53°	319	252	97	82	WSW 3	WSW 2	10	4	—	
26	29°917	30°006	47°	40°	36°	56°	231	242	70	97	WNW 3	NW 1	2	7	355	● ▲ K p.
27	30°065	207	44°	38°	37°	49°	218	196	74	85	NNE 3	NNE 2	6	2	015	
28	269	258	44°	41°	33°	46°	227	246	78	93	NNE 3	NNE 2	8	10	—	▲ before ga.
29	186	226	43°	39°	38°	47°	271	221	97	92	ENE 3	NE 4	10	10	—	
30	348	510	42°	39°	37°	48°	225	195	85	81	NNE 2	NE 2	10	4	—	
31	30°508	30°392	46°	36°	30°	51°	197	188	63	87	ENE 1	ENE 1	2	0	—	Very fine all day.
Means	29°865	29°893	45°	42°	38°	52°	261	241	84°	88°	2°	2°	7°	4°	2°	

BUXTON.

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

APRIL 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°1	43°7	33°1	50°6	ins.	ins.	98	98	NW 2	W 3	6	5	ins.	☉ before 9a.
2	—	—	39°6	43°1	34°1	51°4	234	280	98	98	NW 1	W 2	10	10	—	☉ before 9a.
3	—	—	49°1	47°0	31°7	53°6	344	321	98	99	W 1	W 2	7	6	520	☉ before 9a.
4	—	—	35°1	37°1	31°4	56°0	202	201	99	91	NW 1	W 1	4	0	386	☉ before 9a.
5	—	—	44°0	42°0	34°0	51°4	278	276	97	100	W 1	W 2	10	10	—	☉ before 9a.
6	—	—	45°1	39°9	33°6	54°9	301	246	100	100	NW 1	WNW 2	3	6	—	☉ before 9a.
7	—	—	39°2	39°0	30°4	56°3	196	219	82	93	W 1	NW 2	2	3	—	☉ before 9a.
8	—	—	37°1	44°0	29°2	53°4	219	218	99	81	W 1	E 2	4	1	—	☉ before 9a.
9	—	—	33°0	36°6	30°0	49°4	188	186	100	86	E 1	E 1	10	0	—	☉ before 9a.
10	—	—	32°7	35°4	31°0	47°8	184	200	99	97	E 1	NE 1	7	0	—	☉ before 9a.
11	—	—	39°0	36°0	29°8	43°1	181	193	77	92	ENE 1	E 1	10	0	—	☉ before 9a.
12	—	—	38°2	38°6	31°9	42°2	188	224	82	96	ENE 2	E 1	10	10	—	☉ before 9a.
13	—	—	39°9	36°3	35°0	50°9	239	214	98	100	E 1	NW 1	10	10	190	☉ before 9a.
14	—	—	39°6	41°2	31°2	51°8	231	208	95	81	W 2	E 2	7	9	—	☉ before 9a.
15	—	—	39°5	36°6	30°1	44°7	214	208	89	97	E 2	E 2	10	6	—	☉ before 9a.
16	—	—	41°5	47°7	35°1	54°5	248	229	95	70	NW 2	W 1	10	3	—	☉ before 9a.
17	—	—	47°0	48°0	40°2	58°8	316	266	98	80	NW 1	WSW 2	4	3	—	☉ before 9a.
18	—	—	43°1	49°6	48°1	58°4	269	292	97	82	W 2	W 3	6	4	—	☉ before 9a.
19	—	—	50°4	48°1	47°8	57°1	284	283	79	84	W 2	W 1	10	0	—	☉ before 9a.
20	—	—	60°0	44°0	44°0	58°0	309	265	86	92	W 1	W 1	10	6	—	☉ before 9a.
21	—	—	48°0	46°2	36°8	50°0	278	306	98	98	S 3	WNW 2	10	7	210	☉ before 9a.
22	—	—	45°8	48°2	37°2	56°3	302	274	98	82	W 2	W 2	8	0	—	☉ before 9a.
23	—	—	45°1	45°9	37°1	57°1	251	246	83	81	W 2	W 5	8	5	—	☉ before 9a.
24	—	—	46°7	47°5	34°5	52°3	276	292	87	90	NW 2	W 1	10	10	—	☉ before 9a.
25	—	—	44°0	48°0	35°0	51°5	243	218	84	96	W 2	NW 1	8	3	230	☉ before 9a.
26	—	—	43°5	46°3	30°0	48°0	231	218	82	99	W 1	NW 2	6	10	020	☉ before 9a.
27	—	—	39°9	40°0	29°7	48°4	189	247	77	100	NE 1	E 1	7	0	—	☉ before 9a.
28	—	—	43°3	41°1	30°5	50°2	229	208	81	80	E 2	E 2	10	0	—	☉ before 9a.
29	—	—	40°9	35°0	32°6	51°0	183	204	72	100	NE 1	NE 1	8	0	—	☉ before 9a.
30	—	—	47°0	36°1	26°8	55°4	316	193	98	91	E 2	NE 1	0	6	—	☉ before 9a.
Means	—	—	42°1	41°6	34°1	52°6	245	240	90°7	91°1	1°5	1°7	7°5	4°4	2°26	

HILLINGTON, NORFOLK.

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

APRIL 1880.

Day.	29°416	29°628	43°8	41°7	39°0	52°2	233	205	81	79	W 4	W 3	10	0	020	☉ a. Very fine p.
1	542	431	43°1	48°0	34°3	48°6	263	305	94	92	SSW 2	SW 2	10	10	675	☉ 8a.—2p. and (very heavy) 6.15 p.
2	509	498	52°4	52°0	42°5	58°7	340	325	86	84	SW 2	SW 2	7	4	196	☉ 1.55 p.—2.25 p.
3	248	377	53°5	44°4	42°9	53°9	355	231	87	79	SW 4	WNW 3	10	0	058	☉ [K (very near) 5.30p.—5.55p.
4	413	310	46°5	41°2	39°0	55°5	256	229	82	89	W 5	W 3	10	3	006	☉ early a. T 4.45 p. < 5.30p.
5	276	342	47°4	42°0	31°9	54°7	253	226	78	96	SW 1	SW 1	5	10	140	☉ early a. Very fine.
6	480	29°647	47°3	41°1	32°8	58°1	265	247	82	96	SW 1	SE 0°5	3	3	004	☉ early a.
7	29°902	30°144	44°8	40°0	32°1	55°3	280	245	95	99	E 1	NE 2	10	10	002	☉ showers.
8	30°270	307	43°5	39°6	39°2	46°6	221	218	79	90	NE 4	NE 3	10	10	100	☉ all day, except Noon—2p.
9	244	30°127	43°9	38°4	37°1	47°1	224	200	77	87	NE 3	SE 2	10	10	010	Squally 2p.
10	30°040	29°997	43°6	36°3	36°3	53°5	228	204	80	95	ENE 3	NE 0°5	10	0	002	Nightingale heard.
11	29°935	939	42°2	36°2	34°6	45°7	220	205	83	96	ESE 2	ESE 1	10	0	070	Cuckoo first heard. Swallow seen.
12	923	862	45°0	45°6	36°2	57°7	287	285	96	94	NW 1	Calm 0	10	10	356	☉ 5a.—9.45a.
13	767	684	45°9	41°9	41°5	47°4	303	266	98	100	SW 0°5	NE 4	10	10	390	☉ a.
14	760	701	45°2	43°7	40°8	51°5	260	267	87	93	SE 5	ESE 5	10	10	038	☉ showers.
15	703	872	51°4	44°8	40°0	57°7	288	252	77	85	SW 5	SW 1	8	0	002	☉ all day, except Noon—2p.
16	29°865	889	58°9	47°0	37°3	63°5	325	256	66	80	S 4	S 3	10	2	—	Squally 2p.
17	30°016	986	53°5	52°5	40°1	63°4	268	209	66	76	SW 4	SW 4	3	10	—	Nightingale heard.
18	29°925	849	62°8	54°8	50°8	67°1	324	352	57	82	S 4	S 1	7	10	294	Cuckoo first heard. Swallow seen.
19	822	947	47°5	45°9	45°9	61°8	316	292	97	95	SW 0°5	W 0°5	10	4	011	☉ 5a.—9.45a.
20	971	803	51°7	51°9	39°2	57°1	279	249	74	65	WSW 4	SW 6	10	10	—	☉ a.
21	29°783	29°881	51°1	45°0	44°3	57°4	250	266	67	89	WSW 5	W 1	7	7	080	☉ a.
22	30°016	30°042	52°3	46°9	32°3	60°2	293	244	75	77	WNW 2	NW 3	2	10	080	☉ a.
23	29°999	29°897	49°0	49°5	45°4	55°2	322	292	93	83	W 2	W 5	10	10	047	☉ a.
24	29°929	29°990	48°8	43°1	39°3	56°4	240	249	69	89	NW 5	N 1	6	8	212	☉ a.
25	30°033	30°152	47°6	41°1	38°9	50°7	230	193	70	76	N 4	NE 5	7	3	020	☉ a.
26	228	205	45°1	43°5	37°0	49°2	223	240	75	85	NNE 4	NE 5	10	10	008	☉ a.
27	135	151	46°3	41°9	41°1	49°7	280	222	90	85	NE 3	NE 5	10	10	013	☉ a.
28	296	447	44°8	37°3	37°2	53°6	252	189	85	86	ESE 3	N 0°5	10	1	008	☉ a.
29	30°477	30°373	50°5	37°0	34°7	55°1	256	199	70	90	NE 2	NE 0°5	2	0	002	☉ a.
Means	29°864	29°883	48°3	43°8	38°8	54°8	271	249	80°5	87°1	3°0	2°5	8°2	6°3	2°844	

APRIL 1880.

UPPINGHAM.

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

APRIL 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°473	29°677	43°2	39°0	39°0	50°3	in.	in.	°/o	°/o	W by N 5	WNW 2	8	0	ins.	☉ with squalls a. ☉ 2.	
2	°499	°455	42°2	44°9	36°6	54°9	°258	°270	96	92	82	89	S by W 2	WNW 1	10	4	°140	☉ a.	
3	°504	°481	52°9	50°2	44°3	57°0	°323	°330	81	91	91	91	sw by W 3	S	3	9	°276	Distant T° 1p. ☉ 2.	
4	°235	°396	49°9	41°2	41°2	51°9	°328	°217	92	85	85	85	SSW 3	W	2	10	°0	☉ 2.	
5	°398	°307	45°9	38°7	38°4	52°3	°205	°204	86	87	86	86	WSW 3	SW	3	8	°0	☉ 191	
6	°277	°366	38°2	41°0	33°2	52°0	°224	°231	98	90	90	90	sw by W 1	W	1	8	°0	☉ 2.	
7	°461	°29629	46°9	42°9	35°3	54°6	°267	°261	84	79	79	79	W by S 1	Calm	0	2	1	☉ 2.	
8	29°905	30°150	42°6	40°6	37°7	56°9	°251	°242	92	96	96	96	NNE 2	NE	3	10	10	☉ 2.	
9	30°302	°331	42°4	38°1	38°1	48°0	°221	°207	82	90	90	90	NNE 2	NNE 2	10	10	10	☉ 2.	
10	°270	30°141	42°2	39°6	36°0	46°2	°227	°211	84	87	87	87	NNE 2	NNE 2	10	10	10	☉ 2.	
11	30°038	29°998	40°5	36°8	35°1	48°6	°226	°215	90	98	98	98	ENE 1	NE	1	10	3	☉ 2.	
12	29°939	°939	38°6	37°7	34°2	45°9	°286	°219	97	97	97	97	ESE 1	E by N 1	10	8	0	☉ 2.	
13	°927	°874	45°0	44°3	33°9	54°5	°287	°284	96	98	98	98	ENE 1	Calm	0	10	10	☉ 2.	
14	°772	°711	44°8	40°5	40°5	48°1	°293	°239	99	95	95	95	Calm	ENE 1	10	10	10	☉ 2.	
15	°750	°694	42°2	42°0	40°1	44°5	°258	°265	96	99	99	99	NE 2	E	1	10	10	☉ 2.	
16	°702	°842	44°2	43°0	39°2	53°2	°265	°251	92	90	90	90	S by W 3	S	1	9	0	☉ 2.	
17	°834	°899	51°1	48°5	37°2	60°6	°308	°294	81	86	86	86	S by E 2	SSW 2	7	10	—	☉ 2.	
18	°980	°947	47°1	52°2	38°2	58°0	°283	°331	88	84	84	84	S	SSW 5	8	10	—	☉ 2.	
19	°900	°840	53°6	50°4	50°4	64°5	°315	°356	76	97	97	97	S by W 3	S by W 1	10	10	10	☉ 2.	
20	°819	°968	50°1	46°3	46°3	59°4	°331	°285	91	92	92	92	W by S 1	W by S 1	10	2	0	☉ 2.	
21	°958	°761	47°6	47°5	41°3	54°0	°289	°274	88	83	83	83	SSW 3	SSW 9	10	10	0	☉ 2.	
22	29°762	29°895	51°4	43°2	42°9	56°5	°293	°247	77	89	89	89	sw by W 4	W	1	1	—	☉ 2.	
23	30°032	30°066	51°4	46°8	36°7	57°7	°295	°255	78	80	80	80	W by N 3	W by S 2	2	10	0	☉ 2.	
24	30°006	29°118	48°8	49°4	44°6	54°1	°300	°300	86	86	86	86	WSW 2	W	2	10	10	☉ 2.	
25	29°950	30°009	47°8	42°2	37°9	54°1	°256	°241	78	90	90	90	NW 3	NW 1	5	6	°145	☉ 2.	
26	30°045	°194	42°0	38°0	35°5	50°3	°227	°204	86	89	89	89	NE 3	N	2	8	1	☉ 2.	
27	°243	°221	41°2	41°0	32°1	48°6	°221	°235	86	92	92	92	NE 3	NE 1	10	10	0	☉ 2.	
28	°146	°139	45°0	39°6	39°5	48°3	°264	°235	89	97	97	97	NE 3	NE 2	10	10	0	☉ 2.	
29	°306	°487	42°8	38°5	36°0	52°9	°251	°201	92	87	87	87	NE 1	E	1	10	3	☉ 2.	
30	30°485	30°384	45°8	39°8	34°2	60°0	°248	°190	81	77	77	77	NE 1	Calm	0	5	0	☉ 2.	
Means	29°864	29°891	45°6	42°8	38°5	53°3	°268	°249	87°5	89°7	2°4	1°8	8°5	5°9	1°911	—	—	—	☉ 2.

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

CHURCHSTOKE.

Height above Mean Sea Level, 549 feet. Long. 3° 5' W. Lat. 52° 31' N.


























APRIL 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	43.2	42.8	37.0	49.1	ins.	ins.	78	85	WNW 5	WSW 3	8	6	ins.	☉ ☁
2	29.574	29.740	43.2	42.8	37.0	49.1	29.574	29.740	78	85	WNW 5	WSW 3	8	6	ins.	☉ ☁
3	384	470	45.3	48.9	39.2	59.0	274	296	91	86	W 4	W 3	10	5	0.13	☉ ☁
4	492	436	53.3	49.3	48.0	58.3	298	313	74	90	W 4	SW 4	8	10	345	☉ ☁ most of night.
5	272	400	46.0	43.6	42.4	52.3	269	224	87	79	WSW 3	WNW 4	8	0	0.10	☉ ☁ Clear and bright, but gusty.
6	360	268	48.1	40.1	38.0	51.2	237	206	71	83	W 3	S 4	5	0	1.07	☉ ☁ Δ p.
7	280	429	46.5	40.8	35.0	51.3	272	221	87	88	NNW 4	SW 2	4	3	0.99	☉ ☁ a. Fine and sunny. Δ T p.
8	454	29.697	45.8	39.8	36.0	52.3	232	226	73	93	SW 4	SW 3	7	5	1.18	☉ ☁
9	29.975	30.266	40.5	42.5	37.6	49.5	225	231	90	86	N 2	NNW 1	10	1	—	☉ ☁ 8 a.
10	30.362	3.798	41.1	41.2	39.0	47.1	220	197	85	77	NNE 2	NNE 3	10	7	—	☉ ☁
11	336	393	37.8	40.0	32.5	45.1	172	199	76	81	NNE 4	E 1	10	8	0.03	☉ ☁ a. ☁ (mist) 9a. and 9p.
12	30.057	30.031	37.8	40.1	35.0	45.4	181	210	80	85	E 4	SE 2	10	5	—	☉ ☁ a. ☁ (mist) 9a. and 9p.
13	29.949	29.968	40.1	37.0	35.0	41.1	191	200	77	91	NE 3	NE 2	7	5	1.07	☉ ☁ a. ☁ (mist) before 9a.
14	078	924	41.1	42.1	34.0	51.1	232	242	90	90	SSE 2	N 2	10	8	0.01	☉ ☁ ☁ ☁ 9a.
15	809	776	39.1	43.8	31.0	50.2	225	224	94	77	N 2	NE 3	10	10	—	☉ ☁ ☁ ☁ 2 on hills.
16	739	671	41.8	42.0	39.0	45.1	225	254	85	95	ENE 4	E 4	10	10	1.91	☉ ☁ ☁ ☁
17	620	811	46.8	45.9	38.0	51.3	227	263	72	86	S 5	S 3	5	8	0.30	☉ ☁ ☁ ☁ . Fine. ☉ p.
18	736	886	48.9	40.8	40.0	50.1	252	215	73	85	SSE 4	SSE 2	4	4	—	☉ ☁ ☁ ☁ a. Fine and sunny.
19	889	843	49.2	50.8	35.6	50.2	271	327	77	88	SSE 4	SW 5	8	10	0.21	☉ ☁ ☁ ☁ ☁
20	782	806	51.1	46.8	45.7	58.1	297	298	79	93	WSW 6	Calm 0	9	3	0.43	☉ ☁ ☁ ☁ ☁ before 9a. ☉ ☁ ☁ ☁ 9a. Sunny p.
21	830	998	51.7	44.9	43.0	57.1	280	245	74	83	WSW 2	W 1	5	1	0.18	☉ ☁ ☁ ☁ ☁
22	880	621	49.3	48.0	42.0	54.3	305	286	88	86	W 4	SW 5	10	9	0.42	☉ ☁ ☁ ☁ ☁ T. a. ☉ with squalls p.
23	29.780	29.955	47.2	43.4	40.6	50.3	235	228	73	80	W 3	NNW 0.5	7	0	—	☉ ☁ ☁ ☁ ☁ Fair and warm. ☉ p.
24	30.077	30.130	50.1	46.8	34.8	54.1	262	263	73	83	W 3	W 1	5	7	—	☉ ☁ ☁ ☁ ☁
25	052	023	49.5	48.0	46.1	51.9	289	307	82	92	W 3	NW 3	10	10	—	☉ ☁ ☁ ☁ ☁
26	031	072	45.8	38.2	36.2	51.8	220	178	72	77	NW 2	Calm 0	8	1	1.52	☉ ☁ ☁ ☁ ☁ ☉ on grass.
27	116	292	39.4	36.9	34.8	47.2	227	203	95	93	NE 2	NE 1	10	6	0.27	☉ ☁ ☁ ☁ ☁ ☉ ☉ ☉ ☉ ☉ showers. Bitterly cold.
28	284	272	41.4	42.0	30.3	47.5	193	301	74	76	ENE 3	NE 1	9	1	—	☉ ☁ ☁ ☁ ☁ Cold wind.
29	204	240	44.3	45.2	35.8	51.5	219	233	75	78	ENE 3	E 2	9	10	—	☉ ☁ ☁ ☁ ☁ Bitterly cold but clear.
30	302	513	40.8	36.8	35.0	47.1	167	168	66	76	ENE 3	E 1	10	3	—	☉ ☁ ☁ ☁ ☁ a. Bright and sunny.
30	30.531	30.408	42.6	38.6	27.9	55.4	193	208	72	89	E 1	Calm 0	1	0	—	☉ ☁ ☁ ☁ ☁
Means	29.873	29.917	44.9	42.9	37.3	51.5	237	237	79.4	85.0	3.3	2.2	7.9	5.4	1.49	

GELDESTON (BECCLES).

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

APRIL 1880.

1	29.388	29.636	44.0	42.9	40.4	51.6	244	198	84	72	W 5	W 3	10	2	0.10	 p.
2	29.397	29.636	43.9	42.1	36.8	47.1	254	322	88	99	SW 3	SW 1	10	1	0.240	
3	29.406	29.636	43.9	42.1	36.8	47.1	339	335	86	91	WSW 3	WSW 3	2	1	0.420	 3.30p.
4	29.415	29.636	43.9	42.1	36.8	47.1	348	243	87	90	SSW 4	Calm	0	10	0.060	
5	29.424	29.636	43.9	42.1	36.8	47.1	352	231	75	78	WSW 4	SW 5	7	10	0.180	 p.
6	29.433	29.636	43.9	42.1	36.8	47.1	345	248	84	89	W 1	SW 1	10	10	0.040	 p.
7	29.442	29.636	43.9	42.1	36.8	47.1	260	264	76	95	WSW 1	E 1	0	0	0.040	 early a.  2 ga.  2 ga.  2 ga.
8	29.451	29.636	43.9	42.1	36.8	47.1	203	241	90	96	NE 3	NNE 3	4	10	—	
9	29.460	29.636	43.9	42.1	36.8	47.1	218	228	76	85	NE 4	NE 2	10	10	0.010	
10	29.469	29.636	43.9	42.1	36.8	47.1	208	189	77	76	NE 3	NE 2	10	10	—	
11	29.478	29.636	43.9	42.1	36.8	47.1	222	219	81	89	ENE 2	ENE 2	10	2	0.010	 ga.
12	29.487	29.636	43.9	42.1	36.8	47.1	232	230	80	85	ENE 2	NE 1	10	0	0.030	 2 ga.
13	29.496	29.636	43.9	42.1	36.8	47.1	281	280	77	87	NE 2	E 1	7	10	0.050	ga. and 11p.
14	29.505	29.636	43.9	42.1	36.8	47.1	289	285	94	98	NE 2	N 3	10	10	0.190	
15	29.514	29.636	43.9	42.1	36.8	47.1	263	287	91	90	ENE 3	ENE 3	10	10	0.210	 (from East)  2 sp.
16	29.523	29.636	43.9	42.1	36.8	47.1	284	261	79	83	SW 2	S 2	10	0	—	
17	29.532	29.636	43.9	42.1	36.8	47.1	313	267	70	89	S 2	ESE 1	1	0	—	 ga.  0 p.  ga.
18	29.541	29.636	43.9	42.1	36.8	47.1	382	290	66	87	WSW 2	SSE 2	0	0	—	 ga. and ga. Cir. to NE. horizon.
19	29.550	29.636	43.9	42.1	36.8	47.1	303	296	60	78	SSW 3	ESE 2	1	8	0.040	 0 p. [blown up at SE. end.
20	29.559	29.636	43.9	42.1	36.8	47.1	338	305	95	88	WSW 3	SW 1	10	3	0.010	 2 11p.
21	29.568	29.636	43.9	42.1	36.8	47.1	291	277	76	75	SW 3	SW 5	8	5	—	 ga.  noon. Humidity 68 6.30p.
22	29.577	29.636	43.9	42.1	36.8	47.1	254	273	68	86	WSW 3	WSW 1	7	7	—	 ga.
23	29.586	29.636	43.9	42.1	36.8	47.1	250	242	60	78	W 2	WSW 1	0	2	—	 0 ga.  (22 1/2° rad. no colour)
24	29.595	29.636	43.9	42.1	36.8	47.1	306	333	82	92	WSW 3	WSW 2	10	10	—	[11p.
25	29.604	29.636	43.9	42.1	36.8	47.1	211	220	59	87	WNW 3	NW 1	3	0	0.090	 2 ga.
26	29.613	29.636	43.9	42.1	36.8	47.1	237	209	89	80	ENE 1	NNE 3	10	0	0.020	 ga.
27	29.622	29.636	43.9	42.1	36.8	47.1	212	243	76	83	ENE 5	NE 3	10	4	—	
28	29.631	29.636	43.9	42.1	36.8	47.1	264	216	85	79	NNE 3	NE 4	10	10	—	
29	29.640	29.636	43.9	42.1	36.8	47.1	188	188	57	70	ENE 5	ENE 4	6	10	—	Cum.-s. to west ending in a straight line North to South.
30	29.649	29.636	43.9	42.1	36.8	47.1	228	206	66	88	NNE 2	NNE 1	2	0	—	
Means	29.896	29.890	48.2	44.6	40.3	53.7	263	254	78.1	86.1	2.7	2.1	6.9	4.9	1.640	

CHELTENHAM.

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

APRIL 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	44.5	45.1	40.1	51.0	in.	in.	73	78	NW 2	NW 1	9	4	ins.	☉ till Noon.
2	29.592	29.728	44.5	45.1	40.1	51.0	29.592	29.728	73	78	NW 2	NW 1	9	4	ins.	
3	437	490	45.2	50.6	42.2	58.6	275	322	93	88	W 1	W 1	9	10	060	
3	554	501	52.8	51.8	47.5	58.2	325	345	81	89	SW 2	SW 2	8	3	350	☉ all day. ▲ 2p.
4	284	406	45.5	45.0	44.3	53.7	284	236	94	79	SW 1	W 1	10	0	170	
5	415	304	47.2	42.6	41.5	50.7	275	223	86	82	W 1	W 1	6	0	080	
6	296	410	46.0	45.2	35.6	55.0	245	233	80	78	W 1	W 1	6	0	170	☉ all day. ▲ 2p.
7	489	20.657	49.8	36.0	32.0	54.8	233	202	66	96	S 1	S 1	2	0	010	
8	29.021	30.195	43.3	41.6	34.2	52.4	241	232	86	89	N 1	N 1	10	3	010	
9	30.311	325	43.3	41.2	40.0	47.0	218	214	78	83	NE 2	NE 1	10	8	—	☉ all day.
10	276	30.119	41.6	42.2	37.9	46.2	208	206	79	78	N 1	N 1	10	10	—	
11	30.010	29.953	41.0	43.2	36.2	46.1	193	220	75	79	NE 1	NE 1	10	9	—	
12	29.926	901	41.1	42.8	38.0	50.0	212	238	82	87	E 1	Calm 0	7	4	—	☉ all day.
13	916	878	43.3	44.1	38.6	54.0	250	258	89	89	E 1	Calm 0	7	7	100	
14	759	705	44.2	44.1	40.8	47.6	276	271	95	93	Calm 0	N 1	10	10	300	
15	679	646	43.2	42.0	41.0	46.5	251	258	89	97	E 1	SE 1	10	0	190	☉ 2p. ☐ ☐ p.
16	673	825	49.6	46.6	39.4	53.5	240	260	68	83	S 3	SW 2	7	4	030	
17	782	834	54.1	39.0	38.2	59.0	379	222	91	94	SW 2	SW 1	6	0	—	
18	945	934	53.2	53.6	38.0	57.4	293	318	72	77	S 3	S 3	8	10	—	☉ 2p. ☐ ☐ p.
19	937	820	56.0	50.0	49.2	61.3	397	327	88	91	S 3	S 3	2	8	040	
20	29.865	967	53.0	49.3	40.3	59.0	313	289	78	83	S 1	NW 2	7	2	030	
21	30.006	710	50.7	50.0	45.0	57.0	283	271	77	76	SW 2	S 4	10	10	—	☉ 2p. ☐ ☐ p.
22	29.833	29.928	50.9	41.7	41.2	55.0	256	249	69	94	SW 1	N 1	4	5	120	
23	30.090	30.119	48.8	49.6	31.0	60.0	248	293	72	83	NW 1	SW 1	3	10	—	
24	052	29.082	53.5	50.7	45.6	54.2	289	310	71	84	W 2	SW 1	10	10	020	☐ ☐ p.
25	022	30.032	50.2	39.0	38.8	56.0	222	207	62	87	N 3	NW 1	5	0	—	
26	078	222	42.8	37.2	33.2	50.0	231	199	85	89	N 1	N 1	10	2	010	
27	267	220	42.0	42.2	29.6	47.4	204	202	77	76	NE 3	NE 2	9	0	—	☐ ☐ p.
28	169	175	46.0	45.5	39.3	49.6	238	231	77	77	NE 2	NE 2	10	10	—	
29	311	454	42.8	41.3	39.2	51.9	213	184	78	72	NE 2	NE 1	10	0	020	
30	30.486	30.354	45.0	47.2	27.5	57.6	203	201	68	62	NE 1	NE 1	4	0	—	☐ ☐ p.
Means	29.879	29.899	47.0	44.7	38.8	53.4	257	249	79.3	83.8	1.6	1.3	7.9	4.5	1.880	☐ ☐ p.

MARLBOROUGH.

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

APRIL 1880.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	ins. 300
2	29.605	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	● a. Fine p.
3	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	● a. Very fine p.
4	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	● showers. K 2.30 p.—3 p.
5	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	before ga. 2.5 p.
6	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
7	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
8	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
9	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
10	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
11	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
12	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
13	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
14	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
15	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
16	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
17	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
18	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
19	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
20	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
21	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
22	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
23	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
24	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
25	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
26	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
27	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
28	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
29	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
30	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	
Means	29.613	29.771	46.4	41.9	38.2	52.7	219	241	71	92	W	1	SW	1	10	2.530

STRATHFIELD TURGIS.

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

APRIL 1880.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	201 with squalls a.
2	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	202 with squalls a. and p.
3	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	203 with squalls a. and p.
4	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	204 a. and p. Squalls a.
5	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	205 with squalls a. and p.
6	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	206 a. a. K p.
7	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	207 a.
8	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	208 a. a. T p.
9	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	209 with squalls a. and p.
10	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	210 with squalls a. and p.
11	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	211 a.
12	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	212 a.
13	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	213 ga.
14	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	214 a.
15	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	215 a.
16	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	216 a.
17	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	217 with squalls a. and p.
18	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	218 with squalls a. and p.
19	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	219 with squalls a. and p.
20	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	220 Squally ga.
21	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	221 with squalls a. and p.
22	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	222 a.
23	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	223 with squalls a.
24	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	224 with squalls a. and p.
25	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	225 with squalls a. and p.
26	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	226 with squalls a. and p.
27	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	227 with squalls a. and p.
28	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	228 with squalls a. and p.
29	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	229 with squalls a.
30	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	230
Means	29.592	29.763	47.5	41.8	40.0	54.5	233	237	71	90	NW	4-3	NW	3	2	1.735

RAMSGATE.

Height above Mean Sea Level, 105 feet. Long. 1° 25' E. Lat. 51° 20' N.

APRIL 1880.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	40.8	40.0	54.0	in.	in.	%	%	SW	4			ins.	Squally ga. and before.		
2	29.545	29.759	40.4	40.8	40.0	54.0	.273	.238	87	94	SW	4	5	5	.040			
3	.633	.506	45.3	47.5	37.4	48.0	.303	.327	100	99	SW	4	SW	3	10		.240	
3	.562	.611	48.0	49.0	42.7	60.3	.335	.345	100	99	SW	2	SW	4	10		.050	
4	.381	.461	52.0	45.0	45.0	56.0	.379	.265	98	89	SW	4	W	2	10		0	
5	.562	.415	51.0	44.8	39.9	53.0	.296	.283	79	96	W	1	W	1	0		0	
6	.324	.415	45.2	42.0	39.8	51.6	.292	.262	97	98	SW	1	SW	2	9		5	
7	.550	29.689	50.4	45.0	37.6	55.1	.303	.299	83	100	W	1	Cal	0	1		8	
8	29.864	30.046	50.0	44.0	41.0	53.0	.331	.288	92	100	N	2	E	3	3		5	
9	30.192	.232	44.0	42.5	40.0	49.0	.254	.245	88	90	E	5	NE	5	10		10	.010
10	30.185	30.090	43.2	41.0	40.0	45.0	.257	.235	92	92	NE	3	NE	3	10		10	.020
11	29.981	29.939	43.2	44.0	40.0	50.0	.236	.278	84	97	E	1	E	2	10		10	—
12	.898	.955	45.6	45.0	41.3	49.8	.277	.299	91	100	E	1	NE	1	9		9	.320
13	.925	.866	50.0	50.0	44.8	53.2	.343	.331	95	92	E	1	W	1	5		10	.040
14	.708	.720	47.0	45.6	43.5	50.2	.323	.306	100	100	NE	2	Cal	0	10		10	—
15	.747	.724	45.1	48.0	44.5	50.0	.301	.333	100	99	E	1	E	1	10		10	.570
16	.727	.961	49.2	44.2	44.3	53.8	.295	.296	85	92	SW	3	SW	1	10		0	—
17	29.922	29.958	53.0	53.0	44.5	58.0	.330	.385	82	96	S	1	Cal	0	0		0	—
18	30.105	30.105	55.8	51.4	43.6	57.5	.338	.335	76	88	S	1	S	1	0		10	—
19	30.036	29.873	54.8	54.5	51.4	62.8	.349	.366	81	86	S	2	S	1	3		5	—
20	29.895	30.025	56.0	48.0	42.1	61.5	.446	.333	99	99	S	1	S	1	10		0	—
21	30.099	30.015	53.5	54.5	42.0	57.0	.352	.401	86	95	S	1	S	2	5		9	—
22	29.864	29.926	52.0	48.0	38.0	54.5	.351	.312	90	94	S	1	NE	1	9		8	—
23	30.077	30.135	52.6	48.2	45.0	60.0	.325	.264	81	79	S	1	S	1	0		0	—
24	.084	29.977	55.5	51.0	43.0	59.0	.366	.371	83	99	SW	1	SW	1	5		10	—
25	30.032	29.983	51.2	46.3	45.3	57.0	.343	.307	91	98	W	1	SW	3	5		8	.070
26	29.991	30.090	42.5	43.5	40.2	49.5	.272	.253	100	90	SW	2	NE	4	10		10	.170
27	.161	.190	47.5	45.0	41.0	49.9	.270	.278	83	93	E	2	NE	4	5		10	—
28	.059	.085	46.8	43.0	43.0	50.0	.296	.277	93	100	NE	2	NE	4	10		10	—
29	.206	.373	47.6	44.0	37.2	51.0	.264	.243	81	84	NE	5	E	1	5		5	—
30	30.418	30.335	48.6	43.0	42.8	51.8	.278	.255	82	92	E	2	NE	2	2	0	—	
Means	29.891	29.915	49.1	46.5	42.1	55.7	.313	.300	89.3	94.3	2.0	1.9	6.4	6.3	1.530			

ST. LEONARDS.

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

APRIL 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	47.5	41.0	40.5	51.8	in.	in.	%	%	W	4	3	0	ins.	▲ showers.
2	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	Squally 9a. (force 6 at times) till noon. D 9p.
3	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	▲ a. and p.
4	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	Squally a.
5	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	Squally n.
6	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	Very dense Cum. over the land. D 9p.
7	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	Wind E 10a.—4p. in SE at night.
8	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	all day.
9	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
10	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
11	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
12	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
13	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
14	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
15	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
16	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
17	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
18	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
19	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
20	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
21	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
22	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
23	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
24	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
25	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
26	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
27	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
28	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
29	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
30	29.587	29.778	47.5	41.0	40.5	51.8	29.587	29.778	99	100	SW	4	10	1	29.587	
Means	29.588	29.778	47.5	41.0	40.5	51.8	29.588	29.778	99	100	SW	4	10	1	29.588	

Observer remarks: A seasonable month, very free from (mist).

DARTMOOR.

Height above Mean Sea Level, 1,359 feet. Long. 3° 59' W. Lat. 50° 33' N.

APRIL 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	▲ before 9a. (mist) 9p.
2	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	▲ 9a.—9p.
3	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	▲ 9a. and 9p.
4	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
5	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
6	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
7	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
8	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
9	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
10	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
11	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
12	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
13	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
14	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
15	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
16	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
17	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
18	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
19	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
20	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
21	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
22	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
23	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
24	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
25	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
26	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
27	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
28	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
29	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
30	29.658	29.818	42.5	45.9	36.0	47.0	29.658	29.818	85	98	NW	2	9	10	29.658	
Means	29.660	29.820	42.5	45.9	36.0	47.0	29.660	29.820	85	98	NW	2	9	10	29.660	

APRIL 1880.

BABBACOMBE.

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

APRIL 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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° 829	48° 5	45° 0	40° 0	54° 6	in.	in.	%	%	WNW 4	WSW 2	5	10	ins.	Squally a. ○ 3p.—5p.
2	29° 700	29° 829	48° 5	45° 0	40° 0	54° 6	29° 700	29° 829	98	93	87	SW 2	WSW 4	10	2	29° 700	☼ ⁰ (mist) a. ☼ p.
3	29° 638	29° 829	48° 5	45° 0	40° 0	54° 6	29° 638	29° 829	98	93	87	WSW 3	WSW 5	9	10	29° 638	☼ before 9a.
4	29° 330	29° 829	48° 5	45° 0	40° 0	54° 6	29° 330	29° 829	84	83	82	WNW 3	WSW 4	3	0	29° 330	○ 0.15p.—0.30p.
5	29° 503	29° 829	48° 5	45° 0	40° 0	54° 6	29° 503	29° 829	75	90	90	WSW 5	WSW 4	9	8	29° 510	Squally a. ☼ in squalls mid-day.
6	29° 354	29° 829	48° 5	45° 0	40° 0	54° 6	29° 354	29° 829	79	85	85	NNW 2	WSW 3	6	6	29° 040	☼ 0.20p. and 4.25p. 3p.—4.15p.
7	29° 530	29° 829	48° 5	45° 0	40° 0	54° 6	29° 530	29° 829	73	87	87	W 3	NNE 1	3	6	29° 070	☼ ⁰ (mist) a. ○ 3.45p.—4.15p.
8	29° 870	29° 829	48° 5	45° 0	40° 0	54° 6	29° 870	29° 829	82	88	88	NNE 5	NE 4	4	9	—	☼ ⁰ (mist) a. ○ 3.45p.—4.15p.
9	30° 267	29° 829	48° 5	45° 0	40° 0	54° 6	30° 267	29° 829	77	76	76	NE 5	NE 5	2	10	—	☼ ⁰ (mist) a. ○ 3.45p.—4.15p.
10	30° 230	29° 829	48° 5	45° 0	40° 0	54° 6	30° 230	29° 829	80	68	68	ENE 4	NE 4	4	10	—	☼ ⁰ (mist) p. ☼ showers p.
11	29° 974	29° 829	48° 5	45° 0	40° 0	54° 6	29° 974	29° 829	85	80	80	ENE 3	ENE 2	10	10	—	☼ ⁰ (mist) p.
12	29° 891	29° 829	48° 5	45° 0	40° 0	54° 6	29° 891	29° 829	81	81	81	ENE 3	E 2	5	3	—	☼ ⁰ (mist) p.
13	29° 890	29° 829	48° 5	45° 0	40° 0	54° 6	29° 890	29° 829	84	84	84	ENE 2	NE 2	10	10	29° 090	☼ ⁰ (mist) a. and p.
14	29° 738	29° 829	48° 5	45° 0	40° 0	54° 6	29° 738	29° 829	90	96	96	NE 2	NNE 1	10	10	29° 270	☼ ⁰ (mist) p.
15	29° 554	29° 829	48° 5	45° 0	40° 0	54° 6	29° 554	29° 829	89	89	89	ENE 4	SSE 5	10	10	29° 220	☼ ⁰ (mist) a. ☼ ² ☼ 8.20a. and 8.45a. ☼ 9.30a.
16	29° 701	29° 829	48° 5	45° 0	40° 0	54° 6	29° 701	29° 829	85	76	89	SW 5	S 4	9	2	—	☼ ⁰ (mist) a. ☼ ² ☼ 8.20a. and 8.45a. ☼ 9.30a.
17	29° 765	29° 829	48° 5	45° 0	40° 0	54° 6	29° 765	29° 829	89	95	95	S 4	SW 2	10	0	29° 060	☼ ⁰ 4p.—4.30p. ☼ p.
18	29° 930	29° 829	48° 5	45° 0	40° 0	54° 6	29° 930	29° 829	90	83	83	SSW 6	SSW 6	10	10	29° 020	☼ before 9a. ☼ mid-day.
19	29° 861	29° 829	48° 5	45° 0	40° 0	54° 6	29° 861	29° 829	90	97	97	S 5	SW 3	10	9	29° 020	☼ ⁰ p.
20	29° 881	29° 829	48° 5	45° 0	40° 0	54° 6	29° 881	29° 829	77	88	88	SW 2	W 2	9	1	29° 030	☼ ⁰ 2 p.
21	29° 062	29° 829	48° 5	45° 0	40° 0	54° 6	29° 062	29° 829	88	95	95	SW 5	SSW 7	10	10	29° 030	☼ ⁰ p. ☼ with squalls p.
22	29° 857	29° 829	48° 5	45° 0	40° 0	54° 6	29° 857	29° 829	88	88	88	WSW 3	Calm 0	6	0	29° 070	☼ ⁰ p.
23	30° 127	29° 829	48° 5	45° 0	40° 0	54° 6	30° 127	29° 829	70	86	86	NW 2	W 2	2	1	29° 020	☼ n and p. ☼ ⁰ 10.30p.—11.30p.
24	29° 145	29° 829	48° 5	45° 0	40° 0	54° 6	29° 145	29° 829	77	86	86	WSW 3	WNW 2	8	8	29° 010	☼ before 9a. ☼ ⁰ 4.30p.—5p.
25	29° 043	29° 829	48° 5	45° 0	40° 0	54° 6	29° 043	29° 829	61	72	72	N 3	NNW 2	3	1	—	☼ showers with ☼ and ☼. Squally p.
26	29° 042	29° 829	48° 5	45° 0	40° 0	54° 6	29° 042	29° 829	67	68	68	N 3	NNE 6	7	0	29° 040	Squally. ☼ ⁰ and parhelion south of the sun 6.45p.—7p.
27	29° 220	29° 829	48° 5	45° 0	40° 0	54° 6	29° 220	29° 829	67	72	72	NE 5	NE 5	2	9	—	☼ ⁰ and parhelion south of the sun 6.45p.—7p.
28	29° 086	29° 829	48° 5	45° 0	40° 0	54° 6	29° 086	29° 829	76	81	81	NE 5	ENE 4	10	10	29° 010	☼ ⁰ and parhelion south of the sun 6.45p.—7p.
29	29° 238	29° 829	48° 5	45° 0	40° 0	54° 6	29° 238	29° 829	67	80	80	NE 4	NE 4	10	0	—	☼ ⁰ and parhelion south of the sun 6.45p.—7p.
30	30° 450	30° 342	45° 3	37° 0	35° 1	22° 1	30° 450	30° 342	67	72	72	NE 4	E 2	1	0	—	☼ at 4 feet, but ☼ on grass after 11p.
Means	29° 878	29° 906	48° 2	45° 8	41° 4	53° 8	29° 878	29° 906	80° 0	83° 9	83° 9	3° 6	3° 3	7° 1	5° 9	1° 870	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

LONDONDERRY.

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

APRIL 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°7	48°7	35°0	53°0	ins.	ins.	68	89	W 2	S 2	3	0	ins.	● at night.
2	233	284	49°0	47°7	41°0	53°8	236	246	68	89	W 3	S 1	10	10	155	
3	219	239	46°9	42°7	38°0	52°5	226	236	87	86	SW 3	S 2	9	4	020	
4	156	148	47°6	42°7	37°4	50°1	244	255	74	92	SW 3	SW 4	7	6	380	in squalls, with ● at night.
5	087	122	45°7	44°2	38°5	48°0	256	257	84	89	WSW 4	SW 2	9	10	485	
6	247	309	48°7	44°5	41°4	53°0	259	257	76	88	W 2	SW 2	4	8	145	
7	29°520	29°861	49°9	44°2	42°4	51°4	275	250	77	86	NNW 3	NE 2	5	2	010	
8	30°135	30°345	46°0	39°7	39°0	50°4	244	228	79	93	NE 2	W 1	9	0	—	Fine all day.
9	476	479	48°7	41°1	32°5	54°5	259	241	76	93	W 1	E 1	1	0	—	Fine all day.
10	388	235	50°7	45°2	34°5	52°5	258	271	70	90	NW 1	N 1	1	0	—	
11	001	30°029	45°2	37°3	36°0	51°0	290	192	97	87	E 1	Calm 0	10	0	010	
12	30°049	29°063	45°9	43°1	34°0	50°5	240	260	78	97	E 2	E 1	3	10	060	
13	29°071	014	45°0	43°2	38°0	48°5	255	251	86	90	NE 1	WSW 1	10	0	020	
14	841	897	43°7	44°7	37°8	50°8	247	255	86	87	NE 1	NE 1	10	7	200	
15	902	792	48°9	41°1	40°5	51°5	254	203	73	79	NE 2	NE 3	7	10	190	
16	513	546	42°5	44°2	33°5	49°5	254	257	94	84	NE 2	S 1	10	10	090	
17	496	638	52°7	45°7	42°5	54°5	325	256	81	84	S 2	S 3	10	2	220	Squally at night.
18	387	473	53°7	48°5	42°0	50°5	362	285	88	83	S 4	S 3	10	2	155	in squalls with ● during day. U
19	517	595	56°7	49°1	46°4	59°0	341	286	73	82	S 3	S 1	8	6	060	
20	711	827	49°9	45°2	41°5	57°4	309	245	87	82	W 2	S 2	10	10	375	U 9p.
21	386	470	52°5	44°2	42°0	52°5	373	257	94	89	SW 4	SW 1	10	10	370	
22	747	29°002	51°6	46°2	40°0	56°0	258	295	68	95	NW 2	WNW 1	5	6	040	
23	994	30°040	51°3	48°7	43°3	56°0	296	296	78	86	WSW 2	W 1	9	10	070	
24	29°023	027	49°0	44°7	43°0	54°5	315	244	91	83	W 3	W 2	10	8	080	
25	30°061	165	48°0	41°6	39°8	52°0	261	233	78	90	W 2	NW 1	7	6	050	
26	265	379	47°1	38°0	35°8	48°0	211	203	66	89	NW 2	NE 1	6	0	—	
27	411	377	46°7	40°8	32°7	50°7	223	225	71	89	NNE 2	NE 1	5	0	—	
28	333	348	52°2	47°5	33°0	57°5	285	301	73	92	SE 1	Calm 0	4	3	—	Fine and clear all day.
29	455	535	49°7	42°5	42°3	56°1	288	246	81	90	SE 1	Calm 0	10	0	—	
30	30°512	30°393	51°7	49°9	33°1	62°7	245	315	64	88	WSW 1	Calm 0	0	10	—	
Means	29°815	29°863	48°9	44°0	38°6	53°1	275	255	79°6	88°3	2°1	1°4	7°1	5°3	3°725	

MARKREE CASTLE, SLIGO.

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

APRIL 1880.

1	29°504	29°516	47°3	45°1	34°1	51°7	236	276	73	92	NW 3	WNW 3	6	10	160	
2	284	296	49°3	49°7	42°4	56°4	277	318	78	89	WSW 2	SW 1	9	10	040	
3	258	264	48°1	41°7	41°4	54°8	271	234	81	89	W 4	WSW 2	10	7	110	
4	170	222	48°4	42°2	35°3	51°9	262	229	78	86	WSW 2	WSW 2	8	3	184	
5	136	162	43°9	40°1	37°3	52°5	231	216	80	87	WSW 3	Calm 0	10	0	222	
6	305	396	47°4	45°1	39°2	51°6	298	248	91	83	N 2	NW 3	8	6	280	▲ during the day.
7	29°558	29°864	47°4	44°9	40°9	51°4	203	225	81	76	NNW 4	N 4	10	3	008	Sharp squalls before ga. ▲ a.
8	30°138	30°328	46°2	40°1	39°1	52°0	233	197	75	79	N 2	Calm 0	7	0	—	
9	459	437	48°3	44°5	28°9	54°9	257	245	76	83	Calm 0	Calm 0	0	3	—	
10	30°356	30°206	48°1	40°3	35°1	54°4	233	227	69	92	Calm 0	Calm 0	0	3	084	
11	29°905	29°960	45°3	40°4	37°9	48°0	274	190	91	76	Calm 0	SE 4	10	2	078	
12	989	921	43°5	44°1	32°3	50°9	237	233	84	80	ESE 2	Calm 0	8	10	040	
13	951	922	44°2	39°1	38°5	49°5	246	223	85	93	Calm 0	Calm 0	10	1	104	
14	805	879	45°0	44°2	37°3	51°1	247	253	83	87	N 1	N 2	10	10	022	
15	864	719	45°4	42°1	41°8	53°8	256	215	85	81	NE 1	NE 2	10	10	200	
16	407	488	43°1	46°4	35°4	50°0	256	257	92	82	Calm 0	ESE 2	10	10	030	
17	492	554	45°2	45°4	44°1	54°4	271	235	90	78	Calm 0	ESE 5	10	5	090	Sharp squalls before ga. — 4p.
18	300	446	53°2	48°1	44°9	56°0	352	271	87	81	SSE 5	SE 4	10	3	235	Sharp squalls a.
19	481	596	49°3	45°6	44°7	58°0	306	276	88	90	S 2	S 1	10	0	037	Sharp squalls p.
20	737	824	50°3	45°7	40°4	57°8	287	254	79	83	SW 1	WSW 2	10	10	423	
21	440	509	52°3	44°6	44°0	53°3	362	243	92	82	SW 5	NW 2	10	10	298	Sharp squalls before ga. U 9p.
22	29°779	29°040	49°9	46°0	38°3	52°7	271	272	76	88	W 2	Calm 0	5	5	—	
23	30°047	30°072	52°2	49°4	43°2	55°4	290	298	74	85	WNW 3	WSW 1	10	10	012	
24	29°975	054	51°5	46°1	44°9	53°2	326	234	86	75	Calm 0	NNW 2	10	6	102	
25	30°092	184	46°9	41°8	41°5	52°1	236	233	74	88	N 2	NNE 1	5	8	—	
26	258	364	45°3	38°3	38°2	52°2	200	194	66	84	NNE 2	NNE 1	9	1	—	
27	394	349	46°4	42°1	27°6	56°8	212	213	68	80	NNE 3	Calm 0	5	0	002	
28	312	317	48°1	49°1	31°2	54°6	246	286	73	82	N 1	Calm 0	9	10	1	
29	414	507	52°3	45°0	42°5	57°8	311	239	79	80	Calm 0	ESE 2	3	8	—	
30	30°496	30°400	50°4	46°9	30°1	56°7	249	269	68	85	Calm 0	Calm 0	10	10	—	
Means	29°816	29°857	47°8	44°1	38°4	53°5	267	243	80°1	83°9	1°7	1°5	8°1	5°8	2°761	

DUBLIN.

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

APRIL 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	46°3	38°0	52°5	in.	in.	218	247	74	79	WNW 5	W 3	1	1	ins.	122	
2	29°003	29°649	44°8	46°3	38°0	52°5	218	247	74	79	WNW 5	W 3	1	1	1	1	with squalls a.	2	
3	306	390	54°3	52°2	45°1	58°5	336	332	79	85	W 5	W 3	8	10	10	10	a. and p. Squally p.	2	
4	369	332	53°2	48°0	47°6	57°4	207	243	73	73	WbyS 4	WbyS 5	7	1	057	057	in squalls from Noon.	2	
5	252	299	47°1	44°2	42°5	53°3	236	226	73	77	W 4	W 6	3	2	065	065	[showers 3.30-5p.	2	
6	246	190	45°5	43°3	41°2	52°3	221	252	73	90	WbyS 5	W 2	2	5	085	085	Squally ga. and p.	2	
7	309	421	45°7	44°2	39°3	54°2	251	226	82	77	WNW 3	WNW 3	4	0	013	013	[from Noon.	2	
8	29°438	29°784	47°3	46°0	41°6	50°0	252	255	78	83	nwbyn4	N 3	10	10	074	074	2 2 2 3p. T 2p.	2	
9	30°067	30°273	47°1	46°4	40°3	51°1	236	259	73	83	NNE 3	NNE 3	4	0	—	—	∞ but fine a. Brilliant p.	2	
10	30°360	30°455	47°4	44°1	42°8	50°3	245	223	76	76	ENE 3	NE 2	7	4	—	—	Brilliant aft. Cool breeze.	2	
11	30°360	30°455	47°4	44°1	42°8	50°3	245	223	76	76	ENE 3	NE 1	8	2	030	030	[searching air	2	
12	29°992	30°003	46°8	43°6	42°0	49°0	254	209	80	74	SE 2	E 2	9	7	—	—	(mist) a. Bright p. with a keen	2	
13	984	900	46°2	43°9	40°0	47°6	225	247	73	86	E by S 4	E 3	3	10	056	056	(mist) ga. Cold wind.	2	
14	954	931	46°8	43°8	41°2	51°5	254	246	80	86	E by S 1	W 1	4	2	—	—	∞ early a. ∞ p.	2	
15	809	822	43°9	43°2	38°0	51°3	244	243	85	87	WNW 1	N 2	1	—	—	—	∞ and p.	2	
16	813	626	46°9	43°9	40°8	48°2	251	266	80	93	ENE 4	ENE 6	10	10	746	746	∞ a. 2 from 2.15p. (gale) p.	2	
17	421	624	44°4	48°3	43°2	52°0	362	259	90	76	SSW 2	SSW 2	7	6	063	063	Very fine p. and milder than of late.	2	
18	565	738	49°6	47°0	46°2	52°8	317	239	90	75	SSE 4	SE 2	10	1	095	095	[U 8.30p	2	
19	589	660	52°3	52°3	46°4	58°5	336	312	85	79	S 6	SSW 5	10	10	010	010	with squalls a. (force 7-8)p.	2	
20	632	690	54°1	51°6	50°1	58°6	314	291	75	76	SSW 3	SSW 3	5	3	010	010	U 2 op.	2	
21	795	932	53°1	47°9	46°7	58°6	285	244	70	74	W by S 4	W 3	4	4	024	024	(moderate gale) all day.	2	
22	635	422	54°2	45°6	45°3	58°2	318	271	75	89	SW 6	WSW 4	9	10	196	196	U 1 op.	2	
23	29°769	29°055	48°1	41°9	55°2	269	275	76	82	Calm 0	Calm 0	SE 1	3	2	—	—	Very cold early a.	2	
24	30°073	30°090	50°9	51°2	42°6	56°4	275	304	74	81	WNW 4	WbyN 4	3	9	010	010	Very cold early a. Dry keen air p.	2	
25	002	047	51°7	46°5	46°2	56°0	334	234	88	75	W 4	WNW 3	10	0	022	022	[and 4.30p. Clear and cold evening.	2	
26	075	133	48°1	45°4	39°0	53°7	225	221	67	73	nwbyn4	NNW 2	5	1	074	074	Very cold early a.	2	
27	218	321	44°7	43°9	37°9	49°5	205	203	69	72	NNE 3	NE 2	2	0	—	—	Very cold early a. Dry keen air p.	2	
28	369	323	47°2	44°9	37°3	51°4	229	234	71	79	NE 2	N 2	6	0	—	—	(mist) a. Brilliant p. Clear and	2	
29	284	300	48°7	40°6	37°8	54°0	255	280	74	80	NNE 3	NE 2	5	8	—	—	Cold n. (mist) a. and p. [cold.	2	
30	434	511	47°4	45°0	44°5	52°2	233	235	72	79	ENE 4	NW 1	9	2	—	—	Bleak a. Bright from 2p.	2	
31	30°514	30°390	48°1	45°9	38°9	54°3	258	234	77	76	Calm 0	SE 1	3	2	—	—	a. ∞ p.	2	
Means	29°844	29°878	48°4	46°4	42°2	53°3	261	252	76°6	79°9	3°4	2°8	6°2	4°2	1°8	3°2			

DUNROBIN CASTLE.

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

MAY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	50°	43°	58°	ins.	ins.	83	86	SW	SW	—	—	ins.	
2	29° 773	29° 857	54°	41°	41°	58°	334	231	80	89	W	E	—	—	—	Windy day, clear and cold.
3	29° 884	30° 086	48°	41°	33°	53°	274	232	81	88	NW	N	—	—	—	Mild a. Cold p.
4	30° 162	30° 151	44°	45°	36°	54°	202	278	69	92	NW	NW	—	—	—	
5	30° 109	30° 146	49°	45°	37°	58°	321	259	90	85	NW	W	—	—	030	
6	30° 138	30° 149	48°	41°	39°	54°	253	200	76	76	N	W	—	—	—	Fine day.
7	30° 149	30° 096	43°	43°	38°	49°	236	243	83	87	NW	NW	—	—	030	Windy p.
8	30° 108	30° 361	46°	40°	40°	53°	254	214	81	86	N	N	—	—	—	
9	30° 321	30° 311	53°	48°	34°	56°	335	314	83	92	W	W	—	—	—	
10	30° 307	30° 303	47°	43°	43°	55°	292	247	90	88	E	E	—	—	080	Cold winds.
11	30° 298	30° 300	46°	46°	41°	56°	283	292	89	93	E	E	—	—	—	
12	30° 335	30° 351	50°	45°	45°	51°	329	292	90	96	NE	N	—	—	—	Fine and clear.
13	30° 382	30° 401	53°	46°	43°	54°	383	294	95	94	E	NE	—	—	—	Fine, clear and warm.
14	30° 404	30° 404	49°	45°	41°	52°	299	281	85	92	E	NE	—	—	—	Cold.
15	30° 428	30° 401	50°	49°	42°	53°	329	306	90	88	E	E	—	—	—	Sunny and warm a.
16	30° 356	30° 351	51°	49°	46°	58°	317	294	83	86	SE	SE	—	—	—	
17	30° 375	30° 396	53°	46°	41°	54°	354	289	87	92	SE	N	—	—	—	
18	30° 310	30° 299	52°	52°	43°	54°	344	349	88	89	NE	W	—	—	050	W p.
19	30° 077	30° 097	56°	54°	43°	56°	398	402	87	95	SW	NW	—	—	—	
20	30° 198	30° 166	57°	55°	50°	61°	381	386	81	88	W	W	—	—	020	Warm and very dry.
21	30° 081	30° 097	53°	51°	50°	60°	376	327	92	85	SW	W	—	—	220	Warm and very dry.
22	30° 532	30° 550	50°	48°	43°	56°	322	292	88	87	W	W	—	—	100	
23	30° 557	30° 562	50°	49°	47°	57°	360	310	97	90	SW	W	—	—	250	
24	30° 288	30° 571	50°	44°	41°	51°	317	254	87	87	W	W	—	—	120	2 showers. Stormy and cold.
25	30° 695	30° 695	50°	49°	38°	58°	295	304	80	87	SW	N	—	—	020	
26	30° 466	30° 638	55°	50°	48°	58°	358	302	81	84	SW	NW	—	—	—	(half a gale) p.
27	30° 747	30° 826	52°	46°	41°	58°	342	316	87	99	W	SE	—	—	100	
28	30° 876	30° 108	53°	44°	41°	58°	311	269	77	92	W	NW	—	—	110	
29	30° 340	30° 231	52°	50°	37°	54°	329	355	83	97	W	NE	—	—	—	
30	30° 064	30° 090	54°	52°	48°	56°	390	362	92	92	SW	N	—	—	070	Windy.
31	30° 120	30° 348	55°	51°	49°	57°	409	352	92	93	SE	NE	—	—	—	
Means	30° 067	30° 083	51°	47°	42°	55°	325	295	85°	89°	—	—	—	—	1° 200	

BRAEMAR.

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

MAY 1880.

1	30° 125	29° 881	45°	42°	36°	59°	293	234	97	88	SW	0°	SW	0°	7	1	—	Fine day.
2	29° 769	29° 884	48°	40°	38°	57°	221	194	65	77	SW	4	W	0°	2	2	—	Fine day.
3	29° 854	30° 039	44°	39°	32°	54°	181	204	63	84	N	0°	E	0°	8	2	—	Fine day.
4	30° 152	30° 142	40°	41°	32°	54°	190	207	76	81	E	2	E	0°	7	0	—	Fine day.
5	30° 140	30° 128	43°	47°	30°	58°	225	264	81	83	E	0°	E	0°	8	6	—	Fine day.
6	30° 121	30° 100	42°	38°	37°	53°	219	109	82	47	N	2	N	2	5	7	—	
7	30° 144	30° 119	38°	39°	35°	50°	165	177	71	75	N	2	NW	0°	8	8	—	
8	30° 152	30° 337	43°	39°	36°	50°	201	182	72	77	NW	2	E	2	7	1	—	
9	30° 344	30° 259	48°	47°	27°	53°	233	250	70	77	NW	2	N	0°	5	8	—	
10	30° 187	30° 258	47°	39°	31°	51°	263	209	81	86	N	4	N	4	8	9	020	
11	30° 242	30° 292	38°	37°	35°	51°	222	201	95	89	N	4	N	2	7	8	020	
12	30° 300	30° 318	43°	43°	33°	50°	197	202	71	72	N	2	E	0°	7	8	—	
13	30° 349	30° 381	47°	42°	32°	51°	227	210	70	78	E	2	S	2	6	2	—	
14	30° 328	30° 377	48°	45°	28°	54°	225	252	66	84	SE	2	NE	2	1	7	—	
15	30° 377	30° 340	44°	43°	31°	55°	250	228	85	80	NE	4	NE	2	9	5	—	
16	30° 340	30° 325	47°	45°	40°	54°	281	252	87	84	N	4	NE	2	2	8	—	
17	30° 307	30° 352	52°	48°	36°	57°	233	251	61	75	NE	6	NE	4	3	2	—	
18	30° 261	30° 201	55°	53°	36°	61°	291	248	68	62	S	2	W	2	2	9	010	
19	30° 009	30° 103	55°	56°	49°	67°	362	309	84	67	SW	6	SW	4	7	2	—	
20	30° 068	30° 168	59°	54°	51°	67°	294	330	59	78	NW	6	W	4	2	7	—	
21	30° 065	30° 835	54°	49°	48°	68°	222	245	53	70	SW	6	SW	4	3	6	030	
22	30° 283	30° 654	51°	54°	43°	60°	243	198	64	47	N	6	SW	4	2	5	080	
23	30° 481	30° 337	46°	46°	42°	54°	286	231	92	74	SW	6	SW	4	6	3	100	
24	30° 369	30° 645	46°	38°	38°	54°	271	200	86	85	SW	2	SW	3	3	4	150	2 showers.
25	30° 752	30° 800	48°	44°	36°	55°	255	222	75	76	SW	4	SW	4	6	8	050	
26	30° 575	30° 695	48°	45°	36°	55°	268	186	77	60	SW	2	SW	6	8	6	—	Fair and dry.
27	30° 752	30° 819	47°	45°	41°	55°	214	221	66	73	SW	1	SW	2	7	7	—	Fair and dry.
28	30° 923	30° 123	48°	41°	36°	53°	201	221	58	86	W	2	NW	2	7	8	050	
29	30° 325	30° 295	47°	48°	39°	57°	220	215	68	62	SE	1	SW	1	5	8	—	Fair and dry.
30	30° 152	30° 083	48°	45°	45°	57°	232	296	69	96	SW	4	S	2	7	9	110	
31	30° 100	30° 313	47°	46°	45°	53°	285	277	87	89	E	3	NE	1	9	8	—	
Means	30° 056	30° 087	47°	44°	37°	55°	241	227	74°	76°	3°	2°	5°	5°	0° 620			

LAUDALE.

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

MAY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	52°	45°	65°	in.	in.	73	69	N	1	SW	3	8	10	ins. °090
2	29° 895	29° 895	47°	44°	45°	56°	272	200	82	68	NW	4	NW	4	7	7	—
3	29° 982	30° 025	44°	45°	34°	56°	207	229	72	77	N	2	N	1	4	3	—
4	30° 157	30° 171	46°	41°	35°	51°	205	221	66	86	Calm	0	Calm	0	0	0	—
5	30° 172	30° 227	47°	46°	38°	55°	268	244	82	79	Calm	0	N	3	10	4	—
6	30° 151	30° 245	48°	42°	40°	55°	243	190	70	72	N	3	N	4	6	0	—
7	30° 198	30° 129	44°	39°	34°	49°	191	181	66	76	N	2	N	1	9	0	—
8	30° 173	30° 303	49°	42°	33°	52°	212	211	61	79	NNW	1	NNW	1	0	0	—
9	30° 398	30° 318	53°	49°	33°	54°	273	309	68	88	NNW	1	NNW	2	3	10	—
10	30° 213	30° 323	52°	47°	45°	57°	283	197	72	61	NE	2	NE	6	2	1	—
11	30° 205	30° 182	50°	49°	41°	57°	208	259	58	74	ENE	6	ENE	3	2	8	—
12	30° 252	30° 280	49°	50°	39°	57°	210	224	59	60	ENE	3	Calm	0	0	3	—
13	30° 332	30° 330	51°	48°	40°	57°	242	243	65	73	Calm	0	Calm	0	7	8	—
14	30° 326	30° 304	53°	53°	38°	59°	253	255	63	63	ENE	1	ENE	1	0	0	—
15	30° 354	30° 312	54°	51°	44°	57°	248	259	58	69	ENE	2	ENE	3	0	0	—
16	30° 279	30° 307	54°	49°	45°	57°	229	259	54	74	NW	2	Calm	0	0	0	—
17	30° 328	30° 303	52°	50°	41°	58°	299	332	77	92	E	1	Calm	0	5	6	—
18	30° 302	30° 290	56°	52°	44°	60°	449	358	99	92	Calm	0	Calm	0	0	10	—
19	30° 175	30° 206	55°	53°	45°	61°	432	403	99	100	E	3	E	2	10	10	—
20	30° 259	30° 260	53°	52°	48°	55°	397	387	99	98	E	2	E	3	10	10	°060
21	30° 161	30° 916	51°	51°	49°	55°	364	374	94	100	W	4	W	2	10	10	°230
22	29° 662	30° 801	51°	49°	48°	55°	292	280	78	80	W	4	W	3	10	9	°510
23	30° 459	30° 437	52°	50°	49°	54°	330	286	83	80	W	4	W	3	10	9	°310
24	30° 430	30° 686	48°	43°	43°	50°	228	253	68	80	W	8	SW	6	4	4	°160
25	30° 767	30° 713	50°	52°	41°	56°	267	310	72	80	SW	5	SW	3	9	10	°620
26	30° 588	30° 767	51°	51°	44°	54°	266	268	71	72	SW	6	SW	9	10	4	°220
27	29° 771	29° 899	52°	51°	45°	54°	294	328	76	93	WSW	2	WSW	2	5	4	°210
28	30° 001	30° 224	45°	46°	42°	52°	255	84	82	NW	3	NW	2	4	2	0	°040
29	30° 370	30° 260	52°	51°	37°	52°	268	320	70	85	W	2	W	3	8	10	°070
30	30° 012	30° 011	51°	52°	47°	52°	331	358	87	92	ESE	4	ESE	2	10	10	°440
31	30° 073	30° 305	55°	52°	49°	60°	352	32	70	ESE	2	ESE	1	7	8	—	—
Means	30° 084	30° 106	50°	48°	42°	55°	279	277	74°	79°	2°	2°	5°	5°	2°	9°	—

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

GLENALMOND.

Height above Mean Sea Level, 529 feet. Long. 3° 40' W. Lat. 56° 27' N.

MAY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	48°	36°	58°	in.	in.	%	%	SW	3	SW	1	2	ins.
2	29° 770	29° 790	50°	48°	36°	58°	205	203	74	79	SW	4	NW	4	5	Beautiful morning. Mild.
3	29° 807	29° 888	50°	40°	39°	59°	245	207	68	84	SW	4	NW	4	5	Fine a. Squally and cold p.
4	29° 880	30° 055	44°	47°	38°	58°	288	208	100	64	E	2	E	2	8	Very mild.
5	30° 152	161	44°	46°	34°	54°	211	244	72	79	SW	2	NE	3	3	Fine day, buds beginning to burst.
6	161	167	48°	45°	34°	58°	228	249	68	82	SE	1	NE	1	7	Fine clear day.
7	152	178	50°	41°	31°	55°	216	222	58	86	WNW	2	NNW	1	3	Fine and mild. Beautiful evening.
8	140	140	41°	42°	34°	46°	178	231	68	87	NW	1	Calm	0	10	Mild p.
9	157	308	44°	45°	34°	56°	158	213	53	71	N	1	Calm	0	2	Mild p.
10	393	328	40°	44°	30°	56°	177	203	70	70	Calm	0	NW	2	9	Fine bright day.
11	196	224	49°	47°	40°	55°	192	253	54	77	N	3	N	3	7	
12	226	261	36°	43°	36°	54°	190	251	89	89	ENE	2	NE	2	10	
13	304	323	44°	48°	36°	53°	221	257	76	77	E	1	NE	1	10	
14	349	377	46°	44°	40°	50°	187	251	59	85	NE	1	E	1	9	
15	356	385	50°	46°	38°	54°	254	284	69	68	Calm	0	Calm	0	9	Bright morning.
16	393	350	48°	45°	38°	53°	231	283	68	85	E	2	NE	2	8	
17	341	389	55°	43°	35°	58°	242	250	72	83	E	1	Calm	0	9	
18	337	276	54°	48°	38°	63°	279	285	65	86	SE	1	Calm	0	4	☉ 9p.
19	002	114	59°	59°	46°	70°	378	331	73	65	SW	1	Calm	0	10	
20	178	30° 236	62°	55°	55°	69°	281	347	50	77	NW	2	SW	1	1	
21	30° 104	29° 893	55°	49°	47°	73°	245	274	57	78	WNW	3	SW	2	4	Very clear a. ☉ p. The first rain for a month except 11.10 on April 28th.
22	29° 559	737	48°	48°	45°	58°	221	226	65	67	W	3	W	3	8	
23	559	429	48°	49°	45°	54°	230	270	68	77	W	3	Calm	0	10	
24	364	709	47°	41°	38°	50°	234	213	73	82	W	5	SSW	2	4	☉ a. Squally p.
25	798	822	47°	50°	39°	55°	252	293	78	82	SSW	4	SW	2	10	
26	603	797	50°	47°	47°	57°	302	243	82	76	SW	5	SW	2	8	
27	775	29° 807	50°	46°	40°	54°	264	246	72	80	SSW	2	SSW	3	10	Very cold p.
28	29° 973	30° 177	51°	45°	34°	54°	236	253	63	85	SW	3	SW	3	7	Clear but cold, warm in sun.
29	30° 351	332	53°	49°	37°	58°	219	248	53	70	SSW	2	SSW	2	6	Mild p.
30	156	035	55°	47°	41°	55°	287	315	67	96	W	1	Calm	0	10	☉ with rising wind a. ☉ 2 p.
31	30° 091	30° 318	48°	47°	45°	53°	324	302	96	93	SW	4	E	1	10	
Means	30° 083	30° 115	49°	46°	39°	57°	242	256	69	79	2°	1°	7°	6°	1°	331

ROTHESAY.

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

MAY 1880.

1	30° 226	29° 929	51°	50°	40°	58°	298	280	78	78	SW	SW	—	—	—	
2	29° 915	29° 933	51°	43°	41°	54°	270	224	72	80	W	NW	—	—	—	
3	29° 874	30° 010	49°	45°	34°	56°	231	256	66	85	NE	E	—	—	—	005
4	30° 157	158	52°	45°	36°	58°	250	236	65	79	NE	NW	—	—	—	
5	172	149	47°	46°	38°	61°	249	303	78	97	NW	NW	—	—	—	
6	134	162	52°	47°	39°	59°	257	218	67	68	NNW	NNW	—	—	—	
7	192	120	48°	45°	38°	55°	201	208	61	70	NE	E	—	—	—	
8	187	295	52°	46°	38°	60°	213	241	55	76	NE	E	—	—	—	Clear and warm.
9	412	323	51°	49°	36°	62°	235	291	62	84	NW	NW	—	—	—	☉
10	197	189	56°	48°	45°	64°	314	290	68	87	NNE	E	—	—	—	010
11	134	191	47°	44°	40°	56°	234	224	72	76	ENE	E	—	—	—	020
12	215	310	47°	45°	40°	57°	241	217	75	73	E	E	—	—	—	
13	339	350	49°	45°	38°	55°	259	235	74	77	NE	ENE	—	—	—	
14	330	334	53°	48°	41°	60°	288	253	72	76	NE	E	—	—	—	Breezy.
15	370	370	48°	48°	42°	57°	267	267	80	80	E	ESE	—	—	—	
16	342	324	49°	47°	41°	59°	275	255	78	79	E	NE	—	—	—	Fine and warm.
17	350	356	56°	54°	41°	64°	310	292	67	70	SE	NE	—	—	—	Fine and warm.
18	364	311	56°	54°	45°	63°	307	315	67	75	SE	NW	—	—	—	Warm.
19	204	206	53°	54°	49°	63°	386	339	94	81	NW	W	—	—	—	
20	251	30° 308	59°	51°	48°	63°	381	360	75	95	NW	WNW	—	—	—	Mild.
21	30° 197	29° 969	53°	51°	48°	60°	321	353	78	94	NW	SW	—	—	—	100
22	29° 643	831	52°	48°	46°	57°	320	281	80	85	NW	NW	—	—	—	120
23	613	492	50°	50°	45°	54°	339	327	94	91	SW	SW	—	—	—	196
24	501	775	49°	45°	42°	53°	254	242	72	79	W	NW	—	—	—	035
25	862	788	48°	51°	44°	58°	265	328	78	87	SW	S	—	—	—	033
26	693	816	49°	49°	46°	58°	287	264	83	75	SW	WSW	—	—	—	Breezy.
27	29° 817	29° 918	54°	47°	43°	60°	303	318	73	99	SW	SW	—	—	—	113
28	30° 060	30° 220	47°	46°	42°	55°	316	247	98	79	NW	NW	—	—	—	010
29	403	338	51°	50°	38°	61°	255	280	67	78	NW	SW	—	—	—	010
30	151	013	50°	49°	46°	50°	339	348	94	100	S	SW	—	—	—	433
31	30° 051	30° 292	55°	51°	47°	56°	402	311	90	83	E	SE	—	—	—	080
Means	30° 108	30° 122	51°	48°	42°	58°	278	253	81	88	—	—	—	—	—	1° 190

MAY 1880.

PINMORE (AYRSHIRE).

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

MAY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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.	%	%						} NOTE.—Observations did not begin till the 6th of May.
2	—	—	—	—	—	—	—	—	—	—						
3	—	—	—	—	—	—	—	—	—	—						
4	—	—	—	—	—	—	—	—	—	—						
5	—	—	—	—	—	—	—	—	—	—						
6	30° 152	30° 124	46° 9	39° 0	—	—	210	183	66	78	NW	NW	—	—		
7	123	116	50° 8	42° 0	30° 5	61° 1	239	221	52	84	NW	NW	—	—		
8	197	335	52° 3	45° 9	28° 5	61° 1	252	293	65	95	NE	NE	—	—		
9	385	353	54° 4	46° 4	43° 4	62° 5	333	275	79	88	N	NE	—	—		
10	166	176	45° 7	45° 9	40° 4	58° 1	280	243	92	79	E	E	—	—		
11	149	132	54° 4	41° 0	41° 0	61° 1	287	213	68	83	E	E	—	—		
12	184	315	51° 3	44° 9	29° 5	64° 3	228	248	61	84	E	E	—	—		
13	285	248	55° 9	48° 9	29° 5	69° 0	249	271	55	78	NE	NE	—	—		
14	276	308	57° 0	44° 9	29° 8	63° 2	285	228	61	77	W	E	—	—		
15	262	321	57° 0	44° 0	29° 5	69° 0	285	226	61	78	E	NW	—	—		
16	277	281	57° 6	49° 8	32° 5	64° 1	276	282	59	79	SW	NW	—	—		
17	357	337	61° 6	45° 9	40° 4	66° 5	318	266	58	87	S	N	—	—		
18	402	274	55° 2	49° 8	45° 9	64° 1	261	205	60	58	N	N	—	—		
19	214	217	57° 1	51° 0	44° 3	59° 5	416	338	88	90	NW	N	—	—		
20	245	30° 354	51° 8	50° 8	45° 3	58° 5	369	328	95	88	SW	SW	—	—	° 30	
21	30° 219	29° 967	50° 6	50° 8	45° 3	55° 1	348	340	95	91	NW	N	—	—	° 110	
22	29° 732	904	50° 8	47° 4	45° 3	56° 1	315	286	85	88	SW	W	—	—	° 230	
23	653	544	49° 8	49° 8	40° 4	60° 1	327	335	91	93	NW	W	—	—	° 710	
24	526	830	49° 8	46° 4	46° 4	59° 1	267	250	75	80	SW	SW	—	—		
25	880	827	52° 0	48° 8	42° 4	59° 1	268	293	70	85	SW	SW	—	—	° 020	
26	764	809	52° 7	45° 9	42° 4	55° 1	272	243	69	79	W	NW	—	—		
27	29° 810	29° 945	44° 9	49° 8	42° 4	55° 1	267	241	90	68	W	NW	—	—	° 010	
28	30° 124	30° 237	49° 8	45° 9	42° 4	61° 1	290	221	82	72	NW	NW	—	—	° 010	
29	407	343	51° 8	46° 9	42° 4	55° 1	281	269	73	85	NW	NW	—	—		
30	° 168	° 023	51° 0	49° 3	45° 3	52° 1	313	339	84	97	S	S	—	—	° 350	
31	30° 059	30° 236	54° 8	46° 1	46° 1	58° 1	339	279	79	90	S	S	—	—		
Means	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

DURHAM.

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

MAY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	10 a.m.	10 p.m.	10 a.m.	10 p.m.	Min.	Max.	10 a.m.	10 p.m.	10 a.m.	10 p.m.	10 a.m.	10 p.m.	10 a.m.	10 p.m.		
1	ins.	ins.	57.8	40.0	32.6	65.8	ins.	ins.	0.0	0.0	SE 0.5	SW 0.7	0	0	ins.	
2	30.174	29.993	57.8	40.0	32.6	65.8	30.0	20.3	0.0	0.0	S 0.3	NE 0.5	0	0		
3	29.867	29.844	59.7	45.3	35.7	68.0	33.8	26.5	66	88	ENE 0.8	NE 1.4	10	10		
4	29.806	29.957	45.3	43.2	39.4	47.8	26.5	25.5	88	91	N 1.8	NE 0.5	10	10		
5	30.067	30.139	46.7	40.0	39.0	49.6	28.6	22.8	90	93	NE 0.8	SW 0.5	10	10		
6	106	129	50.8	37.2	36.6	53.2	25.4	20.4	68	92	SSE 0.3	Calm 0	10	0		
7	057	162	51.9	33.0	31.3	56.1	26.9	16.9	71	90	NNE 0.5	NNW 0.7	10	10		
8	146	120	45.4	39.3	32.5	48.0	19.7	20.2	65	84	N 0.5	NW 0.3	10	10		
9	131	316	51.4	36.0	28.4	53.8	22.8	18.9	60	89	NNE 0.5	NNW 0.7	10	10		
10	367	295	49.0	42.3	31.9	51.1	23.5	25.5	67	95	NNE 0.3	SSW 0.2	7	10		
11	095	108	46.8	42.8	41.5	47.9	30.8	27.3	96	99	N 0.9	NE 2.0	10	10		
12	094	161	48.4	42.3	41.2	50.5	24.8	24.9	73	92	ENE 2.3	ENE 0.9	9	4		
13	247	254	47.9	43.9	40.6	51.0	25.3	28.0	76	98	ENE 0.8	Calm 0	10	10		
14	297	309	50.0	44.9	39.4	54.0	27.6	27.5	77	92	NE 0.8	ENE 0.5	9	10		
15	291	314	53.4	46.1	43.0	56.9	32.7	30.3	80	97	NE 0.8	NE 0.7	8	10		
16	328	315	50.8	43.2	42.3	52.1	30.4	27.5	82	98	NE 2.0	NE 0.8	9	10		
17	322	340	45.8	34.7	33.2	52.0	26.7	18.0	87	89	NE 1.8	N 0.4	10	0		
18	324	365	55.3	38.6	30.9	59.1	27.6	22.6	64	92	NE 0.2	N 0.5	0	0		
19	327	273	50.3	42.1	35.7	58.6	30.6	24.6	68	92	NE 0.3	SSE 0.9	8	4		
20	084	101	58.9	52.9	41.6	68.8	40.1	34.6	81	86	NW 2.4	NW 1.4	10	0		
21	208	30.239	57.3	46.4	44.5	66.6	39.9	28.4	85	91	ENE 0.8	SSE 0.8	10	5		
22	30.131	29.887	57.3	51.8	44.2	68.0	42.1	33.8	89	87	NW 2.0	SW 1.8	9	10		
23	29.593	790	55.9	46.0	45.2	66.0	39.8	25.2	80	82	W 3.7	WNW 2.3	8	6		
24	078	512	53.7	51.7	44.0	57.8	34.6	35.7	84	93	SW 1.3	SW 3.4	10	10		
25	548	851	55.3	44.1	42.6	59.2	24.5	27.8	56	96	W 6.2	SW 0.5	3	4		
26	922	807	57.0	52.0	39.6	62.5	26.3	32.5	57	84	W 0.8	S 2.0	8	10		
27	767	833	61.2	52.3	44.5	65.2	34.2	25.2	63	65	SW 5.4	SW 0.9	4	10		
28	29.796	29.960	46.2	42.3	40.1	53.3	29.0	21.8	93	82	N 1.8	SW 0.7	10	0		
29	30.085	30.241	50.3	43.0	40.1	58.1	26.0	23.4	72	84	WNW 0.8	W 0.8	7	0		
30	400	354	55.0	38.8	37.2	60.0	27.6	21.5	64	92	NW 0.5	SSW 0.4	9	0		
31	241	142	59.3	48.3	36.0	65.1	32.9	29.6	66	88	S 2.8	S 2.3	4	10		
Means	30.086	30.109	52.6	43.5	38.6	57.4	29.7	25.6	75.0	89.8	1.5	0.9	7.2	5.9	1.499	

DOUGLAS, ISLE OF MAN.

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

MAY 1880.

	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 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°262	29°960	52°0	41°9	36°1	53°8	27°7	26°1	72	99	SW 2	Calm 0	1	3	—	☼ ⁰ (mist) ga. \searrow <i>op.</i>
2	29°910	°899	53°2	44°5	41°7	57°5	31°1	23°5	77	80	NNW 4	NNW 4	6	4	—	☼ ⁰ (mist) ga. \searrow <i>a.</i>
3	29°818	29°916	48°5	44°8	42°8	52°5	21°4	25°2	62	85	NNE 3	NE 4	6	3	—	
4	30°066	30°125	51°7	45°2	39°4	53°7	26°0	27°3	68	91	NE 4	NNW 2	6	3	—	
5	°156	°119	50°7	49°0	42°0	55°7	27°5	29°8	75	86	NNW 2	N 3	6	7	—	
6	°117	°130	52°0	45°3	44°0	54°8	25°2	25°0	66	83	NNW 5	W 2	6	1	—	
7	°159	°106	48°6	41°2	41°2	53°5	25°2	22°3	73	87	W 2	Calm 0	7	0	—	☼ ⁰ <i>op.</i>
8	°142	°273	48°3	45°0	33°0	54°3	25°3	20°0	75	67	E 3	NW 1	2	0	—	☼ ⁰ (mist) ga.
9	°394	°320	49°4	47°7	37°0	53°0	22°2	27°4	63	83	E 2	W 1	6	7	—	☼ ⁰ (mist) ga.
10	°149	°100	50°0	48°0	46°4	55°3	29°5	25°9	82	78	N 1	NE 4	10	6	—	☼ ⁰ (mist) ga.
11	°043	°069	48°8	47°2	43°2	54°2	25°7	25°1	74	78	NE 5	ENE 4	6	9	—	☼ ⁰ (mist) ga.
12	°179	°235	48°5	48°3	45°1	53°8	23°5	25°7	69	76	E 5	E 3	6	9	—	☼ ⁰ (mist) ga.
13	°271	°289	48°6	45°7	44°7	56°6	24	26	88	72	E 5	E 2	6	2	—	☼ ⁰ (mist) ga.
14	°249	°229	51°7	53°6	43°8	61°7	26.4	33.3	69	80	E 3	ENE 2	1	3	—	☼ ⁰ (mist) ga.
15	°256	°262	54°8	46°9	46°4	59°7	32.7	28.8	76	91	NE 3	NE 2	4	8	—	☼ ⁰ (mist) ga.
16	°265	°279	51°5	49°9	44°8	57°0	29.8	29.4	78	83	E 5	ENE 1	1	2	—	☼ ⁰ (mist) ga. \searrow (force 6) during [the day].
17	°349	°339	49°9	50°0	42°7	58°5	25.9	28.6	72	80	E 3	NE 1	0	1	—	
18	°374	°293	53°5	50°2	46°7	58°6	27.9	26.3	68	73	S 1	WNW 1	9	2	—	
19	°234	°164	55°0	52°6	49°5	64°3	34.4	30.4	80	92	WNW 1	NNW 7	10	3	—	\searrow <i>p.</i>
20	°265	°315	55°0	51°6	51°6	60°7	35.9	36.1	83	95	NNW 6	WNW 1	10	4	—	\searrow <i>a.</i>
21	30°266	30°000	53°0	52°3	47°5	59°6	33.7	33.1	84	84	NW 3	SW 3	9	9	—	
22	29°745	29°866	53°2	48°2	48°2	58°5	32.8	27.4	81	82	W 5	WNW 4	8	4	°090	
23	°740	°589	49°7	51°0	45°9	52°4	34.9	36.6	98	98	SW 5	WSW 5-6	10	10	°470	● at intervals all day. \searrow
24	°681	°874	52°3	47°5	47°5	55°3	26.7	25.0	68	77	W 6	W 2	7	3	—	
25	°944	°877	53°4	50°7	45°3	55°0	31.7	37.0	78	100	SW 3	S 4	7	10	°007	
26	°794	°845	51°0	49°2	45°2	55°0	36.1	32.9	97	95	SW 4	Calm 0	10	10	°065	
27	29°817	29°986	51°7	45°0	44°2	57°7	28.7	25.3	75	85	NW 2	WNW 2	10	3	—	
28	30°142	30°338	49°8	45°0	40°7	54°6	27.1	25.5	76	86	W 4-5	WNW 2	7	2	°045	
29	°447	°397	53°8	47°7	42°9	56°3	30.6	30.9	74	94	W 2	Calm 0	6	4	—	
30	°230	°074	52°0	49°0	47°4	52°7	33.8	34.5	87	99	S 5	SSW 4	10	10	°150	
31	30°022	30°196	51°2	50°0	48°9	52°2	37.1	32.2	99	90	E 2	E 4	10	10	°030	☼ ⁰ <i>ga.</i>
Means	30°112	30°111	51°4	47°9	44°1	56°1	29.1	28.7	76°5	86°0	3°4	2°4	6°5	4°9	0°857	

MAY 1880.

WAKEFIELD.

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

MAY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	52.0	42.2	31.2	63.6	ins.	ins.	0.0	0.0	SW 1	WSW 2	4	2	ins.	
2	30.248	30.016	52.0	42.2	31.2	63.6	22.8	24.3	59	90	E 2	SE 2	0	6		
3	29.920	29.869	46.3	46.2	31.4	60.0	26.1	28.3	84	91	ENE 1	ENE 4	10	7		
4	29.779	29.873	42.4	45.9	39.3	52.9	26.3	25.3	97	83	NNE 1	NNE 3	10	10		
5	30.048	30.108	47.0	45.2	43.9	51.2	27.5	27.3	86	91	NNE 3	NNE 2	10	10		
6	126	189	45.8	44.4	42.1	53.0	24.1	22.8	79	78	N 2	N 2	10	8		
7	114	088	52.2	43.7	33.5	58.9	24.4	25.6	63	89	E 2	ENE 1	7	9		
8	185	134	45.4	44.8	31.2	50.7	19.9	23.6	66	79	N 2	N 2	10	5		
9	151	335	48.7	46.4	38.2	56.1	20.8	18.8	61	60	N 2	NE 2	3	4		
10	381	295	46.8	45.8	34.4	52.7	23.1	25.4	73	83	N 2	N 2	6	0		
11	140	081	47.3	45.2	36.2	52.0	20.9	27.7	90	93	SW 1	NE 1	10	10		
12	043	099	47.2	47.0	42.3	52.0	23.3	27.3	73	85	ENE 4	ENE 3	8	10		
13	195	234	48.5	45.4	42.5	53.6	22.7	25.0	67	83	ENE 2	NE 2	7	8		
14	286	288	48.4	48.4	38.0	59.1	23.9	23.9	71	71	ENE 2	ESE 4	8	6		
15	300	277	47.5	50.2	43.4	60.7	27.9	30.9	87	86	NE 3	N 4	10	10		

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

LLANDUDNO.

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

MAY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	54.1	36.4	56.4	ins.	ins.	55	78	E	0.6	0	0	ins.	Very fine.
2	29.905	29.906	51.3	47.0	41.4	54.9	2.66	2.81	71	88	SE	0.6	N	1	0	Very fine.
3	29.799	29.871	48.3	46.7	44.3	50.5	2.61	2.76	77	87	NE	1	N	5	10	7
4	30.051	30.114	48.8	49.2	42.6	53.6	2.76	2.96	80	85	E	3	N	1	6	9
5	159	119	51.8	48.0	44.8	54.4	3.23	2.95	83	89	NE	0.6	NW	1	6	0
6	136	106	51.6	49.4	42.8	53.4	3.35	3.17	88	90	NW	1	N	3	7	1
7	161	107	51.8	45.0	40.8	54.0	2.56	2.54	67	85	E	0.6	SE	0.6	9	0
8	111	257	51.0	40.0	38.5	54.0	2.75	2.83	74	82	SE	1	NE	5	0	0
9	387	310	49.5	48.1	39.4	52.0	2.31	2.83	65	84	E	2	N	1	0	9
10	151	053	50.0	49.2	46.5	52.5	3.11	2.95	87	85	SE	0.6	N	5	10	10
11	001	016	46.0	49.5	44.6	53.5	2.64	2.90	86	82	E	3	E	7	10	10
12	136	207	49.0	48.4	45.8	54.9	2.75	2.61	79	77	E	7	E	7	0	0
13	239	236	49.5	52.0	39.8	56.0	2.60	2.96	74	76	E	3	E	3	0	0
14	221	187	51.8	55.5	41.5	62.0	2.80	3.85	75	88	E	3	E	3	0	1
15	213	211	55.8	51.9	49.4	58.0	3.65	3.15	82	82	E	2	E	5	0	0
16	236	256	50.7	51.8	43.0	57.0	2.75	2.72	75	71	E	3	E	4	0	0
17	307	317	50.4	49.7	40.8	54.1	2.71	3.09	75	87	E	3	E	1	0	0
18	381	309	52.8	53.0	42.0	57.8	2.99	2.99	75	74	E	1	SE	0.6	0	5
19	265	214	50.0	50.0	48.0	62.8	3.45	3.89	77	87	SW	0.6	W	1	10	0
20	296	324	53.0	55.6	51.0	61.6	3.66	3.96	91	89	W	1	W	0.6	10	0
21	30.260	30.050	50.4	53.6	50.0	58.0	3.58	3.66	79	89	W	2	W	0.6	5	10
22	29.809	29.904	54.9	51.5	50.5	60.0	3.66	3.42	86	90	W	4	NW	1	9	10
23	814	668	53.6	52.0	49.2	54.8	3.82	3.79	93	98	W	3	W	7	10	10
24	728	914	55.3	51.0	50.7	59.3	3.66	3.28	84	87	W	3	W	3	10	2
25	992	923	54.0	54.0	48.6	57.0	3.01	3.61	72	86	SW	3	SW	1	10	10
26	851	29.863	57.0	54.0	50.8	60.2	3.69	3.88	79	93	SW	3	W	1	9	10
27	29.825	30.020	48.5	49.0	47.0	54.4	3.31	3.24	98	94	N	0.6	W	1	10	6
28	30.180	377	54.2	49.0	47.0	57.2	2.96	2.75	70	79	W	1	W	2	1	0
29	476	436	54.8	48.5	45.7	57.7	3.08	2.80	72	83	NW	1	NE	1	0	0
30	263	106	54.6	49.4	43.5	56.5	2.88	2.71	68	77	SW	0.6	SW	5	10	10
31	30.036	30.174	49.5	49.5	48.5	52.6	3.36	2.93	96	83	SW	0.6	SE	3	10	3
Means	30.117	30.114	52.2	50.4	45.0	56.2	3.06	3.11	78.5	84.7	1.9	2.6	5.2	4.0	1.780	

BUXTON.

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

MAY 1880.

1	48.3	40.9	29.1	61.3	287	215	85	84	NE	1	E	1	0	0	—	
2	49.2	47.2	38.4	61.3	275	200	79	91	NE	1	NE	1	0	3	—	
3	43.0	39.9	29.8	57.0	266	246	96	100	NE	1	NE	4	10	10	—	p.
4	43.3	46.0	28.4	58.4	214	308	77	99	NE	1	NE	1	10	10	—	
5	45.1	45.0	33.1	57.6	203	297	88	99	NE	2	NE	1	5	3	—	
6	55.0	39.9	32.0	56.6	373	246	86	100	NE	1	NE	2	2	10	—	
7	41.2	38.3	29.3	58.6	235	191	92	83	NE	1	NW	1	6	3	—	
8	46.6	44.1	32.7	55.3	243	253	77	87	NW	1	NE	2	1	10	—	
9	47.2	45.1	28.3	56.3	277	301	86	100	NW	1	W	1	3	10	—	
10	47.5	47.0	39.2	50.3	299	277	92	87	W	1	ENE	1	10	10	—	170
11	43.0	42.5	38.0	48.5	232	272	83	100	W	2	W	1	8	10	—	
12	41.7	43.0	37.3	48.3	211	275	81	99	E	1	NE	1	1	3	—	
13	45.6	42.5	37.2	57.3	231	261	76	96	NE	2	E	1	4	10	—	
14	49.0	46.2	39.3	59.2	348	313	100	100	E	1	E	1	4	3	—	
15	47.7	44.0	41.0	57.0	313	285	95	77	ENE	3	E	2	4	10	—	
16	44.0	40.0	36.0	58.0	266	286	92	92	NE	2	E	2	8	0	—	
17	47.0	47.1	29.9	60.0	283	304	78	94	E	2	ENE	1	4	10	—	
18	54.2	44.9	37.2	59.9	371	298	89	100	E	1	E	1	2	0	—	
19	50.1	52.3	36.1	60.3	357	319	98	81	W	1	SE	1	10	4	0.20	
20	49.0	46.2	42.3	60.1	286	255	83	83	E	1	W	1	6	4	—	
21	51.1	49.0	42.8	55.7	306	335	81	97	NW	1	NW	2	7	7	—	
22	52.3	43.2	35.2	50.9	247	268	64	96	NW	3	NW	2	8	6	3.20	
23	46.1	45.6	39.2	56.6	312	247	100	81	NW	4	NW	5	10	10	2.70	
24	45.1	42.9	42.0	56.5	244	267	82	97	NW	2	NW	1	10	10	—	a. and p.
25	51.2	48.4	40.1	59.3	342	295	91	87	NW	1	NW	1	10	10	2.30	
26	47.6	48.3	44.3	61.0	228	292	69	87	NW	1	W	2	10	7	1.640	
27	49.8	49.3	37.2	56.2	311	349	87	99	W	1	W	1	10	8	—	
28	48.1	45.3	39.9	60.1	242	231	72	77	W	1	WNW	1	4	9	4.30	
29	48.3	49.5	36.3	60.9	273	318	81	91	NW	2	NW	1	8	7	—	
30	46.6	45.0	33.2	61.5	316	250	99	84	NW	2	WNW	2	6	10	3.10	
31	43.5	49.5	35.9	60.0	247	321	87	91	NW	1	NW	2	10	0	2.80	
Means	47.3	45.1	36.2	57.1	279	276	85.2	91.6	1.5	1.5	6.2	6.7	3.670			

Observations not reliable.

a. and p.

HILLINGTON, NORFOLK.

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

MAY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	53.1	43.8	28.9	62.7	ins.	ins.	63	86	E	1	SE	1	2	0	[oned by frost. Very fine.	
2	30.272	30.056	53.1	43.8	28.9	62.7	2.52	2.46	63	86	E	1	SE	1	2	0	— before 9a. — 9a. Potatoes black.	
3	29.935	29.858	52.7	40.9	36.2	62.6	2.96	2.47	75	97	SE	1	ESE	2	8	1	— 9a. and 9p.	
4	757	803	45.8	46.2	40.2	50.7	2.85	2.85	93	92	NE	2	NE	4	10	10	— all day.	
5	29.936	29.992	46.6	44.9	43.5	54.6	2.89	2.94	92	99	NE	3	N	2	10	10	— 2 from 6p.	
6	30.038	30.017	44.9	43.8	42.9	50.6	2.72	2.74	92	96	N	3	NE	2	10	10	—	
7	069	099	51.5	43.7	43.1	57.4	2.81	2.47	75	86	NE	4	NE	3	5	10	— Much cirrus 10a.—4p.	
8	133	118	49.6	41.8	36.6	52.1	2.44	2.08	69	70	NE	3	NE	1	7	10	— Cold wind.	
9	137	234	49.4	41.0	36.1	55.6	2.28	2.12	62	83	NNE	2	NE	1	5	6	—	
10	324	276	48.4	37.0	37.0	54.3	2.35	2.04	70	93	NE	4	NE	0.5	9	1	— 9p.	
11	30.145	036	44.8	36.7	36.7	58.5	2.54	2.93	85	99	NW	1	SE	0.5	10	10	— 9p.	
12	29.987	040	49.5	44.9	43.6	55.7	2.88	2.74	82	92	SE	2	E	2	9	10	— 11.30a. Much cir. 6p.—7p.	
13	30.113	167	52.2	43.6	42.0	56.6	2.85	2.50	73	88	E	4	E	2	5	3	— 9p.	
14	214	235	54.9	45.1	42.2	58.5	3.22	2.69	75	90	NE	4	ENE	1	7	8	—	
15	188	165	54.4	47.8	44.1	62.5	4.18	3.17	98	95	NE	4	NE	2	10	10	— (mist) 9p. [D 9p.	
16	158	194	59.8	45.7	45.4	61.4	3.84	2.86	75	94	NE	4	NE	3	4	8	— Damp 9p. early a. Very fine day.	
17	238	238	53.3	44.0	42.3	57.1	2.94	2.21	73	76	NE	5	NE	4	5	8	— D. a. Very fine day, and very dry.	
18	289	294	49.0	43.1	41.6	55.8	2.38	2.47	68	80	NE	4	NE	1	9	8	— [Cir. p.	
19	302	300	51.5	39.9	39.8	55.7	2.38	2.02	63	83	NE	5	NE	0.5	7	3	— [D 9p.	
20	242	103	49.2	50.9	30.9	53.6	2.37	3.65	68	98	SW	1	NE	1	9	10	— [D 9p. 2 showers. Wind NE 6p.	
21	064	099	58.8	44.5	44.5	65.7	2.03	2.77	82	95	NE	9	NE	0.5	9	8	— Wind freshening 11a. D 9p.	
22	30.173	30.071	62.0	54.9	41.3	71.1	3.77	3.40	68	80	NW	2	SW	2	8	10	— D late p.	
23	29.770	29.784	58.1	53.4	48.2	60.4	3.12	3.11	65	76	WNW	2	NW	3	10	10	— before 9a. Wind freshening 10a.	
24	864	770	55.8	53.9	44.7	59.5	3.27	3.06	71	74	WSW	4	SW	5	10	10	— 9p.	
25	29.736	29.950	58.8	54.8	49.4	61.8	3.30	3.08	67	72	W	9	SW	2	10	10	— 9p.	
26	30.029	30.029	58.2	52.7	47.7	64.2	3.66	3.62	76	91	SW	2	SW	1	10	3	— D a. and p.	
27	29.946	29.868	63.0	58.4	44.0	74.7	3.35	4.61	59	95	SW	2	WSW	0.5	10	220	— D 9p. K 9.30p. and 11.45p.	
28	29.635	29.993	66.0	48.2	47.8	67.6	4.61	3.28	73	88	WNW	1	NW	0.5	10	120	— Distant continuous T. 9p. 3.45a.	
29	30.122	30.324	55.1	43.8	38.4	58.5	3.27	2.41	74	84	WNW	1	NW	1	5	0	— 9p. early a. T 10a. and Noon. [K 1p. D 9p.	
30	439	439	54.0	47.7	37.2	62.2	2.85	2.67	68	81	NW	3	NNE	1	4	10	—	
31	30.358	224	59.8	49.4	37.3	65.8	3.23	2.63	63	96	SW	1	S	2	5	10	— D before 9a.	
32	30.170	30.163	53.2	45.2	43.2	61.7	3.18	2.89	78	96	NE	0.5	NE	3	10	5	108	— 2 11.40a.—0.20p. Much cirrus p.
Means	30.092	30.101	53.6	46.5	41.2	59.7	3.06	2.79	74.1	87.7	3.0	1.8	7.8	7.5	1.619	— [D 9p.		

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

OScott.

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

MAY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	49.3	51.7	35.1	63.0	in.	in.	75	85	WNW 2	S 2	0-1	4	0	ins.
2	30.259	30.016	49.3	51.7	35.1	63.0	.216	.226	62	59	WNW 2	S 2	0-1	4	0	☁ a. and p. ☁ 3p.
3	30.013	29.857	49.4	47.0	37.8	61.6	.264	.273	75	85	NE 1	N 2	4	1	1	☁ a. ☁ a. Day fine.
4	30.779	29.822	42.0	46.1	41.3	56.0	.256	.266	96	86	NNE 2	NNE 5	10	10	1	☁ a. ☁ in South 5.45p.
5	30.003	30.082	46.0	45.1	42.2	54.0	.244	.274	70	92	NNE 4	NNE 3	9	10	1	☁ a. ☁ in South 5.45p.
6	.004	.006	45.0	43.2	42.2	55.2	.235	.234	79	84	NNE 3	NE 1	8	1	1	☁ a. ☁ in South 5.45p.
7	.098	.102	48.8	44.0	36.1	59.1	.245	.238	70	82	NE 3	NNE 5-7	2	4	1	☁ a. ☁ in South 5.45p.
8	.169	.112	45.0	44.8	35.6	52.4	.199	.214	67	72	NNE 2	E 0-1	5	1	1	☁ a. ☁ in South 5.45p.
9	.123	.256	48.0	44.6	37.2	56.2	.204	.220	62	75	ENE 2	N 2	7	0	1	☁ a. ☁ in South 5.45p.
10	.353	.300	44.7	42.1	34.1	50.1	.205	.213	70	80	NE 3	NE 0-1	9	1	1	☁ a. ☁ in South 5.45p.
11	30.159	.032	45.1	45.8	37.0	49.9	.252	.291	84	95	WNW 0-1	Calm	0	10	1	☁ a. ☁ in South 5.45p.
12	30.067	.004	45.2	44.2	42.3	53.2	.273	.250	91	86	ENE 3	NNE 3	10	10	1	☁ a. ☁ in South 5.45p.
13	30.098	.173	48.3	42.6	42.3	55.2	.263	.225	78	83	ENE 5	NNE 3	9	0	1	☁ a. ☁ in South 5.45p.
14	.223	.240	47.9	45.5	38.2	59.4	.264	.257	80	85	NNE 4	NE 4	6	9	1	☁ a. ☁ in South 5.45p.
15	.202	.179	48.0	52.2	41.2	62.9	.292	.358	88	92	NE 5	NNE 4	10	3	1	☁ a. ☁ in South 5.45p.
16	.173	.205	56.7	46.8	46.5	60.1	.241	.275	74	86	NE 6	NNE 6	2	10	1	☁ a. ☁ in South 5.45p.
17	.220	.238	48.8	44.0	43.2	60.2	.249	.215	72	74	NE 4-5	NE 3	9	0	1	☁ a. ☁ in South 5.45p.
18	.290	.310	48.0	44.6	38.1	58.1	.226	.220	68	75	ENE 4	NE 2-3	6	0	1	☁ a. ☁ in South 5.45p.
19	.341	.302	47.8	48.2	35.9	59.5	.212	.247	64	74	NNE 3-5	ENE 0-1	2	9	1	☁ a. ☁ in South 5.45p.
20	.244	.150	51.0	54.2	39.2	64.1	.257	.355	69	84	WSW 2	NNW 2	10	9	1	☁ a. ☁ in South 5.45p.
21	.209	.307	59.0	53.6	48.2	62.5	.332	.369	67	90	NW 3-4	NW 2	1	1	1	☁ a. ☁ in South 5.45p.
22	30.233	30.089	59.0	54.0	49.5	67.5	.357	.337	72	81	WNW 2	NW 0-1	9	10	1	☁ a. ☁ in South 5.45p.
23	29.801	29.882	55.9	48.0	48.0	60.1	.300	.263	67	79	W 5	NW 2	9	0	1	☁ a. ☁ in South 5.45p.
24	.887	.781	53.0	52.0	44.7	58.3	.320	.289	79	75	SW 4	SW 5-6	10	10	1	☁ a. ☁ in South 5.45p.
25	29.744	.969	53.9	50.0	49.7	59.1	.387	.286	93	80	SW 5	SW 2-3	10	2	1	☁ a. ☁ in South 5.45p.
26	30.030	.978	51.0	58.2	47.2	64.2	.351	.396	94	81	SSW 1-2	SSW 1-2	10	6	1	☁ a. ☁ in South 5.45p.
27	30.916	29.875	56.9	58.1	48.5	69.2	.321	.400	70	88	SW 2	NW 1	10	10	1	☁ a. ☁ in South 5.45p.
28	29.729	30.029	50.0	44.7	44.7	59.1	.345	.266	96	90	NW 2	SE 0-1	10	2	1	☁ a. ☁ in South 5.45p.
29	30.172	.370	54.1	44.0	39.2	57.2	.270	.240	65	83	W 3	WSW 2-3	7	0	1	☁ a. ☁ in South 5.45p.
30	.471	.436	51.8	52.1	38.2	61.1	.242	.251	64	66	WNW 3	WNW 0-1	6	8	1	☁ a. ☁ in South 5.45p.
31	.323	.210	56.4	49.0	41.3	64.1	.266	.272	58	78	SSW 3	SW-WSW 3	9	10	1	☁ a. ☁ in South 5.45p.
31	30.128	30.161	46.0	46.6	45.2	50.1	.292	.301	94	95	SSE 2	NE 2	10	10	1	☁ a. ☁ in South 5.45p.
Means	30.108	30.116	50.1	48.0	41.6	58.8	.274	.275	75.7	81.5	3.1	2.3	7.5	5.1	1.780	

CHURCHSTOKE.

Height above Mean Sea Level, 548 feet. Long. 3° 5' W. Lat. 52° 31' N.

MAY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	30.280	30.051	47.3	41.9	30.0	62.9	229	211	71	80	Calm	0	1	0	1	☁ a. and p. ☁ 3p.
2	30.924	29.921	48.9	47.5	33.0	61.2	208	261	61	82	Calm	0	1	10	1	☁ a. and p. ☁ 3p.
3	30.785	29.859	46.0	46.8	40.6	51.9	222	279	72	88	NNW 1	Calm	0	9	10	☁ a. and p. ☁ 3p.
4	30.058	30.134	44.5	46.5	38.3	57.1	236	256	80	82	NNE 3	N 2	9	7	1	☁ a. and p. ☁ 3p.
5	30.117	30.153	50.7	44.1	41.0	58.1	236	225	65	78	N 3	NE 2	6	4	1	☁ a. and p. ☁ 3p.
6	30.125	30.139	48.9	45.2	31.0	58.1	236	218	69	73	NE 2	NE 2	4	3	1	☁ a. and p. ☁ 3p.
7	30.176	30.129	47.1	48.2	31.5	56.3	235	262	73	78	NE 2	NE 3	3	8	1	☁ a. and p. ☁ 3p.
8	30.132	30.273	44.8	45.6	39.6	57.1	220	190	74	63	WNW 1	ESE 1	4	5	1	☁ a. and p. ☁ 3p.
9	30.393	30.325	46.5	47.1	32.5	52.8	199	302	64	93	NE 4	NE 2	5	9	1	☁ a. and p. ☁ 3p.
10	30.186	30.054	46.9	45.8	30.0	51.0	231	272	73	89	N 2	NE 1	10	10	1	☁ a. and p. ☁ 3p.
11	30.085	30.202	43.8	44.1	41.6	50.1	248	238	87	82	ENE 2	SE 0.5	10	7	1	☁ a. and p. ☁ 3p.
12	30.111	30.020	48.0	42.8	42.1	52.9	238	204	71	74	ENE 3	NE 0.5	6	2	1	☁ a. and p. ☁ 3p.
13	30.241	30.241	46.8	45.7	38.3	59.4	240	246	76	81	E 2	E 2	8	0	1	☁ a. and p. ☁ 3p.
14	30.227	30.198	47.1	54.2	36.7	59.9	264	343	82	81	ESE 1	ESE 2	10	8	1	☁ a. and p. ☁ 3p.
15	30.195	30.221	58.0	50.9	48.0	61.9	355	294	74	80	E 3	E 1	7	10	1	☁ a. and p. ☁ 3p.
16	30.249	30.266	49.9	46.8	42.0	59.8	263	255	74	80	ESE 2	ENE 2	6	0	1	☁ a. and p. ☁ 3p.
17	30.317	30.323	45.0	47.5	38.0	57.6	252	265	84	82	ENE 2	SE 1	2	0	1	☁ a. and p. ☁ 3p.
18	30.366	30.327	48.5	49.2	32.2	59.2	283	288	84	83	NE 2	Calm	0	0	1	☁ a. and p. ☁ 3p.
19	30.275	30.203	52.0	54.9	39.0	64.2	335	375	86	88	Calm	0	10	1	1	☁ a. and p. ☁ 3p.
20	30.246	30.349	62.0	54.9	49.0	67.1	418	381	76	89	N 2	NNW 2	2	4	1	☁ a. and p. ☁ 3p.
21	30.253	30.093	61.0	52.0	47.0	66.1	401	361	76	89	W 3	WSW 2	6	6	1	☁ a. and p. ☁ 3p.
22	30.850	29.922	53.3	50.5	47.7	57.9	355	321	87	88	WNW 4	NW 1	8	6	1	☁ a. and p. ☁ 3p.
23	30.897	29.792	52.5	51.4	46.1	57.7	352	338	89	90	WNW 3	W 3	10	10	1	☁ a. and p. ☁ 3p.
24	30.750	30.001	55.2	48.2	47.1	58.2	389	303	90	91	W 5	Calm	0	9	1	☁ a. and p. ☁ 3p.
25	30.033	29.970	52.0	53.3	45.0	60.9	328	342	84	83	WSW 1	WSW 2	10	2	1	☁ a. and p. ☁ 3p.
26	30.909	29.888	55.9	53.0	47.4	62.3	315	403	71	100	WSW 1	Calm	0	10	1	☁ a. and p. ☁ 3p.
27	30.796	30.055	48.7	46.8	40.1	54.7	328	257	96	81	N 0.5	W 1	10	5	1	☁ a. and p. ☁ 3p.
28	30.205	30.309	51.1	44.3	37.5	54.9	279	244	75	84	WSW 3	W 3	6	5	1	☁ a. and p. ☁ 3p.
29	30.484	30.455	51.1	42.6	39.7	60.0	237	232	64	85	NW 2	NW 1	4	0	1	☁ a. and p. ☁ 3p.
30	30.322	30.210	54.4	47.0	34.9	59.9	268	284	63	89	SW 3	SW 2	7	10	1	☁ a. and p. ☁ 3p.
31	30.110	30.146	46.0	46.6	43.8	48.5	301	281	97	90	ESE 0.5	SSE 2	10	9	1	☁ a. and p. ☁ 3p.
Means	30.129	30.138	50.1	47.9	40.2	58.1	281	282	77.0	83.8	2.0	1.4	6.5	5.4	2.646	

MAY 1880.

GELDESTON (BECCLES).

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

MAY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	44.0	34.1	50.2	in.	in.	81	85	E 1	ESE 1	10	10	1	ins.
2	30.293	30.091	45.2	44.0	34.1	50.2	241	246	81	85	E 1	ESE 1	10	10	1	ins.
3	29.948	29.857	46.7	43.2	32.5	50.7	259	275	82	98	E 2	NE 2	10	10	1	ins.
4	30.748	29.768	47.1	44.1	41.9	52.8	295	285	91	98	NNE 2	N 2	10	1	1	☁ a. and p. ☁ 3p.
5	30.894	29.954	49.5	45.6	41.6	52.6	309	296	88	97	N 4	NNW 4	10	10	1	☁ a. and p. ☁ 3p.
6	30.996	30.019	46.8	45.0	44.8	46.9	309	297	96	99	N 3	NNE 3	10	10	1	☁ a. and p. ☁ 3p.
7	30.048	30.063	45.7	45.3	43.5	52.6	268	268	88	89	NNE 3	NNE 2	10	10	1	☁ a. and p. ☁ 3

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

CARMARTHEN.

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

MAY 1880.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	47.4	33.3	60.7	ins.	ins.	59	84	W	1	W	1	0	ins.
2	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
3	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
4	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
5	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
6	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
7	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
8	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
9	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
10	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
11	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
12	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
13	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
14	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
15	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
16	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
17	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
18	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
19	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
20	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
21	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
22	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
23	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
24	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
25	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
26	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
27	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
28	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
29	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
30	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
31	29.244	29.246	58.2	47.4	33.3	60.7	288	273	59	84	W	1	W	1	0	—
Means	30.104	30.106	54.7	50.0	42.9	60.2	311	306	73.4	84.5	2.7	2.4	5.2	4.1	2.000	

MARLBOROUGH.

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

MAY 1880.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	30.276	30.060	51.7	47.7	29.3	61.7	206	248	53	76	Calm	0	Calm	0	0	—
2	29.897	29.829	50.9	48.6	33.3	63.5	266	252	72	73	E	1	Calm	0	0	—
3	29.742	29.772	48.1	46.5	37.5	56.9	280	274	84	88	N	1	N	1	5	—
4	29.972	30.051	45.0	48.4	42.9	55.9	246	268	81	79	NE	2	N	1	10	—
5	30.073	30.077	49.1	44.7	44.0	56.3	249	235	72	79	N	2	Calm	0	7	—
6	30.053	30.062	45.1	49.0	41.7	59.9	231	246	77	71	N	2	Calm	0	10	—
7	30.166	30.129	45.7	43.7	39.1	55.0	174	202	56	71	NE	1	Calm	0	2	—
8	30.105	30.123	51.7	46.5	41.1	57.5	232	188	61	60	E	1	Calm	0	7	—
9	30.164	30.164	45.2	45.4	34.5	54.9	204	209	68	69	NE	1	Calm	0	9	—
10	30.164	30.030	46.3	45.3	33.0	48.7	214	263	69	87	N	1	Calm	0	10	—
11	29.951	29.966	45.6	44.9	42.4	55.5	254	253	83	85	E	1	N	1	10	—
12	30.017	30.118	50.8	44.7	39.1	58.7	269	235	73	79	E	2	NE	1	8	—
13	30.167	30.182	52.2	48.5	39.3	63.5	276	280	71	83	NE	2	NE	1	1	—
14	30.153	30.122	48.8	55.8	42.1	70.7	304	386	88	87	NE	2	Calm	0	10	—
15	30.133	30.132	53.3	49.2	48.7	68.7	342	286	83	82	NE	2	NE	3	10	—
16	30.159	30.192	52.5	45.8	43.2	63.5	257	238	66	78	NE	2	NE	3	1	—
17	30.250	30.275	47.7	45.7	39.3	59.7	217	235	66	77	NE	3	NE	1	5	—
18	30.302	30.308	48.9	46.7	37.7	59.1	214	211	62	67	NE	2	NE	1	6	—
19	30.289	30.158	51.7	53.5	35.3	61.4	227	325	59	79	W	1	Calm	0	10	—
20	30.214	30.315	63.1	55.7	49.2	73.5	316	361	55	82	N	1	N	1	1	—
21	30.263	30.136	65.6	55.0	47.1	74.9	400	336	64	78	W	1	W	1	2	—
22	29.898	29.923	52.8	48.7	47.8	60.8	301	313	98	92	W	1	W	1	9	—
23	29.973	29.901	52.9	52.7	44.8	60.1	301	298	75	75	SW	1	Calm	0	9	—
24	29.877	30.025	56.3	54.5	48.6	64.6	304	367	68	87	SW	3	W	1	9	—
25	30.074	30.034	55.6	55.0	50.1	70.7	356	321	80	74	SW	1	Calm	0	10	—
26	30.004	29.867	65.2	60.4	49.1	71.3	374	437	80	84	SW	1	Calm	0	9	—
27	29.762	30.058	57.5	46.7	46.7	60.4	399	299	84	94	SW	1	N	1	10	—
28	30.236	30.424	55.7	45.6	39.1	61.2	266	251	60	82	W	1	W	1	5	—
29	30.502	30.465	57.4	47.3	37.4	61.9	250	256	53	79	NW	1	NW	1	4	—
30	30.305	30.240	59.6	52.0	35.0	66.0	247	254	48	66	SW	1	Calm	0	2	—
31	30.140	30.116	49.5	45.7	45.7	52.0	252	288	72	94	SE	1	E	1	10	—
Means	30.112	30.112	52.3	49.0	41.4	61.6	275	278	69.7	79.3	1.4	0.7	6.5	3.8	0.550	

STRATHFIELD TURGISS.

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

MAY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	30°066	52°5	44°5	28°3	63°7	in.	in.	°/o	°/o	NE	2	NE	1	0	ins.
2	29°912	29°829	53°0	45°6	30°0	65°6	277	243	69	80	NE	3	NE	1-0	0	0	—
3	29°738	29°763	49°4	48°9	30°4	58°2	271	292	77	85	NE	0-1	NE	2	10	4	☼ a.
4	29°948	30°034	49°1	50°1	44°3	60°6	276	268	80	74	NE	3-4	N	1	9	10	☼ a.
5	30°062	30°056	47°0	45°2	45°0	53°0	262	231	82	77	N	2	NE	2	10	1	☼ mid-day.
6	30°055	30°053	49°4	46°3	42°8	61°4	260	215	74	69	NE	2	NE	1	10	1	—
7	30°145	30°129	50°5	40°1	40°0	58°2	214	202	59	81	NE	2	Calm	0	3	0	—
8	30°128	30°131	50°4	45°5	36°7	60°2	218	197	60	65	E	1	NE	1	10	2	—
9	30°289	30°292	49°1	44°5	34°4	55°1	220	202	64	69	NE	3	NE	2	10	0	☼ a.
10	30°169	30°024	47°9	46°0	33°4	50°4	231	273	70	89	NE	2	N	1	10	10	☼060
11	29°961	29°983	49°9	46°9	42°3	56°5	280	241	79	76	NE	2	E	1	10	10	☼227
12	30°008	30°100	46°0	48°0	40°2	60°1	241	243	76	73	E	4	E	4	10	0	☼ Squally
13	30°142	30°174	56°7	50°8	40°0	68°4	324	296	71	80	SE	3	NE	3	0	0	☼ Squally mid-day.
14	30°142	30°099	54°5	57°9	40°7	74°0	356	406	84	84	NE	3	NE	1	10	0	☼ Squally mid-day.
15	30°112	30°125	58°5	51°9	48°7	74°2	400	334	82	86	NE	3	NE	2	8	0	—
16	30°143	30°184	57°2	49°4	42°7	67°4	286	241	61	69	NE	3	NE	2	0	0	☼ Squally p.
17	30°236	30°250	52°3	47°4	40°6	62°4	231	228	60	70	E	5-4	NE	3	4	0	☼ Squally a.
18	30°286	30°301	50°1	43°7	35°3	61°5	234	200	66	70	N	4-3	NE	2	9	1	☼ Squally a.
19	30°282	30°130	52°4	55°9	31°6	62°8	235	344	60	77	Calm	0	N	1	10	0	—
20	30°218	30°202	60°7	61°3	49°5	76°3	397	412	75	77	N	1	NE	1	8	10	—
21	30°259	30°115	62°4	60°5	45°8	76°2	394	364	70	69	NW	3	W	3	8	10	☼ Squally mid-day.
22	29°886	29°895	59°1	53°4	46°0	64°2	334	363	67	79	W	5-4	W	4-3	10	8	☼ a. and p.
23	29°971	29°907	59°9	53°6	43°0	61°9	329	333	64	80	W	4-3	SW	3	9	10	☼ with squalls a. and p.
24	29°888	30°036	57°5	54°2	49°6	65°2	335	358	71	85	W	5-3	W	3	10	10	☼020
25	30°089	30°043	58°4	52°4	49°3	71°1	371	315	76	80	SW	3	SW	0-1	7	0	☼ Squally before a.
26	30°068	29°884	73°5	60°2	41°6	79°1	366	418	45	80	SW	3	SW	2	8	9	☼ T a. and, p. ☼ late p.
27	29°758	30°049	64°4	48°5	48°0	65°0	416	329	69	97	SW	4-3	NW	0-1	8	8	☼05
28	30°226	30°407	55°5	48°4	41°0	62°2	279	255	64	76	W	3-4	W	3	5	0	☼ a. Squally mid-day.
29	30°487	30°454	56°8	45°4	36°4	65°2	281	258	61	86	W	3	Calm	0	4	0	☼ a.
30	30°376	30°258	63°4	51°3	32°8	68°4	287	254	49	68	SW	2	SW	2	3	10	☼047
31	30°164	30°117	50°1	48°3	45°1	52°1	306	323	84	96	SW	1	E	2	10	10	☼108
Means	30°109	30°106	54°8	49°9	40°5	63°9	295	285	68°7	78°4		2°6		1°8	7°2	4°0	0°646

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

SOUTHAMPTON.

Height above Mean Sea Level, 74 feet. Long. 1° 24' W. Lat. 50° 55' N.

MAY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.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.	52.4	46.5	34.3	62.2	ins.	ins.	%	%	NE 2	SW 1	1	0	ins.
2	30.265	30.042	52.4	46.5	34.3	62.2	224	251	57	80	NE 1.5	SW 1	0	0	early a.
3	29.884	29.806	53.1	48.9	33.7	64.2	266	238	67	69	NE 2	E 2	7	10	early a. & (mist) op.
4	29.705	29.740	53.2	51.6	38.3	61.8	273	218	56	83	NE 2	E 2	7	10	6.40p. and 6.50p. < op.
5	29.933	30.019	51.8	49.0	44.4	61.9	284	283	74	81	NE 3	N 2.5	9	1	
6	30.049	30.038	48.6	48.6	46.0	55.9	258	256	75	74	NNE 4	NNE 3	10	10	
7	30.024	30.040	48.6	47.9	44.1	60.7	258	244	75	74	NE 4	NE 1	9	1	on grass op.
8	30.108	30.111	52.1	44.3	41.6	60.3	211	211	55	72	NE 3.5	ESE 0.5	2	3	
9	30.297	30.249	49.8	48.3	35.4	56.7	214	211	60	63	NE 3	NE 2.5	8	9	
10	30.141	30.005	49.2	46.8	34.5	52.5	228	259	65	81	NE 2	SE 2	2	10	
11	29.914	29.915	51.4	47.7	44.0	60.4	268	266	71	80	NE 2	NE 1.5	9	1	3p.--3.30p. and 6.45--7.15p.
12	29.966	30.049	52.6	50.2	42.1	64.2	297	259	75	72	NE 4	NE 4	9	0	
13	30.115	30.129	56.7	54.3	42.8	71.3	302	325	66	77	NE 4	ENE 1.5	2	0	on grass op.
14	30.093	30.069	56.7	50.9	43.8	78.1	351	398	76	76	NE 3.5	NE 2.5	2	1	on grass op.
15	30.061	30.044	55.0	56.4	50.0	76.6	406	355	94	78	NE 4.5	NE 6	10	0	nearly all day.
16	30.088	30.121	57.6	52.5	44.9	69.4	293	258	62	66	NE 6	NE 4.5	0	0	all day.
17	30.198	30.212	50.1	50.0	41.0	63.3	238	234	67	65	NE 5	NE 2	6	0	
18	30.267	30.272	52.5	48.2	37.9	61.9	229	202	59	60	NE 3.5	NE 2.5	8	1	
19	30.284	30.127	53.1	53.6	36.1	61.6	237	318	59	77	NNW 1	NW 2	10	0	
20	30.192	30.266	64.2	61.8	50.1	76.8	374	401	62	73	NNW 3	N 2.5	1	5	
21	30.249	30.111	64.9	56.8	49.6	75.3	406	319	66	69	W 2	NW 2	4	10	
22	29.999	29.919	59.9	53.1	47.4	62.3	339	336	66	83	NW 3.5	NW 3	5	3	
23	29.985	29.938	56.7	52.5	47.7	60.2	326	344	71	87	WSW 3	SW 4.5	10	9	
24	29.933	30.041	57.0	53.6	51.1	62.2	354	361	76	88	SW 6	SW 4	10	5	
25	30.099	30.033	56.6	54.4	50.5	66.6	347	362	75	85	SW 3	SSE 1.5	9	1	a.
26	30.079	29.853	64.9	59.9	47.5	71.6	406	440	66	86	SW 2	NNE 1	9	3	op.
27	30.784	30.058	58.8	51.0	50.5	63.6	413	326	84	87	SW 3.5	W 1	10	9	5p. and 6.30p. < 10.45p.
28	30.248	30.419	56.8	49.1	43.0	61.3	262	265	56	76	NW 3	NW 2.5	5	1	
29	30.488	30.436	57.4	53.9	39.9	67.3	255	294	54	71	NW 3	W 1.5	3	1	
30	30.371	30.239	59.5	53.0	39.2	64.6	282	286	56	71	WSW 1	SW 1.5	1	10	
31	30.128	30.079	51.6	48.5	48.1	53.4	330	321	86	96	SW 1	E 2.5	10	10	all day.
Means	30.093	30.084	55.0	51.6	43.3	64.0	296	296	67.9	76.8	3.1	2.3	6.2	3.9	0.386

ST. LEONARDS.

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

MAY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.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	30.257	30.050	53.0	43.3	36.8	54.1	259	242	65	86	ENE 3	NE 2	1	0	Very fine all day. Wind SE after 11a. [backed to NE in the evening.]
2	29.877	29.786	53.3	45.3	30.7	62.3	308	268	75	89	NNE 2	NNE 4	0	0	
3	29.692	29.727	48.6	48.2	44.5	60.1	310	293	91	88	NNE 3	NE 2	10	0	
4	29.883	29.996	51.6	50.2	43.5	60.9	306	289	80	80	NNE 4	NNE 3	6	10	
5	30.005	30.009	46.6	46.3	45.6	50.2	297	274	94	88	N	NNE 3	10	10	Constant 0
6	29.990	30.034	46.2	43.3	43.3	53.4	285	248	92	88	NE 4	NNE 2	10	0	op.
7	30.098	30.121	52.1	43.6	41.7	55.1	230	220	60	78	NE 4	ENE 1	3	0	
8	30.126	30.202	48.3	45.6	41.2	54.9	217	283	64	99	N	NNE 1	9	5	
9	30.276	30.240	47.8	42.2	37.8	53.9	249	216	75	81	NNE 3	NE 2	9	0	
10	30.125	30.014	45.4	43.1	40.1	49.8	234	246	77	88	N	NE 1	10	1	
11	29.919	29.914	52.7	49.9	40.6	59.7	298	270	75	75	ENE 3	NE 3	9	3	
12	29.957	30.039	55.2	47.4	44.8	61.1	286	285	66	87	ENE 5	NE 6	2	0	
13	30.090	30.127	58.4	47.6	46.5	65.5	336	305	69	93	NE 5	NE 6	1	0	
14	30.083	30.055	59.2	56.5	47.1	73.3	386	398	77	87	NNE 3	NNE 4	1	1	
15	30.028	30.042	56.7	51.5	51.2	75.0	395	339	86	89	NNE 6	NNE 6	3	1	[past n.
16	30.087	30.143	54.8	45.6	45.6	61.4	300	261	70	85	NNE 5	NE 5	0	0	(over the sea) 1.30a.-2.30a. in
17	30.189	30.202	48.6	44.7	44.5	56.7	250	251	73	86	ENE 5	NE 5	10	0	Very fine day, with in squalls.
18	30.224	30.272	50.7	43.6	41.4	56.9	271	213	74	75	NE 4	NE 3	8	0	Very fine day, with in squalls.
19	30.276	30.123	54.0	50.3	39.3	55.1	271	334	65	92	E 1	Calm 0	5	10	fealm sp.
20	30.179	30.209	59.7	53.3	49.9	62.3	399	357	78	88	N	Calm 0	6	10	Wind SE 9.30a., SW 2p., W op. falling
21	30.252	30.084	55.1	50.6	49.8	65.4	382	392	88	77	SW 2	WNW 1	1	8	Wind SE Noon, SW 3p., E sp.
22	29.895	29.873	57.5	53.7	51.2	59.6	389	338	82	80	WSW 2	WNW 1	1	8	Faint airs from N 8a.
23	30.096	29.969	58.1	51.8	45.4	57.9	364	348	84	90	WSW 2	WSW 6	7	10	[gale force at times.
24	29.949	30.074	55.5	52.5	51.5	58.1	362	338	82	86	WSW 7	WSW 4	1	7	Squally after mid-day, reaching
25	30.137	30.065	56.2	56.1	49.4	63.0	347	330	76	72	SW 3	ESE 2	2	2	Squally all day.
26	30.012	29.891	64.4	65.6	53.5	74.0	432	406	71	65	SW 2	Calm 0	2	2	T in aft. (sea fog) in evening.
27	29.809	30.012	58.7	53.6	53.6	65.6	406	355	82	86	SW 2	Calm 0	2	2	Frequent distant T.
28	30.220	30.395	56.0	48.9	48.5	60.0	304	260	67	75	SW 4	NNW 2	3	10	op.
29	30.485	30.443	58.4	51.8	44.7	59.7	272	318	55	82	NW 2	WNW 1	5	1	R 0 11a.
30	30.399	30.269	56.7	51.7	47.1	58.4	355	296	77	77	SE 2	ENE 1	7	3	[during the evening.
31	30.140	30.079	53.8	50.1	50.1	55.5	327	321	79	89	ESE 1	N 2	10	7	Wind veered to SW a., and backed
Means	30.085	30.085	53.9	49.6	45.5	60.0	317	300	75.8	83.7	3.1	2.6	5.0	3.5	0.072

Note by the Observer.—A remarkably dry and fine month.

DARTMOOR.

Height above Mean Sea Level, 1,359 feet. Long. 3° 59' W. Lat. 50° 33' N.

MAY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.					
1	ins.	ins.	48.5	41.5	32.0	54.7	ins.	ins.	%	%	E	1	NW	1	3	0	ins.	—	Fine day.
2	29.868	29.847	50.5	44.5	35.0	55.4	.216	.238	59	81	ENE	1	N	2	0	0	—	—	Fine day.
3	.726	29.779	43.5	41.5	40.0	50.0	.240	.240	88	93	E	2	E	2	10	10	—	—	Fine day.
4	29.921	30.040	44.0	44.5	40.0	54.0	.270	.259	94	89	E	2	E	2	10	0	—	—	Fine day.
5	30.071	.067	49.2	44.2	38.5	54.5	.241	.261	69	90	NE	2	NE	1	8	4	—	—	
6	.032	.087	47.0	43.0	38.0	53.0	.206	.225	64	81	E	3	E	1	5	1	—	—	Fine day.
7	.147	.139	43.5	39.9	39.0	51.0	.211	.227	75	93	SE	1	SW	1	10	3	—	—	
8	.082	.227	47.5	38.4	36.9	49.9	.220	.214	68	93	SW	2	W	3	10	10	—	—	
9	.295	.270	43.0	40.0	36.0	48.0	.188	.193	68	78	E	4	E	2	4	10	—	—	
10	30.148	30.010	45.0	40.0	34.9	49.0	.206	.226	69	92	E	2	SE	1	10	10	.060	—	
11	29.896	29.893	41.2	43.0	37.0	49.0	.237	.234	92	84	ESE	3	SE	1	10	5	—	—	
12	29.931	30.023	50.4	46.5	37.0	50.4	.213	.238	59	76	NE	4	NE	5	3	5	—	—	
13	30.098	.120	49.4	47.5	38.5	60.0	.250	.287	71	89	E	3	E	2	8	2	—	—	
14	.080	.063	47.5	50.5	40.0	63.0	.304	.342	94	94	E	3	SE	1	10	2	—	—	☼ ga. Fine day.
15	.032	.031	56.9	54.0	48.0	64.0	.375	.361	81	86	NE	4	ESE	5	4	6	.060	—	
16	.066	.071	50.9	49.0	48.0	60.0	.297	.254	80	73	E	3	NE	6	3	0	—	—	Fine day.
17	.123	.195	46.9	45.0	43.0	56.0	.207	.275	65	92	E	5	E	4	3	0	—	—	Fine day.
18	.248	.293	47.2	46.0	34.0	54.0	.231	.214	72	70	NE	3	E	2	2	2	—	—	Fine day.
19	.262	.204	55.0	52.0	38.0	60.0	.240	.287	56	74	E	2	W	3	1	3	—	—	Fine day.
20	.226	.226	64.0	53.0	51.0	68.0	.240	.323	41	80	NE	3	NE	1	4	0	—	—	Fine day.
21	30.264	.229	65.4	46.0	46.0	67.0	.206	.301	47	97	N	1	NW	2	6	5	—	—	
22	29.982	30.000	51.0	48.2	43.0	54.0	.309	.307	83	92	WNW	2	N	2	10	10	—	—	Squally ga.
23	30.031	29.967	47.0	48.0	44.5	55.0	.298	.297	93	90	WNW	2	W	1	10	10	.060	—	Squally ga. and op.
24	29.934	30.055	49.2	48.0	44.0	54.0	.345	.335	99	100	SW	3	SW	2	10	10	—	—	☼ ga.—op.
25	30.066	30.034	50.5	48.0	46.0	61.0	.316	.333	87	70	SW	1	S	1	9	2	—	—	
26	29.939	29.851	58.0	56.5	45.0	66.0	.342	.399	71	87	SW	1	N	1	10	10	.440	—	
27	29.794	30.149	49.0	41.5	40.0	57.0	.348	.230	100	89	SW	2	NW	2	10	5	.370	—	
28	30.303	.485	42.0	41.0	36.0	57.0	.267	.216	100	84	NW	2	N	1	10	2	—	—	● ▲ before ga.
29	.492	.465	52.0	40.0	39.0	55.0	.309	.247	80	100	NW	2	NW	1	10	10	—	—	
30	.363	.244	49.0	45.0	39.0	52.0	.254	.299	73	100	SW	2	SW	1	8	10	.270	—	Fine a.
31	30.092	30.049	44.2	44.0	41.5	48.0	.274	.288	95	100	SSW	2	SSW	2	10	10	.130	—	
Means	30.089	30.106	49.3	45.5	40.2	55.8	.267	.266	76.9	86.7		2.4		2.0	7.1	5.1	1.390		

ST. AUBIN'S, JERSEY.

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

MAY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	53.6	54.5	54.2	55.4	in.	in.	0.66	0.83	NE 3	NE 3	1	0	ins.	Squalls before 9a. Very fine day. ∞ p.
2	29.891	29.822	54.0	48.6	42.2	58.7	2.88	2.54	69	74	E 2	NNE 3	1	0	—	Extremely fine. Hawthorn in flower.
3	735	726	57.5	48.1	43.7	62.5	2.85	2.94	60	88	NW 2	NE 2	2	0	—	Extremely fine. ∞ p.
4	29.887	29.986	49.8	49.8	44.5	54.1	2.90	3.01	82	84	NE 3	NE 2	10	0	—	Gloomy till 4p., then very fine. ∞ p.
5	30.051	30.020	53.3	48.8	45.6	53.8	2.81	2.72	70	78	NE 3	NE 2	6	9	0.01	∞ p.
6	0.000	0.019	47.3	46.5	45.3	51.5	2.97	2.59	92	83	ENE 3	NE 2	10	0	0.14	Extremely fine.
7	1.109	1.149	52.0	45.6	43.4	55.2	2.58	2.12	67	70	NE 3	NE 1	7	0	—	Extremely fine.
8	1.127	1.182	53.3	45.2	40.2	55.2	2.42	2.01	60	67	E 2	NE 2	5	0	—	Extremely fine.
9	2.52	2.220	50.9	45.7	43.0	52.8	2.32	2.31	63	76	NE 3	NE 3	8	0	—	Extremely fine. Dead calm early a.
10	30.140	30.015	49.2	44.2	42.1	49.5	2.19	2.30	62	79	NE 2	NE 1	9	1	—	Cold breeze, force 5 at times. Very
11	29.883	29.850	50.6	50.8	42.7	58.0	2.85	2.59	77	70	NE 3	NE 3	8	8	—	Dry and cold. ∞ 5.30p. Clear p.
12	29.870	29.981	50.1	50.4	47.0	57.5	2.79	3.08	62	85	NE 4	NE 3	4	8	—	Coloured ∞ at times a. 5.45p.
13	30.047	30.067	55.2	52.5	48.5	60.1	3.25	3.27	75	82	NE 4	ENE 4	4	4	0.10	Bright early a. Cold wind all day.
14	30.058	30.000	51.3	58.6	48.0	65.0	3.52	3.72	93	76	E by N 3	NE 3	10	3	—	Cold wind a. Ugly look to S. 6p.
15	29.995	29.986	60.1	58.2	53.8	65.8	3.97	3.43	77	71	NE 3	NE 6	1	4	—	Warmer p.
16	29.955	30.003	55.2	51.0	50.1	59.7	3.28	2.68	75	72	NE 6	NE 7	4	2	—	Very fine and warm, but ∞ all day.
17	30.044	30.000	51.3	58.6	48.0	65.0	3.52	3.72	93	76	E by N 3	NE 3	10	3	—	all day. Very fine. ∞ to S. p.
18	1.197	1.246	53.7	47.3	45.6	56.6	2.50	2.50	61	77	NE 4	NE 3	4	0	—	2 (force 7-8) at night. (but cool)
19	1.275	1.217	56.0	49.0	43.4	56.7	2.74	2.98	60	86	NE 2	NW 2	5	4	—	all day, force 8 at times. Very fine
20	2.237	2.293	61.3	56.9	48.1	67.1	3.58	2.81	67	60	NNE 2	NW 1	0	0	—	Bright and fine. Very dry. Cold breeze.
21	3.07	2.443	63.8	52.3	50.2	70.8	3.74	3.41	63	87	N by W 1	W 2	0	10	—	Coloured ∞ at times. Cold breeze.
22	0.93	0.62	57.3	51.0	49.0	61.2	3.61	3.48	77	93	W 2	W by N 2	10	4	0.07	Extremely fine. Warm and very dry.
23	1.128	1.121	55.8	51.8	49.4	61.3	3.58	3.16	80	82	W 3	W 3	7	5	—	Hot a. Humidity 52% 2p. Cooler
24	1.109	1.145	58.2	51.8	51.0	66.4	3.50	3.56	72	92	SW 3	WSW 1	8	0	0.03	from 3p. Red sunset.
25	1.154	30.067	60.1	62.2	49.0	72.8	3.76	3.73	73	67	SE 1	Calm 0	2	0	—	Coloured ∞ 5.30p.
26	30.037	29.877	62.4	66.2	53.3	75.5	4.00	4.39	71	68	S 1	Calm 0	6	10	0.32	Extremely fine from 10a. ∞ p.
27	29.907	30.153	60.9	50.3	50.0	69.2	4.11	3.09	78	85	SW 2	WNW 2	9	9	0.025	∞ a. ∞ 6a-7a. Very fine and
28	30.354	3.505	58.0	48.8	47.3	61.3	3.00	2.95	62	85	WNW 2	W by N 1	2	0	—	hot. Humidity 39% 2.15p.
29	5.45	4.94	57.2	48.4	44.0	63.1	3.11	3.08	66	91	N 1	N 2	3	0	—	∞ 0.40p. Sudden heat; fine; calm.
30	4.19	2.77	57.9	54.0	44.7	62.3	3.06	2.88	63	69	E by S 1	NE 1	0	10	0.028	Hot sun 11a. Cold NW. wind p.
31	30.141	30.016	52.6	51.4	49.0	56.2	3.16	3.59	79	94	E 2	ENE 3	10	10	0.312	Very fine day. ∞ p.
Means	30.103	30.094	55.4	50.9	46.5	60.4	3.11	2.96	70.6	79.0	2.7	2.4	5.1	3.3	0.432	∞ a. ∞ 1p. Very fine. ∞ p.

Observer remarks: The driest May for 16 years.

LONDONDERRY.

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

MAY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	30.197	29.893	52.6	51.1	44.0	61.5	2.80	3.08	71	81	SW 2	SW 2	6	10	0.020	Cold.
2	29.976	29.979	50.4	44.1	41.3	55.5	2.80	2.31	77	79	NW 2	W 1	8	7	0.070	
3	29.935	30.035	44.6	45.0	39.0	49.0	2.52	2.51	86	84	NNE 3	NE 3	9	10	0.020	
4	30.178	2.227	50.1	41.7	38.8	56.2	2.81	2.30	78	88	NE 1	NE 1	9	1	—	
5	2.223	2.243	47.7	46.2	36.0	53.8	2.88	2.72	87	88	SW 1	WNW 1	10	10	0.10	
6	2.222	2.242	47.7	43.8	41.3	54.5	2.66	2.32	81	80	NW 2	NNE 1	10	1	—	
7	2.232	1.555	47.7	39.8	38.0	54.5	2.14	2.09	65	86	NE 1	Calm 0	8	0	—	
8	1.171	1.334	51.5	43.7	30.4	55.3	2.69	2.51	71	88	NE 1	NE 1	2	0	—	
9	4.25	3.999	56.7	47.7	34.5	60.8	2.85	2.88	63	87	Calm 0	Calm 0	3	5	0.095	Fine and clear all day.
10	2.221	1.180	51.7	50.0	45.8	57.7	3.52	3.12	92	87	NE 2	NE 1	10	10	0.020	Fine and clear.
11	1.137	1.135	47.2	46.2	43.0	56.1	2.45	2.42	76	78	NE 2	NE 3	10	3	0.085	
12	1.193	2.02	46.7	45.7	41.2	59.2	2.70	2.56	85	84	E 3	NE 2	10	0	—	
13	3.08	3.01	53.2	45.7	34.7	53.5	2.73	2.68	68	88	NE 3	NE 2	8	0	—	
14	2.87	2.74	54.0	47.8	40.0	57.9	3.10	3.06	74	92	NE 2	NE 1	1	1	—	
15	3.19	2.94	55.2	49.7	42.0	60.0	3.22	2.77	74	78	NE 1	NE 2	9	2	—	
16	3.09	3.02	56.2	48.5	41.9	64.5	3.02	3.21	66	94	E 1	Calm 0	8	0	—	
17	3.39	3.58	61.5	52.7	38.8	66.5	3.38	3.34	62	84	Calm 0	NE 1	0	5	—	
18	3.60	3.56	61.9	54.2	46.0	68.5	3.46	3.42	63	81	SW 1	Calm 0	0	10	—	
19	2.79	3.06	57.9	53.0	49.0	67.0	3.82	2.97	79	74	SW 2	Calm 0	10	0	—	
20	3.52	3.075	55.4	50.8	48.1	65.6	3.82	3.09	87	83	NW 1	SW 1	10	5	—	
21	30.275	29.971	54.7	52.7	48.2	57.8	3.79	3.25	89	81	SW 2	SW 3	10	10	0.050	
22	29.786	2.893	54.7	49.7	47.6	56.7	3.11	3.04	73	86	W 3	SW 2	9	10	0.115	
23	6.22	5.33	52.2	50.7	48.4	55.5	3.61	3.34	93	90	SW 3	SW 2	10	10	0.210	
24	6.32	7.89	51.1	45.2	42.7	53.5	2.43	2.45	65	82	W 4	WSW 3	5	4	0.115	
25	7.863	6.85	47.6	52.8	42.6	59.7	2.90	3.50	89	87	SW 3	S 4	8	10	0.050	
26	6.95	8.30	53.2	48.8	45.2	57.7	2.73	2.66	68	77	S 2	WSW 2	5	10	—	
27	29.817	29.976	56.2	46.9	44.0	59.0	2.78	2.54	61	80	S 2	W 2	9	10	0.140	
28	30.148	30.355	45.1	46.7	40.8	54.0	2.46	2.64	82	83	WSW 3	W 2	5	7	0.115	
29	4.27	30.261	55.2	53.7	47.0	62.5	2.86	2.90	66	70	SW 2	S 1	6	10	0.170	
30	0.16	29.989	52.5	51.6	47.8	57.2	3.38	3.48	86	91	SSW 3	SW 1	10	8	0.210	
31	30.036	30.248	54.2	51.7	47.5	61.0	3.30	3.37	78	88	N 1	E 1	8	10	0.080	
Means	30.128	30.135	52.5	48.3	42.2	58.5	2.99	2.86	76.0	83.8	2.0	1.5	7.3	5.8	1.575	

LONDONDERRY.

MARKREE CASTLE, SLIGO.

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

MAY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	52.1	48.4	41.2	55.1	in.	in.	0.70	0.84	SE 1	Calm 0	8	10	ins.	D a.
2	29.988	29.990	47.3	40.4	40.1	53.4	.273	.286	73	83	N 3	Calm 0	9	3	.238	
3	29.995	29.995	47.3	40.4	40.1	53.4	.238	.209	73	83	N 3	Calm 0	9	3	.238	
3	29.921	30.020	48.1	43.1	37.7	51.4	.229	.222	68	79	NE 3	NE 2	8	9	.018	
4	30.155	.212	50.0	43.1	39.3	55.6	.251	.235	70	84	NE 2	Calm 0	10	1	.002	
5	.227	.223	48.1	48.2	30.8	55.2	.271	.270	81	81	Calm 0	NW 2	10	10	—	
6	.220	.241	48.1	44.1	43.3	52.6	.238	.245	71	84	NW 1	N 1	10	2	—	
7	.214	.117	49.1	42.5	36.1	55.4	.216	.230	62	85	N 1	Calm 0	5	0	—	
8	.129	.205	50.1	45.9	33.5	59.4	.233	.236	65	77	E 1	E 1	4	0	—	
9	.416	.371	51.5	48.1	33.4	58.0	.255	.254	67	76	Calm 0	Calm 0	10	5	.020	
10	.205	.131	50.1	50.3	43.5	58.2	.344	.303	95	83	Calm 0	NNW 1	10	8	.014	
11	.062	.052	45.5	45.1	45.1	54.9	.239	.219	80	74	ENE 2	E 3	10	6	.186	
12	.084	.212	50.2	42.2	41.5	56.4	.289	.229	80	86	ESE 4	Calm 0	10	0	☁ 9a. D ² 9p.	
13	.257	.229	49.1	47.2	38.1	56.1	.240	.280	69	87	E 3	Calm 0	10	9	—	
14	.226	.203	54.1	52.1	42.3	63.1	.272	.269	66	70	ESE 3	Calm 0	8	10	D ² 9a.	
15	.234	.231	55.4	50.7	46.1	63.3	.304	.288	69	78	E 3	E 1	5	2	—	
16	.251	.246	50.3	48.3	41.2	62.4	.288	.275	79	82	E 1	Calm 0	10	0	☁ 9p.	
17	.303	.328	58.9	51.1	40.0	66.8	.260	.310	51	82	ESE 2	Calm 0	0	0	☁ 9p. U ¹¹ p.	
18	.362	.354	61.8	53.1	39.8	64.6	.327	.357	59	88	Calm 0	N 2	6	10	—	
19	.304	.326	56.9	51.4	49.8	61.6	.355	.281	77	74	NW 1	N 2	10	0	—	
20	.381	.388	54.5	51.7	48.8	60.6	.332	.319	79	83	NW 2	N 1	3	9	—	
21	30.296	30.014	54.8	51.4	50.2	59.6	.354	.300	83	79	W 1	Calm 0	10	10	.040	
22	29.842	29.926	52.5	50.2	49.3	56.9	.359	.312	91	86	WNW 4	Calm 0	9	8	.182	
23	.683	.912	51.1	50.3	49.1	54.4	.355	.349	94	96	Calm 0	WSW 1	10	10	.132	
24	.703	.846	48.7	45.9	43.6	56.4	.232	.236	68	77	W 4	SW 3	5	10	.038	
25	.869	.654	52.1	54.1	41.0	59.4	.286	.381	74	91	SW 2	SW 4	10	10	.035	
26	.734	29.839	54.1	47.7	46.4	59.4	.260	.252	63	77	SW 4	Calm 0	10	10	.005	
27	29.847	30.001	49.3	44.1	38.5	60.2	.238	.254	68	87	SSW 1	Calm 0	10	10	.824	
28	30.211	.391	47.3	45.1	39.2	54.1	.236	.248	73	83	NW 4	Calm 0	6	1	—	
29	30.420	30.239	53.1	51.6	34.8	61.4	.280	.293	70	76	SW 1	S 2	8	10	.170	
30	30.975	29.999	52.3	51.1	48.1	61.4	.360	.347	92	92	S 4	Calm 0	10	10	.050	
31	30.029	30.189	52.3	51.9	47.4	60.4	.341	.306	87	79	Calm 0	Calm 0	10	5	.020	
Means	30.121	30.119	51.6	48.1	41.9	58.3	.282	.277	74.0	82.0	1.9	0.8	8.2	6.1	.276	

BIRR CASTLE, PARSONSTOWN.

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

MAY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	49°	42°	62°	in.	in.	0/	0/	SW	2	WSW	1	0	ins.
2	30°242	29°957	54°	49°	42°	62°	274	284	66	80	N	3	NNW	0°5	10	1
3	29°987	30°020	47°9	47°9	43°2	54°4	253	219	77	77	NNW	3	NNW	3	6	1
4	29°903	29°969	45°3	42°9	35°0	54°3	245	220	81	80	NE	3	NNW	0°5	10	0
5	30°121	30°185	45°7	43°9	42°3	56°8	241	242	79	84	NNW	0°5	Calin	0	3	10
6	242	205	49°1	51°7	35°7	56°4	244	332	70	87	N	1	NNW	2°5	10	10
7	223	229	46°9	48°1	44°1	53°1	223	252	71	75	NW	0°5	Calin	0	2	10
8	242	132	47°3	48°5	40°3	56°4	214	294	66	86	NNE	1	Calin	0	9	0
9	006	284	53°9	44°6	42°5	59°5	239	226	57	77	NNE	1	Calin	0	0	1
10	411	341	52°9	48°6	32°5	63°7	253	280	63	82	NNE	1	Calin	0	10	10
11	002	006	46°9	47°5	43°5	53°9	263	291	87	88	NE	2	ENE	2	10	10
12	051	184	51°3	45°9	44°4	59°5	267	236	71	77	SE	2	E	3	9	1
13	218	201	51°9	47°8	38°9	60°5	236	254	61	77	E	3	ENE	2	1	0
14	189	175	55°3	50°2	45°6	60°5	280	271	64	75	NE	2	E	1	9	1
15	195	199	55°5	50°9	46°8	61°8	331	289	74	78	NE	3	ENE	4	10	0
16	221	223	53°7	49°9	44°5	63°5	291	286	70	80	NE	2	E	2	1	0
17	294	360	58°9	48°3	38°5	66°2	306	274	61	81	ESE	2	Calin	0	0	0
18	388	358	59°6	53°9	39°9	70°4	312	298	61	71	NW	0°5	NNW	0°5	0	7
19	326	342	61°3	54°2	48°0	71°2	378	276	70	66	NNW	0°5	NNW	0°5	2	0
20	401	421	58°8	52°9	41°3	72°2	337	299	68	74	W	1	WSW	1	2	9
21	30°353	30°108	55°4	50°0	45°5	65°8	313	300	71	84	W	1	SW	1	9	0
22	29°008	29°095	54°7	50°8	50°0	58°2	321	311	75	84	W	5	SW	2	10	7
23	804	667	51°7	51°2	50°0	54°5	352	358	92	96	SW	5	SW	6	10	10
24	793	926	51°9	48°1	48°0	57°8	224	229	58	68	WSW	5	WSW	2	7	3
25	946	777	53°7	53°7	43°0	60°5	279	362	67	88	SW	3	SSW	5	9	10
26	818	29°892	49°9	48°2	47°3	59°0	318	270	89	81	SSW	1	Calin	0	10	10
27	29°877	30°074	52°9	45°4	45°1	58°3	255	245	63	81	WSW	1	WSW	1	1	0
28	30°281	439	51°7	45°5	40°3	58°8	245	247	64	81	W	3	W	1	1	0
29	485	337	54°9	51°6	37°3	62°3	269	286	62	75	SW	2	S	0°5	7	10
30	118	070	52°6	52°1	50°0	60°0	335	327	84	83	SE	6	WSW	1	10	10
31	30°038	30°148	54°9	51°9	51°3	59°5	336	321	77	84	N	1	NNE	4	10	10
Means	30°142	30°140	52°6	49°0	43°2	60°2	282	279	71°0	80°0	2°2	1°5	6°3	4°9	1°388	

DUNROBIN CASTLE.

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

JUNE 1880.

1	30° 46.2	30° 54.3	55° 3	49° 0	44° 5	56° 5	*380	*310	87	90	SE	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2	*512	*353	59° 6	49° 5	41° 2	59° 6	*444	*329	87	94	SE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3	*132	*160	58° 6	45° 9	44° 9	59° 9	*458	*300	93	98	SW	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4	30° 130	30° 009	50° 3	46° 6	45° 7	54° 5	*295	*292	81	93	NE	NW	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5	29° 87.2	29° 75.5	51° 3	50° 0	44° 7	57° 4	*352	*309	93	86	SW	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6	*635	*577	52° 3	48° 6	45° 2	55° 7	*319	*285	81	94	W	SW	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7	*439	*401	48° 3	46° 2	39° 8	54° 7	*289	*285	86	92	SW	NW	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8	*588	*660	46° 6	46° 2	39° 6	56° 9	*280	*257	89	83	W	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9	*708	*761	48° 5	47° 5	40° 7	52° 7	*292	*292	87	90	W	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10	*820	*872	51° 7	50° 3	40° 7	54° 5	*314	*339	82	93	SW	SE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	*889	*879	57° 4	53° 5	40° 9	59° 6	*365	*376	77	92	SE	NW	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	*878	29° 88.4	56° 5	56° 5	47° 7	61° 6	*398	*412	87	90	E	SE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13	29° 88.3	30° 00.4	57° 4	54° 5	53° 8	57° 9	*415	*402	88	95	SE	SW	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	30° 17.7	*294	59° 6	53° 7	43° 9	59° 6	*437	*393	86	95	S	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
15	*341	*437	61° 2	50° 5	42° 2	61° 6	*381	*337	71	92	SE	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
16	*448	*404	56° 5	52° 3	49° 6	58° 2	*371	*371	81	95	E	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17	*465	*384	57° 4	54° 7	50° 8	60° 6	*415	*366	88	86	E	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18	30° 24.3	30° 00.6	53° 5	53° 5	42° 9	62° 6	*382	*354	94	87	E	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19	29° 89.4	29° 78.7	54° 7	55° 7	50° 6	60° 4	*366	*409	86	92	NE	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20	*779	*737	56° 0	53° 3	51° 6	58° 2	*411	*385	91	95	E	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21	*684	*706	56° 3	55° 3	51° 6	58° 9	*430	*414	95	95	E	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22	*780	*788	55° 7	56° 5	51° 6	58° 6	*423	*412	95	90	E	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
23	*780	*785	56° 5	53° 7	53° 6	56° 6	*412	*379	90	92	NE	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
24	*759	*826	58° 9	51° 7	49° 8	59° 2	*423	*352	86	92	E	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
25	*784	*824	60° 4	56° 0	47° 2	60° 6	*457	*411	88	91	SE	W	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26	*885	*953	52° 5	53° 7	51° 4	56° 0	*373	*384	95	93	NE	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27	*952	*735	57° 9	60° 4	53° 6	60° 0	*408	*469	85	90	W	W	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28	*749	*780	61° 6	57° 4	56° 1	62° 2	*478	*459	87	97	SW	N	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
29	*741	*755	59° 4	54° 3	52° 1	60° 4	*446	*370	89	88	W	E	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30	29° 68.0	29° 62.7	53° 5	53° 3	50° 8	58° 2	*382	*385	94	95	E	NE	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Means	29° 93.6	29° 92.7	55° 5	52° 2	47° 3	58° 5	*387	*361	87° 3	91° 8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

BRAEMAR.

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

JUNE 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	50°7	49°5	36°1	63°5	in.	in.	0/10	0/10	NE	1	NE	1	0	ins.		
2	30°44.8	30°48.6	50°7	49°5	36°1	63°5	.254	.222	69	63	NE	1	NE	1	0	—		
3	*428	*358	56°8	51°0	34°2	64°5	*238	*240	52	64	NE	1	NE	1	0	—		
4	*093	*085	56°6	43°4	34°4	62°5	*278	*224	61	79	SE	0°5	NE	2	7	*070	Fair but cold.	
5	30°08.1	30°029	41°6	41°6	38°1	57°7	*208	*208	79	79	NW	2	NW	2	8	*160	●. Snow on hills.	
6	29°093	29°737	46°4	49°0	40°1	54°5	*266	*287	82	83	NW	2	W	2	7	*120	●. Snow on hills.	
7	*644	*612	47°5	42°4	42°4	52°7	*259	*212	80	79	NW	2	NW	2	9	*060	● showers. Snow on hills.	
8	*397	*483	49°5	40°9	37°2	53°2	*213	*226	60	89	W	2	W	1	8	*170	● showers. Snow on hills.	
9	*549	*630	45°6	43°4	39°2	52°5	*238	*226	78	80	W	1	SW	0°5	7	*010	● showers. Snow on hills.	
10	*660	*769	50°5	41°8	34°6	55°8	*190	*237	52	90	NW	0°5	NE	0°5	1	*100	● showers. Snow on hills.	
11	*817	*876	47°8	45°6	34°4	56°5	*251	*263	76	86	E	0°5	W	4	8	*080	● showers. T 2p.	
12	*897	*914	52°5	48°5	33°7	60°2	*238	*270	61	80	E	0°5	SW	1	2	7	Fine.	
13	*873	*847	54°2	53°3	35°7	61°5	*293	*357	70	88	SW	2	S	4	7	*010		
14	29°876	29°958	54°8	54°5	52°4	58°8	*339	*347	79	82	S	4	SW	1	8	7	—	
15	30°120	30°240	53°7	51°2	48°0	64°7	*303	*286	74	76	NE	0°5	NE	1	8	4	—	
16	*291	*354	53°0	50°5	50°0	61°3	*263	*254	66	70	NE	2	NE	1	2	*100		
17	*344	*386	58°4	56°9	46°6	67°5	*333	*305	68	79	NE	2	NE	0°5	1	0	—	
18	*397	30°347	56°8	56°8	39°3	68°7	*314	*314	68	68	NE	0°5	NE	1	3	1	Clear and dry.	
19	30°107	29°937	54°2	54°0	40°1	68°5	*315	*265	75	64	NE	0°5	E	0°5	8	0	Clear and dry.	
20	*778	*778	55°8	55°3	46°8	69°0	*331	*364	74	83	W	1	SE	0°5	1	2	Clear and dry.	
21	*716	*643	57°3	55°9	49°2	66°3	*369	*387	79	87	E	1	NE	2	6	7	—	
22	*625	*665	55°7	58°0	53°0	66°9	*409	*430	92	89	NW	0°5	E	0°5	8	7	—	
23	*689	*758	64°6	56°2	44°3	70°3	*383	*425	63	94	NW	0°5	NW	0°5	6	6	*280	
24	*688	*751	60°4	56°6	51°2	68°7	*396	*391	75	85	E	0°5	NE	1	8	7	*010	
25	*699	*751	55°2	55°3	48°4	70°5	*321	*351	74	80	E	0°5	E	1	5	6	—	
26	*699	*760	64°9	53°5	45°0	67°0	*392	*387	63	95	NE	1	W	0°5	7	4	*240	
27	*819	*905	52°3	54°8	50°2	57°5	*376	*334	96	78	E	0°5	NW	0°5	10	8	*080	
28	*878	*746	60°1	58°0	49°0	60°5	*309	*413	60	85	SW	2	SW	4	6	8	*090	
29	*767	*850	57°6	57°6	56°4	64°5	*412	*384	86	81	SW	4	W	4	8	7	*210	
30	*730	*698	58°6	57°9	56°2	62°7	*433	*386	88	81	SW	2	W	1	8	8	*900	
30	29°605	29°548	54°9	53°8	52°5	60°1	*399	*371	93	89	NE	0°5	NE	0°5	10	8	*380	●. Rivers high.
Means	29°892	29°897	54°3	51°6	44°0	62°3	.310	.314	73.1	80.9		1°3		1°4	5°9	5°8	3°070	

LAUDALE.

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

JUNE 1880.

1	30°44'5	30°45'4	54°0	52°0	44°2	63°3	*308	*325	74	84	E	3	Calm	0	1	0	—
2	*411	*296	56°0	52°4	44°3	60°4	*345	*306	75	78	N	1	Calm	0	0	0	—
3	*165	*120	52°2	46°2	44°3	61°2	*311	*281	80	91	NW	3	NW	5	2	2	—
4	30°14'8	30°11'1	40°3	47°8	42°9	51°5	*290	*267	83	81	NW	6	NW	4	2	2	*070
5	20°9'42	20°8'57	48°5	51°0	45°5	58°2	*332	*356	98	95	Calm	0	NW	2	10	10	*260
6	*712	*714	49°5	48°5	46°5	53°9	*304	*283	87	84	NW	4	NW	4	6	2	*250
7	*496	*569	52°8	47°8	42°2	54°5	*310	*295	77	89	WNW	5	WNW	4	6	9	*110
8	*591	*680	49°1	46°2	39°0	54°6	*297	*267	85	86	WNW	2	NW	1	7	1	*110
9	*728	*767	50°0	49°3	37°0	54°2	*265	*228	74	73	WNW	2	NW	1	1	3	—
10	*814	*861	55°7	47°4	39°6	59°2	*321	*298	73	91	Calm	0	Calm	0	8	0	—
11	*896	*867	52°7	56°0	38°2	63°0	*295	*274	75	60	S	1	S	2	0	3	—
12	*795	20°8'19	57°0	56°0	50°7	59°2	*304	*422	65	94	S	7	S	4	9	10	*170
13	20°8'50	30°0'56	55°0	54°2	53°8	59°2	*400	*385	94	92	S	3	Calm	0	10	2	*090
14	30°1'70	*254	55°0	53°6	44°8	62°1	*332	*342	77	83	NNW	1	NNW	1	9	3	—
15	*316	*387	57°3	54°5	44°5	65°1	*385	*350	82	83	NNW	2	NNW	1	5	2	*030
16	*333	*356	61°8	59°0	51°2	72°3	*426	*410	78	83	Calm	0	Calm	0	9	1	—
17	*359	30°2'71	61°0	63°2	49°8	72°8	*273	*382	51	66	E	3	S	1	0	0	—
18	30°1'38	20°9'41	62°1	68°0	52°6	72°5	*371	*441	67	64	Calm	0	Calm	0	9	7	—
19	20°8'19	*676	63°7	63°0	53°1	72°3	*484	*516	82	90	SE	2	SE	2	0	9	—
20	*656	*581	62°5	64°3	58°0	67°4	*517	*528	92	88	SE	3	SE	2	5	9	*030
21	*564	*662	63°1	57°0	58°9	60°8	*522	*443	90	95	SE	2	Calm	0	10	10	*110
22	*742	*788	65°3	65°0	50°9	60°8	*484	*472	79	77	Calm	0	Calm	0	10	10	*060
23	*730	*742	58°2	52°8	54°4	60°0	*448	*390	92	80	Calm	0	Calm	0	10	9	*200
24	*705	*795	61°7	66°2	50°7	69°8	*408	*408	75	93	Calm	0	Calm	0	8	9	*160
25	*797	*803	57°0	55°8	54°4	68°0	*434	*408	93	91	Calm	0	Calm	0	10	10	—
26	*885	*999	56°4	56°0	52°7	61°5	*393	*378	87	84	NNW	2	NNW	2	10	10	*210
27	*948	*981	57°2	60°0	52°2	61°0	*409	*453	87	88	NNW	4	NNW	4	10	10	*630
28	*862	*857	58°7	59°0	54°9	60°3	*453	*436	92	88	SW	5	SW	4	10	10	*750
29	*783	*724	58°8	57°0	57°1	63°0	*448	*405	91	87	SW	3	SW	3	10	10	*140
30	20°6'39	20°6'00	57°0	54°5	54°1	53°8	*408	*382	88	90	W	3	W	3	10	10	*080
Means	20°9'14	20°9'13	56°7	55°5	48°8	63°0	*376	*377	81°4	84°3	2°2		1°7	6°6	5°8	3°460	

⚡ (mist) gp.
⚡ (mist) ga.
Temp. of dry and wet bulbs fell 3° by [10.15a.
⚡² showers afternoon.
●² showers with T

Very stormy. ● in aft. ⚡ (mist) gp.
⚡ (mist) ga.

⚡ (mist) ga.

⚡ (mist) ga. and gp.
⚡ (mist) ga. and gp.
⚡ (mist) ga. T
T
⚡ (mist) ga. and gp.
⚡ (mist) ga. and gp.
● and ⚡ (mist) all day from 8a.
● and ⚡ (mist).
● and ⚡ (mist).
● and ⚡ (mist).

DUNDEE.

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

JUNE 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	30°45'	55°4'	50°4'	43°3'	63°7'	°308	°232	70	64	E	2	NE	1	5	0	ins.
2	*416	*206	62°5'	52°4'	46°3'	67°7'	*377	*270	67	69	E	8	E	4	0	0	—	Fine day.
3	*113	*055	63°5'	45°4'	45°3'	69°7'	*342	*260	59	87	SW	1	NW	1	0	10	—	7a.—4p. Fine day.
4	30°055	30°000	48°4'	47°4'	41°3'	55°7'	*196	*203	58	62	N	8	NW	2	10	7	—	7a.—4p.
5	29°901	29°778	51°4'	53°4'	44°3'	58°7'	*242	*282	64	60	W	2	NW	2	10	10	—	7a.—4p.
6	*646	*636	55°4'	47°4'	47°3'	59°7'	*247	*226	56	68	NW	2	NW	4	10	7	*050	☉ ▲ 0.30p. ☾ 0.30p.—6p.
7	*459	*488	53°4'	48°4'	41°3'	59°7'	*226	*231	55	68	NW	2	NW	2	5	10	—	☉ ▲ showers 11.30a.—4p. ☉ 9p.
8	*579	*637	52°4'	45°4'	40°3'	56°7'	*253	*283	65	94	NE	1	NW	1	10	10	*200	☉ ▲ showers 11.30a.—4p. ☉ 9p.
9	*712	*760	53°4'	48°4'	37°2'	62°7'	*244	*293	60	87	NW	1	E	1	5	10	—	Fine day.
10	*872	*892	56°4'	57°5'	42°3'	58°7'	*321	*449	70	93	S	1	SE	1	5	10	—	Distant T 11.40a.—2p.
11	*940	*920	58°5'	49°4'	44°3'	60°7'	*346	*327	71	94	S	1	SE	1	5	10	—	Fine day.
12	*930	*905	58°5'	54°4'	43°3'	62°7'	*346	*366	71	87	SE	1	SE	1	7	10	—	Fine day.
13	29°918	29°986	57°5'	55°4'	53°2'	62°7'	*411	*410	86	93	SE	1	SW	1	10	10	*100	☉ from 0.30p.
14	30°125	30°256	59°5'	53°4'	53°2'	64°7'	*385	*327	76	80	S	1	SE	1	10	7	—	Fine day.
15	*268	*316	62°5'	54°4'	43°3'	67°7'	*266	*253	47	60	NE	4	NE	8	7	10	—	☉ from 0.30p.
16	*304	*373	68°4'	54°4'	50°2'	71°7'	*393	*366	56	87	E	6	E	2	.7	7	—	Fine day.
17	*390	30°394	68°4'	52°4'	51°2'	70°7'	*393	*315	56	80	E	6	E	1	0	0	—	Fine day.
18	30°212	29°946	63°5'	52°4'	49°2'	71°7'	*366	*315	63	80	S	1	SE	2	7	10	—	Fine day.
19	29°905	*792	53°4'	53°4'	50°2'	62°7'	*352	*327	86	80	S	1	SE	2	10	7	*050	☉ from 6p.
20	*735	*654	53°4'	53°4'	52°2'	59°7'	*352	*380	86	93	E	2	E	2	10	10	—	☉ from 6p.
21	*637	*694	53°4'	53°4'	53°2'	64°7'	*409	*409	100	100	SE	1	SE	1	10	10	—	☉ from 6p.
22	*772	*774	58°5'	54°4'	52°2'	64°7'	*426	*394	87	93	S	1	SE	1	10	10	—	☉ from 6p.
23	*742	*725	57°5'	51°4'	51°2'	63°7'	*440	*353	93	93	SE	1	SE	1	10	10	—	☉ from 6p.
24	*748	*796	54°4'	49°4'	47°3'	67°7'	*366	*327	87	93	S	1	SE	1	10	7	—	Fine day.
25	*799	*795	56°4'	52°4'	47°3'	67°7'	*364	*366	81	93	SE	1	NE	1	5	10	—	Distant T till 4p.
26	*855	*921	56°4'	53°4'	50°2'	64°7'	*396	*380	87	93	SE	1	SE	1	10	10	—	4p.—7p.
27	*977	*810	64°5'	60°5'	52°2'	66°7'	*408	*459	67	87	SE	1	SW	2	10	10	—	☉ from 6p.
28	*853	*867	64°5'	60°5'	58°2'	71°7'	*466	*429	77	82	SW	4	SW	6	10	7	—	Fine day.
29	*778	*724	66°5'	61°5'	58°2'	72°7'	*441	*476	68	87	W	2	W	1	10	10	—	☉ 11a.—8p.
30	29°624	29°569	57°5'	54°4'	54°2'	63°7'	*411	*394	86	93	E	1	S	1	10	10	*550	☉ 11a.—8p.
Means	29°923	29°908	58°2'	52°7'	48°1'	64°5'	*350	*336	71°8	83°6	2°2	1°9	7°6	8°3	1°500	*350	—	—

GLENALMOND.

Height above Mean Sea Level, 529 feet. Long. $3^{\circ} 40' W.$ Lat. $56^{\circ} 27' N.$

JUNE 1880.

JUNE 1887.																		
1	30°453	30°473	48°4	48°4	43°6	61°4	*237	*242	65	72	E	1	Calm	0	3	0	—	Fine day.
2	*434	*312	60°2	51°2	46°1	67°3	*272	*249	53	66	E	4	E	1	2	0	—	Fine day. 1½ hours of sunshine.
3	*145	*075	60°4	45°0	39°3	69°4	*322	*224	61	75	Calm	0	NE	1	1	2	*065	
4	30°067	30°053	48°7	45°0	39°5	49°9	*226	*206	66	69	N	3	NW	2	3	4	—	
5	29°935	29°798	49°9	51°7	42°6	57°0	*266	*303	75	79	WSW	2	SW	2	10	10	—	
6	*678	*657	51°8	43°4	40°9	66°7	*266	*267	70	78	SW	3	SSW	1	7	2	*001	
7	*485	*503	50°3	46°0	38°0	57°7	*334	*227	92	74	WNW	2	WSW	1	7	5	—	
8	*575	*661	51°1	43°1	37°0	55°7	*252	*276	68	99	NE	1	W	3	9	10	*126	7a. Snow on hills p.
9	*706	*753	52°6	45°0	38°2	59°1	*261	*251	66	84	E	1	E	3	3	9	*075	Distant T.
10	*834	*882	51°4	45°2	40°8	59°1	*294	*271	78	90	ESE	1	Calm	0	8	2	—	
11	*928	*931	59°1	48°1	42°1	63°7	*257	*308	51	92	NE	1	ENE	2	1	1	—	Fine day.
12	*919	*898	54°9	55°9	44°6	67°0	*326	*369	76	83	SW	1	S	2	8	10	—	7a.
13	29°917	29°999	55°8	54°2	53°2	58°4	*362	*361	81	86	SSE	1	Calm	0	10	9	*084	
14	30°130	30°245	52°8	52°8	9°2	65°9	*343	*343	85	85	SSE	1	Calm	0	7	4	—	Fine day.
15	*262	*319	62°4	55°1	43°8	67°4	*299	*279	53	65	ENE	1	NE	2	1	9	*052	Fine a. Cloudy p. Wind rising p.
16	*309	*384	64°9	56°3	50°2	71°1	*311	*361	50	79	NE	3	ENE	1	5	3	—	Bright day. Strong upper wind.
17	*384	30°381	65°1	53°7	46°9	69°8	*412	*321	67	78	ESE	2	Calm	0	3	1	—	Calm day. Sky very dark blue.
18	30°219	29°986	61°9	51°5	43°9	69°9	*348	*342	62	90	ENE	1	E	2	3	10	—	Dull.
19	29°911	*786	55°2	53°5	49°5	66°1	*345	*341	79	83	ESE	2	NE	3	10	8	*071	7a. (mist) before 9a. Dull day.
20	*772	*666	52°9	54°8	50°4	58°7	*402	*409	100	95	ESE	2	NE	2	10	10	*076	
21	*636	*706	53°6	55°2	53°6	65°9	*412	*430	100	99	Calm	0	Calm	0	10	10	—	
22	*765	*793	58°4	56°0	52°1	66°7	*408	*399	85	89	Calm	0	Calm	0	10	10	—	Mild day.
23	*752	*727	57°4	53°9	53°3	66°7	*406	*387	86	93	Calm	0	Calm	0	10	10	—	
24	*735	*811	51°0	49°7	49°7	66°0	*369	*313	99	88	Calm	0	Calm	0	10	10	—	7a.
25	*788	*798	59°0	54°7	42°1	73°0	*391	*405	78	94	Calm	0	Calm	0	6	7	—	Distant T.
26	29°833	*969	56°1	52°9	50°6	67°0	*393	*375	87	94	Calm	0	SSW	5	10	8	*026	Fine day.
27	30°008	*827	59°4	58°4	48°9	60°0	*373	*479	74	99	SW	4	SSW	5	10	10	*297	
28	29°847	*874	61°9	58°9	57°1	66°7	*467	*433	85	88	S	3	S	3	10	10	*027	
29	*783	*748	63°9	59°0	56°1	67°1	*407	*467	69	94	SSW	2	Calm	0	10	10	*682	
30	29°640	29°638	56°2	56°2	54°3	59°9	*446	*443	99	98	NE	1	Calm	0	10	7	*392	
Means	29°928	29°922	56°2	51°8	46°7	63°6	*340	*334	75°2	85°3	1°4		1°3	6°9	6°4	1°974		

ROTHESAY.

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

JUNE 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°0	52°5	44°1	63°1	in.	in.	%	%					ins.	
2	30°452	30°463	52°0	52°5	44°1	63°1	274	287	71	73	NE	NE	—	—	—	
3	422	293	61°1	57°9	43°1	70°0	315	280	59	58	NE	NE	—	—	—	
4	171	055	61°1	54°0	45°1	71°3	393	315	57	75	SW	NE	—	—	016	
5	30°113	30°088	52°5	47°0	40°1	60°6	258	218	66	68	NNW	NW	—	—	010	Breezy.
6	29°987	29°883	47°6	50°2	42°6	54°2	335	364	99	100	NW	W	—	—	206	
7	769	722	51°5	47°3	40°1	55°5	322	276	84	85	W	W	—	—	020	gale.
8	528	610	49°3	46°1	43°6	56°6	277	258	79	83	W	NW	—	—	155	Blow, with cold showers.
9	618	698	49°6	46°7	40°6	58°0	284	266	80	84	SW	NE	—	—	006	
10	736	769	52°0	46°3	39°6	61°4	274	245	71	78	SW	NW	—	—	—	
11	848	893	56°5	48°0	39°6	62°1	320	272	70	82	E	NW	—	—	—	
12	940	909	60°9	52°0	37°6	66°1	294	270	55	70	SE	S	—	—	—	Clear and warm.
13	876	29°858	54°8	54°0	45°6	59°0	309	412	72	99	SSE	E	—	—	090	
14	29°886	30°056	53°0	50°5	49°1	60°1	403	334	100	91	S	NW	—	—	079	
15	30°169	243	57°9	54°0	44°6	64°3	348	344	72	82	N	NW	—	—	—	
16	296	314	64°1	57°9	46°1	73°0	383	348	64	72	NE	E	—	—	015	Clear and warm.
17	298	358	62°4	59°2	53°1	74°0	422	360	75	72	NE	NE	—	—	—	
18	372	30°308	66°2	58°9	52°1	71°0	465	358	73	73	E	NE	—	—	—	Clear and blowy.
19	30°198	29°958	60°9	58°9	49°1	73°3	349	498	65	100	NE	E	—	—	—	
20	29°852	716	60°9	57°9	50°1	72°5	387	398	73	83	NE	NE	—	—	—	
21	684	605	58°2	57°2	53°1	64°6	430	450	88	96	E	ENE	—	—	266	
22	601	795	58°9	54°0	53°1	68°0	438	394	89	94	ESE	Calm	—	—	—	T to E. Noon.
23	771	770	65°9	61°5	50°6	73°0	450	433	72	80	NE	Calm	—	—	090	T to E. and N.
24	745	716	58°5	57°9	55°1	64°1	460	471	94	98	NE	NW	—	—	096	
25	735	786	59°9	56°9	50°1	69°0	404	439	79	95	NE	NW	—	—	—	
26	821	29°829	59°9	55°5	47°1	67°1	424	392	83	89	SSE	NW	—	—	—	∞.
27	29°894	30°032	56°9	53°0	48°1	63°1	370	352	80	87	WNW	NW	—	—	—	
28	30°005	29°879	56°5	59°9	48°1	63°1	387	516	85	100	S	SW	—	—	405	
29	927	949	59°5	57°9	54°6	60°6	506	468	99	98	SW	W	—	—	316	
30	845	767	58°9	58°1	51°6	65°1	498	484	100	100	WSW	W	—	—	882	
30	29°653	29°638	58°9	56°6	54°6	65°7	498	386	100	84	WSW	WNW	—	—	022	
Means	29°940	29°928	57°5	54°3	47°3	65°0	373	393	78°5	85°0	—	—	—	—	2°665	

PINMORE (AYRSHIRE).

Height above Mean Sea Level, 187 feet. Long. $4^{\circ} 59'$ W. Lat. $55^{\circ} 14'$ N.

JUNE 1880.

1	30° 38'1	30° 40'9	51° 0	49° 2	45° 3	52° 1	*313	*335	84	96	NE	NE	—	—
2	*361	30° 25'9	54° 8	54° 9	46° 2	58° 1	*339	*273	79	63	NE	NE	—	—
3	*126	29° 9'71	57° 5	53° 9	35° 5	63° 4	*271	*351	57	85	NE	NE	—	*010
4	30° 07'5	30° 05'6	62° 1	47° 0	47° 2	69° 0	*313	*220	56	67	NW	NW	—	*140
5	29° 9'97	29° 8'6	49° 0	49° 3	38° 4	61° 1	*338	*311	97	89	NW	NW	—	*590
6	*780	*773	49° 9	48° 9	33° 5	56° 1	*299	*273	84	79	NW	NW	—	*320
7	*535	*650	47° 9	45° 9	42° 4	56° 1	*293	*262	89	86	SW	NW	—	*050
8	*605	*667	53° 0	44° 9	40° 4	59° 1	*257	*207	64	90	NW	NW	—	—
9	*717	*768	54° 4	42° 0	32° 5	60° 1	*250	*239	60	90	W	N	—	—
10	*814	*876	59° 3	43° 5	30° 5	64° 8	*369	*223	74	79	S	NW	—	—
11	*905	*944	61° 6	44° 0	30° 5	66° 0	*341	*246	62	85	S	SW	—	—
12	*874	29° 8'59	56° 4	54° 4	42° 4	63° 1	*314	*400	69	95	SW	SE	—	*080
13	29° 8'93	30° 0'15	53° 7	49° 8	49° 8	59° 4	*387	*340	94	95	S	SW	—	*100
14	30° 1'62	*229	49° 8	60° 0	42° 4	66° 0	*327	*390	91	75	N	NW	—	—
15	*267	*285	65° 0	54° 1	46° 2	70° 9	*386	*305	62	73	SE	E	—	—
16	*238	*249	60° 6	58° 2	50° 1	75° 5	*439	*454	83	93	NE	NE	—	—
17	*810	30° 25'2	71° 5	62° 1	52° 0	78° 9	*448	*336	58	60	NE	SW	—	—
18	30° 13'30	29° 9'25	74° 5	58° 0	46° 2	80° 1	*474	*383	56	79	SW	S	—	—
19	29° 8'80	*658	62° 0	61° 1	43° 4	75° 9	*396	*489	72	91	S	S	—	—
20	*634	*579	62° 9	60° 0	53° 0	73° 0	*450	*472	79	92	SE	S	—	*100
21	*592	*673	59° 9	53° 3	53° 0	69° 0	*442	*359	87	88	S	W	—	—
22	*729	*760	71° 9	60° 2	41° 4	71° 9	*461	*438	58	85	W	NW	—	*280
23	*734	*708	58° 5	55° 9	54° 0	69° 0	*438	*382	90	86	NW	SW	—	—
24	*701	*777	64° 8	57° 0	50° 4	67° 0	*469	*422	77	91	NE	NW	—	*110
25	*798	29° 7'98	57° 0	54° 9	50° 0	65° 0	*394	*373	85	87	N	NW	—	—
26	29° 8'87	30° 0'37	57° 0	51° 8	45° 3	63° 1	*380	*341	82	88	NW	NW	—	—
27	30° 0'14	29° 9'43	61° 1	61° 3	41° 8	61° 3	*372	*469	70	87	NW	W	—	*210
28	29° 9'42	*985	61° 3	61° 1	54° 0	66° 0	*486	*489	90	91	W	W	—	*650
29	*850	*788	59° 0	59° 5	57° 0	64° 1	*487	*477	98	94	W	W	—	*420
30	29° 6'68	29° 6'75	59° 2	54° 4	53° 0	64° 1	*471	*377	94	90	SW	NW	—	*030
Menus	29° 9'17	29° 9'14	58° 9	53° 7	44° 9	65° 7	*380	*357	76° 7	85° 0	—	—	—	3° 150

SCALEBY (NEAR CARLISLE).

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

JUNE 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	56.8	52.6	39.6	64.0	in.	in.	%	%	E 4	NE 4	2	1	ins.	
2	30.359	30.335	56.8	51.3	42.3	64.8	27.0	23.6	61	60	E 3	Calm	8	7	—	
3	286	176	59.8	52.3	45.0	72.5	30.5	28.8	60	74	E 3	E 5	3	9	0.40	
4	30.023	30.016	48.3	46.8	43.2	59.8	23.4	23.8	70	75	N 4	E 1	5	3	—	
5	29.955	29.909	56.6	51.8	34.5	59.0	37.1	33.0	81	85	N 3	NW 4	1	10	2.20	
6	702	733	56.1	47.3	45.0	59.6	30.6	26.5	69	82	W 5	W 4	3	1	3.40	
7	602	47.8	46.8	44.0	37.0	57.0	30.5	24.9	92	78	SW 1	W 5	10	1	1.50	
8	605	655	52.8	45.8	43.0	61.5	24.3	28.1	61	92	SW 1	Calm	1	10	0.80	
9	745	745	52.8	47.8	38.9	61.8	28.8	26.0	72	78	Calm	Calm	5	1	—	
10	804	907	56.8	49.8	36.0	65.0	31.1	29.4	67	82	Calm	SE 2	0	0	—	
11	914	922	58.3	53.8	41.5	67.0	35.6	33.1	74	79	SW 1	Calm	0	0	—	
12	917	29.943	58.8	56.8	43.5	70.0	34.9	40.0	71	86	SE 2	Calm	1	10	0.05	
13	29.902	30.013	64.3	55.8	52.0	69.0	40.4	41.3	67	92	SW 3	Calm	7	10	0.06	
14	30.120	226	56.6	55.8	51.0	63.2	40.0	33.3	88	75	Calm	NE 2	10	7	—	
15	218	224	61.8	50.8	43.0	64.8	30.8	34.3	56	92	SW 5	NE 5	0	10	0.80	
16	210	270	56.6	52.8	50.0	67.0	40.3	39.7	87	99	NE 5	NE 5	10	10	0.40	
17	275	30.301	65.8	52.8	52.0	72.0	40.1	34.3	64	85	NE 4	NE 4	1	0	—	
18	30.142	29.893	61.8	56.8	45.2	72.0	35.5	40.0	64	86	NE 3	E 2	3	0	—	
19	29.862	705	55.3	57.0	48.0	70.0	37.7	44.1	86	94	E 6	E 3	7	8	0.60	
20	627	599	62.3	57.8	53.2	72.0	54.1	44.4	96	92	NE 4	NE 4	1	1	—	
21	524	683	65.8	58.3	54.5	69.0	42.8	43.7	68	90	NE 4	Calm	8	3	—	
22	736	755	64.8	58.5	48.0	68.6	44.1	44.9	73	92	Calm	Calm	10	10	3.30	
23	684	690	59.8	56.8	54.0	67.2	46.2	42.6	90	92	Calm	Calm	10	10	1.10	
24	703	775	58.0	55.8	53.1	67.5	42.7	38.4	88	86	Calm	Calm	10	10	—	
25	793	775	58.3	59.8	48.0	71.5	35.1	44.6	73	87	Calm	Calm	10	1	—	
26	29.840	979	57.8	56.8	47.5	64.1	43.0	42.8	89	92	Calm	W 1	10	2	—	
27	30.041	961	61.8	57.8	47.0	65.5	44.9	47.5	82	99	SW 1	SW 4	4	10	0.70	
28	29.987	964	60.8	59.8	57.0	65.5	49.4	51.1	93	99	W 5	W 1	10	10	1.70	
29	877	824	59.8	57.8	57.8	60.0	49.4	44.4	96	92	W 5	Calm	10	10	4.00	Wheat in ear.
30	29.690	29.609	57.8	57.8	54.0	63.0	47.5	41.5	99	86	SW 3	SW 1	10	10	0.10	
Means	29.903	29.907	58.4	54.1	47.1	65.8	37.8	36.6	76.9	85.9	2.5	1.9	5.7	5.8	2.210	

DURHAM.

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

JUNE 1880.

Day.	10 a.m.		10 p.m.		Min.		Max.		10 a.m.		10 p.m.		10 a.m.		10 p.m.		Remarks.
	10 a.m.	10 p.m.	10 a.m.	10 p.m.	Min.	Max.	10 a.m.	10 p.m.	10 a.m.	10 p.m.	10 a.m.	10 p.m.	10 a.m.	10 p.m.	10 a.m.	10 p.m.	
1	30.307	30.336	55.5	49.2	47.3	59.1	35.2	30.6	80	88	NE 1.4	NE 2.0	6	10	—		
2	274	30.189	53.1	48.6	44.8	56.9	32.6	32.7	80	96	NNE 1.8	N 1.1	10	10	0.86		
3	30.080	29.978	52.3	46.9	44.8	59.4	32.7	29.5	83	93	NE 3.3	N 2.7	9	10	0.05		
4	29.978	967	45.1	40.0	39.3	52.2	25.4	20.9	85	85	N 4.1	NNW 1.1	10	0	0.13		Squally a.
5	808	794	56.4	50.7	38.6	61.9	29.7	32.0	65	89	NW 0.8	WNW 2.3	6	10	0.30		
6	686	697	58.8	46.0	45.1	65.4	36.7	29.7	74	96	NW 1.5	WNW 2.2	5	4	1.83		
7	500	593	49.8	42.7	42.5	60.8	33.0	25.2	92	92	NW 0.5	WSW 2.5	10	0	1.22		
8	588	689	56.0	39.0	38.3	60.0	30.2	22.4	67	94	NW 0.7	SW 0.2	7	0	0.40		
9	712	765	56.0	42.9	36.9	61.4	31.7	25.7	70	93	NE 1.3	SSE 0.3	9	9	0.62		
10	810	904	59.2	48.2	35.6	66.4	29.3	32.3	58	96	Calm	Calm	5	10	—		
11	959	974	55.3	41.3	40.0	62.5	35.6	25.3	81	98	ESE 0.3	SE 0.3	10	0	—		
12	971	29.965	57.1	54.8	40.6	68.4	37.3	36.8	80	86	SSE 0.9	S 0.7	2	10	—		
13	29.929	30.024	68.0	55.9	48.5	71.4	45.6	41.9	66	93	S 2.4	NW 0.1	8	10	0.09		
14	30.105	175	54.5	50.4	50.3	56.8	39.6	38.4	94	79	N 0.9	NNW 1.2	10	10	—		
15	165	142	53.8	50.7	47.4	55.0	30.6	36.5	74	99	N 3.5	N 2.8	10	10	0.22		
16	201	250	53.5	51.7	48.6	54.8	37.0	38.1	91	99	NE 3.5	NE 2.7	10	10	0.70		
17	317	30.232	60.6	47.3	46.4	62.5	41.5	31.7	79	97	NE 2.0	NE 0.7	8	0	—		
18	30.136	29.962	59.9	49.1	41.6	64.1	38.9	34.7	76	99	NE 1.4	Calm	1	10	—		
19	29.827	720	56.8	53.3	46.4	62.0	41.1	40.5	89	99	NE 0.7	Calm	0	10	2.50		
20	649	602	62.3	55.3	52.2	66.4	49.3	43.2	88	99	NE 0.5	NE 0.5	4	10	—		
21	609	683	65.3	57.2	53.4	73.3	45.5	42.9	74	91	SSE 0.6	NE 0.1	8	0	—		
22	738	746	62.7	55.2	48.3	73.5	44.4	42.8	79	98	NE 0.2	NE 0.3	7	10	1.02		
23	713	697	58.4	52.3	51.9	60.8	42.7	38.7	87	99	N 0.4	Calm	0	10	0.10		
24	721	797	54.5	46.0	44.1	57.9	36.8	29.9	87	97	NNE 0.4	W 0.4	10	10	—		
25	807	29.806	62.0	48.3	44.7	70.8	41.3	33.3	75	99	S 0.5	S 0.3	5	0	—		
26	29.847	30.021	63.2	50.9	43.2	66.5	44.4	34.0	77	91	NW 0.8	W 0.5	10	0	0.70		
27	30.040	29.963	64.1	60.0	48.1	69.5	38.3	45.3	64	88	W 1.4	SW 3.3	10	10	—		
28	29.984	971	64.3	58.3	58.3	69.9	46.9	45.2	78	93	SW 2.4	SW 0.9	10	8	—		
29	893	773	64.7	56.9	56.5	68.5	47.3	41.2	78	89	SW 2.4	SSW 2.3	10	10	—		
30	29.663	29.613	61.7	56.1	54.5	75.4	43.7	43.0	80	95	SSW	Calm	0	9	—		
Means	29.906	29.902	58.2	50.2	45.8	63.8	38.1	34.5	78.4	93.7	1.4	1.1	8.0	7.0	2.619		

DOUGLAS, ISLE OF MAN.

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

JUNE 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	53.6	56.0	45.1	61.3	in.	in.	%	%	NE 4	NE 4	3	7	ins.	☼ (mist) ga.
2	30.344	30.325	53.6	56.0	45.1	61.3	31.5	28.9	70	64	NE 4	NE 4	3	7	—	
3	273	30.167	56.3	53.3	51.4	64.2	28.8	30.8	63	75	NE 5	NNE 5	8	9	0.16	
4	094	29.961	59.0	52.5	51.2	68.0	28.7	30.5	57	92	NNE 5	NW 6	2	9	0.75	☼ p.
5	062	30.048	51.8	47.0	45.3	55.4	24.8	28.4	65	89	N 4	NW 4	2	2	—	
6	30.045	29.926	48.5	51.8	45.0	53.3	29.7	34.1	87	88	WNW 4	WNW 2	9	10	3.04	
7	29.835	793	53.9	47.8	47.8	57.4	33.4	28.3	80	86	NW 5	NW 1	4	4	3.35	
8	567	661	49.8	45.6	44.2	55.0	28.8	28.1	81	92	NNW 4-5	Calm	0	6	3.05	☼ noon.
9	601	698	47.8	44.4	41.8	53.7	29.6	27.6	89	95	Calm	Calm	10	2	0.40	
10	736	788	54.7	44.8	35.9	56.6	31.6	25.7	73	87	SE 2	Calm	0	6	0.21	☼ 2 3.15p.—3.25p. ☼ 9p.
11	835	864	55.8	45.1	35.2	57.6	31.2	27.4	70	91	SE 3	Calm	0	2	4	☼ 1p. ☼ 9p.
12	928	944	57.0	49.0	35.3	59.7	34.1	26.1	73	75	E 3	Calm	0	0	3	—
13	922	899	56.2	53.3	40.4	57.5	35.7	40.8	79	100	SE 3	S 4	7	10	3.70	
14	29.917	29.990	52.2	53.7	52.1	54.2	39.1	37.0	100	89	SE 2	E 1	10	9	2.21	☼ 7a.—2p. ☼
15	30.143	30.206	57.8	53.0	49.6	61.8	39.5	35.5	82	88	NW 4	NNW 4	4	6	—	
16	252	205	63.2	55.0	49.3	65.1	38.5	37.0	66	86	NNW 3	N 3	3	8	0.35	
17	142	243	59.4	55.2	49.0	65.6	41.7	37.3	83	86	NE 7-8	NE 3	4	9	—	☼ with squalls a.
18	245	30.199	64.8	62.7	55.0	70.5	41.0	36.3	67	65	NE 3-4	E 5	3	0	—	☼ (mist) ga. ☼ p.
19	30.113	29.863	65.8	62.1	54.6	70.3	35.2	39.9	56	69	ENE 3	E 3	0	4	—	
20	29.757	619	64.8	57.4	53.1	68.8	32.0	42.6	53	89	E 3	E 3	3	6	1.30	☼ 0. 2 showers 2p.—6p.
21	612	518	59.0	57.8	54.9	62.3	41.3	44.6	83	93	E 2	E 2	10	8	2.76	☼ 0p.
22	596	675	55.8	54.6	50.6	62.8	42.2	39.8	94	93	S 1	Calm	0	10	4	☼ ga. ☼ p.
23	746	746	63.4	56.1	47.4	68.8	44.7	41.2	77	91	SE 2	Calm	0	2	7	☼ p.
24	728	711	54.5	54.6	51.1	63.0	39.6	42.7	94	100	Calm	Calm	0	10	6	☼ (mist) ga. ☼ 9p.
25	713	726	61.2	56.3	54.6	65.0	44.6	42.1	83	92	SSW 2	Calm	0	9	7	☼ a.
26	813	29.790	58.4	54.8	47.9	63.8	41.5	37.3	85	88	SE 2	NNW 2	10	6	—	☼ (mist) ga.
27	29.903	30.041	57.0	51.2	63.2	37.4	39.7	73	85	WNW 2	NW 1	9	9	—		
28	30.061	29.990	61.4	56.2	45.0	62.0	35.9	41.2	66	90	WSW 3-4	WSW 4	8	10	5.10	
29	30.039	993	58.0	56.4	55.8	62.6	46.0	43.7	95	97	WSW 3	SW 4	10	7	0.85	
30	29.948	827	56.5	54.0	54.0	60.1	43.3	40.0	95	96	SW 3	WSW 1	10	10	0.20	
30	29.712	29.676	58.6	56.4	52.7	63.8	45.1	41.6	92	92	SW 3-4	Calm	0	10	0.30	
Means	29.923	29.905	57.3	53.5	48.2	61.8	36.6	36.0	77.9	87.4	3.1	2.1	6.1	6.3	2.573	

KELSTERN.

Height above Mean Sea Level, 388 feet. Long. 0° 7' W. Lat. 53° 24' N.

JUNE 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	49°	44°	58°	in.	in.	79	93	NNE 3	NNE 3	8	10	ins.	
2	30°299	30°217	53°	49°	44°	58°	318	324	79	93	NNE 3	NNE 3	8	10	304	
3	30°197	30°097	49°	47°	47°	51°	322	324	93	98	NE 2	NE 2	10	10	508	
4	29°979	29°924	49°	47°	46°	50°	343	331	99	100	NNE 3	N 3	10	10	181	
5	927	991	47°	46°	45°	53°	278	270	86	88	NNE 3	NE 3	9	6	030	
6	966	888	51°	49°	36°	61°	246	242	65	68	NNW 4	WNW 3	5	10	134	
7	770	796	54°	46°	46°	63°	361	264	85	80	WNW 3	WNW 3	9	3	240	p.
8	534	680	45°	46°	44°	56°	305	262	99	85	WSW 2	W 3	10	4	038	
9	709	658	50°	43°	41°	54°	289	262	80	91	WSW 3	NW 4	8	8	396	T p.
10	794	783	52°	47°	37°	58°	267	298	67	93	S 1	S 1	3	9	185	T p.
11	846	914	56°	49°	39°	58°	330	336	71	95	SSE 1	ESE 1	5	10	200	T p.
12	29°964	29°988	49°	48°	45°	56°	321	321	90	93	E 1	NE 1	10	10	—	
13	30°009	30°009	55°	50°	43°	65°	366	336	84	93	NE 1	SE 1	9	0	—	
14	29°996	30°012	62°	57°	47°	69°	422	382	77	82	SW 1	NW 1	2	3	—	Very fine day.
15	30°073	30°073	59°	51°	49°	62°	413	358	83	93	NNE 1	N 2	10	6	115	
16	097	036	51°	50°	48°	52°	366	366	98	98	NW 3	NNE 3	10	10	493	all day.
17	234	30°254	55°	51°	50°	64°	415	340	93	88	NE 3	ENE 2	10	10	—	a. and p.
18	30°128	29°969	50°	47°	47°	59°	340	328	92	98	N 1	NNE 1	10	10	060	all day.
19	29°789	702	54°	55°	46°	64°	418	412	98	95	E 1	E 1	10	4	234	a.
20	662	624	62°	57°	48°	67°	399	449	72	97	E 2	Calm	5	5	028	ga. and op.
21	720	720	57°	56°	51°	63°	443	409	93	91	S 1	S 1	9	7	—	p. T
22	744	764	65°	57°	51°	70°	433	416	69	87	SE 1	NE 1	2	10	074	(mist) a.
23	740	718	57°	55°	54°	63°	446	428	93	97	W 1	Calm	10	10	940	a.
24	722	800	56°	52°	52°	59°	437	381	97	95	Calm	E 1	10	10	096	T p.
25	844	29°851	56°	49°	49°	61°	346	329	77	92	WNW 1	SSE 1	10	1	—	
26	29°883	30°019	61°	54°	45°	69°	431	373	81	88	SW 1	W 1	7	2	—	before ga. Very fine p.
27	30°122	120	62°	59°	51°	69°	413	399	73	77	W 1	W 3	7	9	020	
28	30°099	30°113	62°	59°	56°	68°	460	430	82	84	W 4	WSW 2	9	9	—	
29	29°998	29°863	64°	54°	54°	72°	475	401	78	93	W 3	SW 1	8	1	—	
30	29°768	29°681	62°	58°	50°	68°	410	446	72	87	SW 1	Calm	7	7	—	
Means	29°921	29°918	55°	51°	47°	61°	374	353	84°	90°	1°	1°	8°	6°	4°	276

LLANDUDNO.

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

JUNE 1880.

1	30°319	30°270	53°	54°	48°	57°	287	287	71	68	E 3	E 3	3	10	020	
2	225	30°155	53°	53°	51°	57°	307	318	74	77	E 4	NE 5	10	10	010	Dull and windy.
3	070	29°967	53°	53°	51°	61°	293	304	73	87	E 1	SE 0°	10	4	—	Very fine.
4	013	30°066	51°	49°	47°	54°	235	269	62	77	E 4	E 3	5	0	010	Very fine.
5	30°086	29°987	50°	52°	47°	54°	253	345	70	89	N 2	NW 3	9	10	335	Miserably cold.
6	29°879	864	55°	54°	50°	59°	360	285	83	76	WNW 2	W 3	9	1	225	
7	589	729	48°	49°	46°	56°	293	307	86	87	N 1	NW 5	10	5	165	Squally p.
8	633	743	46°	47°	45°	51°	286	269	91	82	S 1	W 2	10	0	360	
9	742	777	52°	47°	41°	55°	266	277	69	87	W 0°	N 0°	10	0	055	T a. Fine after 3p.
10	839	894	54°	48°	41°	55°	312	290	74	86	N 1	N 1	1	5	010	T p.
11	939	953	56°	53°	42°	60°	333	298	74	81	N 1	NE 1	0	0	—	Very fine.
12	932	29°940	61°	58°	45°	67°	323	393	58	81	SW 0°	SW 1	1	10	—	
13	29°921	30°023	57°	55°	55°	59°	365	409	78	94	S 1	W 0°	10	10	240	
14	30°153	205	54°	54°	51°	60°	345	365	82	87	N 2	N 1	10	10	—	
15	240	202	57°	54°	52°	63°	333	369	71	88	NE 3	N 3	0	10	190	
16	102	174	56°	56°	51°	58°	396	410	87	91	NE 2	NE 7	10	10	—	in afternoon. Squally op.
17	234	30°183	58°	59°	55°	66°	439	430	90	85	E 1	E 3	10	0	—	a. Very fine p.
18	30°085	29°856	61°	62°	53°	68°	382	369	72	66	E 1	E 0°	0	0	—	Very fine.
19	29°730	634	58°	56°	53°	62°	399	410	82	91	E 3	E 0°	10	4	490	a. T from 1p.
20	591	528	56°	59°	54°	66°	439	453	96	91	E 0°	E 0°	10	10	204	T
21	599	671	64°	57°	56°	65°	447	422	74	89	S 0°	E 0°	4	9	020	
22	750	782	64°	57°	53°	60°	444	396	74	85	W 1	W 1	1	9	—	Very fine a. Dull p. Distant T.
23	736	720	61°	55°	52°	66°	428	394	81	89	W 1	W 1	9	3	—	Very fine.
24	720	791	61°	58°	52°	65°	439	394	81	82	W 0°	W 1	9	10	—	Very fine a. Dull p.
25	801	29°831	60°	57°	56°	60°	439	428	86	92	WNW 0°	N 0°	10	10	—	∞ p.
26	29°922	30°063	60°	57°	54°	65°	375	377	72	81	WNW 1	WNW 0°	9	0	—	Very fine.
27	30°116	082	65°	59°	54°	67°	419	454	66	89	W 2	W 4	8	10	146	
28	30°102	30°090	61°	59°	58°	63°	479	467	88	94	SW 1	W 3	10	10	110	Squally p.
29	29°981	29°867	61°	57°	56°	64°	437	366	80	77	W 3	W 1	6	9	—	Very fine.
30	29°767	29°701	61°	57°	56°	66°	443	446	82	93	W 2	W 1	10	10	—	Sea passed over a. and p.
Means	29°927	29°925	57°	55°	51°	61°	367	367	77°	84°	1°	1°	7°	6°	2°	590

BUXTON.

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

JUNE 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	49°	40°	50°	in.	in.	79	100	E 1	E 3	9	8	ins.	T p. T p. ga. and p. T p. K p. T p. T p.	
2	30°220	30°229	45°	49°	40°	50°	289	356	97	100	NE 1	E 1	9	10	360		
3	155	30°158	53°	47°	41°	54°	307	301	76	94	NE 1	E 1	9	10	—		
4	30°055	29°053	49°	40°	40°	57°	317	254	90	100	ESE 1	NE 1	7	8	—		
5	29°994	980	45°	51°	40°	59°	280	346	94	92	NE 1	NE 1	10	5	—		
6	30°010	957	52°	48°	45°	55°	345	312	88	94	ENE 1	NW 2	3	10	720		
7	29°829	832	49°	46°	44°	58°	335	280	97	90	NW 2	WNW 1	10	3	580		
8	485	739	43°	45°	40°	56°	274	243	98	81	NW 1	NW 1	10	7	—		
9	658	645	47°	46°	41°	60°	272	319	84	100	NW 1	NW 1	8	10	—		
10	742	781	49°	44°	38°	58°	342	294	98	99	NW 2	NW 1	3	10	—		
11	832	904	54°	45°	33°	60°	401	270	284	65	94	NW 1	NW 1	9	10		—
12	924	29°979	46°	45°	34°	59°	304	297	96	99	NW 1	NW 1	6	5	—		
13	29°976	30°005	51°	53°	35°	67°	295	357	79	88	NW 1	NW 1	5	1	—		
14	30°043	040	48°	54°	46°	66°	334	396	99	92	NW 1	WNW 1	10	10	030		
15	080	205	55°	53°	49°	60°	400	332	92	79	NW 1	NW 1	10	10	—		
16	179	130	54°	50°	48°	59°	297	331	71	91	NW 1	NE 3	10	9	120		
17	072	276	54°	48°	42°	56°	295	295	97	89	NE 2	ENE 1	10	10	480		
18	325	30°226	50°	55°	46°	70°	318	344	88	78	NE 1	ENE 2	6	5	—		
19	30°024	29°927	61°	55°	46°	69°	356	345	67	79	ESE 1	ESE 1	4	0	—		
20	29°803	691	55°	57°	43°	61°	381	461	88	98	ESE 1	ESE 1	9	10	280		
21	643	584	56°	55°	46°	62°	424	433	93	100	ESE 2	E 1	10	3	060		
22	651	711	49°	55°	49°	62°	299	424	87	98	E 1	ESE 1	9	9	—		
23	739	800	67°	55°	45°	70°	401	428	61	98	E 1	E 1	5	10	080		
24	791	741	59°	55°	50°	64°	342	373	99	86	E 1	ESE 1	4	1	—		
25	730	779	65°	60°	50°	65°	386	397	89	96	ESE 1	ESE 1	10	10	—		
26	834	878	56°	58°	49°	64°	418	366	92	76	ESE 1	NE 1	10	6	050		
27	29°908	29°993	55°	59°	46°	64°	377	428	88	92	NE 1	NW 1	10	10	190		
28	30°105	30°154	53°	59°	50°	67°	401	500	99	100	NW 1	NW 2	10	10	120		
29	30°080	30°102	60°	60°	49°	65°	511	381	99	73	WNW 1	NW 1	10	10	200		
30	29°913	29°808	57°	57°	49°	70°	469	401	100	84	NW 1	NW 1	6	8	—		
31	29°636	29°587	58°	50°	40°	64°	437	360	91	99	NW 1	NW 1	10	6	—		
Means	29°915	29°926	53°	52°	44°	62°	358	358	88	91	1	1	8	7	3	270	

UPPINGHAM.

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

JUNE 1880.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	54.3	48.8	43.0	58.2	in.	in.	88	100	NE 3	NE b.N 2	9	10	ins.	Dull all day.
2	30.128	30.072	48.8	48.3	48.0	51.6	34.0	32.7	99	97	NE b.N 3	NE b.N 3	10	10	1.120	
3	29.953	29.912	48.8	48.0	47.3	51.6	34.3	34.5	99	99	NNE 2	NNE 2	10	10	1.100	
4	30.181	30.009	48.7	42.4	42.4	53.6	27.7	25.4	81	94	NNE 4	N b.W 1	10	0	0.117	
5	30.081	29.938	54.8	49.1	37.1	58.8	33.2	34.4	77	98	NWB.W 1	NWB.W 4	5	10	1.171	Wind rising all day and slowly backing.
6	30.835	30.836	52.4	49.8	48.1	60.9	36.3	28.8	92	81	W b.N 3	W 3	10	3	1.172	
7	30.511	30.730	49.2	45.8	45.3	59.4	34.8	28.4	99	93	SW 5	W by S 2	10	6	1.122	T 10a.—Noon.
8	30.725	30.711	50.0	45.5	42.2	57.6	30.4	27.0	85	89	sw b.W 2	W 5	10	2	0.080	
9	30.784	30.770	52.8	47.1	39.0	57.5	34.8	29.7	87	92	sw b.W 1	SW 1	9	7	1.137	
10	30.819	30.863	60.1	50.1	42.1	64.1	36.6	30.6	71	84	ESE 1	W by S 1	7	8	—	Δ 2.30p.
11	29.925	29.959	54.9	48.9	46.1	65.5	33.9	32.2	78	93	NE 2	NE b.N 1	10	0	—	∞ or 2.30p. 6.30a.
12	30.013	29.996	48.4	54.9	41.9	68.7	32.3	36.7	95	85	Calm 0	Calm 0	10	0	—	∞ or 2.30p. 6.30a.
13	29.997	30.006	62.9	55.7	48.2	70.4	38.1	38.2	86	86	W by S 3	NW 1	4	2	—	∞ or 2.30p. 6.30a.
14	30.054	30.130	63.7	54.8	50.9	70.9	44.7	40.2	75	94	NW 1	N by E 1	9	9	0.015	∞ or 2.30p. 6.30a.
15	30.110	30.022	52.6	50.8	47.6	55.2	34.8	30.4	88	98	NWB.N 3	N by E 3	10	10	0.209	Wind gusty.
16	30.984	30.147	53.9	54.8	50.6	55.8	41.1	42.2	99	98	NNE 3	ENE 3	10	10	0.091	∞ or 2.30p. 6.30a.
17	30.181	30.172	56.5	55.0	52.7	71.9	44.7	39.7	98	92	NE 2	NE 2	10	5	—	∞ or 2.30p. 6.30a.
18	30.056	29.931	65.2	51.9	48.7	71.9	44.2	36.4	72	95	NE 2	ENE 2	5	6	—	∞ or 2.30p. 6.30a.
19	29.735	29.677	58.9	55.6	48.9	69.6	44.6	39.6	90	89	NE b.N 2	SE 1	8	2	0.331	∞ or 2.30p. 6.30a.
20	30.637	30.598	57.1	50.9	50.4	67.7	46.4	43.3	99	94	SE 1	SE by S 1	10	8	1.105	∞ or 2.30p. 6.30a.
21	30.659	30.684	59.2	56.8	54.0	69.2	41.1	41.7	82	90	SW 2	Calm 0	7	1	0.011	∞ or 2.30p. 6.30a.
22	30.718	30.774	67.0	54.3	49.4	73.2	44.4	40.8	67	97	Calm 0	NWB.W 1	7	9	0.014	∞ or 2.30p. 6.30a.
23	30.740	30.722	59.5	53.8	53.8	67.8	43.5	40.1	86	96	WNW 1	SW 1	10	10	0.331	∞ or 2.30p. 6.30a.
24	30.717	30.787	60.0	55.3	51.6	68.7	42.6	42.6	83	97	WNW 1	N b.W 1	10	10	0.204	∞ or 2.30p. 6.30a.
25	30.832	30.823	56.1	56.1	54.0	64.8	44.2	44.5	98	98	SSE 1	Calm 0	10	8	0.011	∞ or 2.30p. 6.30a.
26	29.881	29.034	57.0	54.8	53.2	69.3	43.4	37.3	93	88	WSW 1	W b.N 1	10	0	—	∞ or 2.30p. 6.30a.
27	30.152	30.167	64.1	59.1	48.8	70.2	43.6	42.3	73	85	W 2	WSW 2	7	10	—	∞ or 2.30p. 6.30a.
28	30.133	30.133	64.0	59.9	56.0	71.2	47.0	44.6	79	87	W by S 4	sw b.W 4	10	8	—	∞ or 2.30p. 6.30a.
29	30.051	29.918	60.9	59.6	54.4	74.1	46.2	46.6	87	91	SW 4	WSW 1	10	10	—	∞ or 2.30p. 6.30a.
30	29.790	29.699	60.5	60.7	49.9	69.9	47.4	45.9	79	87	W by S 2	WSW 1	6	9	0.060	∞ or 2.30p. 6.30a.
Means	29.909	29.913	56.7	52.9	48.2	64.6	39.4	37.2	85.5	92.2	2.1	1.7	8.8	6.4	2.961	

OSCOTT.

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

JUNE 1880.

1	30.247	30.181	52.2	48.0	44.2	58.2	28.7	31.4	74	94	NNE 5	NE 5	7	10	4.110	
2	30.137	30.089	50.2	50.9	47.5	53.7	33.0	30.2	91	82	NNE-NNE 6	NNE 4-5	10	10	0.080	
3	29.989	29.936	49.0	49.8	46.9	54.1	32.5	34.0	94	95	NNE 3-4	NNE 0-1	10	9	1.130	
4	29.950	30.027	49.7	46.2	45.2	54.7	26.6	24.4	75	79	NNE 4	NNE 0-1	8	1	—	
5	30.025	29.982	50.0	50.0	40.1	55.2	24.7	31.2	69	87	NW 5-6	W 3-4	8	10	0.090	
6	29.862	29.866	52.4	49.8	48.2	59.1	35.8	27.1	91	76	W 3-4	W 0-1	10	9	1.180	
7	30.485	30.741	53.4	47.0	44.8	58.6	38.0	25.7	93	82	SW 6	WSW 3	9	1	—	6.15p.
8	30.695	30.743	49.1	46.0	42.7	58.3	28.8	25.7	83	83	S 3	WSW 1	10	1	0.050	2 (gale) in afternoon.
9	30.765	30.771	53.0	48.2	39.0	57.2	31.5	28.3	78	85	S 2	NNE 0-1	9	9	—	∞ or 2.30p. 6.30a.
10	30.831	30.869	51.0	48.9	40.7	61.3	30.4	29.0	81	84	Calm 0	N 2	9	9	0.030	∞ or 2.30p. 6.30a.
11	29.936	29.963	51.8	52.0	42.6	63.2	31.6	33.8	82	87	ENE 2	NE 2	10	0	—	∞ or 2.30p. 6.30a.
12	30.001	29.984	51.0	58.0	44.3	69.6	32.8	35.0	87	73	E 1-2	WSW 2	7	0	—	∞ or 2.30p. 6.30a.
13	29.976	30.020	60.6	57.0	47.7	67.9	36.5	40.5	70	87	SSW 4	WSW 0-1	8	10	—	∞ or 2.30p. 6.30a.
14	30.074	30.152	58.3	54.0	53.6	61.9	40.6	39.4	84	94	NW 2-3	NNE 2	10	10	—	∞ or 2.30p. 6.30a.
15	30.148	30.079	55.8	51.2	50.6	60.6	32.1	37.1	72	99	NNE-NNE 3-5	NNE 3	10	10	1.150	
16	30.006	30.131	55.0	55.2	50.1	57.2	40.6	42.4	94	98	NNE 5-6	NE-ENE 5	10	10	0.030	
17	30.191	30.153	54.9	59.1	52.3	70.5	42.9	40.9	99	82	NNE 3	NE 4-5	10	1	—	∞ or 2.30p. 6.30a.
18	30.045	29.890	63.3	58.1	48.7	71.6	37.9	36.4	65	76	ENE 3	NNE 2	1	1	0.030	Very fine p.
19	29.744	29.660	52.7	59.8	49.0	66.1	38.1	39.7	96	77	NE 3-4	SSE 1	10	3	2.060	∞ or 2.30p. 6.30a.
20	30.611	30.565	50.3	58.9	53.6	68.0	44.8	42.3	99	86	ENE 2	SSE 3	10	9	1.140	
21	30.632	30.687	61.0	58.2	53.9	67.2	38.8	42.1	73	87	S 3	S 1	5	9	0.040	
22	30.730	30.775	63.9	55.0	49.6	68.2	46.2	41.8	78	97	W 0-1	NW 2	9	10	1.100	∞ or 2.30p. 6.30a.
23	30.748	30.723	59.4	53.9	52.9	69.0	43.4	38.7	87	93	WSW 1-2	Calm 0	10	9	0.830	∞ or 2.30p. 6.30a.
24	30.726	30.805	60.5	56.9	51.6	69.4	42.0	43.9	81	95	W 1	W 1	9	10	1.160	∞ or 2.30p. 6.30a.
25	30.820	30.812	59.2	58.3	54.0	65.3	41.1	40.6	82	84	SW 1-2	SSW 0-1	10	10	1.130	∞ or 2.30p. 6.30a.
26	29.897	30.066	55.5	55.7	50.6	66.1	41.8	35.8	95	81	N 0-1	NW 1	10	0	—	Very fine p.
27	30.142	30.160	64.7	59.0	48.9	69.3	44.2	41.3	73	83	SW 3	SW 5	9	10	—	Low cir.-s. in sheet ga.
28	30.155	30.145	62.0	60.2	57.7	69.4	45.0	42.3	82	82	SW 4	SSW 2	10	9	—	
29	30.040	29.914	62.1	57.9	55.3	72.5	47.1	39.7	85	83	SW 3-4	SW 2	8	10	—	Day fine.
30	29.779	29.704	61.2	60.0	48.3	69.3	47.4	45.0	77	87	WSW 2	WSW 2	9	2	1.130	∞ or 2.30p. 6.30a.
Means	29.913	29.920	56.0	54.1	48.5	63.8	37.3	36.2	83.0	85.9	3.0	2.1	8.8	6.7	2.970	

JUNE 1880.

CHURCHSTOKE.

Height above Mean Sea Level, 549 feet. Long. 3° 5' W. Lat. 52° 31' N.

JUNE 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	50.2	47.5	44.2	58.7	in.	in.	%	%	ENE 2	ENE 2	9	10	ins.	
2	30.283	30.233	50.2	47.5	44.2	58.7	.277	.297	77	91	E 2	ESE 1	10	9	.057	
3	.211	30.114	48.9	51.1	46.8	55.1	.321	.304	93	81	E 2	ESE 1	10	9	.030	
4	.055	29.986	48.9	49.8	46.4	56.3	.316	.313	92	88	NW 5	NW 1	10	1	.070	on hills.
5	.004	30.079	47.9	43.6	43.1	54.0	.262	.233	79	82	NE 3	NW 1	9	1	.010	5.30 p.
6	30.087	30.033	47.8	50.0	39.3	54.1	.231	.313	70	87	NNW 3	WNW 2	10	9	.021	
7	29.897	29.912	53.1	48.9	48.2	50.2	.346	.275	85	80	NW 4	W 1	9	1	.113	a. Squally.
8	.525	.791	55.9	46.2	44.1	57.7	.305	.266	82	86	NW 6	WNW 3	7	1	.070	Squally with 2 showers.
9	.690	.778	47.1	43.7	43.1	54.3	.295	.245	91	85	W 1	W 5	10	0	.098	
10	.760	.808	50.9	46.7	35.8	56.6	.294	.283	74	89	WSW 5	Calm 0	7	4	.004	a. Warm.
11	.839	.916	52.0	48.6	38.3	58.3	.272	.307	71	90	Calm 0	Calm 0	4	9	.206	a.
12	.942	29.977	53.5	51.0	37.8	64.4	.325	.358	79	96	N 5	W 5	0	9	.051	∞. Hot and close.
13	.978	30.002	58.1	56.7	39.1	66.9	.322	.370	67	81	WSW 1	SW 1	5	8	—	Hot and close.
14	29.982	.037	56.7	55.7	47.6	58.6	.327	.422	71	95	S 1	S 1	8	10	.550	
15	30.140	.201	50.4	52.9	49.9	56.5	.345	.375	94	94	NW 1	NW 1	10	10	.136	Squally p.
16	.243	.164	58.3	51.2	62.9	.319	.352	.64	90	90	NNW 2	NNW 1	8	10	.079	a.
17	.068	.136	54.3	55.0	50.5	57.9	.399	.396	95	92	NW 2	NE 3	10	8	.004	Squally before 9a.
18	.226	30.160	56.3	60.0	54.2	66.5	.421	.421	92	81	Calm 0	NE 1	8	5	.104	2 showers. Distant T
19	30.066	29.891	63.8	59.8	50.6	70.2	.378	.366	71	71	NE 1	SE 1	1	4	.060	
20	.752	.657	55.1	55.1	49.8	61.5	.389	.404	90	93	ESE 1	SE 1	10	5	.440	
21	.628	.549	50.5	57.5	50.6	66.0	.441	.443	97	94	ESE 2	SE 1	10	10	.394	2 showers. Distant T
22	.625	.699	58.0	57.7	53.1	65.5	.366	.419	76	88	SSE 2	SE 1	8	5	.045	Thunder showers.
23	.759	.816	60.8	55.9	46.5	67.5	.391	.340	74	76	NW 1	SW 1	6	5	—	Distant T
24	.756	.755	60.0	55.8	44.8	68.3	.399	.370	77	83	WSW 2	NNW 1	8	7	.152	Thunder showers. Close and sultry.
25	.735	.822	61.1	56.1	45.6	67.7	.421	.373	79	82	NW 1	NW 2	4	8	.100	9.30p.
26	.846	29.832	59.0	57.1	52.1	65.5	.369	.430	74	91	WNW 1	WNW 1	9	7	.089	Distant T
27	.924	30.096	57.1	55.5	51.0	66.9	.419	.353	89	80	NNW 1	SW 1	10	2	—	
28	30.165	.171	62.8	60.0	47.1	66.7	.400	.424	70	82	SW 2	SW 3	5	8	—	
29	.167	30.146	62.2	59.9	57.8	68.6	.431	.403	78	78	SW 5	SW 4	8	8	—	
30	30.065	29.053	61.2	56.2	55.9	66.0	.404	.384	76	85	NW 2	Calm 0	6	7	—	
30	30.810	29.722	57.5	59.9	51.9	66.0	.384	.430	82	84	WSW 2	SW 1	9	10	—	
Means	29.941	29.948	55.6	53.5	47.2	62.2	.354	.356	80.1	85.8	2.2	1.6	7.6	6.4	2.892	

CHELTENHAM.

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

JUNE 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	56.9	48.6	44.4	61.6	ins.	ins.	77	99	NE 2	NE 2	6	10	ins.	
2	30.101	30.071	52.1	51.4	47.8	55.4	.365	.317	93	84	NE 1	NE 1	3	10	.040	
3	29.959	29.931	50.9	51.9	47.4	55.0	.362	.331	98	86	NW 1	Calm 0	10	10	.080	
4	29.943	30.040	50.0	46.4	46.1	57.8	.294	.275	82	88	N 1	Calm 0	10	6	.010	
5	30.050	30.010	51.6	51.5	42.0	57.0	.263	.336	70	89	W 1	NW 1	8	10	.030	
6	29.912	29.892	57.4	45.0	44.0	61.6	.348	.273	73	91	NW 2	Calm 0	8	2	.060	
7	.574	.830	56.0	49.6	42.7	61.0	.370	.309	85	88	W 2	W 1	9	6	.060	
8	.725	.758	51.3	48.6	44.4	59.6	.317	.272	83	80	SW 1	SW 1	9	1	.070	
9	.767	.816	55.0	44.0	36.5	57.2	.307	.288	71	100	S 2	S 2	9	6	.100	☉ showers. ▲
10	.834	.858	56.0	47.6	34.0	62.8	.315	.316	70	96	Calm 0	Calm 0	6	8	.070	☉ showers. ▲
11	.936	29.965	54.4	50.5	37.0	67.2	.364	.333	86	91	N 1	N 1	3	1	—	Very fine.
12	.991	30.002	60.3	56.4	43.5	70.0	.366	.371	70	82	N 1	Calm 0	2	1	—	Very fine.
13	29.990	.038	64.0	56.0	44.9	68.6	.370	.415	62	92	S 1	Calm 0	6	10	.080	Very fine till 7p.
14	30.084	.168	58.0	55.0	53.4	63.8	.437	.381	91	88	W 1	N 1	10	10	—	
15	30.144	.056	58.3	52.4	45.6	62.4	.339	.382	70	97	N 1	N 2	8	10	.180	
16	29.984	.105	55.1	57.2	51.0	61.5	.428	.427	98	91	NE 1	NE 1	10	10	.050	
17	30.173	30.107	58.0	63.1	55.4	66.2	.446	.528	92	91	NE 1	NE 1	10	8	.120	
18	30.005	29.829	64.0	61.6	52.3	73.7	.475	.431	80	79	N 1	NE 2	2	3	.010	☉ Very fine.
19	29.720	.642	59.0	59.0	53.0	67.0	.449	.427	90	86	E 1	E 1	10	7	.210	
20	.575	.571	61.4	58.4	56.9	68.8	.516	.443	96	90	S 1	S 2	10	9	.140	
21	.651	.676	65.4	58.7	52.5	67.3	.422	.412	68	84	S 1	Calm 0	8	4	—	☉ p.
22	.757	.790	63.4	55.3	43.7	69.3	.427	.431	73	99	Calm 0	S 1	6	10	.860	☉ ☉ ☉ 4p.—7p.
23	.760	.729	60.6	58.8	47.8	67.6	.416	.413	79	84	S 1	SW 1	9	10	.030	☉ ☉ ☉ 4.50p.—5.40p.
24	.742	.833	60.2	57.3	43.0	69.0	.413	.433	79	92	W 1	S 1	6	3	.430	☉ ☉ ☉ p.
25	.832	29.816	63.4	57.8	45.1	71.0	.412	.457	71	95	W 2	S 1	7	10	.110	
26	29.909	30.094	57.0	58.6	54.2	70.1	.437	.453	94	92	N 1	Calm 0	10	6	.010	
27	30.180	.224	64.6	58.8	44.5	70.1	.444	.462	74	93	NW 1	W 1	6	10	—	Fine day.
28	.205	30.165	64.0	59.5	58.0	68.3	.446	.441	75	87	W 3	W 3	8	9	—	Fine day.
29	30.088	29.921	64.5	59.5	57.1	69.1	.483	.430	80	85	W 2	W 1	7	10	—	Fine day.
30	29.804	29.704	60.2	62.3	50.0	69.9	.396	.470	76	84	W 1	W 2	5	9	.240	☉ Fine day.
Means	29.920	29.926	58.4	54.7	47.3	65.0	.393	.387	80.2	89.4	1.2	1.0	7.4	7.3	3.180	

CARMARTHEN.

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

JUNE 1880.

1	30.204	30.186	55.4	51.9	46.1	65.0	.298	.267	68	70	NE 6	NE 2	3	10	.040	
2	30.116	30.084	54.7	52.4	50.2	60.9	.317	.311	74	79	NE 6	E 1	9	8	—	
3	29.992	29.956	58.3	54.5	49.4	58.8	.343	.340	71	80	NE 1	N 2	10	9	.130	
4	29.975	30.074	50.9	46.7	46.6	57.4	.292	.246	79	78	N 3	N 4	10	0	—	
5	30.112	30.022	52.4	51.2	42.6	56.2	.262	.345	67	92	N 4	Calm 0	6	0	.080	
6	29.964	29.928	56.3	52.3	50.8	61.2	.353	.302	78	77	W 5	SW 1	8	9	.240	
7	.655	.833	54.7	49.7	47.1	58.5	.369	.280	87	80	W 5	W 3	9	3	.130	
8	.660	.768	52.9	46.5	42.3	58.5	.334	.276	83	89	W 5	W 1	8	0	.070	
9	.742	.778	49.9	45.3	40.2	57.6	.283	.276	80	92	W 2	W 1	10	0	—	☉ 5.50p.
10	.823	.876	60.4	49.9	35.9	62.2	.305	.302	58	85	SE 2	Calm 0	5	5	—	☉ 9.30a.
11	.915	.987	62.6	51.4	41.0	67.2	.336	.298	59	79	N 1	NW 1	1	0	—	
12	.981	29.993	57.2	54.7	39.5	61.4	.348	.384	74	90	SE 3	Calm 0	7	5	—	
13	29.950	30.014	55.6	53.6	50.4	57.0	.407	.406	92	99	S 3	SW 1	10	10	.350	
14	30.129	.171	54.9	55.1	52.7	57.9	.296	.379	69	87	N 3	N 1	10	10	—	
15	.181	.117	61.2	56.7	53.8	64.5	.407	.343	76	75	N 3	N 2	8	4	.010	☉ 4p.
16	.012	.061	64.0	58.3	53.6	65.5	.436	.406	73	84	N 4	NE 4	6	10	.010	
17	.148	30.093	65.0	60.5	56.0	71.8	.430	.496	70	95	E 1	E 1	8	10	.470	
18	30.000	29.802	63.8	58.8	55.0	71.3	.433	.439	73	89	E 1	E 1	8	9	.250	☉ p.
19	29.659	.599	59.2	56.4	55.8	66.9	.428	.401	86	89	E 3	E 1	10	10	.050	
20	.530	.554	57.2	57.2	55.6	67.9	.444	.437	95	93	E 2	S 3	10	10	.040	
21	.597	.677	62.4	56.5	53.9	66.2	.407	.407	73	89	SE 4	S 1	9	10	—	
22	.773	.815	64.7	55.7	50.8	66.8	.407	.418	67	94	S 1	W 1	6	9	.030	
23	.764	.763	65.5	52.9	51.6	66.2	.436	.386	75	97	SW 1	W 1	7	2	—	☉ p.
24	.760	.853	62.8	55.3	51.2	66.2	.418	.399	73	91	W 2	W 1	7	9	.030	
25	.824	29.820	66.0	57.2	54.8	68.3	.427	.403	67	86	SW 1	N 1	3	10	.030	
26	29.900	30.133	62.0	53.6	53.6	68.9	.427	.355	77	86	NW 2	W 1	6	0	—	
27	30.191	.211	65.5	59.0	49.1	67.9	.467	.464	80	93	S 2	SW 4	10	10	—	
28	.214	30.187	62.8	57.0	56.6	64.5	.467	.434	82	93	SW 3	SW 2	10	10	—	
29	30.074	29.956	59.2	56.3	55.1	62.5	.456	.379	91	84	SW 4	SW 1	10	10	—	
30	29.813	29.735	58.9	59.2	54.6	61.5	.409	.470	83	94	SW 1	Calm 0	10	10	—	
Means	29.922	29.935	59.1	54.2	49.9	63.5	.381	.368	76.0	87.0	2.8	1.4	7.8	6.7	1.950	

MARLBOROUGH.

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

JUNE 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	47.3	43.2	60.7	in.	in.	%	%	NE 2	NE 1	3	10	ins.	Fair but windy. ☼ before 9a. Fine day. Very fine. T 10 5p. Fine but close. T all the afternoon. ☼ 3.30p. and in afternoon. Hot and close. Very fine. Very fine.
2	30.101	30.133	53.1	49.9	47.3	54.0	.329	.313	72	97	NE 1	N 1	10	10	.174	
3	29.977	29.956	53.1	49.9	47.3	54.0	.365	.318	90	89	NE 1	N 1	10	10	.010	
3	29.958	29.931	51.7	48.7	47.7	53.5	.349	.316	91	92	NE 1	NE 1	10	10	.040	
4	29.938	30.028	48.2	46.2	46.2	56.9	.288	.248	86	81	NE 1	Calm 0	10	8	—	
5	30.052	30.058	55.7	49.3	41.4	61.3	.266	.313	60	90	NW 1	NW 1	3	10	.094	
6	29.944	29.932	53.6	51.7	49.3	63.7	.361	.339	88	88	NW 1	W 1	10	8	.046	
7	.653	.835	51.9	49.5	48.2	62.8	.367	.287	95	82	SW 2	W 2	10	2	—	
8	.769	.802	54.2	46.9	44.3	59.7	.296	.270	70	85	SW 2	W 1	10	2	.060	
9	.805	.790	53.9	48.6	40.2	55.6	.284	.295	69	87	SW 1	S 1	8	4	.044	
10	.842	.872	55.4	48.7	36.2	61.9	.308	.311	71	91	NE 1	Calm 0	8	5	.050	
11	29.927	29.968	50.1	53.9	40.1	65.7	.321	.324	89	81	NE 1	Calm 0	9	2	—	
12	30.010	30.038	60.8	54.8	38.6	70.7	.357	.349	63	81	Calm 0	W 1	1	1	—	
13	.022	.048	59.7	54.1	45.1	69.0	.360	.344	71	82	S 1	Calm 0	6	8	—	
14	.080	.140	60.4	56.4	49.0	67.4	.413	.393	79	87	Calm 0	N 1	9	10	.020	
15	30.137	.062	58.8	51.7	51.7	61.2	.344	.362	70	94	NW 1	N 1	9	10	.080	
16	29.964	.076	53.9	56.5	50.8	58.8	.399	.441	96	97	NE 1	NE 1	10	10	.200	
17	30.160	30.108	58.5	60.0	54.2	66.1	.441	.472	90	92	NE 1	Calm 0	10	10	.340	
18	30.010	29.850	62.6	61.6	53.3	73.6	.433	.415	77	76	NE 1	N 1	5	8	.055	
19	29.720	.663	57.7	58.8	64.0	66.6	.446	.404	93	82	E 1	SE 1	10	9	.180	
20	.584	.609	60.6	56.7	55.9	65.7	.443	.412	84	90	SE 1	Calm 0	9	10	—	
21	.655	.701	59.8	53.3	51.8	65.7	.381	.367	74	90	SE 1	Calm 0	9	2	.050	
22	.763	.811	57.6	56.9	44.6	67.0	.427	.418	89	90	Calm 0	Calm 0	9	10	.015	
23	.793	.754	59.6	57.3	51.3	68.7	.406	.401	79	85	W 1	Calm 0	10	9	—	
24	.763	.855	61.5	55.4	53.6	71.3	.389	.381	73	87	W 1	Calm 0	6	5	.010	
25	.852	29.835	62.9	55.7	50.0	70.0	.379	.377	67	85	SW 1	Calm 0	6	8	—	
26	29.890	30.072	61.6	57.3	47.0	69.1	.428	.433	79	92	Calm 0	Calm 0	9	5	.140	
27	30.203	.260	67.4	59.0	48.1	72.0	.447	.396	66	80	SW 1	Calm 0	7	8	—	
28	.262	30.225	60.6	58.6	66.0	70.7	.404	.401	77	82	W 1	W 1	8	10	—	
29	30.120	29.959	59.1	58.5	55.3	71.1	.418	.431	83	89	W 2	Calm 0	10	8	—	
30	29.833	29.753	61.6	61.1	50.7	74.0	.396	.454	73	85	SW 1	Calm 0	7	10	.120	
Means	29.930	29.941	57.6	54.1	48.2	65.2	.375	.366	79.0	87.0	1.0	0.5	8.0	7.4	1.728	

RAMSGATE.

Height above Mean Sea Level, 105 feet. Long. 1° 25' E. Lat. 51° 20' N.

JUNE 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	58.1	52.1	43.2	62.1	in.	in.	98	98	E 2	E 1	5	10	ins.	
2	30.132	30.074	58.1	52.1	43.2	62.1	in.	in.	98	98	E 2	E 1	5	10	ins.	
3	30.031	29.915	58.7	52.3	45.0	66.8	in.	in.	95	98	E 1	E 1	10	10	ins.	
4	29.883	29.851	54.3	51.2	47.0	59.2	in.	in.	99	99	E 1	E 3	10	10	ins.	
5	29.832	29.949	50.5	46.2	44.2	55.3	in.	in.	98	92	NE 3	NE 2	10	10	ins.	
6	30.004	30.008	51.0	50.6	43.0	60.1	in.	in.	99	99	W 2	SW 2	5	10	ins.	
7	29.896	29.895	52.8	54.0	46.2	60.0	in.	in.	97	87	SW 2	SW 1	10	10	ins.	
8	29.689	29.808	51.0	51.5	47.6	64.1	in.	in.	99	88	SW 4	W 2	10	0	ins.	
9	29.792	29.795	51.3	52.2	44.8	58.8	in.	in.	95	93	W 2	W 2	10	3	ins.	
10	29.870	29.820	55.0	50.0	44.8	55.1	in.	in.	99	99	SW 2	SE 1	10	10	ins.	
11	29.873	29.879	52.1	53.2	44.0	61.0	in.	in.	98	98	S 1	SE 1	10	10	ins.	
12	29.848	29.916	53.2	52.6	46.1	59.1	in.	in.	99	95	NE 2	NE 2	10	3	ins.	
13	29.992	30.052	52.5	52.0	51.0	60.0	in.	in.	99	92	NE 2	NE 1	10	10	ins.	
14	30.054	30.061	55.2	55.2	47.6	68.3	in.	in.	82	89	Calm	S 1	0	3	ins.	
15	30.059	30.041	63.5	57.2	50.2	69.1	in.	in.	88	97	Calm	Calm	0	3	ins.	
16	29.971	29.934	59.1	54.0	54.0	59.2	in.	in.	99	99	NE 1	NE 2	10	10	ins.	
17	29.900	30.121	55.8	56.4	53.1	57.2	in.	in.	98	98	Calm	E 1	10	10	ins.	
18	30.134	30.100	58.1	58.2	52.3	63.5	in.	in.	98	94	NE 1	NE 1	10	8	ins.	
19	30.010	29.873	63.2	58.0	55.8	66.1	in.	in.	88	88	NE 1	NE 1	2	10	ins.	
20	29.773	29.719	59.0	57.6	47.0	69.0	in.	in.	95	93	NE 1	SW 1	10	1	ins.	
21	29.674	29.687	58.2	58.1	52.0	68.0	in.	in.	98	93	SE 1	SW 1	10	5	ins.	
22	29.736	29.720	60.0	57.2	49.0	67.0	in.	in.	88	85	SW 1	SE 1	3	3	ins.	
23	29.734	29.806	57.6	55.1	46.0	61.0	in.	in.	84	96	S 1	W 1	10	10	ins.	
24	29.784	29.766	62.0	59.5	48.2	66.0	in.	in.	87	93	W 5	Calm	0	5	ins.	
25	29.744	29.826	63.0	56.7	45.3	67.5	in.	in.	81	96	W 1	W 1	7	10	ins.	
26	29.859	29.846	60.0	55.7	48.0	62.0	in.	in.	87	94	W 1	SW 1	8	8	ins.	
27	29.894	29.958	58.0	55.3	49.1	66.8	in.	in.	91	96	N 1	Calm	0	10	ins.	
28	29.809	29.829	64.8	60.6	51.0	70.0	in.	in.	88	88	Calm	W 1	8	10	ins.	
29	29.842	29.816	63.1	61.8	56.8	74.0	in.	in.	82	93	W 2	Calm	0	10	ins.	
30	29.812	29.872	62.0	58.0	53.2	68.8	in.	in.	93	93	W 1	S 1	8	2	ins.	
Means	29.919	29.933	58.0	55.1	48.6	63.8	in.	in.	90.9	93.8	1.4	1.1	8.1	7.2	4.320	

SOUTHAMPTON.

Height above Mean Sea Level, 74 feet. Long. 1° 24' W. Lat. 50° 55' N.

JUNE 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	30.100	30.090	61.5	50.2	46.8	64.5	in.	in.	92	92	NE 5	NE 3	1	10	ins.	
2	30.026	30.009	58.2	53.1	48.7	63.2	in.	in.	83	91	NE 3	NNE 4	10	10	ins.	
3	29.919	29.897	54.3	51.5	49.8	60.3	in.	in.	89	89	NE 3	NNE 2	10	10	ins.	
4	29.899	30.000	50.2	48.6	48.2	60.3	in.	in.	88	81	NE 2.5	NE 2	10	10	ins.	
5	30.054	30.061	55.7	50.3	39.6	61.6	in.	in.	88	88	NW 3.5	W 3	3	10	ins.	
6	29.955	29.934	55.0	53.6	49.8	63.7	in.	in.	90	80	W 3	WSW 2.5	10	2	ins.	
7	29.695	29.861	54.9	53.6	50.1	64.3	in.	in.	93	71	SW 5	W 3.5	10	1	ins.	
8	29.806	29.811	53.5	50.1	47.2	62.3	in.	in.	81	75	SW 3	WSW 2	10	1	ins.	
9	29.807	29.796	53.6	48.6	44.8	60.4	in.	in.	88	88	SW 2	SW 1.5	10	9	ins.	
10	29.840	29.854	58.4	52.0	38.9	63.7	in.	in.	84	84	E 1	SW 1	4	1	ins.	
11	29.885	29.931	58.4	55.7	41.9	68.6	in.	in.	75	75	NNE 2.5	NNE 1	8	1	ins.	
12	30.007	30.030	61.0	53.1	43.6	69.5	in.	in.	75	75	WNW 1.5	SW 2	3	0	ins.	
13	30.025	30.034	59.4	55.2	44.0	66.5	in.	in.	87	87	S 2	SW 1	8	10	ins.	
14	30.068	30.100	57.3	57.6	50.4	65.7	in.	in.	86	93	SW 1	NE 2	10	10	ins.	
15	30.114	30.117	59.3	53.6	53.2	64.0	in.	in.	73	93	NE 3.5	NNW 3.5	9	10	ins.	
16	29.928	30.065	55.2	50.5	51.9	60.7	in.	in.	98	93	NE 1.5	SE 3	10	10	ins.	
17	30.123	30.075	62.9	61.5	52.1	66.2	in.	in.	81	89	NNE 2.5	SE 1	9	10	ins.	
18	29.990	29.834	58.9	60.6	56.0	68.8	in.	in.	89	89	NE 0.5	S 1	10	10	ins.	
19	29.721	29.645	61.2	60.1	55.9	66.5	in.	in.	84	88	SSE 1.5	ESE 1	10	10	ins.	
20	29.588	29.639	64.1	56.4	55.9	65.8	in.	in.	76	92	SE 3	SW 4	7	10	ins.	
21	29.665	29.690	58.6	55.1	54.0	65.6	in.	in.	92	92	S 2.5	S 0.5	10	2	ins.	
22	29.759	29.810	55.6	57.4	51.0	60.2	in.	in.	92	96	NW 1.5	SW 1	10	4	ins.	
23	29.809	29.751	55.9	54.6	50.8	65.5	in.	in.	92	92	SW 2	SW 1	10	5	ins.	
24	29.779	29.844	62.2	57.6	49.3	68.7	in.	in.	72	92	NW 3	SW 2	9	1	ins.	
25	29.859	29.832	60.5	55.3	48.3	66.6	in.	in.	78	92	SW 2	SW 1.5	8	3	ins.	
26	29.891	29.952	62.1	59.6	47.2	73.1	in.	in.	72	88	NW 1.5	Calm	0	3	ins.	
27	29.823	29.864	66.0	59.1	51.7	72.5	in.	in.	68	89	SSW 1	SW 2.5	8	10	ins.	
28	29.700	29.819	63.4	60.5	56.2	71.3	in.	in.	75	84	WSW 3	SW 1	10	10	ins.	
29	29.816	29.941	59.9	56.3	53.9	70.8	in.	in.	87	90	SW 2	SSW 1	10	1	ins.	
30	29.834	29.759	59.1	58.9	48.8	73.7	in.	in.	85	93	SW 1.5	SW 3	9	10	ins.	
Means	29.925	29.928	58.5	55.2	49.3	65.7	in.	in.	87.9	87.9	2.4	1.9	8.0	6.6	2.150	

JUNE 1880.

ST. LEONARDS.

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

JUNE 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	63.2	50.6	48.9	63.8	in.	in.	95	86	ENE 3	NNE 4	5	2	ins.	Bar. pumping at 9a. (gale) till 4p [force 9 between 1p. and 2p.
2	30.085	30.052	60.9	54.2	49.8	66.5	.377	.318	92	92	NE 2	NNE 2	8	10	.054	
3	29.990	29.957	56.1	52.5	51.4	59.5	.420	.385	97	96	N 2	N 2	10	10	.159	
4	.882	.854	49.6	47.6	47.6	57.4	.396	.381	87	96	N 2	N 2	10	5	.043	
5	29.844	29.958	55.9	53.0	37.2	60.6	.342	.260	97	79	N 2	W 1	4	10	.086	
6	30.025	30.024	52.9	52.7	49.7	57.5	.263	.315	58	78	NW 2	WSW 1	10	9	.137	
7	29.930	29.911	50.7	51.8	48.6	61.9	.392	.362	98	91	W 2	WSW 1	10	1	.011	
8	.735	.849	53.5	51.1	48.4	55.9	.340	.297	92	77	WSW 7	WSW 2	10	1	.011	
9	.851	.792	53.2	49.4	45.7	53.8	.356	.317	87	84	WSW 4	WSW 5	10	1	.280	
10	.859	.809	52.7	52.6	48.1	57.7	.344	.338	85	97	SSW 2	WSW 1	10	9	.014	
11	.858	.858	57.0	55.5	50.5	58.4	.364	.364	87	92	ESE 1	NE 1	10	9	.085	
12	.836	29.913	57.0	55.5	50.5	58.4	.391	.360	84	82	NNE 3	N 2	10	10	.085	
13	29.990	30.038	57.1	53.7	45.8	61.4	.331	.334	80	81	N 2	W 1	7	1	—	Wind slowly veering to W.
14	30.057	.040	58.5	53.3	47.4	60.1	.394	.354	83	87	SW 2	W 2	1	2	—	
15	.057	30.071	59.1	60.6	50.4	63.4	.421	.405	84	78	SW 2	N 2	7	10	—	
16	30.063	29.944	60.0	52.3	52.3	60.9	.379	.379	74	97	N 2	NNW 3	8	10	.430	
17	29.897	30.096	57.6	56.2	52.3	60.9	.445	.416	93	92	N 1	NE 1	10	10	—	☼ during the day. ☼ 3p.
18	30.117	30.069	60.7	59.8	54.9	64.4	.474	.436	90	94	NNE 1	NE 1	10	9	.269	
19	29.978	29.844	65.9	60.7	57.0	73.0	.451	.435	71	82	ESE 3	NE 2	5	6	.096	
20	.749	.673	56.6	61.2	56.0	68.0	.450	.397	98	74	SSW 2	ENE 3	10	6	.158	☼ till 10a.
21	.646	.697	58.5	55.9	55.9	64.4	.462	.423	94	95	SSE 2	SW 4	10	10	—	Squall with ☼ 9p. Bar. unsteady [during the day.
22	.721	.700	58.6	57.7	53.3	65.0	.419	.381	85	79	S 1	E 1	4	3	.226	
23	.719	.808	57.7	56.9	55.1	59.0	.447	.441	94	95	E 1	WSW 1	10	10	.617	Wind backed to WSW.
24	.813	.764	55.4	55.6	53.9	59.0	.416	.414	95	93	SW 2	Calm 0	10	3	.011	9p.
25	.754	.840	60.4	56.7	54.8	65.2	.442	.436	85	95	WSW 2	WSW 2	9	10	.036	
26	.868	29.848	62.6	54.6	50.0	62.6	.436	.375	77	89	WSW 2	WSW 2	4	2	—	
27	29.880	30.041	62.5	56.8	51.8	63.0	.440	.429	78	93	SW 1	ESE 1	3	2	.146	☼ 2p.—3p. Wind veered during storm to N., afterwards to ESE. [Clouds during storm from N.N.W. in SW. after 10p.
28	30.213	.274	64.2	57.4	54.2	65.4	.440	.438	73	93	SW 1	WSW 1	4	9	—	
29	.278	30.227	59.4	56.8	56.0	64.4	.461	.435	92	94	WSW 3	WSW 2	10	1	—	p.p.
30	30.118	29.972	59.6	56.4	55.2	62.2	.469	.425	92	94	WSW 2	WSW 2	9	1	—	p.p.
31	29.840	29.795	61.2	56.9	52.9	64.6	.474	.427	88	93	WSW 1	WSW 2	10	10	.355	
Means	29.922	29.923	58.0	55.0	51.2	62.0	.409	.384	84.8	88.4	2.1	1.9	7.9	6.1	3.135	

BABBACOMBE.

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

JUNE 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	50.8	50.5	47.3	60.3	ins.	ins.	%	%	NE 3	NNE 4	2	10	ins.	
2	30.104	30.120	50.8	50.5	47.3	60.3	340	340	85	87	NNE 2	NNE 3	10	10	0.070	(mist) p.
3	29.966	29.939	51.1	52.7	49.4	58.7	335	336	89	84	NNE 2	NNE 3	10	10	0.080	(mist) a. and p.
4	29.936	30.034	52.7	51.0	47.9	54.4	346	253	87	68	NNE 2	N	10	2	—	(mist) a. and p.
5	30.116	128	56.5	50.8	42.2	59.4	280	303	61	82	NW 3	WSW 3	3	10	—	Noon and 3p.
6	30.038	30.008	56.8	51.9	50.0	62.8	343	334	74	86	WNW 3	WSW 4	9	4	0.020	0 after 9p.
7	29.785	29.928	53.9	50.3	49.8	62.0	309	296	96	82	W 5	W 4	10	2	0.040	
8	793	852	55.9	48.1	47.0	61.8	355	276	80	82	WSW 5	SW 3	9	3	1.140	(gale) from SW, 10a.—11a. D p.
9	805	800	48.9	48.0	44.7	54.0	308	307	90	92	Calm 0	WSW 2	10	4	0.040	D p.
10	844	29.870	54.8	48.1	38.4	61.5	336	313	78	93	ENE 2	Calm 0	3	2	—	D p.
11	29.906	30.004	61.8	51.1	45.8	66.5	324	304	59	81	NNW 2	WNW 1	1	1	—	D p.
12	30.027	046	61.4	53.3	40.9	66.7	352	381	65	94	SW 3	S 2	3	9	—	D p.
13	002	047	54.8	52.3	52.3	61.6	393	384	91	98	SSW 3	S 2	10	10	0.200	(mist) p.
14	099	142	53.9	54.9	51.0	58.8	404	388	98	90	N 1	N 3	10	10	0.010	(mist) a. and p. 0.30p.
15	30.156	092	58.8	58.8	54.0	68.4	307	351	74	71	N 3	NNW 3	9	10	0.090	(mist) a.
16	29.981	035	55.7	53.3	52.6	59.3	388	407	88	100	N 3	ENE 2	10	10	0.100	(mist) a. and p. 0.30p.
17	30.122	30.078	57.8	57.6	52.9	61.6	409	441	85	93	NE 2	NNE 1	9	6	0.010	(mist) a. and p. 0.30p.
18	29.980	29.812	59.6	57.8	56.1	64.8	456	437	89	91	ENE 2	NNE 1	9	8	0.090	(mist) a. and p. 0.30p.
19	688	633	55.5	54.9	53.7	63.1	437	410	99	98	SE 2	E 1	10	9	0.030	0.30a.—Noon. D p.
20	547	620	56.3	54.1	54.0	61.9	428	399	95	95	ESE 2	SSW 3	10	6	0.120	0.30a.—Noon. D p.
21	618	685	57.2	53.9	52.7	62.0	419	401	90	97	SE 3	NE 2	10	10	—	[T 11.30a. and 1.50p. D p.]
22	793	847	60.6	54.9	52.0	65.8	427	394	81	92	NW 1	WSW 2	9	3	1.230	0.30a.—Noon. D p.
23	801	792	58.8	54.6	49.4	63.1	419	370	85	87	S 2	NW 1	8	8	—	0.30a.—Noon. D p.
24	800	895	65.8	54.9	49.0	70.3	424	388	67	90	W 4	WSW 2	6	1	—	D p.
25	860	29.845	61.4	53.7	51.0	64.8	422	384	78	93	S 3	E 1	9	9	—	[D after 10p.]
26	29.923	30.113	61.8	57.8	52.1	70.9	412	381	75	80	ENE 1	WNW 2	2	0	0.010	T in N, 5p., in NE, 5.50p., in E, 6.12p.
27	30.236	310	69.7	56.1	51.6	71.5	434	409	60	90	WSW 3	WSW 3	4	4	—	D p.
28	299	30.255	62.8	57.9	56.1	66.9	457	410	80	86	WSW 4	SW 2	10	10	—	D p.
29	30.132	29.979	64.7	56.7	54.9	72.7	425	421	70	91	SW 1	NNE 1	1	8	—	D p.
30	29.844	29.778	61.8	59.2	52.1	68.7	406	467	74	94	NNE 1	SW 3	6	10	—	
Means	29.943	29.958	58.0	53.7	50.0	63.5	386	367	80.5	88.2	2.4	2.2	7.4	6.6	2.290	

ST. AUBIN'S, JERSEY.

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

JUNE 1880.

1	30.028	30.068	59.0	51.4	48.6	63.2	330	317	66	83	NE 3	NE 1 3	2	8	0.008	
2	30.017	30.003	56.4	54.6	49.6	61.3	377	383	83	90	NbyE 3	N 2	9	10	0.150	Cold breeze.
3	29.966	29.934	53.5	52.3	50.6	58.2	379	373	93	95	N 1	Calm 0	10	10	0.020	(mist) 7.30p. [for the last six years.]
4	29.910	30.014	52.3	48.0	47.5	54.0	354	309	90	93	NbyE 1	Calm 0	10	3	0.023	a. Colder than any day in June
5	30.145	193	55.2	51.1	45.7	60.6	319	300	73	80	W 1	NW 2	9	10	0.050	
6	30.128	104	53.8	53.6	49.2	58.0	395	383	95	93	WbyS 2	W 3	10	10	0.026	Gloomy with cold breeze.
7	29.971	30.042	54.4	51.4	51.0	57.9	395	333	93	88	WSW 5	WSW 3	10	4	0.005	Cold. (force 5) all day.
8	961	29.950	56.4	52.1	50.1	61.8	348	329	76	84	SW 4	W 2	9	10	0.100	
9	870	844	49.8	50.2	48.6	54.7	312	340	87	94	Calm 0	Calm 0	10	10	0.392	Cold at night.
10	865	29.864	56.5	53.4	44.3	62.9	315	337	69	83	E 1	NE 1	5	9	0.019	Wheat in ear.
11	29.898	30.004	56.7	52.5	50.0	62.8	346	338	75	86	N 2	NW 2	8	0	—	D p.
12	30.085	091	60.1	54.3	48.5	65.2	325	310	63	74	W 2	Calm 0	1	5	—	a. Day extremely fine.
13	063	069	60.1	57.0	51.3	61.1	371	359	72	77	S 2	ESE 1	9	10	0.026	
14	090	132	59.2	53.8	53.1	62.7	394	389	79	93	E 1	NNW 2	10	7	0.035	
15	30.132	102	59.3	58.1	51.6	64.2	388	379	77	79	NE 3	N 2	7	10	0.375	Very fine p.
16	29.990	047	54.6	53.5	52.3	58.8	409	379	96	93	Calm 0	Calm 0	10	0	0.001	D p.
17	30.044	30.071	59.1	57.7	53.0	66.0	421	447	84	93	E 3	NE 2	10	10	0.036	D a.
18	29.999	29.843	60.0	57.7	52.4	70.9	447	431	87	90	E 1	Calm 0	8	10	0.063	till 8.15a. Warm day.
19	729	644	59.1	57.9	55.0	62.7	432	452	86	94	SE 2	Calm 0	10	4	0.015	
20	582	720	59.6	55.7	55.2	63.5	447	398	88	90	SbyE 3	S 1	10	7	0.120	Wheat in flower.
21	672	704	57.4	55.2	53.9	62.3	432	379	92	87	SE 2	Calm 0	10	7	0.024	
22	832	910	61.5	55.0	53.2	65.3	439	403	81	93	W 3	W 1	9	1	—	Hot sun but cold breeze. D p.
23	856	755	58.4	56.8	51.7	61.4	418	405	86	87	SE 2	Calm 0	9	10	0.195	D a.
24	895	962	61.1	55.5	53.4	66.0	460	421	87	96	NW 3	W 2	5	2	—	Cold wind. D p.
25	928	29.845	60.4	55.7	52.7	61.7	401	422	76	94	SE 2	SE 1	5	10	0.045	D a. 0.7a. Temp. rising after 9p.
26	29.903	30.116	61.0	55.0	54.8	66.9	439	403	82	93	NE 2	W 2	8	0	—	Extremely fine from 11a. D p.
27	30.301	384	58.4	55.1	53.2	64.3	433	399	89	91	W 2	W 1	10	1	—	D a. 0.30a.—Noon. Fine p. D p.
28	386	309	60.0	55.2	53.0	67.8	423	404	82	93	SW 2	Calm 0	10	0	—	D a. and p. Very fine p. Bar. falling from 3p.
29	30.175	30.005	65.9	62.3	51.3	72.3	457	426	73	77	SE 2	Calm 0	5	7	0.032	D a. Extremely fine summer day.
30	29.878	29.869	60.7	58.0	57.1	66.5	443	427	84	88	N 2	Calm 0	10	10	0.038	[Humidity 61 at 2p.]
Means	29.978	29.987	58.0	54.7	51.4	62.8	395	379	82.1	88.4	2.1	1.1	8.3	6.5	1.798	

JUNE 1880.

LONDONDERRY.

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

JUNE 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	53.7	52.7	44.2	61.1	ins.	ins.	94	77	NE 1	NE 2	4	1	ins	
2	30.416	30.454	53.7	52.7	44.2	61.1	390	307	94	77	NE 1	NE 2	4	1	—	
3	417	303	56.5	55.8	44.5	65.8	288	324	55	72	NE 2	NE 2	0	7	—	
4	222	181	56.7	48.2	44.3	62.5	354	249	76	74	NE 2	NNE 2	7	9	—	
5	209	210	48.7	45.2	42.4	52.2	232	241	67	81	NE 3	NE 1	9	4	0.055	
6	30.085	30.010	52.4	51.2	44.0	56.5	371	355	94	95	W 3	SW 2	10	10	0.130	
7	29.881	29.812	54.7	48.7	46.5	58.2	281	291	66	85	W 3	SW 1	6	10	0.310	
8	629	721	47.0	46.0	42.9	56.7	280	263	87	85	W 3	W 2	7	1	0.080	ga.
9	636	749	54.7	46.6	39.0	58.2	251	256	59	81	NW 1	NE 1	5	1	—	
10	759	822	50.8	44.8	37.6	59.8	270	241	73	81	NE 1	NE 1	8	0	—	
11	865	907	54.7	47.2	33.7	64.4	256	282	61	88	W 1	E 1	2	0	—	
12	902	836	61.7	54.5	38.2	67.7	298	304	54	72	S 2	S 1	2	1	—	Pine and warm.
13	707	29.773	59.2	54.5	49.2	64.5	386	408	77	96	S 4	SW 1	10	10	0.560	from Noon.
14	29.881	30.103	57.1	52.1	50.0	66.5	368	339	79	86	S 2	W 1	10	1	—	in
15	30.217	322	58.9	51.7	45.6	62.8	326	317	65	83	N 1	NW 1	7	0	—	
16	356	381	59.7	52.1	41.8	62.8	313	334	62	85	N 2	Calm 0	2	0	—	
17	307	309	58.0	61.6	49.0	68.9	399	379	82	70	NE 3	NNE 2	10	6	—	
18	314	30.255	61.6	59.7	52.6	71.9	431	449	79	88	NNE 3	Calm 0	6	0	—	
19	30.139	29.898	66.1	59.7	52.9	75.9	402	414	64	81	E 2	E 1	2	7	—	
20	29.783	653	66.7	59.2	50.0	76.0	397	477	61	95	S 2	NE 1	2	10	0.050	
21	613	547	66.7	58.8	55.7	69.2	436	464	67	95	SE 1	NE 1	10	10	0.170	
22	535	643	60.9	58.5	55.0	73.0	456	389	86	79	E 1	SE 1	10	1	0.020	T 2.15 p.—3 p.
23	748	766	65.7	57.7	48.0	68.0	436	441	70	93	WSW 1	Calm 0	5	3	0.065	
24	740	746	62.7	57.7	49.5	65.3	466	441	82	93	Calm 0	Calm 0	10	10	0.090	
25	733	816	56.7	55.9	49.3	65.3	392	380	85	85	W 1	NW 1	10	10	—	
26	845	29.876	58.2	56.5	54.1	63.4	387	387	80	85	NW 1	W 1	10	10	0.020	
27	934	30.054	59.7	55.7	53.0	63.0	394	371	77	84	NW 1	SE 1	10	10	0.120	
28	943	29.911	56.7	60.3	50.4	64.4	421	493	92	94	SW 3	WSW 4	10	10	0.110	
29	956	969	62.5	60.7	58.0	64.5	480	504	85	95	SW 4	WSW 3	10	10	0.350	(mist) p.
30	847	767	62.2	58.2	57.8	66.3	497	476	89	98	SW 3	SW 3	10	10	0.750	
31	29.714	29.725	58.2	53.8	52.0	63.8	418	363	86	87	W 2	W 2	8	10	0.060	
Means	29.944	29.951	58.4	54.2	47.7	64.7	369	365	75.1	85.4	2.0	1.3	7.1	5.7	2.940	

DUBLIN.

Height above Mean Sea Level, 51 feet. Long. 6° 15' W. Lat. 53° 20' N.
JUNE 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	54°	49°	57°	in.	in.	70	70	E by N 4	ENE 2	10	10	ins.	
2	30° 352	30° 356	51°	54°	49°	57°	297	319	70	70	ENE 3	ENE 3	8	7	034	with squalls p.
3	304	222	53°	54°	51°	63°	273	289	66	68	NE 5	ENE 3	8	7	034	Very warm and brilliant p.
4	148	069	57°	57°	51°	66°	267	355	58	76	NE 3	NNW 3	3	7	032	
5	126	163	53°	48°	48°	58°	258	224	64	65	NNE 4	NNW 2	8	1	—	
6	30° 150	30° 046	49°	53°	40°	53°	288	355	82	88	W by N 4	W by N 3	10	10	125	Dull and cold.
7	29° 954	29° 893	56°	53°	51°	61°	304	267	67	66	WNW 4	WNW 4	9	9	260	with squalls p.
8	689	773	52°	48°	48°	56°	286	267	73	78	NW 3	W 2	8	5	339	11.25 a. with squalls. [cold.
9	640	744	42°	46°	42°	52°	248	260	90	83	WNW 3	NW 2	10	5	115	1.30 p. T to South. Remarkably
10	751	779	51°	48°	41°	50°	297	300	79	86	W 1	SE 1	7	2	—	T to NW. 11 a. Noon.
11	856	898	57°	49°	41°	58°	307	289	65	82	E 3	Calm 0	3	2	—	Bright and fine.
12	940	905	58°	53°	41°	62°	314	308	64	75	ESE 3	S 1	2	1	057	Beautifully fine.
13	844	29° 868	56°	57°	48°	62°	390	382	86	81	SSE 4	S 4	9	10	053	with squalls a. Mild and unsettled.
14	29° 886	30° 080	56°	55°	47°	63°	410	341	90	76	NW 2	Calm 0	10	7	—	(mist) p.
15	30° 209	281	56°	55°	47°	63°	312	342	67	79	NW by N 3	NE 2	5	3	—	Very fine. (mist) p.
16	307	280	58°	58°	46°	65°	341	332	70	67	N 2	NNE 3	3	7	—	Very fine and warm. (mist).
17	206	205	56°	57°	54°	62°	367	398	81	85	N by N 5	ENE 4	10	9	—	a. and p.
18	245	30° 190	58°	60°	55°	63°	413	429	84	83	E 4	E 3	10	5	—	∞ a. and p. Sultry. [sp. ∞ p.
19	30° 105	29° 861	60°	59°	53°	65°	368	377	70	76	E 3	ESE 2	2	1	—	Very fine. Electrical cirri to N. 4 p.
20	29° 744	620	59°	56°	54°	62°	378	437	74	97	E by S 3	E by S 2	10	10	180	Very fine early a. (mist) a. Dull
21	590	531	59°	56°	53°	61°	429	427	85	94	E 2	E by S 1	9	3	274	(and wet day.)
22	556	666	61°	57°	54°	67°	460	401	85	83	S 1	S 2	6	2	030	Air very "steamy" p. (mist) p.
23	766	768	63°	60°	54°	68°	428	476	72	92	ESE 2	SW 1	5	6	173	early a. Brilliant p. with
24	745	740	61°	59°	54°	66°	437	454	79	88	WNW 1	WSW 1	6	8	144	showers inland.
25	762	796	58°	58°	55°	68°	452	407	93	95	W 3	Calm 0	10	3	148	6.40 p. Lunar 11.30 p. T.
26	828	29° 856	58°	58°	53°	64°	424	421	87	87	NE 2	R 1	10	3	—	to N. noon.—p. Torrents of
27	29° 952	30° 085	60°	60°	54°	66°	385	397	73	76	W 2	W 2	7	9	—	[over West of city.]
28	30° 097	055	59°	63°	53°	68°	406	460	81	77	SW 4	WSW 5	10	10	016	gp. (mist) a. ∞ from 4 p.
29	30° 071	30° 071	63°	62°	62°	67°	484	498	81	88	W by S 5	W by S 4	8	10	013	Squally p. Very warm.
30	29° 974	29° 855	61°	61°	60°	60°	429	442	80	81	WSW 4	SW 2	9	7	—	Unusually warm n. Squally a.
31	29° 744	29° 736	64°	57°	57°	67°	460	345	77	73	W by S 3	WNW 2	9	10	173	
Means	29° 952	29° 946	57°	56°	51°	63°	364	369	76°	80°	3°	2°	7°	6°	2° 166	

BIRR CASTLE, PARSONSTOWN.

Height above Mean Sea Level, 182 feet. Long. 7° 55' W. Lat. 53° 6' N.
JUNE 1880.

1	30° 330	30° 364	56°	51°	46°	61°	304	236	67	61	ENE 1.5	Calm 0	1	9	—	
2	324	232	55°	55°	48°	67°	263	287	58	65	NE 1	ENE 1	8	10	—	
3	160	113	59°	57°	49°	68°	288	359	57	76	N 1	N 4	3	10	—	
4	172	225	50°	45°	45°	58°	229	226	61	75	N 2	NNW 1	9	1	—	
5	212	30° 103	51°	51°	38°	56°	284	348	75	91	WNW 2	SW 0.5	10	10	040	
6	30° 007	29° 937	56°	49°	49°	63°	321	301	70	85	WNW 3	SW 1	10	10	269	
7	29° 765	821	51°	48°	45°	57°	291	262	76	76	W 4	WNW 2	10	10	269	
8	674	773	48°	47°	43°	57°	274	274	81	83	WNW 3	SW 1	6	10	088	
9	763	777	51°	48°	40°	60°	256	256	68	76	Calm 0	SW 0.5	5	9	010	
10	853	906	55°	45°	38°	61°	311	278	71	91	SSE 1	Calm 0	3	1	030	
11	933	872	57°	51°	37°	66°	332	282	70	75	SSE 0.5	SSE 3	5	10	054	
12	735	29° 777	57°	55°	49°	61°	414	396	87	90	SSE 5	SSE 4	10	10	034	
13	29° 921	30° 120	56°	51°	51°	64°	335	306	72	79	WSW 2	NNW 1	4	1	—	
14	30° 243	301	57°	55°	40°	62°	326	296	70	67	NW 2	NNW 3	7	10	—	
15	343	319	58°	53°	41°	67°	282	333	56	80	NNW 3	NNW 2	1	0	—	
16	137	196	55°	50°	45°	67°	419	375	94	75	N 2	NE 2	10	4	—	
17	213	30° 166	59°	60°	55°	68°	402	439	80	84	NE 3	E 1	10	10	—	
18	30° 029	29° 829	60°	59°	59°	75°	423	359	66	70	E 2	ESE 1	0	7	—	
19	29° 684	584	64°	55°	52°	68°	424	413	70	95	E 1	E 0.5	9	7	280	
20	563	525	60°	57°	54°	65°	391	445	74	95	SE 2	S 0.5	9	10	240	
21	533	659	62°	54°	54°	66°	420	394	75	92	SE 1	Calm 0	9	1	017	
22	747	769	62°	57°	50°	68°	417	431	73	90	SE 1	Calm 0	1	10	063	
23	753	755	60°	57°	56°	67°	431	439	82	93	WNW 1	Calm 0	10	10	130	
24	779	821	61°	56°	56°	68°	392	390	73	86	SW 2	Calm 0	7	3	—	
25	820	29° 864	59°	58°	56°	66°	423	448	82	92	NNE 1	NW 1	10	10	480	
26	29° 972	30° 105	60°	56°	52°	64°	400	331	77	72	WNW 1	W 1	10	10	060	
27	30° 072	075	57°	59°	50°	65°	433	490	91	95	SW 3	SW 3	10	10	208	
28	30° 088	30° 072	60°	59°	58°	63°	493	483	94	96	SW 3	SSW 4	10	10	140	
29	29° 970	29° 880	61°	59°	58°	67°	427	467	80	94	SSW 4	SW 2	10	7	060	
30	29° 750	29° 776	60°	53°	53°	65°	490	351	93	85	WSW 1	NW 1	10	10	066	
Means	29° 952	29° 956	57°	54°	49°	64°	363	357	74°	82°	2°	1°	7°	7°	2° 538	Drizzling almost incessantly during day.

DUNROBIN CASTLE.

Height above Mean Sea Level, 12 feet. Long. 3° 59' W. Lat. 57° 57' N.
JULY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	51°	49°	55°	in.	in.	%	%	NE	NE	—	—	ins.	Fine day. <

LAUDALE.

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

JULY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	54°5	51°0	60°5	ins.	ins.	79	79	W 2	Calm 0	1	5	ins.	
2	29°593	29°603	56°5	54°5	51°0	60°5	316	335	69	79	W 2	Calm 0	1	5	210	
3	536	549	53°0	50°0	45°2	61°0	352	419	87	93	S 2	S 1	2	1	140	
4	29°581	29°864	59°0	56°0	52°7	61°4	404	329	81	73	SE 2	SE 3	2	3	200	
5	30°046	30°135	59°0	53°3	48°0	62°9	344	318	69	78	N 2	Calm 0	3	1	—	
6	30°062	29°944	57°3	57°2	48°0	60°9	404	431	86	92	Calm 0	Calm 0	2	3	830	
7	29°734	29°689	58°9	55°0	54°7	64°4	431	375	88	87	Calm 0	Calm 0	10	10	040	
8	583	503	57°8	53°0	50°7	61°9	398	342	83	85	Calm 0	S 1	6	7	840	
9	459	510	50°8	56°0	48°9	61°5	351	365	94	81	Calm 0	S 2	8	7	—	
10	598	695	56°0	56°2	45°6	64°2	425	362	94	80	NW 1	NW 2	3	5	—	
11	750	29°901	53°0	57°0	51°6	62°0	347	377	86	81	NW 2	Calm 0	4	3	—	
12	29°970	30°010	57°0	53°0	52°1	60°0	372	322	80	80	Calm 0	Calm 0	2	2	—	
13	30°070	171	53°8	53°0	49°9	56°9	312	365	75	94	Calm 0	Calm 0	3	1	—	
14	178	261	59°5	58°0	53°0	60°5	354	347	70	72	E 1	E 1	9	10	200	
15	243	189	56°0	57°2	51°5	62°0	391	386	87	82	E 1	Calm 0	8	7	050	
16	401	082	57°3	61°0	47°4	69°0	377	410	81	77	Calm 0	E 1	9	6	—	
17	161	30°100	62°2	64°0	50°2	67°6	439	532	79	89	E 1	S 1	2	3	—	
18	30°052	29°038	62°0	58°6	50°1	66°0	456	359	82	73	Calm 0	Calm 0	3	0	—	
19	29°817	785	63°8	60°0	49°9	68°9	473	482	80	93	Calm 0	Calm 0	4	3	020	
20	29°902	29°992	60°8	55°0	53°3	67°6	410	375	78	87	SW 1	SW 1	2	3	—	
21	30°086	30°113	55°5	59°0	50°4	69°0	373	474	85	95	NW 2	NW 1	2	1	—	
22	058	30°095	56°4	54°0	46°8	62°9	425	403	93	97	Calm 0	N 1	4	3	—	
23	30°025	29°949	57°8	55°0	46°3	69°9	454	418	94	97	Calm 0	Calm 0	0	3	—	
24	884	787	61°4	59°0	53°9	67°2	407	500	92	100	Calm 0	N 1	5	10	120	
25	739	748	61°4	61°0	55°3	64°6	497	510	92	95	Calm 0	Calm 0	7	9	030	
26	796	763	63°0	54°0	51°0	67°0	533	418	93	100	E 1	Calm 0	4	3	—	
27	656	585	61°7	60°0	50°5	67°2	486	482	89	93	E 3	E 2	2	7	—	
28	719	644	58°2	58°0	55°3	60°0	398	433	82	89	E 2	E 2	7	10	080	
29	403	312	57°5	54°0	52°0	61°0	458	394	97	94	SE 2	SE 1	10	10	600	
30	404	455	55°8	53°0	50°9	61°2	419	347	93	86	W 4	W 1	9	8	040	
31	503	609	56°0	50°2	50°0	58°5	403	358	93	99	W 3	W 2	10	9	380	
Means	29°821	29°827	57°8	56°2	50°5	63°5	409	397	85°4	87°6	1°1	0°8	4°9	5°3	3°800	

DUNDEE.

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

JULY 1880.

1	29°527	29°558	58°5	52°4	52°4	60°7	371	366	76	93	NW 1	NW 1	10	10	750	T 1.30p. ● 2p.—8p.
2	583	552	60°5	54°4	47°2	62°7	349	394	66	93	SE 1	SE 1	5	10	050	
3	29°565	29°810	55°4	53°4	53°2	61°7	399	352	100	86	NE 1	NE 2	10	10	450	
4	30°007	30°116	58°5	51°4	51°2	65°7	300	353	61	93	NE 6	NE 1	5	10	—	
5	30°047	29°927	58°5	58°5	46°3	68°7	346	398	71	81	SW 1	W 2	5	10	050	
6	29°754	658	56°4	56°4	55°2	69°7	425	455	93	100	SW 1	NW 1	10	10	100	T 6.20p.
7	562	493	56°4	52°4	52°2	62°7	425	366	93	93	SE 1	W 1	10	10	100	Distant T during day.
8	434	508	57°5	52°4	50°2	64°7	383	366	81	93	SE 1	NE 1	5	10	—	
9	620	684	63°5	53°4	45°3	67°7	420	380	72	93	NW 1	NE 1	1	10	—	Distant T 2p.—4p.
10	740	29°851	61°5	54°4	50°2	63°7	416	394	77	93	W 1	NW 1	10	10	—	
11	29°931	30°003	60°5	55°4	51°2	64°7	374	382	71	87	NW 2	NE 1	5	10	150	
12	30°102	185	60°5	52°4	52°4	66°7	400	366	76	93	S 1	NE 1	5	10	—	
13	213	220	57°5	55°4	50°2	62°7	383	382	81	87	NE 2	NE 4	10	10	—	
14	249	257	62°5	51°4	51°4	64°7	377	353	67	93	E 4	E 1	5	5	—	
15	194	152	55°4	54°4	48°2	62°7	331	366	75	87	E 1	E 1	10	10	—	
16	193	30°142	57°5	54°4	53°2	68°7	383	424	81	100	E 1	SE 1	10	5	—	
17	30°033	29°041	55°4	54°4	54°2	67°7	439	394	100	93	SE 1	SE 1	10	10	—	
18	29°839	811	58°5	56°4	54°2	61°7	398	396	81	87	SE 1	NW 1	10	10	—	
19	29°890	29°983	60°5	54°4	51°2	64°7	374	366	71	87	NE 1	SE 1	10	10	—	
20	30°059	30°113	65°5	53°4	51°2	66°7	324	352	51	86	SW 1	SE 1	5	10	—	
21	112	089	58°5	53°4	49°2	67°7	346	352	71	86	SW 0°6	E 1	10	10	—	
22	30°072	30°035	57°5	51°4	50°2	64°7	383	328	81	86	SE 1	E 1	10	7	—	
23	29°959	29°867	60°5	55°4	48°2	66°7	400	410	76	93	SE 1	SW 1	7	10	—	
24	799	739	58°5	57°5	55°2	66°7	426	411	87	86	E 1	W 1	10	10	250	Distant T 0.30p.
25	782	781	65°5	56°4	50°2	74°7	453	425	73	93	SW 2	NE 1	0	7	—	
26	713	689	58°5	52°4	52°2	61°7	426	366	87	93	E 2	NE 1	10	10	—	Fresh breeze 11a.—7p.
27	702	719	57°5	53°4	51°2	62°7	333	380	70	93	E 1	E 1	10	10	400	
28	555	339	54°4	58°5	52°2	61°7	424	456	100	93	SE 4	SW 1	10	10	550	
29	342	385	58°5	53°4	51°2	62°7	323	304	66	74	W 2	W 2	10	10	—	
30	426	532	57°5	51°4	47°2	64°7	309	304	65	80	NW 2	NW 1	5	10	050	
31	29°579	29°594	56°5	52°4	48°2	65°7	298	292	65	74	W 2	W 1	5	10	150	
Means	29°825	29°830	58°8	54°1	50°8	65°1	380	375	76°9	89°3	1°6	1°2	8°0	9°5	3°050	

GLENALMOND.

Height above Mean Sea Level, 529 feet. Long. 3° 40' W. Lat. 56° 27' N.

JULY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°9	53°9	50°9	58°5	in.	in.	%	%	W	2	Calm	0	10	10	ins.
2	29°534	29°582	55°9	53°9	50°9	58°5	354	323	79	78	W	2	Calm	0	10	10	290
3	581	575	58°2	54°1	41°2	60°6	328	402	68	96	E	1	ENE	1	8	10	309
4	29°577	29°806	55°0	54°7	52°1	60°1	427	358	99	84	E	1	ENE	3	10	10	226
5	30°011	30°083	55°9	56°0	49°2	63°5	296	317	66	70	N	3	N	3	7	9	—
6	30°067	29°942	55°9	57°8	43°9	61°0	318	392	71	82	S	3	SW	3	5	9	045
7	29°766	669	56°0	58°7	53°8	66°9	419	379	93	77	SW	1	SW	1	10	9	036
8	578	508	57°0	51°1	44°9	60°7	377	370	81	98	ENE	2	Calm	0	9	10	486
9	425	507	58°8	50°1	49°9	59°7	360	338	73	93	SW	1	Calm	0	8	3	165
10	622	687	59°9	53°9	45°2	66°1	370	405	72	98	ENE	2	Calm	0	4	3	—
11	739	29°868	56°5	53°0	49°0	63°0	271	374	59	93	Calm	0	Calm	0	10	10	107
12	29°920	30°012	59°0	53°0	51°3	61°8	326	400	65	99	NW	3	Calm	0	9	10	630
13	30°095	172	56°9	53°7	51°0	63°0	400	396	87	96	Calm	0	E	1	7	10	116
14	189	238	58°7	55°8	50°9	60°4	379	388	77	87	E	3	E	3	8	10	069
15	243	247	59°9	49°8	49°8	60°9	358	317	70	88	E	3	ENE	1	9	1	—
16	188	113	55°3	53°0	47°9	61°6	291	397	67	99	ENE	3	N	1	10	8	007
17	178	30°125	56°0	58°1	50°0	68°9	365	450	81	92	Calm	0	Calm	0	10	2	—
18	30°052	29°923	57°8	57°1	53°9	74°2	457	458	95	98	Calm	0	E	1	10	10	006
19	29°838	830	54°0	55°8	52°8	61°1	415	425	99	95	Calm	0	Calm	0	10	10	092
20	29°880	29°984	59°0	53°1	49°0	64°0	362	405	73	100	Calm	0	Calm	0	8	10	570
21	30°059	30°091	56°6	52°0	46°3	65°7	284	361	62	93	WNW	4	NE	1	4	4	—
22	109	30°083	56°0	56°1	50°0	64°0	338	369	75	81	Calm	0	Calm	0	7	7	—
23	30°074	49°997	55°4	50°4	50°4	66°1	248	333	80	91	Calm	0	Calm	0	7	2	—
24	29°072	914	54°5	57°9	47°5	64°5	355	446	84	93	NE	2	SE	2	10	10	090
25	797	757	57°9	54°9	53°3	62°7	416	402	87	93	E	1	Calm	0	10	8	030
26	778	766	63°1	56°0	46°3	69°8	413	391	72	87	SW	3	ENE	2	3	1	—
27	728	639	56°1	57°9	48°9	59°7	418	455	92	95	E	2	ENE	2	10	10	—
28	703	722	54°1	51°7	50°1	57°9	309	379	74	99	NE	3	NE	2	10	10	655
29	547	326	53°0	56°1	50°5	56°1	403	448	100	99	E	4	SW	3	10	10	—
30	344	447	56°0	56°0	50°0	61°0	340	349	75	75	SW	3	S	2	7	6	109
31	406	597	57°0	50°0	42°0	66°0	304	286	65	80	W	3	W	3	5	5	—
31	29°641	29°648	55°0	49°5	44°0	61°0	270	271	63	77	NW	3	SW	2	4	3	—
Means	29°827	29°835	56°8	54°2	48°9	62°9	357	380	77°5	89°9	1°8		1°2	8°0	7°4	4°038	

PINMORE.

Height above Mean Sea Level, 187 feet. Long. $4^{\circ} 59' W.$ Lat. $55^{\circ} 14' N.$

JULY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°	49°	49°	60°	ins.	ins.	85°	85°	NW	SW	—	—	ins.	
2	29° 626	29° 605	55°	49°	49°	60°	365	214	85	62	NW	SW	—	—	050	
3	29° 579	29° 556	56°	55°	49°	64°	370	382	80	86	S	S	—	—	190	
4	29° 546	29° 763	60°	56°	52°	67°	418	407	80	90	SW	N	—	—	050	
5	30° 017	30° 148	64°	51°	49°	68°	372	328	60	85	NW	NW	—	—	—	
6	30° 127	30° 047	58°	56°	48°	60°	380	436	78	96	NW	NW	—	—	440	
7	29° 773	29° 732	57°	55°	55°	63°	449	420	95	96	NW	NW	—	—	030	
8	29° 591	29° 560	57°	52°	49°	62°	386	345	82	88	N	N	—	—	010	
9	29° 501	29° 527	58°	55°	50°	61°	446	395	91	89	NW	NW	—	—	—	
10	29° 625	29° 757	63°	53°	45°	67°	403	378	70	91	NW	NW	—	—	020	
11	29° 805	29° 922	57°	53°	53°	62°	375	364	80	88	NW	NW	—	—	—	
12	30° 011	30° 051	57°	55°	52°	63°	350	354	74	86	NW	N	—	—	—	
13	30° 111	30° 122	62°	53°	40°	68°	336	351	60	85	N	NE	—	—	—	
14	30° 140	30° 147	60°	56°	49°	63°	391	407	75	90	NE	E	—	—	200	
15	30° 157	30° 159	58°	55°	53°	66°	397	371	81	83	E	E	—	—	250	
16	30° 080	30° 090	53°	53°	51°	60°	351	378	85	91	E	SE	—	—	160	
17	30° 116	30° 122	64°	57°	52°	74°	449	440	75	92	S	S	—	—	—	
18	30° 044	30° 896	68°	54°	48°	71°	495	394	71	93	SE	S	—	—	—	
19	29° 797	29° 843	57°	55°	45°	59°	425	415	91	93	S	NW	—	—	530	
20	29° 917	29° 980	57°	55°	52°	64°	402	409	85	92	NW	NW	—	—	020	
21	30° 064	30° 116	59°	48°	48°	66°	344	333	69	91	N	N	—	—	—	
22	30° 137	30° 069	58°	55°	37°	70°	341	370	85	86	N	N	—	—	—	
23	30° 003	29° 971	64°	58°	49°	71°	439	427	72	87	N	W	—	—	030	
24	29° 907	29° 843	64°	58°	54°	68°	395	410	65	85	S	SW	—	—	—	
25	29° 704	29° 777	62°	57°	56°	67°	474	422	85	91	S	S	—	—	—	
26	29° 815	29° 797	64°	58°	54°	71°	443	439	73	91	S	S	—	—	030	
27	29° 636	29° 618	59°	57°	51°	64°	422	394	85	85	SE	SE	—	—	490	
28	29° 620	29° 650	53°	52°	52°	66°	378	366	91	91	SE	NW	—	—	690	
29	29° 421	29° 428	60°	54°	52°	67°	495	393	94	92	SW	NW	—	—	—	
30	29° 455	29° 530	56°	52°	52°	62°	380	352	84	90	NW	NW	—	—	050	
31	29° 554	29° 593	55°	53°	50°	61°	344	313	77	78	N	N	—	—	040	
Means	29° 676	29° 650	55°	53°	49°	62°	333	333	75	82	N	N	—	—	3° 250	

SCALEBY.

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

JULY 1880.

1	20°6'18	20°6'04	56°8	52°8	53°0	61°5	*371	*369	80	92	W	3	W	4	7	3	—
2	*595	*549	59°8	56°8	56°8	66°0	*389	*428	76	92	W	5	Cal'm	0	10	10	*090
3	*528	20°7'07	59°8	55°8	53°0	65°8	*409	*413	79	92	S	1	W	4	10	10	*970
4	20°8'70	30°1°06	58°6	56°3	52°5	64°0	*306	*352	62	78	NW	7	Cal'm	0	6	7	—
5	30°0°05	30°0°02	56°8	57°3	46°0	64°5	*346	*451	75	96	SW	3	SW	5	10	10	*010
6	20°8'11	20°7'03	58°3	57°8	55°0	64°0	*381	*415	79	86	SW	5	SW	3	10	10	*010
7	*576	*505	58°3	52°3	52°0	64°0	*394	*375	81	96	SW	5	Cal'm	0	10	3	*160
8	*465	*505	54°8	53°8	48°0	61°0	*382	*356	89	85	Cal'm	0	Cal'm	0	10	7	*060
9	*605	*719	57°3	52°8	50°0	65°0	*399	*369	85	92	Cal'm	0	Cal'm	0	6	2	—
10	*779	20°8'77	60°3	56°8	47°5	65°0	*397	*346	76	75	SW	3	NE	3	10	10	—
11	20°9'72	30°0°56	58°8	55°8	54°0	65°1	*374	*358	76	80	SW	3	SW	1	10	10	—
12	30°1°04	*097	61°8	56°8	51°5	65°0	*524	*400	95	86	W	2	NE	1	8	10	*240
13	*148	*133	54°3	56°8	53°0	60°0	*375	*400	89	86	E	3	E	3	10	10	*1310
14	*154	*147	58°8	55°8	54°0	60°2	*424	*413	86	92	NE	4	E	5	10	10	*230
15	*068	*092	54°8	56°3	53°2	57°5	*370	*406	86	89	E	6	NE	4	10	10	*080
16	*143	30°1°04	62°8	57°8	55°0	69°2	*430	*430	76	89	NE	3	N	2	2	0	—
17	30°0°36	20°8'96	58°3	61°8	55°1	72°8	*422	*485	87	88	Cal'm	0	Cal'm	0	10	10	*520
18	20°7'78	*797	59°8	56°8	55°0	64°2	*465	*459	91	99	NE	1	Cal'm	0	10	10	*530
19	20°8'70	20°9'79	56°6	54°8	54°0	64°0	*425	*412	93	95	Cal'm	0	Cal'm	0	10	10	*290
20	30°0°62	30°1°24	60°3	58°8	51°5	67°0	*358	*446	69	90	E	2	Cal'm	0	0	10	—
21	*062	30°0°62	58°8	53°8	49°2	68°0	*416	*356	84	85	Cal'm	0	E	2	10	10	—
22	30°0°30	20°9'69	59°8	54°8	53°5	67°2	*369	*370	72	86	E	4	E	3	5	10	—
23	20°9'47	*898	60°8	58°8	50°5	70°0	*433	*416	82	84	E	2	Cal'm	0	8	10	*010
24	*796	*771	60°8	58°5	54°0	65°0	*464	*441	87	90	SW	1	Cal'm	0	10	10	—
25	*817	*803	64°6	57°8	53°0	69°5	*444	*444	74	92	SW	2	Cal'm	0	3	4	*080
26	*626	*595	59°8	57°3	53°0	62°0	*462	*393	90	84	Cal'm	0	E	2	10	10	*260
27	*647	*707	54°8	57°3	53°0	67°5	*397	*393	92	84	NE	1	E	1	10	5	*570
28	*506	*432	61°6	60°8	53°0	67°2	*482	*419	88	79	SW	2	W	4	10	10	*360
29	*427	*521	57°8	53°3	48°0	68°5	*386	*362	81	89	W	4	W	3	10	5	—
30	*514	*572	59°3	52°3	48°0	64°0	*344	*324	69	82	SW	5	SW	3	10	10	*190
31	20°6'67	20°6'44	53°3	51°8	45°7	60°3	*362	*343	89	88	SW	3	Cal'm	0	3	3	*050
Means	20°8'16	20°8'29	58°7	56°1	51°8	65°0	*403	*398	81°9	87°8		2°6		1°7	8°3	8°0	6°020

$\text{K} \bullet^2$ (0°05 in. fell in 1 hour.)

DURHAM.

Height above Mean Sea Level, 336 feet. Long. $1^{\circ} 35' \text{ W.}$ Lat. $54^{\circ} 45' \text{ N.}$

JULY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	10 a.m.	10 p.m.	10 a.m.	10 p.m.	Min.	Max.	10 a.m.	10 p.m.	10 a.m.	10 p.m.	10 a.m.	10 p.m.	10 a.m.	10 p.m.			10 a.m.
	ins.	ins.	61°8	50°3	49°8	66°1	in.	in.	°/o	°/o					ins.		
1	29°575	29°635	61°8	50°3	49°8	66°1	°374	°329	68	90	NW	1°3	SSW	0°8	8	2	—
2	°617	°571	61°1	53°5	43°7	68°2	°406	°373	77	91	S	3°4	SSW	0°9	10	3	—
3	°550	29°740	59°8	54°3	50°6	66°6	°420	°402	82	95	S	2	N	1°4	10	10	°047
4	29°034	30°100	51°8	45°2	44°4	59°0	°359	°287	93	96	N	2°4	WNW	0°8	10	0	—
5	30°057	29°946	65°1	57°0	43°5	72°1	°388	°414	63	89	NW	1°4	SSW	0°8	4	10	°050
6	29°803	°705	59°0	58°2	56°1	70°8	°422	°424	85	87	SW	2	SW	2°3	10	10	°100
7	°564	°498	62°6	51°7	51°5	68°5	°368	°334	65	87	SW	2	SW	0°7	6	2	—
8	°460	*541	54°3	52°5	46°1	62°1	°322	°384	77	98	SW	1°2	SW	0°5	10	10	°221
9	°628	*744	66°7	47°0	46°2	69°9	°420	°316	64	98	SSW	0°9	WSW	0°5	7	0	°020
10	*765	29°005	64°8	60°2	43°4	72°0	°421	°469	69	91	NNW	0°4	S	0°3	8	0	°082
11	29°992	30°070	64°9	52°0	50°6	72°5	°440	°338	72	87	N	0°4	W	0°2	7	3	—
12	30°110	*135	58°3	53°4	49°2	66°4	°397	°403	82	98	SW	0°8	Calm	0	10	10	°630
13	*115	*140	57°9	55°4	53°4	58°9	°434	°427	90	97	NE	0°5	NE	0°7	10	10	°518
14	*174	*136	59°2	54°9	54°5	60°1	°433	°422	87	98	NE	0°9	NE	2°3	10	10	°230
15	*072	*108	56°2	55°9	54°9	56°7	°422	°430	93	96	NE	0°9	NE	0°8	10	10	°292
16	*150	30°126	59°7	54°9	54°5	60°4	°467	°414	92	96	NE	0°7	Calm	0	10	10	—
17	30°008	29°850	64°6	57°6	53°3	68°5	°472	°454	78	95	SSE	0°5	Calm	0	0	10	°192
18	29°764	*790	68°3	55°3	55°3	73°0	°466	°423	67	97	W	0°7	WSW	0°6	6	10	°395
19	29°908	29°989	55°8	51°7	50°8	59°1	°417	°370	93	96	NNE	0°8	NNE	0°4	10	10	°192
20	30°074	30°099	60°2	54°0	49°8	64°3	°401	°368	77	88	Calm	0	SSE	0°2	7	10	—
21	*097	*091	59°3	53°2	49°4	65°0	°377	°380	75	94	ENE	0°2	Calm	0	10	10	—
22	30°024	30°008	64°7	52°4	46°6	68°8	°401	°346	65	88	ENE	0°6	E	0°2	5	0	—
23	29°959	29°890	60°8	56°9	49°6	68°5	°419	°394	79	88	S	0°8	S	0°6	10	10	°034
24	*789	*781	63°3	54°4	53°5	67°3	°470	°412	81	97	S	0°9	SW	0°3	10	1	°068
25	*804	*794	67°1	57°0	46°5	76°3	°446	°443	67	95	SW	0°8	NNW	0°6	6	9	°060
26	*612	*615	60°2	55°7	55°2	64°9	°480	°432	94	97	ENE	0°5	NE	0°3	10	10	°360
27	*693	*683	55°7	52°2	50°7	67°1	°429	°374	96	96	E	0°3	SW	0°5	10	10	°458
28	*499	*446	63°7	57°7	51°8	66°1	°503	°427	85	90	S	3°3	SSW	1°2	10	6	°228
29	*420	*494	58°8	51°2	51°1	67°1	°419	°319	85	84	SW	0°4	SW	0°8	10	5	—
30	*493	*588	60°9	49°7	47°3	68°0	°310	°318	58	89	SW	1°4	WNW	0°8	7	9	—
31	29°647	29°639	61°3	49°0	46°2	68°2	°326	°322	60	93	NW	0°9	WSW	0°8	7	0	—
Means	29°818	29°834	60°9	53°7	50°0	66°5	°414	°385	78°0	92°9	1°1		0°7	8°3	6°8	4°177	

DOUGLAS, ISLE OF MAN.

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

JULY 1880.

	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.
1	29° 67'3		55° 3	54° 0	51° 8	60° 0	*372	*380	85	91	WNW 4	SW 2	10	6	'010			
2	'616	*523	55° 6	55° 0	53° 1	60° 5	*414	*415	93	96	S 2	SSW 1	10	9	'065			
3	29° 57°0	29° 74°5	56° 7	55° 5	51° 8	63° 5	*401	*403	87	91	W 2	NW 2	10	3				D ² p.
4	30° 02°7	30° 13°0	60° 8	51° 8	51° 8	63° 5	*360	*316	68	82	NNW 3	NW 3-4	2	3				
5	30° 13°2	30° 04°5	58° 2	59° 0	49° 2	62° 3	*360	*424	74	86	WNW 2	W 2	6	10	'152			
6	29° 85°8	29° 70°3	56° 5	57° 6	54° 1	64° 4	*433	*457	95	96	SW 4	SW 2	10	10	'070			
7	'614	*525	56° 6	50° 7	50° 7	61° 0	*357	*345	77	93	W 3	Calm 0	8	4				p p.
8	'495	*514	57° 0	53° 1	49° 7	57° 6	*346	*373	74	92	W 3	Calm 0	8	8	'071			p p.
9	'640	*530	58° 8	53° 0	45° 2	65° 1	*383	*366	77	91	W 3	Calm 0	6	1				
10	29° 81°8	29° 93°3	56° 3	53° 9	44° 9	62° 4	*382	*364	84	88	NW 4	WNW 2	9	6				
11	30° 05°4	30° 06°4	59° 5	54° 9	50° 8	63° 6	*349	*382	68	89	NW 3	Calm 0	7	9				
12	*107	*124	56° 8	53° 3	49° 9	61° 7	*408	*390	88	96	E 2	ESE 1	9	10	'530			● ² 7p.-10p.
13	*109	*103	55° 5	55° 7	52° 5	59° 2	*415	*419	94	95	NE 2	NE 3	10	10	'136			● till ip. T
14	30° 09°6	*087	62° 7	56° 0	53° 6	63° 0	*412	*427	95	84	NE 4	NE 4	7	10	'200			⊗ (mist) ga.
15	29° 59°8	*031	55° 0	59° 7	54° 3	63° 0	*412	*427	95	84	NE 4-5	E 2	10	10	'205			● ² T till ip.
16	30° 11°5	30° 11°5	60° 6	55° 0	55° 0	68° 2	*458	*406	86	94	E 3	Calm 0	7	1				⊗ (mist) ga. and gp.
17	30° 04°3	29° 00°7	63° 4	60° 0	52° 3	71° 1	*491	*398	84	77	SE 1	NW 1	7	9	'500			p ² a. ⊗ (mist).
18	29° 81°0	*832	55° 4	57° 1	52° 5	61° 2	*427	*442	97	94	W 3	SW 4	10	9	'175			
19	29° 92°5	29° 06°8	59° 0	56° 2	53° 4	63° 8	*388	*388	78	86	WNW 3	WNW 3	7	8				
20	30° 07°3	30° 11°2	62° 4	52° 4	50° 0	66° 1	*407	*349	78	83	NNW 3	WNW 3	7	0				D ² p.
21	'089	30° 03°0	57° 5	51° 2	44° 6	62° 4	*359	*319	76	84	SE 3	Calm 0	2	3				p a. T ⁰ . p ² p.
22	30° 00°7	29° 96°1	59° 7	59° 0	51° 0	64° 8	*360	*470	70	95	E 3-4	ESE 2	7	10				⊗ (mist) a.
23	29° 03°7	*850	57° 7	55° 9	54° 2	63° 9	*433	*432	85	97	S 2	ESE 3	8	10	'025			
24	'783	*818	58° 0	54° 5	54° 4	60° 3	*457	*405	94	94	SW 2	S 1	10	9				⊗ before ga.
25	'825	*786	62° 9	57° 0	53° 4	64° 2	*463	*434	81	93	S 2	ESE 2	4	6	'090			⊗ before ga. p ² ● p.
26	*562	*564	58° 8	58° 4	56° 2	59° 6	*470	*444	95	87	ENE 3	ENE 3	10	10	'680			
27	'649	*078	60° 4	57° 8	55° 0	65° 4	*439	*457	84	95	W 5	SSW 3	6	9	'085			
28	*465	*466	58° 8	57° 9	54° 0	64° 1	*483	*431	97	90	SSW 4	WNW 3	10	3				⊗ (mist) ga.
29	*480	*537	57° 5	51° 7	51° 5	62° 8	*389	*365	82	95	NW 3	NW 1	10	6	'610			● ² 2p. and 5.35p.-8p.
30	*564	*620	56° 6	52° 8	48° 7	60° 4	*352	*321	77	80	WNW 4	WNW 5	7	7				
31	29° 72°6	29° 63°6	58° 0	55° 0	48° 1	61° 3	*323	*406	67	94	WNW 4	Calm 0	6	9	'080			
Means	20° 83'4	20° 81'1	58° 3	55° 3	51° 5	62° 9	*404	*396	82'7	90'2		5° 0	1° 9	7° 7	7° 0	4° 46'4		

WAKEFIELD.

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

JULY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°0	55°6	53°2	63°8	357	340	07	82	W 1	W 1	10	0	ins.	
2	29°641	29°693	59°8	58°0	45°1	64°6	397	413	77	85	WSW 2	S 1	8	10	0	
3	588	29°671	58°4	56°4	54°4	62°2	385	424	79	93	SW 2	NW 2	10	10	0	
4	29°923	30°101	57°2	53°0	52°9	61°1	348	325	74	81	NNW 5	N 3	8	2	—	
5	30°112	30°085	60°6	58°0	45°7	66°0	391	391	75	81	N 3	WSW 3	3	5	—	
6	29°925	29°795	61°0	58°7	56°8	63°8	406	444	76	91	SW 3	SSW 2	10	10	0	
7	654	569	59°8	53°2	53°2	63°2	377	330	73	81	SW 2	W 3	10	5	0	
8	513	566	54°2	55°2	49°9	61°9	353	371	84	85	SSW 3	WSW 1	8	9	0	
9	640	758	59°9	57°0	52°6	65°9	367	375	72	80	SW 1	SW 1	7	5	0	
10	29°819	29°931	61°9	54°7	49°8	69°3	346	329	63	77	W 3	W 3	4	0	—	
11	30°068	30°091	60°8	59°0	51°7	67°8	335	357	63	72	WNW 3	WSW 1	3	10	—	
12	115	124	61°0	56°4	55°4	65°7	375	415	71	91	WSW 1	W 1	4	10	0	
13	114	107	58°4	56°2	54°2	62°8	436	415	89	91	E 2	NE 1	10	10	0	
14	115	107	56°2	56°0	53°8	60°0	444	418	98	92	ENE 2		10	10	0	
15	032	048	56°8	59°6	55°2	60°0	441	462	95	91	E 1	NE 2	10	10	0	
16	157	30°131	58°8	60°2	56°6	66°8	443	479	90	92	NNE 2		10	10	—	
17	30°064	29°926	61°5	62°3	55°6	67°9	505	541	93	96	ENE 2	ENE 2	10	10	0	
18	29°813	29°902	66°8	59°2	57°2	67°8	477	431	73	86	SSW 1	WSW 2	6	7	0	
19	29°924	30°006	62°1	56°2	55°9	64°8	412	377	75	84	WSW 3	W 3	8	2	0	
20	30°083	094	58°1	60°3	52°6	64°6	391	418	81	80	NNW 3	SSE 2	8	6	—	
21	106	094	57°1	56°2	47°1	68°8	401	355	86	78	NNW 2	ENE 3	10	4	—	
22	30°040	30°021	60°2	57°9	51°4	64°8	385	381	74	80	E 3	E 2	5	2	—	
23	29°998	29°907	57°2	61°2	52°2	65°8	404	475	86	89	SSE 2	NW 1	10	10	1800	
24	848	811	61°5	58°0	53°6	61°8	436	454	81	94	S 1	S 1	10	10	0	
25	873	826	63°6	62°0	52°4	70°4	415	465	71	84	WSW 1	E 1	5	8	0	
26	620	567	57°0	55°2	54°2	65°4	418	406	89	93	E 1	N 3	10	10	0	
27	714	758	55°5	59°2	54°2	68°8	424	403	96	80	SSE 2	E 3	10	6	0	
28	587	511	65°0	62°2	51°5	70°1	492	498	81	89	S 3	SSW 1	9	7	0	
29	485	566	59°1	56°2	55°6	64°6	427	365	85	81	SW 1	W 3	10	4	0	
30	563	606	60°2	53°6	50°7	64°6	365	317	70	76	SW 2	W 3	3	2	—	
31	29°718	29°688	57°0	51°2	50°1	63°8	284	319	61	85	W 4	SW 2	4	0	—	
Means	29°857	29°862	59°6	57°3	52°7	65°1	401	403	79°0	85°2	2°2	2°0	7°8	6°6	7°190	

KELSTERN.

Height above Mean Sea Level, 388 feet. Long. 0° 7' W. Lat. 53° 24' N.

JULY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°636	29°600	61°7	50°9	50°9	71°5	425	330	78	89	W 1	WNW 1	7	1	0	
2	724	672	59°1	57°1	44°1	60°7	400	433	80	92	SW 2	SW 3	6	8	0	
3	644	29°659	57°2	54°3	52°9	65°4	382	393	82	92	SW 5	SW 1	8	6	0	
4	29°815	30°092	55°7	48°2	48°2	59°6	412	281	93	84	NW 4	NW 3	10	1	0	
5	30°097	30°090	61°8	55°1	42°6	68°6	407	377	74	87	WNW 3	WNW 2	7	6	—	
6	29°960	29°833	61°2	56°8	50°7	63°5	430	446	80	96	WSW 3	WSW 4	5	10	0	
7	663	573	59°8	52°8	52°0	63°8	437	382	85	95	SW 2	SW 1	8	8	0	
8	543	617	58°0	54°2	47°7	62°9	381	379	79	91	SW 2	W 1	8	7	0	
9	709	785	56°1	53°1	49°6	65°8	397	373	88	92	SW 2	Calm	0	7	0	
10	29°819	29°730	61°3	53°5	46°0	68°8	403	386	76	95	SW 2	W 1	4	1	0	
11	30°027	30°100	63°8	56°0	45°8	68°9	403	396	68	88	W 3	W 1	5	7	—	
12	132	137	60°2	56°9	53°9	69°4	361	407	69	88	NW 1	SW 1	6	10	0	
13	129	126	60°6	56°2	52°6	64°4	427	439	81	98	SE 1	SE 1	9	10	0	
14	144	099	56°7	56°8	51°7	60°2	441	444	96	95	SE 1	E 2	10	10	0	
15	022	054	56°8	56°9	54°8	64°4	444	464	95	100	SE 3	NW 1	10	10	0	
16	129	30°132	59°1	55°1	54°7	61°6	494	431	98	99	NE 1	ENE 1	10	10	—	
17	30°062	29°971	58°6	57°7	54°6	65°3	407	464	95	97	N 1	ENE 1	10	10	—	
18	29°860	29°897	62°9	58°0	55°0	69°8	492	389	87	81	WSW 3	WSW 1	8	5	—	
19	29°934	29°994	60°2	57°6	53°8	69°6	418	425	80	89	WSW 2	WNW 1	4	6	—	
20	30°057	30°136	60°6	53°2	48°0	63°2	419	369	80	91	WNW 1	ESE 1	8	8	—	
21	092	084	62°2	54°4	47°0	66°8	424	391	76	93	W 1	ESE 1	4	10	—	
22	051	30°046	58°2	51°6	51°6	62°6	379	338	80	88	ESE 1	E 1	7	1	—	
23	30°017	29°924	56°9	61°0	47°0	67°3	399	498	86	93	ESE 2	SE 2	10	10	—	
24	29°874	822	61°3	58°6	55°0	61°7	475	464	88	94	SSW 1	W 1	9	8	0	
25	887	837	63°7	62°1	53°0	71°7	428	461	73	83	SW 2	Calm	0	5	7	
26	626	525	57°9	55°2	54°5	63°5	473	433	99	99	SE 3	ESE 5	10	10	0	
27	710	786	55°8	56°7	53°6	61°6	439	415	98	90	SE 1	WSW 1	10	6	0	
28	649	567	60°8	61°3	51°4	66°2	492	483	93	90	SSW 4	SSW 3	8	9	0	
29	489	591	62°2	52°7	51°1	63°1	469	357	84	89	SSW 2	SSW 3	8	2	0	
30	580	610	56°6	51°7	48°5	60°7	416	342	90	89	SW 3	SW 2	8	6	0	
31	29°701	29°722	57°7	50°2	47°6	64°4	351	334	73	93	WNW 3	WNW 1	6	5	0	
Means	29°864	29°874	59°5	55°4	50°6	65°1	426	404	84°0	91°6	2°1	1°5	7°0	6°9	5°375	

LLANDUDNO.

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

JULY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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	56°4	54°0	61°0	367	369	80	81	N	1	W	2	10	9	ins. —
2	29°712	29°702	58°9	57°0	54°8	65°0	367	369	80	81	N	1	W	2	10	10	310 Very fine p.
3	650	585	58°9	57°0	54°8	65°0	367	369	80	81	W	1	W	2	10	10	310 Showery and cold.
4	29°605	29°742	54°9	55°0	53°8	59°8	349	373	83	81	W	0°6	NW	1	10	2	104 Very fine.
5	30°025	30°187	59°6	54°5	54°3	63°5	369	348	72	82	N	1	WNW	1	1	0	— Very fine.
6	30°178	30°121	61°7	59°4	52°0	65°3	375	413	69	82	W	1	W	1	2	10	—
7	29°928	29°775	59°4	57°1	57°0	63°7	433	447	87	96	SW	2	W	1	10	10	140
8	662	575	57°7	53°9	53°7	63°0	374	346	79	83	W	1	W	2	10	2	456
9	547	585	55°4	54°8	51°0	60°3	366	377	90	89	W	1	W	3	10	10	067 Cold and showery.
10	672	762	58°7	55°6	53°0	64°7	400	388	82	88	W	0°6	WNW	0°6	8	4	—
11	29°824	29°991	60°3	55°1	49°2	64°0	419	384	81	88	WNW	1	W	1	10	1	013
12	30°078	30°103	61°4	56°0	52°6	67°3	353	410	65	91	W	0°6	N	0°6	1	10	060 Fine till 5 p., then showers.
13	112	118	63°2	56°4	53°5	64°6	413	425	72	93	N	1	SE	0°6	0	10	335
14	079	087	58°7	59°1	54°6	63°3	412	441	84	88	SE	0°6	N	1	10	10	— T in forenoon,
15	30°078	051	59°1	58°6	55°6	61°6	412	430	82	88	E	1	E	3	9	10	1155 $\frac{3}{4}$ (mist) ga. T from 11 a.
16	29°929	040	54°8	58°4	53°4	64°0	374	420	87	87	E	2	N	1	10	3	380 $\frac{1}{2}$
17	30°101	30°107	67°0	60°0	52°4	68°4	407	453	71	88	WNW	0°6	N	0°6	0	10	— Very fine and warm. $\frac{1}{2}$
18	30°048	29°891	67°8	62°0	56°2	71°7	593	511	74	92	WNW	1	WNW	0°6	0	10	900 Fine till 6.30 p., then $\frac{1}{2}$
19	29°855	29°875	58°0	58°1	56°2	64°0	454	391	94	81	WNW	1	SW	2	10	10	425 $\frac{1}{2}$ (one peal) at night,
20	29°943	30°008	55°3	57°7	54°7	63°0	416	413	95	87	NW	1	NW	1	10	6	— Fine after 11 a. $\frac{1}{2}$
21	30°100	139	60°0	54°7	54°3	62°8	396	453	76	83	W	1	NW	1	0	0	— Very fine.
22	30°095	30°038	59°8	58°3	49°0	60°9	384	400	75	82	N	1	NE	1	1	10	— Very fine.
23	29°974	29°966	62°2	62°3	56°6	69°9	459	470	82	84	S	1	SE	1	3	4	— ∞ a. and p.
24	946	876	64°0	60°9	55°6	66°2	449	412	75	78	S	0°6	W	1	1	10	095
25	831	800	62°0	58°0	54°4	64°3	472	481	91	87	W	0°6	S	1	10	8	766
26	858	766	64°1	61°4	54°0	65°0	482	481	92	92	W	0°6	E	1	6	10	820 Fine from 3 p.
27	530	553	58°8	59°8	55°3	63°1	383	402	67	90	SE	1°0	E	0°6	10	10	114
28	690	711	61°9	59°7	56°0	67°0	461	400	84	78	SW	1°0	SW	1	3	10	277
29	519	523	62°7	60°6	56°5	68°0	524	439	92	83	SW	0°6	SW	0°6	10	10	030
30	503	579	57°7	57°5	56°0	64°4	394	399	83	84	W	0°6	SW	1	10	3	—
31	592	672	58°7	54°3	54°0	59°3	353	346	72	83	W	1	WNW	1	7	8	128 Fine till 1 p., then showers.
31	20°777	20°691	58°6	55°7	52°3	63°3	352	366	72	83	W	1	W	2	7	9	—
Means	29°853	29°859	59°9	57°7	54°0	64°3	413	410	80°4	86°0	0°9		1°2	6°4	7°4	6°665	

HILLINGTON, NORFOLK.

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

JULY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	51.1	51.1	68.4	in.	in.	84	97	NW 1	NW 0.5	10	10	ins.	2.2 a. 9a.
2	29.650	29.693	62.3	51.1	51.1	68.4	in.	in.	84	97	NW 1	NW 0.5	10	10	ins.	(mist) early a. 2.2 p.
3	29.666	29.648	62.1	53.3	53.3	67.5	in.	in.	84	97	SW 5	SW 1	8	6	ins.	2.2 a. 9a.
4	29.786	30.062	57.5	53.2	50.5	59.4	in.	in.	88	83	NW 5	NW 3	10	3	ins.	2.2 a. 9a. 2.30p. (very heavy 10.45a. [11.15a.])
5	30.121	30.091	58.8	56.8	48.1	69.1	in.	in.	83	76	NW 3	NW 1	7	9	ins.	
6	30.002	29.871	62.1	57.6	47.5	66.4	in.	in.	80	95	SW 4	SW 4	10	10	ins.	
7	29.706	29.576	59.5	52.0	52.0	62.9	in.	in.	88	99	SW 4	SW 0.5	10	10	ins.	
8	29.777	29.641	60.0	56.7	48.9	65.3	in.	in.	88	99	SW 5	SW 1	7	9	ins.	
9	29.733	29.802	64.2	52.5	51.2	68.9	in.	in.	92	96	SW 2	SW 1	6	7	ins.	
10	29.830	29.922	63.7	57.8	47.9	69.1	in.	in.	86	99	SW 1	W 0.5	7	9	ins.	
11	30.110	30.096	61.8	52.9	43.3	70.6	in.	in.	99	99	NW 4	S 0.5	5	10	ins.	
12	30.137	30.135	64.4	58.1	52.2	68.6	in.	in.	99	99	SW 1	SW 1	5	9	ins.	
13	30.121	30.104	66.5	55.0	52.3	69.3	in.	in.	99	99	SW 2	SSE 0.5	6	9	ins.	
14	30.119	30.054	59.8	58.4	49.3	66.4	in.	in.	98	98	SE 1	SE 0.5	10	9	ins.	
15	29.969	29.913	62.8	60.5	56.1	76.5	in.	in.	93	99	SE 3	SE 0.5	10	2	ins.	
16	30.160	30.087	60.9	56.5	55.3	69.5	in.	in.	94	99	NE 2	NE 1	10	10	ins.	
17	30.049	29.929	59.9	58.1	55.1	70.4	in.	in.	93	98	NE 1	NE 1	10	10	ins.	
18	29.893	29.913	62.3	61.6	57.4	72.6	in.	in.	86	78	SW 2	SW 3	10	10	ins.	
19	29.949	29.972	62.3	59.2	55.1	72.0	in.	in.	84	96	SW 4	SW 1	7	8	ins.	
20	30.029	30.170	63.9	50.9	50.0	69.5	in.	in.	92	92	SW 2	SW 0.5	8	2	ins.	
21	30.134	30.055	68.9	58.9	44.6	75.3	in.	in.	96	93	SE 1	S 1	2	8	ins.	
22	30.009	30.029	65.2	53.1	52.2	67.4	in.	in.	97	96	SE 2	NE 0.5	9	10	ins.	
23	30.016	29.933	59.8	58.3	51.5	73.7	in.	in.	87	90	SSE 1	SE 1	10	10	ins.	
24	29.898	29.814	64.9	58.5	56.1	72.7	in.	in.	86	89	SW 2	SW 1	8	1	ins.	
25	29.903	29.812	65.8	59.5	51.3	74.6	in.	in.	86	89	SW 3	NE 0.5	3	10	ins.	
26	29.915	29.826	65.9	59.1	57.0	70.6	in.	in.	86	89	E 2	NE 0.5	10	10	ins.	
27	29.909	29.794	58.5	59.5	55.8	71.5	in.	in.	83	83	E 1	W 0.5	10	9	ins.	
28	29.700	29.622	63.1	62.9	58.9	69.5	in.	in.	87	83	SW 3	NW 4	10	10	ins.	
29	29.523	29.607	62.6	50.8	50.8	70.4	in.	in.	87	97	W 2	NW 0.5	10	10	ins.	
30	29.608	29.609	55.8	53.3	47.9	64.8	in.	in.	93	96	SW 1	SW 0.5	10	10	ins.	
31	29.718	29.720	56.7	50.1	48.9	62.8	in.	in.	92	98	NW 5	SE 0.5	7	8	ins.	
Means	29.877	29.870	61.9	56.2	51.3	69.2	in.	in.	83.2	92.6	2.5	1.1	8.2	8.3	5.345	

Observer notes:—The crops looked most promising till nearly the end of the month, then rapidly deteriorated.

UPPINGHAM.

Height above Mean Sea Level, 434 feet. Long. 0° 44' W. Lat. 52° 35' N.

JULY 1880.

1	29.669	29.708	56.8	51.8	51.8	63.7	.435	.346	94	89	W 1	NNW 1	10	3	*039	
2	.740	.700	60.6	56.0	46.6	62.9	.436	.422	83	94	SW 3	swbys 2	9	7	*152	● ² 2.10p.—2.20p. (0.1 in. fell).
3	.654	.662	56.9	55.0	53.8	64.8	.384	.397	83	92	S by W 2	Why N 1	10	9	*060	
4	29.838	30.109	57.8	52.7	52.7	58.7	.383	.326	80	82	N by W 4	NNW 1	10	3	—	
5	30.143	30.138	59.8	56.1	46.3	67.6	.369	.367	72	81	nwb.S 4	W 1	1	4	—	∞ ⁰ 6a. Bright day, with fresh rising [wind]
6	30.004	29.884	59.4	55.3	50.5	63.0	.422	.417	84	95	W by S 1	Wby S 4	10	10	*101	
7	29.682	.592	57.2	54.7	53.7	65.2	.453	.326	97	76	SW 2	W 1	10	10	*551	
8	.579	.630	56.0	55.3	49.3	64.0	.365	.351	81	80	W 2	SW 1	9	10	*127	
9	.714	.783	58.0	52.0	49.9	64.9	.413	.366	85	94	SSW 3	S by W 1	9	4	*047	
10	29.830	29.954	58.0	54.8	47.0	63.8	.418	.366	86	92	S by W 1	Why N 1	10	8	*118	⊠ _{10.30a.—11.15a.} then ● ² showers.
11	30.061	30.105	61.3	53.4	47.0	69.9	.407	.394	75	96	Why S 3	Calm 0	5	7	*140	[⊠ _{4p.—5p.} then warm and bright.
12	.136	.133	60.2	55.6	50.6	66.9	.418	.423	80	95	W 1	WSW 1	9	10	*125	
13	.116	.100	56.1	52.8	52.8	66.0	.436	.372	96	93	S 1	Calm 0	10	8	1.267	⊠ ₂ ● ² 1.45p. ⊠ ₃ ● ⁰ 6p.
14	30.104	.053	55.3	56.0	50.1	62.6	.435	.446	99	99	Shy E 1	E 1	10	9	1.259	● ² with great gloom till 2p. Distant [↑ sp. Steady ● ⁰ till 3p.
15	29.971	.027	57.4	60.5	54.6	72.7	.472	.507	100	96	ENE 1	E by N 1	10	1	*010	⊠ ₂ ● ² early a. ☼ ₃ 9a. Bright and [warm p. Heavy floods in Welland [Valley
16	30.100	30.096	58.2	58.3	55.9	68.6	.476	.487	98	100	NE 3	NE 2	10	10	*564	☼ ₃ 3.4.—7a. ☼ ₂ 9a. [● ² 3.30p.—4.30p. ☼ ₃ after 6p.
17	30.059	29.951	58.4	59.0	54.3	70.4	.467	.493	96	99	NE 1	Calm 0	10	10	*146	☼ ₃ 6a. ☼ ₃ 9a. Bright 4p.—6p.
18	29.895	29.926	64.0	60.5	55.5	69.9	.492	.416	82	79	swbys 5	SSW 3	9	10	*013	[then ☼ ₃ p. ⊠ ₂ 10.30p.—Midt.
19	29.953	30.004	62.9	53.1	53.5	69.9	.447	.461	78	95	WSW 2	W 1	8	10	*188	☼ ₃ early a. Bright till 2p. ⊠ ₃ [3p.
20	30.070	.1 8	61.3	53.6	53.1	70.6	.441	.392	81	95	Why N 1	W 1	8	5	—	☼ ₃ a. ☼ ₂ 9a. Bright and hot Noon [—5p.
21	.084	.030	60.3	59.9	48.7	74.9	.480	.493	92	96	Calm 0	SE 1	10	9	—	
22	30.013	30.020	59.7	55.7	55.6	67.8	.452	.491	89	95	E by N 1	NNE 2	10	10	—	
23	29.986	29.927	64.5	61.2	54.5	73.6	.515	.497	85	92	SW 1	SSW 2	8	10	*111	☼ ₃ 4.30a. ☼ ₃ 6.30a.
24	.887	.826	62.7	58.7	55.0	69.1	.472	.440	83	89	swbys 3	swbyw 2	10	2	*010	☼ ₃ in NE. op.
25	.907	.823	63.8	60.5	50.6	73.7	.449	.443	76	84	W by S 2	Calm 0	7	10	*189	Cir.-S. 8a. Bright Noon—7p.
26	.577	.492	58.7	59.9	55.0	68.7	.495	.506	100	93	SSE 2	swbys 1	10	10	*495	Scotch ☼ ₃ a. ⊠ ₂ ● ² 1.40p.—2.45p.
27	.698	.802	61.1	58.8	55.4	69.5	.438	.428	81	87	Why N 3	WSW 2	10	9	*161	☼ ₃ early a.
28	.668	.589	61.5	60.5	55.8	66.2	.489	.503	90	96	swbys 6	WSW 4	10	10	*069	
29	.486	.617	60.1	52.1	52.1	63.8	.481	.363	92	93	SSW 2	SW 1	10	0	*350	
30	.596	.648	56.0	49.0	49.0	63.6	.428	.335	95	97	WSW 2	WSW 1	10	10	*440	⊠ ₂ 2p. ● ² showers p. ⊠ ₃ ● ²
31	29.744	29.723	56.2	53.3	46.4	64.4	.340	.328	75	80	Why N 5	Calm 0	4	9	*010	[6.20p.—7p.
Means	29.870	29.877	59.4	56.2	51.8	67.1	.439	.415	86.7	91.3	2.2	1.3	8.9	7.6	6.642	

JULY 1880.

OSCOTT.

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

JULY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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.	%	%	WNW 2	WSW 3	10	1	ins.	● ² showers. T 0.55p. and 4p. Day fine. Cloudless in afternoon. T (one clap) 2.30p. The edge of a rain [storm from S. gave ● ² 2.45p. [∞ after 3p.
2	29.669	29.728	58.0	54.5	54.1	61.9	393	345	81	82	ssw-s 4-5	WNW 5	10	10	0.60	
3	721	677	58.7	57.0	47.1	60.6	414	408	85	88	SSW 3-4	WNW 1	9	9	250	
4	643	29.698	56.5	53.6	53.0	63.6	387	391	85	95	NW 4-5	NW 3	9	0	—	
5	29.916	30.133	56.4	54.0	52.3	64.1	375	312	83	75	WNW 4	SW 0-1	8	0	—	
6	30.169	30.134	57.7	57.0	46.4	68.1	328	380	69	82	SW 5	SSW 4	9	10	240	
7	29.993	29.868	60.0	55.2	51.0	61.2	417	427	81	98	SSW 3	SW 1-2	10	9	210	
8	666	598	56.3	54.7	54.4	64.9	445	355	88	84	SW 3	SW 3	9	10	030	
9	580	623	54.1	55.4	46.5	62.4	379	355	90	81	SSW 3	SSW 2	9	10	020	
	693	778	58.3	54.1	51.1	66.1	392	370	81	88						
10	29.825	29.983	59.4	55.1	50.9	69.0	399	380	79	87	SW 2	WNW 1	9	9	040	Low cir.-s. ga. T 2.30p. [< 7.45p ● ² K ⁹ 9p. ● ² Noon. T in W.-NW. from 2.30p. [5.30p. T 7p. < in NE. 9.15p. T 6.45a. T in SW.-W.-NE. 4.45p. W ⁹ 9a. and p. [10p.—Midt. Sheet < 9p. Distant T 9.30p. K ⁹ ● ² Day fine. Cloudless in afternoon.
11	30.072	30.105	60.2	55.6	48.2	67.2	396	407	76	92	SW 3	NW 0-1	9	9	090	
12	126	137	60.8	56.0	49.7	68.8	405	422	77	94	SSW 2	SW 0-1	9	10	450	
13	097	094	57.6	57.0	53.4	67.4	438	374	92	80	S 0-1	NE 2	10	9	090	
14	29.989	30.036	58.0	58.0	52.6	65.1	424	454	88	94	ENE 1	ENE 2	10	9	500	
15	30.020	30.026	62.0	60.9	54.8	72.4	497	459	90	87	ENE 3	N? 0-1	7	3	—	
16	30.111	30.093	58.0	63.0	57.0	65.9	460	544	95	94	NNE 2	NE 2	10	10	—	
17	30.054	29.917	59.5	63.2	56.0	71.7	460	537	91	93	NE 1	NE? 0-1	10	10	400	
18	29.882	29.918	63.0	60.2	57.0	70.8	426	423	74	82	SW 4	SW 3-4	9	9	—	
19	29.950	30.004	63.8	59.0	53.0	68.8	433	439	73	89	SW 3-4	NW 1	7	9	280	
20	30.081	112	60.2	58.8	53.1	68.8	426	404	83	81	NW 2	N 1-2	9	3	010	
21	30.076	013	60.9	61.8	49.2	69.9	392	490	74	89	NNE 2	NE 2-3	1	9	200	
22	29.998	30.000	58.5	59.8	55.2	67.1	447	456	92	89	ENE 3	ENE 1	10	10	—	
23	073	29.919	63.0	61.0	56.2	71.8	480	470	83	88	S 2	SW 2	9	10	020	
24	879	821	58.2	60.0	55.3	67.5	451	454	93	87	S-SSW 3	SSW 2	10	9	—	
25	891	802	65.7	63.8	50.1	74.0	447	445	72	75	SW 3	SE 1-2	9	10	250	
26	538	527	57.8	58.7	54.0	68.0	460	466	95	95	E 2	NNE 2	10	10	590	
27	709	799	64.2	58.9	55.0	71.4	428	414	71	84	WSW 5	SSW 2	2	10	180	
28	634	564	60.4	60.4	56.6	65.6	482	512	93	98	SSW 5	SSW 2	10	10	380	
29	476	628	55.5	54.0	54.0	65.2	423	337	96	81	N 1-2	SW 3	10	1	250	
30	600	607	57.1	51.0	51.0	64.7	404	351	86	94	SW 2	WNW 1	9	10	060	
31	29.771	29.731	58.0	54.4	46.9	66.1	399	312	64	75	NW 3-4	Calm 0	3	10	022	
Means	29.865	29.876	59.3	57.6	52.4	67.1	420	416	83.5	87.1	2.9	1.8	8.5	8.0	4.630	

GELDESTON (BECCLES).

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

JULY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	64.6	55.6	55.3	65.3	ins.	ins.	90	90	SW 2	WSW 1	9	1	ins.	K ⁰ 0.30p.—1p. Wind ENE., lower clouds WSW. 2.40p. ● ² 5.20p.
2	786	775	60.6	59.1	49.2	68.8	361	401	69	80	SW 2	SSW 3	9	10	0.30	
3	716	706	63.3	56.0	55.8	67.1	414	416	71	92	SSW 4	W 2	3	3	1.90	
4	747	737	59.8	55.1	53.5	62.0	417	366	81	84	NW 4	NW 5	10	10	0.50	
5	716	706	60.9	56.2	45.2	68.6	328	388	61	86	W 4	W 1	3	0	—	
6	703	693	61.5	58.0	49.6	64.1	401	442	74	91	SW 3	SW 2	10	10	0.40	
7	752	742	60.4	56.5	55.1	63.3	421	436	81	96	SW 3	Calm	10	10	0.70	
8	768	758	57.5	57.6	48.9	66.3	364	369	77	78	WSW 3	SW 1	4	2	0.20	
9	770	760	60.3	56.2	53.3	66.1	360	375	71	83	SW 4	S 1	6	1	0.30	
10	785	775	57.3	56.9	52.8	66.9	418	400	89	87	Calm	WSW 1	10	4	0.70	
11	707	697	61.5	58.5	49.0	69.3	338	452	62	92	W 3	WSW 1	3	10	0.30	
12	751	741	59.4	58.2	55.4	68.8	434	415	87	85	WNW 2	SSE 1	9	7	—	
13	758	748	62.8	57.9	54.4	69.6	432	417	76	87	Calm	SE 1	9	7	0.10	
14	742	732	60.7	59.1	52.7	66.7	474	466	90	93	ESE 1	E 2	10	10	0.20	
15	797	787	64.6	63.2	58.0	75.7	516	537	84	93	E 2	NE 1	10	0	0.80	
16	789	779	68.1	59.3	53.9	75.0	597	493	86	97	ENE 1	Calm	0	10	—	
17	742	732	61.1	57.8	55.2	73.0	472	476	88	99	NNW 2	E 1	10	10	—	
18	794	784	68.0	64.0	57.0	73.4	500	431	70	72	WSW 3	WSW 3	5	10	—	
19	797	787	64.1	60.0	57.0	71.2	430	466	72	90	WSW 4	WSW 1	8	7	—	
20	764	754	65.1	52.7	50.9	69.4	375	365	61	92	WNW 1	NE 1	7	3	—	
21	711	701	66.3	57.0	40.1	69.6	403	414	63	89	ESE 2	E 2	1	8	—	
22	704	694	64.1	56.0	55.7	64.1	454	386	76	86	E 2	NNE 1	9	10	—	
23	703	693	63.6	56.5	48.0	69.6	427	427	73	94	ESE 1	E 1	10	1	—	
24	712	702	65.5	60.1	54.4	73.8	468	449	75	86	SW 2	SSW 2	10	3	0.10	
25	707	697	65.2	61.1	51.7	75.4	439	435	71	81	WSW 2	S 1	6	2	0.40	
26	742	732	60.1	61.2	57.0	65.6	509	531	98	98	ESE 2	NNW 1	10	10	1.340	
27	707	697	68.9	62.0	56.9	70.5	472	459	96	83	ESE 1	WSW 1	10	10	0.50	
28	752	742	66.9	63.9	58.0	67.1	491	447	82	77	SW 4	SW 4	10	9	0.30	
29	761	751	63.9	56.1	55.9	71.3	526	387	89	85	SSW 3	WSW 1	10	0	0.350	
30	768	758	55.3	53.5	50.9	66.0	420	390	96	95	SW 2	WSW 3	10	7	0.400	
31	720	710	55.3	52.1	49.9	65.0	325	352	74	90	WNW 4	SE 1	9	4	0.40	
Means	789	779	62.1	58.0	52.9	68.7	436	426	78.3	88.3	2.4	1.5	8.0	6.1	4.290	

CHELTENHAM.

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

JULY 1880.

1	29° 7'10	29° 7'48	57° 7	55° 8	55° 2	66° 2	*434	*358	91	80	Calm	0	Calm	0	10	1	*030	● showers a. Fine p.
2	*739	*710	60° 0	57° 7	45° 0	61° 9	*433	*434	82	91	S	1	SW	2	10	9	*290	
3	*671	29° 7'23	55° 6	53° 0	53° 0	64° 5	*411	*403	93	100	SW	1	Calm	0	10	6	*470	● all day. ☁ ⁹ (mist) 9p.
4	29° 9'51	30° 1° 52	60° 2	52° 4	51° 0	66° 4	*395	*353	76	89	NW	4	Calm	0	6	2	—	Fine and bright.
5	30° 1° 58	30° 1° 59	60° 5	57° 5	41° 2	70° 0	*380	*383	73	82	NW	2	Calm	0	1	2	—	Fine and bright.
6	30° 0° 38	29° 8° 48	60° 6	56° 5	50° 1	63° 3	*412	*426	79	94	W	2	W	2	6	10	*480	● all the afternoon.
7	29° 7° 684	*602	56° 7	54° 1	54° 0	65° 5	*446	*361	92	87	W	1	W	1	10	5	*080	● 2 8a.—11a.
8	*605	*679	61° 0	55° 3	50° 0	62° 6	*394	*366	74	84	W	2	W	2	4	7	*170	● 2 showers a. Fine p.
9	*720	29° 8° 12	59° 4	53° 3	52° 2	65° 8	*386	*395	77	97	W	1	W	1	6	6	*040	
10	29° 8° 50	30° 0° 13	60° 3	59° 0	48° 5	67° 5	*417	*431	80	87	SW	1	SW	1	8	10	*070	
11	30° 0° 74	*142	62° 8	57° 0	52° 4	68° 2	*431	*382	76	82	W	1	Calm	0	8	9	*300	● 2 showers a. Fine p.
12	*132	*163	62° 2	56° 3	47° 0	66° 8	*426	*439	77	97	SW	1	W	1	8	10	*270	● 2 showers p.
13	*085	*086	62° 0	57° 9	54° 2	71° 3	*458	*434	83	90	W	1	Calm	0	8	6	*200	Very fine.
14	30° 0° 65	*003	57° 0	58° 6	55° 0	66° 8	*437	*459	94	94	Calm	0	S	1	10	10	*790	● 2 all day. T p.
15	29° 5° 08	*054	66° 0	58° 6	56° 0	74° 0	*519	*433	82	88	S	1	Calm	0	4	4	*010	
16	30° 0° 09	30° 0° 66	60° 6	63° 0	45° 5	72° 0	*519	*544	98	95	N	1	Calm	0	10	4	—	Very fine.
17	30° 0° 07	29° 9° 07	62° 8	65° 5	58° 6	73° 3	*503	*571	88	91	N	1	Calm	0	10	6	*120	T a. Fine till 10p. then K.
18	29° 9° 19	29° 9° 46	65° 0	60° 6	54° 0	71° 0	*472	*458	77	86	SW	3	S	1	6	10	*080	
19	29° 9° 74	30° 0° 40	63° 9	60° 9	56° 2	70° 9	*439	*425	74	81	W	2	W	1	8	9	*120	
20	30° 0° 95	30° 0° 91	62° 4	54° 8	50° 0	72° 4	*418	*391	75	91	W	1	Calm	0	6	0	—	Very fine.
21	30° 0° 87	29° 9° 93	58° 5	63° 0	47° 2	72° 0	*427	*507	88	89	W	1	Calm	0	9	10	*020	
22	29° 9° 68	*991	63° 8	60° 2	51° 0	72° 0	*482	*465	82	90	W	1	Calm	0	5	8	—	Very fine.
23	*973	*937	68° 6	62° 7	51° 0	73° 0	*403	*468	58	83	S	1	Calm	0	1	10	—	Very fine.
24	*886	*846	62° 8	62° 1	54° 4	71° 1	*436	*458	77	83	S	1	SW	1	1	6	—	
25	*917	*805	63° 3	61° 5	47° 8	74° 0	*414	*406	72	76	SW	1	S	1	4	10	*220	Fine and hot.
26	*512	*542	65° 9	62° 0	55° 5	70° 0	*528	*518	84	93	S	2	W	1	6	10	*280	● 2 all day.
27	*762	*823	63° 8	59° 5	56° 3	70° 4	*559	*368	94	73	W	2	W	1	8	10	*020	
28	*679	*595	62° 6	61° 4	58° 5	69° 5	*459	*503	81	93	S	3	W	1	10	10	*080	
29	*462	*668	62° 8	57° 8	55° 0	66° 0	*492	*388	86	81	S	2	SW	2	10	0	*300	T p.
30	*633	*685	56° 3	52° 9	51° 5	65° 5	*394	*333	87	83	Calm	0	NW	1	8	6	*480	● 2 early a. K noon. K ▲ and [squal 4p.
31	29° 8° 08	29° 7° 31	58° 4	54° 9	42° 7	65° 0	*456	*347	94	81	W	1	NW	1	5	10	*160	
Means	29° 8° 77	29° 8° 89	61° 4	58° 3	51° 7	68° 7	*444	*426	82° 2	87° 5	1° 4		0° 7	7° 0	7° 0	5° 080		

JULY 1880.

CARMARTHEN.

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

JULY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	54.2	53.6	65.9	ins.	ins.	90	90	W 1	Calm	0	10	1	ins.	
2	29.724	29.766	57.7	50.1	52.8	61.6	.357	.304	74	86	SW 1	SW 4	10	10	0	.050	
3	.774	.673	58.8	55.7	53.3	62.6	.439	.388	92	86	SW 1	SW 4	10	10	0	.200	
4	29.654	29.804	58.8	55.7	53.3	62.6	.382	.418	77	94	W 2	SW 4	10	10	0	.120	
5	30.034	30.205	62.0	52.3	52.3	65.0	.404	.336	73	85	N 4	NW 1	3	0	—	—	
6	.198	30.167	67.0	56.7	45.4	69.6	.366	.404	55	88	NW 3	SW 1	6	10	—	—	
7	30.026	29.855	59.4	57.5	55.3	69.5	.410	.404	82	98	SW 2	SW 2	10	10	0	.580	
8	29.689	.624	58.3	50.3	50.3	63.7	.356	.349	74	96	W 2	W 1	6	2	0	.050	
9	.635	.643	57.2	55.2	47.2	62.9	.349	.397	74	91	W 4	SW 2	9	9	—	—	
10	.689	29.777	60.5	53.0	52.0	66.0	.401	.374	76	93	Calm	0	9	6	0	.860	
11	29.864	30.000	57.8	55.0	48.0	67.0	.421	.402	87	93	Calm	0	10	10	0	.020	
12	30.094	.135	61.4	54.9	44.4	67.7	.409	.375	76	88	W 2	W 1	9	10	—	—	
13	.126	.107	64.4	55.9	54.2	67.5	.439	.444	74	99	SW 1	SW 1	7	10	0	.640	
14	.074	30.091	65.4	54.9	53.6	67.2	.406	.396	66	92	W 2	N 1	4	6	—	—	
15	30.003	29.983	59.0	58.0	51.8	69.6	.410	.422	83	83	N 1	Calm	0	8	6	—	
16	29.916	30.087	60.2	59.4	53.1	69.0	.433	.421	67	86	E 2	Calm	0	3	0	—	
17	30.094	30.101	60.6	60.6	48.3	75.4	.449	.425	69	81	Calm	0	Calm	0	3	0	before ga.
18	30.034	29.922	69.8	61.2	54.0	76.9	.509	.492	70	92	Calm	0	Calm	0	10	0	before ga. T 5p.
19	29.917	29.923	62.8	60.2	56.8	68.4	.443	.480	78	93	SW 4	SW 1	9	10	0	.010	
20	29.977	30.055	65.0	58.0	54.8	67.3	.447	.427	73	89	SW 3	Calm	0	7	2	—	
21	30.108	30.125	68.2	54.7	54.3	70.9	.439	.340	63	80	Calm	0	N 1	7	0	—	
22	30.057	29.996	63.4	61.5	49.5	71.6	.419	.472	72	87	N 2	NE 1	9	9	0	.030	
23	.959	.977	67.3	61.3	55.8	75.0	.485	.498	73	92	NE 2	Calm	0	8	0	.760	
24	.963	.913	68.1	60.3	52.3	68.1	.457	.467	66	90	SW 3	S 3	5	9	0	.380	
25	.829	.855	61.5	58.0	56.8	64.7	.451	.451	83	93	S 2	SW 2	10	7	0	.240	
26	.870	.776	63.5	60.0	56.8	68.7	.407	.437	80	85	S 4	SE 1	9	10	0	.460	
27	.454	.587	64.4	59.7	54.9	65.7	.528	.505	88	99	SE 4	W 4	10	10	0	.620	
28	.778	.746	59.0	59.4	56.0	68.4	.436	.483	88	96	W 1	SW 3	7	10	0	1010	
29	.594	.593	60.0	58.0	57.8	65.9	.500	.457	97	94	SW 5	S 1	10	10	0	.770	
30	.529	.653	58.9	56.4	55.1	65.5	.415	.413	84	91	N 1	W 3	9	1	0	.030	
31	.642	.733	61.3	50.4	50.2	62.8	.385	.331	72	91	W 3	W 1	8	3	0	.020	
31	29.824	29.730	62.0	54.3	46.0	65.0	.399	.401	72	95	W 3	S 1	7	10	0	.250	
Means	29.875	29.890	62.4	56.9	52.5	67.6	.426	.420	76.1	90.5	2.1	1.3	7.5	6.5	7.240		

STRATHFIELD TURGISS.

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

JULY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
2	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
3	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
4	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
5	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
6	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
7	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
8	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
9	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
10	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
11	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
12	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
13	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
14	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
15	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
16	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
17	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
18	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
19	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
20	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
21	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
22	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
23	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
24	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
25	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
26	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
27	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
28	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
29	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
30	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
31	29.710	29.755	66.7	65.8	65.3	68.7	in.	in.	81	87	W	3	W	2	10	0.09
Means	29.711	29.719	63.6	68.9	51.6	70.7	449	442	76.9	88.5	2.4	2.0	7.8	7.5	4.902	

RAMSGATE.

Height above Mean Sea Level, 105 feet. Long. 1° 25' E. Lat. 51° 20' N.

JULY 1880.

1	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
2	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
3	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
4	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
5	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
6	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
7	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
8	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
9	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
10	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
11	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
12	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
13	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
14	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
15	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
16	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
17	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
18	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
19	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
20	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
21	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
22	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
23	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
24	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
25	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
26	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
27	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
28	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
29	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
30	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
31	29.723	29.766	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10
Means	29.723	29.723	61.5	59.1	56.1	68.0	487	472	90	94	SW	2	W	1	10	10	1.10

No record, owing to the loss of the original observation book

NOTE.—The Rainfall shown above was recorded at The Vale, Ramsgate, by Mr. M. Jackson, F.R. Met.Soc.

SOUTHAMPTON.

Height above Mean Sea Level, 74 feet. Long. 1° 24' W. Lat. 50° 55' N.

JULY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	63.5	55.3	55.1	66.9	in.	in.	81	87	SW	3	WSW	2	10	ins.
2	29.708	29.769	63.5	55.3	55.1	66.9	in.	in.	81	87	SW	2.5	SW	5	10	10.0
3	29.724	29.715	60.1	57.5	55.1	65.6	4.05	3.94	78	83	SW	4.5	SW	2.5	8	9.0
4	29.914	30.143	61.5	57.5	51.9	69.5	3.93	3.51	73	74	NW	3.5	NW	1	8	—
5	30.211	30.159	63.0	59.5	47.2	73.5	3.35	3.77	59	75	NW	2.5	WNW	1	1	—
6	30.098	29.978	61.5	56.9	51.9	67.0	4.04	4.35	75	94	SW	3	NW	3.5	10	13.0
7	29.714	66.8	58.5	56.2	54.9	63.1	4.76	3.91	99	87	SW	3	W	1.5	10	13.6
8	67.6	71.3	61.7	56.2	51.3	65.4	3.73	4.13	69	91	SW	3	SW	2.5	10	60.0
9	76.5	29.815	61.9	56.0	51.9	65.6	3.92	4.08	72	91	SSW	3.5	SW	2	8	1.0 p.
10	29.880	30.032	59.1	57.4	50.2	70.3	4.06	3.79	81	80	SW	2	WNW	1	9	1.0 p.
11	30.121	162	59.5	57.2	51.7	69.1	4.45	4.23	88	90	WSW	1	NW	1	10	00.8
12	185	179	62.9	58.6	53.0	68.6	3.61	4.10	63	83	SW	1.5	SW	2	8	05.5
13	140	30.118	57.5	59.3	56.6	65.9	4.58	4.60	97	91	SW	3	SW	2	10	04.7
14	30.070	29.989	61.4	62.4	57.2	72.1	4.53	4.89	84	87	SSW	2	Calm	0	10	62.0
15	29.920	30.36	61.9	58.7	58.5	74.3	5.16	4.20	94	86	Calm	0	WSW	1	10	00.8
16	30.065	30.057	69.8	66.4	47.0	78.6	4.63	5.65	64	87	NE	1.5	NE	2	4	3.0
17	30.036	29.983	63.0	57.1	57.1	72.6	5.06	3.93	83	84	NE	1.5	SW	1.5	10	23.8
18	29.962	30.005	66.0	60.9	55.9	69.5	4.96	4.59	78	87	SW	2.5	SSW	3.5	8	00.4
19	30.033	006	61.9	60.9	59.1	69.3	4.57	4.74	83	90	SW	2.5	SW	2	9	—
20	116	30.107	65.3	61.4	52.6	72.0	4.37	4.74	71	88	NW	1.5	WSW	1	8	—
21	30.075	29.992	61.5	60.8	54.9	74.3	4.83	4.02	89	76	NE	0.5	N	2	10	26.3
22	29.965	30.013	65.1	58.9	56.6	71.5	4.99	4.32	82	88	SE	4	WSW	1	9	1.0
23	99.7	29.977	66.4	59.9	49.9	71.8	4.36	4.74	67	93	SSE	1	SW	1.5	0	00.2
24	926	889	61.9	59.1	57.1	71.4	4.47	4.60	81	92	S	2	SW	2	10	00.2
25	952	833	65.5	61.5	50.0	71.1	4.52	4.55	73	84	SSW	2.5	SE	2.5	7	03.32
26	544	606	65.5	60.2	57.0	67.5	5.50	4.95	88	95	SW	3.5	W	5.5	10	47.5
27	796	881	65.2	59.9	55.9	72.9	4.39	4.52	71	88	W	3	SW	2.5	7	00.8
28	774	684	62.3	60.9	57.0	67.5	4.68	5.04	84	95	SW	4	SW	4	10	53.5
29	545	714	61.5	57.9	57.7	70.7	5.15	4.28	95	89	SW	4	SW	2.5	9	59.3
30	655	729	57.9	52.2	51.9	65.6	4.20	3.50	87	90	W	2	SW	3	8	39.4
31	29.839	29.771	59.9	56.7	47.9	65.7	3.44	3.87	67	84	WNW	2.5	SW	1.5	2	24.0
Means	29.911	29.922	62.3	58.8	53.5	69.4	4.43	4.30	79.5	86.8	2.5	2.1	8.2	6.3	5.249	

DARTMOOR.

Height above Mean Sea Level, 1,359 feet. Long. 3° 59' W. Lat. 50° 33' N.

JULY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	53.4	52.0	52.0	56.0	in.	in.	100	97	NW	1	10	2	ins.	
2	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
3	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
4	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
5	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
6	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
7	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
8	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
9	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
10	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
11	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
12	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
13	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
14	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
15	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
16	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
17	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
18	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
19	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
20	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
21	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
22	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
23	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
24	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
25	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
26	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
27	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
28	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
29	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
30	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
31	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	
Means	29.751	29.820	53.4	52.0	52.0	56.0	4.00	3.74	100	97	NW	1	10	2	ins.	

BABBACOMBE.

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

JULY 1880.

1	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
2	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
3	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
4	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
5	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
6	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
7	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
8	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
9	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
10	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
11	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
12	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
13	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
14	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
15	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
16	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
17	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
18	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
19	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
20	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
21	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
22	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
23	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
24	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
25	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
26	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
27	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
28	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
29	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
30	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
31	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.
Means	29.742	29.831	60.3	52.4	52.4	66.8	4.46	3.35	86	85	WSW	3	WSW	2	10	1	0.020	☁ (mist) a. p.

Observer notes: The hay harvest was well secured. All crops promise well at the end of the month.

ST. AUBIN'S, JERSEY.

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

JULY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	60.1	55.0	55.0	69.1	in.	in.	100	93	W by S	3	W by S	1	10	0	ins.	
2	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ op.
3	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
4	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
5	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
6	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
7	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
8	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
9	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
10	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
11	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
12	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
13	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
14	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
15	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
16	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
17	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
18	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
19	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
20	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
21	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
22	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
23	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
24	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
25	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
26	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
27	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
28	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
29	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
30	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
31	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.
Means	29.826	29.890	60.1	55.0	55.0	69.1	4.68	4.03	90	93	W by S	3	W by S	1	10	0	—	☁ a.

MARKREE CASTLE, SLIGO.

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

JULY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	53°	50°	59°	303	371	79	91	NW 1	Calm	10	10	ins.	8p.
2	29°706	29°659	56°	53°	50°	59°	303	371	79	91	SSW 2	Calm	10	10	ins.	
3	29°669	29°649	56°	53°	50°	59°	303	371	79	91	N 3	N 4	10	10	ins.	
4	30°137	30°220	59°	53°	49°	63°	357	360	72	89	N 3	Calm	6	10	ins.	
5	30°168	30°060	59°	57°	50°	64°	397	401	78	85	Calm	WSW 1	10	10	ins.	
6	29°857	29°739	56°	54°	53°	66°	419	365	92	86	Calm	Calm	10	10	ins.	
7	29°811	29°650	54°	52°	47°	60°	361	325	85	84	Calm	NW 2	10	10	ins.	
8	29°750	29°592	54°	52°	51°	60°	383	368	90	94	NW 2	Calm	10	10	ins.	
9	29°701	29°795	57°	56°	50°	61°	407	401	87	88	N 4	NNW 2	10	10	ins.	
10	29°890	30°028	59°	55°	54°	64°	391	363	78	84	Calm	Calm	10	10	ins.	
11	30°062	29°083	58°	53°	52°	61°	359	345	74	85	NW 2	Calm	10	10	ins.	
12	29°087	29°146	59°	56°	51°	65°	364	368	73	82	Calm	Calm	6	10	ins.	
13	29°176	29°199	58°	52°	46°	64°	403	381	82	96	NW 2	Calm	10	8	ins.	
14	29°166	29°124	59°	57°	51°	65°	402	407	79	87	NNE 2	NE 2	10	10	ins.	
15	29°051	29°032	55°	54°	53°	67°	372	374	84	90	ENE 3	Calm	10	4	ins.	
16	29°100	29°108	62°	58°	46°	70°	423	430	77	88	ENE 2	Calm	6	3	ins.	
17	30°053	29°924	67°	59°	44°	71°	425	464	63	93	ESE 1	Calm	0	9	ins.	
18	29°864	29°898	60°	57°	56°	64°	426	407	83	86	Calm	Calm	10	10	ins.	
19	29°971	30°047	58°	54°	51°	63°	393	358	80	84	NW 2	Calm	7	3	ins.	
20	30°159	29°174	57°	54°	45°	65°	311	329	67	78	N 1	Calm	10	10	ins.	
21	30°118	30°076	59°	55°	43°	64°	357	356	72	82	NNW 2	ENE 2	9	5	ins.	
22	29°998	29°899	64°	59°	42°	69°	379	396	63	80	Calm	Calm	3	8	ins.	
23	29°789	29°790	58°	56°	50°	65°	450	447	92	99	S 3	Calm	10	5	ins.	
24	29°760	29°760	60°	55°	44°	65°	441	398	86	90	SSW 1	Calm	8	8	ins.	
25	29°778	29°677	59°	57°	42°	70°	439	440	88	94	SSE 2	Calm	8	7	ins.	
26	29°550	29°545	59°	57°	53°	61°	432	455	84	95	Calm	Calm	10	10	ins.	
27	29°644	29°576	64°	56°	53°	69°	452	419	76	92	WSW 2	Calm	5	10	ins.	
28	29°399	29°526	57°	55°	54°	59°	436	402	93	92	NW 1	Calm	10	8	ins.	
29	29°518	29°592	56°	52°	51°	62°	411	335	89	86	WNW 1	NW 1	10	8	ins.	
30	29°623	29°761	51°	49°	48°	60°	353	324	94	93	Calm	Calm	10	4	ins.	
31	29°737	29°646	60°	56°	44°	63°	377	401	73	88	NNW 2	Calm	8	10	ins.	
Means	29°853	29°865	58°	55°	49°	64°	397	385	81°	88°	1°4	0°5	8°6	8°4	4°946	

DUBLIN.

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

JULY 1880.

1	29°731	29°700	56°9	57°2	53°2	64°7	360	383	78	82	WbyN3	WSW 3	7	6	°064	[then rose. Distant T p.
2	°615	°577	59°2	57°0	54°6	68°6	408	377	82	81	SSW 4	WSW 2	10	8	°087	☉ shower 3p. Bar. 29°54 3.30p.
3	29°626	29°834	59°5	57°8	54°3	63°6	377	401	74	83	WNW3	NNW 5	9	9	°327	☾ ☉ 2p. (°30in. 20 minutes.) ∞ p.
4	30°116	30°214	58°0	59°0	53°5	67°4	359	383	73	77	NNW 4	Calm	0	6	3	Bright and warm p. with cir. to NW.
5	30°196	30°119	62°2	59°9	51°9	65°7	353	416	63	81	WNW3	W 3	6	9	°012	
6	29°913	29°774	61°3	58°9	56°6	66°9	454	449	84	91	WSW 5	WSW 3	10	5	°213	☉ showers 4p.—6p. ☾ 2.30p.
7	°673	°626	57°1	55°1	51°8	62°0	336	356	72	82	W 3	WNW 2	4	8	°109	
8	°567	°595	57°0	54°2	51°5	60°3	399	364	86	86	WNW 4	WNW 3	10	9	°218	
9	°682	29°758	58°1	56°9	52°7	63°3	389	412	80	89	NW 3	WNW 2	8	6	°268	☉ 2 showers 4p.—6p. ☾ 2.30p.
10	29°867	30°020	59°2	57°2	53°1	65°3	405	431	81	91	WNW3	NW 1	9	7	°030	☉ 2 11a. ☉ 6p.
11	30°088	°100	58°2	58°0	54°8	63°4	410	377	84	78	W 2	WNW1	10	7	°043	[from about WSW.
12	°090	°100	57°2	56°0	55°2	62°4	431	425	92	94	ESE 2	NNE 1	10	10	°895	☉ 2 showers. Upper clouds moving
13	°150	°145	55°5	56°2	53°3	60°3	395	399	89	88	NbyE 2	NNE 3	10	10	°030	[9.30p. < p. T 11.15p.
14	30°117	°073	59°4	57°9	55°3	62°5	431	409	86	85	NE 4	NE 4	8	10	°582	☾ in S. early a. ∞ a. and a. ☉ 2
15	29°981	°053	56°0	56°2	55°6	62°1	428	422	95	93	E 3	Calm	0	10	°117	T 4a. ☉ 2a. Brilliant p. Partial ☉ 7p.
16	30°126	30°127	60°1	57°3	49°6	66°4	452	430	87	91	E by S 3	E 1	4	0	—	☾ ☉ (mist) a. Partial ☉ 1p. Very fine.
17	30°073	29°956	62°5	60°2	50°0	67°4	461	482	81	93	Calm	ESE 1	3	10	1°310	∞ a. Close and sultry p. Frequent
18	29°871	29°888	59°3	58°7	56°8	61°5	473	471	94	96	WSW 1	W 1	9	8	°256	☉ n. [T after 7.30p. < 8.30p.
19	29°978	30°039	58°8	58°9	55°2	64°8	410	408	83	82	WbyN 2	WNW 2	7	5	—	
20	30°148	°165	58°3	57°8	53°7	62°5	346	375	71	78	NW 2	NW 1	7	5	—	
21	°121	30°077	56°8	55°6	50°5	62°2	312	357	67	80	N 1	Calm	0	4	0	—
22	30°010	29°954	59°0	58°7	49°1	65°7	430	459	87	93	WNW 1	Calm	0	8	2	—
23	29°898	°826	64°6	60°1	54°4	65°6	456	455	76	88	SSE 2	S 3	8	7	°010	☾ a.
24	°810	°805	60°3	58°5	57°2	66°3	455	455	87	93	SE 2	WSW 1	9	8	°178	Brilliant 1p.—5p. ☉ 2 7p.
25	°824	°745	61°9	59°5	53°8	68°3	492	454	90	90	SE 2	S 1	8	4	°734	
26	°518	°572	56°9	59°6	56°1	61°2	441	476	95	93	ENE 2	WSW 3	10	8	°174	☉ 2 early a.
27	°702	°648	62°8	57°2	56°0	68°7	434	431	76	92	W 4	S 3	3	10	°121	
28	°436	°549	66°9	59°0	57°1	68°7	484	407	73	82	SW 6	W 2	7	6	—	☾ with squalls a. Very fine p.
29	°545	°603	58°2	55°7	53°9	65°2	418	374	86	84	W 3	WbyN3	9	2	°091	Partial ☉ p. T at Bray in the evening.
30	°624	°749	57°0	52°2	50°3	68°3	334	350	72	90	W 3	WNW 2	7	2	°193	
31	29°796	29°680	56°1	55°2	47°2	62°8	332	381	73	88	W 3	SW 1	3	9	°020	
Means	29°867	29°873	59°2	57°5	53°5	64°3	409	412	81°	86°	2°7	1°9	7°5	6°2	6°087	

BIRR CASTLE, PARSONSTOWN.

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

JULY 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°8	54°8	49°8	65°0	in.	in.	9/10	9/10	W 1	SSW 1	9	10	ins.	
2	29°747	29°722	56°8	54°8	49°8	65°0	364	387	78	90	SSW 1	WSW 2	10	10	144	
3	29°667	29°951	59°8	56°4	52°1	65°5	438	377	85	83	WNW 2	NNW 4	10	9	083	
4	30°170	30°243	59°4	55°5	49°3	68°4	355	378	70	86	NW 2	W 0°5	7	1	—	
5	30°226	30°136	58°1	56°8	49°0	65°0	417	397	85	86	SW 0°5	SSW 1°5	10	10	040	
6	29°919	29°810	61°5	55°2	54°0	63°7	461	379	84	87	SSW 2	SSW 0°5	10	9	266	
7	29°686	29°668	56°4	53°3	48°4	63°0	335	343	73	84	W 2	NW 1	10	8	148	
8	29°627	29°638	54°8	52°6	51°0	59°7	384	372	89	94	W 4	SW 0°5	10	10	385	2 showers.
9	29°714	29°806	58°0	56°1	50°3	63°0	401	421	83	93	NW 1	W 2	10	9	537	Squally p.
10	29°905	30°046	55°9	56°9	53°1	64°0	432	418	97	91	SW 0°5	W 0°5	10	10	473	Squally p.
11	30°101	29°117	57°5	56°6	53°0	63°6	354	394	75	85	W 1	WSW 0°5	10	10	224	
12	29°087	29°123	56°7	56°7	54°3	62°9	415	373	90	81	WNW 0°5	NNW 0°5	10	10	080	
13	29°169	29°179	59°6	59°6	52°4	67°0	384	351	75	69	N 2	N 1	10	10	255	
14	30°132	29°079	59°8	59°8	53°0	64°5	432	397	84	77	NE 2	N 1	10	10	1009	K 2 °.
15	29°998	29°031	53°6	52°9	52°9	59°8	386	387	94	97	NNE 0°5	Calm	0	8	626	
16	30°105	30°120	61°0	58°8	49°0	71°3	433	422	81	85	ESE 1	Calm	0	8	—	
17	30°064	29°933	66°1	62°6	58°8	75°0	457	505	72	89	Calm	S 1	3	9	1030	
18	29°888	29°918	58°8	58°6	57°3	66°5	461	464	94	95	W 1	Calm	0	10	260	
19	30°011	30°068	59°4	57°8	56°5	65°9	408	380	81	79	W 1	NW 1	10	9	—	
20	29°165	29°170	59°4	56°4	56°4	67°0	366	350	72	77	NW 2	NE 1	9	1	—	
21	29°130	30°065	57°9	55°1	43°0	67°5	321	358	67	82	NE 2	Calm	0	8	—	
22	30°039	29°947	54°3	59°6	44°5	69°3	384	417	91	82	Calm	Calm	0	10	040	
23	29°828	29°820	60°0	57°5	57°3	65°3	475	439	92	93	SE 2	Calm	0	10	258	
24	29°791	29°802	62°5	56°8	56°4	70°1	410	420	72	91	S 1	Calm	0	1	090	
25	29°797	29°706	63°8	59°4	56°5	72°5	477	414	80	82	S 1	SE 1	10	3	305	
26	29°494	29°594	57°2	57°2	57°2	62°0	443	423	95	90	N 2	WSW 2	10	10	220	
27	29°712	29°546	62°3	57°3	56°4	68°4	406	442	72	94	SW 4	WSW 0	8	10	425	
28	29°618	29°563	58°8	56°7	56°7	67°8	422	389	85	85	W 3	WSW 0°2	10	1	—	
29	29°557	29°630	60°6	53°7	50°0	65°0	415	387	80	94	SSW 0°5	S 0°5	9	8	227	
30	29°661	29°795	53°4	51°9	41°0	62°5	353	346	87	90	NW 1	WNW 1	10	7	116	
31	29°800	29°667	57°2	52°3	45°0	61°5	375	368	80	94	SW 1	Calm	0	9	150	20 (mist) gp.
Means	29°879	29°887	58°6	56°4	52°2	65°7	407	396	82°5	86°8	1°4	0°8	0°1	6°7	7°339	

BRAEMAR.

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

AUGUST 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	49.3	43.5	55.3	ins.	ins.	81	81	W 2	SW 2	6	8	ins.	Dull.
2	29.516	29.579	54.5	49.3	43.5	55.3	274	284	65	81	W 1	SW 1	7	8	ins.	Showery.
3	578	603	53.0	50.5	48.2	59.8	271	342	68	94	W 1	SW 1	6	8	ins.	Fine.
4	755	782	54.8	54.8	43.3	61.7	311	339	73	79	SW 1	SW 1	6	8	ins.	Dull and damp.
5	705	705	57.1	57.8	50.6	62.2	396	439	85	91	SW 1	W 0.5	8	10	ins.	from 6p.
6	517	514	59.5	55.2	55.0	62.5	416	393	82	90	SW 3	W 0.5	9	9	ins.	a. Fine p.
7	509	500	54.8	53.5	53.4	65.1	364	334	85	81	S 2	SW 0.5	8	4	ins.	Fine till 2p. 2 from 3p.
8	386	368	57.6	52.5	40.3	65.3	324	373	69	95	SW 1	NW 0.5	3	10	ins.	showers.
9	429	20.652	50.6	54.3	49.0	62.9	332	339	72	81	W 2	W 2	6	7	ins.	Fine.
10	20.834	30.014	59.3	55.5	48.6	64.7	290	308	57	70	W 1	W 2	2	1	ins.	Fine.
11	30.096	223	63.9	63.9	50.2	72.8	426	503	72	85	S 1	SW 0.5	4	8	ins.	Fine.
12	285	331	65.3	63.4	60.4	72.7	452	491	74	84	NE 1	NE 0.5	7	8	ins.	Fine.
13	312	347	64.4	59.8	58.4	71.5	496	426	82	83	NE 0.5	NE 0.5	8	6	ins.	Fine. W 2.
14	290	265	61.3	60.9	45.1	74.2	429	446	80	84	NE 0.5	SE 0.5	2	4	ins.	W 2.
15	187	196	63.4	58.8	45.7	73.8	454	455	78	92	E 0.5	NE 0.5	4	1	ins.	a. Meteor seen p.
16	151	186	62.3	54.5	40.7	71.3	461	382	83	90	NE 0.5	NE 0.5	0	2	ins.	a.
17	188	232	53.9	57.3	48.0	68.3	384	433	93	92	N 0.5	NE 0.5	0	5	ins.	a.
18	290	311	54.5	54.5	52.3	62.7	379	368	89	87	E 0.5	E 0.5	8	8	ins.	Fine but dull.
19	261	30.178	51.5	55.2	49.4	67.5	330	387	87	89	E 0.5	E 0.5	8	7	ins.	Fine day.
20	098	20.068	57.6	56.5	52.0	64.5	390	398	82	87	E 0.5	S 0.5	8	9	ins.	Fine day.
21	064	30.150	58.9	58.4	52.5	66.2	363	433	74	89	W 1	NE 0.5	7	8	ins.	Fine day.
22	190	186	60.0	60.6	53.5	66.8	409	436	79	83	E 0.5	NE 1	7	8	ins.	Fine day.
23	167	162	59.6	58.4	49.4	64.3	408	402	80	82	NE 0.5	NE 0.5	5	8	ins.	Fine day.
24	125	167	57.8	53.7	53.2	60.0	364	393	76	95	E 0.5	E 2	7	8	ins.	Fine day.
25	161	157	52.8	53.1	50.9	57.5	320	351	80	86	E 0.5	NE 0.5	8	8	ins.	Fine day.
26	130	068	52.3	52.0	48.4	56.5	296	323	76	83	SE 0.5	SE 0.5	8	8	ins.	Dark day.
27	009	068	54.5	53.8	48.4	58.5	388	383	91	92	SE 0.5	S 0.5	8	8	ins.	Fine day.
28	107	231	56.9	58.4	51.6	71.3	392	436	85	89	S 0.5	SE 2	8	8	ins.	Fine day.
29	268	283	64.9	58.8	57.2	75.5	457	455	75	92	SE 0.5	S 0.5	1	0	ins.	Fine day.
30	238	208	61.3	50.5	50.2	67.3	388	324	73	89	S 0.5	SE 0.5	0	0	ins.	Fine day.
31	111	130	56.5	51.5	42.0	68.3	398	330	87	87	SE 0.5	S 0.5	7	0	ins.	Fine day.
Means	30.067	30.059	59.3	54.1	39.5	68.5	385	302	77	73	S 0.5	W 0.5	4	2	ins.	Fine day.

LAUDALE.

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

AUGUST 1880.

1	29.610	29.618	52.0	55.0	43.2	60.8	330	389	85	90	W 1	W 2	8	6	ins.	030 (mist) a. and p.
2	658	750	55.5	55.0	49.0	61.8	423	403	96	93	NW 2	Calm 0	7	9	ins.	050
3	813	792	56.2	57.1	48.7	62.8	413	433	91	92	W 1	S 4	8	10	ins.	240 (mist) op.
4	680	638	61.2	58.2	54.6	63.8	527	479	98	99	S 2	SW 1	10	10	ins.	500 (mist) a. and p.
5	518	502	61.3	59.0	58.0	61.3	492	436	91	88	SW 1	SW 1	7	10	ins.	240
6	422	497	60.0	54.0	55.9	63.8	479	388	93	93	SW 2	SSW 2	6	6	ins.	180
7	428	397	57.4	55.2	51.4	62.6	435	430	92	99	SW 1	SSW 1	5	10	ins.	270 (mist) a. and p.
8	507	606	58.0	57.8	52.6	62.8	463	424	96	88	NW 2	WSW 2	10	10	ins.	070 (mist) a. and p.
9	29.916	29.992	60.2	60.4	52.5	65.8	450	447	87	86	WSW 3	WSW 3	10	10	ins.	000 (mist) a. and p.
10	30.131	30.253	65.5	62.0	58.0	68.0	573	531	91	96	WSW 2	Calm 0	7	6	ins.	010 (mist) a. and p.
11	310	336	64.0	63.8	61.0	73.0	578	581	97	98	Calm 0	Calm 0	7	9	ins.	000
12	317	322	68.4	67.5	60.4	78.0	628	577	91	86	Calm 0	Calm 0	5	6	ins.	000
13	291	272	68.9	59.1	60.1	75.0	589	473	84	94	Calm 0	Calm 0	4	2	ins.	000
14	232	175	64.0	61.8	53.5	74.8	553	523	93	95	Calm 0	Calm 0	0	1	ins.	Very fine day.
15	169	174	62.5	63.0	55.0	75.4	548	506	97	88	Calm 0	Calm 0	6	5	ins.	T through the day.
16	173	225	63.2	56.6	54.7	70.4	548	414	95	90	Calm 0	Calm 0	3	1	ins.	000 (mist) ga.
17	291	281	62.9	61.6	52.7	71.0	514	520	90	95	Calm 0	Calm 0	0	0	ins.	000
18	273	186	60.5	62.0	53.3	64.0	485	520	92	94	Calm 0	Calm 0	10	10	ins.	000
19	133	123	62.0	63.0	57.8	67.0	487	471	88	82	Calm 0	Calm 0	3	4	ins.	000
20	104	143	63.0	64.2	54.0	65.8	471	428	82	71	Calm 0	Calm 0	4	3	ins.	000
21	219	186	61.0	58.8	48.1	70.0	477	477	89	96	Calm 0	Calm 0	6	6	ins.	000
22	179	132	62.8	57.8	54.8	70.0	516	454	90	94	Calm 0	Calm 0	3	2	ins.	000
23	151	137	64.9	60.4	53.2	70.8	546	442	89	85	Calm 0	Calm 0	4	5	ins.	000
24	155	142	59.0	61.2	57.0	61.6	467	414	94	77	Calm 0	Calm 0	7	6	ins.	050 (mist) a. and p.
25	30.088	029	61.0	60.0	50.4	61.2	416	340	78	75	E 2	E 2	10	10	ins.	000
26	29.972	011	61.8	60.0	49.3	67.0	418	459	76	89	E 2	E 2	5	3	ins.	000
27	30.137	207	60.5	60.0	52.3	66.2	478	479	91	93	E 1	Calm 0	7	6	ins.	000
28	302	236	63.6	58.4	55.4	72.0	545	319	92	65	Calm 0	Calm 0	4	0	ins.	000
29	176	115	68.0	62.2	55.9	73.0	482	419	70	75	ESE 2	ESE 2	0	0	ins.	000
30	049	30.038	65.2	65.0	51.5	72.3	453	463	74	76	ESE 2	ESE 2	4	6	ins.	010
31	30.036	29.976	65.0	65.0	57.3	71.8	424	484	69	79	ESE 3	SSW 4	3	4	ins.	020 Much sheet < in past night.
Means	30.014	30.019	61.9	60.0	53.9	67.9	491	456	88.4	87.8	0.9	0.9	5.6	5.7	ins.	1.680

DUNDEE.

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

AUGUST 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	57.5	52.4	45.3	65.7	in.	in.	86	86	W	1	W	1	10	10	ins.	☉ ☽ 0.35p. ☉ showers till 7p.
2	29.579	29.589	57.5	52.4	45.3	65.7	.309	.340	65	86	NW	2	NW	1	5	10	.300	
3	.604	.700	59.5	52.4	50.2	63.7	.313	.394	62	100	NW	2	NW	1	5	10	.050	
4	.797	.804	61.5	56.4	46.3	69.7	.363	.369	67	81	NW	1	W	2	7	10	.150	
5	.752	.706	58.5	60.5	53.2	65.7	.456	.459	93	87	SE	1	SW	1	10	10	.150	
6	.585	.552	62.5	58.5	58.2	69.7	.527	.426	93	87	SW	2	SW	1	10	10	.150	
7	.517	.518	58.5	57.5	57.2	68.7	.456	.412	93	86	SW	1	SW	1	10	10	—	☉ showers all day.
8	.429	.361	61.5	55.4	47.2	71.7	.389	.382	72	87	W	1	SW	1	5	10	.050	☉ showers from 3p.
9	.466	29.658	62.5	56.4	52.2	69.7	.377	.345	67	75	SW	2	SW	2	5	7	—	Fine day.
10	29.874	30.056	62.5	58.5	48.2	68.7	.328	.371	50	76	W	2	W	1	7	7	—	Fine day.
11	30.140	.239	66.4	65.5	53.2	76.8	.472	.551	73	88	W	2	SW	1	7	0	—	Fine day. ☙ 10p.
12	.319	.340	70.4	61.5	60.2	76.8	.549	.509	73	93	W	1	SE	1	10	10	—	☉ ☽ ☉

ROTHESAY.

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

AUGUST 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins. 29°635	ins. 29°656	57°5	52°0	42°1	63°6	in. 352	in. 315	% 74	% 81	W	NW	—	—	ins. 0°10	Blowly.
2	*683	*774	57°5	54°0	48°1	64°1	*352	*366	74	81	NW	NW	—	—	—	
3	*853	*825	54°0	56°0	46°6	62°6	*271	*440	65	98	NW	SE	—	—	*270	Cloudy and mild a.
4	*754	*701	60°9	58°4	54°1	65°1	*502	*476	94	98	S	SW	—	—	1180	Cloudy and chilly a. p. 2.
5	*584	*541	60°9	57°4	55°6	65°1	*440	*459	83	97	SW	S	—	—	*320	Cloudy a. p. 2.
6	*490	*546	58°9	53°0	52°1	66°1	*469	*380	95	94	SW	W	—	—	—	Breezy.
7	*467	*434	57°9	55°0	49°6	64°6	*397	*395	83	91	NW	NW	—	—	—	Breezy.
8	*560	29°765	61°4	56°0	50°1	65°3	*434	*422	80	94	WNW	W	—	—	—	Cloudy and blowly.
9	29°960	30°091	56°9	57°0	50°1	67°1	*389	*356	84	76	W	SSW	—	—	—	
10	30°192	*285	63°9	61°9	55°1	68°5	*559	*540	94	98	SW	W	—	—	*015	Dull with ∞. Mild.
11	*336	*324	65°9	63°9	59°2	75°1	*599	*559	94	94	W	Calm	—	—	—	Warm.
12	*341	*319	67°8	64°9	60°2	76°3	*533	*492	79	80	ENE	E	—	—	—	Warm.
13	*302	*282	68°8	62°9	56°1	75°4	*668	*444	95	78	ENE	NE	—	—	—	Clear and warm.
14	*249	*191	69°8	64°9	54°1	79°1	*517	*543	71	89	E	Calm	—	—	—	Clear and hot.
15	*180	*203	69°8	59°9	58°2	72°0	*557	*454	76	89	N	E	—	—	—	Clear and warm.
16	*203	*231	58°5	58°9	54°1	67°3	*432	*438	89	89	E	E	—	—	—	Dull with ∞.
17	*317	*311	57°4	59°9	55°1	66°1	*403	*439	86	86	E	ESE	—	—	—	
18	*297	*216	57°5	56°6	55°1	64°1	*419	*428	88	93	SE	NE	—	—	—	Cloudy with ∞.
19	*157	*112	59°9	57°9	53°1	65°6	*416	*440	81	92	SE	Calm	—	—	—	
20	*133	*176	61°5	55°6	55°6	68°5	*442	*399	82	90	SW	Calm	—	—	—	
21	*222	*197	64°2	63°9	49°1	73°0	*464	*377	77	63	NW	N	—	—	—	Warm.
22	*213	*180	61°9	60°9	57°2	71°6	*457	*440	83	83	SE	NW	—	—	—	
23	*162	*165	63°4	58°9	57°2	71°0	*466	*438	80	89	Calm	Calm	—	—	—	
24	*187	*131	57°9	55°0	54°1	64°6	*397	*381	83	88	NNW	E	—	—	—	Dull and mild.
25	*114	*045	57°9	56°5	54°1	67°0	*397	*415	83	91	NE	NE	—	—	—	
26	*010	*062	59°9	58°9	54°6	64°1	*424	*438	83	89	NE	E	—	—	—	Cloudy and mild. ○.
27	*165	*253	65°4	59°9	51°1	67°5	*485	*471	78	92	SE	E	—	—	—	Cloudy and mild.
28	*302	*274	66°9	62°9	52°1	77°6	*513	*488	79	85	NE	NE	—	—	—	Cloudy with ∞.
29	*235	*148	62°2	58°9	56°1	72°3	*459	*438	82	89	NE	E	—	—	—	Clear and blowly.
30	*072	*068	64°4	61°9	55°1	76°1	*499	*443	82	81	ENE	E	—	—	—	Clear and warm.
31	30°073	30°028	63°4	59°9	53°6	75°1	*450	*487	77	95	NE	S	—	—	—	Clear and warm.
Means	30°047	30°049	61°7	58°8	53°5	69°1	*457	*439	82°4	88°4	—	—	—	—	1°795	

PINMORE.

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

AUGUST 1880.

1	29°6'34	29°6'51	56°1	52°3	52°3	62°1	'380	'352	84	90	N	N	—	—	—
2	'751	'749	55°9	53°0	47°2	63°1	'344	'313	77	78	N	N	—	—	—
3	'839	'810	58°0	57°0	44°3	62°1	'357	'422	74	91	N	SW	—	—	'090
4	'743	'708	62°1	60°0	46°2	68°0	'506	'472	91	92	S	S	—	—	'110
5	'615	'599	62°1	60°0	58°1	65°0	'429	'472	78	92	W	SW	—	—	190
6	'532	'583	60°0	49°8	50°1	70°9	'456	'327	89	91	SW	SW	—	—	'030
7	'448	'420	57°4	53°9	45°3	62°1	'390	'378	83	91	S	SW	—	—	'130
8	'584	29°7'48	59°8	56°4	51°0	66°0	'414	'402	81	89	N	NW	—	—	—
9	29°057	30°094	61°1	64°2	51°0	67°0	'426	'509	80	85	NW	SW	—	—	—
10	30°187	'256	60°0	66°8	53°0	75°9	'441	'473	86	72	SW	SW	—	—	—
11	'317	'306	65°8	63°0	53°0	75°9	'586	'526	92	92	SW	NW	—	—	—
12	'298	'284	75°5	60°1	55°0	70°4	'523	'471	59	91	NW	NW	—	—	—
13	'254	'257	69°5	60°0	49°1	80°9	'469	'472	65	92	SW	SW	—	—	—
14	'199	'185	72°4	61°1	49°1	78°9	'562	'385	70	73	SW	W	—	—	—
15	'140	'148	70°5	61°1	50°1	79°4	'590	'472	79	88	NW	NW	—	—	—
16	'165	'190	60°6	56°7	49°1	69°9	'433	'427	82	93	SW	NW	—	—	—
17	'265	'283	60°0	51°8	48°2	67°0	'409	'359	79	93	SW	NE	—	—	—
18	'262	'173	58°8	57°0	49°1	64°1	'386	'437	78	94	NE	NE	—	—	—
19	'143	'119	60°0	51°3	51°0	64°5	'406	'360	78	95	NW	NW	—	—	—
20	'112	'181	59°8	51°3	45°3	72°9	'429	'334	84	88	NW	NW	—	—	—
21	'195	'189	62°4	58°0	41°4	71°9	'445	'445	79	92	SW	N	—	—	—
22	'187	'178	57°3	58°0	41°4	72°9	'418	'454	89	94	SW	SW	—	—	—
23	'143	'143	62°1	54°9	54°0	66°0	'449	'393	81	92	SW	SW	—	—	—
24	'142	'136	60°0	54°4	45°3	67°0	'441	'372	86	88	NW	N	—	—	—
25	30°069	'036	63°7	52°8	52°0	64°5	'418	'366	71	91	N	N	—	—	—
26	29°986	'040	64°4	59°2	52°0	69°0	'415	'467	68	94	NE	NE	—	—	—
27	30°140	'237	67°2	58°8	55°0	72°9	'550	'458	83	93	W	NW	—	—	—
28	'284	'269	70°9	56°7	47°2	80°4	'483	'421	63	91	W	NW	—	—	—
29	'188	'122	69°5	55°9	50°1	74°9	'530	'382	74	86	SE	S	—	—	—
30	'033	'020	70°9	60°6	49°1	70°9	'483	'464	63	88	SE	SE	—	—	—
31	30°051	30°048	69°4	57°0	50°1	74°9	'456	'422	63	91	SE	E	—	—	—
Means	30°028	30°038	63°3	57°2	49°5	70°5	'452	'420	77°7	89°4	—	—	—	—	0°530

SCALEBY.

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

AUGUST 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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.	58° 3'	55° 8'	47° 1'	66° 3'	in.	in.	%	%					ins.	
1	29° 606	29° 619	58° 3'	55° 8'	47° 0'	66° 3'	356	333	74	75	NW 1	SW 1	5	10		
2	666	742	58° 3'	52° 8'	47° 0'	63° 5'	357	369	74	92	W 2	Calm 0	7	10	220	
3	847	864	57° 8'	58° 3'	44° 0'	63° 0'	386	409	81	84	W 1	Calm 0	9	10	030	
4	773	745	61° 8'	61° 3'	55° 0'	68° 5'	480	487	87	90	W 1	Calm 0	10	10	550	
5	651	630	60° 8'	59° 8'	58° 5'	68° 3'	529	504	99	78	Calm 0	W 1	10	10	270	
6	573	574	58° 3'	53° 8'	53° 8'	66° 0'	469	397	96	95	W 2	Calm 0	10	10	140	
7	473	374	58° 8'	54° 8'	48° 3'	64° 0'	430	370	87	86	W 1	Calm 0	2	3	010	
8	525	29° 749	60° 8'	55° 8'	52° 0'	67° 8'	419	370	79	83	SW 4	W 2	8	0	—	
9	29° 946	30° 132	60° 8'	53° 8'	47° 2'	67° 0'	433	331	82	79	W 3	W 1	4	0	—	
10	30° 204	294	62° 3'	62° 8'	48° 0'	69° 2'	473	498	85	87	Calm 0	Calm 0	10	10	040	
11	322	296	63° 8'	65° 8'	60° 8'	71° 5'	545	516	92	82	Calm 0	NE 3	10	3	—	
12	288	280	69° 8'	59° 8'	53° 0'	75° 2'	500	446	69	87	NE 2	Calm 0	0	0	—	
13	249	251	63° 3'	59° 8'	52° 0'	75° 0'	507	446	87	87	N 1	N 2	10	1	—	
14	216	185	64° 8'	59° 8'	54° 0'	77° 0'	441	462	73	90	NE 4	NE 3	0	0	—	
15	168	176	62° 8'	55° 8'	53° 2'	69° 2'	441	399	78	89	NE 4	NE 1	7	1	—	
16	171	201	59° 8'	58° 8'	55° 0'	63° 0'	446	430	87	87	E 1	NE 5	10	10	—	
17	247	269	59° 8'	57° 8'	55° 0'	61° 5'	404	415	78	86	E 3	E 2	10	10	—	
18	254	179	58° 3'	56° 8'	52° 0'	61° 5'	409	400	84	86	E 2	E 1	10	10	—	
19	149	083	57° 3'	54° 8'	53° 5'	64° 8'	395	427	78	99	N 2	NE 2	10	0	—	
20	077	140	59° 3'	58° 3'	50° 0'	70° 0'	396	469	79	96	N 1	Calm 0	10	4	—	
21	197	171	60° 8'	56° 8'	56° 0'	71° 0'	404	400	77	86	N 2	Calm 0	0	0	—	
22	195	127	59° 8'	54° 8'	50° 0'	68° 0'	404	382	78	89	Calm 0	E 1	3	0	—	
23	144	148	61° 3'	51° 8'	51° 0'	65° 8'	399	382	75	99	NE 1	Calm 0	7	0	010	
24	144	30° 129	59° 8'	55° 8'	50° 5'	64° 0'	404	384	78	86	E 2	E 2	10	10	—	
25	30° 091	29° 977	59° 8'	57° 8'	49° 2'	63° 5'	446	406	87	84	E 2	E 3	10	10	—	
26	29° 982	30° 024	59° 8'	58° 8'	53° 0'	65° 3'	431	461	84	93	E 3	E 1	8	0	—	
27	30° 153	216	61° 8'	62° 8'	51° 1'	74° 2'	483	533	82	93	Calm 0	E 1	0	1	—	
28	287	224	66° 8'	61° 8'	53° 0'	69° 0'	507	480	78	87	E 1	E 3	0	0	—	
29	232	132	64° 8'	58° 8'	53° 0'	69° 5'	449	461	74	93	NE 4	E 1	1	10	—	
30	044	077	63° 8'	60° 8'	57° 0'	73° 5'	516	489	87	92	E 2	E 5	0	0	—	
31	30° 085	30° 064	66° 8'	60° 8'	51° 5'	76° 5'	524	494	80	93	E 1	Calm 0	0	0	—	
Means	30° 030	30° 035	61° 4'	58° 0'	52° 1'	68° 1'	444	427	81° 6'	88° 2'	1° 7'	1° 3'	6° 2'	4° 6'	1° 270	

DURHAM.

Height above Mean Sea Level, 336 feet. Long. $1^{\circ} 35' \text{ W.}$ Lat. $54^{\circ} 46' \text{ N.}$

AUGUST 1880.

	10 a.m.	10 p.m.	10 a.	10 p.	Min.	Max.	10 a.	10 p.	10 a.	10 p.	10 a.m.	10 a.	10 p.	10 a.m.	10 a.	10 p.	10 a.m.
1	29° 579	29° 606	63° 5	42° 3	47° 8	71° 0	379	354	65	90	NNW 0° 9	WNW 0° 4	7	10	—	—	
2	*613	*748	61° 9	49° 3	49° 3	70° 3	378	326	69	93	NW 0° 7	WNW 0° 8	8	0	*118	R _p .	
3	*814	*866	64° 8	54° 7	45° 7	70° 5	340	366	66	86	NW 0° 7	S 0° 2	3	10	—	—	
4	*794	*752	66° 0	60° 4	53° 3	72° 5	366	479	80	92	SW 0° 8	SSW 2	10	9	—	—	
5	*679	*635	65° 6	58° 4	57° 3	67° 4	362	473	80	97	SSW 2	WSW 0° 6	10	10	*700	R _p .	
6	*565	*533	63° 2	55° 2	52° 9	69° 1	441	394	76	98	SW 0° 9	WNW 0° 3	10	10	*538	R _p .	
7	*434	*382	63° 3	53° 2	48° 3	69° 4	408	388	71	96	NW 0° 4	NW 0° 5	8	10	*066	R _p .	
8	*514	29° 729	64° 2	55° 6	52° 7	71° 6	426	358	71	87	NW 0° 7	NW 1° 4	6	0	—	—	
9	29° 935	30° 128	64° 7	53° 2	50° 7	71° 3	393	328	64	81	NW 1° 1	WSW 1° 2	7	0	—	—	
10	30° 203	*290	69° 2	59° 5	47° 9	76° 2	493	490	69	96	W 0° 8	NE 0° 2	8	0	—	—	
11	*294	*339	72° 0	54° 4	54° 2	76° 2	364	418	72	98	NE 0° 4	NE 0° 3	3	0	—	—	
12	*307	*253	66° 4	58° 9	51° 5	70° 5	304	472	78	96	NE 0° 8	NNE 0° 4	8	10	—	—	
13	*240	*245	62° 5	56° 3	56° 2	69° 1	497	444	88	98	NE 1° 1	N 0° 6	9	10	—	—	
14	*216	*203	61° 3	56° 0	55° 0	68° 0	454	428	84	95	NE 0° 7	NE 0° 2	10	10	—	—	
15	*174	*172	59° 3	55° 1	54° 2	61° 3	418	408	83	93	NE 0° 3	N 0° 2	10	10	*014	—	
16	*176	*207	58° 2	56° 2	54° 8	60° 8	454	425	93	94	NE 0° 8	NE 0° 6	10	10	*010	—	
17	*255	*257	57° 4	55° 4	54° 8	60° 2	435	437	92	99	NE 0° 8	NE 0° 8	10	10	*080	—	
18	*245	*179	56° 6	54° 4	54° 2	59° 1	408	376	88	89	NE 2	Caln 0	10	10	—	—	
19	*148	*117	58° 9	47° 1	45° 4	66° 1	381	315	77	97	Caln 0	Caln 0	10	0	—	—	
20	*106	*179	65° 3	51° 1	42° 1	72° 4	446	373	73	99	Caln 0	SW 0° 1	0	0	—	—	
21	*214	*196	63° 3	52° 3	47° 7	68° 0	461	390	80	99	E 0° 1	N 0° 1	9	0	—	—	
22	*165	*153	64° 1	54° 3	48° 6	66° 6	451	417	76	99	NE 0° 3	N 0° 4	8	10	*080	—	
23	*129	*133	60° 5	54° 9	53° 8	62° 9	446	426	86	99	ENE 0° 7	N 0° 8	10	10	*178	—	
24	*126	*128	56° 7	53° 7	44° 4	59° 4	418	396	91	96	NE 0° 8	NE 0° 3	10	10	*011	—	
25	30° 099	*042	56° 9	53° 7	52° 2	64° 3	435	396	94	96	Caln 0	NE 0° 1	10	10	—	—	
26	29° 095	*036	60° 0	57° 9	52° 5	61° 0	459	478	89	100	ENE 0° 8	NE 0° 8	10	10	*117	—	
27	30° 156	*263	63° 2	54° 3	53° 6	68° 1	527	420	91	99	NNE 0° 6	Caln 0	10	10	—	—	
28	*326	*288	58° 3	59° 2	53° 8	65° 3	468	485	96	97	NE 0° 3	Caln 0	10	10	—	—	
29	*221	*066	63° 7	58° 2	53° 8	68° 8	468	476	80	98	ENE 0° 8	NE 0° 4	7	10	*020	—	
30	*064	*095	68° 3	56° 3	55° 3	70° 1	547	451	80	99	ENE 0° 5	Caln 0	6	0	—	—	
31	30° 063	30° 097	66° 5	54° 7	53° 5	70° 9	522	391	81	91	NE 0° 6	SSW 0° 3	1	0	—	—	
Means	30° 027	30° 043	62° 8	54° 0	51° 5	67° 7	455	412	80° 1	95° 1	0° 7	0° 5	8° 0	6° 7	1° 928		

DOUGLAS, ISLE OF MAN.

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

AUGUST 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	58.4	49.6	64.1	ins.	ins.	79	94	W 2	NNW 1	8	6	ins.	
2	29.528	29.550	58.8	58.8	50.4	63.7	394	410	79	94	NW 3	Calm 0	4	4	0.015	
3	29.563	29.589	58.5	57.5	51.8	61.2	373	455	76	96	WNW 1	Calm 0	8	10	0.075	
4	29.580	29.604	58.4	58.8	50.8	61.2	470	494	97	99	SSW 3	SW 5	10	10	0.190	9 a. m. (mist) op.
5	29.653	29.621	61.3	57.7	57.6	65.7	463	453	85	95	SW 3	SW 4	7	10	0.044	2 Noon.—2 p. D ² p.
6	29.558	29.581	59.7	50.8	50.8	63.7	467	351	92	94	SW 3	Calm 0	8	1	0.150	showers 9 a.—4 p.
7	29.477	29.453	57.0	55.0	48.8	57.2	420	386	90	89	S 1	NW 4	10	9	0.175	D ² p.
8	29.614	29.580	58.3	53.1	53.1	65.2	417	365	85	90	WNW 3	Calm 0	8	1	—	D ² a. and p.
9	29.976	30.117	60.3	52.0	45.2	66.6	391	356	75	92	W 2	Calm 0	2	2	—	(mist) a. D ² p.
10	30.236	30.296	59.8	62.2	51.1	65.0	488	488	95	97	SW 1	Calm 0	10	10	0.007	(mist) a. D ² p.
11	30.318	30.271	60.5	68.3	55.2	73.7	490	550	93	70	Calm 0	ENE 1	10	2	—	(mist) a. D ² a. T ¹¹ a.—1 p.
12	30.278	30.263	71.5	68.5	56.8	74.6	459	450	59	64	ESE 1	ENE 2	0	8	—	(mist) a. D ² a. T ¹¹ a.—1 p.
13	30.216	30.196	64.7	66.6	56.9	72.8	495	437	81	68	E 5	E 2	2	1	—	(mist) a. D ² a. T ¹¹ a.—1 p.
14	30.200	30.156	70.7	61.3	55.3	77.5	498	457	66	84	SE 1	Calm 0	4	0	—	(mist) a. D ² a. T ¹¹ a.—1 p.
15	30.158	30.136	66.2	64.0	54.2	70.1	478	431	75	72	E 1	Calm 0	4	2	—	(mist) a. D ² a. T ¹¹ a.—1 p.
16	30.145	30.133	59.8	60.3	58.9	68.7	445	459	87	88	E 2	NE 4	10	9	—	(mist) a. D ² a. T ¹¹ a.—1 p.
17	30.236	30.246	60.3	59.9	57.8	63.7	410	411	80	80	NE 2	NE 2	10	10	—	(mist) a. D ² a. T ¹¹ a.—1 p.
18	30.233	30.164	60.0	59.8	57.4	62.8	395	426	76	83	E 4	E 3	10	10	—	(mist) a. D ² a. T ¹¹ a.—1 p.
19	30.142	30.105	60.4	54.3	53.1	62.2	398	379	76	90	ESE 3	NW 1	9	8	—	(mist) a. D ² a. T ¹¹ a.—1 p.
20	30.117	30.145	62.0	56.8	54.1	68.0	456	359	82	77	E 1	NW 1	10	0	—	(mist) a. D ² a. T ¹¹ a.—1 p.
21	30.194	30.170	62.8	54.1	50.4	66.3	446	390	78	93	E 2	Calm 0	4	0	—	(mist) a. D ² a. T ¹¹ a.—1 p.
22	30.176	30.154	61.2	53.3	53.3	67.2	437	387	81	72	ENE 3	Calm 0	6	10	—	(mist) a. D ² a. T ¹¹ a.—1 p.
23	30.143	30.107	60.7	61.7	53.5	65.3	414	431	78	78	ESE 2	NE 2	8	9	—	(mist) a. D ² a. T ¹¹ a.—1 p.
24	30.114	30.075	60.0	59.8	55.0	62.2	406	435	78	85	ENE 2	ENE 1	9	9	—	(mist) a. D ² a. T ¹¹ a.—1 p.
25	30.065	30.088	60.7	60.4	55.9	64.6	414	433	78	83	ESE 3	E 4	6	10	—	(mist) a. D ² a. T ¹¹ a.—1 p.
26	30.063	30.004	60.0	63.0	57.7	64.7	415	452	80	79	ENE 4	ENE 1	9	10	—	(mist) a. D ² a. T ¹¹ a.—1 p.
27	30.142	30.126	63.7	62.0	54.8	69.7	491	447	83	81	S 1	NW 2	10	10	—	(mist) a. D ² a. T ¹¹ a.—1 p.
28	30.278	30.239	69.0	65.1	53.3	75.6	524	499	74	81	E 1	Calm 0	0	0	—	(mist) a. D ² a. T ¹¹ a.—1 p.
29	30.200	30.054	62.5	60.5	55.4	69.2	432	419	76	80	E 2	E 4-5	2	0	—	(mist) a. D ² a. T ¹¹ a.—1 p.
30	30.019	30.031	64.8	63.2	53.4	70.3	445	484	73	83	E 4	E 4	3	0	—	(mist) a. D ² a. T ¹¹ a.—1 p.
31	30.065	30.071	61.3	52.7	52.7	67.2	466	365	86	92	E 3	Calm 0	10	0	—	(mist) a. D ² a. T ¹¹ a.—1 p.
Means	30.030	30.025	61.7	59.3	53.9	66.8	441	429	80.3	84.9	2.2	1.6	6.8	5.5	0.681	

WAKEFIELD.

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

AUGUST 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	29.618	29.626	60.4	56.4	42.5	66.5	362	382	69	84	W 1	NNW 1	6	7	0.050	
2	29.654	29.709	60.1	56.2	53.8	66.8	356	385	69	85	NW 2	WNW 2	5	10	0.010	T ² 4-5 p.
3	29.850	29.924	61.3	58.2	50.3	67.6	358	401	67	82	W 3	WSW 2	3	10	0.030	
4	29.853	29.823	65.0	65.0	55.6	75.0	503	477	82	78	SW 2	SW 2	6	0	—	Fine all day.
5	29.782	29.671	66.0	66.2	61.5	69.5	487	531	77	83	SW 2	SW 2	10	10	0.010	
6	29.632	29.562	62.7	58.4	57.8	66.8	416	443	74	90	SSW 2	SSW 3	10	10	0.250	Gloomy all day.
7	29.515	29.317	62.0	52.3	51.2	64.8	447	375	81	96	WSW 3	ENE 3	7	10	0.840	
8	29.538	29.780	61.6	57.8	51.9	67.0	379	393	70	82	NW 2	WNW 3	7	0	—	
9	29.975	30.144	62.8	54.2	52.2	69.2	371	364	65	86	W 3	W 2	4	0	—	Fine all day.
10	30.275	30.311	64.8	63.4	45.1	74.8	412	496	67	85	W 3	W 2	0	2	—	Very fine all day.
11	30.307	30.311	70.0	63.4	52.6	78.6	539	473	73	81	ENE 2	NE 2	2	3	—	Fine all day.
12	30.303	30.268	65.0	61.4	54.2	76.0	461	475	75	88	NNE 1	N 3	2	3	—	Fine all day.
13	30.225	30.231	62.9	59.8	59.2	75.0	473	479	83	93	N 2	NNE 3	10	8	—	
14	30.218	30.192	62.1	59.9	57.8	74.0	453	464	82	91	NW 3	N 2	5	10	—	
15	30.187	30.153	58.1	61.4	56.2	68.0	418	462	86	85	NE 1	N 2	10	10	—	
16	30.175	30.189	59.3	59.4	55.8	63.8	451	441	90	88	NNE 1	N 2	10	10	0.020	Sky overcast all day.
17	30.243	30.235	59.5	59.4	56.5	64.9	457	456	90	91	N 2	N 2	10	10	0.010	Air close and heavy a. Gloomy all day.
18	30.244	30.190	60.2	58.6	56.2	62.2	413	400	79	81	NE 3	NE 3	10	10	—	Gloomy all day.
19	30.177	30.139	57.2	58.2	55.5	62.8	357	453	76	93	NE 2	ESE 3	10	10	—	Gloomy all day.
20	30.215	30.180	58.5	54.4	54.2	64.8	412	386	84	92	ENE 2	SE 2	10	2	—	Fine from 1 p.
21	30.251	30.187	58.2	57.0	54.2	64.2	446	433	91	92	NNE 2	NNE 2	10	8	—	Fine from 3 p.
22	30.164	30.179	64.0	58.8	53.0	67.4	590	385	99	78	NNE 1	ENE 2	6	8	0.020	Fine all day.
23	30.144	30.159	60.0	58.2	55.1	63.9	385	422	74	87	NNE 2	NE 2	8	7	0.010	Fine all day.
24	30.116	30.116	60.2	58.2	54.4	65.8	422	416	81	85	NE 1	N 1	9	10	0.050	
25	30.101	30.048	60.3	59.0	54.3	64.8	406	416	78	84	E 2	E 2	5	4	—	
26	30.077	30.026	57.4	61.4	55.0	63.2	457	520	96	96	NNE 1	ENE 1	10	10	0.180	
27	30.159	30.254	62.8	63.2	58.9	74.3	473	512	83	89	N 1	N 1	10	10	—	Fine 10 a.—7 p.
28	30.214	30.293	60.8	60.2	52.2	73.8	482	447	91	85	NNE 1	N 1	10	1	—	Fine from 11 a.
29	30.214	30.075	64.9	59.1	56.2	71.8	449	436	73	87	NE 2	NE 3	3	6	0.090	Fine all day.
30	30.058	30.066	63.0	59.2	56.8	70.4	500	469	87	94	E 3	NE 3	10	0	—	[rumbling from W.
31	30.091	30.101	60.8	57.7	52.0	74.2	472	465	89	97	N 2	SSE 2	10	2	—	0.30 p. < very vivid. [low and
Means	30.047	30.049	61.7	59.2	54.4	68.8	439	441	80.0	87.4	1.9	2.1	7.4	6.5	1.570	

KELSTERN.

Height above Mean Sea Level, 388 feet. Long. 0° 7' W. Lat. 53° 24' N.

AUGUST 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	58.4	49.6	64.1	ins.	ins.	79	94	W 2	NNW 1	8	6	ins.	
2	29.528	29.550	58.8	58.8	50.4	63.7	394	410	79	94	NW 3	Calm 0	4	4	0.015	
3	29.563	29.589	58.5	57.5	51.8	61.2	373	455	76	96	WNW 1	Calm 0	8	10	0.075	
4	29.580	29.604	58.4	58.8	50.8	61.2	470	494	97	99	SSW 3	SW 5	10	10	0.190	(mist) before 9 a.
5	29.653	29.621	61.3	57.7	57.6	65.7	463	453	85	95	SW 3	SW 4	7	10	0.044	2 Noon.—2 p. D ² p.
6	29.558	29.581	59.7	50.8	50.8	63.7	467	351	92	94	SW 3	Calm 0	8	1	0.150	showers 9 a.—4 p.

BUXTON.

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

AUGUST 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.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.	61°6	55°3	49°3	60°0	in.	in.	60	69	WNW 1	WNW 2	4	10	ins.
2	29°627	29°703	61°6	55°3	49°3	60°0	in.	in.	60	69	WNW 1	WNW 2	7	10	—
3	29°671	29°744	55°5	58°9	49°0	67°4	317	472	73	96	WNW 1	WNW 2	7	10	—
4	29°686	29°744	57°0	58°9	54°0	63°6	366	469	79	95	WNW 2	W 2	3	6	0.020
5	29°747	29°849	62°9	60°6	55°1	67°0	477	451	84	85	W 1	WNW 1	9	0	—
6	29°775	29°801	61°5	60°3	55°1	68°3	467	425	86	82	W 1	WSW 2	10	3	2.000
7	29°685	29°600	53°1	54°0	52°9	64°9	386	374	96	90	WSW 1	W 1	10	10	0.460
8	29°572	29°522	59°5	59°9	52°3	66°0	410	427	81	84	WNW 1	NW 1	10	10	1.400
9	29°576	29°825	57°0	58°0	49°1	67°6	449	462	97	94	WNW 1	NW 1	10	3	—
10	29°962	30°182	58°0	57°4	47°2	66°2	406	434	84	92	NW 1	NW 1	8	3	—
11	30°250	30°294	64°3	62°8	45°2	71°0	409	529	68	93	NW 2	NW 1	1	4	—
12	30°274	30°305	70°3	61°2	50°1	76°6	548	482	74	90	NW 1	NNW 1	3	2	—
13	30°272	30°256	62°2	58°8	57°1	71°6	424	449	76	91	NE 1	NW 1	2	0	—
14	30°216	30°160	63°0	59°2	56°1	73°7	479	464	83	93	E 1	ESE 1	8	10	—
15	30°191	30°206	69°6	60°2	49°2	75°2	475	483	95	94	E 1	E 2	2	6	—
16	30°194	30°175	56°6	58°8	53°1	70°1	416	449	90	91	E 3	Calm	10	10	—
17	30°179	30°183	55°9	56°5	52°4	62°1	409	409	92	89	E 1	E 2	10	10	—
18	30°227	30°245	56°9	55°5	53°9	62°1	421	413	91	94	E 2	E 2	10	4	—
19	30°243	30°193	54°2	54°5	50°1	60°2	382	373	91	88	E 1	E 1	10	10	—
20	30°170	30°131	53°3	53°7	50°9	61°2	346	406	85	91	E 1	E 1	10	10	—
21	30°157	30°183	55°6	55°1	53°4	63°2	413	407	93	93	E 1	E 1	10	8	—
22	30°248	30°204	55°9	54°9	54°1	58°2	406	401	91	93	E 2	ESE 2	10	7	—
23	30°193	30°185	57°5	55°6	52°9	65°6	385	393	82	88	E 2	ESE 1	6	8	—
24	30°151	30°147	54°4	49°7	48°9	61°2	400	335	95	94	ENE 2	E 1	8	3	—
25	30°131	30°129	57°0	54°4	46°9	64°1	360	385	77	92	E 1	E 1	8	7	—
26	30°100	30°071	56°9	55°2	45°1	64°5	370	388	80	90	E 3	E 1	7	8	—
27	30°075	30°042	55°2	59°8	52°9	64°1	427	462	98	90	N 1	Calm	10	8	—
28	30°160	30°160	60°8	60°4	54°8	75°7	498	424	94	81	Calm	Calm	5	0	—
29	30°305	30°305	63°8	58°4	54°9	71°1	509	430	86	88	E 1	E 1	5	0	—
30	30°107	30°099	61°2	56°3	53°5	69°7	425	415	79	91	E 3	E 2	5	4	4.30
31	30°053	30°082	58°0	57°4	55°1	69°2	457	447	94	95	E 2	Calm	10	10	—
Means	30°051	30°055	59°1	57°5	51°9	67°2	421	424	84°0	89°7	1°4	1°2	7°2	5°9	2°640

HILLINGTON, NORFOLK.

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

AUGUST 1880.

1	29°620	29°620	61°8	54°7	45°4	68°7	389	404	71	94	SW 0.5	Calm	0	7	10	1.100	☁ a. and 9p.
2	29°659	29°721	55°1	54°0	47°2	66°6	422	409	97	98	W 1	NW 0.5	10	10	10	1.145	☁ 6p. ☁ 6.45p. ☁ 9p.
3	29°849	29°885	61°9	55°2	43°4	70°3	400	424	73	98	NW 1	WSW 2	1	10	10	1.002	Very fine a. Cloudy p. ☁
4	29°880	29°866	63°6	58°7	54°1	72°6	456	483	78	98	WSW 2	W 0.5	10	8	10	1.002	☁ 9p.
5	29°834	29°747	59°9	63°1	55°2	71°3	472	548	93	95	WSW 4	SW 0.5	10	10	10	1.080	☁ 9p.
6	29°634	29°532	71°3	68°6	58°2	74°6	652	589	85	99	SW 0.5	SW 0.5	9	10	10	1.080	☁ 2p. ☁ 3.30p.
7	29°554	29°452	63°6	56°7	50°2	67°1	421	457	72	99	NW 2	SE 0.5	6	10	10	1.890	Much cirrus a. ☁ 2p. ☁ 9p. ☁ 10p.
8	29°507	29°752	57°0	55°8	52°4	66°6	425	416	91	93	NW 4	NW 0.5	10	1	10	1.107	☁ 3.15p.
9	29°952	30°143	62°9	53°0	47°8	70°6	401	394	71	98	NW 3	NW 0.5	1	0	10	1.001	☁ a. and 9p. Very fine day.
10	30°277	30°272	67°2	61°9	45°4	76°7	416	501	62	91	NW 2	Calm	0	5	10	—	Very fine a. ☁ 9p.
11	30°265	30°249	72°7	59°7	55°1	75°6	554	475	69	94	NE 1	NE 0.5	3	10	10	—	Very fine till 3p., then cloudy. ☁ 9p.
12	30°246	30°177	68°6	58°9	53°2	71°5	500	475	71	96	NE 2	NE 1	5	10	10	—	Very fine, but sea ☁ from 6.30p.
13	30°143	30°138	62°1	59°5	57°9	72°2	509	482	91	95	NE 1	NE 2	10	10	10	—	Sea ☁ from 6p.
14	30°138	30°121	62°0	58°2	57°3	63°7	480	472	87	98	NE 4	NE 1	10	10	10	—	Overcast all day. Sea ☁ 4p.—7p.
15	30°131	30°133	58°9	57°3	56°7	62°6	462	451	94	96	NE 4	NE 1	10	10	10	—	Overcast. Sea ☁ at times.
16	30°120	30°105	60°0	58°8	56°4	63°6	473	482	92	97	NE 2	NE 1	10	10	10	—	Overcast. Sea ☁ at times.
17	30°160	30°177	62°3	58°8	58°8	67°6	492	436	88	88	NE 4	NE 2	10	10	10	—	—
18	30°180	30°144	60°6	56°6	56°3	63°6	436	403	83	87	NE 2	NE 0.5	10	10	10	—	—
19	30°107	30°066	61°0	59°5	56°2	68°0	491	472	92	93	NE 2	NE 1	10	10	10	2.000	Driving ☁ 6p. ☁ 11.45p.
20	30°085	30°116	60°1	58°5	58°1	63°5	489	472	94	96	NE 1	NE 0.5	10	10	10	—	Overcast all day. ☁ 9p.
21	30°162	30°120	62°0	57°9	55°1	69°5	465	449	84	93	NE 4	NE 1	10	10	10	—	☁ 9p.
22	30°120	30°102	64°1	58°3	53°9	70°2	451	453	76	93	NE 3	NE 1	7	10	10	—	☁ 9p.
23	30°102	30°083	60°1	48°9	48°6	66°1	430	344	84	100	NE 2	NE 0.5	10	2	10	1.010	☁ 2 (very heavy, 0.10 in.) ☁ 9p.
24	30°070	30°071	68°0	57°9	45°9	69°4	456	477	66	100	NE 2	NE 0.5	5	3	10	1.003	Very fine. Cirrus 6.30p. ☁ 9p.
25	30°059	30°000	63°6	58°3	50°1	65°8	427	470	73	97	NE 3	E 2	9	10	10	1.190	☁ 10a. ☁ 3.30p. ☁ 9p.
26	29°935	29°977	61°7	58°6	57°1	75°8	546	489	100	99	SE 0.5	NE 0.5	10	2	10	1.070	☁ 3.30a. ☁ 7a.—8a. ☁ 8.30a.
27	30°114	30°182	62°6	60°0	57°9	64°5	531	518	94	100	NE 1	NE 1	10	10	10	1.005	☁ (mist) all day. ☁ 2p.
28	30°246	30°228	72°3	58°3	58°1	77°6	594	477	76	98	NE 2	NE 1	0	0	10	1.011	Very fine. Cirrus 3p. ☁ 9p.
29	30°128	30°099	69°3	59°5	54°3	72°7	535	454	75	90	ESE 4	E 2	4	4	10	—	Very fine. ☁ 9p.
30	30°007	30°010	70°4	58°9	55°9	75°4	514	487	69	99	SE 4	E 2	7	3	10	1.005	Very fine. ☁ 2p.
31	30°033	30°077	70°7	53°2	53°2	78°3	568	400	76	99	NW 1	NE 0.5	4	0	10	1.006	Very fine. Ground ☁ 9p.
Means	30°011	30°002	63°8	57°7	51°4	69°8	479	457	81°5	95°8	2°2	0°9	7°5	7°5	1°825	—	—

Remark by the Observer: Harvest begun August 13th, ended September 4th; most favourable weather throughout.

UPPINGHAM.

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

AUGUST 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°5	54°3	47°9	67°8	in.	in.	88	83	NW 2	Calm	0	9	5	ins.
2	29°629	29°633	56°5	54°3	47°9	67°8	in.	in.	88	83	NW 2	Calm	0	9	5	ins.
3	29°654	29°774	53°9	51°2	50°0	65°6	393	358	95	96	NW 1	NNW 1	10	5	100	☁ till 9a. ☁ 1p.—2p. Cir.-s. 9p.
4	29°863	29°917	60°1	58°0	49°0	68°9	371	427	72	88	WhyN 1	Calm	0	6	1077	☁ 2p.
5	29°882	29°869	64°1	59°8	54°9	70°6	521	473	87	92	SW 2	SSW 1	10	0	—	Dull muggy day. Mackerel sky 9p.
6	29°820	29°735	62°8	63°0	57°4	70°0	509	526	89	92	sw b.s 3	sw b.s 1	10	8	—	Dull and gloomy all day.
7	29°636	29°564	63°9	58°6	57°4	68°6	510	482	86	98	SW 1	NW 2	10	10	355	☁ a. ☁ 2 from 2.30p. ☁ at night.
8	29°581	29°501	58°3	56°3	48°6	62°4	438	436	89	96	WSW 3	NNE 1	6	10	579	Wind increased a.
9	29°544	29°790	58°3	53°8	50°7	61°0	411	383	84	92	NNW 3	NW 1	9	0	—	Sun shining all day.
10	29°960	30°148	63°1	59°5	49°0	71°7	410	435	72	86	NNW 2	Calm	0	9	—	
11	30°280	30°283	64°9	64°3	50°7	70°6	428	488	70	81	W b.N 2	NNW 1	1	10	—	
12	29°280	29°273	69°3	58°3	58°3	78°4	573	471	80	97	Calm	NE 3	6	2	—	
13	29°264	29°217	61°3	59°9	54°6	71°2	451	477	83	93	NE b.E 1	NNE 2	9	1	—	
14	29°177	29°171	62°0	60°0	50°5	71°6	503	505	90	98	NE 2	NNE 4	9	10	—	
15	29°157	29°159	61°0	58°8	57°0	71°1	467	480	87	97	ENE 1	NNE 2	7	10	—	
16	29°144	29°145	59°1	57°2	55°6	63°5	469	453	94	97	NNE 2	N by E 3	10	10	—	Cir.-s. low and heavy 6.30p.
17	29°132	29°122	57°4	57°7	54°6	63°0	448	464	95	97	NE 1	NE 4	10	10	—	☁ (mist) ☁. Very dull day.
18	29°168	29°108	60°2	57°3	56°3	63°2	479	427	92	90	NNE 2	NE 1	10	10	—	Overcast all day, but not so dull as on [16th].
19	29°185	29°151	57°8	55°6	55°2	63°2	446	405	93	91	NE 2	NE 3	10	10	—	Overcast all day.
20	29°116	29°088	58°9	58°1	54°2	65°1	446	477	90	99	NE b.N 1	NNE 2	10	10	031	☁ 0 11.10p.
21	29°100	29°136	56°9	58°2	56°3	62°1	460	467	99	96	NNE 2	NNE 1	10	10	—	☁ a. ☁ 0 9p.
22	29°180	29°138	58°3	57°6	57°0	64°2	452	435	92	90	NNE 2	N by E 4	10	10	—	☁ (mist) a. Cir.-s. low and heavy, [4p.]
23	29°127	29°132	61°9	55°3	55°3	68°4	450	432	81	99	NNE 2	N by E 1	5	8	—	Roll-cum. in South. 5.30p.
24	29°106	29°096	56°9	50°5	50°5	64°7	424	356	92	97	NNE 2	NNE 1	10	8	—	Mackerel sky 9p. Cloudless, 10p.
25	29°082	29°093	61°7	53°0	49°7	70°2	397	380	72	94	NNE 1	NE 1	8	7	—	Cir. (mares' tails) 6.30p. ☁ 9p.
26	30°061	30°014	59°7	56°9	51°9	65°9	457	447	90	97	NE 3	NE 1	10	10	017	[< in SW. 9p. ☁.
27	29°929	29°004	61°0	58°9	55°9	73°9	530	478	99	97	E by N 1	Calm	0	10	—	☁ a. Hot and muggy 9p. Summer
28	30°132	29°213	58°9	60°1	57°1	75°2	472	513	96	99	NNE 1	Calm	0	10	—	☁ early a. Hot day, with high cir.-c. [after 6.30p. ☁ 9p.]
29	29°260	29°239	63°1	58°9	58°9	78°1	529	488	91	98	NE 2	NNE 3	10	4	—	☁ clearing 7a. Cloudless 1p. [30th.]
30	29°137	29°025	65°1	58°0	55°4	71°1	480	470	78	97	NNE 3	NE 3	5	3	056	< in S.E. 9p. ☁ 2 ☁ 11.30p.—0.30a.
31	30°015	30°023	60°1	56°0	55°6	75°0	486	498	94	97	NE 2	NE 1	10	0	—	☁ (mist) 9a. Thin cirri 6p.
32	30°052	30°112	60°6	60°0	57°2	77°1	499	479	94	93	NNR 1	Calm	0	10	—	☁ early a. Cloudless 9p.
Means	30°021	30°021	60°6	57°7	54°0	69°0	462	450	87°5	94°1	1°7	1°5	8°4	6°5	1°577	

CHURCHSTOKE.

Height above Mean Sea Level, 548 feet. Long. 3° 5' W. Lat. 52° 31' N.
AUGUST 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	56°	49°	66°	in.	in.	87	89	ENE 1	Calm	10	7	ins.	
2	29°58	29°58	54°	56°	49°	66°	362	401	87	89	ENE 1	Calm	10	7	29°57	
3	703	844	56°	53°	50°	64°	375	335	84	81	NE 0.5	Calm	9	4	—	D p.
4	907	936	61°	58°	48°	64°	424	424	76	87	W 1	Calm	6	10	—	D a.
5	889	867	63°	61°	57°	72°	475	465	83	84	WSW 1	W 0.5	10	9	—	Fine day. D p.
6	781	706	63°	61°	60°	70°	465	449	81	84	SW 3	SW 2	9	6	—	Threatening look to W.
7	642	655	59°	52°	52°	60°	427	357	84	89	SW 2	NNW 0.5	9	1	0.061	
8	572	429	56°	53°	48°	58°	369	330	80	81	SW 2	NNW 3	9	9	0.873	T ga. 2 from 100.—5 p.
9	29°64	29°67	57°	54°	50°	63°	366	338	77	81	NW 3	Calm	7	1	—	Fine and clear. D p.
10	30°04	30°21	60°	53°	49°	70°	415	357	79	86	WNW 1	Calm	2	0	—	D a. and p. Fine and bright.
11	306	316	61°	66°	46°	74°	441	550	81	85	NW 1	Calm	2	0	—	D a. Hot and close.
12	319	292	64°	63°	61°	75°	528	507	87	88	Calm	Calm	10	2	—	D a. ∞ on the hills. Hot.
13	291	244	59°	61°	50°	71°	401	459	78	85	ENE 2	NE 1	5	5	—	D a. ∞
14	214	189	61°	63°	55°	73°	461	537	86	93	NE 1	NE 1	9	4	—	D a. Distant T.
15	182	169	63°	63°	51°	75°	482	494	84	85	NE 1	Calm	2	1	—	D a. Close.
16	154	150	61°	59°	55°	71°	449	459	82	90	NE 1	SE 2	6	0	—	D a. ∞ on the hills. Bright.
17	160	146	56°	60°	55°	65°	430	449	94	87	ENE 2	NE 1	10	10	—	Dull. ∞ p.
18	194	212	58°	60°	56°	63°	433	437	89	85	ENE 2	NE 2	10	8	—	Dull and overcast.
19	224	162	56°	57°	55°	61°	386	375	84	81	E 2	ESE 1	10	10	—	D a. Dull and cool.
20	147	115	54°	58°	52°	60°	367	430	86	88	ENE 1	Calm	10	10	—	D a. ∞.
21	124	150	57°	59°	56°	63°	449	439	94	88	NE 1	Calm	10	9	—	D a. Dull with ∞.
22	181	160	59°	58°	56°	61°	427	416	86	86	SE 1	ESE 1	10	10	—	D a. Clear p. D.
23	164	136	55°	59°	54°	69°	377	434	85	86	ESE 2	Calm	10	9	—	D a.
24	130	110	55°	53°	52°	63°	355	369	81	92	ENE 1	Calm	10	3	—	D a. ∞ all p.
25	108	085	57°	55°	43°	63°	365	374	78	85	ESE 2	Calm	8	1	—	D a. ∞.
26	30°063	006	57°	59°	49°	62°	412	446	86	90	ENE 2	E 2	9	10	—	D a. ∞.
27	29°058	028	57°	60°	55°	67°	446	498	95	96	SE 1	Calm	10	10	—	D a. ∞.
28	30°149	241	61°	62°	53°	74°	505	477	92	86	Calm	N 0.5	10	0	—	D a. ∞.
29	293	251	59°	61°	54°	73°	482	467	95	87	Calm	N 2	10	0	—	D a. ∞. Hot day with ∞.
30	180	064	61°	54°	49°	68°	425	369	80	88	ESE 1	Calm	3	1	—	D a. Bright.
31	031	040	64°	57°	52°	72°	487	401	82	85	E 2	E 1	4	2	—	D a. Bright.
Means	30°048	30°052	59°	58°	52°	67°	426	427	84°	86°	1°	0°	8°	4°	1°237	D a. Clear p.

Observer remarks: Hay harvest finished on 20th; oats and beans cut on 21st; barley cut on 24th.

GELDESTON (BECCLES).

Height above Mean Sea Level, 37 feet. Long. 1° 31' E. Lat. 52° 28' N.
AUGUST 1880.

1	29°624	29°645	61°	54°	47°	64°	361	388	66	93	S? 1	NW 1	10	0	0.030	D 0 ga. D 2 gp.
2	646	743	60°	54°	48°	61°	418	399	80	95	WNW 1	Calm	10	10	0.040	T 0 p.
3	844	902	59°	58°	47°	68°	392	439	76	90	W 2	ESE 1	1	9	—	T p. D 9p.
4	911	901	64°	62°	54°	73°	427	510	72	92	WSW 1	Calm	0	9	—	D 2 gp.
5	868	790	59°	62°	55°	73°	455	496	91	88	SW 1	WSW 1	10	9	—	D a. D 9p.
6	672	573	71°	60°	57°	74°	484	470	62	92	SSE 1	SSW 1	7	10	0.030	Soft cir.-s. ga.
7	577	230	61°	59°	53°	69°	400	487	72	98	W 3	SE 2	4	10	0.800	K 10p.
8	465	29°744	55°	56°	54°	65°	423	394	97	88	NW 3	W 2	10	4	0.140	T
9	29°934	30°156	62°	56°	49°	71°	395	411	72	89	NW 3	E 1	2	0	—	D ga. Wind SE. 7p. D 2 gp.
10	30°267	270	66°	60°	49°	76°	407	449	63	85	NW 2	WNW 1	0	0	—	D 2 ga. D 9p.
11	266	249	68°	59°	56°	71°	467	490	67	98	NNE 2	NE 1	8	0	—	D ga. and gp.
12	226	170	66°	60°	56°	71°	480	478	76	91	NNE 2	NNE 3	0	10	—	D 0 ga. D 9p.
13	123	110	65°	60°	58°	73°	531	500	85	96	N 2	N 2	6	1	—	D 0 ga. D 9p.
14	096	102	61°	60°	57°	63°	513	513	93	98	N 3	N 3	10	10	—	Clouds a sheet.
15	110	118	61°	58°	58°	62°	500	464	93	95	N 2	N 2	10	10	—	D 2 ga. Clouds a sheet.
16	105	090	60°	60°	57°	63°	465	500	89	95	NE 2	NE 1	10	10	—	Clouds a sheet.
17	147	169	61°	59°	58°	63°	487	458	90	92	NNE 3	NNE 2	10	10	—	D 0 ga. Clouds a sheet.
18	166	134	60°	59°	58°	63°	435	431	82	86	NE 3	NE 1	10	10	—	Clouds a sheet ga.
19	086	053	62°	61°	58°	67°	507	508	89	94	NE 2	NE 1	10	10	0.010	
20	057	104	62°	61°	60°	64°	544	508	97	94	NE 1	NE 3	10	8	0.310	0 ga. Clouds a sheet. 2 Noon.
21	145	118	64°	59°	58°	66°	486	455	80	91	NE 3	NE 3	5	8	—	D 9p.
22	100	104	62°	57°	56°	65°	423	430	75	91	NE 3	NNE 1	8	2	—	D 0 ga. D 2 gp.
23	087	075	63°	54°	53°	66°	411	390	70	93	NE 3	NE 1	9	0	—	D ga. Coloured 223° ga. D 2 gp.
24	072	30°071	63°	56°	51°	65°	406	424	70	93	ENE 2	N 1	4	2	—	Mares' tails issuing from cir.-s. ga. D 2 gp.
25	30°053	29°993	62°	61°	55°	62°	454	503	81	94	ENE 3	ENE 3	10	10	0.480	D ga. 2 till Noon. 2 p. D 9p.
26	29°919	29°978	63°	60°	60°	73°	507	506	98	95	N 1	W 1	10	0	0.060	1 2 7.30a. 2 8a. 7 0 ga. K [to SSW. 2p. D 2 K to NE. 9p.
27	30°093	30°187	62°	61°	57°	71°	544	526	97	96	NW 1	NW 2	10	10	—	D 2 a. and p. Clouds a sheet.
28	234	230	70°	61°	58°	72°	537	467	73	87	NE 2	NE 2	0	5	—	D 2 ga. D 9p.
29	104	30°013	66°	64°	58°	67°	460	455	73	76	ENE 5	E 3	7	0	—	D ga. 2 in evening. D 0 gp.
30	010	29°998	67°	63°	60°	68°	457	499	68	86	E 3	ENE 1	1	1	—	D ga. and gp. Coloured 223° ga.
31	027	30°049	66°	58°	57°	74°	525	468	82	95	NE 1	Calm	0	8	—	D ga. D 2 223° gp.
Means	30°001	30°004	63°	59°	55°	68°	465	465	80°	91°	2°	1°	7°	5°	1°900	

CHELTENHAM.

Height above Mean Sea Level, 184 feet. Long. 2° 3' W. Lat. 51° 54' N.
AUGUST 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	52°	49°	68°	in.	in.	87	81	Calm	N	1	9	3	ins.	Very fine.	
2	29°639	29°664	57°	52°	49°	68°	375	364	81	91	Calm	N	1	5	2	—	● early a. Very fine day.	
3	658	815	58°	51°	50°	67°	425	330	86	87	N	1	Calm	0	3	10	—	Very fine day.
4	900	933	62°	57°	44°	67°	419	436	76	91	NW	1	Calm	0	3	10	—	Dull a. Fine p.
5	902	870	63°	65°	55°	74°	473	516	80	84	SW	1	Calm	0	10	5	—	Dull a. Fine after 4p. Close.
6	817	717	63°	65°	59°	74°	482	453	82	74	S	1	W	1	10	10	0.090	Dull and close.
7	671	635	60°	56°	56°	70°	492	382	94	83	W	1	W	1	10	1	150	Dull and close.
8	590	319	60°	55°	46°	61°	421	338	81	78	SW	1	W	5	9	10	140	Wet, dull and cool.
9	29°645	29°855	59°	54°	51°	66°	369	358	73	84	NW	3	Calm	0	6	5	—	Close day.
10	30°009	30°191	61°	55°	46°	73°	412	379	78	86	NW	2	Calm	0	2	—	—	Very fine.
11	289	291	63°	62°	45°	73°	412	406	72	71	Calm	0	Calm	0	0	1	—	Very fine.
12	275	231	67°	66°	59°	79°	552	459	83	71	SW	1	S	1	1	0	—	Very fine.
13	198	186	59°	63°	53°	74°	407	454	80	79	W	1	Calm	0	9	0	—	Dull a. Fine p.
14	168	145	62°	62°	51°	75°	498	535	87	94	W	2	Calm	0	10	0	—	Fine day.
15	150	122	62°	67°	56°	75°	483	512	87	77	NW	2	W	2	10	9	—	
16	131	117	60°	61°	59°	67°	457	480	86	89	NE	2	NW	1	10	10	—	
17	104	126	58°	60°	55°	68°	434	443	90	86	N	2	N	3	10	10	—	Cold ga. Dull and warm day.
18	140	177	61°	60°	57°	67°	425	441	91	85	NE	3	NE	2	10	8	—	Dull.
19	179	132	60°	60°	56°	64°	404	362	77	69	NE	2	N	1	10	10	—	Dull and cool.
20	096	074	57°	58°	55°	63°	427	454	89	93	NE	1	NE	1	10	3	—	Dull and cool.
21	085	120	59°	61°	55°	66°	473	479	95	89	NE	1	NE	1	10	10	—	Dull and cool.
22	139	115	60°	58°	57°	68°	447	409	85	85	N	2	NE	1	8	2	—	
23	119	109	60°	58°	56°	68°	424	393	82	81	N	2	Calm	0	10	0	—	Fine and warm.
24	092	094	57°	55°	54°	68°	412	371	86	84	NE	2	NE	1	8	8	—	Dull and cool.
25	077	30°048	59°	59°	48°	68°	371	399	72	77	SE	1	NE	3	9	6	—	
26	30°011	29°082	62°	60°	55°	65°	460	457	84	86	NE	2	NE	3	9	10	—	Dull.
27	29°905	29°995	61°	65°	58°	73°	501	539	91	87	NE	2	Calm	0	8	10	0.090	Fine a. ☼ op.
28	30°151	30°211	60°	55°	54°	75°	505	431	95	99	Calm	0	Calm	0	10	10	—	Very fine a. ☼ at night.
29	240	187	62°	63°	53°	77°	498	537	88	91	NE	1	NE	2	10	0	—	Very fine a. ☼ op.
30	30°114	30°003	64°	60°	53°	73°	453	424	74	82	NE	2	NE	1	4	1	—	Very bright and hot.
31	29°84	29°096	63°	57°	50°	75°	480	430	83	92	Calm	0	Calm	0	6	0	—	Very bright and hot.
32	30°095	30°109	58°	54°	48°	74°	453	400	91	95	Calm	0	Calm	0	10	0	—	Very bright and hot. ☼ p.
Means	30°018	30°018	61°	59°	53°	70°	449	432	83°8	84°5	1°4		1°0	7°9	5°0	0°490		

MARLBOROUGH.

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

AUGUST 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	52.9	52.8	49.3	64.6	ins.	ins.	91	91	NE 1	Calm	0	2	ins.	Fine.
2	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	Calm	0	10	1	0.40	● ² early a. T 3.45 p. ● ² shower [4 p., then fine.
3	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	Calm	0	4	9	—	
4	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	W 1	Calm	0	9	—	
5	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	S 1	Calm	0	10	3	Cloudy all day.
6	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	W 2	Calm	0	10	2	● all day.
7	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	W 5	Calm	0	10	10	
8	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	W 2	Calm	0	5	0	
9	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	Calm	0	2	0	—	Very fine all day.
10	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	Calm	0	1	9	—	Very fine.
11	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	Calm	0	1	8	0	Fine.
12	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	NE 2	N 1	9	0	—	Fine.
13	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	Calm	0	8	0	—	Fine.
14	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	Calm	0	10	8	—	
15	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	NE 2	NE 2	10	10	—	Dull all day.
16	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	NE 2	NE 2	10	10	—	Dull all day.
17	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	NE 1	E 2	10	10	—	Dull.
18	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	NE 2	E 1	10	10	—	Dull.
19	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	E 2	Calm	0	10	10	
20	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	Calm	0	10	9	—	
21	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	NE 1	NE 2	10	2	—	
22	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	NE 1	Calm	0	9	0	
23	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	NE 1	NE 1	7	8	—	Dull.
24	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	NE 2	NE 2	10	10	0.020	Very dull, with ● showers. Fine [after 11 a.
25	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	E 1	Calm	0	10	10	
26	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	Calm	0	10	3	—	Very dull. K 5.30 p.—6.15 p.
27	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	Calm	0	10	1	—	[2 miles to the North.
28	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	Calm	0	10	0	—	K 4 p. for a few minutes only. ● ²
29	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	Calm	0	7	0	—	Very fine.
30	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	Calm	0	8	1	—	Very fine.
31	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	Calm	0	10	0	—	Fine.
Means	56.9	56.8	57.2	51.8	51.8	66.6	56.9	56.8	88	86	0.5	0.7	8.6	4.7	1.350	

STRATHFIELD TURGISS.

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

AUGUST 1880.

1	29°632	29°695	57°2	51°8	50°8	65°4	*397	*362	85	94	S	2	NW	1	10	3	*119	☼ op.
2	*666	*790	58°8	54°1	47°4	68°7	*462	*370	94	88	W	1	NW	1	10	0	*010	☼ op.
3	*915	*953	66°7	61°1	43°5	72°1	*396	*461	60	86	NW	3	NW	2	3	10	—	☼ op.
4	*942	*922	64°4	61°1	56°2	73°6	*503	*469	84	87	SW	2	SW	3	10	10	—	☼ op.
5	*864	*776	67°3	62°8	56°9	74°6	*545	*489	82	85	S	1	SW	2	10	8	*015	☼ op.
6	*664	*625	64°3	60°4	58°4	66°0	*487	*457	81	88	SW	0-1	W	3-4	10	0	*187	☼ op.
7	*648	*345	60°4	56°2	49°9	64°2	*431	*410	83	91	SW	3	W	4-5	8	9	*134	☼ in squalls p.
8	*645	29°855	61°2	56°2	51°5	68°2	*358	*393	67	87	W	5-4	W	2	7	3	—	☼ in squalls a.
9	29°976	30°221	66°8	58°2	46°1	74°2	*446	*421	66	87	SW	1	SW	1	2	0	—	☼ op.
10	30°314	*294	68°3	61°2	47°4	78°2	*461	*501	68	94	SW	1	W	2	0	0	—	☼ op.
11	*281	*215	66°3	62°9	57°8	78°1	*516	*443	72	78	NE	2	NE	2	5	1	—	☼ op.
12	*213	*149	63°2	60°2	56°2	75°0	*457	*456	79	82	NE	1	NE	1	8	0	—	☼ p.
13	*109	*087	64°2	63°4	57°2	77°1	*482	*526	80	91	NE	2	NE	1	5	0	—	☼ p.
14	*096	*071	64°0	63°2	58°3	77°0	*503	*520	84	92	NE	1	NE	1	9	10	—	☼ p.
15	*065	*066	63°2	60°0	59°0	66°2	*498	*483	86	94	NE	1	NE	1	10	10	—	☼ p.
16	*066	*042	58°3	60°0	54°5	67°3	*338	*475	70	92	NE	2	NE	1	10	10	—	☼ p.
17	*069	*110	62°0	61°1	57°0	73°8	*446	*462	81	86	NE	3	NE	3	9	9	—	☼ p.
18	*109	*063	59°8	60°0	57°3	76°2	*421	*369	82	71	NE	3	NE	1	9	6	—	☼ p.
19	*034	*053	66°2	63°1	56°4	73°3	*397	*503	62	87	NE	3	NE	1	10	10	—	☼ p.
20	*067	*049	62°6	61°4	57°2	68°8	*498	*500	88	93	NE	1	NE	1	10	0	—	☼ p.
21	*096	*076	61°8	60°8	58°3	74°2	*449	*454	82	85	NE	3	NE	2	9	0	—	☼ p.
22	*071	*087	65°0	57°7	57°1	74°1	*447	*400	73	84	NE	4-5	NE	1	8	2	—	☼ p.
23	*067	*041	61°3	57°9	47°0	66°3	*444	*413	83	86	NE	3-4	NE	2	9	1	—	☼ p.
24	*065	30°049	62°9	61°6	49°5	71°2	*473	*453	83	83	NE	1	NE	2	10	4	*013	☼ p.
25	30°017	29°955	61°9	61°1	58°6	65°5	*451	*507	82	94	NE	1	NE	1	10	10	*511	☼ p.
26	29°912	29°983	64°4	62°1	58°4	77°5	*570	*541	95	97	NE	1	NE	2	10	5	—	☼ p.
27	30°117	30°218	64°3	59°8	56°9	76°9	*541	*485	90	95	NE	2	NE	1	10	0	—	☼ p.
28	*235	30°182	64°4	61°8	57°0	78°8	*560	*428	93	78	NE	1	NE	0-1	10	0	—	☼ p.
29	30°098	29°993	68°7	59°0	55°1	76°3	*528	*457	76	92	NE	2	E	1	2	1	*030	☼ p.
30	29°992	30°009	60°8	59°8	54°8	68°6	*505	*494	95	96	E	1	NE	0-1	8	5	*020	☼ p.
31	30°057	30°163	59°3	56°2	49°6	76°2	*479	*433	95	96	NE	1	NE	0-1	10	0	—	☼ p.
Means	30°003	30°004	63°3	59°9	54°2	72°4	*467	*456	80°7	88°4	1°9		1°6	8°1	4°4	1°029		

RAMSGATE.

Height above Mean Sea Level, 105 feet. Long. 1° 25' E. Lat. 51° 20' N.

AUGUST 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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.	°38.8	58°2	55°6	67°5	in.	in.	%	%					ins.		
1	29°600	29°650	63°8	58°2	55°6	67°5	°531	°467	90	96	Calm	0	Calm	0	5	10	ins. 150
2	°668	°765	64°5	55°0	49°1	68°5	°539	°415	89	96	Calm	0	Calm	0	9	5	°300
3	°889	°957	63°0	60°8	52°8	70°0	°558	°505	97	95	Calm	0	SW	1	3	5	—
4	°947	°967	68°5	65°4	56°4	69°5	°635	°592	91	95	Calm	0	Calm	0	3	5	—
5	°886	°793	65°1	63°1	57°3	76°1	°601	°539	97	93	Calm	0	Calm	0	5	3	—
6	°666	°617	64°5	61°0	60°5	69°1	°584	°537	96	100	SW	1	S	4	9	10	°080
7	°620	°258	64°5	60°1	53°5	65°1	°511	°516	85	99	SW	3	SW	5	5	10	°330
8	°547	29°819	55°7	52°1	53°1	67°1	°437	°447	99	96	W	5	SW	3	10	10	°310
9	29°994	30°197	61°0	60°0	52°5	73°2	°496	°487	93	95	SW	1	Calm	0	5	2	Squally a.
10	30°290	°303	69°5	62°5	53°7	73°8	°576	°528	80	93	Calm	0	SW	1	3	8	—
11	°256	°220	66°8	60°0	58°8	71°1	°570	°487	87	95	SW	1	NE	3	10	0	—
12	°187	°130	66°8	61°2	59°1	70°1	°613	°533	93	99	NE	2	NE	3	0	3	—
13	°101	°090	62°3	60°1	59°2	73°8	°554	°516	99	99	NE	3	NE	3	10	10	—
14	°070	°069	63°1	62°1	60°0	65°2	°574	°554	99	99	NE	2	NE	2	10	10	—
15	°065	°101	63°1	60°4	60°2	64°9	°574	°518	99	99	NE	2	NE	3	10	7	—
16	°072	°062	62°0	61°0	59°8	64°5	°548	°537	99	100	NE	2	NE	3	9	8	—
17	°043	°134	64°0	60°4	60°0	65°2	°588	°522	99	100	NE	3	NE	4	10	10	—
18	°131	°085	64°0	61°3	59°6	67°2	°539	°543	90	100	NE	2	NE	2	9	10	—
19	°037	°023	67°0	63°0	61°0	72°2	°630	°533	95	93	NE	1	NE	2	5	10	—
20	°034	°071	67°5	62°1	60°1	75°1	°558	°548	84	93	NE	1	NE	1	8	1	—
21	°104	°055	67°5	62°5	60°8	73°1	°554	°496	83	88	NE	2	NE	2	6	2	—
22	°050	°085	63°1	59°9	59°5	68°7	°464	°391	81	76	NE	2	NE	3	10	5	—
23	°032	°033	63°8	60°0	59°1	68°8	°492	°425	78	83	NE	2	NE	3	10	1	1070
24	°038	30°040	64°1	60°8	59°8	68°1	°494	°479	83	90	NE	1	NE	3	10	5	°050
25	30°004	29°945	62°5	62°5	61°2	66°3	°520	°566	94	100	NE	2	NE	2	10	5	—
26	29°905	29°978	70°0	65°0	61°6	75°2	°615	°558	84	90	Calm	0	Calm	0	5	3	—
27	30°110	30°210	62°3	65°0	61°7	69°5	°545	°580	97	94	Calm	0	Calm	0	10	10	—
28	°214	30°154	67°5	65°0	62°3	72°4	°586	°501	88	82	N	E	N	2	5	0	—
29	30°053	29°057	64°9	65°3	62°1	70°5	°494	°550	81	89	NE	2	NE	1	8	10	—
30	29°971	29°963	67°1	62°5	61°8	71°2	°475	°520	72	94	NE	2	NE	1	3	5	—
31	29°998	30°158	67°8	64°2	61°2	73°4	°546	°539	81	90	NE	1	NE	2	4	5	—
Means	29°990	29°996	64°8	61°5	58°5	69°9	°548	°513	89°8	93°9	1°4		1°9	7°1	5°9	2°290	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

ST. LEONARDS.

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

AUGUST 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	54°	60°	ins.	ins.	95	95	E 2	WNW 1	10	8	ins.	Wind backed during the day.
2	29°577	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
3	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
4	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
5	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
6	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
7	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
8	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
9	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
10	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
11	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
12	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
13	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
14	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
15	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
16	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
17	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
18	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
19	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
20	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
21	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
22	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
23	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
24	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
25	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
26	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
27	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
28	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
29	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
30	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
31	29°575	29°660	55°	57°	54°	60°	418	423	95	90	SSW 2	WNW 1	8	3	—	
Means	29°577	29°660	55°	57°	54°	60°	418	423	95	90	2°5	3°1	6°7	5°5	0°552	

Observer remarks: Latter half of month remarkable for the closeness of the air, especially at night.

DARTMOOR.

Height above Mean Sea Level, 1,359 feet. Long. 3° 53' W. Lat. 50° 33' N.

AUGUST 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 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°628	29°732	56°	52°	50°	62°	384	361	84	93	WNW 2	WNW 1	7	5	1°70	
2	29°703	29°894	58°	51°	49°	59°	434	348	90	93	WNW 3	NW 2	6	10	—	
3	29°824	29°952	56°	56°	50°	64°	457	443	100	97	SW 2	SW 1	10	10	—	
4	29°914	29°839	55°	58°	55°	60°	433	459	100	94	SW 2	S 1	10	10	—	
5	29°817	29°773	53°	52°	50°	62°	374	396	93	100	S 1	SW 2	10	10	—	
6	29°686	29°736	56°	57°	51°	60°	412	465	90	100	W 2	W 1	10	10	—	
7	29°595	29°626	52°	51°	50°	59°	388	381	100	100	SW 2	SW 1	10	10	—	
8	29°783	29°943	54°	50°	49°	60°	356	334	84	93	NW 4	NW 1	8	3	—	
9	29°030	29°239	63°	54°	50°	67°	382	425	65	100	N 1	Calm	0	7	—	
10	29°312	29°316	61°	57°	55°	69°	447	443	83	94	S 1	NE 1	3	0	—	
11	29°262	29°218	64°	61°	55°	71°	487	470	81	88	NE 2	E 3	3	0	—	
12	29°196	29°201	60°	60°	52°	64°	410	424	79	82	NE 3	E 2	4	10	—	
13	29°150	29°152	62°	61°	54°	69°	437	470	79	88	NE 4	E 1	3	0	—	
14	29°118	29°123	66°	62°	58°	70°	464	487	73	88	NE 1	Calm	0	3	—	
15	29°100	29°100	59°	58°	54°	65°	422	451	97	93	NE 2	NE 3	10	10	—	
16	29°087	29°081	57°	57°	56°	65°	460	434	98	93	NE 1	ENE 4	10	7	—	
17	29°101	29°090	55°	58°	54°	64°	430	451	99	93	SE 3	NE 5	10	10	—	
18	29°116	29°091	54°	55°	53°	61°	412	403	98	93	E 3	NE 4	10	5	—	
19	29°081	29°059	54°	56°	51°	62°	403	389	95	87	E 2	E 2	10	10	—	
20	29°077	29°072	56°	56°	53°	67°	434	412	84	90	E 2	E 1	3	10	—	
21	29°102	29°075	56°	57°	53°	66°	437	443	94	94	E 3	E 2	10	8	—	
22	29°060	29°053	56°	56°	51°	63°	374	364	81	81	E 4	ESE 4	3	8	—	
23	29°035	29°026	54°	54°	51°	59°	374	418	87	100	ESE 3	E 4	10	10	—	
24	29°046	29°030	53°	56°	51°	57°	388	412	93	90	E 2	E 1	10	10	—	
25	29°979	29°937	55°	59°	55°	59°	446	467	100	94	E 2	E 2	10	10	—	
26	29°900	29°907	56°	57°	55°	59°	464	473	100	100	SE 1	Calm	0	10	8	
27	29°123	29°124	59°	57°	56°	70°	509	443	100	94	E 1	Calm	0	10	0	
28	29°238	29°238	62°	61°	56°	69°	520	501	94	94	E 1	E 1	5	6	—	
29	29°068	29°016	60°	55°	53°	65°	437	349	85	81	E 4	Calm	0	9	2	
30	29°085	29°040	63°	55°	54°	70°	437	333	75	76	E 1	Calm	0	1	0	
31	29°073	29°073	66°	54°	50°	70°	377	356	58	84	W 1	Calm	0	4	0	
Means	29°011	29°035	58°	56°	52°	64°	428	420	88°	91°	2°1	1°6	7°4	6°7	1°200	

AUGUST 1880.

BABBACOMBE.

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

AUGUST 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	50°	53°	64°	ins.	ins.	90	87	ENE 1	NW 1	8	4	ins.	D ⁰ p.
2	29°624	29°712	58°	50°	53°	64°	436	403	90	87	ENE 1	NW 1	8	4	ins.	
3	29°690	29°866	64°	55°	51°	68°	437	345	73	78	NW 3	NW 3	7	4	—	[all day.] D ⁰ p. n. (and over sea and hills SE.—N.
4	29°939	29°967	66°	61°	52°	71°	457	498	72	91	NW 2	WSW 2	8	9	—	
5	29°938	29°904	63°	59°	57°	70°	489	470	85	92	WSW 3	SW 2	10	10	—	D ⁰ p. with squalls p.
6	29°836	29°761	61°	60°	58°	69°	511	436	94	83	SSE 2	SW 2	10	3	—	
7	29°679	29°733	65°	59°	55°	67°	480	384	77	89	W 2	W 2	9	1	0°80	D ⁰ p. n. and p. [all day.] D ^a a. and p. hill 10a. and after 11p. (in E. and N.)
8	29°625	29°544	56°	55°	52°	65°	403	331	89	74	SW 4	WNW 5	10	1	0°70	
9	29°778	29°922	59°	53°	53°	68°	370	348	73	83	NW 3	W 2	5	1	—	D ⁰ p. n. and p. [all day.] D ^a a. and p. hill 10a. and after 11p. (in E. and N.)
10	29°037	29°209	59°	57°	50°	69°	437	441	85	92	NE 1	SW 1	8	8	0°10	
11	29°333	29°305	57°	59°	54°	69°	453	473	96	95	NE 1	NNE 1	10	0	—	D ⁰ p. n. and p. [all day.] D ^a a. and p. hill 10a. and after 11p. (in E. and N.)
12	29°266	29°204	61°	58°	56°	75°	550	465	81	84	NE 2	Calm	0	2	3	
13	29°206	29°165	62°	65°	58°	69°	457	489	80	80	NE 3	NNE 3	5	10	—	D ⁰ p. n. and p. [all day.] D ^a a. and p. hill 10a. and after 11p. (in E. and N.)
14	29°149	29°126	62°	67°	60°	73°	449	548	80	81	NNE 3	NNE 3	9	1	—	
15	29°117	29°100	68°	67°	61°	73°	524	548	76	81	E 2	NNE 1	1	10	—	D ⁰ p. n. and p. [all day.] D ^a a. and p. hill 10a. and after 11p. (in E. and N.)
16	29°087	29°087	61°	62°	61°	68°	522	546	95	96	ENE 2	NE 2	10	3	0°10	
17	29°092	29°054	58°	62°	57°	66°	453	470	93	84	ENE 3	ENE 3	10	10	—	D ⁰ p. n. and p. [all day.] D ^a a. and p. hill 10a. and after 11p. (in E. and N.)
18	29°086	29°079	60°	63°	59°	68°	456	505	88	87	ENE 4	ENE 5	10	3	—	
19	29°108	29°073	59°	60°	58°	66°	443	449	89	85	ENE 5	NE 4	10	2	—	D ⁰ p. n. and p. [all day.] D ^a a. and p. hill 10a. and after 11p. (in E. and N.)
20	29°064	29°051	58°	61°	57°	63°	435	444	88	81	ENE 3	NNE 3	10	10	—	
21	29°068	29°085	62°	62°	58°	66°	485	485	85	87	NE 2	NE 3	10	2	—	D ⁰ p. n. and p. [all day.] D ^a a. and p. hill 10a. and after 11p. (in E. and N.)
22	29°046	29°034	61°	63°	56°	68°	394	418	73	71	NNE 3	ENE 4	8	9	—	
23	29°024	29°012	60°	60°	55°	63°	393	457	81	88	ENE 4	NE 2	10	10	—	D ⁰ p. n. and p. [all day.] D ^a a. and p. hill 10a. and after 11p. (in E. and N.)
24	29°040	29°009	56°	60°	55°	61°	403	477	87	90	NE 3	NE 1	10	10	—	
25	29°979	29°921	58°	61°	58°	62°	475	516	97	96	E 3	NE 2	10	10	0°60	D ⁰ p. n. and p. [all day.] D ^a a. and p. hill 10a. and after 11p. (in E. and N.)
26	29°978	29°978	60°	59°	59°	62°	487	500	92	90	ENE 3	E 1	10	10	—	
27	29°121	29°204	60°	62°	59°	71°	487	483	94	85	E 2	WNW 1	10	0	—	D ⁰ p. n. and p. [all day.] D ^a a. and p. hill 10a. and after 11p. (in E. and N.)
28	29°224	29°152	64°	62°	59°	68°	537	518	88	91	ENE 2	NE 1	10	3	—	
29	29°053	29°966	61°	65°	58°	69°	451	364	82	58	NNE 2	NNE 2	8	8	—	D ⁰ p. n. and p. [all day.] D ^a a. and p. hill 10a. and after 11p. (in E. and N.)
30	29°989	29°966	60°	61°	55°	72°	449	431	86	79	NE 2	NW 2	10	2	—	
31	29°074	29°159	67°	58°	58°	76°	487	422	74	85	NE 1	WNW 3	1	2	—	D ⁰ p. n. and p. [all day.] D ^a a. and p. hill 10a. and after 11p. (in E. and N.)
Means	30°008	30°014	61°	61°	56°	68°	460	456	84°	85°	2°	2°	8°	5°	0°310	

LONDONDERRY.

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

AUGUST 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	55.7	55.7	55.7	55.7	ins.	ins.	91	91	NE 1	E 1	10	6	ins.	
2	29.658	29.702	55.7	55.7	55.7	55.7	357	357	85	91	NW 1	NW 1	5	3	0.050	
3	29.733	29.786	55.7	55.7	55.7	55.7	396	396	77	92	WSW 1	SW 1	10	10	0.040	
4	29.802	29.863	55.7	55.7	55.7	55.7	435	435	88	98	SSW 3	W 1	10	10	0.060	
5	29.863	29.924	55.7	55.7	55.7	55.7	474	474	94	94	SW 3	SSW 1	7	10	0.100	● noon-10p.
6	29.924	29.985	55.7	55.7	55.7	55.7	513	513	90	90	SW 2	WSW 3	10	5	0.060	● 2 from 6p.
7	29.985	30.046	55.7	55.7	55.7	55.7	552	552	84	90	SW 1	SW 1	10	4	0.040	
8	30.046	30.107	55.7	55.7	55.7	55.7	591	591	88	88	WSW 3	W 1	10	9	0.010	
9	30.107	30.168	55.7	55.7	55.7	55.7	630	630	84	79	W 1	WSW 1	6	10	—	Fine till 6p., then overcast.
10	30.168	30.229	55.7	55.7	55.7	55.7	669	669	88	88	SW 3	WSW 1	6	9	—	
11	30.229	30.290	55.7	55.7	55.7	55.7	708	708	86	95	NE 1	Calm	10	3	—	
12	30.290	30.351	55.7	55.7	55.7	55.7	747	747	81	91	NNE 1	Calm	4	1	—	☁ 10p.
13	30.351	30.412	55.7	55.7	55.7	55.7	786	786	84	84	NE 1	Calm	3	0	—	Fine and clear all day.
14	30.412	30.473	55.7	55.7	55.7	55.7	825	825	84	95	SW 1	E 1	1	3	—	Fine and clear. Warm.
15	30.473	30.534	55.7	55.7	55.7	55.7	864	864	84	84	NE 1	Calm	0	6	—	Fine and clear. T in W. 2.45p.—3p.
16	30.534	30.595	55.7	55.7	55.7	55.7	903	903	89	89	NE 1	E 1	3	4	—	Fine and clear all day.
17	30.595	30.656	55.7	55.7	55.7	55.7	942	942	80	95	E 2	NE 1	10	4	—	
18	30.656	30.717	55.7	55.7	55.7	55.7	981	981	89	89	NE 1	E 1	10	10	—	
19	30.717	30.778	55.7	55.7	55.7	55.7	1020	1020	89	89	SE 1	Calm	10	10	—	Dull and cloudy.
20	30.778	30.839	55.7	55.7	55.7	55.7	1059	1059	88	88	W 1	Calm	10	8	—	☁ a.
21	30.839	30.900	55.7	55.7	55.7	55.7	1098	1098	96	96	NNE 2	Calm	2	0	—	Fine and clear all day.
22	30.900	30.961	55.7	55.7	55.7	55.7	1137	1137	88	88	N 1	E 1	10	10	—	☁ p.
23	30.961	31.022	55.7	55.7	55.7	55.7	1176	1176	94	94	NE 1	Calm	7	10	—	
24	31.022	31.083	55.7	55.7	55.7	55.7	1215	1215	87	87	E 1	E 1	10	7	—	
25	31.083	31.144	55.7	55.7	55.7	55.7	1254	1254	79	79	SSE 2	E 1	10	10	0.150	☁ 8 p.
26	31.144	31.205	55.7	55.7	55.7	55.7	1293	1293	81	92	SE 2	Calm	9	1	—	☁ 8 a. 4a.—6a.
27	31.205	31.266	55.7	55.7	55.7	55.7	1332	1332	94	94	Calm	Calm	7	10	—	☁ 8 a. 8 all day.
28	31.266	31.327	55.7	55.7	55.7	55.7	1371	1371	95	95	Calm	Calm	10	0	—	☁ 8 a. Fine and clear day.
29	31.327	31.388	55.7	55.7	55.7	55.7	1410	1410	86	86	SE 1	Calm	4	0	—	☁ (mist). ☁ during night.
30	31.388	31.449	55.7	55.7	55.7	55.7	1449	1449	89	89	SE 1	E 1	4	0	—	
31	31.449	31.510	55.7	55.7	55.7	55.7	1488	1488	73	78	SE 1	S 3	1	10	0.010	
Means	30.037	30.044	55.9	55.9	55.6	55.6	460	449	77.4	89.8	1.4	0.7	7.1	5.9	1.430	

MARKREE CASTLE, SLIGO.

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

AUGUST 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	29.648	29.695	57.6	54.4	48.5	66.1	404	359	84	85	SW 1	N 1	10	10	0.025	
2	29.767	29.814	57.6	54.4	48.5	66.1	406	360	77	86	NW 2	Calm	6	10	0.020	
3	29.845	29.892	57.6	54.4	48.5	66.1	408	362	96	93	Calm	NW 2	10	10	0.010	
4	29.924	29.971	57.6	54.4	48.5	66.1	410	364	92	98	SW 4	S 2	10	10	0.451	
5	29.985	30.032	57.6	54.4	48.5	66.1	412	366	96	96	SW 4	Calm	10	10	0.187	
6	30.046	30.093	57.6	54.4	48.5	66.1	414	368	84	84	NW 3	Calm	7	2	0.312	
7	30.107	30.154	57.6	54.4	48.5	66.1	416	370	88	88	Calm	NW 3	10	10	0.150	
8	30.168	30.215	57.6	54.4	48.5	66.1	418	372	92	92	NNW 4	Calm	8	0	0.028	
9	30.229	30.276	57.6	54.4	48.5	66.1	420	374	89	89	Calm	SW 3	10	10	0.006	
10	30.290	30.337	57.6	54.4	48.5	66.1	422	376	91	81	S 1	Calm	10	6	—	
11	30.351	30.398	57.6	54.4	48.5	66.1	424	378	84	84	Calm	Calm	10	8	—	
12	30.412	30.459	57.6	54.4	48.5	66.1	426	380	84	79	S 1	Calm	10	10	—	
13	30.473	30.520	57.6	54.4	48.5	66.1	428	382	80	89	Calm	Calm	4	0	—	
14	30.534	30.581	57.6	54.4	48.5	66.1	430	384	92	92	Calm	Calm	1	7	0.198	
15	30.595	30.642	57.6	54.4	48.5	66.1	432	386	93	93	SE 1	Calm	9	10	0.017	
16	30.656	30.703	57.6	54.4	48.5	66.1	434	388	88	88	NE 1	Calm	3	5	—	
17	30.717	30.764	57.6	54.4	48.5	66.1	436	390	80	80	NE 3	NE 2	8	10	—	
18	30.778	30.825	57.6	54.4	48.5	66.1	438	392	89	89	ENE 2	Calm	10	10	—	
19	30.839	30.886	57.6	54.4	48.5	66.1	440	394	87	87	SE 1	Calm	10	10	—	
20	30.900	30.947	57.6	54.4	48.5	66.1	442	396	89	89	Calm	Calm	10	10	—	
21	30.961	31.008	57.6	54.4	48.5	66.1	444	398	80	80	NE 1	NE 2	1	2	—	
22	31.022	31.069	57.6	54.4	48.5	66.1	446	400	86	86	NE 2	Calm	8	8	—	
23	31.083	31.130	57.6	54.4	48.5	66.1	448	402	82	82	N 1	Calm	10	10	—	
24	31.144	31.191	57.6	54.4	48.5	66.1	450	404	82	77	NE 1	SE 2	10	10	—	
25	31.205	31.252	57.6	54.4	48.5	66.1	452	406	87	82	SE 2	SSE 3	10	10	—	
26	31.266	31.313	57.6	54.4	48.5	66.1	454	408	91	91	SE 3	SSE 2	10	10	—	
27	31.327	31.374	57.6	54.4	48.5	66.1	456	410	95	90	S 1	Calm	10	7	—	
28	31.388	31.435	57.6	54.4	48.5	66.1	458	412	86	94	Calm	Calm	8	1	—	
29	31.449	31.496	57.6	54.4	48.5	66.1	460	414	81	81	SE 2	Calm	0	5	—	
30	31.510	31.557	57.6	54.4	48.5	66.1	462	416	82	90	SE 2	Calm	5	0	—	
31	31.571	31.618	57.6	54.4	48.5	66.1	464	418	92	85	SSE 1	S 3	6	10	0.020	
Means	30.012	30.019	57.2	54.2	48.2	66.2	408	360	82.8	87.4	1.4	0.8	7.9	7.5	1.425	

DUBLIN.

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

AUGUST 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	54.4	58.3	49.6	65.0	ins.	ins.	91	95	W 1	Calm 0	9	8	ins.	● 2 showers 6p.—7p.
2	29.676	29.746	54.4	58.2	55.1	65.6	383	396	74	81	WNW 3	WNW 3	3	4	—	
3	29.769	29.800	60.2	61.3	54.4	64.5	444	498	86	92	W 2	W 2	10	4	0.10	
4	29.789	29.731	65.2	64.0	59.1	69.5	466	467	76	78	SW 4	SSW 4	9	9	0.054	Very warm.
5	29.679	29.633	62.7	60.9	57.0	68.8	444	453	78	85	WSW 3	SW 2	5	7	0.045	Unsettled appearance p.
6	29.610	29.642	58.0	57.9	57.7	66.7	407	394	84	82	W 3	W 1	9	0	0.233	[rose and wind backed p.
7	29.456	29.558	55.1	52.0	59.2	405	387	93	85	ESE 2	WNW 3	10	6	0.620	● 2 a. and p. Bar. 29.368 11a. Bar.	
8	29.702	29.854	59.0	58.7	51.0	66.6	383	406	77	82	WNW 4	WhyN 2	6	6	0.110	● 2 shower (local) 2p. Beautiful
9	30.021	30.127	58.3	62.8	52.0	65.7	417	458	85	80	W 3	W 3	5	3	—	Fine all day. Warm night. [sunset.
10	29.248	29.306	68.9	64.1	61.4	73.4	589	544	83	91	SW 2	Calm 0	6	8	—	∞ a. & p. Warm.
11	29.316	29.299	63.6	61.9	61.0	68.6	525	516	90	94	NE 1	Calm 0	10	5	—	∞ (mist) a. and op.
12	29.292	29.274	64.5	62.7	58.9	69.3	498	498	82	84	E 2	Calm 0	4	4	—	Brilliantly fine, and very warm.
13	29.262	29.244	64.5	62.0	57.6	68.2	424	500	70	90	ENE 2	Calm 0	0	0	—	Very fine and bright.
14	29.232	29.191	65.3	63.0	59.0	69.7	530	500	85	87	ENE 2	Calm 0	2	4	—	Very fine.
15	29.146	29.147	66.0	62.8	57.9	71.3	557	490	87	85	NE 2	Calm 0	3	5	—	
16	29.158	29.168	62.7	60.9	58.9	65.9	510	471	90	89	ENE 2	NE 1	10	10	—	
17	29.239	29.246	60.7	61.5	59.8	63.6	449	463	85	85	NE 3	NE 1	10	10	—	
18	29.236	29.180	62.0	59.9	58.7	64.8	444	436	77	85	NE 3	NE 2	8	10	—	
19	29.142	29.130	61.2	56.9	57.0	63.8	434	424	81	92	ENE 2	Calm 0	10	0	—	Overcast till 1.30p., then bright.
20	29.146	29.176	57.9	57.2	49.0	65.4	434	431	91	92	Calm 0	E 1	4	2	—	∞ a.
21	29.198	29.174	61.2	60.6	54.0	66.5	462	474	86	89	ENE 1	Calm 0	8	7	—	∞ 9p.
22	29.170	29.174	61.2	58.0	55.4	65.0	446	439	83	91	ENE 3	ENE 1	8	2	—	∞ a. and p.
23	29.157	29.134	61.8	59.3	55.2	65.4	424	423	77	84	ENE 3	ENE 2	8	10	—	∞ a. and p., but sunny 11a.—5p.
24	29.122	29.076	62.0	59.8	53.9	65.5	450	451	81	88	E 3	E 3	8	8	0.10	∞ a. and p. Cirri from SE. p.
* 25	30.034	29.977	61.0	59.0	58.9	62.9	464	461	87	93	ESE 2	SE 1	9	10	0.147	● 9a.—Noon.
26	29.928	29.938	62.0	60.8	58.3	66.8	497	486	90	91	SE 2	Calm 0	8	6	—	∞ (mist) 9a. and p. ∞ p.
27	29.182	29.314	59.9	62.0	54.5	67.7	480	520	94	94	Calm 0	Calm 0	10	10	—	∞ a. and p. Low seed slowly from [NNW. a.
28	29.206	29.244	64.9	62.0	60.0	70.0	543	510	88	92	E 1	ENE 1	0	0	—	∞ a. and p., but sunny and warm
29	29.166	29.065	62.5	59.9	57.6	67.7	483	452	86	88	E 2	E 2	4	2	—	[Cir.-c. from NNE. 7a., from S. 5p. ∞ p.
30	29.030	29.029	61.8	59.0	55.2	66.7	462	446	84	94	E 2	E 1	3	0	—	∞ but very fine. Cir.-c. from NNE
31	29.055	29.060	59.0	62.8	50.5	71.3	461	446	93	78	Calm 0	S 2	2	2	0.070	Very bright day. ∞ 2 late p. [early a.
Means	29.044	29.050	61.5	60.5	56.1	66.8	460	461	84.3	87.6	2.1	1.2	6.5	5.2	1.401	[Brilliant day and very warm

DUNROBIN.

Height above Mean Sea Level, 12 feet. Long. 3° 59' W. Lat. 57° 57' N.
SEPTEMBER 1880.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	65.4	54.3	52.6	74.1	ins.	ins.	84	83	SW	SW	—	—	ins.	
2	29.918	30.200	65.4	54.3	52.6	74.1	ins.	ins.	84	83	SW	SW	—	—	ins.	Mild and fine.
3	30.274	30.069	61.2	57.4	45.7	62.9	400	415	75	88	SW	SW	—	—	ins.	Mild and fine.
4	30.070	30.031	65.2	58.4	57.1	68.5	491	436	80	89	SW	NW	—	—	ins.	Fine.
5	29.974	29.883	64.2	58.6	55.1	69.1	506	442	84	90	E	N	—	—	ins.	☉ a. Fine. Cold winds.
6	734	786	65.2	57.9	55.8	73.3	552	402	89	84	E	SW	—	—	ins.	
7	724	29.680	58.2	56.5	49.1	64.4	404	412	83	90	SW	W	—	—	ins.	
8	29.777	30.009	57.0	51.0	49.8	62.6	369	341	79	91	NW	NW	—	—	ins.	
9	30.097	30.090	57.6	53.0	44.5	62.6	398	366	83	91	W	N	—	—	ins.	Fine.
10	30.038	29.830	57.6	56.3	45.2	59.4	390	379	82	83	E	SE	—	—	ins.	Calm and fine.
11	29.690	432	58.2	58.4	55.1	59.6	427	467	88	96	NE	N	—	—	ins.	510 Cold wind. Dull.
12	450	635	59.4	50.7	49.6	63.9	417	319	83	86	S	NW	—	—	ins.	Fine.
13	580	495	53.5	53.0	45.7	55.3	359	347	88	86	NE	NE	—	—	ins.	300 Clear, cold and windy.
14	458	578	53.7	56.5	46.5	58.4	402	442	97	97	SW	NW	—	—	ins.	140 Fine a. Dull and cold p.
15	614	688	54.3	55.0	41.5	56.9	324	395	77	91	SE	NE	—	—	ins.	Dull and windy.
16	738	888	55.5	53.7	50.6	61.4	397	364	90	88	NE	NE	—	—	ins.	Dull and mild.
17	935	877	54.7	50.7	49.6	59.6	366	340	86	92	NE	NW	—	—	ins.	Fine a. ☉ p.
18	706	511	54.7	54.3	43.9	60.4	371	370	87	88	SW	W	—	—	ins.	Fine.
19	445	475	54.7	43.9	40.9	57.9	341	273	80	95	SW	NW	—	—	ins.	Fine a. Cloudy p.
20	488	588	54.3	45.2	39.6	59.2	320	266	76	89	SW	W	—	—	ins.	Fine, clear and mild.
21	680	650	56.3	49.7	40.7	59.4	374	313	82	88	NW	W	—	—	ins.	Fine a.
22	607	688	57.6	51.7	40.7	61.9	412	357	86	93	SW	SW	—	—	ins.	☉ a. Fine p.
23	29.702	29.988	58.6	50.5	48.6	61.6	442	337	90	92	S	SW	—	—	ins.	Fine.
24	30.037	30.038	53.3	55.3	47.6	55.7	351	335	86	77	W	W	—	—	ins.	370 Fine, clear and mild.
25	29.985	29.954	53.7	54.5	50.6	58.6	402	411	97	97	SE	NW	—	—	ins.	Fine a.
26	907	29.938	59.2	56.3	53.6	62.2	392	430	78	95	S	W	—	—	ins.	☉ a. Fine p.
27	29.982	30.135	55.7	54.5	46.7	64.2	409	411	92	97	NW	N	—	—	ins.	Fine.
28	30.157	144	58.2	55.3	50.8	61.6	439	399	90	91	SE	S	—	—	ins.	Dull a. Clear and mild p.
29	396	456	55.7	51.0	50.6	58.2	387	356	87	95	NE	NW	—	—	ins.	Fine.
30	347	320	57.6	58.9	47.6	66.5	390	400	82	81	E	S	—	—	ins.	Fine.
Means	29.858	29.897	57.6	53.9	48.4	62.0	406	376	84.8	89.8	—	—	—	—	2.480	Dull a. Fine p.

BRAEMAR.

Height above Mean Sea Level, 1,111 feet. Long. 3° 24' W. Lat. 57° 0' N.
SEPTEMBER 1880.

1	29° 952	30° 176	60° 0	52° 8	52° 8	67° 3	* 417	* 318	81	79	S	2	W	0° 5	8	1	'010	
2	30° 247	'122	54° 2	56° 5	43° 5	60° 5	* 284	* 418	68	91	NW	0° 5	SW	0° 5	7	8	—	Dull.
3	30° 060	30° 086	65° 0	59° 9	56° 2	72° 5	* 488	* 439	80	86	SW	2	SW	0° 5	6	4	—	Fine.
4	29° 951	29° 902	61° 0	58° 0	45° 5	73° 8	* 433	* 436	81	90	SW	0° 5	SW	0° 5	0	0	'110	Fine.
5	'756	* 831	64° 3	55° 5	48° 6	69° 5	* 505	* 333	84	76	SW	4	SW	2	8	4	'080	
6	'760	'747	53° 8	52° 7	49° 5	61° 9	* 305	* 319	74	80	SW	4	SW	1	8	8	'030	
7	29° 821	29° 995	53° 5	48° 5	48° 5	58° 5	* 283	* 292	70	87	SW	6	SW	1	4	3	—	Fine.
8	30° 078	30° 083	54° 2	51° 2	40° 5	62° 8	* 297	* 328	71	87	NE	1	NE	1	1	8	—	Fine.
9	29° 983	29° 833	50° 5	52° 3	36° 6	58° 5	* 309	* 331	84	84	E	0° 5	SE	1	7	8	—	Fine.
10	'623	* 492	55° 5	57° 9	51° 9	59° 3	* 389	* 437	88	91	SE	6	SE	4	10	10	'830	☉. Dull all day.
11	'493	* 662	53° 3	45° 4	45° 4	58° 9	* 307	* 283	76	94	SW	3	SW	1	4	4	—	Dull all day.
12	'544	* 537	45° 4	49° 5	40° 1	58° 0	* 276	* 334	91	95	NW	0° 5	SW	0° 5	8	8	'330	Dull all day.
13	'474	'574	49° 9	45° 4	45° 0	58° 2	* 323	* 260	91	87	SW	0° 5	SW	0° 5	7	7	—	Fair a. ☉ p.
14	'619	'631	44° 9	47° 5	37° 2	55° 5	* 272	* 297	92	91	SW	0° 5	NE	0° 5	6	6	'310	☉ all day.
15	'604	* 777	50° 7	49° 5	47° 2	51° 8	* 319	* 329	86	94	NE	4	NE	6	10	10	'350	Fine.
16	* 871	'867	51° 7	48° 0	48° 0	58° 7	* 322	* 322	84	97	E	2	E	0° 5	8	6	—	Fine.
17	'719	'521	49° 3	51° 5	43° 9	57° 9	* 290	* 330	83	87	S	0° 5	SW	1	8	10	'150	Fine.
18	* 480	* 470	40° 9	48° 8	38° 7	53° 2	* 230	* 285	91	82	SW	0° 5	SW	1	3	2	'030	
19	* 468	* 582	45° 3	37° 8	32° 7	51° 3	* 241	* 222	80	98	SW	0° 5	SW	0° 5	4	1	'140	
20	* 692	'700	48° 3	44° 8	33° 1	52° 5	* 232	* 245	69	83	SW	1	SW	2	3	2	'020	
21	'646	'725	50° 5	49° 8	42° 5	55° 3	* 271	* 312	74	87	SW	2	SW	1	3	8	'030	
22	29° 721	29° 960	51° 3	44° 6	44° 1	57° 5	* 324	* 262	85	89	SW	1	NW	0° 5	7	5	'020	
23	30° 053	30° 043	48° 5	49° 3	42° 6	54° 3	* 311	* 336	92	96	NW	0° 5	NW	0° 5	10	10	'230	
24	29° 962	29° 964	55° 9	54° 2	47° 9	59° 3	* 361	* 377	81	90	SW	2	SW	0° 5	8	10	'020	☉ p.
25	* 912	29° 970	53° 8	55° 1	50° 9	65° 5	* 371	* 411	89	94	SW	0° 5	SW	0° 5	7	9	—	Very fine.
26	29° 994	30° 171	58° 1	55° 7	46° 5	61° 2	* 354	* 381	74	86	SW	1	SW	1	7	5	—	Very fine.
27	30° 155	'160	57° 4	55° 8	51° 2	59° 8	* 392	* 375	83	84	S	1	SW	1	6	7	—	Very fine.
28	* 415	* 443	51° 9	51° 8	51° 5	61° 5	* 344	* 351	89	91	NE	2	SW	0° 5	7	6	—	Fine.
29	* 371	* 338	55° 6	51° 8	44° 7	62° 7	* 332	* 326	75	84	SW	2	SW	2	4	0	—	Fine.
30	30° 307	30° 257	52° 3	53° 5	40° 0	59° 8	* 336	* 349	85	85	NW	1	SW	0° 5	4	7	—	Fine.
Means	29° 858	29° 887	52° 9	51° 2	44° 9	59° 9	* 331	* 335	81° 7	88° 2	1° 8	1° 1	6° 1	5° 9	2° 690			

LAUDALE.

Height above Mean Sea Level, 14 feet. Long. 5° 41' W. Lat. 56° 41' N.
SEPTEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.	
1	ins.	ins.	62.1	51.2	60.4	68.0	in.	in.	92	91	SW	3	SW	1	10	6	ins.	
2	29.984	30.176	57.5	60.0	46.3	65.0	380	450	81	87	SE	1	SW	1	6	5	0.030	
3	30.246	30.094	62.2	63.1	57.3	70.6	521	508	94	88	Calm	0	SW	1	10	7	0.050	
4	30.124	30.067	66.9	66.0	57.9	70.5	551	609	84	95	SSE	2	SSE	2	0	4	1.90	(mist) ga.
5	29.942	29.773	66.9	66.0	57.9	70.5	551	609	84	95	SSE	2	SSE	2	0	4	1.90	(mist) p.
6	804	817	60.0	57.0	60.0	67.2	469	411	91	88	SW	3	SW	1	10	10	1.50	(mist) a. and p.
7	792	29.780	57.0	57.2	53.3	62.0	391	403	84	86	WSW	4	WSW	4	8	7	5.30	(mist) p.
8	29.906	30.001	55.4	56.0	52.9	61.4	377	391	86	87	WSW	2	WNW	2	10	3		
9	30.123	30.048	52.0	56.0	44.1	68.6	358	353	92	78	Calm	0	Calm	0	0	0		
10	29.942	29.709	56.2	61.0	49.0	61.0	360	445	79	83	ESE	3	WNW	3	2	3	0.070	
11	459	441	61.0	56.0	56.2	66.4	439	425	82	94	SW	4	SSW	1	10	10	1.350	(mist) ga.
12	474	625	57.0	51.2	53.2	61.0	405	345	87	92	S	2	Calm	0	7	3	0.010	(mist) a.
13	524	460	54.8	55.0	47.7	60.4	356	403	83	93	SW	1	SSW	1	10	6	1.00	
14	504	536	53.8	53.8	48.2	58.2	337	351	81	85	WSW	3	S	1	10	10	1.00	
15	582	609	53.2	52.4	46.3	58.6	344	330	85	84	S	1	SSE	1	10	10	0.010	
16	603	864	55.6	46.2	50.1	63.7	359	303	81	98	WNW	3	SSE	1	10	7	0.010	
17	911	884	56.5	52.0	43.9	62.4	379	335	83	86	SW	1	SW	1	7	6	0.010	
18	780	467	50.5	49.2	42.5	63.1	273	285	75	82	Calm	0	Calm	0	10	5	2.10	7.15 a., very white on concave side; dark purple on convex side, and very wide over all.
19	450	514	48.0	49.0	44.5	60.0	255	280	77	80	Calm	0	SSW	1	6	4	4.90	(mist) ga.
20	518	533	48.2	44.0	42.7	56.2	285	265	86	92	SSW	1	SSW	1	3	5	2.00	11 a.
21	744	734	47.2	49.8	39.0	56.0	303	262	91	74	Calm	0	WNW	2	4	4	5.30	
22	721	768	54.4	54.6	46.9	58.2	340	346	80	81	SW	3	SW	4	4	10	1.80	
23	742	7975	53.8	50.2	50.3	60.2	337	335	81	93	SW	3	SW	1	10	3	1.70	(mist) a.
24	063	30.003	52.0	54.0	48.2	54.2	369	371	95	89	SSW	1	SSW	1	10	10	4.50	(mist) a. and p.
25	980	29.964	57.0	56.2	51.7	60.6	417	419	89	93	Calm	0	SSW	1	10	10	1.10	(mist) all day.
26	932	29.956	59.8	53.0	54.6	65.0	429	374	84	93	Calm	0	Calm	0	10	0		(mist) ga.
27	014	30.122	60.0	60.4	50.9	61.2	412	453	80	87	SSW	4	SSW	1	10	10	0.010	(mist) a.
28	172	201	59.2	56.0	57.5	64.8	408	386	82	86	S	5	S	5	10	10	0.070	(mist) a. and p.
29	430	460	54.8	52.4	50.4	62.3	378	335	88	85	Calm	0	Calm	0	3	6		(mist) a.
30	415	396	60.0	58.4	50.0	60.8	398	383	77	78	SW	1	SW	1	10	10		
31	350	30.277	56.4	54.2	55.0	61.2	437	385	96	92	Calm	0	Calm	0	10	10		
Means	29.858	29.875	56.1	54.5	50.4	62.2	386	376	84.9	87.3	1.7		1.3	7.7	6.5	5.030		

GLENALMOND.

Height above Mean Sea Level, 529 feet. Long. 3° 40' W. Lat. 56° 27' N.

SEPTEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.	
1	ins.	ins.	61.5	56.0	54.0	67.5	in.	in.	%	%	S	4	W	5	6	2	ins.	Squally day.
2	30.015	30.116	57.0	57.0	43.0	65.0	.486	.317	89	70	SE	1	SW	1	4	8	—	Fine ga. Mild op.
3	.290	.178	56.5	55.0	55.0	72.0	.358	.405	78	87	S	2	SW	1	4	3	.035	Very clear, fine day.
4	.133	30.114	62.5	58.2	45.0	70.0	.513	.403	91	93	SE	1	SW	1	1	0	—	Clear, fine day.
5	30.035	29.884	58.5	55.0	53.0	76.5	.414	.479	85	99	S	3	SW	1	7	10	.265	☀ 3a.—4a. ● in afternoon.
6	29.822	.932	62.2	53.0	50.1	65.0	.553	.403	99	93	SW	4	SW	6	5	7	.045	Squally day.
7	.809	29.797	58.0	46.0	44.0	63.0	.367	.347	76	86	SW	4	W	1	4	0	—	Squally a. Fine p.
8	29.897	30.013	57.0	51.0	42.0	62.0	.339	.287	73	93	SE	2	E	1	0	5	—	Fine a. Mild.
9	30.095	30.106	58.0	51.0	42.0	62.0	.318	.323	66	86	E	1	E	2	10	5	.035	☀ showers all day.
10	30.032	29.832	51.0	53.0	46.0	59.0	.361	.374	97	93	SE	3	SE	1	8	10	.060	Fine all day.
11	29.595	.522	55.5	58.2	49.0	59.0	.299	.482	68	99	WSW	2	W	3	3	3	.052	—
12	.523	.624	58.7	48.0	48.0	66.0	.426	.309	87	93	SE	1	SW	1	1	5	—	Fine day.
13	.506	.514	54.0	50.0	45.0	59.0	.334	.334	80	93	S	2	NW	3	3	2	.018	—
14	.499	.641	54.0	46.0	45.0	58.5	.347	.265	83	86	E	1	NE	4	7	10	—	Stormy evening.
15	.623	.642	48.0	50.0	37.0	53.0	.309	.309	93	86	ENE	5	N	6	8	7	.430	Squally a. ● 9p.
16	.528	.751	51.5	52.0	48.0	52.0	.322	.340	84	87	NW	4	E	1	6	10	.125	Fine ga. ● 9p.
17	.802	.837	57.0	54.2	52.0	62.0	.351	.355	75	84	SW	2	Calm	0	4	10	.040	Fine ga.
18	.729	.640	52.0	52.2	42.0	56.0	.335	.391	86	100	SW	1	SW	2	4	3	.210	Fine day.
19	.440	.524	52.0	42.0	38.0	56.0	.310	.245	80	92	SW	2	SW	3	3	2	.020	Fine day.
20	.806	.520	48.0	46.0	37.0	56.0	.263	.244	79	79	SW	3	SW	4	2	10	—	Fine a. Dull p.
21	.760	.733	50.0	47.0	36.0	57.0	.265	.257	74	80	SW	4	SW	4	2	10	.019	Fine a. ☉ 9p.
22	.752	.736	54.0	51.2	39.0	57.0	.347	.320	83	85	SW	4	SW	1	10	10	.010	☉. Mild.
23	29.754	29.958	54.8	49.8	39.0	59.4	.349	.300	81	84	Calm	0	SW	1	10	10	.010	—
24	30.074	30.068	50.6	49.9	43.6	53.4	.341	.357	93	99	Calm	0	Calm	0	10	10	.159	—
25	30.004	29.989	53.5	54.2	47.2	60.1	.396	.400	97	96	Calm	0	Calm	0	10	10	.011	—
26	29.950	29.997	55.0	55.5	51.3	60.8	.403	.426	93	97	Calm	0	W	1	10	3	—	—
27	30.043	30.167	59.5	53.1	50.9	61.6	.430	.390	85	96	SSW	3	Calm	0	5	1	—	—
28	.227	.229	59.7	55.9	48.3	65.4	.402	.395	79	89	SSW	2	SSW	3	3	9	—	Fine day.
29	.403	.490	59.1	49.0	48.9	64.8	.387	.348	78	100	N	2	Calm	0	3	6	—	Fine morning. ☉.
30	.409	.391	58.3	50.4	41.2	64.1	.389	.335	80	91	Calm	0	WNW	3	3	1	—	Fine day. Very mild.
30	30.308	30.319	54.5	54.5	42.5	65.2	.382	.382	90	90	SSW	1	SSW	1	7	7	—	Fine day.
Means	29.885	29.900	55.5	51.8	45.4	61.5	.370	.351	83.4	90.2	2.0	2.0	2.0	5.1	6.0	1.534		

ROTHESAY.

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

SEPTEMBER 1880.

Day.	Barometer at 32° and M. S. L.	Air Temperature.	Tension of Vapour.	Relative Humidity.	Wind, Direction and Force.	Cloud Amount.	Rain.	Remarks.
9 a.m. 9 p.m.	9 a.m. 9 p.m. Min. Max.	9 a.m. 9 p.m.	9 a.m. 9 p.m.	9 a.m. 9 p.m.	9 a.m. 9 p.m.	9 a.m. 9 p.m.	9 a.m.	
1	30.039 30.245	61.9 52.5 51.1 68.0	.486 .368	88 94	SSW NW	—	—	Breezy.
2	.295 .179	60.4 61.1 45.1 66.6	.418 .532	80 98	SW SW	—	—	Dull and damp.
3	30.171 30.122	66.4 56.0 55.1 74.6	.488 .437	76 97	Calm	—	—	Fine.
4	29.986 29.851	63.9 62.4 54.6 76.6	.490 .528	83 94	ENE Calm	—	—	Fine and warm.
5	.863 .902	62.9 57.9 56.6 68.0	.521 .452	91 94	SW SW	—	—	Dull and damp.
6	.887 29.877	60.9 55.2 54.1 65.1	.362 .379	68 87	SW W	—	—	Blow.
7	29.957 30.070	56.0 51.5 49.1 60.1	.386 .347	86 91	W Calm	—	—	Blow.
8	30.138 30.078	60.1 54.0 42.1 67.5	.384 .315	74 75	E	—	—	☀ to NE.
9	29.970 29.763	58.9 59.9 47.6 67.0	.358 .386	73 75	SE SE	—	—	Fine.
10	.556 .485	58.4 57.9 54.1 60.6	.476 .480	97 100	SE SW	—	—	☀ all day.
11	.559 .672	57.9 52.0 50.1 65.1	.397 .366	83 94	SSW NW	—	—	Fine.
12	.557 .515	56.9 52.2 47.1 61.6	.389 .391	84 100	NE Calm	—	—	☀ Noon-4p. W. to E.
13	.553 .628	56.5 49.3 46.1 60.6	.363 .323	79 92	W W	—	—	Breezy and fine.
14	.576 .565	51.5 53.0 45.6 56.0	.347 .327	91 81	NE NE	—	—	Dull with ☀.
15	.621 .787	55.0 56.0 50.1 56.0	.335 .310	77 69	NNW NE	—	—	Dull with ☀.
16	.900 .914	61.7 51.3 48.6 70.0	.378 .332	70 88	NW NW	—	—	Fine.
17	.790 .575	56.9 53.3 43.1 64.1	.381 .405	83 99	SW W	—	—	Clear a. ☀ p.
18	.510 .557	49.0 45.1 44.6 58.0	.303 .279	87 93	NW Calm	—	—	Clear a. ☀ showers. ☀ in SW. 9p.
19	.556 .572	47.0 46.6 43.6 56.0	.316 .308	98 97	NW Calm	—	—	Clear a. ☀ showers.
20	.786 .801	49.2 49.0 40.1 59.6	.324 .303	93 87	NW Calm	—	—	Clear a. ☀ showers.
21	.770 29.818	55.0 52.0 47.6 60.3	.354 .388	82 100	W SW	—	—	Clear a. ☀ showers.
22	29.817 30.006	54.2 48.0 47.1 61.1	.406 .314	97 94	SW Calm	—	—	Clear a. ☀ showers.
23	30.094 .064	53.0 56.0 47.1 56.0	.394 .449	98 100	Calm W	—	—	Dull and damp.
24	30.030 .001	57.2 56.0 53.1 62.6	.462 .422	99 94	SW SW	—	—	Cloudy and mild.
25	29.960 .016	57.9 55.0 54.1 62.7	.468 .421	98 97	Calm Calm	—	—	Cloudy and mild.
26	30.081 .188	57.9 56.5 50.1 62.1	.468 .445	98 98	SSW SW	—	—	Fine.
27	.227 .296	57.9 55.0 54.1 61.6	.440 .381	92 88	SSE SW	—	—	Breezy.
28	.466 .493	56.9 48.0 47.1 65.1	.381 .335	83 100	WNW Calm	—	—	Fine.
29	.469 .435	54.0 55.0 46.6 59.0	.394 .421	94 97	Calm NW	—	—	Dull and mild.
30	30.381 30.321	56.9 54.0 50.6 63.7	.439 .380	95 91	SE W	—	—	Fine.
Means	29.919 29.927	57.1 53.7 48.9 63.2	.404 .384	86.6 92.1	—	—	—	3.404

PINMORE.

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

SEPTEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m. 9 p.m.		9 a.m. 9 p.m. Min. Max.				9 a.m. 9 p.m.		9 a.m. 9 p.m.		9 a.m. 9 p.m.		9 a.m. 9 p.m.			
	ins.	ins.	°	°	°	°	in.	in.	%	%	S	NW	—	—	ins.	
1	30.066	30.216	61.6	57.0	53.0	65.0	.481	.394	88	85	S	NW	—	—	.020	
2	.287	.186	58.5	61.6	59.4	68.1	.417	.513	85	94	NW	S	—	—	.080	
3	30.181	30.119	64.0	58.0	56.0	68.0	.529	.439	89	91	S	S	—	—	—	
4	29.975	29.867	68.4	60.0	51.0	75.9	.515	.472	74	92	SW	SW	—	—	.150	
5	.887	.936	62.1	57.5	57.5	70.9	.480	.416	86	88	NW	SW	—	—	.070	
6	.955	29.911	61.1	55.4	50.1	66.0	.385	.355	72	80	SW	NW	—	—	—	
7	29.978	30.081	58.0	51.8	51.8	64.1	.410	.281	85	73	NW	N	—	—	—	
8	30.110	30.062	61.1	57.0	36.5	66.0	.398	.383	75	82	NE	SE	—	—	—	
9	29.961	29.747	59.0	60.0	48.2	68.0	.344	.406	69	78	SE	S	—	—	.210	
10	.571	.530	59.5	59.0	55.0	62.1	.480	.461	95	93	S	S	—	—	.500	
11	.583	.648	61.6	51.8	50.6	65.0	.366	.328	67	85	SW	NW	—	—	—	
12	.566	.520	59.0	53.9	49.6	66.5	.396	.378	80	91	S	NW	—	—	.050	
13	.571	.640	55.9	47.8	49.1	66.0	.332	.366	74	95	N	N	—	—	.030	
14	.561	.473	53.9	51.3	40.4	56.6	.351	.342	85	90	N	N	—	—	.280	
15	.560	.726	51.8	51.8	49.1	52.1	.328	.328	85	85	NE	NE	—	—	.490	
16	.860	.910	59.0	52.8	49.1	66.0	.396	.340	80	85	NE	NE	—	—	—	
17	.824	.593	51.3	54.9	37.4	63.1	.360	.408	95	95	S	SW	—	—	.590	
18	.493	.607	48.9	52.8	41.4	57.1	.240	.394	78	98	W	NW	—	—	.240	
19	.559	.604	51.3	46.9	41.4	55.1	.275	.317	74	99	N	NW	—	—	.320	
20	.770	.816	55.9	47.9	39.4	58.1	.320	.313	72	95	N	NW	—	—	.360	
21	.792	.822	52.8	51.8	45.3	58.1	.394	.380	98	98	NW	NW	—	—	.460	
22	29.829	29.998	53.7	50.8	50.1	58.6	.381	.367	92	98	NW	NW	—	—	.050	
23	30.062	30.060	53.7	51.8	48.2	60.1	.396	.380	96	98	SW	SW	—	—	.100	
24	30.031	.003	58.8	55.9	51.8	64.1	.442	.409	90	92	SW	SW	—	—	.070	
25	29.951	.016	59.0	59.0	55.0	64.1	.455	.455	92	92	S	SW	—	—	—	
26	30.070	.178	59.0	57.0	55.0	65.0	.455	.422	92	91	S	S	—	—	—	
27	.210	.289	59.3	57.0	54.5	61.1	.426	.422	85	91	SW	SW	—	—	—	
28	.455	.481	57.8	47.9	43.4	66.5	.398	.365	83	95	W	NW	—	—	—	
29	.465	.390	53.9	53.9	36.5	57.1	.351	.390	85	94	SW	W	—	—	—	
30	30.365	30.331	55.5	56.4	50.1	63.1	.415	.431	94	95	N	N	—	—	—	
Means	29.918	29.925	57.4	54.5	47.9	63.3	.397	.387	83.8	90.6	—	—	—	—	4.070	

DURHAM.

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

SEPTEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	10 a.m.	10 p.m.	10 a.m.	10 p.m.	Min.	Max.	10 a.m.	10 p.m.	10 a.m.	10 p.m.	10 a.m.	10 p.m.	10 a.m.	10 p.m.	10 a.m.	
1	ins.	ins.	63.7	61.8	51.5	69.8	in.	in.	75	95	SW 0.8	Calm 0	10	10	ins.	
2	30.124	30.220	63.7	61.8	51.5	69.8	4.38	5.23	75	95	SW 0.8	Calm 0	10	10	0.13	
3	30.185	30.110	70.9	60.3	60.2	80.5	5.73	5.13	76	98	SSW 2.2	W 0.2	4	0	—	
4	29.999	29.865	69.6	66.7	54.5	79.4	5.99	5.83	83	89	SSW 0.7	S 0.8	0	0	—	rop. a. in the evening.
5	29.888	29.966	70.6	54.6	53.6	74.4	5.32	3.89	71	91	WSW 1.7	Calm 0	2	0	1.08	
6	29.978	29.940	60.3	53.8	50.6	65.4	3.82	3.83	73	92	SW 4	SW 1.4	6	0	—	
7	29.936	30.069	64.2	52.4	49.2	69.1	4.47	3.46	74	88	WNW 1	WNW 0.8	3	3	—	
8	30.102	30.074	59.1	58.3	42.4	63.1	3.53	4.68	71	96	NE 0.9	N 0.2	6	0	—	a. and p.
9	29.973	29.855	59.9	52.9	39.3	65.0	3.94	3.79	77	95	E 1	SE 1.2	4	0	—	p. a. p. rop.
10	29.900	29.966	62.3	62.3	50.0	72.0	4.43	5.38	80	96	S 1.3	SSE 1.4	9	10	1.60	a.
11	29.935	29.946	59.4	54.7	51.4	65.3	4.19	3.88	84	91	SSW 1.1	W 0.8	9	10	1.40	
12	29.934	29.944	54.8	50.2	51.3	66.0	3.99	4.37	92	97	WNW 0.3	S 1.4	9	10	1.62	
13	29.912	29.912	55.8	46.3	42.6	63.4	3.89	2.88	87	92	WNW 1.3	WSW 0.7	10	10	—	
14	29.919	29.940	54.6	53.9	43.6	63.2	3.45	3.93	81	95	SSE 0.8	NE 2.4	10	10	1.190	
15	29.912	29.912	56.9	55.9	50.5	58.9	4.21	4.32	91	97	NE 1.4	NE 4.4	10	10	1.910	rop. in squalls a.
16	29.912	29.912	56.9	55.9	50.5	58.9	4.21	4.32	91	97	NE 1.4	NE 4.4	10	10	1.910	
17	29.912	29.912	56.9	55.9	50.5	58.9	4.21	4.32	91	97	NE 1.4	NE 4.4	10	10	1.910	
18	29.912	29.912	56.9	55.9	50.5	58.9	4.21	4.32	91	97	NE 1.4	NE 4.4	10	10	1.910	
19	29.912	29.912	56.9	55.9	50.5	58.9	4.21	4.32	91	97	NE 1.4	NE 4.4	10	10	1.910	
20	29.912	29.912	56.9	55.9	50.5	58.9	4.21	4.32	91	97	NE 1.4	NE 4.4	10	10	1.910	
21	29.912	29.912	56.9	55.9	50.5	58.9	4.21	4.32	91	97	NE 1.4	NE 4.4	10	10	1.910	
22	29.912	29.912	56.9	55.9	50.5	58.9	4.21	4.32	91	97	NE 1.4	NE 4.4	10	10	1.910	
23	29.912	29.912	56.9	55.9	50.5	58.9	4.21	4.32	91	97	NE 1.4	NE 4.4	10	10	1.910	
24	29.912	29.912	56.9	55.9	50.5	58.9	4.21	4.32	91	97	NE 1.4	NE 4.4	10	10	1.910	
25	29.912	29.912	56.9	55.9	50.5	58.9	4.21	4.32	91	97	NE 1.4	NE 4.4	10	10	1.910	
26	29.912	29.912	56.9	55.9	50.5	58.9	4.21	4.32	91	97	NE 1.4	NE 4.4	10	10	1.910	
27	29.912	29.912	56.9	55.9	50.5	58.9	4.21	4.32	91	97	NE 1.4	NE 4.4	10	10	1.910	
28	29.912	29.912	56.9	55.9	50.5	58.9	4.21	4.32	91	97	NE 1.4	NE 4.4	10	10	1.910	
29	29.912	29.912	56.9	55.9	50.5	58.9	4.21	4.32	91	97	NE 1.4	NE 4.4	10	10	1.910	
30	29.912	29.912	56.9	55.9	50.5	58.9	4.21	4.32	91	97	NE 1.4	NE 4.4	10	10	1.910	
Means	29.911	29.920	59.9	53.6	47.9	66.0	4.14	3.93	79.9	94.0	1.0	0.9	5.7	5.1	5.068	

DOUGLAS, ISLE OF MAN.

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

SEPTEMBER 1880.




Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	30.117	30.218	61.0	59.0	51.8	62.5	4.87	4.84	91	97	SW 3	WNW 1	10	10	0.05	
2	30.235	30.235	62.8	59.1	50.3	63.0	3.89	4.98	68	99	E 2	Calm 0	8	10	0.37	
3	30.221	30.076	59.5	56.5	56.3	62.7	5.02	4.51	99	98	SW 3	Calm 0	10	3	—	
4	29.965	29.846	66.4	64.0	52.0	73.7	5.34	5.36	83	90	E 2	Calm 0	5	4	0.55	
5	29.916	29.975	62.3	58.0	56.3	64.0	5.34	4.42	95	91	SW 2	WSW 3	10	4	1.60	
6	30.007	29.954	61.0	56.2	53.2	64.4	3.83	3.57	72	79	WSW 5	WSW 3	4	1	0.20	
7	30.018	30.062	59.5	53.0	48.9	63.4	3.67	3.40	72	84	WNW 3	Calm 0	7	1	—	
8	30.093	30.011	61.7	57.9	41.7	62.6	3.50	3.68	63	76	NE 2	E 5	3	9	—	
9	29.927	29.722	57.7	61.0	55.0	63.4	3.97	4.19	83	79	ESE 6	ESE 6	9	10	0.50	
10	29.991	29.914	60.7	59.2	58.2	63.2	4.91	4.97	93	79	SE 6	SW 2	9	10	1.405	
11	29.921	29.966	58.5	53.4	53.1	62.7	3.81	3.68	77	90	SW 3	Calm 0	6	3	0.07	
12	29.945	29.924	62.4	53.5	51.9	63.8	4.37	3.93	78	95	SW 3	Calm 0	6	8	0.015	
13	29.909	29.929	56.0	50.0	50.0	61.1	3.17	3.48	70	97	NW 3	Calm 0	2	7	1.160	
14	29.937	29.933	52.8	53.9	45.1	57.2	3.69	3.93	92	95	E 7	N 5	10	10	1.285	
15	29.970	29.940	50.6	55.0	50.2	60.1	3.43	3.70	93	86	NNW 9	N 7	10	9	1.068	
16	29.818	29.883	58.7	53.1	53.1	64.0	3.84	3.68	77	91	NNW 5	NNW 4	7	3	—	
17	29.857	29.827	55.4	57.2	45.2	60.7	3.55	4.47	81	96	W 3	SW 7	8	10	1.337	
18	29.847	29.830	53.1	49.3	45.8	56.7	3.21	2.91	79	83	W 3	W 4	3	4	0.015	
19	29.818	29.864	52.7	50.3	45.5	56.5	2.98	3.01	75	83	W 4-5	W 6-7	6	3	0.010	
20	29.827	29.826	54.5	52.0	48.0	58.8	3.13	3.48	74	90	W 3	W 2	3	5	0.030	
21	29.856	29.868	54.5	55.1	48.8	60.0	3.42	3.42	80	99	W 3	W 1	7	10	1.491	
22	29.825	29.803	55.9	48.0	48.0	59.8	4.23	3.27	95	98	WNW 3	Calm 0	9	2	0.025	
23	29.807	29.802	57.7	58.0	45.6	64.2	4.77	4.36	100	90	S 2	WSW 1	10	9	0.005	
24	29.853	29.853	56.0	55.0	61.6	64.4	4.43	4.43	84	99	SSW 3	W 3	10	10	1.170	
25	29.997	29.952	57.7	58.0	55.2	62.1	4.71	4.82	99	100	WSW 3	SSW 2	10	10	—	
26	30.118	30.118	61.7	57.5	56.1	62.5	4.70	4.61	86	97	S 2	Calm 0	7	10	—	
27	29.862	29.815	58.7	55.0	51.8	62.7	4.52	4.09	92	94	S 2	Calm 0	10	6	—	
28	29.869	29.849	61.8	48.0	48.0	64.8	4.24	3.25	77	97	Calm 0	Calm 0	2	0	—	
29	29.885	29.848	55.3	55.2	43.4	58.3	4.05	3.98	92	91	Calm 0	Calm 0	10	10	—	
30	29.889	29.833	56.7	47.2	45.2	59.6	3.81	3.18	83	98	Calm 0	Calm 0	10	10	—	
Means	29.935	29.929	58.2	55.0	50.3	61.9	4.07	4.02	83.4	92.0	3.2	2.1	7.4	6.7	4.410	

Observer remarks: Harvest virtually all in by the end of the month.

WAKEFIELD.

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

SEPTEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	65.2	49.1	70.8	in.	in.	74	80	NNW 2	SW 2	6	1	ins.	Fine.
2	30.176	30.244	65.5	65.2	49.1	70.8	.462	.535	74	80	NNW 2	SW 2	6	1	—	
3	.304	.261	68.4	67.4	57.1	73.6	.550	.607	80	91	W 2	SSW 1	4	7	—	
3	.250	30.145	69.0	63.2	57.2	81.8	.545	.498	77	86	SW 1	N 1	0	1	—	Fine all day.
4	30.053	29.914	62.2	66.0	54.4	82.8	.520	.592	94	93	NE 1	NE 3	0	0	.010	∞ 6a.—8.30a. Fine day.
5	29.964	30.005	69.2	59.2	58.8	77.8	.511	.449	71	90	W 3	W 2	6	3	.020	
6	30.057	29.983	63.2	58.1	51.5	68.1	.400	.370	69	77	WSW 2	W 2	1	0	—	— ⁰ a. Fine day.
7	.006	30.086	60.9	51.2	49.9	67.0	.333	.62	92	W 3	W 3	W 2	2	0	—	Fine all day.
8	30.115	30.067	56.7	55.2	44.5	65.6	.339	.371	74	85	ENE 1	E 2	8	2	—	
9	29.970	29.852	59.9	58.2	47.6	67.9	.418	.421	81	87	ENE 2	ENE 2	8	1	—	Fine all day.
10	.741	.625	61.8	64.2	56.5	73.4	.457	.498	83	83	SE 2	ESE 1	7	10	.270	● ² 8p.—9p.
11	.672	.666	59.1	56.9	51.1	65.4	.433	.433	86	93	S 1	SSE 1	10	10	.650	● ² 9p.
12	.583	.579	58.2	57.8	50.7	68.8	.325	.433	67	90	SW 2	S 2	6	10	.780	
13	.577	.741	55.0	51.8	51.5	61.8	.307	.388	80	80	SW 2	SSW 3	10	2	—	
14	.607	.333	53.2	53.6	45.1	57.8	.335	.397	83	97	E 3	ESE 2	10	10	.980	☼ 5.15p.
15	.282	.419	58.0	57.3	48.5	59.2	.382	.425	79	90	N 2	N 4	5	8	.840	
16	.651	.800	58.1	57.3	56.2	61.6	.447	.428	92	90	N 2	N 2	10	10	.390	Rough and wild in past n.
17	.825	.791	58.2	54.2	51.7	62.6	.362	.340	75	80	W 2	W 2	2	3	.080	Fine all day.
18	.570	.666	55.0	48.2	43.1	58.0	.358	.284	83	85	SW 1	W 1	10	7	.480	Dull and gloomy all day.
19	.597	.674	47.0	45.8	45.7	56.4	.279	.272	87	88	WSW 2	W 2	10	6	.100	
20	.781	.852	53.2	50.6	43.1	59.2	.259	.327	64	89	NW 2	W 2	0	4	.030	
21	.844	.953	56.0	54.2	45.1	62.4	.371	.334	83	79	WSW 1	W 1	10	7	.090	
22	29.770	29.993	61.7	55.7	51.3	64.1	.459	.421	84	94	WSW 3	WNW 2	10	9	.070	Gloomy all day.
23	30.132	30.113	57.2	59.2	49.5	62.8	.401	.425	85	85	W 1	NW 1	8	10	.010	Dull and gloomy all day.
24	.082	.079	60.0	57.2	53.2	62.8	.436	.401	84	85	WSW 1	W 1	9	10	—	Very gloomy all day.
25	.048	.092	59.8	59.2	54.6	63.8	.374	.449	73	90	WSW 1	N 1	10	10	—	
26	.120	.219	59.2	51.2	51.0	64.5	.473	.366	95	98	SW 1	WNW 1	10	10	—	Ground  p.
27	.309	.365	51.3	55.8	43.3	70.8	.367	.416	97	93	WSW 1	WSW 2	0	0	—	∞ 6a.—9a. Fine day.
28	.458	.496	60.4	58.1	47.2	67.6	.441	.480	85	83	W 2	WNW, 1	1	10	—	∞ a.
29	.513	.417	51.0	54.2	47.1	65.8	.369	.384	99	91	W 1	W 1	10	10	—	Ground  6p.
30	30.392	30.337	56.0	48.2	46.7	61.6	.362	.333	80	99	W 2	W 2	10	10	—	Ground  6.30p.
Means	29.948	29.959	58.8	56.5	50.1	66.2	.405	.409	81.1	88.3	1.7	1.8	6.4	5.8	4.800	

LLANDUDNO.

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

SEPTEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	64.9	64.7	57.8	67.0	ins.	ins.	78	90	SW 1	SW 2	10	10	ins.	Squally p.
2	30.151	30.245	64.9	63.8	60.4	68.0	537	520	93	88	N 0.6	W 1	10	0	—	
3	30.231	30.116	66.4	62.5	60.4	70.7	541	528	84	93	W 0.6	N 0.6	0	0	—	Very fine.
4	29.984	29.892	69.5	70.1	58.4	81.8	541	558	75	75	SW 1	S 0.6	0	0	—	Very fine a. Distant K 5.50p.
5	29.954	30.036	68.4	60.7	57.7	70.1	520	434	75	83	SW 2	W 3	9	0	0.040	Squally before ga.
6	30.067	30.012	62.7	59.8	56.7	66.7	400	415	71	81	W 3	W 2	0	0	—	Very fine.
7	30.052	30.096	59.8	55.6	54.6	64.0	393	345	76	78	WNW 1	W 0.6	2	0	—	Very fine, with ∞
8	30.082	30.018	59.2	57.4	53.0	62.2	374	346	75	73	N 1	E 2	8	0	—	Very fine, with ∞
9	29.901	29.732	60.2	61.0	51.5	66.2	421	400	81	73	SE 2	SE 3	9	10	0.020	
10	62.4	57.0	64.0	60.3	59.7	65.0	516	480	87	92	SW 1	SW 2	10	10	0.306	
11	65.0	67.7	61.0	55.1	54.9	63.6	439	374	82	86	SW 2	W 1	7	0	—	
12	58.0	56.1	60.9	56.0	50.6	64.0	418	419	79	93	SW 1	SW 0.6	0	10	0.140	
13	64.7	70.1	56.0	52.7	52.7	61.7	335	329	75	83	NW 2	W 1	5	0	0.060	Squally p. U
14	41.1	29.5	53.8	56.0	51.8	61.0	358	389	86	87	SE 3	W 2	10	10	0.205	Squally ga.
15	40.7	36.1	53.0	57.6	52.3	59.7	364	400	90	84	E 8	NE 8	10	10	0.209	Very stormy. Squalls all day.
16	72.7	88.2	59.0	59.0	56.4	61.0	416	421	84	85	NE 8	N 3	8	10	—	Fine, but windy. Squalls.
17	89.3	70.1	58.0	58.8	53.3	62.9	384	410	80	85	W 1	NW 4	5	10	0.260	Very fine.
18	58.3	67.2	52.5	52.0	51.0	59.0	342	309	87	80	W 2	WNW 3	10	4	0.070	K ga.
19	63.8	71.1	53.2	52.0	47.0	56.9	293	330	72	85	W 2	WNW 3	5	6	0.070	
20	87.4	88.3	55.4	55.0	50.0	60.0	321	349	73	81	WNW 2	W 1	9	10	0.040	
21	88.2	29.921	55.7	54.6	52.3	58.8	385	365	87	85	SW 2	W 1	9	10	0.200	Fine.
22	29.862	30.038	58.0	56.2	54.0	60.0	405	439	97	98	W 2	N 0.6	10	10	0.400	Squally before ga. ☼
23	30.116	30.123	59.1	58.0	55.1	60.7	479	464	95	96	N 0.6	W 0.6	10	10	0.010	☼ a.
24	09.4	05.1	56.7	57.0	55.4	59.7	424	377	92	81	W 1	W 1	10	10	0.010	Squally 9p.
25	03.8	07.8	58.5	56.0	55.4	62.5	449	419	92	93	W 1	W 1	10	0	—	
26	13.5	22.2	60.2	55.0	54.8	63.0	449	375	87	87	W 0.6	W 0.6	10	0	—	Very fine.
27	27.3	36.9	60.6	57.0	55.0	64.7	446	422	84	91	SW 0.6	W 1	0	0	—	Very fine.
28	48.4	50.0	56.2	54.3	52.3	63.0	416	389	92	92	W 0.6	WNW 0.6	10	0	—	Very fine. D ² at night.
29	48.0	44.5	58.0	57.6	49.6	60.2	430	444	89	93	WNW 0.6	NE 0.6	0	10	—	Constant sea ☼ D ² at night.
30	30.400	30.339	56.8	56.0	53.9	58.0	403	407	87	91	N 0.6	N 0.6	10	10	—	☼ a. D ² at night.
Means	29.951	29.957	59.4	57.8	54.3	63.4	424	414	83.5	86.0	1.8	1.7	6.9	5.3	2.160	

BUXTON.

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

SEPTEMBER 1880.

Day.	30.215	30.308	61.5	61.5	50.0	67.1	403	511	75	94	W 2	WSW 2	9	10	—	
1	30.215	30.308	61.5	61.5	50.0	67.1	403	511	75	94	W 2	WSW 2	9	10	—	
2	33.1	31.9	64.7	63.8	60.4	69.5	543	556	89	94	SW 1	SW 1	10	4	—	Leaves began to fall from limes and sycamores.
3	24.4	30.182	70.3	59.2	59.0	76.4	522	362	70	72	SW 1	Calm 0	2	0	—	D ² at night.
4	04.6	29.961	68.9	61.6	46.8	80.1	479	528	68	96	Calm 0	Calm 0	10	0	—	☼ a. Sultry day.
5	00.0	30.060	64.8	54.3	53.1	70.3	453	389	75	92	SW 2	SW 3	6	0	0.160	☼ before ga. Sultry day.
6	16.0	04.4	59.2	53.6	51.1	65.4	374	331	75	80	S 2	Calm 0	5	3	—	
7	02.9	13.9	55.5	47.6	46.1	62.5	357	307	81	94	S 1	Calm 0	7	0	—	
8	30.100	30.085	58.3	48.9	40.0	62.3	370	313	77	91	Calm 0	ENE 1	8	0	—	D before ga.
9	29.966	29.854	55.5	56.2	47.9	65.3	389	401	89	89	SE 2	NE 2	9	10	—	
10	73.3	66.8	59.6	60.0	54.4	68.3	425	453	83	88	SW 1	SW 2	6	10	0.250	
11	68.2	71.0	57.1	53.4	52.6	63.5	421	379	90	93	SW 1	Calm 0	9	10	0.430	
12	62.8	57.5	56.3	50.6	46.2	63.1	365	328	80	89	WSW 1	ENE 1	6	10	1.180	☼ T p. T ☼ at night.
13	60.6	77.8	52.8	48.1	46.1	63.1	366	292	91	87	WSW 2	NW 1	7	3	0.035	☼ T p. T ☼ at night.
14	59.2	34.8	49.1	50.9	44.9	55.7	328	365	94	98	SE 2	Calm 0	10	10	0.580	☼ T p. T ☼ at night.
15	29.6	45.4	50.0	54.6	45.7	55.2	336	371	94	87	NW 2	NE 1	9	10	1.110	☼ T p. T ☼ at night.
16	64.5	82.6	55.9	54.5	53.0	61.3	418	399	93	94	NE 1	NW 1	10	10	0.090	
17	88.3	84.6	53.5	50.5	48.9	58.4	365	335	89	92	NW 2	NW 1	9	5	0.410	K ☼ at night.
18	62.0	70.9	49.1	46.5	44.4	56.4	325	278	93	89	NW 1	NW 1	7	5	0.210	K p. ☼ at night.
19	66.2	66.6	45.9	44.7	40.1	53.9	252	259	83	88	NW 2	NW 2	9	10	0.740	K p. ☼ at night.
20	81.6	89.5	49.7	49.2	42.9	55.8	276	304	78	88	WNW 2	NW 2	4	9	0.170	T p. ☼ at night.
21	88.1	29.984	54.3	51.2	47.0	57.2	399	322	95	86	Calm 0	NW 2	10	10	0.400	
22	29.838	30.033	57.6	54.4	49.3	59.2	447	385	94	92	NW 3	Calm 0	10	10	0.390	☼ before ga.
23	30.170	30.156	54.4	55.4	48.4	61.9	382	403	91	92	Calm 0	NW 1	6	9	—	
24	12.1	10.3	55.2	53.6	52.6	57.9	396	382	91	93	WSW 1	Calm 0	9	10	—	
25	08.4	11.1	54.9	55.6	50.9	60.7	366	424	86	96	W 2	Calm 0	10	10	—	Cool evening.
26	17.4	28.9	57.3	47.5	46.9	63.6	419	313	89	96	Calm 0	Calm 0	9	0	—	Leaves on limes and beeches quite yellow.
27	33.0	39.9	57.3	53.9	42.1	66.3	399	401	85	97	Calm 0	SW 1	5	0	—	
28	44.8	54.1	56.6	51.2	48.3	65.1	416	364	90	97	WNW 2	WNW 1	6	0	—	
29	52.1	47.7	54.6	52.9	47.7	67.2	382	393	90	98	SW 1	SW 1	5	10	—	☼ a. and p.
30	30.424	30.371	53.6	52.4	51.3	59.4	369	348	90	88	NW 2	NW 1	10	10	—	☼ a. and p.
Means	29.975	29.996	56.5	53.3	48.6	63.1	391	373	85.6	94.0	1.3	0.9	7.7	6.3	6.155	

Observer remarks: Crops not entirely gathered in by the end of the month.

HILLINGTON, NORFOLK.

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

SEPTEMBER 1880.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	67.7	61.9	48.9	78.7	ins.	ins.	78	93	E 1	NE 0.5	6	5	—	☼ a. and p.	
2	30.214	30.272	67.7	60.3	68.8	60.0	77.6	507	548	74	89	NW 1	Calm 0	9	10	—	☼ 9 p.
3	266	30.166	75.3	62.8	59.5	83.6	635	441	72	78	W 0.5	Calm 0	1	0	0.002	☼ (mist) till 8a. Very hot day.	
4	062	29.967	78.4	70.4	57.7	85.1	594	564	60	76	S 1	ESE 0.5	1	8	0.022	☼ Very fine and hot. ☼ 9.15 p.	
5	027	30.013	68.9	65.7	63.8	77.2	543	537	78	86	SW 4	WSW 5	9	10	—	☼ 2 sa.	
6	30.131	022	62.8	55.8	55.8	75.6	425	413	75	92	SW 1	SW 0.5	7	10	0.002	☼ Very fine and hot. ☼ 9p.	
7	29.997	30.078	62.7	47.8	47.7	68.4	403	328	72	98	NW 2	NW 0.5	3	3	0.005	☼ Very fine and hot. ☼ 9p.	
8	30.085	29.991	64.9	50.4	39.2	67.6	436	364	71	99	NE 0.5	ENE 0.5	6	0	0.007	☼ early a. Very fine day. ☼ 9p.	
9	29.940	842	64.6	55.8	49.2	68.6	446	424	74	95	SE 3	SE 0.5	5	10	0.001	☼ Very fine till 4p. ☼ 9p.	
10	775	715	67.7	63.4	47.3	77.6	491	512	73	88	SE 1	SSE 2	1	9	—	☼ Very fine day. ☼ 9p.	
11	697	616	65.2	57.9	57.8	70.4	500	470	81	98	SE 2	NE 3	10	10	1.240	K 11.30a. ☼ 2 6.30p.—2a. 12th.	
12	629	654	58.5	56.8	51.8	68.5	360	424	74	92	WSW 3	SW 4	0	6	356	K 2 ☼ 1a.—2a. Distant T 4p. ☼ 2 10p.	
13	585	784	56.5	45.0	45.0	64.3	427	292	94	98	WSW 5	SW 0.5	10	1	—	☼ 9p.	
14	664	338	56.4	53.6	42.3	59.8	367	394	81	96	SE 4	SE 2	10	10	752	Distant T 4p. Summer ☼ in evening	
15	191	286	59.0	54.4	53.1	60.6	454	418	92	98	NW 1	NW 0.5	10	10	827	☼ 2 till 3a. ☼ 2 10p.	
16	561	739	62.7	49.9	47.5	66.6	457	344	81	96	NE 2	NE 0.5	8	0	660	☼ 9p.	
17	818	852	56.6	53.1	48.2	65.8	427	395	93	90	NW 2	NW 1	10	7	078	☼ 2 4a. and 5a. Fine a.	
18	654	682	56.9	47.1	46.1	62.3	439	295	95	91	SW 4	SW 2	10	1	312	☼ 2 8.30a.—9.30a. K 2 ☼ 3.50p.	
19	648	664	51.8	46.1	42.7	58.7	325	270	84	87	NW 5	NW 2	4	5	668	T 10.30a. ☼ 2 3.30p. K 4.15p.	
20	743	863	51.8	49.9	43.3	59.6	395	366	79	86	NNW 4	NW 3	6	9	012	☼ Very fine. ☼ 2 11p.	
21	879	943	53.6	51.6	46.2	62.3	361	377	88	99	WSW 1	W 0.5	9	10	075	☼ 9p.	
22	29.858	29.998	57.7	57.2	51.0	64.3	439	462	92	99	SW 4	W 0.5	10	10	040	—	
23	30.121	30.077	56.7	56.3	52.8	64.5	416	422	91	93	NW 1	W 1	5	8	—	☼ Fine p.	
24	150	071	59.1	56.8	53.7	64.6	437	453	88	98	W 1	SW 0.5	10	10	—	☼ Overcast all day.	
25	063	075	59.7	50.3	54.4	61.7	410	425	80	94	SW 2	SE 0.5	9	10	—	—	
26	157	233	59.5	54.1	54.1	67.5	475	413	94	98	SSW 0.5	SE 0.5	10	2	003	☼ Ground ☼ p. ☼ 9p. ☼ 9p.	
27	305	349	64.2	52.0	46.8	73.1	475	385	79	99	SW 0.5	SE 0.5	0	0	003	☼ 2 a. Very fine day. Ground ☼	
28	399	472	60.0	55.2	48.2	66.9	470	421	92	97	NW 1	NE 0.5	10	10	002	☼ early a. Very fine. ☼ 9p. ☼ 9p.	
29	511	423	56.5	45.2	43.3	65.3	434	302	96	100	NNE 0.5	N 0.5	10	0	008	☼ (mist) early a. Very fine. ☼	
30	30.402	30.336	57.7	53.9	44.3	57.2	399	404	100	98	NNW 0.5	NNW 0.5	10	10	002	☼ all day.	
Means	29.962	29.960	61.3	55.2	50.1	68.1	447	412	82.7	93.4	2.0	1.1	7.0	6.5	3.877		

OSCOTT.

Height above Mean Sea Level, 460 feet. Long. 1° 51' W. Lat. 52° 33' N.
SEPTEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	63°	54°	74°	in.	in.	%	%	SW 3	SW 2	9	9	ins.	D before ga. Fine a., then ∞.
2	30°209	30°279	66°	63°	54°	74°	in.	in.	%	%	WSW 2	SSW 1	9	0	—	[Dull p.]
3	311	295	67°	65°	56°	75°	in.	in.	%	%	S 1	SE 2	9	0	—	D ga. Day fine.
4	30°134	30°134	68°	68°	57°	81°	in.	in.	%	%	ESE 1-2	S 2	0	8	—	(mist) ga. Day fine.
5	30°081	30°081	68°	68°	57°	81°	in.	in.	%	%	SW 4	W 3	8	0	—	
6	30°063	30°063	68°	68°	57°	81°	in.	in.	%	%	SSW 3	WNW 2	7	3	—	D ga. Day fine.
7	30°029	30°029	68°	68°	57°	81°	in.	in.	%	%	WNW 2	NNE 2	4	9	—	D before ga. Day fine.
8	30°081	30°081	68°	68°	57°	81°	in.	in.	%	%	NE 3	NE 3-4	9	5	—	Day fine.
9	29°002	29°002	68°	68°	57°	81°	in.	in.	%	%	ENE 3-4	ENE 2	9	10	0°10	
10	714	659	60°	60°	55°	72°	in.	in.	%	%	SSE 3	S 4-5	9	10	0°16	2.15p.—3.45p.
11	664	676	59°	54°	54°	63°	in.	in.	%	%	SW 1-2	NNW 1	10	10	0°16	2.30p.—9p.
12	634	588	58°	56°	49°	64°	in.	in.	%	%	SSW 3	SE 2	9	10	0°43	2 from Noon.
13	624	779	56°	50°	49°	64°	in.	in.	%	%	WNW 4	SSW 1	3	9	0°10	Day fine.
14	550	251	52°	53°	47°	63°	in.	in.	%	%	SE 3-4	ENE 2	10	10	1°09	2 ga.—Noon. K 2. 3.45p.
15	285	393	53°	55°	49°	60°	in.	in.	%	%	NW 3-4	N 3-6	10	10	0°50	2 p. Wind squally gp.
16	593	783	57°	50°	53°	65°	in.	in.	%	%	NNE 4-5	N 3	5	10	0°50	n. Fine a. 7 3.30p. 2
17	869	841	55°	53°	51°	62°	in.	in.	%	%	NW 4	SW 3	9	9	0°14	gp.
18	609	719	55°	46°	46°	61°	in.	in.	%	%	SW 5	SW 2	2	1	0°10	2.15p. then fine.
19	654	729	52°	45°	43°	59°	in.	in.	%	%	SW 3-4	SW 2	5	0	0°10	Clouds spreading and dissolving ga.
20	832	913	52°	48°	42°	60°	in.	in.	%	%	NW 4-5	SW 2	7	7	2°40	D ga. High fleecy cum. with D gp.
21	887	961	51°	53°	47°	60°	in.	in.	%	%	SW 1	SW 1	10	10	—	Wet till 11a.
22	29°876	30°004	62°	60°	51°	66°	in.	in.	%	%	SW 5-6	SW 1	9	10	0°30	1p. 2 showers p.
23	30°136	30°136	58°	58°	54°	65°	in.	in.	%	%	Calm	Calm	10	10	—	2 a.
24	120	078	54°	57°	45°	59°	in.	in.	%	%	SW 0-1	S 0-1	10	10	—	D ga. 2 a. 2 p.
25	067	087	57°	57°	53°	62°	in.	in.	%	%	SSW 1-2	SSW 1	10	10	—	
26	149	230	61°	57°	54°	66°	in.	in.	%	%	SSW 1	ENE 0-1	9	0	—	
27	291	350	55°	57°	49°	67°	in.	in.	%	%	NE 0-1	S 0-1	9	0	—	2 D 2 ga. 2 gp.
28	479	488	53°	55°	49°	67°	in.	in.	%	%	N 0-1	NNE 1-2	10	7	0°10	2 D 2 ga. 2 gp.
29	503	449	52°	49°	49°	58°	in.	in.	%	%	Calm	NNE 1-2	10	10	—	2 D 2 ga. 2 gp.
30	30°404	30°345	54°	54°	48°	55°	in.	in.	%	%	Calm	SW 1	10	10	—	2 D 2 ga. 2 gp.
Means	29°962	29°971	58°	56°	50°	66°	in.	in.	%	%	2°5	1°8	8°0	6°9	3°840	2 D 2 ga. 2 gp. during day, becoming thicker.

CHURCHSTOKE.

Height above Mean Sea Level, 548 feet. Long. 3° 5' W. Lat. 52° 31' N.
SEPTEMBER 1880.

1	30°203	30°288	64°0	63°6	51°2	68°4	452	489	76	83	SW	2	SW	1	9	6	—	D a. Cool.
2	325	317	67°2	65°2	62°0	73°8	514	539	87	88	SSW	1	Calm	0	9	9	—	
3	255	30°136	68°9	61°6	53°5	81°0	548	439	78	81	SSE	1	Calm	0	1	0	—	D 2 a. Clear and bright.
4	021	29°934	67°3	67°4	54°0	80°7	457	539	60	81	NE	0°5	S	1	0	0	—	D a. Clear, still and bright. Wind strong from S.
5	038	30°090	64°5	52°9	52°0	70°7	483	375	80	94	SSW	2	S	0°5	9	0	0°51	Roll-cum., 3p.—5p.
6	118	056	60°9	51°3	51°2	64°7	412	349	78	92	SW	1	SE	1	8	1	—	D a.
7	067	120	57°0	47°5	42°8	65°5	333	295	71	91	NW	1	Calm	0	1	0	—	D 2 a. (mist) in valley.
8	30°100	30°001	53°7	55°0	38°4	62°3	339	329	82	76	W	1	SW	2	2	3	—	D 2 a. (mist) in valley. Wheat harvest begun.
9	29°892	29°767	50°9	56°9	50°5	61°5	410	430	89	95	E	3	ENE	4	10	10	0°20	
10	695	637	60°3	60°3	56°5	67°3	473	457	91	88	SE	1	S	1	10	10	0°10	
11	680	692	58°6	53°1	52°8	65°4	413	352	84	86	SW	1	Calm	0	9	10	—	
12	632	589	58°0	54°8	45°1	65°8	381	409	79	95	SW	2	WSW	2	7	10	3°77	2 7p.—11.30p.
13	674	769	55°1	49°0	47°1	61°3	319	293	74	85	NW	2	WNW	1	3	5	1°30	Bright and pleasant.
14	460	253	51°9	52°5	47°2	59°1	355	362	92	92	SSW	5	S	0°5	10	8	2°41	2. 2. Squally ga.
15	359	500	52°0	55°7	50°3	56°7	340	379	87	86	NW	3	NW	2	10	10	4°60	greater part of day.
16	655	851	56°3	55°9	53°4	57°2	385	385	85	87	N	5	NNW	2	10	10	0°16	Squally all day.
17	896	810	55°1	53°9	48°1	59°5	356	357	82	86	SW	1	SW	2	5	8	1°79	
18	632	741	55°1	45°2	44°1	57°3	301	275	70	92	SW	5	SW	1	5	6	3°68	2. Swallows seen.
19	685	764	50°1	45°5	43°4	57°3	293	259	78	86	NW	3	NW	0°5	9	1	0°03	
20	871	927	51°9	51°2	44°7	58°7	265	309	69	83	NW	3	NW	1	3	8	0°36	
21	888	29°984	53°9	52°5	50°0	61°6	362	336	87	85	WNW	1	Calm	0	9	9	—	D a. Wheat harvest completed.
22	29°933	30°024	60°8	60°2	50°6	64°6	442	469	83	91	W	3	NW	1	10	9	—	D p. Oat harvest completed.
23	30°140	30°140	60°2	57°0	55°1	68°4	483	428	94	92	N	0°5	Calm	0	9	10	—	D 2 a. (mist) on hills.
24	135	091	55°9	56°1	49°1	61°1	385	382	87	85	W	0°5	Calm	0	10	9	—	D a.
25	081	109	56°5	55°9	53°4	60°9	377	421	83	94	WSW	1	Calm	0	9	8	—	D a.
26	164	252	57°9	54°5	51°6	64°6	434	399	90	94	NNE	1	N	0°5	7	0	—	D p.
27	328	388	53°1	54°3	44°6	67°5	399	389	98	92	Calm	0	NW	0°5	2	0	—	D 2 a. Clear p.
28	511	537	53°7	53°1	46°7	66°3	396	401	96	99	Calm	0	Calm	0	10	7	0°06	D 2 a.
29	524	472	50°2	54°1	48°3	63°9	364	416	100	99	Calm	0	Calm	0	10	10	—	D 2 a. and p.
30	30°425	30°359	53°9	54°0	52°6	55°6	404	385	98	92	Calm	0	Calm	0	10	10	—	D 2 a. and p.
Means	29°980	29°987	57°4	55°0	49°7	64°3	396	389	83°6	89°0	1°7	0°8	7°2	6°2	1°988			

GELDESTON (BECCLES).

Height above Mean Sea Level, 37 feet. Long. 1° 31' E. Lat. 52° 28' N.
SEPTEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°	63°	51°	79°	in.	in.	%	%	WSW 1	WSW 1	1	3	ins.	D ² ga. and gp. $\frac{2}{3}$ p.
2	30°226	30°285	68°	67°	60°	77°	530	499	83	85	WSW 1	NNE 1	9	9	—	D ² ga. D ⁰ gp.
3	330	309	68°	67°	60°	77°	531	582	77	88	E 1	Calm	0	0	—	D ² ga. and gp.
4	288	201	72°	61°	60°	82°	632	504	80	91	ESE 1	SSE 1	0	0	—	D ² ga. D ⁰ gp.
5	090	006	74°	67°	59°	82°	582	579	69	86	WSW 3	WSW 2	10	0	—	D ⁰ ga. D ⁰ gp.
6	058	054	68°	64°	62°	76°	548	488	80	82	W 1	SW 1	3	10	0°40	D ⁰ gp. [and soft. D ² gp. before ga. Cir.-s. in SSW, low
7	30°146	30°146	64°	62°	52°	72°	413	468	68	83	NE 1	NE 1	4	1	—	D ⁰ ga. D ² gp.
8	29°977	29°977	65°	55°	55°	69°	421	379	69	87	E 4	E 1	10	9	—	D ⁰ gp.
9	30°090	30°090	60°	45°	45°	67°	428	419	82	93	SSE 1	S 1	10	2	—	D ² ga.
10	29°938	29°938	63°	59°	55°	64°	442	449	75	88	SSW 2	E 1	5	2	0°70	D ² gp.
11	805	758	66°	64°	49°	75°	442	555	77	92	W 3	E 1	0	1	3°20	2 before ga. D ² gp.
12	724	598	66°	62°	59°	74°	495	516	76	92	WNW 1	WNW 1	6	0	0°20	D ² ga. and gp.
13	639	702	58°	57°	51°	66°	363	401	73	85	SW 5	WNW 1	10	0	2°10	D ² ga. D ² gp.
14	591	795	57°	50°	50°	65°	423	338	89	92	WSW 1	SSW 1	10	0	2°40	D ² ga. Bar. steady ga. D ² gp.
15	747	392	55°	54°	45°	63°	366	412	84	98	ENE 2	NNW 1	7	2	—	D ² ga. and gp.
16	167	314	58°	54°	52°	64°	468	385	95	92	NNW 3	W 1	9	10	0°20	D ² ga. D ⁰ gp.
17	538	711	61°	51°	47°	63°	391	353	72	94	SW 5	WNW 1	10	0	2°10	D ² ga. D ² gp.
18	773	856	61°	56°	49°	64°	464	391	87	87	WSW 3	W 1	3	0	0°60	D ² ga. and gp.
19	721	716	59°	47°	46°	59°	408	312	82	96	W 5	NNW 1	7	2	—	D ² ga. and gp.
20	676	670	54°	43°	43°	59°	302	267	71	94	SW 3	Calm	0	10	170	Cir.-s. low and soft ga. and gp. [10. 30p.
21	690	878	49°	45°	42°	59°	276	275	79	92	W 5	Calm	0	10	—	2 a. $\frac{2}{3}$ p. D ² gp. Bar. falling
22	889	987	52°	51°	44°	58°	335	305	86	95	WSW 1	SW 1	9	10	0°30	D ² ga. and gp.
23	29°899	30°006	56°	57°	50°	64°	413	450	92	96	SW 3	Calm	0	10	—	Cir.-s. low and soft ga. and gp. [10. 30p.
24	30°107	113	57°	58°	55°	64°	430	424	91	88	NW 1	Calm	0	10	—	2 a. $\frac{2}{3}$ p. D ² gp. Bar. falling
25	102	093	59°	58°	54°	65°	408	440	82	89	NNW 1	SSE 1	9	10	—	D ² ga. and gp. Cum. from WSW.
26	088	106	60°	57°	54°	66°	446	415	86	88	W 1	Calm	0	10	—	D ² ga. D ⁰ gp. [10. 45p.
27	172	247	60°	56°	55°	68°	455	438	88	95	SSW 1	Calm	0	10	—	D ² ga. D ² gp.
28	319	371	57°	58°	48°	68°	455	473	95	97	Calm	E 1	10	0	0°10	D ² ga. D ² gp.
29	442	482	58°	50°	50°	69°	474	362	97	98	NW 1	NW 1	10	0	—	[Cum. from N. gp. $\frac{2}{3}$ p. D ² ga. D ² gp. and gp. Wind [NE. 2 45p.
30	404	361	51°	53°	44°	55°	378	389	100	93	NNW 1	Calm	0	10	0°10	D ² ga. Wind ESE. 3. 40p.
Means	29°971	29°982	60°6	56°4	51°4	67°9	439	422	82°8	91°2	NW 1	Calm	0	10	—	D ² ga. D ² gp. Clouds a sheet.

CARMARTHEN.

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

SEPTEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	63.0	53.8	66.4	in.	in.	%	%	SW 3	SW 1	10	10	ins.	
2	30.212	30.306	64.3	62.2	60.8	68.8	574	535	99	96	SW 2	Calm 0	10	10	0.020	
3	30.253	30.103	63.6	66.0	59.8	78.3	520	554	88	87	Calm 0	Calm 0	5	0	—	
4	29.961	29.930	70.3	66.1	60.1	83.0	528	584	71	91	E 1	NE 2	3	10	—	
5	30.030	30.110	63.8	56.1	55.8	67.0	546	439	92	98	SW 1	Calm 0	10	0	0.120	
6	131	061	53.9	55.5	46.0	67.4	413	409	99	93	Calm 0	Calm 0	6	0	—	
7	083	30.098	56.4	52.2	43.2	67.5	399	353	88	91	Calm 0	Calm 0	0	0	—	
8	30.036	29.926	59.0	56.2	47.3	67.4	322	453	64	100	E 1	NE 1	2	0	—	
9	29.837	29.926	62.2	61.6	53.5	63.7	543	539	97	98	E 1	SW 3	8	9	0.150	
10	052	589	63.8	61.0	60.1	67.4	518	520	87	99	S 1	SE 1	10	10	0.380	
11	069	601	60.4	54.9	54.3	65.5	505	393	97	92	Calm 0	Calm 0	8	7	0.390	
12	066	594	58.9	54.5	46.6	64.5	479	410	97	97	S 1	Calm 0	9	8	0.140	
13	719	736	59.8	54.5	47.0	64.0	349	367	68	87	NW 1	S 1	2	10	0.290	
14	318	207	57.7	55.6	52.0	60.2	419	413	88	93	SE 2	NW 3	10	9	1.250	
15	440	538	53.9	56.1	51.6	56.6	389	418	94	92	N 4	N 6	10	9	0.740	
16	671	851	57.3	57.0	55.1	61.6	410	415	87	89	N 6	N 3	10	6	—	
17	940	779	56.4	57.4	53.3	62.0	358	459	79	97	N 2	SW 5	5	10	0.310	
18	667	767	54.9	45.8	45.0	60.1	336	287	78	93	W 2	W 2	5	6	0.040	
19	714	802	53.7	48.3	41.4	58.8	321	278	77	83	W 4	W 2	10	0	—	
20	924	947	58.0	50.9	44.7	62.6	336	325	70	88	W 4	W 1	7	9	0.100	
21	883	29.984	59.4	51.9	50.8	64.2	431	375	86	98	N 1	NW 1	9	8	0.010	before ga.
22	078	30.071	60.0	59.3	50.8	64.2	503	501	98	99	W 4	W 2	10	10	0.040	
23	30.151	167	60.3	55.9	55.4	64.2	503	431	96	97	W 2	W 1	10	10	0.070	
24	107	077	57.6	56.1	54.3	60.0	444	400	93	88	SW 1	SW 1	10	10	0.020	
25	057	085	58.0	58.0	54.3	62.7	465	465	97	97	S 1	S 1	10	10	0.080	
26	146	231	60.8	55.6	55.0	63.2	479	425	90	96	SW 1	Calm 0	10	10	—	
27	202	360	55.6	55.4	48.8	64.2	425	421	96	96	Calm 0	Calm 0	9	0	—	before ga.
28	480	479	57.3	53.6	51.0	65.5	410	403	87	98	N 1	Calm 0	10	0	—	
29	483	426	52.5	52.2	47.3	70.7	384	385	98	99	Calm 0	Calm 0	10	10	0.020	a. and p.
30	403	30.331	54.9	50.7	50.5	61.6	410	360	95	97	Calm 0	Calm 0	10	10	—	a. and p.
Means	29.974	29.975	58.9	56.1	51.7	65.1	441	430	88.0	94.2	1.6	1.2	7.9	6.7	4.330	

MARLBOROUGH.

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

SEPTEMBER 1880.

1	30.272	30.325	57.6	60.9	48.9	75.9	431	494	90	93	Calm 0	Calm 0	10	1	—	Very fine.
2	361	335	65.2	64.3	59.1	79.9	528	526	85	89	Calm 0	Calm 0	7	0	—	Very fine.
3	273	30.163	70.4	60.1	52.7	82.0	430	447	57	87	Calm 0	Calm 0	0	0	—	Very fine.
4	020	29.977	70.2	65.8	55.0	84.5	546	574	74	90	Calm 0	W 2	0	10	0.030	
5	080	30.113	68.4	57.8	57.8	74.5	507	457	73	95	W 1	Calm 0	5	0	0.020	
6	166	045	62.6	59.6	48.7	71.9	459	477	81	94	Calm 0	Calm 0	6	10	0.010	Fine.
7	058	30.108	62.9	51.0	47.9	70.7	403	330	71	90	NE 1	Calm 0	1	0	—	Very fine.
8	30.046	29.959	59.9	57.9	44.8	67.7	356	391	69	82	Calm 0	N 1	6	2	—	Fine.
9	29.880	081	58.0	57.8	51.2	65.0	433	472	89	98	E 2	NE 1	10	10	0.060	
10	718	703	64.8	60.6	54.9	72.0	524	512	86	97	S 1	SW 3	4	10	0.230	
11	694	665	59.4	53.7	53.7	63.0	464	386	93	94	Calm 0	NW 1	10	10	0.710	
12	674	608	60.4	55.7	50.1	65.6	431	425	83	96	NW 2	Calm 0	6	10	1.010	Very fine till 9 a., then showers.
13	686	845	59.5	47.6	47.6	65.0	397	305	78	93	W 1	Calm 0	6	3	0.210	U p.
14	534	199	55.0	55.0	47.6	63.5	415	415	96	96	S 5	S 1	10	10	0.640	all day.
15	344	374	54.6	53.5	51.0	61.7	374	399	88	98	NW 1	NW 2	10	10	0.360	showers.
16	535	778	58.6	55.7	53.2	61.7	385	410	78	93	NE 2	Calm 0	7	10	—	Dull.
17	901	923	55.9	53.9	53.7	63.2	385	378	87	91	NW 1	Calm 0	10	9	0.380	
18	710	797	54.7	48.5	48.2	62.7	404	294	94	87	W 2	NW 1	10	2	0.100	a. Fair p.
19	752	795	48.7	42.0	41.9	58.7	328	231	96	87	W 1	Calm 0	10	0	0.050	a. Fair p.
20	893	29.970	55.7	50.0	40.1	63.7	331	301	75	84	NW 2	Calm 0	3	9	0.100	Fine.
21	29.908	30.015	53.6	51.0	48.4	63.2	397	364	97	97	Calm 0	Calm 0	10	2	0.020	
22	30.008	081	57.8	58.8	51.0	66.8	444	479	92	97	W 1	NW 3	10	10	—	Fine.
23	160	159	62.6	59.8	58.4	69.2	498	498	88	97	NW 1	Calm 0	8	10	—	
24	149	113	57.5	57.3	56.2	62.5	449	422	95	89	Calm 0	Calm 0	10	10	—	ga. and before.
25	113	114	57.7	58.9	53.9	65.7	410	459	86	93	Calm 0	Calm 0	9	10	—	
26	183	242	59.5	59.4	56.9	66.0	472	480	93	96	Calm 0	Calm 0	10	10	—	(mist) ga.
27	311	368	58.5	54.7	54.4	65.7	469	419	96	98	Calm 0	Calm 0	10	0	0.010	(mist) all day. in evening.
28	479	506	54.7	49.9	49.9	63.7	425	352	99	98	Calm 0	Calm 0	0	0	—	a. Very fine day.
29	511	467	53.7	49.7	45.5	65.7	410	346	99	97	Calm 0	Calm 0	0	0	—	Fine, but all day.
30	30.442	30.371	49.7	46.9	42.4	59.7	355	308	99	97	Calm 0	Calm 0	10	0	—	ga. and before. Dull day.
Means	29.995	29.998	58.9	55.3	50.8	67.4	429	412	86.2	93.1	0.8	0.5	6.9	5.6	3.940	

SEPTEMBER 1880.

STRATHFIELD TURGISS.

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

SEPTEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	61.0	50.0	73.9	in.	in.	%	%	SW	1	10	1	ins.	
2	30.282	30.328	66.5	60.8	57.5	78.2	.539	.461	84	87	SW	2	SW	0-1	2	—
3	.282	.166	70.2	55.0	51.7	81.1	.473	.399	64	92	NW	1	SW	0-1	0	—
4	.037	.003	72.5	66.6	51.2	85.0	.594	.576	75	88	SW	1	SW	2	0	—
5	094	30.101	70.1	64.8	63.4	74.7	.520	.512	71	84	W	2	SW	2	6	—
6	.173	29.986	67.3	59.2	50.0	71.1	.472	.470	71	94	W	2	SW	2	5	10
7	.055	30.102	63.6	52.1	48.6	72.9	.413	.355	70	91	W	2	W	1	0	—
8	30.054	29.916	61.7	59.2	45.1	67.6	.422	.410	77	82	N	2	NE	2	5	10
9	29.890	.824	60.0	55.8	54.5	67.6	.472	.433	92	97	NE	1	NE	1	10	0
10	.751	.739	67.3	60.8	52.4	72.8	.528	.494	80	93	SE	1	S	1	7	10
11	.699	.634	59.2	54.2	54.0	64.9	.489	.409	98	98	S	1	S	2	10	10
12	.689	.631	62.3	58.1	50.0	67.1	.451	.462	81	95	SW	3	S	3	6	10
13	.675	.841	60.3	49.9	49.0	64.9	.369	.327	71	91	W	2	W	1	7	4
14	.607	.258	57.2	55.9	45.5	62.9	.437	.425	93	95	S	3	SE	2	10	10
15	.319	.350	56.7	53.7	48.0	62.2	.401	.389	87	94	W	2	SW	2	10	10
16	.503	.744	56.3	57.0	52.4	67.3	.421	.406	92	87	NE	3-4	NE	2	8	4
17	.879	.929	58.3	54.3	52.4	64.6	.416	.370	86	88	NW	3	SW	1	10	9
18	.728	.806	56.3	48.8	47.3	62.0	.403	.297	89	86	SW	3-4	SW	3	10	3
19	.759	.783	49.3	42.6	42.5	59.8	.339	.251	97	92	SW	2	W	1	10	0
20	.872	29.967	56.0	49.5	41.4	64.1	.309	.316	69	90	W	2	W	2	7	5
21	29.920	30.015	50.6	48.1	59.6	.405	.356	94	97	SW	1	W	1	10	7	0
22	30.004	.042	59.6	62.1	49.7	70.2	.453	.479	89	86	W	3	SW	3	10	9
23	.152	.145	61.2	61.4	60.3	71.1	.492	.516	92	96	W	1	W	1	10	10
24	.145	.119	61.5	57.1	54.2	68.0	.480	.443	89	94	W	0-1	SW	1	10	0
25	.110	.123	59.4	56.8	52.3	68.0	.430	.437	86	94	SW	0-1	SW	2	10	4
26	.174	.240	62.8	57.4	52.1	66.7	.482	.456	84	96	Calm	0	SW	2	10	10
27	.316	.367	61.3	57.1	56.3	71.8	.491	.454	91	96	Calm	0	NW	1	10	0
28	.472	.486	55.7	54.1	50.7	68.1	.444	.404	100	96	Calm	0	Calm	0	10	5
29	.511	.461	57.3	50.8	48.9	67.3	.449	.361	95	97	Calm	0	SW	1	10	7
30	30.446	30.377	50.6	47.8	44.7	61.4	.356	.328	97	98	S	0-1	Calm	0	10	0
Means	29.999	29.994	60.5	55.8	50.8	68.6	.448	.416	85.3	92.2	1.6	1.5	7.8	5.3	4.626	

SOUTHAMPTON.

Height above Mean Sea Level, 74 feet. Long. 1° 24' W. Lat. 50° 55' N.

SEPTEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°5	60°0	54°1	72°3	in.	in.	%	%	SW	1°5	SW	1°5	10	2	—	—
2	30°296	30°355	60°5	60°0	54°1	72°3	503	485	95	94	SW	1°5	SSW	1	10	0	—	—
3	389	350	63°3	59°5	57°6	75°5	516	480	88	95	SW	0°5	S	0°5	0	0	—	—
4	297	161	63°5	61°6	52°9	77°6	496	488	85	89	SW	0°5	S	0°5	0	0	—	—
5	017	015	75°6	65°3	57°6	80°7	561	543	63	88	SE	3	SW	5	1	10	—	—
6	124	135	64°0	62°9	59°0	70°3	499	535	82	92	SW	3	SW	2°5	10	3	—	—
7	188	065	60°9	58°8	50°8	69°5	453	467	85	94	W	1	N	0°5	9	10	196	—
8	079	30°100	62°5	57°9	51°4	72°4	440	371	79	78	NW	1°5	NE	1°5	1	2	—	—
9	30°041	29°949	61°0	59°0	52°9	68°1	407	391	77	78	ENE	3	ENE	3	10	2	002	—
10	29°870	818	60°3	59°2	56°5	62°9	455	501	87	99	ESE	2°5	SE	2	10	1	160	—
11	745	757	64°5	62°3	58°8	69°4	535	541	89	96	SE	2°5	SW	2°5	9	10	120	—
12	714	675	61°4	55°1	54°8	63°3	517	429	96	98	W	1	N	2°5	10	10	020	—
13	700	635	61°9	57°9	51°1	67°2	444	455	81	95	SW	3	S	3	5	10	942	—
14	719	807	57°3	51°2	50°7	65°6	380	353	81	94	WNW	2°5	Calm	0	6	9	083	—
15	572	220	57°9	58°5	49°7	64°0	425	443	89	91	SSW	4°5	SW	5	10	10	845	—
16	372	388	59°5	53°7	52°1	62°7	390	384	77	93	NW	3	W	3°5	9	10	412	—
17	487	777	56°9	56°0	53°5	65°8	378	422	82	94	NE	4	N	3	9	10	028	—
18	905	952	57°5	56°3	54°0	64°4	410	383	88	84	NW	2	SW	1°5	10	10	235	—
19	757	836	57°7	50°6	50°1	63°7	453	360	94	83	SW	6	SW	3	10	0	345	—
20	792	29°873	52°2	46°9	46°8	59°4	355	272	91	86	W	1°5	NW	2	10	0	213	—
21	926	30°011	56°3	51°8	43°2	64°4	329	333	73	83	NW	5	NW	1	2	9	151	—
22	975	026	54°6	54°7	49°3	65°4	427	423	100	99	E	1°5	NE	1	0	0	040	—
23	30°050	089	58°7	61°4	51°9	69°6	438	484	89	90	W	3	SW	3	10	10	—	—
24	182	171	63°7	63°0	59°2	72°5	523	533	89	93	W	2	Calm	0	10	10	—	—
25	150	137	59°1	57°5	57°0	66°9	483	436	96	92	WNW	1	WSW	2	10	10	—	—
26	126	144	59°2	60°3	54°9	63°7	425	480	85	92	SW	1	Calm	0	10	10	—	—
27	180	265	58°5	60°1	55°0	68°6	491	490	100	94	Calm	0	Calm	0	10	10	012	—
28	307	377	62°1	59°7	56°7	70°5	486	489	87	96	NE	0°5	Calm	0	9	0	—	—
29	466	479	58°5	58°1	48°5	71°3	441	465	90	96	NW	1	Calm	0	1	0	—	—
30	511	461	57°4	55°2	52°3	65°8	445	425	94	98	NE	1	ENE	1	10	0	—	—
30	30°431	30°386	55°5	51°1	43°0	62°9	406	355	92	94	ENE	2	NE	1	10	0	—	—
Means	30°012	30°016	60°1	57°5	52°9	67°9	451	438	86°8	91°0	2°2		1°8	8°0	5°6	5°793		

NOTE.—The Thermometers were removed on the afternoon of the 6th, and the Rain gauge on the morning of the 7th, to another site, about 60 paces westward.

ST. LEONARDS.

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

SEPTEMBER 1880.

1	30° 28'4	30° 34'5	61° 1	60° 1	57° 2	67° 2	*507	*474	94	91	W	1	W	1	10	0	—	☁ ⁰ early A. Clear from 10a. ☐ p.
2	*384	*340	64° 3	61° 5	58° 0	67° 6	*508	*476	85	87	SW	2	Calm	0	7	0	—	☁ ⁰ p.
3	*296	*165	64° 6	69° 7	56° 7	74° 5	*491	*501	81	70	ESE	1	NE	1	3	0	—	
4	*056	*047	72° 0	67° 5	66° 3	77° 9	*534	*577	68	85	E	2	E?	1	0	0	—	Very fine and bright all day.
5	*128	*135	66° 0	65° 6	63° 8	68° 8	*586	*553	92	88	WSW	3	WSW	4	10	3	—	☁ ⁰ at times a.
6	*182	*023	65° 4	61° 3	58° 0	67° 9	*430	*486	69	90	SE	1	NNW	2	9	10	—	☉ showers. ☐ at night, S.E. to SW.
7	*012	30° 07'5	60° 7	61° 4	56° 1	71° 0	*429	*426	81	79	NW	1	NNW	1	5	1	—	[with very distant T.
8	30° 03'9	29° 03'9	63° 2	61° 2	56° 8	67° 0	*415	*400	72	75	ENE	2	E	3	9	10	—	
9	29° 06'5	*827	61° 6	59° 0	57° 0	65° 5	*444	*464	81	93	ENE	2	W	1	10	0	—	☐ p.
10	*777	*770	69° 1	63° 3	58° 0	71° 0	*510	*542	72	93	ESE	2	SSW	1	1	5	—	☐ a. and p. ☐ in far SE, after 6p.
11	*732	*687	67° 6	64° 0	62° 6	69° 6	*540	*518	80	87	S	3	NE?	1	3	10	—	☉ ☐ after 7p. ☉ ² and squally after
12	*732	*683	63° 5	61° 6	53° 4	64° 0	*417	*418	71	77	SW	5	S	5	5	10	—	[cop.
13	*677	*865	60° 9	53° 8	53° 1	65° 5	*420	*312	79	75	W	3	WNW	2	4	2	—	☉ ² in past n. ☉ showers with T.
14	*707	*355	59° 1	60° 7	52° 8	61° 9	*409	*420	82	79	SSE	6	S	7	10	10	—	[till 4p. ☐ at night.
15	*302	*369	54° 9	55° 0	54° 3	63° 2	*394	*370	92	86	W	4	WSW	1	10	9	—	
16	*415	*709	62° 5	54° 6	50° 1	64° 2	*437	*378	77	89	ENE	3	N	3	5	1	—	☐ p.
17	*841	*940	59° 9	55° 5	50° 5	67° 5	*419	*376	82	84	WNW	1	WSW	1	9	5	—	[6.30p. ☐ 6p.
18	*831	*817	60° 7	49° 8	49° 8	61° 5	*435	*325	82	91	SW	8	WSW	1	10	2	—	☐ (gale) till 0.30p. ☉ ² showers till
19	*778	*768	53° 8	47° 6	47° 0	56° 8	*356	*303	86	93	WSW	1	W	1	10	0	—	Wind backed round the compass during
20	*863	29° 07'1	53° 6	50° 7	43° 4	62° 7	*320	*320	77	87	WNW	4	NW	2	1	1	—	[the day. ☐ p.
21	29° 05'5	30° 01'4	53° 2	54° 1	49° 0	58° 8	*360	*408	89	97	NW	1	W	1	1	1	—	☁ ⁰ a. and p. ☐ ☐ p.
22	30° 02'8	*074	60° 7	60° 4	52° 5	62° 9	*443	*502	84	96	WSW	4	WSW	3	6	10	—	
23	*132	*134	62° 5	61° 2	58° 5	68° 5	*517	*467	92	87	W	1	Calm	0	10	8	—	☉ ⁰ till 10.30a. ☁ ⁰ after.
24	*127	*110	61° 7	60° 6	58° 0	64° 9	*519	*499	95	94	Calm	0	WSW	1	9	10	—	☁ ⁰ all day.
25	*117	*121	60° 7	59° 7	56° 1	65° 0	*469	*457	89	90	W	1	Calm	0	8	2	—	☐ p.
26	*170	*231	62° 6	61° 7	58° 5	68° 1	*457	*466	81	84	NNE	1	NE	1	9	5	—	☁ ⁰ all day.
27	*300	*366	66° 1	60° 0	57° 1	69° 4	*448	*472	71	92	E	3	NNE	1	0	1	—	☐ a. and p.
28	*440	*462	63° 1	58° 7	55° 5	68° 6	*495	*420	85	85	E	1	N	2	7	2	—	☐ a. and p.
29	*482	*446	59° 6	55° 2	53° 1	66° 3	*459	*365	90	84	NNE	2	NNE	2	9	0	—	☐ p.
30	30° 40'8	30° 36'0	61° 9	55° 2	52° 9	65° 0	*406	*273	73	86	ESE	1	E	1	9	0	—	☐ p.
MEANS	30° 00'2	30° 00'3	61° 9	59° 0	55° 2	66° 4	*452	*432	81° 7	86° 5	2° 3		1° 7	6° 9	3° 9	3° 907		

DARTMOOR.

Height above Mean Sea Level, 1,359 feet. Long. $3^{\circ} 59' W.$ Lat. $50^{\circ} 33' N.$

SEPTEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	57°8	56°0	49°0	64°0	479	449	100	100	W	2	W	1	8	3	—	ga. and before.
2	30°286	30°349	57°8	56°5	55°0	70°0	482	384	97	84	W	1	W	1	8	8	—	
3	30°246	30°170	71°5	58°0	53°0	73°0	520	451	67	93	E	1	E	1	2	2	—	a. and opp.
4	29°905	29°997	62°5	60°0	55°0	73°0	548	518	97	100	ENE	1	W	3	10	0	—	
5	30°088	30°185	58°5	53°0	50°0	62°0	491	397	100	99	W	3	NW	1	10	0	230	ga. and before.
6	183	075	56°5	51°5	50°0	61°0	412	343	90	90	W	2	W	2	7	7	—	
7	30°100	30°109	56°9	50°0	49°0	63°0	338	286	73	80	NE	1	NE	1	7	7	—	a. and p.
8	29°998	29°882	53°5	55°0	46°0	59°0	342	375	83	87	E	3	E	5	10	10	370	
9	813	800	56°2	58°5	52°0	59°6	453	459	100	94	SE	2	SW	2	10	10	1°100	ga.—gp.
10	694	677	57°8	56°5	55°0	59°0	469	457	98	100	E	2	E	2	10	10	—	
11	726	763	55°0	47°8	47°0	58°5	418	317	97	95	E	2	Calm	0	10	3	—	ga.
12	719	679	49°0	51°0	46°0	56°0	297	374	86	100	W	1	W	1	10	10	—	
13	758	824	54°0	50°0	45°0	58°0	388	361	93	100	W	2	SE	2	6	10	—	p.
14	414	221	53°0	51°0	45°0	55°0	403	361	100	97	SW	3	NW	1	10	7	1°420	
15	530	567	48°9	48°5	47°0	54°0	336	342	98	100	NW	3	NW	3	10	10	1°350	
16	638	757	51°5	50°0	46°0	56°0	381	348	100	97	NE	4	NE	2	10	10	1°040	
17	965	888	51°5	52°0	49°0	57°0	355	388	94	100	NE	2	NE	2	10	10	1°000	gp.
18	746	882	49°6	48°0	42°0	56°0	340	264	96	79	W	2	NW	1	9	4	690	
19	774	29°888	46°9	44°5	42°0	51°0	304	260	95	89	NE	1	NW	1	6	10	300	
20	985	30°036	51°0	46°5	42°0	56°5	275	280	74	90	NW	1	NW	1	7	10	230	
21	29°924	050	50°5	51°8	46°0	56°0	457	385	100	100	NW	2	NW	1	10	10	1°90	ga. and opp.
22	30°081	167	56°9	54°0	49°0	62°0	454	406	98	97	NW	1	NW	1	10	10	070	
23	201	192	56°9	56°2	53°0	67°0	451	436	98	97	N	1	N	1	2	10	—	a. and p.
24	150	133	53°4	51°8	51°0	57°0	409	377	100	98	N	1	N	1	10	10	040	
25	108	119	55°2	54°1	51°0	58°0	427	416	98	99	SW	1	NE	1	10	10	—	gp.
26	170	256	54°8	53°2	52°0	58°0	424	400	98	99	S	1	NE	1	10	10	—	
27	308	403	59°0	52°0	48°0	67°0	413	388	83	100	SW	1	SW	1	2	2	—	
28	462	503	60°5	50°0	48°0	65°0	431	361	83	100	SW	1	SW	1	3	3	—	
29	485	480	54°9	48°0	48°0	62°0	431	408	100	97	SW	1	E	2	10	0	—	ga. and before.
30	50°390	30°330	87°0	83°0	47°0	60°0	434	388	93	93	E	2	E	2	7	3	—	
Means	30°011	30°023	55°5	52°5	48°6	60°6	412	379	93°0	95°1		1°7		1°5	8°2	7°3	7°020	

BABBACOMBE.

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

SEPTEMBER 1880.

1	30°27'9	30°33'6	63°9	60°2	53°5	73°6	*496	84	90	WSW 2	WSW 3	10	3	—	early n. D n. and p.	
2	*369	*335	68°0	57°4	57°4	76°5	*541	*465	79	SW 2	NE 1	8	10	—	n. and p.	
3	30°27'0	30°13'1	60°3	62°8	56°1	67°3	*464	*526	80	ENE 1	NE 2	8	5	—	to S. 30a. p.	
4	29°97'3	29°99'4	67°0	63°8	62°4	72°5	*556	*541	84	ENE 2	WSW 4	2	10	—	(mist.) a. p. p.	
5	30°00'4	30°15'6	64°2	54°8	54°8	66°6	*528	*386	88	SSW 3	W 2	10	0	*010	(mist) a. p.	
6	*173	*049	61°2	57°4	51°1	63°4	*454	*434	85	NE 1	NNW 1	9	4	*050	a. and p. 6.45p.	
7	30°08'4	30°07'6	64°8	57°9	52°3	69°5	*400	*324	65	ENE 2	NNE 1	2	5	—	a. (mist) a.	
8	29°98'0	29°87'5	58°1	60°9	56°0	64°2	*378	*441	79	ENE 4	ESE 5	9	10	*380	to 4p.—4.15p. (mist) p.	
9	*808	*750	60°4	60°4	57°1	66°6	*526	*498	100	SSE 2	SSE 3	10	9	*330	(mist) a.	
10	*694	*677	65°2	60°7	60°1	68°5	*562	*492	91	SSW 2	S 4	7	10	*160	to 8.45a.	
11	*711	*726	59°8	52°8	52°8	61°8	*463	*361	90	WSW 1	WSW 2	10	3	*040	[Midt	
12	*650	*629	61°9	53°9	50°6	65°5	*479	*399	87	66	SSW 4	W 2	8	9	*200	p. in NE. horizon. 11p.
13	*754	*835	58°2	54°0	49°0	66°1	*357	*361	74	86	NW 3	SW 2	4	9	*910	2 in NE. and SW. till 0.15 a. p.
14	*431	*153	57°9	55°7	54°0	62°6	*434	*428	90	66	SW 5	SW 2	2	9	*8	2 in NE. and SW. till 0.15 a. p.
15	*497	*514	53°8	52°9	52°8	60°3	*363	*381	87	95	NW 4	NW 4	9	10	*200	2 in NE. and SW. till 0.15 a. p.
16	*588	*835	57°2	58°1	52°9	65°5	*391	*403	84	83	NNW 5	NNW 3	10	9	—	Squally a. and p. 3p.—4p.
17	*955	*943	58°4	49°4	54°2	65°5	*386	*391	79	91	NW 3	WSW 3	9	8	*430	Squally a.
18	*756	*853	53°9	54°9	49°8	63°5	*396	*294	95	83	WSW 3	W 4	9	1	*480	[Sp. p.]
19	*744	*29'866	51°9	44°8	44°8	57°4	*367	*265	95	89	NW 2	WSW 2	10	1	*030	(gale, from SW.), 6a.—7a. p.
20	*968	30°10'5	58°6	51°0	43°7	63°0	*302	*305	61	82	WNW 3	WSW 2	1	10	*050	(mist) a. Parhellen 21½ S. of
21	29°09'3	*032	60°4	55°5	50°8	60°6	*483	*303	93	91	W 3	WNW 2	10	8	—	n. and p. [sun, sp. p.]
22	30°05'8	*136	64°0	58°3	53°0	70°5	*498	*419	83	87	WSW 4	W 3	7	8	—	p.
23	*182	*171	64°5	59°2	56°1	67°4	*491	*449	81	90	W 1	Calm 0	7	9	—	till 10a., and p.
24	*131	*105	58°8	56°1	56°1	63°2	*446	*406	90	90	SSW 2	SW 2	10	10	*010	(mist) a. p. till ga.
25	*086	*105	58°8	58°4	55°9	63°7	*477	*454	96	93	S 2	SW 1	10	10	—	(mist) p.
26	*169	*236	60°8	54°7	54°7	64°8	*454	*410	85	96	SW 1	Calm 0	10	1	—	p. till ga., and after 6p. 10p.
27	*301	*371	59°7	56°8	52°2	66°8	*454	*425	89	92	WNW 1	NW 2	7	0	—	till 10a., and after 6p. (mist.)
28	*458	*475	60°7	56°4	49°1	64°9	*431	*428	82	94	NE 2	Calm 0	1	0	—	till 10a., and after 6p. 10.30a.
29	*484	*428	56°8	57°8	51°1	62°5	*443	*434	95	90	NE 2	ENE 2	10	0	—	to 11a. D ² a. D ⁰ after 9p.
30	30°38'6	30°33'3	60°9	57°7	55°3	62°3	*428	*416	81	87	E 2	E 2	1	3	—	(mist) ga. p.
Means	29°99'8	30°00'4	60°3	56°5	53°3	65°9	*448	*413	85°4	89°8	2°5	2°2	7°6	6°1	3°520	

Observer remarks: Mean sea temperature 62.4. Many shrubs put forth new leaves after the 22nd.

ST. AUBIN'S, JERSEY.

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

SEPTEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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° 9	59° 5	57° 5	71° 5	in.	in.	%	%	Calm	0	10	10	—	[from 6p.	
2	30° 326	30° 381	61° 9	59° 5	57° 5	71° 5	.533	.503	97	95	Calm	0	10	10	—	Scotch $\frac{1}{2}$ a. Very fine 1p.-5p. $\frac{1}{2}$ early a. Very fine and warm from 10a.	
3	.402	.345	61° 3	63° 3	56° 2	72° 7	.498	.509	92	87	E 1	ESE 1	10	0	—	Warmer than any morning in [September for last 12 years. [Humidity 56% at 1p.]	
4	.271	.125	72° 9	68° 5	61° 4	79° 0	.555	.560	69	80	E 2	NE 2	0	0	—	Very fine and hot a.	
5	.014	.093	71° 9	67° 1	66° 8	77° 8	.552	.551	70	83	SE 2	SW 2	1	4	—	Squally ga. [vivid <.]	
6	.180	.206	68° 4	64° 8	63° 0	75° 0	.527	.569	76	93	SW 3	SW 1	5	5	.102	at intervals 6.30p.-9.15p., very	
7	.186	.034	65° 4	62° 4	61° 3	68° 4	.563	.550	90	98	NW 1	Calm	0	9	.065	Very fine a. Coloured $\frac{1}{2}$ 3p.-3.30p.	
8	30° 085	30° 086	66° 1	61° 4	58° 4	68° 2	.492	.443	77	82	NE 2	NE 2	1	10	.039	Very clear a. Fine and warm. [D ⁰]	
9	29° 952	29° 866	63° 0	62° 8	59° 5	66° 0	.506	.561	88	98	ENE 3	E 1	10	10	.558	6.45p. and 9p., 40 in. in 40 minutes.	
10	.860	.801	68° 2	66° 8	61° 2	69° 4	.535	.520	78	81	S 3	SE 3	3	5	.001	a. Extremely fine a. Cloudy p.	
11	.761	.783	67° 1	63° 6	62° 0	73° 5	.517	.518	78	89	SW 3	S 2	2	4	.240	8a.-7.30p. Sunless day. Min. temp. [came at 5p.]	
12	.732	.776	60° 0	56° 8	54° 0	63° 6	.485	.411	94	89	NbyW 1	W 2	10	4	1.558	1.45p.-9.30p. [about 7p. D ⁰ p.]	
13	.756	.674	64° 0	57° 3	56° 0	65° 2	.461	.458	77	97	S 2	W 1	7	8	1.267	Extremely fine and clear. Min. temp. [from 5a.]	
14	.806	.930	62° 8	54° 6	53° 3	67° 0	.414	.324	73	77	W 3	W 1	5	2	.063	(gale) with squalls.	
15	.626	.324	59° 3	57° 6	53° 9	64° 3	.466	.356	93	75	SbyW 6	SW 8	10	10	.580	Squally early a. $\frac{1}{2}$ 9p. D ⁰ p.	
16	.551	.581	57° 8	55° 8	54° 8	60° 8	.380	.370	79	83	WNW 7	WNW 7	10	10	.540	Cold breeze. $\frac{1}{2}$ at times from 8p.	
17	.525	29° 781	57° 8	58° 9	54° 6	63° 1	.430	.437	89	88	NW 5	N 2	10	2	.003	(gale) a., lull 2p. $\frac{1}{2}$ noon-3.30p. [3.48p. Double D ⁰ 9.6p.]	
18	.955	30° 049	60° 1	57° 4	57° 3	65° 3	.443	.406	85	86	NW 2	W 3	8	9	.004	a. $\frac{1}{2}$ showers noon-5p. Very [clear night.]	
19	.949	29° 951	60° 8	55° 9	52° 8	63° 1	.419	.335	79	74	SW 7	W 4	9	6	.360		
20	29° 905	29° 899	58° 0	51° 4	51° 1	59° 3	.393	.300	81	79	W byS 6	NW 2	10	1	.285		
21	30° 021	30° 075	62° 0	54° 9	50° 0	64° 1	.350	.329	63	76	WNW 2	W 1	7	9	.023		
22	.002	.083	60° 3	58° 9	54° 2	63° 7	.510	.478	97	97	W 3	W 1	10	10	.075		
23	.152	.201	59° 0	58° 2	55° 8	61° 8	.458	.473	92	98	W byS 2	W byN 2	9	7	.009		
24	.235	.209	58° 0	57° 1	56° 0	60° 1	.451	.445	93	95	WNW 1	Calm	0	10	.012		
25	.168	.146	58° 2	57° 4	54° 9	61° 0	.448	.445	92	95	SW 1	SE 1	10	4	—	Sunless till after 4p. D ⁰ p.	
26	.117	.135	60° 8	60° 0	56° 5	64° 8	.490	.508	92	98	SE 2	E 1	10	4	.007	Almost sunless. [glowworms.]	
27	.177	.239	65° 2	58° 9	57° 5	67° 3	.469	.462	76	94	NE 1	NE 1	2	0	—	a. and p. Day very fine. Many	
28	.297	.367	62° 1	58° 9	58° 2	69° 3	.503	.446	90	90	Calm	0	2	8	0	—	early a. D ⁰ a. and p. Very fine day.
29	.442	.445	64° 6	58° 7	57° 1	68° 6	.501	.435	83	88	ENE 1	NE 2	3	0	—	early a. D ⁰ a. and p. Very fine day.	
30	.456	.411	60° 7	58° 3	56° 1	65° 7	.438	.452	83	92	E 3	E 3	1	0	—	a. Day very fine. D ⁰ p.	
Means	30° 387	30° 340	63° 0	58° 7	53° 8	65° 3	.443	.449	77	91	E 2	NE 1	0	0	.004	a. and p. Cloudless day.	

LONDONDERRY.

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

SEPTEMBER 1880.

1	30°072	30°272	61°7	53°8	52°3	68°2	.489	.371	89	89	W 2	Calm	0	10	0	—	in the evening.
2	.246	.169	61°3	63°9	46°5	70°4	.391	.524	73	88	SE 1	W 2	10	2	.030		
3	30°130	30°049	60°2	63°0	60°0	75°3	.493	.496	69	84	S 2	SE 1	4	0	—	Fine all day.	
4	29°913	29°786	69°7	69°5	58°0	81°2	.508	.582	70	81	SE 2	S 3	1	8	—	a.	
5	.857	.917	63°2	56°7	53°4	70°1	.438	.365	76	79	SSW 3	WSW 3	10	0	.050	Fine from 11a.	
6	29°914	29°942	54°7	54°3	52°0	64°6	.366	.360	86	86	WSW 4	SW 2	7	8	.020		
7	30°023	30°116	55°8	49°9	48°2	65°1	.390	.323	87	91	SW 1	E 1	10	0	.010		
8	30°137	30°038	58°8	48°7	40°0	63°4	.355	.290	72	85	ENE 1	Calm	0	1	0	—	Fine and clear all day.
9	29°890	29°650	60°2	59°9	41°8	66°1	.365	.433	70	85	SE 3	SE 2	2	9	.040		
10	.474	.501	60°8	54°4	53°8	62°0	.503	.409	94	96	SSW 2	Calm	0	10	5	.530	9a.-6p.
11	.536	.655	59°7	51°7	48°2	64°6	.370	.337	73	87	S 3	E 1	4	8	.100	Fine and clear all day.	
12	.538	.529	57°7	52°2	48°2	64°0	.394	.372	83	96	W 1	W 1	6	10	.200	showers. T in SE. 1.45p.	
13	.599	.617	56°7	50°7	44°6	61°6	.336	.324	73	87	WSW 2	Calm	0	4	.060	8p.	
14	.455	.612	55°0	52°2	46°7	57°0	.372	.353	86	91	ENE 2	NE 2	10	10	.140		
15	.759	.904	55°7	54°2	51°0	58°8	.329	.342	74	81	N 2	NE 3	8	5	—	during the day.	
16	.992	.959	55°7	48°7	47°0	61°0	.329	.311	74	91	N 1	Calm	0	5	.030	Fine and clear all day.	
17	.780	.611	56°9	49°8	47°6	62°0	.403	.348	87	97	SW 2	WSW 1	10	3	.230	showers all day.	
18	.542	.607	50°2	48°2	44°0	57°0	.300	.305	83	91	SW 3	WSW 2	10	10	.250	showers all day. A at times.	
19	.635	.693	47°2	49°7	42°6	57°2	.305	.306	95	86	NW 2	NW 2	5	6	.150		
20	.835	.845	53°1	49°5	44°2	59°4	.331	.334	81	95	NW 1	NW 1	8	7	.040		
21	.851	29°843	58°7	53°7	48°0	59°6	.356	.390	73	94	NW 1	SW 1	6	10	.540		
22	29°875	30°046	55°7	51°1	50°0	60°4	.420	.347	94	92	W 1	W 1	10	6	.060		
23	30°089	30°067	57°3	58°1	47°0	62°0	.458	.450	97	93	SW 1	Calm	0	10	.030		
24	30°025	29°941	58°3	57°7	53°0	60°6	.417	.452	86	94	S 2	S 2	8	10	.060		
25	29°930	29°996	59°1	53°2	52°4	68°4	.479	.383	95	95	S 1	S 1	10	2	.010	a. Fine and clear day.	
26	30°042	30°156	60°1	59°2	50°8	66°6	.431	.477	84	95	SW 2	Calm	0	10	.070		
27	.141	.342	58°7	50°7	50°0	62°5	.438	.350	89	94	S 2	S 1	10	0	.010		
28	.447	.502	48°7	54°7	44°0	65°0	.324	.405	94	94	Calm	0	Calm	0	10	—	
29	.461	.448	57°7	56°7	54°0	61°0	.422	.421	88	91	SW 1	Calm	0	10	—		
30	30°415	30°299	56°7	54°7	52°0	60°0	.365	.405	79	94	S 1	E 1	10	10	—	(mist) all day.	
Means	29°920	29°937	57°8	54°4	49°0	63°8	.396	.386	82.5	90.1	1.7	1.1	7.6	6.0	2.660		

MARKREE CASTLE, SLIGO.

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

SEPTEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	60.8	53.1	52.7	65.0	in.	in.	%	%	NW 3	Calm 0	10	10	—	ins.
2	30.248	30.248	60.8	59.1	60.9	43.1	.396	.351	75	86	S 2	SSE 3	10	2	.019	
3	.214	.175	59.1	60.9	43.1	71.5	.451	.481	90	91	S 2	SSE 3	10	0	—	
4	30.122	30.002	64.8	62.0	59.4	71.6	.547	.459	89	83	SSE 3	SSE 3	10	0	—	
5	29.827	29.779	65.4	65.0	56.7	77.2	.518	.513	83	84	SE 4	SSE 2	2	10	.004	
6	.865	.923	61.6	54.1	53.8	68.4	.429	.365	79	87	SW 1	SW 2	10	3	.089	
7	29.940	29.975	59.0	54.6	49.5	64.4	.383	.356	77	84	WNW 2	W 2	2	10	.017	
8	30.027	30.096	58.7	56.1	46.6	62.9	.387	.387	79	85	Calm 0	Calm 0	10	10	—	
9	30.083	29.986	60.4	47.4	47.3	66.4	.348	.284	66	84	N 2	Calm 0	3	0	—	D 9p.
10	29.829	.582	58.8	59.0	38.0	66.7	.386	.439	78	89	SE 3	SE 3	1	10	.170	
11	.465	.504	58.4	50.9	50.3	60.6	.464	.347	95	93	S 2	Calm 0	10	8	.083	
12	.535	.614	59.0	52.1	43.6	65.6	.410	.357	83	91	SSW 3	Calm 0	7	2	.013	3a. D 9p.
13	.521	.556	56.1	48.4	41.9	61.4	.393	.305	87	90	Calm 0	Calm 0	10	1	.327	2ga. 8.45p.
14	.631	.575	56.9	49.2	39.3	62.4	.330	.312	71	90	WNW 2	Calm 0	3	10	.169	6p.
15	.309	.609	52.7	54.2	48.6	56.4	.356	.310	89	74	ENE 3	NE 5	10	3	.085	
16	.780	.022	56.6	54.3	50.6	60.0	.292	.293	64	70	N 4	N 5	6	5	—	D 9p.
17	.997	.905	57.1	52.6	49.3	59.4	.295	.345	63	87	N 3	Calm 0	7	10	—	D 9p.
18	.810	.626	57.8	49.2	47.3	61.6	.401	.324	83	93	SW 2	Calm 0	10	10	.303	D 9p.
19	.573	.644	53.2	47.1	39.3	58.2	.322	.283	80	88	WSW 3	SSW 1	2	10	.177	Double 8a. D 5p. D 9p.
20	.670	.752	47.6	49.1	43.3	57.4	.295	.307	90	88	W 1	Calm 0	10	7	.226	
21	.884	.859	54.5	51.5	45.6	57.4	.320	.349	76	88	WNW 3	Calm 0	10	10	.064	
22	.884	29.765	53.9	54.9	49.3	58.5	.364	.407	88	95	Calm 0	SE 2	10	10	.307	
23	29.871	30.031	57.4	51.5	50.7	61.7	.450	.373	95	98	Calm 0	Calm 0	10	10	.004	2p. D 2p.
24	30.073	30.059	59.2	53.4	51.0	66.4	.461	.345	92	85	SW 2	Calm 0	10	10	—	D 2p.
25	29.993	29.936	57.8	58.0	52.3	61.2	.410	.448	85	92	SSE 1	Calm 0	10	10	.170	
26	29.975	29.983	58.2	54.6	52.3	67.4	.451	.383	93	90	Calm 0	Calm 0	10	8	.003	
27	30.045	30.125	59.0	59.2	53.7	65.0	.433	.407	87	94	S 3	Calm 0	10	10	.045	
28	.148	.343	58.0	46.1	45.8	64.4	.410	.296	85	95	S 4	Calm 0	10	0	.009	D 2p. 2a. 2p. 11p.
29	.458	.451	52.1	53.1	39.1	65.4	.376	.385	96	95	Calm 0	Calm 0	8	1	—	D 2p. 2a. 2p. 11p.
30	.440	.421	56.1	55.1	39.1	61.7	.421	.385	93	88	S 1	SSE 1	10	10	—	
31	30.349	30.268	56.4	54.2	52.2	61.6	.419	.403	92	96	SSE 1	SE 2	10	5	—	D 2p.
Means	29.913	29.925	57.6	53.7	47.7	63.6	.397	.368	83.4	88.4	1.9	1.0	8.0	6.8	2.284	

BIRR CASTLE, PARSONSTOWN.

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

SEPTEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	64.8	59.3	59.3	70.2	ins.	ins.	91	82	SW 1	Calm	0	7	ins.	
2	25.5	23.1	65.8	65.3	57.4	76.5	55.7	58.6	88	94	SSW 0.5	Calm	0	6	1.26	
3	30.179	30.057	65.2	61.1	61.0	74.3	47.8	48.2	78	89	SSE 2	S	3	3	0	
4	29.855	29.836	67.8	64.5	57.3	78.6	54.4	49.8	80	82	SSE 3	SSE 3	3	9	0.19	
5	29.930	30.035	61.8	55.2	59.0	67.9	45.9	34.7	83	80	SSW 1	SSW 2	10	0	0.10	
6	30.055	30.044	56.8	54.4	52.0	65.8	37.6	38.8	84	89	SSW 2	Calm	0	9	0.03	
7	30.082	30.098	58.1	58.7	49.2	66.0	36.4	46.2	75	94	S 5	Calm	0	10	8	1.17
8	30.075	29.979	59.0	51.2	50.0	66.2	37.2	32.3	75	86	NE 1	SW 1	6	0	—	
9	29.815	29.815	59.2	61.8	60.5	42.8	66.2	38.8	71	92	E 1.5	S 1	0	10	1.16	
10	52.1	56.8	58.7	52.3	55.0	62.5	47.1	37.3	96	95	S 0.5	Calm	0	10	4	3.80
11	51.7	64.1	58.0	55.1	47.0	65.0	37.2	40.2	77	92	SW 3	Calm	0	1	10	0.07
12	54.8	59.7	57.8	50.4	50.4	62.5	40.7	34.1	84	93	SW 1	Calm	0	9	1	—
13	71.0	59.8	55.8	53.2	43.1	61.3	32.9	33.0	73	81	ESE 2	SSE 1	1	10	2.70	
14	155	56.8	57.0	51.7	51.6	59.5	41.7	31.4	89	82	ESE 5	N 8	10	0	0.74	
15	76.8	29.881	54.7	51.9	50.1	61.5	29.9	30.1	70	78	NNW 8	NNW 9	7	7	—	
16	98.9	30.019	57.0	49.8	49.8	62.8	30.9	33.7	66	94	NNW 5	Calm	0	1	8	0.08
17	90.1	29.690	56.8	52.9	44.2	64.5	41.7	37.5	90	94	S 1	SW 0.5	10	1	3.52	
18	64.7	73.7	52.2	47.3	45.3	57.3	31.8	29.9	81	92	SW 1	SW 3	1	10	3.09	
19	73.7	84.0	50.6	48.2	42.9	57.7	29.8	27.2	81	82	SW 1	W 2	9	10	—	
20	94.2	90.7	54.7	51.8	46.3	59.7	32.3	35.1	76	91	W 2	S 1	9	10	0.56	
21	92.4	29.872	54.8	57.9	51.1	61.3	30.0	41.4	91	86	NW 0.5	SW 5	10	10	—	before 9 a.
22	29.901	30.066	60.7	59.8	51.0	64.3	48.7	50.2	92	98	SSW 7	Calm	0	10	10	0.79
23	30.141	30.102	60.2	60.2	57.7	63.8	45.0	39.9	87	76	SW 1	Calm	0	10	10	—
24	04.1	29.992	57.8	57.5	57.3	62.4	41.5	44.6	86	94	S 1	Calm	0	10	10	0.53
25	00.5	30.035	60.1	53.1	55.0	66.1	48.3	38.8	93	96	SSW 1	Calm	0	10	10	0.43
26	10.3	18.2	56.8	54.9	49.6	67.5	42.9	41.6	93	97	SSE 1	Calm	0	10	8	—
27	22.7	36.6	58.7	58.8	53.2	65.5	42.3	47.9	85	95	S 2	Calm	0	9	0	0.15
28	46.8	48.0	60.2	53.9	53.9	67.2	49.2	39.9	95	96	Calm	0	10	0	—	
29	47.8	44.4	54.2	50.7	50.4	58.5	39.4	36.0	94	97	SE 2	Calm	0	10	0	—
30	30.366	30.300	58.1	50.2	46.0	65.5	44.4	34.6	91	96	ESE 1	N 1	10	0	—	
Means	29.951	29.967	58.5	55.1	51.3	64.9	41.6	39.4	83.8	89.8	2.1	1.3	7.6	5.9	2.086	

DUNROBIN CASTLE.

Height above Mean Sea Level, 12 feet. Long. 8° 59' W. Lat. 57° 57' N.

OCTOBER 1880.

1	30.099	29.938	57.0	45.4	46.5	57.4	36.9	27.8	79	92	SW	NW	—	—	1.20	
2	29.946	29.872	43.6	40.2	36.8	47.7	22.2	22.2	78	89	SW	N	—	—	1.010	
3	80.9	87.4	42.6	42.4	38.6	54.3	24.9	23.1	91	86	W	W	—	—	1.50	
4	86.9	83.1	46.2	41.9	36.6	53.0	23.3	21.9	75	83	E	E	—	—	—	Clear and fine, but cold.
5	75.1	65.0	49.7	46.4	30.5	53.0	26.8	27.1	76	87	E	E	—	—	0.60	Fine, but windy.
6	66.8	80.1	48.5	42.6	41.9	52.5	29.2	23.2	87	85	W	E	—	—	—	Clear and cold.
7	88.9	29.988	50.7	42.9	41.2	53.7	25.8	24.1	70	87	E	NE	—	—	—	Fine day.
8	29.989	30.131	44.9	44.2	36.8	52.3	26.1	25.7	83	89	E	NE	—	—	—	Dull a. Fine p.
9	30.164	29.91	49.0	42.4	39.1	52.5	26.6	23.1	76	86	E	NE	—	—	—	Dull a. Fine p.
10	30.7	31.7	49.5	38.6	34.5	54.0	26.5	21.1	75	90	SE	N	—	—	—	Fine.
11	40.9	45.7	46.4	46.6	35.6	54.0	27.1	20.2	87	93	N	NW	—	—	—	Fine.
12	40.7	32.3	47.5	46.9	40.5	51.7	28.5	26.9	88	85	NW	NW	—	—	—	
13	28.5	30.3	52.0	48.5	46.2	55.7	30.3	33.7	78	99	SW	NW	—	—	—	Fine a. Dull p.
14	35.7	27.6	51.0	49.5	45.7	56.6	28.8	31.6	77	90	NW	N	—	—	—	Clear and cold.
15	21.9	13.5	49.7	48.5	42.7	54.3	30.2	32.1	85	95	NW	W	—	—	1.30	Fine and mild.
16	30.071	30.024	48.0	46.4	45.7	54.3	29.2	29.4	88	94	NW	NE	—	—	—	Dull a. Clear p.
17	29.958	29.911	48.5	52.3	45.7	55.0	28.8	33.9	85	86	N	S	—	—	4.10	Fine a. Dull and windy p.
18	29.851	30.077	42.9	32.1	31.5	54.5	24.1	16.4	87	90	N	NE	—	—	1.40	showers a.
19	30.137	30.011	34.1	30.3	27.0	37.2	16.1	12.5	81	73	NW	N	—	—	0.40	2 inches deep.
20	29.840	29.842	36.1	34.8	27.0	40.0	16.2	16.3	75	80	NW	N	—	—	1.90	showers and (sleet).
21	97.0	29.917	36.5	33.5	32.3	41.5	19.5	18.4	91	86	NW	S	—	—	1.00	showers and (sleet).
22	29.963	30.065	36.5	38.2	30.0	43.3	19.5	19.5	91	85	N	NW	—	—	0.40	Clear and frosty.
23	30.089	30.149	38.6	39.9	30.5	44.3	18.3	21.6	78	88	SW	SE	—	—	—	Clear and cold.
24	30.175	30.117	40.9	39.4	37.6	51.3	22.4	22.5	88	94	NW	NE	—	—	0.90	
25	29.846	29.767	43.4	40.4	37.6	48.7	26.6	21.1	95	84	W	N	—	—	1.70	Drizzling.
26	86.6	71.7	35.5	32.3	30.0	42.3	14.7	16.1	70	88	N	N	—	—	1.50	showers.
27	67.3	54.7	39.9	34.3	32.3	42.3	17.1	16.3	69	82	E	SW	—	—	0.50	Clear and frosty.
28	52.2	65.2	37.6	36.3	33.0	43.7	16.9	17.4	75	81	NE	NE	—	—	2.00	Dull. Cold winds.
29	74.2	86.7	37.6	35.1	34.0	49.3	19.8	18.9	88	92	SE	NW	—	—	0.20	Dull and cold. showers.
30	77.3	82.3	41.9	39.6	34.5	48.3	23.6	22.3	90	92	NW	W	—	—	2.00	
31	29.777	29.075	37.4	33.8	32.0	46.0	20.8	15.0	93	77	NE	W	—	—	1.00	a. Clear p.
Means	29.982	29.989	44.0	40.8	36.6	49.8	24.1	22.9	82.4	87.7	—	—	—	—	3.370	

BRAEMAR.

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

OCTOBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	53.0	46.6	46.3	57.1	ins.	ins.	91	82	SW 0.5	SW 2	6	8	ins.	Dark and dull.
2	29.972	29.883	36.7	36.7	35.6	53.5	16.0	18.2	77	79	NW 1	NW 4	6	8	2.80	* showers.
3	78.4	87.6	38.9	40.4	35.3	49.5	20.6	21.4	87	86	NW 4	N 1	7	6	1.60	* showers. Cold and wet.
4	80.5	81.6	40.6	35.5	35.4	47.7	19.4	19.5	77	94	N 0.5	N 2	4	1	—	* showers. Cold and dry.
5	69.7	57.8	37.6	42.6	33.7	47.5	20.5	24.5	91	84	E 0.5	NE 2	6	7	2.30	
6	58.5	72.2	41.6	40.6	40.3	47.3	25.4	23.0	97	91	NE 6	NE 2	5	9	0.40	
7	86.1	29.972	41.2	39.3	38.3	47.4	21.9	23.0	85	96	NE 1	NE 2	7	1	0.20	
8	29.982	30.056	40.6	36.9	35.4	46.8	23.0	21.3	91	97	NE 0.5	NE 0.5	6	4	0.20	
9	30.158	24.1	37.8	40.6	32.7	46.5	21.8	21.7	97	86	E 0.5	NE 0.5	5	7	—	
10	28.1	35.8	37.5	34.2	34.2	52.5	20.3	18.8	91	95	NE 0.5	E 0.5	5	0	—	Sunshine.
11	48.0	50.1	28.7	32.3	24.9	53.7	12.0	17.1	83	93	E 0.5	E 0.5	3	0	—	Sunshine.
12	44.8	34.6	31.7	39.4	28.4	50.8	16.2	23.9	91	99	E 0.5	NE 1	8	8	—	Dull.
13	32.2	31.3	43.0	46.6	33.7	55.5	23.6	26.9	85	86	NE 0.5	NW 1	6	6	—	Fine and sunny.
14	32.7	33.0	47.5	43.9	43.9	51.3	25.9	25.6	80	89	NW 1	NW 1	5	4	—	Fine and sunny.
15	22.7	15.7	45.7	43.6	40.1	50.5	25.3	26.3	83	93	NW 0.5	W 0.5	5	7	—	Fine.
16	30.085	30.056	40.9	44.6	38.0	49.3	24.3	25.4	95	86	W 0.5	W 0.5	8	7	—	Fine.
17	29.990	29.961	45.0	44.6	41.5	50.2	24.3	24.8	82	84	W 0.5	W 2	8	7	2.30	Dull with ☉
18	29.808	30.049	44.6	31.5	31.5	47.7	26.9	163	92	92	SW 1	N 3	7	3	1.10	* p.
19	30.088	29.997	30.7	25.7	25.7	45.5	15.1	13.2	88	95	SW 4	SW 2	3	1	—	Cold and dry. Snow on hills.
20	29.866	83.7	18.2	31.8	11.4	44.0	0.90	178	91	99	N 2	N 2	0	10	1.50	* 2 showers.
21	95.4	29.904	32.9	31.7	16.4	44.3	18.7	151	100	85	W 4	W 2	7	1	—	Cold and dry.
22	29.973	30.063	25.2	30.7	16.6	40.5	13.2	167	97	98	S 2	S 2	6	2	—	Cold and dry.
23	30.151	10.7	22.1	34.2	15.7	40.3	11.9	168	100	84	S 0.5	S 0.5	8	8	—	Cold and dry.
24	30.185	30.176	39.1	35.8	34.0	43.0	19.1	190	80	90	N 2	N 0.5	2	1	—	Cold and dry.
25	29.835	29.715	41.6	38.1	34.9	44.3	23.5	200	90	87	S 2	N 4	8	8	0.80	Cold with ☉ showers.
26	80.2	68.1	29.9	32.0	27.9	42.0	14.2	168	85	100	N 4	N 2	5	7	0.20	* showers.
27	66.6	48.1	31.2	31.7	28.9	39.9	17.6	180	100	100	E 2	S 2	4	1	1.20	* 0 showers.
28	37.6	53.0	33.7	35.5	30.9	35.9	19.4	186	100	97	N 6	N 6	6	6	0.30	* 2 showers.
29	71.6	92.4	32.9	33.5	31.2	37.6	17.1	147	91	77	N 4	N 2	10	1	—	* 2 showers.
30	83.5	85.3	36.9	38.4	32.0	41.0	18.7	224	86	97	SW 4	W 2	7	8	2.20	
31	29.761	29.968	34.2	32.2	32.1	44.0	19.6	149	99	81	E 0.5	SW 4	7	7	—	☉ showers a. * showers p.
Means	29.971	29.981	36.8	37.0	31.8	46.7	19.9	202	89.2	90.6	1.8	1.8	5.8	4.6	1.910	

DUNDEE.

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

OCTOBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	53.4	51.2	61.7	ins.	ins.	81	93	W	1	7	10	—	Dull.
2	30.120	29.869	55.4	53.4	51.2	61.7	355	380	81	93	W	1	7	10	—	Cloudy.
3	30.042	29.886	42.4	38.4	36.2	54.7	179	179	66	78	NW	2	10	7	—	Fine.
4	30.07	29.874	44.4	40.4	37.3	50.7	230	213	79	85	NW	4	5	7	—	Cloudy.
5	30.12	29.881	43.4	37.4	35.2	53.7	202	189	72	85	N	1	5	7	—	Cloudy.
6	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	from 6 p.
7	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
8	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
9	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
10	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
11	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
12	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
13	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
14	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
15	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
16	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
17	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
18	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
19	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
20	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
21	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
22	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
23	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
24	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
25	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
26	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
27	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
28	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
29	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
30	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
31	30.17	29.884	43.4	37.4	35.2	53.7	211	202	72	93	NE	6	5	10	300	Cloudy.
Means	29.969	29.964	42.3	40.5	36.8	50.2	220	215	79.8	83.5	2.2	2.6	7.0	8.0	1.400	

GLENALMOND.

Height above Mean Sea Level, 529 feet. Long. 3° 40' W. Lat. 56° 27' N.

OCTOBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	30.143	29.902	54.8	52.4	44.7	63.7	356	353	83	89	W	3	8	6	—	Fine a. Wind rising p.
2	30.041	29.824	41.1	39.1	38.0	52.5	196	185	77	78	NW	5	4	0	—	ga. Mackerel sky a.
3	30.035	29.808	44.4	41.9	36.6	50.7	222	212	76	80	N	7	2	0	—	Bright, with cold wind.
4	30.081	29.803	47.0	35.9	35.2	52.0	214	192	67	91	NNW	2	0	0	—	Bright, with cold wind.
5	30.098	29.803	43.2	42.0	42.0	50.2	213	247	77	93	N	3	1	3	—	Clear a.
6	30.060	29.701	45.2	43.1	41.1	61.4	271	254	90	91	N	1	4	5	—	Fine day.
7	30.056	29.958	45.3	44.1	41.1	52.7	242	243	81	83	NE	3	3	7	007	ga. Mackerel sky.
8	30.084	30.023	45.8	45.0	39.9	54.2	238	239	78	80	NE	3	3	1	—	Fine a. Mild p.
9	30.129	29.958	46.9	41.2	40.3	54.1	236	221	75	86	NE	4	2	0	024	Fine a. Mild p.
10	30.00	29.842	48.1	36.5	36.3	54.3	229	206	69	96	NE	1	1	0	—	Frosty a. Fine.
11	30.052	29.841	40.0	36.0	28.9	56.2	224	212	91	100	Calm	0	1	0	—	Fine a. Mild p.
12	30.048	29.836	37.2	45.0	29.9	49.8	214	204	96	68	Calm	0	10	10	—	Cold a. Mild p.
13	30.00	29.843	47.1	45.0	42.0	56.0	226	233	71	78	WNW	2	10	2	—	Fine day. Mild p.
14	30.050	29.857	53.5	47.2	41.8	57.3	298	286	73	89	W	3	3	10	—	Fine day. Mild p.
15	30.050	29.857	53.5	47.2	41.8	57.3	298	286	73	89	W	3	3	10	—	Fine day. Mild p.
16	30.050	29.857	53.5	47.2	41.8	57.3	298	286	73	89	W	3	3	10	—	Fine day. Mild p.
17	30.049	29.977	49.0	46.0	42.2	54.6	263	240	75	78	SW	1	9	10	002	Dull a.
18	30.053	30.064	49.1	36.0	36.0	54.6	302	172	86	80	Calm	0	10	3	105	ga. p.
19	30.058	30.020	34.9	38.8	23.3	38.8	137	116	68	50	S	1	6	2	—	Frosty a. Fine.
20	30.046	29.888	30.0	35.0	22.9	39.7	098	147	59	71	NW	3	2	5	—	Frosty a. Fine.
21	30.054	29.954	36.7	33.4	30.4	43.2	149	163	69	85	N	3	2	5	—	Fine a. Mild p.
22	30.083	30.029	28.1	35.6	24.0	44.6	132	160	87	76	Calm	0	1	0	—	Frosty a. Mild p.
23	30.116	30.180	33.2	35.0	32.7	48.7	165	132	82	65	N	4	1	6	—	Fine and sunny a. Mild p.
24	30.227	30.206	43.5	39.2	32.0	50.7	198	216	70	90	NW	2	2	8	001	ga. Fine p.
25	30.012	29.741	44.8	36.6	33.5	50.6	253	196	85	91	SW	4	3	2	—	Fine a.
26	30.024	29.666	34.0	33.1	29.9	40.7	127	127	65	67	NE	1	4	0	—	Fine a.
27	30.048	29.443	36.1	36.2	33.1	38.7	160	136	75	63	NE	3	9	6	—	Dull and threatening a. Mild p.
28	30.050	29.503	35.1	35.2	32.1	37.2	173	165	84	80	NNE	2	10	5	113	ga. p.
29	30.071	29.720	35.2	36.3	33.1	42.7	167	155	81	72	N	3	2	1	—	Bright and fine.
30	30.014	29.868	44.9	44.6	29.9	44.9	220	220	86	75	SW	4	3	10	—	Dull a.
31	30.086	29.970	41.6	37.1	36.9	50.7	233	145	89	66	NW	3	3	2	—	Fine a.
Means	29.987	29.987	42.2	40.2	35.3	49.8	215	204	78.2	80.0	2.4	2.6	4.6	4.0	0.257	

OCTOBER 1880.

ROTHESAY.

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

OCTOBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°0	52°0	51°1	60°1	in.	in.	89	89	W	NW	—	—	ins.	Cloudy.
2	30°186	29°966	57°0	52°0	51°1	60°1	417	388	89	89	W	NW	—	—	005	Half clear.
3	30°005	29°995	45°1	39°1	38°1	53°9	223	200	75	84	NNW	NW	—	—	—	Cold.
4	29°911	29°933	45°3	41°1	35°7	55°0	216	216	72	84	NW	NW	—	—	—	Clear and fine.
5	29°864	29°778	45°3	41°1	32°2	49°9	241	216	80	84	N	E	—	—	—	Clear and fine.
6	29°636	29°530	48°0	48°0	39°1	49°9	228	247	68	74	E	W	—	—	—	Cloudy, but fine.
7	29°581	29°722	51°0	47°0	41°1	59°0	259	218	69	68	NE	NE	—	—	—	Half clear, but fine.
8	29°845	29°840	52°0	45°4	42°6	55°5	250	253	65	84	NE	E	—	—	—	Fine.
9	29°972	30°030	50°5	45°4	42°6	57°3	264	260	72	87	NE	NE	—	—	—	Fine.
10	30°139	30°147	51°3	47°0	39°1	59°6	278	268	74	84	ENE	NE	—	—	—	Fine.
11	30°03	30°03	50°5	43°1	37°1	58°3	254	254	70	91	NE	Calm	—	—	—	Clear and fine.
12	30°04	30°04	49°0	41°7	35°2	58°0	291	245	84	93	Calm	Calm	—	—	—	Half clear, but fine.
13	30°04	30°04	49°0	41°7	35°2	58°0	291	245	84	93	Calm	Calm	—	—	—	Fine.
14	30°04	30°04	49°0	41°7	35°2	58°0	291	245	84	93	Calm	Calm	—	—	—	Cloudy and mild.
15	30°04	30°04	49°0	41°7	35°2	58°0	291	245	84	93	Calm	Calm	—	—	—	Cloudy and mild.
16	30°04	30°04	49°0	41°7	35°2	58°0	291	245	84	93	Calm	Calm	—	—	—	Cloudy and mild.
17	30°086	30°071	47°5	45°1	42°1	56°5	321	293	98	97	Calm	Calm	—	—	015	Cloudy and mild.
18	29°904	29°974	50°5	38°1	37°1	55°5	347	191	95	83	NW	NE	—	—	055	Half clear, but fine.
19	30°180	30°011	36°0	32°0	30°2	43°5	163	157	76	87	Calm	NW	—	—	—	showers.
20	29°837	29°847	34°0	32°6	27°2	45°5	131	142	67	76	NNE	N	—	—	—	Cold.
21	30°005	29°943	39°7	35°0	28°7	47°9	160	164	66	80	N	NW	—	—	—	Frosty.
22	29°038	30°002	37°1	38°1	29°7	46°0	174	191	79	83	NE	E	—	—	—	Half clear. Frosty.
23	30°108	30°217	43°1	35°0	32°7	51°2	218	164	78	80	ENE	NW	—	—	—	Clear and fine.
24	30°282	30°231	43°1	45°1	33°2	54°5	237	279	85	93	Calm	W	—	—	130	Cloudy. showers.
25	29°984	29°781	48°0	43°1	42°1	50°9	281	258	85	93	W	W	—	—	050	Cloudy clear. Blowy.
26	29°799	29°668	37°1	35°5	35°2	46°0	164	145	74	69	E	E	—	—	—	Cloudy and blowy.
27	29°630	29°394	37°1	38°1	33°2	40°0	164	156	74	68	E	E	—	—	—	(gale).
28	29°282	29°524	42°1	38°1	36°2	43°0	175	141	66	62	ENE	NW	—	—	—	Clear and fine.
29	29°781	30°018	37°6	30°0	30°0	47°9	153	154	68	92	NW	Calm	—	—	—	(gale), with showers.
30	29°980	29°940	46°1	44°1	30°0	49°9	247	269	79	93	W	W	—	—	215	Half clear, with showers.
31	29°864	30°021	48°0	38°1	37°1	50°5	290	161	87	69	W	NW	—	—	115	
Means	30°005	30°002	45°7	41°8	37°1	52°0	249	229	78°9	83°8	—	—	—	—	0°802	

SCALEBY.

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

OCTOBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
2	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
3	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
4	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
5	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
6	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
7	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
8	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
9	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
10	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
11	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
12	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
13	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
14	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
15	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
16	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
17	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
18	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
19	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
20	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
21	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
22	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
23	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
24	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
25	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
26	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
27	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
28	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
29	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
30	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
31	30.181	29.957	57.8	55.0	48.2	62.0	ins.	ins.	92	98	W 1	W 3	10	10	ins.	
Means	29.955	29.949	42.4	41.0	35.2	51.0	265	256	95.1	97.2	2.1	2.8	6.3	6.2	1.380	

DURHAM.

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

OCTOBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
2	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
3	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
4	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
5	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
6	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
7	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
8	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
9	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
10	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
11	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
12	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
13	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
14	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
15	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
16	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
17	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
18	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
19	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
20	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
21	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
22	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
23	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
24	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
25	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
26	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
27	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
28	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
29	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
30	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
31	30.165	29.892	58.0	55.4	46.4	64.8	ins.	ins.	93	95	WSW 0.2	SW 1.4	9	10	0.050	
Means	29.927	29.924	46.3	41.2	37.1	50.1	265	243	83.9	91.0	1.3	1.3	7.4	5.2	5.906	

DOUGLAS, ISLE OF MAN.

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

OCTOBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
2	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
3	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
4	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
5	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
6	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
7	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
8	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
9	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
10	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
11	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
12	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
13	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
14	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
15	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
16	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
17	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
18	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
19	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
20	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
21	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
22	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
23	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
24	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
25	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
26	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
27	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
28	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
29	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
30	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
31	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.
Means	30.224	30.016	56.7	56.8	46.5	60.7	ins.	ins.	89	89	Calm	W 4	10	6	ins.	2 a. 2.2. (mist) ga. T p.

KELSTERN.

Height above Mean Sea Level, 388 feet. Long. 0° 7' W. Lat. 53° 24' N.

OCTOBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	53.6	52.3	50.8	60.9	ins.	ins.	86	92	WSW 2	WSW 2	10	8	ins.	∞ a.
2	30.786	30.796	54.6	54.1	53.5	55.5	30.786	30.796	90	95	NW 1	NW 2	9	1	0.094	Ugly looking a.
3	30.784	30.782	43.0	40.0	32.6	51.7	30.784	30.782	79	84	WNW 2	NW 2	0	0	—	Very fine day.
4	30.780	30.783	42.0	43.2	34.5	50.0	30.780	30.783	91	94	N 1	S 1	10	10	1.440	☉ ² p.
5	30.770	30.735	45.7	49.9	42.7	50.4	30.770	30.735	95	100	ENE 4	SW 1	10	10	0.610	
6	30.785	30.795	49.6	49.6	46.0	51.4	30.785	30.795	99	89	NNW 1	NE 3	10	10	0.190	☉ (mist) a.
7	30.785	30.800	48.9	48.9	47.0	50.2	30.785	30.800	92	95	NE 4	ENE 3	10	10	0.404	
8	30.787	30.788	51.4	46.2	43.6	54.8	30.787	30.788	88	90	ENE 3	NE 2	10	1	0.153	
9	30.782	30.784	51.0	47.9	45.1	55.5	30.782	30.784	92	91	NE 4	NE 6	8	7	0.020	☉ ² p.
10	30.787	30.793	50.9	45.0	44.9	54.3	30.787	30.793	80	89	ENE 6	NE 1	7	1	0.013	a.
11	30.771	30.770	49.7	44.1	39.5	54.7	30.771	30.770	84	85	NE 1	NE 1	6	1	0.028	
12	30.791	30.798	48.0	46.3	42.0	52.7	30.791	30.798	80	93	NNE 1	NNE 2	9	2	0.057	
13	30.799	30.797	47.1	44.2	41.5	51.9	30.799	30.797	89	86	NW 1	NW 1	9	10	—	
14	30.797	30.790	47.1	48.9	35.9	59.7	30.797	30.790	77	94	NW 1	Calm 0	2	10	—	
15	30.796	30.795	48.6	44.8	43.1	53.4	30.796	30.795	83	92	NW 1	Calm 0	10	10	—	
16	30.797	30.794	48.6	46.9	44.2	53.5	30.797	30.794	89	93	SW 1	Calm 0	9	0	—	
17	30.794	30.795	46.6	46.1	45.3	51.3	30.794	30.795	97	97	SW 1	W 1	10	9	—	☉ all day.
18	30.792	30.796	44.9	49.0	37.8	56.0	30.792	30.796	85	94	W 2	W 3	7	10	0.036	☉ a. and before.
19	30.789	30.792	41.5	31.1	31.1	49.2	30.789	30.792	76	99	NW 2	NW 1	4	2	0.002	☉ a.
20	30.723	30.726	34.1	30.3	27.5	43.8	30.723	30.726	91	89	N 1	NW 3	2	2	0.194	☉ showers.
21	30.789	30.786	38.4	31.2	29.0	47.4	30.789	30.786	89	98	NW 1	NW 1	1	0	0.095	☉ before ga.
22	30.787	30.782	38.1	42.0	29.8	46.4	30.787	30.782	88	84	NNE 1	N 2	3	5	0.033	☉ a.
23	30.793	30.793	39.9	31.8	31.6	48.3	30.793	30.793	87	89	NE 1	Calm 0	8	0	0.002	Squally a.
24	30.784	30.737	38.3	35.9	27.9	47.7	30.784	30.737	75	93	NW 2	NW 2	0	1	—	Very fine day.
25	30.793	30.796	42.2	41.2	33.5	49.5	30.793	30.796	95	82	WSW 2	WSW 4	8	4	—	☉ ga.
26	30.796	30.796	40.0	39.3	38.4	42.4	30.796	30.796	94	99	SW 1	NE 4	10	10	0.774	☉ ² p.
27	30.796	30.796	40.2	46.1	38.8	46.1	30.796	30.796	98	99	ENE 2	ENE 3	10	10	1.640	☉ ² all day.
28	30.797	30.793	43.5	41.6	39.9	50.0	30.797	30.793	96	100	SW 2	N 3	9	10	0.562	
29	30.781	30.784	38.9	34.5	34.4	45.8	30.781	30.784	78	97	NNE 4	NNE 2	6	3	0.038	☉ p.
30	30.771	30.771	34.4	36.0	29.9	45.3	30.771	30.771	83	89	NW 2	W 3	2	0	0.002	
31	30.789	30.791	40.0	44.3	34.0	47.2	30.789	30.791	93	96	WSW 3	W 2	6	5	0.010	
Means	30.793	30.797	44.5	42.4	38.0	50.9	30.793	30.797	88.0	92.2	—	—	6.9	5.5	6.377	

LLANDUDNO.

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

OCTOBER 1880.

1	30°260	30°066	56°2	57°4	54°0	63°3	*384	*406	85	86	NW 0°6	W 2	8	10	*150	Very fine a. Sea ☼ p.		
2	29°960	30°030	51°0	46°0	44°0	58°0	*315	*243	84	79	N 1	NW 4	10	0	*115			
3	°066	29°895	47°0	49°0	43°6	51°8	*253	*244	79	70	NW 2	N 2	8	0	*055	☼ showers n. [the evening.		
4	*801	*639	43°2	48°4	39°0	49°0	*239	*274	86	81	NE 1	SE 7	10	10	*550	☼ (mist) a. ☼ p. ☼ (gale) in		
5	*354	*293	45°8	47°4	43°7	48°6	*275	*307	90	94	E 9	E 9	10	10	*540	Squally all day. ●		
6	*413	*558	50°0	52°4	47°0	53°5	*311	*330	87	84	E 8	E 7	10	10	*050	Squally with ● showers.		
7	*664	*767	51°8	50°4	49°5	52°6	*325	*315	84	86	E 6	E 5	10	10	—	Squally with ☼		
8	*804	29°898	51°0	49°2	49°0	53°1	*322	*293	86	84	E 3	E 1	10	0	*056	☼ a. and p.		
9	29°955	30°066	51°0	50°9	47°7	54°0	*393	*304	81	82	E 4	E 9	9	0	—	Squally a. and p.		
10	30°136	*272	51°2	49°3	48°1	53°1	*319	*294	85	84	E 8	E 3	3	0	—	Squally before ga.		
11	*377	*387	48°4	51°0	44°0	53°5	*266	*309	79	83	E 1	E 6	1	6	—	Very fine day. ☼ ² at night.		
12	*371	*304	47°9	50°7	40°0	52°0	*280	*302	85	82	E 1	E 3	1	9	—	Bright a. Dull p. ☼ ² at night.		
13	*357	*407	49°2	48°0	47°2	51°0	*293	*258	84	77	E 1	E 0°6	10	10	—	Dull with ☼ ² (mist). ☼ ² at night.		
14	*453	*375	50°4	46°0	45°4	55°9	*270	*273	75	80	SW 0°6	W 0°6	10	0	—	Very fine day. ☼ ² at night.		
15	*298	*177	45°3	48°5	40°6	53°4	*244	*260	81	88	SW 0°6	W 0°6	2	10	—	Fine a. Dull p.		
16	*101	*101	49°9	50°0	47°1	53°0	*287	*313	81	87	SW 0°6	SW 0°6	10	10	—	Dull with ☼ ² (mist).		
17	*106	30°126	49°9	48°6	47°7	51°6	*333	*305	91	90	SW 0°6	W 0°6	10	0	—	Dull with ☼		
18	*085	29°980	54°0	51°8	43°8	57°0	*345	*366	82	95	W 1	W 1	0	10	*080	● ⁰ a. Fine p.		
19	30°117	30°007	44°0	35°6	35°0	52°0	*225	*178	77	85	E 1	E 1	0	0	—	Very fine.		
20	29°748	29°754	33°5	35°0	31°0	45°6	*175	*166	82	80	E 0°6	NE 2	10	0	*114	✱ a. and p., ground covered.		
21	*026	*951	43°9	39°0	34°2	46°0	*236	*200	82	85	E 2	NE 2	5	0	—	Very fine, but cold. Snow on the hills.		
22	*844	29°816	38°6	44°0	30°0	45°6	*188	*225	81	77	E 2	E 7	2	10	—	☉. Cold and windy. Snow on hills.		
23	29°937	30°181	45°0	41°4	30°5	47°7	*233	*215	78	83	E 6	E 1	4	0	—	Fine. Snow on hills.		
24	30°298	30°285	46°1	46°6	34°5	51°0	*221	*286	71	91	SW 1	NW 1	5	10	*090	● showers p. Snow still lying on hills.		
25	30°172	29°049	49°0	47°5	46°0	51°6	*275	*259	79	80	W 1	W 2	9	10	—			
26	29°658	*466	45°0	39°9	39°0	48°0	*262	*216	88	88	SW 1	SE 7	10	10	*810	☼ (gale) commenced at 11 a.		
27	29°427	*055	38°5	39°0	35°0	44°5	*214	*221	92	94	SE 8	SE 9	10	10	2.230	☼ ☼ all day. ☼ ² 2.15 p. Squalls.		
28	28°904	*236	42°2	40°1	38°5	44°0	*218	*225	83	91	E 9	E 8	10	10	—	Squally all day. Dull.		
29	29°712	29°986	42°7	42°8	38°5	44°5	*231	*199	84	72	E 7	E 1	10	4	—	Squally a. Storm ceased at 11 a., then		
30	30°113	30°118	44°1	45°2	35°5	47°0	*214	*239	74	80	W 2	W 2	10	9	—	Fine day.		
31	30°067	30°046	47°2	48°9	43°5	51°0	*268	*298	84	87	W 2	W 3	10	10	*170			
Means	29°947	29°942	46°9	46°5	41°7	51°1	*268	*270	82.9	84.3	—	—	3°0	3°5	7°3	6°1	5°010	

BUXTON.

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

OCTOBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	52.3	48.9	59.6	ins.	ins.	82	88	NW 1	NW 2	8	9	ins.	
2	30.786	30.785	49.9	56.6	53.4	53.4	30.786	30.785	89	80	NW 1	NW 1	10	0	0.030	
3	30.790	30.790	41.9	36.9	32.6	50.6	30.790	30.790	78	93	NW 3	Calm 0	6	0	—	
4	30.780	30.780	40.1	35.2	45.1	19.8	30.780	30.780	84	97	Calm 0	SE 1	6	10	1.320	☼ ga. and before. ☼ ² p.
5	30.784	30.784	40.1	43.9	39.5	44.1	30.784	30.784	98	92	SSE 5	SE 3	10	10	0.230	☼ p.
6	30.787	30.787	47.2	46.2	39.4	49.6	30.787	30.787	93	92	E 2	E 3	7	10	0.050	☼ a.
7	30.783	30.783	46.6	45.4	39.8	49.5	30.783	30.783	85	96	E 4	E 1	10	10	0.010	☼ a.
8	30.786	30.786	47.2	42.9	39.9	53.0	30.786	30.786	97	97	ESE 1	E 2	10	10	0.010	
9	30.7912	30.7912	46.0	45.3	39.3	49.6	30.7912	30.7912	89	86	E 4	ENE 5	6	7	—	☼ p. Mild.
10	30.7118	30.7118	40.1	46.6	43.8	51.1	30.7118	30.7118	88	93	ESE 5	ESE 2	9	3	—	☼ a. Mild.
11	30.784	30.784	41.5	41.5	37.8	51.7	30.784	30.784	75	93	SE 3	NE 2	5	1	—	
12	30.785	30.785	44.6	43.6	29.2	50.3	30.785	30.785	92	92	E 1	E 1	8	8	0.025	
13	30.770	30.770	45.2	41.4	37.5	47.8	30.770	30.770	82	88	NE 1	NE 1	9	8	—	
14	30.712	30.712	40.7	49.6	46.3	55.6	30.712	30.712	95	89	NW 1	NW 1	6	9	—	
15	30.730	30.730	44.4	45.6	44.7	41.9	30.730	30.730	87	87	Calm 0	NE 1	4	10	—	☼ (mist) a. and p.
16	30.754	30.754	44.9	44.6	41.9	51.6	30.754	30.754	89	94	Calm 0	W 1	10	10	—	☼ a. and p.
17	30.740	30.740	46.2	45.1	43.8	52.8	30.740	30.740	93	91	NW 1	W 1	10	8	0.010	☼ (mist) before ga.
18	30.790	30.790	46.2	46.9	40.5	53.7	30.790	30.790	92	98	NW 2	NW 2	8	8	0.100	☼ late p.
19	30.738	30.738	38.2	27.1	26.4	48.1	30.738	30.738	79	92	ENE 1	NW 1	6	0	—	☼ p.
20	30.794	30.794	37.3	28.6	18.4	40.1	30.794	30.794	94	95	ENE 1	NW 2	0	1	—	☼ a. Very red sky.
21	30.866	30.866	37.7	35.1	24.8	46.5	30.866	30.866	83	91	N 1	NW 1	2	0	—	☼ a.
22	30.883	30.883	34.6	36.1	19.4	41.1	30.883	30.883	90	94	ESE 2	ESE 2	7	3	0.035	☼ Mackerel sky.
23	30.795	30.795	38.9	36.7	25.8	44.1	30.795	30.795	82	85	E 1	ENE 2	8	3	0.020	☼ p.
24	30.796	30.796	38.9	33.9	19.9	47.4	30.796	30.796	80	90	NNW 2	Calm 0	5	2	0.050	☼ a.
25	30.713	30.713	41.5	41.6	33.8	44.8	30.713	30.713	91	93	NW 3	NW 4	8	10	0.090	☼ p.
26	30.713	30.713	43.7	33.7	33.0	43.7	30.713	30.713	97	98	W 1	NE 3	10	10	0.700	☼ of the trees leafless.
27	30.750	30.750	33.5	34.6	31.8	35.0	30.750	30.750	95	96	ESE 4	ENE 4	10	10	2.380	☼ (mist) ga. ☼ a. a. and p.
28	30.789	30.789	35.4	35.3	33.8	44.5	30.789	30.789	93	88	NE 3	NE 6	10	10	0.300	☼ a. a. a. a. a. a. a.
29	30.733	30.733	34.2	34.4	32.0	41.4	30.733	30.733	89	85	NNE 2	NW 3	8	0	—	☼ a. Clear and frosty night.
30	30.727	30.727	36.4	37.6	25.0	42.7	30.727	30.727	77	81	NW 2	WNW 3	5	5	0.030	☼ p.
31	30.728	30.728	39.5	45.1	36.3	44.8	30.728	30.728	91	96	NW 4	W 4	9	3	0.150	☼ a. and p.
Means	30.7954	30.7957	42.2	39.6	34.0	48.0	30.7954	30.7957	86.5	91.2	2.0	2.1	7.4	5.7	5.980	

UPPINGHAM.

Height above Mean Sea Level, 484 feet. Long. $0^{\circ} 44' W.$ Lat. $52^{\circ} 35' N.$



































OCTOBER 1880.

[illegible]

OSCOTT.

Height above Mean Sea Level, 460 feet. Long. $1^{\circ} 51' W.$ Lat. $52^{\circ} 33' N.$

OCTOBER 1880.

1	30°269	30°080	54°1	52°8	52°1	64°1	'365	'353	87	88	W	0-1	WSW 2	10	1	'010	 a. and p.	
2	29°900	29°990	55°0	38°0	38°0	56°2	'406	'190	94	83	SW	3	NW 1	10	0	'100	 shows 10a.—4p.	
3	'950	'903	44°0	39°9	35°2	52°0	'238	'225	82	92	W	4	WNW 1	2	0	—	8a.	
4	'801	'630	40°0	41°6	35°1	47°1	'217	'252	88	96	ENE	2	NNE 2	10	10	1°270	 9a.	
5	'243	'279	44°4	46°5	40°8	47°2	'385	'318	98	100	NNE	6	NNE 3	10	10	'320	 (mist) 9p.	
6	'381	'501	48°9	48°0	46°2	50°6	'323	'317	94	95	N	1-2	NNE 4	9	10	'500	 from 11a.	
7	'621	'735	48°6	48°8	49°7		'320	'315	94	91	NE	4	NE 4	10	10	'070	Dull all day.	
8	'786	'865	50°0	46°0	46°0	56°1	'350	'276	97	90	ENE	3	NE 2	10	3	'100	 2p.—5p., then fair.	
9	29°842	29°937	48°2	47°9	41°8	53°7	'332	'282	99	86	NNE	4-5	NNE 6	10	4	—	 (gale) p.	
10	30°035	30°253	49°6	46°6	46°2	53°2	'206	'294	83	93	NNE	7	NNE 4	9	1	—		
11	'357	'355	47°2	43°4	42°3	54°7	'266	'253	83	90	NNE	3	NNE 2	1	1	—	 9a.	
12	'313	'257	45°0	46°3	39°9	51°8	'243	'268	82	94	NNE	2	NNE 2	10	7	—	 9a.  9a.—9p.	
13	'338	'388	45°5	45°7	38°9	51°1	'266	'277	88	91	NNE	2	Calm	0	9	10	—	 9a. Dull p.  9p.
14	'421	'383	46°9	43°1	40°6	51°5	'234	'252	74	90	NNW	1	Calm	0	0	1	—	before 9a.  9a. Day fine.
15	'321	'215	41°2	44°5	32°0	46°7	'235	'271	92	93	S	1	Calm	0	9	—	 9a.  9a.—9p.	
16	'121	'102	47°2	49°0	43°3	55°4	'280	'325	87	94	ENE	1	Calm	0	9	10	—	a. and 9p.
17	'119	30°123	46°9	48°6	46°2	51°1	'312	'325	98	95	SSW	0-1	Calm	0	10	—	 all day.	
18	'093	29°972	45°1	46°4	40°7	58°5	'286	'273	95	87	WSW	0-1	WSW 4	6	4	'090	 a. Day fine.	
19	30°117	'091	40°0	34°0	33°5	46°9	'217	'131	88	67	NNE	1	ENE 1	10	1	—	 9a.	
20	29°738	'721	31°4	31°4	26°7	46°8	'138	'167	77	95	NNE	2-3	WNW 2	0	1	—	 * 4.45p.—5.15p.	
21	'870	'048	35°4	33°8	28°1	45°8	'152	'176	73	90	NNW	2	NNE 1	9	1	—	 9a. and 9p. Day fine.	
22	'828	29°716	34°0	39°9	30°6	44°8	'176	'214	89	87	NNE	3	NNE 5	10	9	'020		
23	29°894	30°159	39°8	34°0	34°0	48°1	'176	'174	72	88	NNE	4	NNE 2	8	1	—		
24	30°293	30°276	35°8	37°9	26°0	51°4	'188	'211	89	93	WNW	0-1	WNW 0-1	2	0	—	 9a.  a. Fine p.	
25	30°190	29°978	42°0	43°0	36°1	49°1	'247	'226	93	82	WSW	2	SW 2	9	10	'030	 (mist) 9a.	
26	29°701	'430	40°7	35°0	35°0	44°0	'241	'204	95	100	S	1	ENE 2	10	10	'970	 9a.  2 a.—9p.	
27	29°430	'067	39°2	39°0	35°0	42°9	'237	'238	99	100	ENE	5	NNE 5	10	10	1340	 all day.	
28	'8803	'003	43°7	35°0	35°0	46°9	'271	'200	95	98	SE	0-1	NW 5	9	10	'640	 2 6p.—9p.	
29	29°605	29°993	36°0	34°0	32°9	42°4	'193	'176	91	89	NNW	4	NW 2	10	0	—	 *  n. Morning fine, aft. dull.	
30	30°131	30°132	33°0	33°0	29°3	46°0	'167	'161	89	86	WSW	2	WSW 2	9	0	—	  a.  9p.	
31	30°090	30°031	41°1	44°6	32°3	50°1	'220	'254	85	86	SW	2	WSW 3	0	9	—	 (mist) a.  middle day.	
Means	29°922	29°917	43°2	41°8	37°6	50°2	'254	'245	88°7	90°6	2°5		2°2	7°8	5°3	5°460		

CHURCHSTOKE.

Height above Mean Sea Level, 548 feet. Long. $3^{\circ} 5' W.$ Lat. $52^{\circ} 31' N.$

OCTOBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°	54°	51°	55°	in.	in.	%	%	ENE 0°	NW 1	9	2	ins.	☁ (mist) ☁ a.
2	30°28	30°10	56°	56°	53°	58°	377	361	90	84	WNW 2	NW 2	10	0	336	☁ 2 10a.-2p. ☁ Cleared at 5p. Cold [night.
3	29°50	30°04	56°	56°	53°	58°	377	361	90	84	W 1	NW 1	1	5	040	☁ a. ☁ showers.
4	29°44	29°56	56°	56°	53°	58°	377	361	90	84	WNW 0°	NE 1	9	10	763	Dull day.
5	29°28	29°40	56°	56°	53°	58°	377	361	90	84	ENE 2	Calms	0	10	142	☁ (mist) 9p.
6	29°28	29°40	56°	56°	53°	58°	377	361	90	84	E 5	ESE 1	10	10	362	☁ a. ☁ p.
7	29°28	29°40	56°	56°	53°	58°	377	361	90	84	E 1	E 1	10	10	197	☁ a.
8	29°28	29°40	56°	56°	53°	58°	377	361	90	84	ENE 1	SE 0°	10	2	102	☁ a.
9	29°06	29°97	44°	46°	37°	50°	265	257	92	84	ENE 2	NNE 3	10	10	—	☁
10	30°08	30°20	45°	44°	42°	51°	268	278	89	82	NNE 5	NNE 2	9	4	—	☁
11	37°0	36°9	45°	44°	41°	53°	266	261	89	90	NNW 1	NNE 1	6	2	—	☁ Bright, but cold.
12	36°1	28°9	42°	44°	37°	50°	231	265	87	92	NNW 2	NNW 2	8	8	—	☁ on the hills.
13	36°5	34°	41°	43°	35°	49°	258	252	98	88	W 1	Calms	0	10	—	☁ 2. ☁ in the valley. [(mist) 9p.
14	43°	38°6	45°	37°	36°	54°	248	207	82	91	Calms	Calms	0	8	—	☁ a. Dull and mild. Bright p. ☁
15	31°	20°	40°	43°	31°	45°	238	252	96	88	NE 1	SSE 1	0	10	—	☁ (mist) all day.
16	137	104	44°	46°	41°	52°	277	274	96	86	Calms	Calms	0	10	—	☁ (mist) a.
17	129	135	45°	46°	44°	52°	288	299	94	94	ESE 1	SSW 1	10	10	—	☁ (mist) p.
18	122	006	42°	48°	32°	57°	260	280	98	83	SSW 1	WSW 2	2	2	—	☁ Bright day.
19	30°13	30°00	39°	31°	30°	50°	210	164	86	95	E 2	SE 0°	9	7	—	☁ a. ☁ p.
20	29°72	29°76	26°	33°	22°	34°	129	172	92	88	Calms	SE 1	0	1	—	☁
21	908	950	33°	32°	26°	43°	151	157	80	86	W 1	NNE 1	1	0	—	☁
22	839	29°78	30°	36°	28°	42°	151	202	91	83	W 1	NE 3	8	8	—	☁ (mist) a.
23	29°918	30°157	39°	32°	31°	45°	179	164	75	87	E 2	ESE 0°	2	0	—	☁
24	30°356	30°318	31°	39°	30°	48°	143	209	81	86	ESE 0°	Calms	0	9	—	☁ a. ∞ to E.
25	30°213	29°903	42°	43°	32°	48°	244	219	89	79	W 1	NNW 3	3	3	080	☁ Threatening from E. [2p.
26	29°700	437	40°	33°	32°	44°	228	186	93	79	SE 0°	Calms	0	10	1460	☁ early a. Steady * all day from
27	29°438	041	35°	37°	32°	39°	203	220	97	99	E 0°	SSW 0°	10	10	1842	* n. Ground white and sloppy a. [Snow 10' deep on hills [500 ft. high. ☁ all day.
28	28°840	29°169	39°	37°	35°	43°	234	190	97	86	NW 1	NW 3	10	10	191	☁ a. Heavy floods in valley; 3 feet of [water in some of the cottages.
29	29°675	30°014	37°	32°	31°	42°	189	160	83	88	N 2	NW 1	9	3	—	☁
30	30°170	169	38°	34°	24°	47°	146	167	75	82	NW 1	NW 1	4	4	—	☁ Bright and sunny.
31	30°111	148	46°	37°	31°	50°	236	201	79	82	WSW 2	NW 1	3	10	—	☁
Means	29°950	29°940	41°	41°	35°	48°	240	234	89°	88°	1°	1°	6°	6°	5°	5°

GELDESTON (BECCLES).

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

OCTOBER 1880.

1	30°28.3	30°07.0	54°0	48°0	47°5	58°6	'360	'312	86	94	WSW 1	Calm	0	10	0	—	2° ga. 2° gp.
2	29°88.2	29°87.2	55°1	41°9	41°6	57°7	'391	'226	90	86	W 2	W	3	10	0	'230	2° ga.
3	'88.4	'83.5	42°0	39°1	33°2	52°1	'212	'215	80	90	W 3	WSW 2	0	0	0	—	2° ga. 2° gp.
4	'81.5	'65.7	43°1	44°5	34°5	53°2	'256	'283	92	97	W 1	NE 1	10	10	10	'480	2° ga. Double 0, coloured, ga.-100. 2° 4p. Wind rising 11p. n. and a. Wind changed to [SSW. 8a. Squally.
5	'320	'280	57°8	60°1	44°0	63°6	'403	'422	96	81	S 3	SW 5	0	1	0	'090	n. and a. Wind changed to [SSW. 8a. Squally.
6	'388	'436	50°7	51°9	49°8	60°1	'348	'376	94	98	SW 1	N?	1	10	10	'810	n. and a. Wind changed to [SSW. 8a. Squally.
7	'571	'732	55°0	54°0	51°5	55°6	'427	'397	99	95	N 2	E	4	10	8	'190	n. and a. Wind changed to [SSW. 8a. Squally.
8	'759	'808	53°6	49°8	49°6	54°6	'361	'339	88	95	E 2	Calm	0	10	0	'260	n. and a. Wind changed to [SSW. 8a. Squally.
9	29°767	29°834	56°6	54°4	42°1	57°5	'432	'329	94	77	NE 1	ENE 7	9	10	10	'080	n. and a. Wind changed to [SSW. 8a. Squally.
10	30°002	30°221	52°8	51°0	50°3	54°4	'316	'318	70	85	E 5	NE 2	2	10	1	'040	n. and a. Wind changed to [SSW. 8a. Squally.
11	'298	'295	52°0	49°0	47°7	57°1	'320	'237	82	68	NNE 3	NE 2	10	10	6	'040	n. and a. Wind changed to [SSW. 8a. Squally.
12	'160	'156	51°0	49°1	47°0	51°4	'261	'316	70	91	NE 4	NNE 1	9	10	10	'060	n. and a. Wind changed to [SSW. 8a. Squally.
13	'230	'329	51°0	49°0	46°6	58°6	'297	'315	79	91	N 2	NW 1	1	10	10	'050	n. and a. Wind changed to [SSW. 8a. Squally.
14	'381	'361	48°1	45°5	44°7	50°9	'233	'275	69	91	WNW 2	WNW 2	1	9	—	—	n. and a. Wind changed to [SSW. 8a. Squally.
15	'322	'215	49°2	50°2	45°1	55°9	'296	'354	85	98	Calm	0	NNE 1	10	10	—	n. and a. Wind changed to [SSW. 8a. Squally.
16	'088	'077	50°1	50°3	47°8	54°9	'338	'329	93	90	NNE 1	NNE 1	10	10	10	—	n. and a. Wind changed to [SSW. 8a. Squally.
17	'106	30°097	50°0	49°4	46°6	58°7	'312	'330	87	94	WNW 1	WNW 1	10	10	10	—	n. and a. Wind changed to [SSW. 8a. Squally.
18	'053	29°918	47°4	50°1	44°0	58°0	'301	'285	92	79	W 2	WSW 4	2	0	0	'020	n. and a. Wind changed to [SSW. 8a. Squally.
19	30°059	'064	47°9	49°1	39°9	53°6	'233	'214	70	86	N 3	N 1	8	9	0	'020	n. and a. Wind changed to [SSW. 8a. Squally.
20	29°684	'538	38°4	37°8	37°1	41°7	'202	'202	88	90	NNE 2	NW 4	10	8	—	'440	n. and a. Wind changed to [SSW. 8a. Squally.
21	'708	'894	44°0	35°2	31°9	48°6	'246	'281	85	88	NNE 3	N 1	8	1	0	'020	n. and a. Wind changed to [SSW. 8a. Squally.
22	'819	29°728	43°3	45°9	33°8	46°8	'229	'212	81	68	ENE 1	ENE 5	10	10	10	'040	n. and a. Wind changed to [SSW. 8a. Squally.
23	29°861	30°083	45°0	42°9	41°7	45°9	'192	'192	64	71	ENE 5	N 2	9	10	—	—	n. and a. Wind changed to [SSW. 8a. Squally.

CHELTENHAM.

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

OCTOBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.		Tension 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.	9 a.m.	9 p.m.		
1	ins.	ins.	55°	53°	49°	54°	ins.	ins.	W	1	10	0	ins.	Very fine and bright.
2	29° 933	30° 030	57°	57°	50°	59°	399	208	S	1	10	0	190	1 p.—5 p.
3	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	Many plants killed by frost. Fine
4	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	Very dull and cold. 2 p. day.
5	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	2 all past n. Flood. Very dull.
6	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	all p.
7	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
8	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
9	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
10	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
11	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
12	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
13	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
14	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
15	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
16	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
17	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
18	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
19	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
20	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
21	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
22	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
23	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
24	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
25	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
26	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
27	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
28	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
29	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
30	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
31	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	
Means	29° 919	30° 016	57°	57°	50°	59°	399	208	S	1	10	0	190	

CARMARTHEN.

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

OCTOBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.		Tension 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.	9 a.m.	9 p.m.		
1	30° 256	30° 101	55°	53°	45°	60°	400	389	E	1	10	0	—	
2	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
3	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
4	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
5	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
6	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
7	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
8	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
9	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
10	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
11	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
12	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
13	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
14	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
15	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
16	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
17	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
18	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
19	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
20	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
21	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
22	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
23	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
24	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
25	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
26	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
27	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
28	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
29	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
30	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
31	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	
Means	29° 966	30° 073	58°	58°	50°	58°	444	226	W	3	10	0	030	

MARLBOROUGH.

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

OCTOBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°	67°	ins.	ins.	%	%	Calm	0	Calm	0	9	0	ins.	☁ (mist) early a. Very fine day.
2	30° 301	30° 120	55° 6	54° 0	45° 0	67° 2	390	240	77	96	Calm	0	Calm	0	9	0	ins.	☁ (mist) early a. Very fine day.
3	29° 976	30° 016	56° 5	55° 1	41° 0	63° 7	346	231	86	90	W	1	W	1	9	1	160	☁ Fine a. ● p.
4	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	NW	1	Calm	0	2	4	—	☁ Very fine day. ☐ p.
5	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
6	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
7	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
8	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
9	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
10	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
11	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
12	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
13	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
14	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
15	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
16	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
17	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
18	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
19	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
20	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
21	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
22	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
23	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
24	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
25	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
26	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
27	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
28	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
29	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
30	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
31	29° 980	30° 034	47° 7	40° 0	32° 7	56° 0	222	226	68	92	SE	1	NE	1	10	10	1210	☁ Very cold. ● ●
Means	29° 900	29° 906	44° 7	42° 6	37° 7	53° 0	270	255	88° 6	90° 7	1° 1	0° 6	7° 3	5° 3	5° 300			

RAMSGATE.

Height above Mean Sea Level, 105 feet. Long. 1° 25' E. Lat. 51° 20' N.

OCTOBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	58.4	53.2	51.5	63.8	in.	in.	80	99	Calm	0	10	0	ins.			
2	29.961	29.919	58.2	47.0	46.8	64.1	.415	.318	85	99	S	1	3	10	—	Squalls p.		
3	30.007	.900	47.1	41.8	36.3	54.8	.287	.258	89	98	W	3	1	1	.460			
4	29.817	.584	50.0	47.8	39.9	51.0	.286	.312	80	94	Calm	0	6	10	.340			
5	.275	.371	62.5	62.0	41.8	66.1	.529	.528	94	95	S	4	8	10	.120			
6	.372	.411	61.0	59.3	48.7	63.0	.520	.505	97	100	SW	4	Calm	0	.090			
7	.594	.739	57.2	53.2	52.5	63.9	.462	.403	99	99	Calm	0	SW	1	10	1.330		
8	.726	.794	54.5	55.1	52.2	62.0	.422	.399	99	91	Calm	0	Calm	0	.010			
9	.694	29.722	57.1	56.8	53.0	57.1	.446	.456	95	98	Calm	0	SW	4	10	1.950		
10	29.903	30.204	57.2	54.0	54.0	64.2	.437	.388	93	93	NE	3	NE	3	5	.230	Squally p.	
11	30.291	.255	55.0	51.8	51.4	60.5	.377	.316	88	82	NE	1	NE	1	9	.340		
12	.095	.123	49.9	49.1	47.3	53.5	.357	.344	99	98	NE	4	NE	1	10	.460		
13	.266	.342	53.0	51.2	49.1	54.5	.366	.358	91	96	NE	4	NE	2	10	.070		
14	.400	.404	53.5	44.0	43.5	54.9	.267	.254	66	88	Calm	0	NE	1	10	—		
15	.311	.193	51.5	54.0	43.5	54.5	.352	.364	93	87	Calm	0	S	1	10	—		
16	.081	.093	53.0	52.3	41.2	55.6	.335	.365	83	93	Calm	0	Calm	0	10	.040		
17	.109	.141	51.8	49.9	47.2	55.8	.374	.357	97	99	Calm	0	Calm	0	10	—		
18	.110	30.000	50.0	47.5	47.1	57.7	.327	.322	91	98	S	1	S	2	10	—		
19	30.052	29.998	48.1	44.1	43.2	49.5	.321	.264	96	91	NE	2	NE	1	10	.950		
20	29.617	.591	42.0	39.9	39.1	44.1	.267	.238	100	97	NE	2	NE	2	10	.480		
21	.777	.863	38.2	46.5	33.1	49.0	.229	.221	99	71	NE	3	NE	2	10	.110		
22	.695	29.613	45.2	45.2	43.2	47.1	.252	.250	84	93	E	4	E	6	10	—	Squally a. and p	
23	29.750	30.068	43.0	42.5	42.5	46.0	.266	.198	96	74	NE	6	NE	6	10	.020	Squally a.	
24	30.265	.251	41.5	35.0	35.0	49.8	.242	.204	93	100	W	1	W	1	2	8	—	
25	30.218	30.037	46.2	44.5	32.5	49.2	.273	.286	89	98	W	2	S	1	7	10	—	
26	29.768	29.352	42.5	44.0	39.9	45.5	.272	.288	100	100	S	1	S	4	10	1.300		
27	29.354	.207	48.2	56.2	42.1	57.5	.333	.446	99	99	Calm	0	SW	5	10	.900		
28	28.982	.004	50.2	47.1	41.7	58.5	.358	.317	99	98	SW	7	SW	6	10	.440	Squally a.	
29	30.398	29.895	59.5	40.0	37.7	48.2	.242	.236	100	96	NW	4	NW	2	10	.060		
30	30.115	30.267	40.0	36.0	34.5	47.2	.197	.192	80	91	NW	2	W	1	0	—		
31	30.167	30.045	42.5	41.8	32.8	50.2	.239	.247	88	94	NE	2	NE	3	10	10	—	
Means	29.886	29.888	49.9	48.2	43.4	54.8	.338	.325	91.9	93.8	2.0	2.4	8.5	7.3	9.700			

SOUTHAMPTON.

Height above Mean Sea Level, 74 feet. Long. 1° 24' W. Lat. 50° 55' N.

OCTOBER 1880.

1	30°307	30°176	56°1	54°8	47°3	66°4	.410	.412	90	95	Calm	0	W	1	9	0	—	ga. and op.
2	.003	30°020	58°1	46°2	46°0	66°2	.406	.261	83	84	W	3	N	4	4	10	.056	ga. and op. 4.30 p.—5 p.
3	30°012	29°949	46°6	43°9	34°3	56°4	.231	.252	73	87	NW	2	WNW	1	1	0	—	ga.
4	29°774	.495	45°5	44°4	40°5	46°7	.233	.269	77	92	NW	3	NE	5	10	10	.423	ga. 9 p.
5	.254	.352	61°7	54°6	44°0	63°4	.490	.342	89	80	SW	6	S	1	10	2	.173	ga. 9 a.
6	.364	.385	50°6	51°0	49°9	55°0	.354	.346	97	92	NE	1	NE	5	10	10	.115	ga. 9 p.
7	.577	.687	58°7	55°6	50°5	65°9	.426	.417	87	94	NE	1	ENE	2	1	0	.055	ga.
8	.742	.792	53°6	51°8	49°9	56°9	.378	.356	92	92	ENE	3	NE	4	9	10	.340	ga.
9	.695	29°697	50°3	51°6	47°1	55°6	.329	.343	90	90	NE	5	NE	7	10	10	.255	ga. 3 a.—5 a. 9 a. and op. 9 p.—11.30 p.
10	29°873	30°176	54°8	51°1	50°4	57°4	.399	.345	92	91	NE	4	E	4	10	10	—	ga. and op.
11	30°291	.267	53°8	47°5	47°0	57°9	.289	.278	70	86	NE	3	NE	3	7	0	—	ga. and op.
12	.175	.198	50°6	44°6	41°2	54°6	.270	.270	73	92	NE	5	NNE	4	1	0	.005	ga.
13	.305	.394	51°6	46°3	43°6	57°2	.302	.281	78	90	NE	4	NNE	1	0	4	—	ga.
14	.437	.397	48°6	48°4	40°5	56°1	.285	.286	83	84	NNE	1	Calm	0	9	10	—	ga.
15	.323	.213	49°2	48°8	47°0	56°0	.274	.318	78	92	ENE	1	NE	1	10	10	—	ga.
16	.105	.113	51°6	49°6	46°0	58°4	.335	.317	88	90	NE	2	NE	1	8	9	—	ga.
17	.135	.164	50°6	48°8	47°9	55°7	.326	.327	88	95	NNE	2	SSW	1	10	9	—	ga. and op.
18	.133	30°070	50°0	45°2	44°3	57°2	.312	.290	87	97	W	1	W	2	9	0	—	ga. and op.
19	30°090	29°966	45°9	42°6	39°5	48°4	.266	.260	87	95	NE	3	NE	2	10	10	.638	ga.
20	29°685	.709	33°0	33°6	32°3	44°6	.188	.160	100	83	NE	2	NW	2	10	9	.035	ga. 0 till 3 a. then * 2 till 10.30 a.
21	.885	.884	35°0	41°9	28°3	45°6	.159	.208	78	79	N	1.5	NE	3	1	10	.089	ga.
22	.749	29°635	39°7	41°4	37°8	44°9	.224	.231	92	89	ENE	2	E	4	10	10	.673	ga.
23	29°757	30°123	41°5	36°8	36°3	45°4	.248	.176	95	81	E	5	NE	2	10	1	.043	ga. n. 9 a.
24	30°294	.333	38°1	34°0	29°3	50°4	.181	.176	79	89	NE	3	NNW	2	0	0	—	ga.
25	30°280	30°084	35°5	39°9	30°2	52°4	.197	.227	95	93	WSW	1	SW	1	8	0	.348	ga. 9 a. 9 p.
26	29°744	29°351	38°9	44°4	38°0	44°9	.229	.288	97	99	NE	1	NE	2	10	10	.912	ga. 9 a.—3.30 p. 9 p.
27	29°412	.117	47°1	57°0	42°0	59°4	.312	.431	96	92	ENE	1	W	5	10	10	.398	ga. 9 p.
28	28°808	.078	52°6	38°9	38°2	57°6	.337	.219	85	93	SW	8	NW	4	10	8	.035	ga. all past n. T 1 a. 9 a.
29	29°620	29°998	40°9	36°7	35°8	47°6	.198	.191	78	88	NW	4	NW	2	4	0	—	ga. on grass op.
30	30°190	30°213	35°0	34°7	28°8	49°2	.164	.184	80	91	NW	2	NW	1	0	1	—	ga. on grass op.
31	30°197	30°165	40°4	42°8	30°3	51°7	.214	.243	86	88	W	1	NW	3	0	0	.004	ga. on grass op.
Means	29°910	29°910	47°3	45°4	40°8	54°4	.289	.281	85°9	89°8	2°6	2°6	6°8	5°6	4°597			

ST. LEONARDS.

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

OCTOBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	55.6	52.9	65.5	in.	in.	83	95	NNE 1	W 2	5	1	ins.	Cloudy a. Fine p. [through S. to W. 9 p. Wind veered
2	30.974	30.915	58.1	47.1	47.1	63.4	.409	.292	84	91	W 1	NW 2	4	10	.105	a. 9 p. from 5 p.
3	.972	.912	44.6	45.2	34.4	54.4	.241	.243	82	81	WNW 2	NW 2	1	1	—	
4	.789	.527	46.3	47.6	42.5	50.9	.256	.300	82	92	NNE 3	E 5	10	10	.691	Constant (gale) in past n. showers.
5	.352	.361	62.6	59.6	47.4	64.0	.502	.482	88	94	SSW 6	WSW 3	5	9	.033	at night.
6	.364	.365	63.2	62.5	57.0	66.2	.523	.520	91	92	S 3	E 1	8	2	.030	at night.
7	.585	.698	58.2	59.0	54.4	64.4	.439	.427	90	86	Calm 0	E 2	7	3	.060	at night.
8	.718	.750	55.2	54.0	52.6	60.9	.413	.377	95	90	ENE 2	E 2	9	9	.570	at night.
9	.647	29.605	54.2	57.1	52.4	57.1	.394	.439	94	93	E 4	ESE 6	10	10	1.526	Constant 9 p. till 9.30 a.
10	29.884	30.147	55.4	52.2	52.0	58.8	.363	.377	83	97	ESE 3	E 3	10	3	.011	Cloudy till 6 p. 9 p. after 10.30 p.
11	30.238	.213	57.9	46.9	46.9	59.9	.343	.272	71	86	ENE 3	ENE 3	2	8	.490	showers till 4 p.
12	.108	.115	47.3	45.7	44.8	51.4	.309	.391	95	95	N 2	ENE 2	10	9	.725	showers till 11.30 a., then 2 showers.
13	.207	.341	50.4	49.7	45.3	56.2	.318	.323	88	91	NNE 4	N 3	9	9	—	
14	.409	.385	49.4	46.2	46.2	57.0	.293	.257	84	83	NW 1	NNE 1	9	4	—	
15	.308	.176	53.8	50.7	44.0	56.8	.335	.305	80	83	ENE 1	NE 2	6	10	—	
16	.069	.057	50.7	49.4	48.8	56.4	.334	.312	90	90	NE 2	NNE 2	10	9	—	or ∞ a. U p. Overcast all day.
17	.100	.128	50.6	51.6	48.9	53.2	.330	.335	90	88	NNE 2	NNW 2	9	10	—	Overcast all day, with 9
18	.101	30.025	50.6	47.9	47.9	58.2	.308	.315	83	95	WNW 1	WNW 2	10	10	.012	till 10.30 a. at night.
19	30.049	29.932	46.2	42.7	42.7	47.9	.278	.266	90	96	NNE 3	NNE 2	10	10	.692	Constant a.
20	29.605	.623	35.7	36.6	33.3	42.7	.203	.197	98	91	NNE 4	NNW 4	10	8	.723	till 9.30 a. till 0.30 p. till 3 p. [Bar. 29.498, 3 p. Large U at night.
21	.803	.853	36.8	42.1	31.3	45.7	.181	.211	83	79	NW 3	N 3	1	10	.030	at times, p. reaching gale force
22	.710	29.595	43.8	42.9	41.1	46.4	.211	.244	73	88	E 5	E 6	10	10	.350	Constant 9 p. , reaching gale force
23	29.733	30.058	41.6	38.6	38.6	43.9	.252	.187	96	80	ENE 4	ENE 3	10	6	.034	0 till 2 p.
24	30.207	.277	42.8	39.3	34.8	49.9	.260	.182	75	76	N 2	NNW 2	0	0	—	at times, p. [10 a.—3 p.
25	30.248	30.057	42.5	37.4	36.9	51.0	.220	.243	81	86	NW 2	NW 1	7	3	.116	Wind backed to WSW, by Noon, veered again at sundown.
26	29.771	29.343	41.6	45.8	41.0	48.7	.233	.305	90	99	SSE 2	E 1	10	10	1.273	Constant 9 p. Temp. 52.7 10.30 p. [then 2 showers
27	29.422	.208	52.5	50.9	45.8	57.5	.387	.406	97	88	Calm 0	S 5	7	10	.179	Temp. rose to 56.1 n. [till 3 p. (gale) after 10 p.
28	28.958	.010	51.6	49.6	42.2	58.6	.325	.268	85	75	SSW 9	SW 6	10	7	.420	2 (gale) n. and till 6 p., doing much damage. Bar. 28.899 [10.20 a., then rose till 6 p.
29	29.480	29.927	38.0	38.2	37.7	49.6	.206	.204	90	89	NW 4	NW 2	10	0	—	at times, p. [till 8 a. Fine day.
30	30.137	30.112	37.5	38.8	34.0	48.7	.197	.188	88	80	NW 3	NW 2	0	0	—	at times, p. [till 8.30 a. at night.
31	30.169	30.190	38.6	40.2	33.2	50.9	.190	.228	81	92	WNW 2	NW 3	7	0	—	
Means	29.886	29.872	48.9	47.8	43.8	54.7	.310	.304	86.5	88.4	2.7	2.7	7.3	6.2	8.070	

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	58°3	51°0	51°0	65°5	in.	in.	9/0	9/0	E 1	WSW 2	9	0	ins.	☁ till 10a. and after 6p. ☼ ²⁰ (mist).
2	30°20	30°143	58°3	48°0	48°0	65°4	422	258	87	77	WSW 3	N 2	10	9	040	
3	30°31	29°18	52°0	45°8	37°2	56°4	268	230	70	75	W 2	N 2	3	10	340	☁ n.
4	29°649	29°70	47°6	45°8	44°2	50°1	298	298	91	97	ENE 6	ENE 7	10	10	2440	Squally a. ☼ ^{2a} —Midt. ☼ ^{1p-2p}
5	1°68	342	58°8	48°1	44°3	61°6	457	302	93	90	SW 5	SW 3	10	2	—	☁ after 8p. ☼ [Greatest daily rainfall for at least 10 years.
6	334	325	50°0	50°6	43°8	50°6	317	353	88	96	N 2	NE 4	10	10	440	☼ (mist) a.
7	468	553	60°0	57°6	50°3	62°7	355	364	68	77	SSE 4	SE 5	7	10	120	☼ 6.33p.—7.24p. Squally 9p.
8	648	711	54°2	53°3	53°3	58°4	391	344	93	84	ENE 5	ENE 6	9	10	170	☼ 0.28p.—0.34p. Squalls 9p.
9	724	29°790	49°0	51°7	46°5	53°6	290	284	84	75	NNE 6	NNE 7	10	10	170	Squally. ☼ after 9p.
10	29°801	30°079	50°3	53°0	48°6	55°5	338	79	93	94	NNE 6	E 6	10	9	120	Squally ☼ in past n.
11	224	224	52°0	50°8	50°8	55°1	340	301	87	81	ENE 5	ENE 5	10	3	—	
12	245	184	50°0	47°3	42°7	54°4	269	259	75	80	NNE 3	NNE 4	1	2	—	Squally a. ☼ [9p.
13	312	389	50°0	43°9	43°9	57°6	275	238	77	83	NE 2	Calm 0	1	0	—	☁ at 4 feet after 8p. ☼ on grass after
14	409	343	50°1	50°4	41°0	54°1	268	275	74	76	NE 1	NE 2	7	10	—	☼ (mist) a. and p. ☼ after 9p.
15	253	142	49°5	53°1	47°9	54°6	301	342	86	84	ENE 2	E 3	10	10	—	☼ (mist) a.
16	668	679	50°0	50°8	48°5	54°7	295	307	82	83	NE 2	Calm 0	10	9	—	☼ (mist) a. and p.
17	119	140	51°2	49°4	48°8	59°0	395	325	81	91	NE 1	WSW 1	10	9	—	☼ (mist) a. and p. ☼ [10 p.
18	127	30°092	49°9	44°4	42°9	61°2	335	271	93	93	NNW 1	N 1	9	0	—	☼ (mist) a. and p. ☼ a. and p.
19	30°074	29°917	49°2	43°7	40°6	54°4	399	273	89	96	NNW 1	NNE 1	10	10	980	☼ ² till 10a. ☼ (mist) a.
20	29°668	718	35°5	36°0	35°0	43°8	199	188	96	89	NNE 4	NW 2	10	9	—	☼ ² early a. ☼ 6.30a. ☼ 2p.
21	867	794	38°8	44°9	34°1	45°3	184	219	79	74	NNE 2	ENE 6	10	10	820	☼ ² 6p. ☼ 5p.—Midt. ☼ 11p.
22	589	29°535	41°5	40°9	38°1	44°0	238	237	92	93	ENE 9	ENE 8	10	10	1080	☼ 7.30a. ☼ 9a.—Midt. ☼ after 10p.
23	29°712	30°075	41°8	42°8	39°4	45°4	240	184	92	67	ENE 7	ENE 5	10	7	060	☼ ² n. ☼ ² (velocity 47 m. noon). ☼ Many trees blown down
24	30°272	335	43°0	32°9	32°9	48°0	196	160	68	86	NE 3	W 1	1	0	—	☼ a. Squally p. ☼ snow 20th—24th.
25	30°283	30°028	46°3	41°1	30°6	57°7	225	233	72	86	WSW 2	SW 1	5	10	640	☼ after 8p. Dartmoor white with
26	29°607	29°278	43°5	56°0	41°1	56°3	269	439	95	98	E 5	SW 5	10	10	860	☼ n. ☼ after 5p. ☼ (mist) p.
27	29°326	28°937	56°6	52°9	45°6	58°7	443	381	97	95	SW 4	SSW 10	10	10	450	☼ 4a.—6p. Scotch Squalls p. ☼ 7p.—10p.
28	28°883	29°040	49°3	38°6	38°0	53°4	298	208	85	89	WSW 7	W 3	5	3	010	Squally p. ☼ after 9p. Velocity 48m.
29	29°692	30°003	42°5	39°9	36°2	50°2	204	190	76	77	NW 2	N 3	3	0	—	☼ 3.45a. ☼ ² n. Velocity 46m. 6a.
30	30°192	236	42°9	35°8	31°8	49°8	204	186	74	89	NNW 1	W 2	0	2	—	☼ a. and p. ☼ 7p. and 8p. ☼ 7a.
31	30°227	30°208	44°9	42°0	31°0	53°4	214	232	72	88	W 3	SW 3	1	8	—	☼ (mist) ☼ ² a. ☼ after 5p.
Means	29°880	29°877	49°0	46°5	42°2	54°5	297	278	83°9	85°7	3°5	3°5	7°5	6°9	8°740	☼ to 9a.

ST. AUBIN'S, JERSEY.

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

OCTOBER 1880.

1	30°294	30°210	66°0	57°2	55°1	67°7	*443	*429	70	91	E	1	Calm	0	0	0	—	☼ ⁰ (mist). ☼ ² a. Fine day. ☼ p.
2	*110	30°013	63°1	53°5	52°8	65°0	*381	*390	66	95	NW	2	NE	3	4	10	*192	Fine a. Gloomy p. Wind SW. 6p. ☼ 7p.
3	30°049	29°948	52°0	50°0	43°2	54°8	*246	*226	64	63	NE	1	NE	2	7	10	*450	Fine early a. Gloomy p. Cold day.
4	29°046	*445	46°1	60°5	44°5	61°3	*312	*520	100	98	E	7	SW	2	10	10	1°126	☼ (gale) a. ☼ 4.5p. ☼ ² .
5	*353	*414	63°1	54°4	53°7	67°0	*512	*395	88	94	SSW	4	Calm	0	7	9	*493	☼ ² from 7.20p., *20 in. in 40 minutes.
6	*323	*318	65°4	64°1	53°6	67°8	*535	*491	86	82	S	3	S	2	2	8	*004	Partial ☼ 3p. Warm evening.
7	*363	*611	61°5	60°0	57°6	64°6	*396	*395	73	76	SSE	5	S	5	2	4	*030	a. and p. Squally p.
8	*641	*606	55°7	55°7	54°4	60°7	*388	*435	87	98	S by E	4	S	2	9	10	1°020	[8p.]
9	*516	29°698	55°3	54°6	53°7	56°7	*429	*389	98	91	N	4	N by W	3	10	10	1°940	Gloomy, sunless day. Steady ☼ from
10	20°551	30°077	56°5	56°3	51°9	57°5	*447	*409	97	90	SSW	3	ESE	3	10	1	*425	Sudden squall 10.30a. from SE.
11	30°152	*159	60°1	52°4	51°2	61°7	*419	*337	81	86	NE	3	ENE	3	10	10	*030	☼ a. Very fine a. Bright red sun.
12	*173	*122	54°5	46°4	45°4	54°8	*308	*282	73	90	E	2	NE	2	8	2	*210	Cold and clear p. [set. ☼ ⁰ at night
13	*254	*374	52°8	53°3	45°0	56°3	*355	*336	88	82	NE	3	NE	1	10	9	—	Clouds cleared after 9.30p.
14	*410	*353	54°8	53°5	49°2	58°2	*350	*319	81	78	NE	1	NE	1	10	10	—	☼ ⁰ 9a. Day sunless.
15	*264	*143	52°7	53°3	50°8	54°2	*339	*321	86	79	E	3	E	3	10	10	—	Day almost sunless.
16	*044	*061	53°3	53°0	50°0	57°0	*341	*330	83	82	NE	2	NE	1	10	4	—	[☼ ⁰ 11a.]
17	*109	*144	59°0	53°0	52°0	61°3	*367	*342	74	85	NE	1	Calm	0	2	2	—	☼ a. and p. Day extremely fine.
18	*153	30°128	56°9	50°3	48°6	62°7	*351	*334	75	92	Calm	0	Calm	0	0	4	—	☼ a. Nearly calm all day.
19	30°096	29°949	57°9	53°0	47°8	60°3	*353	*340	73	84	Calm	0	W	1	7	10	*460	☼ n. and a. renching force 6.
20	29°533	*706	54°0	42°3	41°2	54°4	*397	*190	95	71	N	3	N	1	10	7	*053	[Wind veered SW. to N. 8.45a. ☼ ⁰ [to 11a. Day gloomy. ☼ ⁰ 11p.]
21	*834	*811	45°0	40°2	38°0	45°0	*204	*241	68	96	E	2	E	6	10	10	1°030	Abnormally cold, min. about 2p.
22	*525	*462	40°0	46°1	38°3	46°1	*247	*312	100	100	E	8	E	2	10	10	*667	[☼] (gale) n. Incessant ☼. Temp. rising all day; 50°2 at 11.30p.
23	20°609	29°091	58°0	47°4	45°4	63°2	*421	*270	87	83	SW	3	E	3	10	8	*002	Fair and warm. Hot sun at times.
24	30°227	30°312	44°0	43°2	40°2	47°8	*211	*215	73	78	E	5	NE	2	1	0	—	Cold wind but very fine. Fine sunset.
25	30°317	30°120	51°4	47°3	39°8	52°9	*268	*225	71	69	S	2	SE	2	1	2	*739	☼ a. Extremely fine. ☼ at night.
26	29°637	29°436	46°2	58°8	41°2	60°2	*313	*407	100	95	SE	3	SW	3	10	8	*680	☼ n. and a. ☼ ² till 4.30p. [1.30 in. in 13 hours. Warm p.]
27	*464	*247	58°3	57°4	57°0	64°3	*449	*373	92	79	SW	2	SW	8	9	1	*063	Fine and warm. Bar. steady 8p.— [11.30p. (gale) n.]
28	*124	*279	54°0	47°0	47°0	57°6	*282	*275	68	86	SW	10	WSW	7	9	4	*290	☼ ² (whole gale) n. and till 10a. ☼ p.
29	20°652	29°983	46°1	39°0	38°5	40°4	*258	*218	83	92	N	2	N	1	9	2	*039	☼ ☼ ⁰ ☼ ⁰ at times. Cold p.
30	30°180	30°255	48°6	43°3	37°8	53°0	*230	*208	67	75	NE	2	Calm	0	0	0	—	☼ ☼ ⁰ ☼ ⁰ at times. Cold p. [Extremely fine. Min. temp. about 6.30p.]
31	30°246	30°258	55°1	47°0	40°2	55°0	*242	*233	56	73	Calm	0	NW	2	4	4	*167	Very fine and clear.
Means	29°872	29°891	54°4	51°4	47°3	58°1	*348	*331	80°7	84°9		2°9		2°3	6°5	6°1	10°110	

LONDONDERRY.

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






















OCTOBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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.	%	%	S	1	SW	2	10	10	ins.	☁ (mist) a. ● from 4p.	
2	30°216	30°052	57°7	54°2	51°8	59°2	3°68	4°12	77	98	80	83	NW	3	NW	2	7	3	°060
3	°111	30°148	45°7	44°2	39°9	55°0	°245	°221	80	83	NW	3	NNE	1	5	1	°090	°030	
4	30°037	29°088	44°2	40°7	39°0	53°0	°237	°240	82	93	Caln	0	E	1	1	1	—	—	
5	29°859	°746	46°7	36°5	35°3	53°7	°255	°195	80	91	Caln	0	E	1	1	1	—	—	
5	°655	°574	47°2	47°3	32°2	49°6	°239	°261	74	81	NE	3	ENE	2	9	3	—	—	
6	°630	°735	50°2	49°7	45°8	53°0	°280	°256	78	72	NNE	2	NE	2	9	7	—	—	
7	°831	29°011	48°7	47°2	45°2	52°6	°255	°266	74	83	NNE	2	NE	2	6	6	°020	—	
8	29°955	30°013	51°7	39°7	38°4	54°2	°312	°238	81	97	NE	1	Caln	0	5	4	—	—	
9	30°141	°239	48°7	41°0	37°8	54°0	°283	°246	82	96	NE	1	Caln	0	6	0	—	—	
10	°302	°361	41°7	38°9	33°0	53°5	°247	°229	93	97	NNE	1	Caln	0	0	5	—	—	
11	°437	°498	43°7	39°7	33°0	54°0	°267	°228	93	93	Caln	0	Caln	0	10	0	—	—	
12	°434	°378	40°7	31°7	32°0	55°0	°237	°264	93	100	Caln	0	Caln	0	10	7	—	—	
13	°363	°440	45°2	47°5	41°5	50°0	°283	°329	94	100	NW	1	Caln	0	10	10	—	—	
14	°441	°377	48°7	48°7	45°0	54°8	°294	°331	86	96	SSW	1	Caln	0	10	10	—	—	
15	°289	°198	49°0	46°8	45°8	53°3	°300	°300	87	93	Caln	0	Caln	0	4	10	—	—	
16	°126	°134	46°1	47°0	44°0	52°1	°286	°298	92	93	SW	1	Caln	0	10	10	°050	☁ (mist) all day.	
17	°140	°129	47°1	49°7	44°5	55°7	°310	°323	96	91	SSW	1	W	1	10	10	°110	☁ a.	
18	°016	°119	52°7	42°8	39°8	54°0	°375	°334	94	85	W	3	NE	2	10	5	°500	☁ op. [and night.	
19	30°202	30°039	39°8	33°5	31°8	45°3	°222	°182	92	94	Caln	0	W	1	10	4	°090	☁ ☁ ☁ showers during the day	
20	29°882	29°878	33°2	36°0	28°0	38°0	°184	°179	97	84	NW	1	NNE	1	10	8	°050	☁ showers till 11a. and in aft.	
21	30°034	°973	35°7	35°2	28°0	46°1	°187	°180	89	87	Caln	0	NE	1	0	6	—	—	
22	29°877	29°964	33°2	36°9	26°6	46°2	°153	°183	80	84	E	1	NE	1	0	0	—	—	
23	30°104	30°266	41°8	31°9	30°6	48°0	°218	°152	83	84	E	2	E	1	1	1	—	—	
24	°343	30°316	36°9	43°2	30°5	50°0	°197	°273	90	97	SSW	1	W	2	8	3	°030	—	
25	30°100	29°868	45°7	43°0	41°4	51°8	°272	°253	89	91	W	2	W	1	10	1	°080	☁ (mist) 9a. ● 3p.—4p.	
26	29°766	°617	41°7	37°2	36°2	43°8	°204	°166	78	75	NE	2	NE	3	10	6	—	—	
27	°557	°271	39°7	40°7	36°0	41°0	°182	°184	74	71	N	3	NE	5	10	10	°220	● ☁ at night.	
28	°287	29°574	41°7	39°7	30°0	44°0	°190	°182	73	74	NNE	3	NE	2	10	6	°010	—	
29	29°919	30°124	39°7	37°7	34°0	46°5	°208	°216	85	96	NE	2	WSW	1	6	4	°010	● ☁ showers.	
30	30°093	°103	40°2	44°3	36°0	48°6	°215	°261	87	90	WSW	2	SW	3	7	6	°130	—	
31	29°096	30°089	46°7	45°3	35°6	52°4	°300	°270	94	89	W	2	NW	3	6	10	—	—	
Means	30°037	30°036	44°2	42°1	37°1	50°6	°252	°243	85°4	89°0	1°5		1°3	7°1	5°7	1°480			

MARKREE CASTLE, SLIGO.

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

OCTOBER 1880.

1	30°196	30°062	52°7	57°6	49°1	59°2	*378	*420	95	90	S	1	S	1	10	10	*080	 ga. \bar{p} gp.
2	*101	30°169	46°6	39°3	37°7	58°4	*265	*226	85	95	N	3	N	3	10	10	*075	 ga. \bar{p} gp.
3	30°063	29°977	44°3	37°2	36°4	52°4	*241	*204	82	92	NW	2	Calm	0	7	0	*005	 6p. \bar{p} gp.
4	29°833	*607	44°1	39°6	27°3	55°0	*237	*202	81	83	Calm	0	NE	2	0	0	—	 a. \bar{p} gp. in SE. 7p. \bar{p} gp.
5	*592	*540	44°2	42°1	37°1	49°5	*238	*194	78	73	NE	4	NE	2	8	3	—	
6	*603	*695	50°0	47°1	41°6	54°4	*265	*240	74	74	NE	3	NE	3	6	5	—	
7	*773	*857	48°1	48°0	45°9	55°0	*248	*249	74	75	NE	3	NE	3	3	7	—	
8	29°936	29°992	50°1	43°3	41°3	58°2	*294	*254	81	91	NE	1	Calm	0	4	0	*002	 ga.
9	30°119	30°213	49°1	42°9	29°8	56°2	*284	*241	81	87	Calm	0	Calm	0	6	0	*002	 a. \bar{p} gp.
10	*268	*324	47°2	36°1	30°8	56°2	*258	*200	80	94	Calm	0	Calm	0	0	0	*004	 a. \bar{p} gp.
11	*383	*406	49°1	39°1	30°3	56°5	*282	*231	80	97	E	2	E	1	3	0	*002	 a. \bar{p} gp.
12	*399	*370	43°7	38°7	29°1	56°9	*254	*226	88	96	Calm	0	Calm	0	1	10	—	
13	*391	*427	46°3	45°1	37°8	53°4	*288	*284	92	95	Calm	0	Calm	0	10	10	—	
14	*427	*345	47°1	46°2	42°5	54°2	*285	*200	88	93	Calm	0	Calm	0	10	10	—	
15	*268	*171	44°2	45°1	41°3	51°0	*263	*284	91	94	N	1	Calm	0	10	10	—	 ga.
16	*120	*121	44°8	45°9	38°3	52°5	*284	*298	96	97	Calm	0	Calm	0	10	10	—	 ga. \bar{p} gp.
17	*143	*142	47°1	44°2	41°4	56°2	*202	*283	93	97	Calm	0	Calm	0	10	4	—	 ga. and gp. \bar{p} gp.
18	*079	*125	54°2	47°3	35°6	57°4	*241	*234	81	91	W	1	Calm	0	6	10	*130	 ga. \bar{p} gp.
19	30°179	30°043	38°6	36°1	31°6	47°4	*324	*192	96	90	Calm	0	Calm	0	9	10	—	 ga. \bar{p} gp.
20	29°872	29°890	35°9	26°1	24°8	42°7	*148	*135	69	96	Calm	0	Calm	0	4	0	*002	 ga. and gp.
21	30°030	*979	35°5	25°5	19°5	48°4	*149	*127	71	95	Calm	0	Calm	0	0	0	*003	 ga.
22	29°876	29°924	33°8	32°5	19°4	47°4	*147	*176	76	96	Calm	0	Calm	0	5	0	*003	 ga. \bar{p} gp.
23	30°059	30°256	41°1	34°1	29°3	50°4	*209	*171	81	86	ENE	1	Calm	0	0	0	*001	 a. \bar{p} gp.
24	*365	30°354	37°1	44°1	20°3	51°4	*141	*254	64		Calm	0	Calm	0	1	10	*001	 a.
25	30°156	29°904	46°8	44°4	41°1	54°2	*266	*272	84	93	NW	1	Calm	0	5	10	*020	
26	29°689	*512	41°1	37°8	36°5	45°4	*201	*180	79	79	NNE	4	ENE	5	7	10	—	
27	*445	*236	38°1	38°2	36°3	39°6	*179	*197	78	86	ENE	5	ENE	4	10	10	*076	Sharp squalls p.
28	*290	29°583	38°1	37°8	37°4		*206	*166	87	72	N	4	N	1	10	10		Sharp squalls before ga.
29	29°883	30°101	39°1	30°1	26°6	45°4	*185	*151	78	91	N	1	Calm	0	5	2	*086	 a. \bar{p} during the day.
30	30°138	*124	40°6	38°1	26°5	51°4	*225	*211	89	92	W	1	W	1	10	1	—	 ga.
31	30°073	30°149	49°1	45°1	37°6	52°6	*279	*270	80	90	NW	3	Calm	0	10	10	*080	 ga.
Means	30°024	30°022	44°1	40°3	34°2	52°1	*244	*228	82°3	89°3		1°3		0°7	6°2	5°1	0°572	

DUBLIN.

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

OCTOBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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° 8'	57° 0'	44° 2'	61° 8'	ins.	ins.	90	83	Calm	W 4	4	5	ins.	(Wind rising p. 11.30. n. Very fine, with ∞.
2	30° 241	30° 148	48° 8'	41° 1'	41° 0'	57° 5'	321	214	93	83	N 3	NbyW 3	10	0	0	early a. Dull till 1p. Very cold p.
3	30° 062	29° 956	42° 1'	42° 2'	36° 4'	50° 6'	222	227	83	85	WNW 4	NW 3	0	0	0	Very cold n. Bright cold day.
4	29° 804	29° 804	48° 1'	44° 2'	37° 9'	50° 5'	242	265	72	92	ENE 4	E 6	5	10	710	Cold n. Cir. fast from WSW. a. (gale) p. 2 a. and p. Squally. [Rainfall 1.135 in 12 hours.
5	431	451	47° 1'	44° 4'	43° 6'	47° 9'	279	262	86	90	ENE 7	NNE 5	10	10	1° 696	2 a. Wind rising p. Squally. 2 a. and p. Squalls p. from 3.30p. Wind backing. 2 n. Very fine p. Bright day. with squalls p. Fair and bright with ∞ p. a. and p. Cir. fast from NE. a. (mist) a. Clouds from S. 9p. a. Cum. from E. 9a. Cool a. ∞. Cir. from S. a. and p. ∞ a. Cir. from SE. a. NNW. p. Much cir. from NW. a. Brilliant after 10a. Cloudy p.
6	501	599	47° 3'	51° 1'	43° 9'	51° 4'	307	298	95	79	NEb.N 5	NE 6	10	10	0	(mist) a. and p. Cum. from ENE. 9a. ∞ after 4p. Squally with ∞ n. Cir. from W. [9a. ∞ showers after 11a. [from 11a. ∞ (gale) in evening. Threatening a. Cum. from ENE. 9a. (gale) n. 2 ∞ a. and p. [6p. a. ∞ a. and p. Wind backing slowly. a. n. Cir. from E. a. ∞ after 9a. a. Very bright, but cool, all day. Bright a. Much cir. from W. p. ∞ after 3p. Mild.
7	649	756	51° 1'	51° 3'	49° 8'	52° 2'	327	322	86	85	ENE 5	ENE 5	10	10	0	
8	29° 852	29° 924	52° 0'	49° 2'	48° 8'	52° 5'	310	324	80	93	ENE 4	N 2	10	10	0	
9	30° 042	30° 131	49° 9'	51° 1'	47° 2'	53° 3'	299	260	85	70	NEb.E 4	NE 4	6	5	0	
10	200	275	50° 7'	51° 0'	48° 2'	53° 6'	247	297	66	79	ENE 4	ENE 6	2	1	0	
11	366	384	51° 1'	51° 4'	48° 3'	55° 3'	305	302	81	80	E 3	E 3	5	2	0	
12	384	357	46° 2'	47° 3'	44° 4'	52° 9'	285	285	92	88	Calm	Calm	0	0	0	
13	394	436	44° 1'	46° 9'	40° 1'	52° 2'	264	274	91	86	NW 1	E 1	2	10	0	
14	444	375	48° 7'	47° 7'	45° 3'	52° 5'	281	292	82	89	WNW 1	Calm	0	10	0	
15	273	177	48° 2'	48° 7'	46° 0'	53° 2'	310	306	93	89	Calm	Calm	0	7	10	
16	119	114	44° 9'	46° 8'	41° 6'	53° 3'	270	291	92	91	W 1	WSW 1	2	5	0	
17	147	154	48° 1'	45° 8'	44° 5'	53° 4'	308	267	92	87	WSW 1	W 1	9	8	0	
18	122	082	49° 2'	48° 9'	42° 8'	56° 7'	278	277	79	80	W 3	W 3	9	6	0	
19	30° 159	30° 009	40° 6'	36° 3'	36° 1'	49° 1'	219	205	87	96	WNW 1	Calm	0	8	0	
20	29° 816	29° 842	32° 2'	31° 2'	28° 2'	41° 1'	160	144	87	82	WNW 2	NNW 3	0	0	0	
21	978	954	38° 4'	34° 1'	29° 1'	45° 2'	195	163	85	82	NNE 3	WNW 1	6	4	0	
22	837	29° 828	43° 1'	43° 4'	30° 1'	47° 1'	190	219	68	77	E 4	E 7	7	8	0	
23	29° 973	30° 217	47° 2'	43° 2'	43° 0'	48° 5'	229	234	71	84	E by N 4	ENE 3	3	10	0	
24	30° 349	30° 348	35° 9'	44° 9'	32° 1'	48° 5'	180	256	85	87	W 1	WNW 2	1	6	0	
25	30° 205	29° 934	46° 3'	43° 8'	41° 0'	49° 7'	230	226	74	78	W 3	W 3	7	0	0	
26	29° 643	422	42° 7'	43° 3'	41° 3'	45° 6'	248	254	90	91	Calm	E 8	10	10	0	
27	360	094	41° 3'	40° 0'	38° 7'	43° 5'	231	226	89	92	E by N 9	ENE 8	10	10	2° 736	
28	055	29° 459	41° 7'	38° 0'	37° 0'	42° 3'	230	208	88	91	NE 8	NNE 6	10	10	363	
29	29° 812	30° 077	38° 1'	34° 2'	33° 8'	43° 3'	187	172	81	86	NW 4	NW 2	7	0	0	
30	30° 162	154	37° 2'	40° 3'	30° 8'	45° 6'	196	212	88	85	WbyN 3	W 3	4	0	0	
31	30° 112	30° 138	43° 4'	47° 1'	39° 0'	50° 3'	230	295	81	91	W 4	W 3	0	8	0	
Means	29° 985	29° 985	45° 1'	44° 7'	40° 5'	50° 3'	256	257	84° 3'	85° 5'	3° 1'	3° 3'	6° 1'	6° 1'	7° 358	

Observer remarks: Mean temperature for this month is 5° below the average of the previous 14 Octobers.

BIRR CASTLE, PARSONSTOWN.

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

OCTOBER 1880.

1	30° 231	30° 126	57° 7'	54° 2'	49° 3'	62° 3'	412	400	86	96	SW 1	E 1	10	7	0	773	Bright sunshine 9a.—1p.
2	079	30° 180	47° 9'	36° 7'	36° 7'	57° 5'	318	181	96	83	N 3	Calm	0	10	0	0	0 a.
3	30° 101	29° 980	44° 1'	36° 3'	31° 5'	54° 3'	254	205	87	96	NE 1	Calm	0	1	0	—	
4	29° 805	0648	38° 6'	40° 7'	30° 8'	54° 5'	230	224	98	88	N 1	SE 3	0	3	350	▲ 3p.	
5	500	516	43° 0'	43° 6'	38° 9'	45° 7'	253	232	91	82	N 4	N 6	10	8	215	Constant ●	
6	540	610	47° 5'	47° 1'	37° 9'	52° 3'	274	261	83	81	NNE 3	NE 7	10	10	0	0	0
7	647	756	46° 6'	48° 1'	45° 7'	49° 5'	280	311	89	93	N 8	NNE 7	10	6	261	Constant ●	
8	29° 881	29° 966	48° 2'	39° 9'	39° 9'	54° 1'	305	236	91	96	N 2	Calm	0	10	0	0	0
9	30° 075	30° 163	46° 6'	44° 8'	37° 6'	54° 5'	290	255	92	86	N 1	N 4	1	0	—		
10	236	282	46° 3'	42° 6'	31° 9'	54° 3'	270	242	87	89	NE 2	NE 1	1	1	—		
11	352	392	41° 6'	43° 0'	34° 4'	58° 3'	263	249	100	90	N 0° 5'	Calm	0	8	0	—	Cir. clouds in afternoon.
12	404	372	43° 2'	41° 2'	32° 3'	56° 7'	262	256	93	98	Calm	Calm	0	3	10	—	
13	466	438	40° 4'	45° 1'	35° 7'	57° 1'	251	270	100	90	Calm	ENE 0° 5'	3	10	—	☼ before 9a.	
14	448	373	46° 7'	42° 8'	42° 8'	55° 1'	272	270	86	99	Calm	ESE 0° 5'	10	10	—		
15	282	184	43° 6'	41° 7'	39° 6'	54° 8'	261	246	92	93	Calm	N 0° 5'	8	7	—		
16	142	136	40° 0'	44° 1'	34° 0'	51° 5'	247	278	100	96	Calm	Calm	0	10	10	—	☼ till 9a.
17	166	179	44° 9'	37° 9'	37° 9'	57° 5'	291	219	98	97	Calm	Calm	0	10	0	—	☼ (mist) 9p.
18	154	121	43° 6'	48° 7'	31° 5'	57° 5'	270	301	98	87	Calm	WNW 1	2	10	0	0	0
19	30° 186	30° 029	33° 2'	29° 3'	29° 3'	49° 9'	190	148	100	91	Calm	Calm	0	10	3	—	till 1ea. [4.30
20	29° 863	29° 898	31° 5'	27° 3'	26° 8'	42° 5'	159	127	89	86	NW 1	NW 0° 5'	0	0	0	—	Clouds moving very swiftly 9a. →
21	30° 013	066	30° 3'	26° 9'	21° 6'	47° 4'	150	127	89	87	NW 1	Calm	0	0	0	—	Upper clouds from ENE., lower from WSW
22	29° 827	29° 834	32° 8'	37° 7'	22° 8'	46° 4'	157	201	84	89	N 1	NE 2	8	10	0	0	0
23	29° 990	30° 240	38° 6'	34° 3'	33° 0'	50° 2'	217	180	93	90	NNE 1	Calm	0	1	0	—	
24	30° 387	30° 382	30° 6'	41° 4'	23° 5'	50° 8'	159	244	93	94	Calm	Calm	0	1	10	0	0
25	30° 237	29° 955	43° 1'	40° 6'	40° 3'	50° 3'	246	227	88	90	SW 1	SSW 1	10	8	—		
26	29° 626	402	40° 3'	40° 5'	38° 5'	43° 3'	238	241	96	96	NE 1	NE 5	10	10	0	836	● all day.
27	297	035	38° 4'	37° 1'	36° 5'	41° 5'	218	207	94	94	ENE 10	NNE 11	10	10	0	798	
28	161	29° 565	38° 5'	37° 1'	35° 8'	42° 7'	211	188	91	85	N 10	N 3	10	9	—		Very dark and gloomy day.
29	29° 884	30° 125	32° 0'	29° 3'	28° 0'	45° 5'	160	151	88	93	NNW 0° 5'	Calm	0	5	0	—	☼ 9p.
30	30° 203	196	32° 6'	35° 8'	24° 0'	48° 6'	160	202	86	97	S 1	SW 1	5	0	0	0	0
31	30° 171	30° 192	42° 2'	45° 8'	34° 0'	52° 5'	254	256	94	93	SW 1	SW 1° 5'	8	10	0	0	0
Means	30° 009	30° 008	41° 1'	40° 1'	34° 3'	51° 6'	243	231	92° 0	91° 1	1° 8	1° 8	6° 3	5° 2	2° 528		

OCTOBER 1880.

DUNROBIN CASTLE.

Height above Mean Sea Level, 12 feet. Long. 8° 59' W. Lat. 57° 57' N.

NOVEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	30° 134	30° 270	35° 3	32° 3	29° 5	42° 5	168	166	81	91	NW	NW	—	—	—	Clear and frosty.
2	193	170	33° 8	36° 3	29° 5	48° 4	164	164	84	76	N	W	—	—	0° 40	Fine and clear.
3	265	315	34° 3	39° 4	24° 5	44° 5	146	222	73	92	NW	NE	—	—	—	Frosty a. Dull and mild p.
4	199	193	45° 2	48° 0	38° 6	51° 5	273	285	91	86	W	W	—	—	0° 20	Fine a. Dull and mild p.
5	30° 162	30° 118	48° 5	51° 0	46° 5	52° 5	304	336	90	90	NW	SW	—	—	—	Dull all day.
6	29° 928	29° 862	53° 5	47° 7	44° 2	55° 5	329	306	80	93	W	NW	—	—	1° 30	Cloudy.
7	29° 906	29° 964	44° 4	34° 3	34° 3	49° 0	234	194	80	98	W	NW	—	—	—	Fine and clear.
8	30° 307	30° 280	33° 3	35° 5	30° 5	41° 3	147	197	77	95	W	NW	—	—	1° 30	Fine and calm.
9	29° 512	29° 729	47° 5	46° 4	34° 5	50° 5	304	271	94	87	W	NW	—	—	1° 10	Dull and cold.
10	969	815	38° 4	39° 9	36° 1	48° 7	202	225	87	92	NW	NW	—	—	1° 30	Fine and mild.
11	663	702	44° 4	49° 0	39° 6	54° 7	230	291	79	84	W	W	—	—	1° 10	Dull and mild. ● showers.
12	557	500	43° 9	47° 2	39° 6	51° 5	278	266	97	83	NW	NW	—	—	2° 30	● showers a. Dull. Fine p.
13	080	200	45° 6	41° 9	40° 7	50° 3	299	232	98	88	N	W	—	—	—	Dull.
14	190	363	35° 3	28° 3	27° 5	43° 3	183	126	89	82	NW	NW	—	—	0° 80	Dull. ✱ showers.
15	578	29° 447	29° 8	37° 6	21° 5	39° 3	126	192	76	85	NW	S	—	—	0° 40	Frosty. Clear a. Dull p.
16	053	28° 983	39° 2	36° 3	27° 7	39° 7	205	188	85	88	SE	NE	—	—	1° 00	Dull.
17	134	29° 300	34° 3	33° 1	30° 3	37° 3	159	168	80	89	N	NW	—	—	0° 90	✱ showers a. Dull. Clear p.
18	397	458	33° 3	29° 3	26° 5	37° 3	142	134	74	83	N	N	—	—	0° 70	✱ showers. Clear p.
19	667	29° 983	31° 5	28° 1	27° 5	36° 2	154	129	87	85	NW	NW	—	—	—	✱ showers. Clear p.
20	30° 233	30° 333	30° 1	23° 3	22° 5	38° 9	142	992	84	74	N	NW	—	—	—	Frosty and clear.
21	333	30° 211	26° 8	27° 1	21° 5	38° 3	129	122	89	83	NW	SW	—	—	—	Clear and frosty.
22	30° 009	29° 711	39° 4	31° 1	25° 5	39° 5	203	160	84	92	E	NW	—	—	—	Milder a. Clear p.
23	29° 539	381	37° 4	41° 4	28° 5	41° 7	175	231	78	89	SE	E	—	—	0° 40	Slight frost. Fine.
24	29° 352	357	43° 6	41° 6	34° 5	48° 0	238	235	84	90	S	S	—	—	1° 10	Slight frost. Mild p.
25	28° 923	336	42° 9	41° 9	39° 6	46° 0	226	236	82	90	SW	W	—	—	1° 20	Mild.
26	28° 826	028	45° 6	44° 4	39° 6	48° 5	259	240	85	82	SE	SW	—	—	2° 40	Mild. ● showers.
27	29° 385	646	42° 9	41° 6	39° 6	46° 7	229	235	83	90	SW	W	—	—	—	Cold wind.
28	544	29° 717	49° 5	41° 4	41° 2	52° 5	304	238	87	91	SW	NW	—	—	0° 30	Fine and breezy.
29	29° 888	30° 087	44° 6	41° 4	40° 2	48° 5	248	219	84	85	W	NW	—	—	1° 10	Mild and fine.
30	30° 130	29° 812	38° 6	43° 4	36° 6	43° 5	211	262	90	93	NW	E	—	—	8° 00	Mild.
Means	29° 702	29° 741	39° 8	38° 7	33° 3	45° 5	214	212	84° 4	87° 5	—	—	—	—	3° 060	

LAUDALE.

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

NOVEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	36°	39°	33°	40°	in.	in.	86	94	NNW 2	N 1	5	0	ins	* showers before ga.
2	30°244	30°292	36°	39°	33°	40°	182	229	86	94	E 2	SE 3	4	0	—	
3	30°187	30°110	36°	38°	32°	41°	173	173	81	75	E 2	SE 3	4	0	—	
4	30°409	30°409	38°	44°	33°	44°	173	244	75	84	SE 2	SW 1	6	10	—	(mist) op.
5	30°344	30°316	47°	48°	34°	49°	205	290	80	87	W 5	W 2	10	10	100	(mist) ga. and op.
6	30°321	30°222	48°	49°	45°	50°	207	303	92	87	WSW 2	W 4	10	10	100	(mist) a. and p.
7	30°083	29°913	53°	54°	47°	55°	342	388	84	93	WSW 8	WSW 8	10	10	100	(mist) op.
8	29°948	30°049	45°	43°	42°	54°	267	223	87	80	NW 3	NW 2	8	4	030	
9	30°384	30°289	33°	42°	31°	43°	153	229	78	86	N 1	N 2	3	10	000	ga. (mist) op.
10	29°770	29°827	51°	48°	33°	51°	326	281	87	83	WSW 10	WSW 6	10	10	300	(mist) a. all day, gale at its height about ga.
11	29°966	29°829	39°	46°	37°	49°	219	285	90	92	E 1	SW 3	4	4	650	(mist) p.
12	29°773	29°748	51°	50°	38°	51°	347	295	92	82	WSW 3	WSW 3	10	10	490	(mist) a.
13	29°657	29°545	51°	48°	35°	51°	318	297	83	77	WSW 6	WSW 2	10	10	580	(mist) all day.
14	29°214	29°226	50°	44°	47°	51°	341	280	94	95	WNW 4	WNW 1	10	10	470	Snow on hill tops.
15	29°152	29°140	39°	34°	39°	46°	204	139	83	71	NNE 4	NNE 2	10	10	—	* showers a.
16	29°596	29°355	33°	35°	26°	36°	165	203	88	98	ENE 2	ENE 3	10	10	—	a. and p. Snow lying on hills.
17	28°899	28°957	35°	36°	31°	40°	163	184	79	85	E 1	NE 1	0	10	030	a. * p. Snow lying on hills.
18	29°072	29°347	33°	29°	32°	38°	173	119	92	72	Calm 0	Calm 0	10	7	—	* a. * p.
19	29°359	29°395	29°	33°	24°	34°	111	143	70	75	Calm 0	Calm 0	0	0	—	* a. * p.
20	29°620	30°004	28°	26°	25°	36°	119	128	77	90	NE 1	Calm 0	3	0	—	ga. and before. *
21	30°241	30°358	26°	33°	21°	35°	127	178	90	95	E 1	E 2	0	0	—	* all day. *
22	30°332	30°195	37°	36°	24°	38°	194	175	86	81	SSE 4	SSE 4	10	10	—	Slight thaw during day
23	29°893	29°683	36°	37°	33°	37°	159	175	74	77	E 4	E 4	0	6	100	p.
24	29°451	29°312	38°	45°	33°	45°	192	253	84	85	SSE 7	SSE 5	10	7	530	* a. * ga.
25	29°061	29°061	48°	49°	42°	49°	259	275	78	79	SW 6	SW 4	8	10	600	(mist) ga. and op. Meteor very distinctly seen op.
26	28°646	28°646	51°	45°	40°	52°	290	253	78	85	SSW 8	SSW 7	10	10	530	(mist) all day. * n. and during day, gale at its height [Noon—4p. Bar. 28°580.
27	29°542	29°677	48°	49°	40°	51°	253	259	76	74	SW 6	SW 5	3	10	760	* ga.
28	29°667	29°772	49°	51°	43°	52°	245	281	70	75	SW 4	SW 3	10	10	510	(mist) a.
29	29°075	29°125	49°	47°	47°	52°	250	269	71	83	SW 3	SW 2	10	10	590	
30	30°175	29°869	44°	41°	41°	51°	255	348	86	91	SE 1	SE 1	10	10	—	(mist) a. and p.
Means	29°743	29°767	41°	43°	36°	46°	228	239	82°	83°	3°	2°	7°	7°	9°	640

DUNDEE.

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

NOVEMBER 1880.

1	30°197	30°207	32°5	31°5	29°2	39°8	*126	*115	68	65	NW	1	NW	1	5	0	—	Fine.
2	240	176	24°5	31°5	23°2	36°9	*103	*098	78	56	NW	1	NW	1	5	7	—	Fine.
3	364	378	24°5	35°5	21°2	36°9	*103	*139	78	66	SW	1	W	1	0	0	—	—
4	255	270	44°4	41°4	32°2	47°7	*250	*242	86	93	W	1	SW	1	10	10	—	Dull.
5	249	30°217	42°4	46°4	39°3	51°7	*231	*271	86	87	W	1	W	1	10	10	—	Dull.
6	30°100	29°901	47°4	51°4	44°3	53°7	*282	*331	87	87	W	2	W	2	6	5	—	Cloudy.
7	29°923	30°002	45°4	38°4	37°3	51°7	*283	*197	94	85	E	1	W	2	10	0	—	Dull.
8	30°336	30°361	33°5	33°5	30°2	38°8	*136	*154	71	81	NW	1	N	1	5	10	—	—
9	29°778	29°597	41°4	47°4	33°2	51°7	*242	*203	93	62	W	10	NW	10	10	0	050	(gale) n. and during day. 2p.
10	996	935	40°4	40°4	36°2	48°7	*194	*232	78	93	NW	1	SW	1	7	5	100	Fine.
11	758	726	47°4	49°4	40°3	51°7	*305	*330	94	94	W	2	W	1	10	10	—	at night.
12	665	601	45°4	43°4	43°3	51°7	*283	*262	94	93	W	2	W	1	10	7	200	showers n. and 0.45p.—2p.
13	123	219	53°4	44°4	43°3	53°4	*352	*293	86	100	W	8	SW	1	7	10	550	n. and from 4.30p.
14	118	333	37°4	30°5	30°2	45°8	*208	*171	93	100	NE	2	NE	4	10	10	200	till noon. ✱ till 3p.
15	29°627	29°419	26°5	29°5	24°2	32°0	*089	*139	62	85	NW	1	SW	1	10	10	300	Dull.
16	28°847	28°840	37°4	35°5	27°2	38°8	*208	*191	93	92	NE	10	N	1	10	10	450	(gale) n. and till 6p.
17	29°660	29°253	32°5	30°5	28°2	36°9	*145	*104	78	62	NW	1	NW	2	10	10	—	Dull.
18	330	326	27°5	31°5	26°2	36°9	*123	*135	83	76	NW	1	NE	6	0	7	050	—
19	29°592	29°984	32°5	28°5	27°2	35°9	*126	*131	68	84	NE	8	NW	2	10	0	—	✱ at night.
20	30°299	30°428	24°5	21°5	20°2	30°0	*103	*086	78	76	NW	1	N	1	0	0	—	—
21	451	30°294	17°5	26°5	17°2	33°9	*069	*116	72	81	SW	1	SW	1	0	0	—	—
22	30°009	29°793	27°5	26°5	23°2	33°0	*123	*144	83	100	SW	2	W	1	10	10	250	✱ n. and 8.45a.—10a. 3 inches deep.
23	29°626	501	29°5	37°4	25°2	37°9	*164	*208	100	93	NE	1	SE	2	10	10	050	✱ till 8a. Dull.
24	462	422	39°4	30°4	36°2	42°8	*224	*224	93	93	SE	1	W	1	10	10	150	0 showers. Thaw. [day.
25	29°107	446	42°4	41°4	39°3	47°7	*212	*221	79	86	W	6	W	2	0	7	—	(gale) n. showers during day.
26	28°942	154	46°4	43°4	41°3	50°7	*271	*221	87	78	SW	10	SW	10	5	10	050	2 (gale) 9.30a.—5p. showers.
27	29°547	868	41°4	41°4	40°3	44°8	*203	*221	79	86	W	4	W	2	7	7	—	showers. [op.
28	29°773	29°796	49°4	48°4	41°3	51°7	*283	*317	81	94	W	10	W	2	10	10	150	2 (gale) n. and day till 8p. op.
29	30°063	30°162	41°4	40°4	40°3	48°7	*242	*323	93	93	SW	1	W	2	5	10	—	in past n.
30	30°220	29°880	39°4	46°4	38°3	46°7	*224	*294	93	94	SE	1	SW	8	10	10	450	from 8.30a.
Means	29°769	29°786	37°2	37°8	32°6	43°6	*197	*201	83°6	84°5	3°1	2°5	7°0	6°8	3°000			

GLENALMOND.

Height above Mean Sea Level, 529 feet. Long. 3° 40' W. Lat. 56° 27' N.

NOVEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	32°	28°	27°	40°	in.	in.	65	51	W 1	Calm 0	1	0	ins.	Bright day.	
2	30°231	30°305	32°	28°	27°	40°	118	076	65	51	W 1	Calm 0	3	1	—	Fine day.	
3	259	197	23°	26°	18°	37°	100	075	78	52	Calm 0	Calm 0	3	1	—	∞ — ga. W p.	
4	378	415	25°	35°	20°	40°	128	148	95	72	W 1	Calm 0	3	1	—	Dull a. Fine p.	
5	306	282	47°	43°	29°	50°	253	213	79	76	W 4	W 3	0	0	—	Fine day.	
6	252	30°231	42°	46°	37°	47°	219	247	80	79	SW 2	Calm 0	7	10	—	Dull ga.	
7	30°140	29°925	46°	51°	43°	53°	281	368	90	97	W 2	SW 4	6	8	—	Fine day.	
8	29°931	30°014	46°	47°	37°	52°	291	273	91	85	NW 2	W 2	7	0	—	Fine day.	
9	30°349	30°387	33°	29°	29°	48°	125	120	66	73	N 4	Calm 0	1	4	235	Fine day.	
10	29°789	29°628	42°	47°	28°	52°	251	231	93	72	W 6	W 7	10	1	069	* on hills a. Squally.	
11	30°025	29°941	39°	38°	34°	50°	181	219	75	94	W 1	Calm 0	2	10	129	Fine a. * op.	
12	29°776	29°746	48°	49°	38°	51°	317	345	95	99	W 1	Calm 0	10	10	040	* n. * op.	
13	686	647	45°	41°	40°	52°	290	237	95	93	SSW 2	W 1	10	7	321	* ga. * op.	
14	130	234	54°	43°	40°	55°	327	271	78	96	WSW 3	Calm 0	3	10	363	Fine a. * p.	
15	150	341	37°	29°	29°	43°	203	148	92	90	E 1	NNE 2	10	1	190	* ga. * 0 p.	
16	29°654	29°431	23°	24°	19°	32°	061	112	49	87	Calm 0	Calm 0	3	10	029	Fine a. U * 0 p.	
17	28°850	28°893	34°	35°	23°	27°	169	195	83	94	N 3	Calm 0	10	10	280	* ga. and before. * 0 in evening.	
18	29°085	29°266	34°	30°	28°	35°	158	097	80	58	Calm 0	SW 3	7	0	—	* n. Fine day.	
19	345	29°345	30°	30°	27°	34°	095	112	57	67	Calm 0	N 3	6	0	—	Fine day.	
20	29°592	29°048	33°	30°	28°	35°	122	095	62	57	N 3	N 1	6	0	—	Fine day.	
21	30°317	29°461	19°	18°	17°	37°	093	071	86	74	Calm 0	Calm 0	0	0	—	Fine and frosty.	
22	430	30°349	17°	15°	15°	33°	077	080	83	84	Calm 0	Calm 0	0	0	—	Fine and frosty.	
23	30°032	29°828	27°	23°	12°	32°	123	123	83	100	Calm 0	Calm 0	6	10	067	* 0 during day.	
24	29°648	29°513	26°	32°	12°	42°	132	169	91	90	Calm 0	Calm 0	10	10	357	* 2 during day. *	
25	445	421	43°	43°	32°	44°	254	265	91	95	SW 3	SW 2	10	10	824	* all day.	
26	29°094	29°440	41°	41°	38°	48°	213	235	83	92	SW 4	SW 1	3	2	290	* all day and night.	
27	28°918	29°176	48°	38°	31°	49°	279	217	81	92	SW 5	SW 4	10	7	530	Very threatening. * 2 during day. [Many trees blown down.]	
28	29°565	29°861	41°	41°	38°	45°	199	225	78	88	SW 3	SW 5	4	4	155	Cold wind a. * p.	
29	29°759	29°806	48°	46°	39°	49°	285	204	86	95	SW 6	SW 1	10	10	282	Wind gusty.	
30	29°069	30°176	40°	39°	37°	46°	237	200	83	82	SW 1	SSW 2	6	3	001	Mackerel sky. Fine p.	
30	30°232	29°844	37°	24°	34°	46°	216	303	97	96	Calm 0	SW 3	10	10	541	* during day. * with rising wind p.	
Means	29°782	29°805	37°	36°	29°	44°	193	192	81°	82°	1°	1°	5°	5°	4°	703	

PINMORE.

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

NOVEMBER 1880.

Day.	Barometer at 32" and M. S. L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	36.2	22.4	22.4	48.2	in.	in.	80	100	N	N	—	ins.	
2	30.267	30.321	36.2	22.4	22.4	48.2	1.71	1.20	80	100	N	N	—	—	
3	30.215	30.118	22.4	36.2	16.5	42.3	1.03	2.04	86	95	N	SW	—	—	
4	30.337	30.463	33.8	25.4	23.5	49.2	1.62	1.37	83	100	SW	N	—	—	
5	30.430	30.368	30.4	46.4	21.5	49.2	1.57	2.54	92	81	NW	N	—	0.40	
6	30.327	30.307	46.9	47.4	42.4	50.1	2.07	2.43	93	75	NW	NW	—	1.50	
7	30.241	30.123	46.9	49.8	43.4	53.1	2.09	3.27	85	91	NW	SW	—	2.30	
8	30.907	30.085	50.8	44.0	43.4	53.1	3.54	2.38	95	82	SW	NW	—	—	
9	30.355	30.435	31.4	30.4	30.4	46.2	1.53	1.22	87	71	N	N	—	1.10	
10	30.039	29.834	42.0	47.9	29.5	50.1	2.41	2.29	91	69	W	W	—	3.30	
11	30.040	29.956	36.2	46.9	33.5	48.2	2.04	2.92	95	92	W	W	—	2.90	
12	29.884	29.800	49.3	50.8	46.2	52.1	3.28	3.54	94	95	W	W	—	2.50	
13	29.768	29.716	48.9	48.4	44.3	52.1	3.13	3.30	91	94	W	W	—	0.10	
14	29.321	29.246	44.0	53.9	43.4	55.1	2.81	3.93	98	95	SW	SW	—	1.090	
15	29.097	29.050	50.8	32.9	30.4	54.1	3.28	1.67	88	89	NW	N	—	1.70	
16	29.667	29.334	23.4	32.4	23.4	43.3	1.25	1.42	100	77	W	SW	—	1.60	
17	28.764	28.905	33.6	39.1	31.5	40.8	1.85	2.00	95	84	N	N	—	1.00	
18	29.080	29.252	33.4	33.6	32.5	44.3	1.71	1.68	89	87	N	N	—	—	
19	30.307	30.300	21.4	30.9	19.5	44.3	1.15	1.37	100	78	N	N	—	0.20	
20	29.525	29.966	30.4	30.4	25.5	37.3	1.70	1.45	100	85	N	N	—	—	
21	30.317	30.432	22.4	25.9	15.5	43.3	1.20	1.24	100	88	N	SW	—	—	
22	30.382	30.208	31.4	27.4	23.5	42.3	1.77	1.49	100	100	S	S	—	—	
23	29.933	29.732	25.4	34.3	24.5	38.3	1.21	1.08	88	100	S	S	—	1.90	
24	29.531	29.477	39.9	46.9	33.5	48.2	2.25	3.17	92	99	S	S	—	3.10	
25	29.539	29.404	47.2	47.9	43.4	51.1	2.88	3.26	90	98	S	S	—	4.60	
26	29.232	29.543	43.5	42.5	42.4	51.1	2.44	2.55	86	94	W	W	—	4.20	
27	28.937	29.303	51.3	45.1	40.4	51.3	3.73	2.26	99	76	SW	SW	—	0.30	
28	29.685	29.661	43.0	44.9	39.4	53.1	2.21	2.48	80	84	SW	SW	—	0.30	
29	29.909	29.900	50.8	50.8	43.4	54.1	2.33	3.40	63	91	SW	SW	—	1.30	
30	30.157	30.229	38.6	40.1	36.5	53.6	2.22	2.23	95	90	NW	NW	—	0.70	
Means	29.813	29.837	38.2	40.1	32.8	48.3	2.20	2.29	91.1	88.2	—	—	—	5.660	

SCALEBY.

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

NOVEMBER 1880.

Day.	Barometer at 32" and M. S. L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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	30.214	30.313	29.8	25.8	25.0	41.5	1.62	1.36	98	98	Calm	0	1	0	
2	30.207	30.149	25.6	35.0	19.5	42.4	1.24	1.74	91	85	Calm	0	1	0	
3	30.348	30.474	32.8	27.0	26.3	41.0	1.58	1.15	86	79	Calm	0	3	0	
4	30.402	30.337	30.0	42.8	24.0	49.2	1.58	2.34	95	85	Calm	0	10	10	
5	30.307	30.284	44.5	46.8	40.0	48.5	2.53	2.71	87	85	SW	2	10	10	
6	30.243	30.105	47.3	50.8	43.0	52.0	2.99	3.28	92	88	SW	4	8	10	
7	30.063	30.038	50.2	37.3	36.0	52.9	3.51	2.11	97	95	W	8	10	10	
8	30.304	30.450	33.8	29.8	29.8	41.5	1.62	1.12	83	68	Calm	0	0	0	
9	30.054	29.748	41.8	45.8	27.2	48.2	2.08	2.75	79	90	SW	7	10	10	
10	30.031	29.965	34.6	44.0	32.3	48.0	1.82	2.48	91	86	Calm	0	1	10	
11	29.879	29.840	49.8	51.4	44.0	52.8	3.34	3.35	93	88	SW	4	9	10	
12	29.728	29.719	47.8	49.8	44.0	52.2	3.12	3.29	94	92	SW	4	10	10	
13	29.325	29.236	55.8	54.8	48.3	57.2	4.07	3.97	91	92	SW	10	10	10	
14	29.107	29.094	52.8	35.8	35.8	55.0	3.56	1.84	88	89	SW	8	10	10	
15	29.692	29.407	25.0	29.8	24.0	37.8	1.23	1.12	92	89	Calm	0	0	4	
16	28.704	28.850	35.0	36.8	28.8	38.0	1.93	1.96	95	91	NE	5	10	10	
17	29.082	29.201	34.0	32.8	32.8	37.0	1.93	1.80	99	97	SW	1	10	10	
18	29.308	29.220	24.8	32.9	23.2	38.0	1.30	1.62	97	87	NE	1	8	5	
19	29.406	29.953	29.0	27.8	26.0	38.2	1.51	1.49	95	98	N	1	9	0	
20	30.298	30.454	17.8	19.8	16.0	38.0	0.93	1.03	94	96	E	1	1	0	
21	30.480	30.277	25.0	24.0	18.0	33.5	1.06	1.17	91	92	E	1	0	0	
22	29.958	29.811	20.8	21.8	17.4	33.1	1.08	1.13	97	97	E	1	0	0	
23	29.600	29.590	34.8	42.8	20.5	43.0	1.80	2.31	80	84	S	4	5	10	
24	29.585	29.537	45.0	48.3	40.0	50.0	2.56	2.67	86	79	SW	4	9	10	
25	29.260	29.569	47.0	46.6	42.5	50.0	2.75	2.52	86	80	SW	8	9	10	
26	29.118	29.327	51.7	47.6	42.0	53.8	2.59	2.38	68	72	SW	10	7	0	
27	29.714	29.002	44.3	43.8	42.8	50.0	2.34	2.39	80	84	SW	6	5	1	
28	29.949	29.955	52.3	51.8	42.5	55.0	2.67	3.30	69	85	SW	9	10	10	
29	30.159	30.196	48.6	46.1	44.3	53.0	2.90	2.95	93	93	SW	2	10	10	
30	30.236	30.065	45.8	49.8	43.0	53.0	2.94	2.64	95	74	SW	1	5	1.80	
Means	29.826	29.846	38.5	39.3	32.7	46.0	2.22	2.20	89.8	86.6	3.4	3.6	6.6	5.8	3.640

DURHAM.

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

NOVEMBER 1880.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	10 a.m.	10 p.m.	10 a.m.	10 p.m.	Min.	Max.	10 a.m.	10 p.m.	10 a.m.	10 p.m.	10 a.m.	10 p.m.	10 a.m.	10 p.m.	10 a.m.	
1	ins.	ins.	37° 1'	24° 3'	23° 5'	39° 8'	in.	in.	61	87	WNW 3.4	NE 0° 5'	0	0	ins.	
2	30° 202	30° 307	37° 1'	24° 3'	23° 5'	39° 8'	1.35	1.14	61	87	Calm	0	NNE 0° 5'	0	0	—
3	215	201	35° 0'	30° 7'	21° 5'	39° 9'	1.56	1.46	74	85	NE 0° 3'	S 0° 5'	5	0	0	—
4	372	457	38° 3'	28° 9'	26° 0'	43° 3'	2.01	1.25	87	80	NE 0° 3'	S 0° 5'	5	0	0	—
5	338	295	47° 1'	40° 0'	27° 6'	51° 4'	2.52	2.43	78	98	WSW 1° 8'	W 0° 3'	4	0	0	—
6	272	243	49° 0'	42° 9'	36° 3'	51° 9'	2.66	2.35	76	85	W 3	WSW 0° 8'	1	0	0	—
7	226	085	49° 5'	49° 0'	37° 3'	53° 3'	2.90	3.22	82	93	SW 0° 8'	SW 2	6	1	0	—
8	297	043	51° 8'	40° 3'	37° 6'	55° 0'	3.38	2.21	87	89	SW 3° 4'	WNW 1° 1'	10	0	0	003
9	298	416	38° 8'	27° 9'	27° 9'	41° 2'	1.68	1.17	72	77	NW 2° 4'	SW 0° 7'	0	0	0	—
10	2975	2806	39° 9'	42° 7'	22° 7'	49° 4'	2.07	2.36	84	85	SSW 3° 5'	WSW 2	10	0	0	008
11	29027	2979	47° 0'	41° 6'	37° 0'	49° 0'	2.33	2.56	73	97	NW 0° 8'	S 0° 5'	0	10	0	095
12	29868	29769	52° 8'	51° 1'	40° 4'	55° 3'	3.25	3.42	81	91	WSW 0° 8'	SSW 3	9	9	0	—
13	778	670	52° 2'	49° 7'	46° 0'	54° 7'	3.32	3.13	85	88	SW 0° 8'	S 1° 1'	0	10	0	—
14	280	163	58° 3'	54° 4'	46° 2'	60° 3'	3.92	3.89	81	92	SW 3° 5'	SW 4	8	10	0	012
15	067	413	54° 1'	34° 8'	33° 7'	55° 8'	3.49	1.61	84	80	SW 3	N 2	9	10	0	162 Squally before 10a.
16	29693	29253	31° 4'	33° 0'	25° 0'	39° 8'	1.44	1.67	81	89	N 0° 2	S 0° 7	10	10	0	418
17	28545	28856	36° 7'	35° 0'	30° 3'	39° 1'	2.18	1.96	100	96	N 0° 4	N 1° 4	10	3	0	438
18	29069	29192	36° 3'	34° 4'	31° 3'	39° 3'	1.96	1.79	91	90	NNW 0° 8'	NW 2	10	10	0	238
19	29504	29504	38° 0'	29° 2'	28° 0'	40° 0'	1.68	1.59	73	99	NW 0° 9'	NE 2° 3	3	1	0	200
20	30295	304	33° 6'	19° 2'	17° 1'	37° 1'	1.60	0.87	83	84	NE 1° 1'	NW 0° 8'	4	10	0	226
21	30501	30253	20° 2'	22° 9'	13° 5'	36° 1'	1.02	0.98	94	81	NW 0° 7'	Calm	0	0	0	—
22	29903	29871	32° 5'	21° 2'	18° 0'	36° 8'	1.77	1.07	96	94	SW 0° 5'	NNW 0° 5'	0	0	0	092
23	685	609	32° 7'	40° 0'	17° 9'	40° 7'	1.78	2.39	95	97	WNW 0° 8'	S 0° 7	3	8	0	—
24	064	532	46° 2'	45° 0'	39° 4'	48° 3'	2.83	2.64	91	89	S 2	S 2° 4	10	10	0	—
25	324	640	48° 0'	45° 8'	41° 4'	50° 1'	2.65	2.69	80	88	S 2	SSW 1° 4'	6	1	0	178
26	796	2409	50° 2'	45° 0'	41° 1'	52° 1'	2.78	2.62	77	88	SW 1° 8'	SSW 1° 1'	0	0	0	120
27	156	20409	50° 2'	45° 0'	41° 1'	52° 1'	2.78	2.62	77	88	SSW 5° 4'	SSW 5° 3'	4	0	0	052 Squally 10p. 10p.
28	29756	30051	45° 0'	43° 3'	40° 5'	49° 2'	2.71	2.61	91	93	SW 0° 9'	SSW 2	0	0	0	—
29	30054	29987	50° 2'	51° 0'	42° 5'	52° 4'	2.69	3.26	75	87	SSW 4° 2'	WSW 7° 3'	10	5	0	—
30	181	30257	50° 7'	44° 0'	42° 5'	52° 7'	3.48	2.81	94	98	SSW 0° 9'	SSW 0° 5'	8	0	0	—
30	30244	30042	46° 0'	48° 0'	42° 2'	51° 3'	3.06	3.09	99	93	S 0° 7'	SW 3° 6'	10	10	0	—
Means	29° 823	29° 851	42° 8'	38° 4'	32° 1'	46° 7'	2° 40	2° 20	83° 9'	89° 2'	1° 7'	1° 7'	5° 0'	3° 9'	2° 242	

WAKEFIELD.

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

NOVEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	W 2	NW 2	8	1	ins.	Fine all day.
2	30°225	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	SW 2	NNW 2	10	10	—	∞ ga. Fine from 10a.
3	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	NNW 1	NW 1	8	10	—	from 8p.
4	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	W 1	W 1	4	2	—	Fine from 10.30a.
5	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	W 1	W 1	10	8	0.10	
6	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	W 1	W 1	10	8	0.10	
7	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	W 3	W 3	10	10	0.10	Dull and gloomy all day.
8	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	NNW 3	WNW 3	1	10	—	Fine, but cold ga.
9	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	SW 2	WNW 2	10	7	0.020	
10	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	W 2	SSE 2	4	10	0.070	Fine till 3p., then dull and gloomy.
11	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	SW 2	WSW 2	10	8	0.010	
12	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	SSW 1	SSW 1	5	10	0.160	ga. Clouds low and soft.
13	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	SW 6	SW 5	8	7	0.140	Rough and wild in past n.
14	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	SW 4	NNE 4	10	10	0.240	Rough and wild n. and all day.
15	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	WSW 2	S 1	8	10	0.280	Roll-cum. SW.—NE., ugly look, ga.
16	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	SSE 2	NW 3	10	6	0.060	Double U 2.22a. Gloomy till 7p., then
17	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	W 1	WNW 1	10	10	0.630	0.6p., 0.28.15p. Dull all day.
18	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	N 2	N 4	9	10	—	* in past n. Dull all day.
19	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	NNW 3	NNW 2	2	0	—	Roll-cum. S.—N. closely packed ga.
20	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	NNW 2	NW 2	2	0	—	Fine, but cold.
21	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	W 1	NNE 1	0	10	—	Fine and bright ga. ∞ p.
22	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	W 2	WSW 2	5	0	—	Gloomy 10a.—7p., then fine.
23	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	SSE 1	SSE 2	10	6	0.020	Gloomy till 6.30p., then fine.
24	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	S 3	SE 3	7	10	0.270	Dull and gloomy all day.
25	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	WSW 4	W 3	5	3	0.020	
26	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	SW 4	SW 4	10	4	0.010	Rough wind ga.
27	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	W 2	W 2	1	3	—	Fine all day.
28	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	W 3	W 4	5	3	—	Fine all day.
29	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	S 4	SSW 2	8	10	0.010	Fine till 4p., then dull.
30	30°251	30°322	36°6'	27°0'	27°0'	46°9'	ins.	ins.	70%	70%	SW 1	SSW 1	8	4	—	Roll-cum. S.—W. tinged with red
Means	29°890	29°900	41°8'	41°3'	35°3'	48°3'	234	220	83.4	83.1	2°3	2°4	6°8	6°6	1°960	7.30a. Fine from 11a. Sky covered with cum., beautifully tinged with red, blue, and black 4p.

KELSTERN.

Height above Mean Sea Level, 388 feet. Long. 0° 7' W. Lat. 53° 24' N.

NOVEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 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°192	30°310	35°0'	32°3'	30°0'	44°4'	145	143	71	78	NW 2	NNW 1	1	2	—	
2	30°235	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	NE 1	N 1	4	3	0.038	
3	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	NNE 1	NW 1	4	1	0.026	
4	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	NW 1	NW 1	0	0	—	(mist) ga.
5	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	NW 1	NW 1	2	1	—	
6	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	NNW 1	WNW 3	4	4	—	
7	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	SW 4	WNW 3	8	10	0.208	
8	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	NW 2	NNW 1	2	7	0.007	
9	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	SW 3	W 6	8	8	—	(mist) ga.
10	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	NNW 2	SW 1	10	8	0.026	
11	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	SW 2	WSW 1	10	9	0.020	ga. and before.
12	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	W 2	W 3	9	6	0.176	(mist) ga.
13	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	WSW 6	WSW 5	8	9	0.102	
14	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	SW 4	WNW 4	10	10	0.900	
15	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	NW 1	SE 2	2	9	0.464	* p.
16	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	SSW 4	NW 5	5	7	0.165	
17	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	SW 1	W 1	2	10	0.760	a. * p.
18	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	NW 1	NE 3	8	7	0.164	* a. and p.
19	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	NE 2	NE 1	10	4	0.060	Squally a. * ga.
20	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	NE 1	NW 1	3	1	0.090	* p.
21	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	NNW 1	NE 1	1	2	0.055	* p.
22	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	NW 1	SE 1	3	0	—	* before ga.
23	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	SSW 4	SSW 3	10	10	0.024	* p.
24	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	S 5	SW 3	10	7	0.133	
25	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	WSW 4	WSW 3	4	0	0.050	Squally p.
26	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	S 6	SW 4	10	0	0.010	
27	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	SW 3	SW 2	0	0	—	
28	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	SW 4	SSW 3	9	1	—	
29	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	SW 4	SW 2	7	1	—	
30	30°251	30°310	35°1'	33°6'	28°1'	44°5'	170	168	82	87	SSW 2	SW 4	7	0	—	
Means	29°907	29°924	40°3'	39°2'	34°3'	46°8'	231	227	88°8	91°7	2°5	2°4	5°7	4°6	3°478	

LLANDUDNO.

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

NOVEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.				
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.					
1	ins.	ins.	30°249	30°292	42°4	33°6	32°8	48°9	ins.	ins.	188	152	70	80	E 2	E 1	10	0	ins.	Dull a. Fine p.
2	185	118	36°9	38°5	28°2	43°4	159	186	73	80	S 1	SE 0°6	0	10	—	—	10	—	—	Fine, with ∞ p.
3	334	494	37°0	38°0	31°5	45°0	186	199	85	87	S 0°6	SE 0°6	4	0	—	—	10	—	—	Very fine, but with ∞ p.
4	468	411	44°3	47°8	30°5	50°2	224	266	77	81	S 1	W 0°6	0	10	—	—	10	—	—	Very fine.
5	393	395	48°3	48°3	35°5	49°0	264	311	79	92	NW 1	NW 1	1	10	—	—	10	—	—	
6	360	265	48°0	49°8	34°6	52°2	286	311	86	87	WNW 1	W 2	2	10	0	130	10	—	—	Fine a. Dull p.
7	116	106	49°8	47°0	46°4	50°9	331	367	93	96	W 3	W 0°6	10	10	—	—	10	—	—	
8	301	30°481	45°3	34°1	33°6	47°0	237	160	85	81	E 3	NE 1	0	0	—	—	10	—	—	Very fine.
9	204	29°913	43°9	50°3	30°8	50°3	222	330	77	91	W 3	W 5	5	10	10	020	10	—	—	Squally a. and p.
10	30°089	30°024	47°4	48°3	42°2	59°0	279	360	86	91	W 1	W 0°6	9	10	10	150	10	—	—	Very fine till evening, then ☉ ⁰ .
11	29°985	29°924	50°3	52°4	48°3	53°2	338	309	93	79	W 0°6	W 2	2	9	10	040	10	—	—	☉ ⁰ a. Fine and mild p.
12	903	802	50°2	52°0	48°2	52°8	313	366	87	94	W 2	W 2	2	9	10	470	10	—	—	Fine till Noon, then ☉.
13	512	393	56°6	54°2	51°8	57°3	382	391	83	93	W 5	W 8	10	10	10	360	10	—	—	Squally ☉. ☉.
14	160	180	53°6	46°0	46°0	56°0	366	275	89	90	W 6	W 2	2	8	10	105	10	—	—	Squally all day.
15	29°701	29°407	36°2	35°9	34°6	46°1	172	187	81	89	NW 1°6	W 1°4	8	10	10	460	10	—	—	Fine, but cold. ✱.
16	28°440	28°885	45°0	44°0	35°7	47°6	260	245	87	85	W 0°6	NW 3	9	10	10	700	10	—	—	Squally all day.
17	29°101	29°308	35°8	38°0	34°9	44°0	198	201	95	88	NE 2	NW 2	10	10	10	366	10	—	—	Squally all day. ▲. ☐ in the evening.
18	215	134	37°0	40°0	33°0	40°5	204	197	83	80	S 3	NE 6	4	8	—	—	10	—	—	Squally ☉ and cold, but fine.
19	29°496	29°960	38°9	38°8	37°8	40°4	175	173	75	74	W 5	E 5	9	2	—	—	10	—	—	Fine, but cold.
20	30°300	30°464	34°6	31°6	27°8	39°0	155	147	77	79	E 0°4	E 0°6	0	0	—	—	10	—	—	Fine, but cold.
21	30°438	30°331	34°0	32°0	27°5	40°7	146	137	74	75	SE 0°6	S 0°6	0	0	—	—	10	—	—	Fine, but cold.
22	29°950	29°801	31°0	33°0	25°7	38°4	116	136	67	72	S 1	S 1	0	0	—	—	10	—	—	Fine, but cold.
23	633	635	42°0	49°9	32°7	50°0	220	265	84	75	S 3	W 4	7	8	—	—	10	—	—	Milder.
24	633	437	50°4	55°2	45°9	55°2	315	288	86	67	SW 2	W 3	10	0	—	—	10	—	—	Wind rose in the evening.
25	399	717	48°1	49°6	47°8	56°0	285	249	85	70	SW 2	W 5	2	0	—	—	10	—	—	▲
26	248	29°474	53°0	48°0	46°0	56°8	257	260	64	78	SW 9	W 7	9	0	—	—	10	—	—	Squally ☉. ▲ p. ☐ 11.45 p.
27	29°841	30°111	48°1	47°0	44°2	50°8	271	251	81	78	SW 1	W 3	0	0	—	—	10	—	—	Very fine day, but squally.
28	30°088	130	52°7	53°2	46°8	55°5	260	297	66	73	SW 8	SW 7	10	10	10	013	10	—	—	Fine, but squally all day.
29	216	297	51°5	49°9	49°4	54°0	327	342	86	95	S 2	W 1	10	10	10	180	10	—	—	
30	30°267	30°136	49°9	48°0	47°3	51°3	297	253	83	76	S 1	SW 1	8	0	—	—	10	—	—	Fine.
Means	29°876	29°894	44°7	44°5	38°6	49°1	248	250	81°6	82°5	2°4	2°6	6°5	5°6	4°280					

HILLINGTON, NORFOLK.

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

NOVEMBER 1880.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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	32°3	32°2	47°2	ins.	ins.	70	93	NW 3	W 1	6	2	—	Fine a.
2	30°170	30°287	39°2	32°3	32°2	47°2	106	170	70	93	NW 3	W 1	6	2	—	— ² ga. Fine p.
3	210	109	37°0	32°2	26°9	47°6	202	160	92	88	NE 1	SE 1	5	2	—	— ² early a. ⁶ p.
4	261	418	40°5	33°8	30°6	49°0	225	172	90	88	SE 2	NW 0.5	10	0	—	— a. and p. Fine, but cold.
5	386	336	41°4	29°6	27°9	49°4	225	152	87	93	W 1	NW 0.5	3	0	—	— Fine and sunny.
6	302	293	32°8	39°7	26°7	47°6	163	242	88	99	W 1	W 0.5	10	8	—	— Fine.
7	334	263	43°8	40°5	37°1	49°7	263	243	92	97	SW 1	NW 0.5	8	4	—	— ² Noon—2.30p. and 8p.—11p.
8	169	067	47°1	48°8	40°2	49°6	283	340	88	98	SW 3	SW 0.5	10	10	—	— Fine a. ² 4.40p.
9	191	30°412	41°6	37°7	37°1	49°5	224	189	86	83	N 0.5	NNW 0.5	0	9	—	— ² ga.
10	329	29°850	29°1	41°9	26°0	42°3	149	234	93	89	SW 1	W 5	10	10	—	—
11	002	30°112	44°2	38°6	38°0	48°4	235	213	81	91	NW 3	NW 0.5	10	10	—	—
12	30°025	29°980	46°8	49°9	37°9	50°6	318	346	99	97	SW 1	SW 1	10	10	—	— Overcast all day.
13	29°892	896	49°6	48°9	47°2	52°4	340	313	96	91	WSW 3	W 3	10	10	—	— Overcast all day.
14	609	544	55°2	55°1	48°3	58°2	433	374	99	86	SW 6	WSW 6	10	10	—	— ² till 6a. Fine day. [night.
15	342	100	54°3	51°7	51°3	56°4	404	381	96	99	SW 3	SW 3	10	10	—	— ² ga.—Noon. ² p.
16	29°710	29°435	44°5	37°1	36°1	52°2	289	217	98	98	NNW 2	SE 0.5	7	10	—	—
17	28°778	28°761	48°7	42°0	36°8	55°8	298	225	87	85	SW 5	W 6	4	10	—	— Clear 10p.
18	29°085	29°165	33°3	33°1	31°0	42°7	180	166	95	88	SW 1	SW 2	7	10	—	— ² ga.
19	227	28°972	30°9	37°9	28°1	39°5	146	218	84	96	W 3	ENE 6	10	10	—	— ² ga. (gale) ² at night.
20	29°237	29°805	41°4	34°0	33°9	43°6	218	148	84	75	NE 5	E 1	10	2	—	— ² 1.15p. ² 5.20p. * 10p.
21	30°164	30°431	35°1	33°3	31°0	42°4	157	179	76	95	E 0.5	E 0.5	3	2	—	— ² a. * * * p.
22	30°467	30°209	30°3	27°4	25°1	39°1	152	127	91	86	SE 0.5	SE 0.5	3	0	—	— Very fine and sunny. * 0 p.
23	29°909	29°033	30°2	23°7	21°5	31°0	162	119	97	95	NW 1	SW 0.5	10	0	—	— ² ga. (mist) a. and p.
24	887	885	33°0	38°0	23°1	38°2	158	217	85	95	S 1	SSW 1	10	10	—	— ² 11a. (gale) at night.
25	841	782	45°2	48°2	37°2	48°7	294	319	98	96	SW 1	SW 2	10	10	—	—
26	516	822	52°4	42°2	42°2	53°6	323	236	82	88	W 5	WSW 2	6	0	—	—
27	29°628	30°628	53°8	45°0	38°2	56°1	382	250	92	84	SW 5	WSW 3	10	1	—	— Very fine and sunny a.
28	30°318	30°211	43°5	40°4	40°2	49°3	243	234	86	94	SW 4	SW 2	0	0	—	— a. and p.
29	30°358	30°319	42°0	45°7	36°7	50°5	247	277	93	91	SW 2	SW 3	10	7	—	— a. and p. Fine.
30	30°416	30°266	41°1	42°3	37°9	48°5	247	248	96	92	SW 1	SW 3	10	10	—	— ² ga. (mist) from 2p.
Means	29°918	29°922	41°8	39°8	34°9	48°0	247	232	89°9	91°3	2°3	2°0	7°7	6°2	2°647	

UPPINGHAM.

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

NOVEMBER 1880.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°209	30°309	36°9	29°5	28°9	44°8	162	118	75	73	NbyW 1	Calm 0	10	0	—	— ² or ² ga. Day bright till 4p.
2	205	107	32°3	34°6	26°6	44°2	144	189	79	94	NNE 1	N 1	0	9	—	— ² p. ² ga.
3	262	438	38°6	34°6	32°9	46°4	213	187	92	94	ENE 1	ENE 1	3	2	—	— a. Bright day. ² op. [day.
4	454	372	37°2	39°1	30°3	44°6	178	231	81	97	NNW 1	NW 1	4	0	—	— ² 6.30a. ² (mist) ga. Gloomy
5	364	365	39°1	42°0	33°8	44°9	231	254	97	95	NW 1	W 1	9	8	—	— Milder, but dull all day. Much cir-s.
6	385	291	41°7	43°4	39°8	48°4	248	247	94	87	W 1	swbyw 3	10	10	—	— Dull day.
7	189	085	46°3	48°9	43°1	50°9	261	322	84	93	SW 4	SW 3	10	10	—	— ² a. Cirri p. [9p. ² later.
8	235	30°461	39°9	32°1	31°8	49°0	203	136	83	74	NNW 2	N by E 2	0	4	—	— ² a. Thaw p. ² 4.30p. (gale)
9	333	29°913	29°9	43°3	26°5	43°4	122	254	73	91	WSW 2	WSW 7	10	10	—	— Sunny day. ² at night.
10	049	30°126	42°0	40°4	38°8	48°9	235	218	89	87	WNW 2	swbyw 1	8	10	—	— Dull all day. Scotch ² ga.
11	30°014	30°003	48°2	48°3	39°9	50°7	328	329	98	97	SSW 3	WbyS 2	10	10	—	— Overcast and damp. Wind rising p.
12	29°913	29°920	50°3	48°2	46°6	53°0	342	305	94	91	W by S 3	SSW 3	9	10	—	— ² at night.
13	637	539	54°2	54°6	47°6	56°1	361	359	86	84	swbyw 7	WSW 9	10	10	—	— Squally all day. ² op. [from 3p. ² 6p.
14	343	107	53°1	50°9	50°8	55°6	393	349	97	94	SW 3	swbyw 1	10	10	—	— ² a. ² 8a.—11a. Bright 1p. ² 2p.—5p. ² ga. Wind rose later.
15	29°716	29°490	34°0	32°6	32°0	50°9	150	180	77	97	NbyW 1	Calm 0	8	10	—	— ² SW. from 10a. with ² Bar.
16	28°808	28°830	46°1	40°6	32°3	48°5	264	205	85	82	swbyS 7	swbyw 4	4	8	—	— ² 3.20p. ² 3.20p.
17	20°088	29°205	36°7	33°2	33°2	41°1	204	171	94	90	WSW 2	NW 5	9	10	—	— ² 6.30a. ² ga. Cloudy a. Bright p.
18	241	000	29°0	35°3	26°2	36°3	139	189	88	92	WbyN 2	NNE 4	7	10	—	— ² a. ² p. ² at night.
19	29°320	29°843	35°0	30°8	30°4	39°5	164	138	80	80	NE 2	NE 2	10	0	—	— Dull a. ² 1.40p. Bright after 4p.
20	30°203	30°459	29°7	28°3	27°3	38°5	141	152	85	93	N 2	N 1	2	0	—	— ² ga. Day sunny. ² op.
21	30°471	30°246	29°8	29°6	26°1	39°6	149	159	90	97	NE 1	Calm 0	0	10	—	— ² a. (mist) ga. ² 4p. ² ga.
22	29°958	29°931	21°8	24°9	20°6	31°6	117	097	100	72	WbyN 2	S by W 2	0	10	—	— ² sp.—10p. then bright.
23	849	867	32°1	41°6	24°5	41°8	154	256	85	98	S by W 3	S 3	10	10	—	— Day bright, but very cold. ² or ² ga.
24	810	773	46°9	47°0	41°3	49°8	307	296	96	92	S by W 4	S 5	10	10	—	— ² 11a. Thaw. Temp. and wind
25	498	839	50°0	42°1	42°1	53°2	267	220	75	83	SSW 5	SW 6	4	0	—	— ² a. ² at night. [rising p.
26	462	29°623	53°9	44°0	39°1	54°1	387	242	93	83	SSW 8	SW 5	10	0	—	— Bar. rising ga. Wind rising op.
27	29°914	30°218	42°5	39°1	39°1	48°9	238	221	87	93	SW 4	WSW 3	0	0	—	— ² early a. ² 9.30a.—10.30a.
28	30°293	30°294	44°6	45°4	36°0	50°5	254	240	86	80	SSW 4	swbyS 6	10	1	—	— ² in N. 8.50p.
29	342	376	43°6	41°6	40°8	49°7	247	238	87	91	S by W 3	swbyw 1	9	0	—	— ² ga. Day clear and bright.
30	30°396	30°263	40°1	42°3	39°0	43°6	238	246	96	92	swbyw 2	SW 5	9	10	—	— ² a. Red sunset. ² at night.
Means	29°932	29°943	40°2	39°6	34°9	46°6	228	225	87°5	89°0	2°9	2°9	6°8	6°4	2°112	— Red dawn. Much cir-s. ga. ² ga. [and 9p.

OSCOTT.

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

NOVEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.				
1	ins.	ins.	30° 220	30° 316	38° 2	29° 2	29° 2	46° 0	in.	in.	82	78	W 1	N 0-1	10	1	ins.	—
2	220	121	29° 0	35° 1	23° 8	44° 8	125	183	79	89	NNE 2	NE 2	0	10	—	—	—	—
3	290	459	35° 3	34° 5	31° 9	47° 1	181	172	88	86	NNE 2	N 2	8	0	—	—	—	—
4	478	385	32° 0	39° 0	27° 9	46° 0	141	220	77	93	NNW 2	WNW 3	2	0	—	—	—	—
5	376	385	43° 0	44° 2	38° 2	47° 1	262	283	94	97	WNW 1	WNW 1-2	10	10	—	—	—	—
6	389	297	44° 3	44° 8	42° 3	51° 2	259	241	89	81	WSW 2	SW 2	9	10	—	—	—	—
7	178	079	47° 0	50° 0	43° 7	53° 0	257	332	80	92	SW 4-5	SW 4	10	10	—	—	—	—
8	261	30° 478	40° 5	31° 0	31° 0	51° 1	223	144	80	82	N 2	NE 0-1	0	5	—	—	—	—
9	337	29° 932	32° 0	45° 3	26° 0	55° 5	139	274	76	90	SSW 2	SSW 6	10	10	—	—	—	—
10	068	30° 106	45° 1	45° 0	42° 9	51° 2	254	251	85	84	WNW 1	S 2	5	10	—	—	—	—
11	30° 011	30° 004	48° 5	49° 0	44° 3	53° 2	332	305	88	88	SSW 3	SW 2	10	10	—	—	—	—
12	29° 916	29° 899	49° 3	49° 6	47° 2	54° 3	311	314	89	89	WSW 2	SW 2	9	10	—	—	—	—
13	617	541	55° 3	56° 0	49° 2	58° 5	367	374	84	82	WSW 3	SW 6-7	9	10	—	—	—	—
14	303	115	53° 5	49° 5	49° 2	58° 0	394	340	98	98	SW 8	NW 1	10	10	—	—	—	—
15	29° 735	29° 468	34° 4	32° 8	32° 5	50° 1	175	187	87	100	WNW 0-1	ESE 1	9	10	390	Wind ENE. 11a. 0 Noon. 2 p. 1. 3op. -4. 3op. and later.		
16	28° 654	28° 907	45° 1	41° 0	32° 1	46° 5	254	235	85	92	SSW 7-8	WNW-W 5	7	10	030	2 2 (gale) n. and a. 2 2 [till evening.		
17	29° 123	29° 246	36° 1	32° 8	31° 5	41° 7	202	170	95	91	W 2	W 2	10	8	020	Δ 2. 15p. 2 3p. and 5p. 0 p.		
18	238	29° 086	38° 2	35° 8	25° 0	36° 0	140	195	91	93	NNE 1	NNE 7-8	1	10	—	Dull. 2 2 wind rising, p. 2 in evening.		
19	29° 402	29° 876	33° 6	31° 7	30° 7	38° 9	166	140	86	78	NNW 2	NNE 2	9	0	—	Day fine, nearly cloudless in aft.		
20	30° 233	30° 475	28° 9	28° 7	26° 7	38° 9	132	143	84	91	NNE 1	NNE 1	0	0	—	2 ga. Very fine and clear. [2 8p.		
21	30° 486	30° 224	24° 0	31° 0	23° 5	39° 8	129	164	100	94	NNE 1	Calm	0	10	030	2 2 2 V 0 ga. Day fine, with ∞ 0.		
22	29° 978	29° 927	18° 8	21° 1	17° 4	39° 8	102	114	100	100	WSW 1	S 0-1	10	10	—	2 2 2 V 0 ga. till Noon.		
23	804	816	33° 3	41° 5	21° 1	41° 6	174	253	92	97	S 3	S 4	10	5	—	2 0 n. and a. Thaw. 2 0 mid-day.		
24	766	732	48° 5	48° 0	41° 3	52° 2	314	312	93	94	SSW-S 3-4	S 5	10	10	110	2 2 10a.		
25	491	846	49° 5	43° 6	43° 3	53° 7	288	326	82	83	SW 7	SSW 6	1	5	140	2 Noon. 2 till 3. 3op.		
26	433	29° 605	49° 8	44° 0	41° 3	54° 2	340	265	95	92	SSW-SW 4-5	S 7	10	1	—	2 2 2 2 ga. 2 p.		
27	29° 026	30° 223	42° 0	40° 0	39° 7	51° 2	239	226	90	92	SW 2	SSW 3	1	0	030	2 shower 3p.		
28	30° 288	285	44° 9	47° 8	37° 2	50° 1	267	261	90	79	S 5-6	S 6	10	10	—	2 during day, increasing p.		
29	327	360	45° 5	45° 7	43° 2	52° 2	270	270	89	89	SSW 4-5	SSW 2	9	10	—	2 during day.		
30	30° 380	30° 252	42° 2	40° 8	40° 2	46° 9	245	239	91	95	SSW 2	S 2	9	1	—	2 ga.		
Means	29° 931	29° 945	39° 9	40° 3	35° 1	48° 0	229	232	88° 6	89° 6	2° 8	3° 0	7° 0	6° 9	1° 470			

GELDESTON (BECCLLES).

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

NOVEMBER 1880.

NOVEMBER 1880.																	
Day.	Barometer at 32° and M.S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.
1	ins. 30°142	ins. 30°277	40°0	33°0	32°9	46°0	in. 1°172	in. 1°169	0°0	0°0	WNW 3	WNW 1	0	0	ins. 0°10	☐ Cir.-s. from NW. 9a. ☐ 2p.	
2	"215	"105	38°1	39°1	38°7	48°8	"196	"208	85	87	NNE 1	NE 1	1	0	"080	☐ 9a. Wind E. 5p. ☐ 0° 1p.	
3	"227	"384	44°8	40°9	37°2	46°1	"191	"180	64	70	ENE 3	NE 2	1	0	"09a.	☐ 8.30p. ☐ 0p. ☐ 9p.	
4	"413	"351	35°0	33°2	30°3	50°6	"164	"167	80	88	NNW 1	WNW 1	1	0	"010	☐ Clouds from NE. 9a. ☐ 2p.	
5	"343	"328	31°0	35°3	29°5	42°8	"181	"201	100	97	WNW 1	WNW 1	10	0	"010	☐ 9a. and 9p. ☐ during day.	
6	"339	"287	43°8	45°2	33°3	53°6	"276	"251	97	84	WNW 1	WSW 2	10	9	"130	☐ 2. Lower clouds from NW. 9a.	
7	"202	"081	46°1	51°0	42°0	51°7	"266	"331	86	85	WSW 2	WSW 4	10	10	"130	[noon. ☐ 9p.	
8	"152	30°442	42°9	37°1	36°2	51°0	"235	"194	85	88	NW 3	WNW 1	0	5	"020	☐ 9.25a. Wind WSW.	
9	30°334	29°587	32°1	41°9	29°1	41°9	"181	"224	99	85	WNW 1	SW 6	10	10	"10	☐ 9a. ☐ 9.25a. Wind WSW.	
10	29°975	30°143	44°9	37°4	37°2	49°7	"234	"204	79	92	WNW 3	NW 1	10	8	"010	☐ 9p. ☐ 9a. ☐ 9.25a. Wind WSW.	
11	30°054	30°014	46°0	50°2	36°1	51°1	"294	"356	95	98	WSW 2	SW 1	10	10	"010	☐ 9a. ☐ 9.25a. Wind WSW.	
12	29°935	29°930	49°0	50°6	47°7	52°7	"332	"343	96	93	WSW 2	SW 3	10	10	"190	☐ 9a. ☐ 9.25a. Wind WSW.	
13	"682	"612	54°0	56°9	48°5	58°4	"363	"378	87	82	WSW 5	WSW 6	10	10	"030	☐ 9a. ☐ 9.25a. Wind WSW.	
14	"398	"143	54°2	53°9	52°9	56°9	"409	"359	98	87	SW 5	WSW 5	10	10	"180	☐ 9a. ☐ 9.25a. Wind WSW.	
15	29°675	29°436	41°0	41°0	39°0	53°9	"231	"239	90	94	NNW 1	NE 1	10	10	"550	☐ 9a. ☐ 9.25a. Wind N. clouds [WSW. 0.30p. Wind ESE, cum. [SSW. 3p. ☐ 9p.	
16	28°857	28°759	50°0	45°0	39°0	52°6	"309	"225	86	76	SW 6	WSW 8	10	10	"010	☐ 9a. Bar. steady. Coloured ☐ 10a. ☐ on grass. ☐ 2p. ☐ 2p.	
17	29°087	29°186	38°1	34°2	34°1	46°8	"213	"180	93	90	W 2	WSW 1	7	0	"010	☐ on grass 9a. ☐ 7.30p. ☐ (force 7) 11p.	
18	"243	28°932	33°1	39°6	30°2	40°6	"158	"195	83	80	SW 2	E 6	0	10	"420	Bar. 28°527 2.35a. ☐ early a. ☐ Coloured ☐.	
19	29°159	29°785	41°9	35°9	35°6	43°8	"226	"148	86	70	N 5	NE 2	10	3	"010	☐ 9a. ☐ 9.25a. Wind WSW.	
20	30°126	30°409	39°0	35°2	32°4	43°3	"151	"184	64	89	ENE 2	ENE 1	2	3	"100	☐ 9a. ☐ 9.25a. Wind WSW.	
21	30°457	30°203	33°1	34°4	31°1	40°8	"185	"120	68	60	NNW 1	NE 2	8	1	"040	☐ 9a. ☐ 9.25a. Wind WSW.	
22	29°896	29°956	32°0	28°2	28°1	35°1	"137	"142	75	92	WSW 1	WSW 1	2	0	"010	☐ 9a. ☐ 9.25a. Wind WSW.	
23	"915	"933	34°1	41°0	26°9	41°0	"165	"235	83	92	S 3	SW 2	10	4	"010	☐ 9p. ☐ 9a. ☐ 9.25a. Wind WSW.	
24	"910	"861	46°9	47°9	40°9	48°9	"298	"310	93	94	SSW 3	SSW 4	10	1	"110	☐ 9a. ☐ 9.25a. Wind WSW.	
25	"543	"862	52°0	45°0	44°9	55°9	"361	"251	93	84	SW 5	WSW 2	2	0	"070	☐ 9a. ☐ 9.25a. Wind WSW.	
26	"587	29°667	52°0	48°8	39°9	57°3	"377	"300	97	86	SSW 6	SW 5	10	0	"010	☐ 9a. ☐ 9.25a. Wind WSW.	
27	29°936	30°229	43°9	42°2	42°0	51°7	"256	"245	89	91	WSW 2	WSW 2	0	0	"010	☐ 9a. ☐ 9.25a. Wind WSW.	
28	30°349	"361	45°6	44°9	38°9	49°8	"269	"276	88	93	SW 3	SW 3	8	0	"010	☐ 9a. ☐ 9.25a. Wind WSW.	
29	"397	"412	44°0	43°0	41°9	52°1	"263	"255	91	92	SW 3	SW 3	5	0	"010	☐ 9a. ☐ 9.25a. Wind WSW.	
30	30°434	30°393	41°1	42°9	38°5	44°0	"256	"256	99	93	SW 2	SW 3	10	10	"010	☐ 9a. ☐ 9.25a. Wind WSW.	
Means	29°933	29°941	42°4	41°8	36°8	48°6	"245	"237	87°6	86°7	2°7	2°7	6°6	4°7	2°000		

CHELTENHAM.

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

NOVEMBER 1880.

NOVEMBER 1880.																			
1	30'235	30'278	41'8	31'5	31'5	45'6	*209	*150	80	86	N	2	Calm	0	9	0	—	Fine, bright day.	
2	*183	*086	31'8	35'1	23'5	40'6	*139	*183	77	89	SE	1	E	1	3	5	—	Fine, bright day.	
3	*207	*430	30'6	30'8	30'6	45'5	*185	*161	86	94	N	2	Calm	0	0	0	—	Fine, bright day.	
4	*477	*400	28'5	29'5	22'0	38'2	*142	*163	91	100	N	1	Calm	0	0	2	—	Fine, bright day.	
5	*387	*395	37'8	41'5	25'6	47'0	*227	*253	100	97	S	1	Calm	0	10	10	*010	Rather dull.	
6	*428	*333	44'0	40'3	36'0	50'5	*267	*231	93	93	W	1	Calm	0	10	10	—	Very fine.	
7	*223	*129	48'5	51'5	39'4	54'0	*273	*352	81	93	W	3	Calm	0	8	10	*100	Very fine.	
8	*283	*481	43'2	31'6	31'6	51'5	*264	*160	94	91	W	1	Calm	0	0	0	—	Very fine.	
9	*340	*010	29'5	46'4	22'0	46'4	*136	*252	84	81	S	1	W	3	7	9	—	☼☼☼ (mist) — a. Very fine.	
10	*101	*124	43'2	47'7	36'0	49'8	*251	*87	89	87	NW	1	Calm	0	7	10	*150	Beautiful day.	
11	30'055	30'025	50'0	50'2	46'0	54'1	*338	*322	94	89	SW	2	Calm	0	10	10	*050	Dull and gloomy.	
12	29'055	29'947	51'5	51'8	49'0	53'5	*373	*349	98	91	W	1	W	2	8	10	*020		
13	*766	*586	54'0	55'0	51'0	56'1	*388	*381	93	88	W	4	W	4	10	10	*320	Dull and very close.	
14	*324	*124	55'4	51'6	50'2	57'2	*421	*374	96	98	S	2	SW	1	10	10	*670	☉ ² a. ☉ ⁰ all p.	
15	29'732	29'476	38'2	35'5	34'5	51'7	*203	*205	88	99	NW	1	Calm	0	10	10	*930	☉ ² all day.	
16			49'5	43'3	35'0	51'0	*255	*221	73	79	SW	6	N	2	6	8	*040	☉ ² . Very stormy. Squalls.	
17			30'9	33'4	31'5	43'3	*189	*161	87	85	W	1	Calm	0	7	3	—	Very fine.	
18			27'9	35'0	24'0	35'1	*137	*184	90	90	NW	1	NW	2	6	10	*130	— a. ☼ ⁰ at night.	
19			34'5	30'0	29'8	39'5	*175	*143	88	85	N	1	Calm	0	6	0	—	Fine day. Hills covered with snow.	
20			29'0	26'6	26'0	37'4	*148	*134	93	93	NW	1	NE	1	0	0	—	— a. Fine day.	
21			24'8	28'0	23'5	28'5	*134	*147	100	96	Calm	0	Calm	0	10	10	—	— ☼☼☼ Cold.	
22			31'0	28'2	18'8	29'0	*105	*134	94	87	Calm	0	W	1	10	9	*020	☼☼☼ all day till sp.	
23			34'8	45'5	27'2	45'8	*185	*268	92	88	SW	3	S	3	10	0	*020		
24			50'8	51'8	44'5	54'1	*323	*330	87	85	S	2	SW	3	10	6	*130	☉ a. Very fine p.	
25			50'9	46'4	43'5	56'6	*321	*258	86	82	W	3	W	1	3	0	*350	Fine day. Very stormy p.	
26			50'9	47'5	42'0	56'6	*343	*272	93	84	SW	2	SW	1	10	0	*120	Stormy a.	
27			46'4	43'5	43'0	49'5	*266	*252	85	89	SW	1	Calm	0	5	0	*020	Very fine and bright.	
28			48'8	49'3	39'4	52'2	*275	*279	79	77	W	2	SW	3	10	0	—	Very fine and bright.	
29			48'9	47'2	45'5	52'3	*278	*277	81	86	SW	2	SW	1	8	10	—	Very fine and bright.	
30			44'3	45'5	40'8	48'2	*255	*263	88	87	S	1	S	1	6	10	—	Very fine and bright.	
Means	—	—	41'1	41'0	34'8	47'4	*240	*238	88'7	89'0		1'7		1'0	7'0	5'7	2'980		

CARMARTHEN.

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

NOVEMBER 1880.

Day.	Barometer at 33° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.				
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.						
1	ins.	ins.	30°243	30°260	45°0	37°3	36°7	49°6	in.	in.	%	%	N	1	N	2	6	2	ins.	—
2	155	064	32°1	39°1	30°5	44°5			137	196	74	82	E	1	E	1	4	10	—	—
3	278	447	43°6	37°1	33°7	48°4			203	182	71	82	E	2	E	3	0	0	—	—
4	507	432	30°2	41°1	26°5	49°9			137	225	81	87	Calm	0	Calm	0	0	10	—	—
5	425	435	39°6	46°0	37°5	51°4			227	287	93	93	Calm	0	Calm	0	9	10	—	—
6	435	327	44°7	45°7	43°9	52°2			248	290	84	95	W	2	Calm	0	10	10	—	—
7	259	509	50°9	51°9	42°4	53°5			325	384	88	99	SW	3	SW	3	10	10	210	—
8	291	479	47°0	35°8	35°3	52°6			257	184	80	89	N	2	Calm	0	0	0	—	—
9	389	070	29°7	48°8	27°5	49°1			150	296	91	86	N	1	SW	4	0	10	040	—
10	103	093	46°4	49°5	45°1	53°0			298	344	95	98	Calm	0	SW	1	6	10	220	—
11	30°037	30°031	52°3	50°9	48°9	54°7			393	365	100	98	SW	2	SW	1	10	10	180	—
12	29°095	29°029	49°0	52°5	48°5	54°5			338	365	97	93	W	3	SW	4	8	10	110	—
13	749	623	54°7	53°4	51°8	55°7			415	400	97	100	SW	7	SW	7	10	10	710	Squalls before 9a.
14	302	177	53°9	50°0	49°6	54°8			404	339	98	94	SW	4	NW	6	10	7	540	Stormy all day.
15	29°731	29°378	37°1	38°3	35°3	50°2			199	230	90	99	Calm	0	E	2	6	10	660	—
16	28°653	28°984	45°0	40°1	30°7	51°7			247	206	83	83	SW	7	NW	2	10	5	030	Stormy all past n.
17	29°208	29°287	41°4	29°4	29°0	44°1			181	162	69	100	NW	2	Calm	0	2	0	120	✱
18	150	28°090	31°6	38°1	27°4	38°9			152	184	86	80	N	2	N	4	3	10	—	✱ before 9a. (2 inches deep a.)
19	29°451	29°840	37°3	33°2	32°1	44°5			183	162	83	86	Calm	0	N	2	0	0	—	—
20	30°228	30°451	29°4	28°6	26°3	42°5			135	140	83	89	Calm	0	E	2	0	0	—	—
21	30°432	30°182	29°8	26°9	24°5	40°0			144	140	86	90	Calm	0	E	2	0	0	—	—
22	29°977	29°810	25°7	35°3	22°7	38°5			105	177	77	86	E	2	SE	3	3	10	240	—
23	704	732	42°3	48°9	34°8	53°2			261	339	97	98	S	3	SW	4	10	10	600	—
24	662	534	50°5	52°5	48°6	52°9			365	381	99	97	S	7	SW	7	10	10	340	Squally a. and p.
25	577	709	48°5	48°3	44°9	53°4			367	308	80	92	SW	8	SW	1	10	0	470	Squally a.
26	474	29°642	51°2	46°7	45°7	54°2			327	256	87	81	SW	4	SW	4	10	10	160	Squalls before 9a.
27	29°942	30°257	43°8	48°0	42°8	51°5			267	301	94	90	W	1	SW	2	4	10	030	—
28	30°300	274	50°9	50°1	47°6	51°6			311	316	84	87	SW	4	SW	6	10	10	010	Squalls p.
29	327	287	50°1	49°5	49°1	52°4			333	328	92	94	SW	4	SW	1	10	9	—	—
30	30°369	30°234	47°2	49°2	45°6	50°0			284	286	89	82	SW	2	SW	2	7	10	060	—
Means	29°945	29°940	42°7	43°4	38°2	49°8			252	266	87°1	90°8	2°5		2°5	5°9	7°1	4°720		

MARLBOROUGH.

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

NOVEMBER 1880.

1	30°22'	30°309	41°8'	34°1'	34°1'	46°8'	*215	*170	82	86	N	1	Calm	0	9	1	—	Fine.	
2	*197	*096	28°8'	32°0	25°6'	41°2'	*135	*167	86	92	Calm	1	Calm	0	8	5	—	— Fine but cold.	
3	*224	*407	30°6'	36°3'	31°7'	45°8'	*184	*188	86	89	NE	1	N	1	8	1	—	— Fine.	
4	*478	*428	33°2'	31°1'	20°8'	45°1'	*160	*164	85	95	Calm	0	Calm	0	8	0	*010	— Fine.	
5	*422	*422	37°7'	43°2'	29°9'	47°6'	*222	*239	99	86	Calm	0	Calm	0	10	10	—	Dull.	
6	*442	*367	43°7'	43°3'	39°8'	50°0'	*260	*238	91	85	Calm	0	Calm	0	10	7	—	Dull.	
7	*294	*180	45°3'	45°7'	42°6'	50°4'	*263	*323	87	94	Calm	0	W	1	10	10	*130	Dull.	
8	*260	*472	43°5'	34°5'	32°9'	51°6'	*251	*166	89	83	Calm	0	Calm	0	8	0	—	— Very fine.	
9	*407	*080	27°8'	43°4'	24°3'	43°9'	*136	*241	90	86	Calm	0	W	1	3	10	—	Fine.	
10	*125	*170	43°6'	45°4'	42°0'	53°7'	*268	*258	94	86	Calm	0	W	1	8	10	*070	Very fine.	
11	30°09'	*081	48°7'	47°9'	44°8'	53°0'	*328	*327	96	98	SW	1	Calm	0	10	10	*030	Damp and dull.	
12	29°993	30°004	51°6'	49°7'	47°6'	52°8'	*356	*330	93	93	Calm	0	W	1	10	10	*020	Dull.	
13	*812	29°703	53°6'	53°9'	49°6'	56°7'	*379	*378	93	91	W	2	W	3	10	10	*150	Windy.	
14	*417	*145	54°4'	52°0'	50°5'	56°0'	*400	*377	95	97	SW	3	SW	1	10	10	*320	Windy.	
15	29°760	29°521	39°0'	37°5'	36°4'	53°9'	*219	*210	93	93	Calm	0	Calm	0	10	10	*590		
16	28°844	28°982	47°3'	39°3'	36°6'	52°5'	*261	*199	81	84	SW	1	W	1	2	8	*030	Fine but windy. p.	
17	29°166	29°308	35°0'	30°0'	30°0'	45°9'	*196	*152	96	92	Calm	0	Calm	0	6	0	—	Very fine.	
18	*227	28°816	26°7'	32°8'	24°1'	34°1'	*142	*186	98	100	Calm	0	E	3	9	10	*700	20 (mist) ga. ✱ from 3-457m. 48 [inches deep.	
19	29°380	29°834	34°7'	32°8'	32°5'	39°4'	*170	*150	84	81	N	1	Calm	0	8	0	—	✱ before ga. Thaw.	
20	30°185	30°457	28°0'	29°5'	25°2'	38°4'	*124	*143	82	88	Calm	0	Calm	0	0	0	—	Very fine.	
21	*472	30°237	28°0'	29°6'	26°3'	31°8'	*153	*158	100	97	Calm	0	Calm	0	10	1	—	ga. Fine day.	
22	30°010	29°922	15°8'	27°8'	15°8'	32°3'	*089	*124	100	82	Calm	0	Calm	0	3	10	*050	ga. and before. Very fine.	
23	29°870	*919	33°3'	41°6'	27°3'	42°9'	*181	*256	95	97	S	1	W	1	10	10	*140	✱ Sa.—ga. Thaw. p	
24	*868	*843	47°9'	50°6'	40°8'	52°7'	*308	*336	93	92	SW	1	W	2	10	7	*410	Fine, ✱ all night.	
25	*634	*961	50°4'	42°0'	41°8'	53°8'	*303	*233	83	88	W	1	Calm	0	9	0	*367		
26	29°558	29°728	54°0'	45°0'	41°3'	55°6'	*397	*267	95	89	SW	2	NW	2	10	1	*100	Fine.	
27	30°017	30°314	42°7'	39°7'	39°3'	51°4'	*395	*224	85	92	W	1	Calm	0	1	0	—	Fine.	
28	*404	*396	45°3'	46°8'	39°3'	51°5'	*265	*269	88	84	NW	1	NW	1	10	4	—	Fine.	
29	*413	*449	44°7'	41°7'	41°4'	51°7'	*255	*259	86	98	SW	1	Calm	0	6	6	—	ga.	
30	30°448	30°335	41°0'	45°7'	38°1'	46°4'	*246	*280	96	92	Calm	0	Calm	0	10	10	—	before ga.	
Means	29°988	29°996	40°1'	40°3'	35°4'	47°6'	*237	*234	90°7'	90°3'			0°6'		0°6'	7°9'	5°7'	3°250	

RE 7485.

Z

STRATHFIELD TURGISS.

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

NOVEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	43°	31°	46°	ins.	ins.	77%	77%	N 3	NE 1	8	0	ins.	
2	30°231	30°311	43°	43°	31°	46°	157	156	93	98	NE 1	NE 1	0	0	—	Ground p.
3	30°202	30°282	40°	40°	35°	48°	201	184	82	88	NE 3	NE 2	5	0	—	mid-day.
4	30°243	30°323	40°	40°	35°	48°	201	184	82	88	NE 3	NE 2	5	0	—	mid-day.
5	30°292	30°372	42°	42°	37°	47°	215	240	96	90	Calm	NE 1	10	10	—	mid-day.
6	30°423	30°503	45°	45°	43°	51°	273	230	91	81	N 1	NW 1	10	10	—	mid-day.
7	30°480	30°560	46°	46°	48°	51°	273	230	91	81	W 3	W 3-4	10	10	—	Squally p.
8	30°437	30°517	45°	45°	43°	51°	273	230	91	81	N 2	NE 2	0	0	—	mid-day.
9	30°391	30°471	42°	42°	44°	48°	252	262	84	91	NE 1	W 3-4	0	10	—	mid-day.
10	30°302	30°382	45°	45°	40°	53°	261	227	86	92	NW 2	SW 1	4	9	—	Squally p.
11	30°202	30°282	49°	49°	51°	54°	339	360	95	95	SW 2	SW 2	10	10	—	Squally p.
12	30°008	30°088	52°	52°	50°	55°	369	324	94	90	W 3	SW 2	10	10	—	Squally p.
13	30°818	30°898	54°	54°	55°	57°	378	385	89	87	W 6-4	W 6-5	10	10	—	Squally p.
14	30°445	30°525	55°	55°	53°	57°	431	385	95	90	W 4-3	SW 4-3	10	10	—	Squally p.
15	30°757	30°837	59°	59°	59°	61°	557	513	96	96	N 1	NE 2	10	10	—	Squally p.
16	30°882	30°962	58°	58°	58°	61°	557	513	96	96	SW 4-5	W 5-4	2	8	—	Squally p.
17	30°149	30°229	57°	57°	57°	60°	544	500	95	89	W 2	N 1	4	0	—	Squally p.
18	30°234	30°314	59°	59°	59°	61°	557	513	96	96	SW 0-1	SE 4-5	8	10	—	Squally p.
19	30°356	30°436	57°	57°	57°	60°	544	500	95	89	N 3	NE 1	10	1	—	Squally p.
20	30°139	30°219	52°	52°	52°	55°	460	416	88	75	NE 2	NE 2	0	0	—	Squally p.
21	30°454	30°534	50°	50°	50°	53°	450	406	94	97	Calm	Calm	0	10	—	Squally p.
22	30°002	30°082	52°	52°	52°	55°	460	416	92	79	Calm	N 1	10	10	—	Squally p.
23	30°888	30°968	53°	53°	53°	56°	460	416	88	92	SW 1	SW 1	10	8	—	Squally p.
24	30°001	30°081	49°	49°	49°	52°	430	386	86	89	S 3-4	SW 15-4	10	10	—	Squally p.
25	30°643	30°723	52°	52°	52°	55°	460	416	85	84	W 6-4	NW 2	9	0	—	Squally p.
26	30°646	30°726	52°	52°	52°	55°	460	416	85	84	SW 4-5	SW 4-3	10	0	—	Squally p.
27	30°022	30°102	45°	45°	45°	48°	380	336	89	90	W 3	W 2	0	0	—	Squally p.
28	30°409	30°489	47°	47°	47°	50°	420	376	87	79	SW 3-4	W 3	8	4	—	Squally p.
29	30°443	30°523	46°	46°	46°	49°	420	376	85	95	SW 2	W 1	7	0	—	Squally p.
30	30°451	30°531	47°	47°	47°	50°	420	376	85	95	SW 2	SW 2-3	10	10	—	Squally p.
Means	29°989	29°988	42°	42°	40°	48°	244	233	87°	87°	2°	2°	6°	5°	2°	212

RAMSGATE.

Height above Mean Sea Level, 105 feet. Long. 1° 25' E. Lat. 51° 20' N.

NOVEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 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°219	30°299	43°	43°	33°	50°	211	234	75	89	NW 1	NW 1	5	5	0°60	
2	30°204	30°284	42°	42°	33°	47°	234	202	89	75	NW 1	NW 3	5	5	0°20	Two 2° showers, in sunshine.
3	30°251	30°331	42°	42°	38°	46°	208	218	76	84	E 4	E 6	3	0	—	
4	30°408	30°488	43°	43°	38°	48°	193	226	68	94	E 4	Calm	0	0	—	
5	30°353	30°433	40°	40°	32°	41°	218	238	98	97	N 2	W 1	10	10	—	(mist) p.
6	30°381	30°461	43°	43°	34°	44°	283	227	100	95	NW 1	NW 1	10	5	—	
7	30°270	30°350	45°	45°	35°	53°	290	219	96	98	NW 1	Calm	0	1	—	
8	30°187	30°267	45°	45°	40°	49°	276	212	92	85	NW 1	NW 1	2	3	—	
9	30°362	30°442	45°	45°	44°	46°	203	289	98	97	N 2	NW 1	6	1	—	
10	30°058	30°138	45°	45°	40°	49°	276	212	92	85	NW 3	NW 1	0	9	—	
11	30°168	30°248	47°	47°	46°	51°	324	353	99	99	SW 1	Calm	0	10	—	D ²
12	30°014	30°094	49°	49°	49°	53°	345	330	99	94	SW 1	Calm	0	10	—	
13	30°831	30°911	54°	54°	55°	57°	404	415	94	96	SW 6	SW 7	10	10	—	Squally p.
14	30°523	30°603	53°	53°	53°	55°	399	394	98	95	SW 8	SW 10	10	10	—	Squally p.
15	30°691	30°771	44°	44°	43°	45°	259	296	87	93	NW 1	SW 4	10	3	—	
16	30°064	30°144	50°	50°	44°	52°	345	248	96	83	SW 7	SW 5	10	10	—	Squally p.
17	30°140	30°220	56°	56°	53°	56°	317	182	99	95	W 1	W 1	6	0	—	
18	30°287	30°367	53°	53°	53°	55°	182	250	95	100	Calm	S 7	10	10	—	Squally p.
19	30°215	30°295	50°	50°	51°	54°	242	215	100	82	W 4	SW 2	10	10	—	Squally p.
20	30°069	30°149	57°	57°	53°	56°	218	205	98	99	E 2	Calm	0	9	—	before ga. * p.
21	30°393	30°473	56°	56°	53°	59°	376	354	81	74	Calm	W 3	0	10	—	* before ga. *
22	30°004	30°084	53°	53°	53°	55°	174	136	92	82	Calm	Calm	0	10	—	
23	30°946	30°1026	54°	54°	54°	56°	188	272	94	99	S 4	S 2	10	0	—	
24	30°990	30°1050	54°	54°	54°	56°	188	272	94	99	S 4	S 2	10	0	—	
25	30°725	30°805	53°	53°	53°	55°	381	267	97	92	S 5	S 6	10	10	—	Squally p.
26	30°717	30°797	53°	53°	53°	55°	400	349	99	96	S 7	S 6	10	10	—	Squally p.
27	30°062	30°142	47°	47°	43°	51°	309	275	97	98	S 1	Calm	0	5	—	
28	30°478	30°558	43°	43°	41°	48°	275	258	98	98	Calm	S 3	7	0	—	
29	30°474	30°554	46°	46°	43°	50°	289	275	94	98	S 1	S 1	3	0	—	
30	30°512	30°592	47°	47°	45°	51°	250	289	98	97	S 1	S 2	10	10	—	
Means	29°997	29°988	43°	43°	36°	48°	269	264	93°	92°	2°	2°	7°	5°	4°	130

SOUTHAMPTON.

Height above Mean Sea Level, 74 feet. Long. 1° 24' W. Lat. 50° 55' N.

NOVEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	39°	38°	49°	ins.	ins.	86	79	N	NE	2	9	10	—	ga. and before.	
2	30°234	30°304	36°	33°	30°	47°	182	187	84	81	NE	NE	2	10	0	—		
3	186	354	38°	37°	31°	46°	186	182	81	82	NE	NE	4	0	0	—	a.	
4	468	363	36°	35°	31°	48°	176	186	82	88	NE	NW	2	1	0	—	a. on ground op.	
5	401	405	38°	43°	30°	45°	225	251	96	90	NNW	NW	1	10	9	—		
6	431	369	43°	45°	40°	51°	267	256	93	85	NW	NW	1	10	10	—	ga.	
7	326	403	46°	50°	43°	51°	282	321	91	89	SW	SW	2	10	10	0	ga.	
8	242	423	46°	36°	35°	51°	283	190	89	89	NNW	NNE	2	10	0	—	3.30a. on ground op.	
9	404	106	30°	44°	27°	44°	145	236	86	81	Calm	SW	3	0	10	—	ga.	
10	131	106	45°	47°	43°	53°	287	94	93	W	SSW	1	5	7	10	0	22a. ga. ga.	
11	117	042	50°	52°	46°	53°	362	382	98	97	SW	SW	1	10	10	0	705 p.	
12	30°030	30°031	52°	52°	47°	55°	380	373	95	94	SW	SW	2	10	10	—		
13	2880	29°761	55°	56°	51°	59°	395	391	91	87	WSW	SW	5	10	10	0	178	
14	488	177	54°	53°	52°	56°	416	397	96	97	SW	SW	5	10	10	0	242	
15	29°755	541	42°	43°	41°	54°	237	249	86	80	NW	W	2	10	10	0	464	
16	28°8	018	50°	43°	40°	53°	280	218	78	78	SW	SW	5	6	9	0	048	
17	29°171	29°320	38°	33°	32°	46°	204	168	89	88	WNW	W	2	1	0	—	2 ga. (force 6) during day. op.	
18	190	28°707	34°	36°	28°	36°	166	193	83	90	ESE	NE	1	10	10	0	285 (mist) ga. * 11.25a. 47a. [then ga.]	
19	29°369	29°785	37°	35°	34°	42°	191	172	87	84	NNW	NE	3	10	0	—	* (sleet) n. on ground.	
20	30°158	30°433	32°	31°	29°	39°	148	145	81	80	NNE	NE	2	0	0	—	ga. and op. ga. p. [op.]	
21	453	30°207	30°	30°	27°	36°	170	166	100	99	NE	NE	2	9	9	—	ga.	
22	30°008	29°942	22°	37°	22°	38°	130	178	100	78	NW	NW	1	SW	3	10	—	2 ga.
23	29°888	043	38°	47°	35°	47°	189	315	82	97	SSE	SW	3	10	5	0	075	
24	931	879	49°	52°	46°	53°	320	373	89	94	S	SW	4	10	9	0	418	
25	968	993	53°	45°	44°	55°	361	284	88	94	WSW	SW	2	9	0	0	350	
26	29°623	29°782	54°	48°	45°	55°	412	286	95	83	SW	SW	3	10	1	0	295	
27	30°061	30°340	42°	42°	42°	52°	280	248	87	90	WSW	SW	2	1	0	0	002	
28	440	436	47°	48°	39°	53°	315	303	96	88	SW	SW	2	10	10	—	2 ga. and before.	
29	451	455	48°	46°	45°	54°	289	84	92	SSW	SW	2	5	9	9	0	004	
30	30°462	30°343	42°	47°	36°	48°	267	300	99	92	SE	SW	3	10	10	—	early a. 2 ga.	
Means	30°002	29°996	43°	45°	38°	49°	260	257	89	88	2	2	2	2	2	2	516	

DARTMOOR.

Height above Mean Sea Level, 1,359 feet. Long. 3° 59' W. Lat. 50° 33' N.

NOVEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	30° 287	30° 287	30° 287	30° 287	ins.	ins.	89	92	NE 1	NE 2	10	10	ins.	
2	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
3	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
4	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
5	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
6	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
7	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
8	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
9	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
10	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
11	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
12	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
13	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
14	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
15	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
16	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
17	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
18	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
19	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
20	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
21	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
22	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
23	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
24	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
25	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
26	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
27	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
28	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
29	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
30	30° 259	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	30° 287	89	92	E 2	E 2	10	10	ins.	
Means	30° 003	29° 991	39° 9	40° 0	35° 3	44° 3	238	242	93° 0	94° 2	2° 7	2° 8	7° 8	7° 3	10° 780	

BABBACOMBE.

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

NOVEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 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° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
2	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
3	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
4	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
5	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
6	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
7	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
8	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
9	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
10	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
11	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
12	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
13	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
14	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
15	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
16	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
17	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
18	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
19	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
20	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
21	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
22	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
23	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
24	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
25	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
26	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
27	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
28	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
29	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
30	30° 253	30° 247	46° 5	44° 3	39° 9	51° 6	285	231	91	79	Calm	0	5	10	010	● showers to 1p. ○ 3.45p.-4p.
Means	29° 982	29° 987	45° 3	44° 4	40° 4	50° 2	260	263	86° 6	87° 5	3° 5	3° 7	7° 3	6° 4	3° 850	

ST. AUBIN'S, JERSEY.

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

NOVEMBER 1880.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	30° 285	30° 262	48° 7	48° 6	45° 3	56° 0	311	305	91	90	N 2	Calm 0	8	10	ins.	Bar. very steady.
2	30° 064	29° 948	45° 4	43° 2	44° 2	44° 8	48° 8	390	209	96	76	ENE 3	E 2	10	8	—	Gloomy, with cold wind.	
3	29° 996	30° 203	47° 3	45° 3	41° 3	48° 7	197	214	61	71	NE 5	NE 7	1	0	—	all day, (force 8 in squalls). Bright [and fine. Rel. hum. 54 p.		
4	30° 335	30° 388	46° 6	45° 5	42° 4	48° 4	203	214	64	70	NE 4	NE 2	1	4	—	with squalls. Very fine day.		
5	30° 390	30° 433	49° 5	49° 0	41° 8	51° 8	265	261	74	75	NE 1	NE 1	2	10	—	0 a.		
6	30° 450	30° 460	50° 3	48° 7	47° 0	52° 0	285	255	79	74	Calm 0	Calm 0	10	10	017	Dull and mild. Bar. very steady.		
7	30° 459	30° 355	51° 0	49° 5	45° 1	52° 0	338	318	87	90	NW 1	W 1	9	10	090	Dull and mild. [Bar. rising p.		
8	30° 272	30° 372	53° 8	47° 6	46° 7	55° 0	380	242	91	73	NW 1	NE 3	10	10	058	Gloomy day. Mild a. Cold wind p.		
9	30° 415	30° 263	46° 4	47° 6	42° 2	51° 1	219	232	70	70	ENE 2	W 2	3	10	117	Very clear a. Day fine but cloudy. [Wind veered to W.		
10	30° 217	30° 203	50° 4	49° 3	47° 0	57° 0	346	321	94	92	W.b.N 1	W 1	7	6	068	Mild day.		
11	30° 233	30° 206	50° 9	53° 1	48° 2	53° 1	300	368	81	91	SW 3	SW 3	10	10	096	Dull and mild.		
12	30° 199	30° 196	53° 0	53° 4	51° 1	54° 7	358	371	89	91	SW 3	W 4	10	10	024	Dull and mild. Bar. falling slowly 11 p.		
13	30° 095	29° 970	54° 1	54° 7	52° 1	55° 3	376	385	80	90	W by S 5	SW 6	4	10	049	Mild. [at night.		
14	29° 672	30° 404	55° 6	55° 2	53° 4	57° 0	386	360	87	83	SSW 5	SW 8	8	10	210	Very mild. [gale) from 7 p., with [squalls reaching force 9.		
15	30° 842	30° 680	49° 5	53° 4	48° 0	55° 2	285	350	81	86	W 2	SW 5	10	10	400	● n, and a. Bar. unsteady from 11 a. U 0.820 p.		
16	30° 124	30° 153	52° 1	49° 2	45° 7	54° 9	304	310	78	80	SW 7	WSW 7	10	8	850	● (gale) 2 with squalls. U 11 p.		
17	30° 213	29° 420	45° 3	43° 8	42° 2	50° 6	223	197	74	69	N 2	W.b.N 2	7	6	330	● showers n, and a. Wind NW, p.		
18	30° 134	29° 779	44° 8	48° 0	39° 9	51° 9	276	304	93	92	SSE 3	NW 7	7	10	505	● with squalls (mod. gale) p. Wind [veered. Bar. 28° 515 p.		
19	29° 407	29° 688	42° 9	45° 0	40° 1	48° 3	237	229	86	77	NNE 2	NE 3	8	0	052	U 11 p.		
20	30° 086	30° 366	43° 9	40° 2	39° 0	45° 4	191	160	67	64	NE 3	E 4	5	0	—	Day very cloudy. Cold breeze. Very [clear 9 p.		
21	30° 416	30° 182	38° 0	36° 7	33° 9	40° 7	142	133	62	61	E 3	E 2	0	0	—	Very fine and bright, with cold breeze. [Very dry. Bar. falling from 11 a. Fine but very cold.		
22	30° 037	29° 994	37° 9	34° 0	32° 3	39° 4	148	144	65	74	S by E 2	S by E 3	0	8	—	Milder. Temp. rising p. D 0 p.		
23	29° 947	30° 055	39° 4	46° 4	32° 2	46° 4	212	292	88	93	S 3	S 2	10	0	090	Mild. [Bar. falling from 9 p.		
24	30° 061	30° 016	47° 8	52° 9	46° 0	53° 0	314	372	95	93	S 3	S by W 3	10	10	272	Very mild. Sun very warm a. D p.		
25	29° 896	30° 066	53° 6	50° 1	49° 3	56° 7	366	336	89	93	SW 3	SW 2	7	0	170	● showers till 2 p. Gloomy and mild. [at times.		
26	29° 823	29° 940	54° 5	51° 3	49° 0	55° 0	393	306	93	80	SSW 3	SW 3	10	6	185	D a. and p. Very fine and mild.		
27	30° 163	30° 441	51° 6	46° 8	46° 8	55° 0	304	282	79	88	W by S 3	Calm 0	0	0	013	D 2 a. and p. Very fine and mild.		
28	30° 564	30° 542	50° 4	47° 7	46° 0	53° 7	308	313	85	95	SSW 1	SW 2	7	0	004	tilt rod. Rod sunset. D 0 p. Sea [roaring.		
29	30° 546	30° 525	42° 5	41° 5	40° 5	48° 0	268	237	98	90	SSE 1	SE 2	10	3	—	D 0 a. Gloomy till 5 p. D p.		
30	30° 508	30° 420	41° 9	46° 0	39° 0	46° 5	255	287	96	93	SSE 2	SE 2	10	2	—			
Means	30° 062	30° 061	48° 0	47° 5	43° 9	51° 4	282	277	82° 7	82° 4	2° 6	3° 0	7° 1	6° 3	3° 689			

MARKREE CASTLE, SLIGO.

Height above Mean Sea Level, 131 feet. Long. 8° 27' W. Lat. 54° 11' N.
NOVEMBER 1880.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	30° 25' 9	38° 5	29° 0	46° 6	in.	in.	9/10	9/10	Calm	0	10	0	ins.	1 gp.
2	"116	"049	30° 25' 9	38° 5	29° 0	46° 6	"154	"219	94	95	Calm	0	10	0	"003	
3	"342	"511	33° 6	27° 1	26° 9	49° 6	"222	"87	87	87	Calm	0	10	0	"002	2 a. and p. W at night.
4	"502	"454	38° 2	44° 8	22° 4	49° 4	"220	"241	96	81	Calm	0	10	10	"027	
5	"426	"395	42° 5	44° 8	39° 4	54° 1	"266	"261	88	88	Calm	0	10	10	"	
6	"308	"178	40° 5	51° 2	43° 5	54° 6	"323	"302	92	80	SW	1	SW	3	"112	
7	"052	"187	51° 1	46° 1	43° 8	53° 2	"363	"249	96	80	WNW	1	NW	2	"080	
8	"398	"444	39° 9	37° 1	35° 3	48° 5	"223	"186	91	84	Calm	0	10	3	6	
9	"159	30° 013	45° 6	49° 3	35° 8	52° 4	"280	"323	92	92	SW	2	WSW	3	"260	
10	30° 035	29° 000	47° 1	51° 6	44° 1	52° 6	"302	"370	93	97	Calm	0	SW	1	"112	
11	29° 021	"865	50° 4	48° 0	47° 5	56° 0	"353	"319	96	96	S	1	Calm	0	"317	
12	"837	"601	51° 4	52° 4	45° 1	53° 4	"323	"377	85	97	W	3	SW	4	"860	
13	"421	"248	55° 5	55° 0	52° 0	57° 4	"426	"403	97	93	WSW	4	WSW	3	"744	
14	"064	"532	52° 5	37° 6	36° 9	55° 4	"359	"145	91	64	WSW	3	NE	3	"224	
15	29° 623	"108	32° 3	37° 9	26° 7	38° 8	"141	"215	77	95	ESE	2	ESE	3	"058	
16	28° 881	"087	39° 1	39° 1	37° 3	44° 2	"206	"193	86	81	NE	2	NNW	4	"036	
17	29° 236	"303	33° 1	32° 1	27° 7	40° 4	"168	"166	89	91	NW	2	Calm	0	"170	
18	"296	29° 366	28° 5	27° 6	20° 3	30° 3	"124	"118	81	79	NE	1	Calm	0	"	
19	29° 048	30° 002	24° 3	30° 7	18° 3	39° 8	"131	"154	100	90	Calm	0	Calm	0	"049	
20	30° 203	"351	23° 1	29° 2	19° 0	39° 4	"102	"142	84	88	Calm	0	SE	2	"	
21	30° 238	30° 008	33° 4	35° 5	28° 1	39° 4	"169	"170	88	82	SE	3	SE	4	"087	
22	29° 730	29° 538	34° 1	37° 2	32° 1	38° 6	"163	"202	82	91	SE	5	SE	5	"119	
23	"493	"434	38° 7	43° 2	35° 3	49° 1	"226	"276	96	99	Calm	0	Calm	0	"088	
24	"425	"057	40° 1	51° 1	40° 4	51° 4	"275	"342	89	91	SW	4	SW	6	"222	
25	29° 231	"440	45° 2	45° 2	41° 3	51° 9	"247	"262	83	88	SW	3	SSE	3	"130	
26	28° 878	"304	48° 7	43° 3	40° 5	50° 7	"262	"227	77	81	WSW	6	SW	3	"067	
27	29° 758	"855	40° 4	48° 1	36° 8	48° 4	"228	"269	91	80	Calm	0	SW	5	"053	
28	29° 771	29° 031	51° 1	48° 1	47° 3	52° 5	"352	"316	93	94	SW	5	WSW	2	"291	
29	30° 171	30° 254	36° 2	41° 6	33° 1	48° 4	"197	"258	92	99	Calm	0	Calm	0	"155	
30	30° 041	29° 027	51° 1	50° 1	39° 9	52° 6	"360	"301	96	83	WSW	3	WSW	3	"310	
Means	29° 819	29° 820	41° 3	41° 8	35° 0	48° 4	"245	"243	89° 8	87° 8	1° 7	2° 1	8° 0	7° 5	4° 576	

DUBLIN.

Height above Mean Sea Level, 51 feet. Long. 6° 15' W. Lat. 53° 20' N.
NOVEMBER 1880.

[illegible]

BIRR CASTLE, PARSONSTOWN.

Height above Mean Sea Level, 182 feet. Long. $7^{\circ} 55' W.$ Lat. $53^{\circ} 6' N.$
NOVEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	36°	36°	46°	in.	in.	°/o	°/o	E	0°	ESE	1	10	2	ins.
2	30° 307	30° 258	41° 7	36° 2	36° 0	46° 8	*237	*166	90	78	E	0°	ESE	1	10	2	—
3	*127	*085	38° 1	36° 0	32° 0	46° 8	*215	*186	94	87	Calm	0	Calm	0	10	0	—
4	*343	*549	30° 0	29° 3	27° 0	47° 7	*161	*157	97	97	Calm	0	Calm	0	10	0	☼ 9p.
5	*547	*493	33° 7	47° 5	23° 4	48° 8	*148	*324	76	98	Calm	0	Calm	0	1	10	*004
6	*480	*463	42° 6	45° 0	41° 0	53° 2	*264	*247	97	83	SSW	1	W	2	1	10	—
7	*395	*279	45° 7	49° 0	42° 0	52° 8	*280	*289	92	83	SSW	1	W	3	10	10	*006
8	*152	*209	52° 4	35° 8	45° 8	53° 4	*351	*299	90	97	WSW	4	Calm	0	10	10	*237
9	*414	*505	34° 9	32° 9	32° 6	46° 9	*199	*177	98	95	Calm	0	Calm	0	7	—	☼ all day.
10	*302	30° 081	41° 6	50° 5	29° 9	51° 3	*228	*336	87	91	SW	3	W	4	10	10	☼ (mist) 9a.
11	30° 084	29° 980	48° 6	51° 1	44° 4	51° 8	*343	*368	100	98	S	1	W	0°	10	10	☼ till 9a.
12	29° 992	*916	50° 1	52° 4	48° 4	56° 4	*355	*374	98	95	SW	2	SSW	5	8	10	*046
13	*933	*735	50° 4	52° 1	45° 6	53° 5	*349	*374	95	96	SSW	4	SW	1	10	10	*450
14	*553	*367	56° 6	55° 2	51° 7	58° 0	*420	*410	91	94	SW	6	SW	5	10	10	*512
15	*130	*528	52° 0	36° 4	36° 3	56° 5	*356	*161	92	75	SW	2	NNW	3	10	0	*079
16	29° 633	*117	31° 6	41° 3	27° 1	44° 8	*146	*247	81	96	SE	1	SE	5	10	10	*443
17	28° 836	*113	38° 6	34° 7	33° 1	47° 4	*192	*180	82	90	N	2	WSW	2	8	0	—
18	29° 295	*332	32° 1	28° 1	27° 0	38° 0	*181	*136	99	88	WNW	2	NW	1	1	1	*098
19	*215	*297	32° 7	31° 3	28° 3	38° 5	*163	*152	87	86	NE	2	NE	1	10	1	—
20	29° 626	29° 961	26° 1	33° 7	21° 9	37° 8	*142	*188	100	96	Calm	0	NNE	3	0	10	—
21	30° 290	30° 409	29° 5	27° 3	27° 3	46° 6	*155	*133	95	89	Calm	0	Calm	0	0	0	—
22	30° 277	30° 046	36° 8	37° 1	26° 2	41° 1	*160	*183	73	83	SE	5	ESE	4	1	10	—
23	29° 780	29° 572	36° 8	39° 7	35° 9	41° 5	*178	*230	81	94	SE	5	E	4	10	10	*152
24	*572	*518	37° 8	44° 1	34° 1	50° 5	*218	*273	97	94	S	1	NW	1	4	2	*292
25	*555	*222	45° 8	53° 1	41° 3	53° 8	*299	*354	97	87	SSW	0°	SE	10	7	10	*238
26	*384	*534	44° 7	45° 8	41° 8	54° 1	*244	*274	83	89	E	4	SW	1	5	10	*193
27	*145	29° 450	49° 2	41° 6	41° 2	51° 7	*261	*231	74	89	SSW	8	SW	6	2	10	*173
28	*877	30° 026	39° 6	45° 7	37° 8	47° 4	*225	*285	93	94	SW	1	S	3	10	2	*008
29	29° 945	*019	51° 0	51° 9	45° 0	54° 9	*311	*368	80	95	SSW	4	SSW	2	10	10	*195
30	30° 219	*296	44° 8	43° 7	43° 6	52° 4	*295	*276	100	96	S	1	Calm	0	10	9	*155
30	30° 147	30° 052	44° 5	48° 4	45° 0	52° 2	*333	*281	90	83	S	3	S	3	10	8	*098
Means	29° 886	29° 881	41° 6	42° 2	36° 4	49° 2	*247	*255	90° 3	90° 5	2° 1	2° 4	7° 1	6° 5	3° 587		

DUNROBIN CASTLE.

Height above Mean Sea Level, 12 feet. Long. $3^{\circ} 59' W.$ Lat. $57^{\circ} 57' N.$
DECEMBER 1880.

[illegible]

BRAEMAR.

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

DECEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	37.8	37.8	48.9	ins.	ins.	0/100	0/100	SW 0.5	NW 2	8	7	ins.	
2	30.037	30.199	35.0	29.5	29.4	45.5	1.96	1.48	96	90	SW 1	SW 0.5	8	4	0.030	
3	0.073	0.085	33.7	40.8	28.2	40.8	1.80	2.27	92	90	E 0.5	S 0.5	8	4	0.090	
4	0.257	0.239	39.4	44.7	36.8	45.3	2.03	2.68	84	91	S 0.5	SW 1	7	7	0.020	Dull.
5	0.162	0.113	45.2	51.5	44.0	51.7	2.71	3.37	90	89	SW 1	SW 2	8	8	0.020	Dull.
6	0.140	0.364	40.5	41.6	41.6	52.7	3.55	2.25	100	86	SW 0.5	SW 0.5	10	0	—	U p.
7	0.356	0.248	40.0	44.9	28.4	49.3	1.70	2.38	68	80	SW 0.5	SW 4	6	2	—	
8	0.169	0.082	45.3	44.1	43.7	49.6	2.61	2.87	87	99	SW 6	SW 2	6	5	0.060	
9	30.093	0.081	43.9	41.9	40.7	47.7	2.35	2.64	82	99	SW 4	NW 6	6	1	—	
10	29.934	30.083	43.3	37.9	35.6	48.5	1.94	2.27	69	100	SW 6	NW 10	1	2	—	
11	0.835	29.702	41.8	35.1	32.4	51.2	2.14	2.03	81	99	SW 2	W 6	7	7	0.320	Fair a. ● * p.
12	0.710	0.764	36.9	33.1	33.1	46.8	1.58	1.89	73	100	N 6	SW 1	6	7	0.110	* showers.
13	0.725	0.682	34.8	27.9	27.9	43.9	1.84	1.52	91	100	NW 2	N 6	10	9	0.090	* showers.
14	0.735	0.954	28.7	26.5	24.4	41.7	1.58	1.44	100	100	N 8	N 1	8	6	0.140	* showers.
15	0.827	0.427	29.4	32.0	25.4	39.3	1.63	1.82	100	100	N 1	NE 0.5	10	6	0.120	* showers.
16	0.736	0.908	24.1	16.7	10.4	36.6	1.30	0.93	100	100	E 0.5	E 0.5	3	0	0.020	Sunny p.
17	0.836	29.767	28.0	20.0	14.4	31.9	1.53	1.08	100	100	NW 0.5	E 0.5	6	8	—	* showers.
18	29.388	28.973	28.1	30.7	30.0	31.1	1.54	1.72	100	100	S 2	S 6	4	10	0.300	* +
19	28.639	29.042	31.7	34.2	28.4	36.3	1.80	1.88	100	95	SW 2	S 4	7	10	—	Fine p.
20	29.369	0.558	28.7	19.3	16.5	36.9	1.58	0.72	100	70	SW 0.5	SW 6	7	9	0.110	* - Dull.
21	0.852	0.982	28.7	24.5	18.6	33.5	1.58	1.32	100	100	NW 0.5	SW 0.5	6	8	0.200	Dull.
22	0.871	0.481	13.7	27.7	5.4	32.9	0.81	1.51	100	100	SW 0.5	SW 0.5	9	10	—	*
23	0.215	0.070	32.7	28.7	27.7	34.0	1.65	1.86	89	100	SE 0.5	E 0.5	10	10	0.170	Soft air a. * ● (sleet) p.
24	0.007	0.268	33.7	25.1	25.1	37.6	1.94	1.36	100	100	E 4	NW 2	10	10	0.210	* - Dull.
25	0.310	0.458	26.9	27.7	25.1	34.7	1.46	1.36	100	90	NW 4	N 4	10	0	—	* - Dull.
26	0.536	0.438	21.7	22.7	21.7	32.4	1.17	1.22	100	100	N 0.5	W 0.5	1	2	—	* - Dull.
27	0.543	0.540	0.5	18.7	0.5	30.9	0.42	0.89	100	100	W 0.5	W 0.5	0	6	0.050	
28	0.647	0.595	21.1	28.7	13.7	30.7	1.14	1.58	100	100	W 0.5	W 0.5	9	10	—	Dull and dark.
29	0.511	0.201	27.7	30.7	26.6	31.7	1.51	1.72	100	100	W 0.5	NE 4	10	10	0.080	Red sky.
30	0.226	29.650	33.4	28.7	28.7	34.0	1.91	1.58	100	100	W 0.5	NW 2	10	8	—	* showers.
31	29.870	30.045	28.0	34.0	22.4	34.4	1.53	1.96	100	100	NW 2	NW 4	7	9	0.020	* showers.
Means	29.708	29.738	32.2	31.9	26.2	40.1	1.76	1.79	93.2	95.5	1.9	2.5	7.0	6.3	2.180	

LAUDALE.

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

DECEMBER 1880.

1	29.827	80.087	46.0	41.4	41.4	51.8	2.87	2.12	93	82	SE	2	SE	1	10	10	0.070	● (mist) a. and p.
2	30.033	80.147	39.0	38.0	37.0	47.8	2.03	2.08	86	91	SE	1	SE	1	10	10	—	● (mist) ga.
3	29.930	0.077	36.2	49.6	36.2	50.8	1.73	3.09	81	88	SE	4	SE	3	10	10	0.630	
4	30.256	0.243	48.0	49.3	36.2	50.2	2.85	3.26	86	93	SE	3	SE	2	10	10	0.170	
5	0.211	0.159	54.0	55.0	40.2	56.2	3.71	4.03	89	93	SE	2	SE	3	10	10	0.530	● at night.
6	0.216	0.424	50.2	44.2	41.0	55.6	3.58	2.87	99	99	Calm	0	SW	1	10	10	0.090	
7	0.324	0.354	53.0	50.2	38.9	54.6	3.97	3.12	99	86	S	2	SW	3	10	10	0.210	
8	0.219	0.212	52.0	48.4	48.9	52.8	3.40	3.05	87	90	SW	3	SW	2	10	10	0.480	
9	0.231	0.159	49.0	50.8	46.4	50.8	3.22	3.54	93	95	SW	2	W	2	10	10	0.090	
10	30.082	30.224	47.0	47.0	44.0	51.4	2.53	2.75	79	86	W	4	W	4	10	10	0.420	● 2 op.
11	29.819	29.777	51.4	45.4	44.8	52.0	3.64	2.94	96	97	SW	7	SW	9	10	10	0.510	
12	0.893	0.757	44.2	44.0	38.4	50.0	2.85	2.79	98	97	SW	5	SW	1	10	10	0.480	
13	0.853	0.793	42.2	44.2	39.8	47.8	2.65	2.85	98	98	NW	4	NW	4	10	10	0.080	● * Δ showers.
14	0.869	0.891	34.0	37.0	29.8	47.2	1.96	2.00	100	91	NW	3	NW	2	10	10	0.120	* a. and p., 1 inch deep. [sleet].
15	0.423	0.442	33.2	38.0	29.5	47.4	1.86	2.28	98	100	SE	3	SE	1	10	7	0.150	* a. and p., 5 inches deep. * after 10 p.
16	0.777	0.909	33.9	35.8	27.2	45.2	1.93	2.10	99	100	NE	1	Calm	0	4	3	0.650	* and * (sleet) a. ● p.
17	0.823	29.605	31.2	35.0	23.8	39.4	1.76	2.04	100	100	Calm	0	SE	3	0	0	0.500	* a. and p. * and * after 10 p.
18	29.078	28.647	34.8	35.4	23.0	38.6	1.90	2.00	94	96	SE	4	SE	3	10	10	1.000	* and * ●.
19	28.796	29.139	39.8	41.4	24.4	41.8	2.07	2.27	85	88	WSW	2	SE	1	10	10	0.120	* [and *].
20	29.351	0.475	31.0	35.2	29.8	41.9	1.53	1.94	88	94	SW	1	Calm	0	3	5	—	* a. and p.
21	0.901	0.959	32.5	30.5	28.9	40.0	1.75	1.58	95	93	Calm	0	Calm	0	4	2	—	* a. and p.
22	0.749	0.293	35.0	36.0	27.9	39.8	2.04	1.97	100	93	ENE	1	ENE	4	0	10	0.530	* and * ●. Δ.
23	0.137	0.072	44.9	42.0	32.0	47.8	2.50	2.25	85	85	NW	2	NW	1	10	10	0.110	* and * ●. Δ.
24	0.142	0.800	44.2	34.0	32.0	47.8	2.42	1.96	83	100	N	2	N	3	7	10	0.130	* and * ●.
25	0.453	0.552	33.0	36.2	28.2	43.8	1.88	1.77	100	83	N	1	N	1	9	8	—	* 2 n., 5 inches deep ga.
26	0.508	0.445	30.0	29.6	24.8	44.0	1.51	1.59	99	97	ENE	2	Calm	0	7	10	0.080	* nearly all day.
27	0.411	0.571	27.4	26.0	24.5	42.1	1.44	1.41	96	100	NE	1	SE	1	0	0	—	Snow lying deep.
28	0.582	0.580	24.8	30.8	22.8	41.6	1.10	1.73	82	100	N	1	Calm	0	10	10	—	Snow lying deep.
29	0.517	0.263	26.0	33.0	24.2	39.0	1.34	1.84	95	98	Calm	0	E	1	8	5	—	Snow lying deep.
30	29.352	29.759	36.8	34.2	23.5	38.0	2.04	1.74	94	87	N	1	N	2	7	10	0.060	* (sleet) showers.
31	30.030	30.143	36.8	44.2	26.5	46.0	1.54	2.06	70	100	N	1	N	6	8	10	0.480	* and * ●. Thaw at night.
Means	29.735	29.754	39.4	40.1	32.8	46.6	2.31	2.38	91.5	93.5	2.1		2.1		7.6	8.4	7.690	

DUNDEE.

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

DECEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	45.4	40.4	40.3	46.7	ins.	ins.	%	%					ins.	☞ (gale) n. ● 8.15a.—11a.
2	29.743	29.860	45.4	40.4	40.3	46.7	2.83	1.94	94	78	SW 8	W 6	10	7	0.050	Fine day
3	30.078	30.210	36.5	34.5	34.2	42.8	1.99	1.63	92	81	NW 1	NW 1	7	0	—	● 7a. Dull day.
4	0.126	0.148	36.5	37.4	31.2	39.8	1.99	2.23	92	100	W 1	NW 1	10	10	0.050	Dull day.
5	0.303	0.289	40.4	46.4	37.3	46.7	2.32	2.94	93	94	W 1	W 1	10	10	—	Dull day.
6	0.215	0.171	46.4	51.4	45.3	51.4	2.94	3.53	94	93	W 2	W 2	10	10	—	Dull day.
7	0.183	0.371	51.4	42.4	42.4	53.7	3.53	2.52	93	93	SW 1	NW 1	10	10	—	Dull day.
8	0.455	0.315	39.4	46.4	36.2	49.7	2.42	2.71	100	87	W 1	W 10	5	10	—	Dull day. ☞ (gale) from 8p.
9	0.261	0.082	46.4	50.4	44.3	50.7	2.71	2.51	87	69	W 4	W 6	10	10	—	Dull day.
10	30.190	0.114	45.4	45.4	44.3	50.7	2.40	2.41	80	80	W 1	W 4	10	10	—	Dull day.
11	29.986	30.103	46.4	44.4	44.3	52.7	2.12	2.11	68	72	NW 6	NW 10	5	7	—	☞ (gale) n. ☞ 2 (strong gale) 11a.—8p.
12	0.909	29.739	44.4	40.4	40.4	52.7	2.50	2.13	86	85	NW 6	W 6	10	5	0.050	
13	0.758	0.762	40.4	36.5	36.2	42.8	1.79	1.99	71	92	NW 4	NE 1	5	5	0.050	
14	0.724	0.675	38.4	34.5	33.2	40.8	1.07	1.63	85	81	W 2	NW 1	0	5	—	* ● (sleet) 8p.—9p.
15	0.781	0.687	31.5	29.5	28.2	35.9	0.98	1.14	56	71	NW 6	NW 1	0	5	0.400	
16	0.546	0.345	31.5	34.5	28.2	34.5	1.78	1.82	100	91	SE 1	NE 6	10	10	1.100	* n. ● during day. * ● 9p.
17	0.693	0.873	30.5	25.5	25.2	34.5	1.25	1.38	73	100	NW 1	NW 1	0	0	—	● *
18	0.852	29.739	24.5	26.5	19.2	32.0	1.03	0.89	78	62	NW 1	NW 1	5	0	—	☞ 2 (strong gale) n. *
19	29.390	28.973	32.5	33.5	23.2	33.9	1.66	1.54	90	81	SE 2	SW 10	10	10	0.200	* 11a.—5p. ☞ (gale) from 8p.
20	28.814	29.049	34.5	37.4	33.2	37.4	1.82	1.72	91	77	W 8	W 8	10	5	0.050	☞ 2 (strong gale) n. * ● 1p. and 7p. [—8p.]
21	29.362	0.502	29.5	28.5	26.2	37.4	1.39	1.57	85	100	NW 1	W 1	10	10	—	* 0 from 2p.
22	0.885	0.994	29.5	29.5	26.2	33.0	1.14	1.64	71	100	NW 1	NW 1	0	10	—	* 0 1p.—5p., then *
23	0.831	0.446	30.5	35.5	28.2	35.9	1.04	2.08	62	100	NE 1	SE 8	10	10	0.550	* ● Thaw [later.
24	29.250	0.063	34.5	36.5	34.2	36.9	1.82	2.16	91	100	NE 1	NE 1	10	10	0.500	
25	28.995	0.246	37.4	32.5	31.2	37.9	1.89	1.00	85	59	NW 1	NW 8	10	10	—	* ● (sleet) n. ▲ 2p.—4p.
26	29.318	0.454	31.5	31.5	28.2	32.0	1.15	1.35	65	76	NW 3	NW 8	7	7	—	☞ 2 (strong gale) till 10a. with ▲ [showers.
27	0.523	0.455	29.5	29.5	27.2	32.0	1.39	1.39	85	85	NW 2	NW 1	0	10	—	* 0 5p. ☞
28	0.502	0.601	25.5	26.5	22.2	30.0	1.00	1.44	80	100	NW 1	NW 1	10	10	1.100	Dull day. [
29	0.592	0.542	33.5	34.5	23.2	34.9	1.74	1.82	91	91	NE 3	NE 1	10	10	—	* ● in past n.
30	0.495	0.122	33.5	34.5	32.2	35.9	1.54	1.82	81	91	NE 1	NE 8	10	10	0.050	* ● from 8p.
31	0.229	29.688	36.5	35.5	31.2	36.9	1.48	1.28	68	63	NW 1	NW 4	10	10	—	* ● n. Dull day.
32	29.962	30.174	29.5	34.5	27.2	34.9	1.14	1.63	71	81	W 6	W 1	5	10	—	Dull day.
Means	29.740	29.742	36.2	36.3	32.4	40.3	1.83	1.87	82.5	84.9	2.5	3.9	7.4	7.9	2.150	

ROTHESAY.

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

DECEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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° 6'	41° 1'	37° 2'	49° 9'	in.	in.	%	%	W	W	—	—	ins.	Brilliant meteor <i>sp.</i>
2	29° 822	30° 014	43° 6'	41° 1'	37° 2'	49° 9'	284	216	100	84	WNW	Calm	—	—	0° 85'	
3	30° 142	29° 210	43° 6'	38° 6'	37° 2'	47° 0'	228	234	85	100	SE	W	—	—	1° 40'	
4	043	175	43° 6'	47° 0'	38° 1'	49° 4'	284	303	100	94	S	W	—	—	2° 05'	
5	320	358	45° 1'	47° 0'	39° 1'	48° 4'	279	303	93	94	S	W	—	—	0° 80'	
6	254	245	49° 3'	52° 0'	45° 6'	53° 5'	323	388	92	100	SSW	SW	—	—	3° 75'	
7	235	462	52° 5'	41° 1'	40° 6'	53° 5'	396	249	100	97	SW	E	—	—	1° 120'	
8	463	462	46° 1'	47° 0'	38° 1'	51° 4'	313	280	100	87	S	SW	—	—	0° 20'	
9	351	267	48° 5'	47° 0'	45° 1'	50° 9'	285	323	84	100	SW	W	—	—	1° 160'	
10	311	266	48° 0'	48° 0'	44° 1'	49° 9'	267	335	80	100	W	W	—	—	—	
11	30° 121	30° 272	47° 0'	46° 1'	45° 1'	50° 9'	237	313	74	100	WNW	W	—	—	0° 53'	
12	29° 998	29° 872	47° 0'	43° 1'	41° 1'	50° 9'	303	237	94	85	W	W	—	—	3° 80'	
13	037	804	41° 1'	42° 1'	38° 1'	47° 0'	278	268	93	100	NW	NW	—	—	7° 18'	
14	843	803	42° 1'	38° 1'	35° 7'	45° 0'	259	200	97	87	WNW	NW	—	—	0° 80'	
15	916	936	38° 6'	34° 0'	31° 2'	40° 0'	196	196	84	100	NW	SE	—	—	3° 16'	
16	480	373	32° 0'	33° 0'	30° 2'	38° 0'	170	188	94	100	NE	E	—	—	—	
17	733	915	32° 0'	26° 0'	25° 3'	41° 5'	118	081	65	58	NE	Calm	—	—	—	
18	873	29° 694	26° 0'	33° 0'	24° 2'	34° 0'	097	147	69	78	NE	SE	—	—	4° 420'	
19	29° 235	28° 883	35° 0'	36° 0'	26° 2'	40° 0'	184	158	90	74	SE	SW	—	—	1° 010'	
20	28° 921	29° 194	36° 0'	38° 4'	32° 2'	41° 0'	206	206	97	89	WNW	NW	—	—	7° 70'	
21	29° 384	513	31° 6'	33° 3'	30° 7'	40° 0'	177	184	99	97	NW	NE	—	—	1° 140'	
22	927	995	29° 0'	40° 1'	28° 2'	43° 5'	130	190	82	76	NW	SW	—	—	—	
23	766	372	31° 0'	33° 3'	30° 7'	40° 1'	164	184	94	97	E	E	—	—	6° 643'	
24	236	054	45° 1'	45° 1'	33° 2'	47° 9'	279	258	93	93	SW	Calm	—	—	1° 113'	
25	110	386	39° 1'	31° 5'	30° 7'	44° 0'	182	123	77	69	NW	NW	—	—	0° 70'	
26	442	581	30° 0'	35° 0'	28° 7'	37° 0'	116	167	69	89	NW	NW	—	—	—	
27	610	478	25° 0'	33° 0'	24° 2'	40° 3'	074	167	55	89	Calm	Calm	—	—	0° 55'	
28	478	584	34° 0'	32° 0'	31° 7'	34° 5'	176	137	89	75	E	E	—	—	0° 005'	
29	571	565	36° 0'	36° 0'	30° 7'	37° 0'	172	175	80	82	NE	E	—	—	Dull.	
30	496	228	33° 0'	34° 0'	32° 3'	36° 5'	163	156	87	79	Calm	Calm	—	—	Dull. ○	
31	29° 361	29° 716	32° 6'	32° 0'	30° 2'	41° 0'	142	212	76	100	NW	NW	—	—	0° 20'	
32	30° 063	30° 191	33° 0'	39° 1'	26° 7'	37° 3'	180	189	96	92	W	SW	—	—	2° 55'	
Means	29° 789	29° 801	38° 5'	38° 7'	33° 9'	44° 0'	214	218	86° 7'	89° 2'	—	—	—	—	6° 233'	

PINMORE.

Height above Mean Sea Level, 187 feet. Long. $4^{\circ} 59' W.$ Lat. $55^{\circ} 14' N.$

DECEMBER 1880.

1	29°8'72	30°028	38°6	40°1	35°5	48°7	*222	*223	95	90	NW	N	—	—	—	*130
2	30°133	*191	41°0	35°9	34°5	48°2	*231	*189	90	89	NW	N	—	—	—	*020
3	*061	*200	43°5	38°4	33°5	48°7	*269	*220	95	95	NW	N	—	—	—	*110
4	*279	*350	43°0	45°4	31°5	48°2	*259	*276	94	91	SW	SW	—	—	—	*160
5	*269	*258	47°4	53°9	43°8	54°1	*298	*378	91	91	W	W	—	—	—	*240
6	*293	*456	53°0	44°0	42°4	54°1	*380	*277	94	96	SW	W	—	—	—	*220
7	*484	*477	46°4	45°4	34°5	51°1	*304	*264	96	88	W	W	—	—	—	—
8	*407	*253	46°4	49°8	44°3	51°1	*258	*327	82	91	W	W	—	—	—	*260
9	*326	*282	46°9	49°1	44°3	50°1	*288	*316	91	91	NW	N	—	—	—	*030
10	*196	30°304	47°9	47°1	46°2	51°1	*258	*246	78	76	N	N	—	—	—	—
11	*087	29°924	44°8	44°9	43°4	49°6	*271	*232	92	78	NW	NW	—	—	—	*440
12	30°022	*835	43°2	48°4	41°4	48°7	*236	*320	84	94	N	NW	—	—	—	*750
13	29°861	*844	44°0	43°0	43°0	48°4	*255	*230	88	83	NW	NW	—	—	—	*140
14	*935	*915	35°3	36°2	34°5	44°7	*187	*195	91	91	N	N	—	—	—	*200
15	*472	*374	35°3	42°2	32°5	45°2	*195	*258	94	96	SE	SE	—	—	—	*090
16	*639	*896	31°9	24°9	21°5	44°3	*146	*134	81	100	NE	NE	—	—	—	—
17	*891	*735	17°9	27°9	17°5	41°8	*080	*109	83	72	N	N	—	—	—	*240
18	*271	*081	34°3	35°1	27°5	49°2	*198	*161	100	78	SW	W	—	—	—	*310
19	*087	*288	37°2	37°2	33°5	40°3	*175	*184	79	83	NW	NW	—	—	—	*200
20	*385	29°469	37°2	36°3	40°8		*487	*200	72	90	NW	NW	—	—	—	—
21	*925	30°004	25°4	26°6	25°5	41°3	*137	*145	100	100	SW	W	—	—	—	*180
22	*726	29°323	35°3	39°1	25°5	39°3	*204	*217	99	91	SW	E	—	—	—	*650
23	*305	*031	44°9	42°0	27°5	45°2	*258	*260	87	98	W	NW	—	—	—	*610
24	*099	*398	41°5	34°8	32°5	45°2	*247	*156	95	77	N	N	—	—	—	*010
25	*472	*595	34°3	34°3	31°5	48°2	*161	*178	81	89	N	N	—	—	—	*060
26	*628	*483	20°4	31°9	20°4	38°3	*110	*169	100	93	N	N	—	—	—	—
27	*456	*515	25°4	29°9	25°4	37°3	*137	*166	100	100	NE	NE	—	—	—	—
28	*513	*515	33°8	34°8	25°5	39°3	*194	*192	100	95	NE	NE	—	—	—	*030
29	*479	*079	33°8	33°6	22°5	36°2	*176	*187	90	96	E	E	—	—	—	*100
30	29°397	29°706	34°0	32°4	30°5	39°8	*182	*184	92	100	NE	NW	—	—	—	*060
31	30°084	30°187	22°9	59°6	17°5	40°3	*105	*229	86	94	W	W	—	—	—	—
Means	29°8'08	29°8'06	37°6	38°9	33°4	45°4	*212	*220	90°3	90°2	—	—	—	—	—	5°240

SCALEBY.

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

















































DECEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	48°	38°8	38°	50°	in.	in.	%	%	SW	7	Calm	0	10	0	ins.	a.
2	29°827	29°990	48°	38°8	38°	50°	*203	*218	91	93	Calm	0	N	1	1	0	—	
3	30°155	30°244	32°8	34°8	31°2	49°2	*180	*199	97	99	Calm	0	N	1	1	0	—	
4	*092	*150	41°8	40°3	33°0	50°5	*231	*237	88	96	SW	3	N	1	10	10	*060	
5	*375	*397	38°3	47°0	35°0	48°5	*224	*269	97	84	Calm	0	SW	2	10	10	*040	
6	*329	*306	49°6	51°3	43°0	51°5	*319	*362	90	96	SW	5	SW	5	10	10	*070	
7	*202	*447	51°8	48°8	47°5	53°2	*369	*317	95	92	SW	4	SW	2	10	10	*150	
8	*518	*483	43°8	47°8	41°5	51°0	*284	*281	99	85	Calm	0	SW	6	10	10	*010	
9	*431	*244	45°8	48°8	45°0	49°0	*249	*317	81	92	W	5	SW	8	10	10	*050	
10	*326	*242	45°9	47°8	44°5	50°0	*263	*286	86	86	SW	6	SW	7	10	10	—	
11	*140	30°225	48°3	46°3	45°0	52°0	*250	*234	74	75	SW	7	SW	6	2	9	—	
12	30°131	29°877	44°8	45°6	42°0	49°0	*230	*283	77	93	SW	5	SW	7	10	10	*100	
13	29°915	*803	41°8	45°8	41°0	47°0	*206	*302	78	98	W	6	SW	7	1	10	*130	
14	*850	*760	44°3	40°6	39°0	48°0	*244	*230	84	91	W	2	W	3	10	10	*020	
15	*950	*975	33°1	31°6	30°5	42°5	*130	*135	69	76	NW	3	E	2	7	10	*100	
16	*504	*317	33°3	38°8	30°2	39°0	*173	*231	92	99	NE	2	Calm	0	10	10	*220	
17	*621	*864	35°8	27°8	27°8	40°0	*184	*149	89	98	NE	2	Calm	0	4	1	—	
18	*891	*797	22°3	23°3	21°0	30°0	*097	*103	84	85	NE	1	E	2	0	1	—	
19	*392	*121	33°6	37°3	22°0	38°0	*137	*160	71	72	SE	6	SW	6	10	10	*160	
20	*077	*239	36°8	38°8	34°2	39°0	*153	*165	70	70	SW	9	SW	10	9	10	—	
21	*433	*597	35°8	32°6	31°8	39°8	*188	*166	90	90	SW	1	SE	2	5	3	*080	
22	*894	*099	31°6	31°8	29°5	36°5	*156	*154	88	86	NW	1	Calm	0	0	0	*060	
23	*707	*422	33°8	36°8	30°0	37°0	*181	*217	93	99	NE	2	SW	3	10	10	*680	
24	*327	*057	45°6	45°8	35°0	49°0	*265	*283	86	92	SW	2	Calm	0	9	10	*040	
25	*014	*305	40°8	32°3	31°2	46°3	*241	*128	96	70	SW	1	NW	6	10	0	—	
26	*437	*578	28°8	30°8	27°2	37°0	*155	*145	99	84	SW	1	Calm	0	4	0	—	
27	*657	*500	25°8	31°8	24°0	35°2	*125	*154	91	86	SW	1	SE	3	1	1	—	
28	*453	*545	28°8	32°8	27°0	34°0	*141	*162	90	88	NE	2	E	5	8	10	*110	
29	*450	*506	35°8	35°3	32°0	38°0	*188	*194	90	94	NE	5	E	1	10	10	*230	
30	*400	*012	36°0	33°8	33°0	36°8	*193	*192	92	99	NE	3	N	4	10	10	*380	
31	29°316	29°691	31°8	27°0	27°0	36°0	*172	*143	97	98	SW	3	E	1	10	5	*050	
31	30°087	30°208	21°8	33°8	19°2	34°0	*113	*172	97	88	Calm	0	Calm	0	3	10	*010	
Means	29°806	29°801	37°7	38°3	33°5	43°1	*205	*213	87°8	88°8		3°1		3°2	7°2	7°1	3°030	

DURHAM.

Height above Mean Sea Level, 336 feet. Long. $1^{\circ} 35' \text{ W.}$ Lat. $54^{\circ} 46' \text{ N.}$

DECEMBER 1880.

	10 a.m.	10 p.m.	10 a.	10 p.	Min.	Max.	10 a.	10 p.	10 a.	10 p.	10 a.m.	10 p.m.	10 a.	10 p.	10 a.m.	
1	29° 8'20	29° 9'58	47° 1'	40° 9'	39° 5'	51° 3'	*276	*213	86	84	SSW 6°3	W 3	8	0	*020	Squalls before 10a.   a.
2	30° 1'36	30° 2'50	43° 3'	34° 6'	33° 1'	46° 0'	*213	*183	74	91	WNW 3°6	SW 0°4	0	0	—	
3	*169	*230	37° 7'	44° 9'	32° 0'	49° 5'	*216	*249	96	84	SSW 0°3	W 1° 1	10	10	*018	 a.
4	*377	*376	46° 1'	43° 1'	35° 8'	47° 6'	*277	*248	89	89	SW 0°9	S 0°8	10	9	*030	 10a. and before.
5	*316	*276	49° 1'	50° 7'	41° 6'	51° 0'	*314	*348	90	94	SW 2	SW 1° 4	10	10	*070	
6	*304	*461	51° 5'	49° 6'	48° 6'	52° 8'	*344	*313	91	88	S 0°8	SSW 0°4	10	10	—	
7	*523	*448	44° 7'	45° 0'	32° 9'	51° 0'	*283	*268	96	90	W 0°3	WSW 0°8	4	1	—	 a.  10p.
8	*347	*147	47° 0'	51° 3'	44° 3'	52° 0'	*233	*324	73	85	WSW 1°6	W 5°5	2	0	—	
9	*278	*135	47° 2'	52° 0'	44° 7'	52° 0'	*258	*317	80	88	W 2°3	W 1° 4	10	4	—	
10	*109	30° 2'11	47° 8'	41° 4'	40° 8'	52° 4'	*242	*231	73	80	WNW 2	WNW 0°9	8	0	—	
11	30° 0'96	29° 8'47	43° 4'	42° 8'	40° 6'	51° 3'	*249	*219	88	80	SW 1° 1	W 5° 9	9	0	—	 in squalls p.
12	29° 8'73	*751	43° 6'	47° 7'	39° 4'	49° 1'	*217	*297	76	90	SW 5	WNW 4°2	0	10	*116	 in squalls a.
13	*813	*755	44° 3'	39° 7'	37° 6'	48° 2'	*229	*194	78	79	WNW 1°1	NW 3	10	10	—	
14	*855	*891	33° 2'	31° 2'	50° 3'	41° 4'	*133	*172	70	98	WNW 1°2	WNW 0°4	1	10	*098	
15	*484	*311	31° 3'	38° 8'	29° 3'	39° 8'	*169	*234	96	99	SW 2	SW 0°7	10	10	*103	   
16	*624	*859	36° 3'	30° 3'	29° 1'	40° 0'	*198	*159	92	94	NNW 0°8	WNW 0°9	6	6	*046	   
17	*859	*743	28° 7'	21° 2'	19° 6'	33° 8'	*135	*103	86	91	NW 0°1	S 0°8	0	0	—	
18	*438	*139	28° 8'	33° 8'	20° 6'	35° 3'	*150	*168	95	85	S 1° 4	SSW 2°4	7	0	*020	 
19	*125	*224	35° 0'	35° 9'	32° 4'	37° 8'	*150	*166	73	78	SW 3	WNW 3°7	7	0	—	
20	*417	*514	36° 3'	32° 9'	31° 9'	40° 1'	*192	*182	90	97	S 0°5	WSW 0°6	1	3	*130	
21	*900	*936	34° 0'	28° 1'	26° 0'	37° 9'	*182	*129	92	37	WNW 0°8	W 0°8	0	0	*066	  
22	*768	*388	31° 9'	32° 9'	27° 1'	34° 1'	*174	*187	96	100	S 0°2	SSW 0°7	10	10	*677	  
23	*351	*016	42° 3'	42° 1'	32° 7'	46° 1'	*236	*268	88	100	SSW 2°4	SSW 0°8	4	10	*192	  
24	*006	*278	43° 2'	39° 8'	29° 0'	45° 0'	*260	*160	92	96	NW 0°8	NW 2	8	0	*010	  
25	*343	*528	31° 3'	23° 2'	29° 3'	35° 8'	*157	*151	89	79	NW 0°8	WNW 3	3	0	—	
26	*589	*491	32° 9'	25° 0'	28° 0'	37° 2'	*154	*157	82	98	W 0°9	S 0°8	0	0	—	
27	*479	*560	28° 4'	31° 4'	23° 6'	32° 6'	*147	*174	95	99	NE 0°1	Calm 0	4	10	*056	     at night.
28	*405	*456	35° 3'	31° 2'	28° 5'	39° 0'	*205	*156	99	86	NW 0°8	Calm 0	10	10	*030	   
29	*413	*28° 9'39	35° 3'	37° 2'	29° 9'	39° 7'	*205	*218	99	88	NE 0°8	NW 3°8	10	10	1062	   
30	29° 27'5	29° 6'66	34° 6'	32° 6'	32° 3'	39° 0'	*169	*151	84	82	NW 0°8	WNW 2°3	9	0	*012	   before 10a.
31	30° 0'32	30° 1'87	32° 0'	37° 3'	26° 0'	37° 3'	*167	*107	92	89	W 0°9	WSW 1°1	0	10	—	
Means	29° 7'93	29° 7'74	38° 8'	37° 8'	32° 8'	43° 4'	*211	*211	87° 1'	89° 9'	1° 5'	1° 7'	5° 9'	4° 9'	2° 7'56	

DOUGLAS, ISLE OF MAN.

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

DECEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.														ins.
2	29° 883	30° 062	49° 0	40° 5	40° 5	50° 0	in.	in.	%	%	SW 6	Calm 0	10	0		ins. 180
3	30° 207	302	35° 5	38° 4	32° 9	48° 6	1° 08	2° 39	95	95	N 1	Calm 0	6	5		025
4	138	235	50° 0	42° 7	36° 1	50° 6	342	259	95	94	SW 4-5	WNW 2	9	3		170
5	361	385	44° 0	46° 4	35° 8	50° 5	288	206	100	94	Calm 0	WSW 1	10	7		010
6	351	326	50° 0	51° 5	45° 2	51° 7	339	374	94	98	SW 2	SW 3	9	10		070
7	345	460	51° 0	48° 7	48° 7	52° 2	366	342	98	99	W 3	NW 1	9	7		080
8	329	521	49° 7	48° 6	37° 8	50° 7	357	294	100	86	SSW 2	WSW 3	10	10		002
9	477	321	47° 0	50° 7	46° 2	50° 7	264	360	83	97	WSW 4	WSW 4	8	10		130
10	429	319	46° 7	51° 1	46° 1	51° 6	298	345	92	91	W 3	W 4	9	9		010
11	271	30° 324	48° 5	46° 0	46° 0	53° 6	268	259	79	84	WNW 5	NW 5	4	2		—
12	165	20° 071	46° 4	47° 0	42° 0	50° 5	287	262	91	82	WSW 4	WNW 5	10	4		—
13	30° 059	027	45° 2	50° 8	44° 1	50° 8	231	301	77	81	WNW 6	W 7-8	10	10		070
14	29° 997	863	47° 4	46° 4	45° 7	50° 9	298	282	91	90	WNW 5-6	WNW 5	8	9		120
15	942	888	39° 0	40° 4	36° 1	46° 5	203	201	86	81	N 4	SE 3	10	7		260
16	490	384	41° 7	48° 0	39° 2	48° 5	264	283	100	85	Calm 0	W 4	6	7		117
17	613	813	39° 0	36° 0	36° 0	48° 0	194	195	82	92	NE 5	NE 2	4	1		—
18	866	700	30° 4	32° 2	25° 9	43° 7	151	168	90	91	NNW 1	Calm 0	0	10		040
19	297	169	38° 8	37° 8	30° 8	44° 9	224	174	96	76	S 8	WSW 5	10	7		080
20	240	340	36° 0	38° 5	34° 6	38° 7	158	180	74	78	WSW 8	W 6	4	8		—
21	437	498	35° 7	39° 9	34° 8	41° 0	102	210	91	87	W 1	W 3	4	9		010
22	936	979	34° 7	34° 0	29° 2	42° 9	178	190	89	97	NE 1	NNW 1	4	10		270
23	688	323	38° 7	49° 5	33° 9	49° 5	235	355	100	100	E 4	SW 3	10	10		650
24	374	111	47° 5	47° 6	45° 1	51° 2	304	328	93	100	WSW 3	SW 1	9	10		043
25	127	440	43° 2	34° 4	33° 8	47° 8	253	189	90	95	NW 4	NNW 5	8	6		193
26	475	644	34° 5	33° 4	40° 5	17° 0	179	179	84	93	WNW 5	Calm 0	7	2		020
27	627	500	32° 0	30° 2	29° 0	41° 7	169	163	92	97	Calm 0	Calm 0	1	1		—
28	431	470	36° 4	37° 0	30° 0	38° 7	168	200	78	91	Calm 0	E 5	3	10		—
29	449	454	36° 5	37° 0	32° 4	39° 7	212	220	98	100	N 1	Calm 0	9	10		150
30	388	146	38° 0	35° 0	35° 0	38° 5	216	204	95	100	N 1	NNW 5	10	10		462
31	29° 363	29° 724	34° 9	37° 8	33° 9	41° 3	187	196	92	87	N 1	NW 2	3	9		003
31	30° 126	30° 167	35° 9	42° 8	31° 4	42° 9	172	200	82	99	NNW 2	W 2	7	10		070
Means	29° 838	29° 828	41° 4	42° 0	37° 1	46° 7	243	250	90° 5	91° 5	3° 1	2° 8	6° 9	7° 2	3° 235	

WAKEFIELD.

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

DECEMBER 1880.

1	30°06'	30°033	50°0	45°4	47°4	54°0	*284	*250	79	83	SSW 2	WNW ₂	6	3	*010	
2	*223	*297	39°2	35°4	34°1	45°9	*210	*199	92	96	SW 2	S 1	2	5	*030	Fine a. Dull from 3p.
3	*198	*230	38°1	49°2	28°2	50°3	*228	*277	99	79	SW 1	SW 1	10	10	*030	Dull and gloomy all day
4	*411	*441	44°4	48°6	39°0	51°1	*288	*296	99	87	S 1	SSW 2	10	10	*050	Dull and gloomy all day.
5	*400	*375	47°0	51°2	32°0	51°2	*275	*345	86	92	WSW 1	SW 2	10	10	*160	Dull all day.
6	*394	*494	52°2	51°0	43°7	55°2	*356	*325	91	87	WSW 1	W 1	9	10	—	Dull and gloomy all day.
7	*590	*562	40°4	49°0	39°0	52°8	*249	*293	99	85	W 1	W 3	10	10	—	☼ till 11a., then dull.
8	*478	*306	48°2	48°2	46°8	50°2	*263	*266	78	79	W 4	W 6	10	4	—	Double ☐ ² 3.15a. Fine from 2p.
9	*360	*291	47°4	49°2	46°9	52°0	*249	*295	77	85	W 4	NW 4	8	7	—	Rough and wild n. Dull to 3p., then fine.
10	*133	*30°28	53°1	46°2	46°1	54°0	*342	*245	84	79	W 5	WNW 5	10	1	—	Rough and wild n. Dull to 5p., then fine.
11	30°204	*853	45°2	50°2	44°7	50°7	*252	*288	84	80	SW 4	WNW 8	9	8	—	Dull and gloomy all day. ✂ p.
12	29°955	*890	45°2	47°2	44°1	50°9	*214	*292	71	91	W 6	W 3	2	9	*040	Rough and wild n. and a. Fine to 7p.
13	*900	29°810	46°2	46°3	45°3	50°2	*285	*274	92	88	W 2	W 3	10	8	*070	Dull day.
14	*896	*30°013	39°1	33°3	33°2	47°1	*180	*158	76	84	SW 2	W 2	6	10	*050	[0.25p]
15	*573	29°412	33°8	44°2	32°0	44°9	*179	*263	92	91	ESE 1	WSW 1	10	9	*460	Dull and gloomy all day. *✂ ☐
16	*561	*818	38°2	35°1	34°0	46°0	*213	*179	92	87	N 2	N 1	8	5	—	☐ 0.35a. Dull a. Fine from 10a.
17	*861	*786	28°0	30°0	27°4	35°6	*128	*161	84	97	W 2	SW 2	1	10	—	☐ ² 2.27a. Fine till 7p., then dull.
18	*506	*289	28°8	39°1	23°2	40°8	*141	*164	90	69	ESE 1	SSW 1	10	4	*070	Dull to 6p., then fine.
19	*312	*354	33°2	36°8	27°3	39°9	*164	*181	87	83	WSW 3	WSW 5	8	2	*020	*✂ ⁰ a. Rough and wild day.
20	*450	29°511	33°5	37°1	33°5	38°3	*170	*182	90	82	W 1	WNW 1	4	10	—	Dull and dark day.
21	*871	30°084	36°1	28°0	28°0	39°8	*191	*147	90	96	WNW 1	WNW 1	1	10	*120	Fine till 7p., then ∞.
22	*809	29°472	33°3	35°1	24°1	36°9	*184	*190	97	93	ESE 1	NNE 1	10	10	*800	● ² n. *✂ 9a.-10.20a. ● 2p.
23	*435	*123	46°0	47°2	36°4	50°9	*267	*296	87	92	W 1	S 1	8	10	*170	☐ 5.26a. Fine from 2p.
24	*067	*340	45°6	35°3	34°8	48°1	*269	*158	88	76	W 3	W 4	7	2	—	Fine all day, but cold.
25	*372	*622	33°3	34°9	32°3	37°5	*152	*166	80	78	W 4	W 4	0	2	—	
26	*635	*565	26°9	25°0	24°8	35°8	*126	*100	87	74	W 2	N 1	0	5	*050	
27	*437	*558	24°6	34°9	24°6	34°9	*111	*182	85	89	ENE 1	E 2	10	10	*380	Dull and dark day.
28	*455	29°503	34°9	35°5	33°0	39°8	*188	*206	93	99	E 2	ENE 2	10	10	*300	Dull and gloomy all day, with ● *✂.

KELSTERN.

Height above Mean Sea Level, 388 feet. Long. $0^{\circ} 7' W.$ Lat. $53^{\circ} 24' N.$

DECEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			
1	ins.	ins.	42°	40°	38°	49°	in.	in.	%	%	SW	4	W	2	1	0	ins.
2	30°062	30°021	42°	40°	38°	49°	252	238	94	94	WSW	1	W	1	1	0	0°16
3	251	314	34°	31°	31°	46°	103	174	96	98	WSW	1	W	1	1	0	0°36
4	219	238	35°	40°	27°	46°	206	296	100	96	SW	2	WSW	2	10	10	☼ a.
5	419	458	39°	46°	34°	47°	228	308	96	99	W	1	W	1	7	7	☼ a. ☼ ⁰ ga.
6	424	387	40°	43°	35°	48°	236	309	96	99	WSW	3	WSW	3	7	10	0°53
7	374	478	48°	48°	46°	54°	327	334	96	98	WSW	4	WSW	2	6	5	0°74
8	599	573	44°	46°	36°	48°	289	296	100	93	SW	1	WSW	4	10	10	☼ a.
9	519	350	44°	44°	43°	49°	272	240	92	81	WSW	3	WSW	3	8	2	—
10	340	286	43°	43°	43°	48°	260	257	91	93	W	3	W	3	6	1	0°15
11	170	30°265	50°	41°	40°	51°	329	232	91	90	WNW	4	NW	3	4	0	—
12	30°238	29°226	40°	46°	38°	46°	226	283	92	91	WSW	1	WNW	4	7	5	—
13	29°82	973	41°	43°	39°	47°	204	255	80	91	WNW	3	WSW	3	1	10	2°64
14	866	29°830	43°	43°	42°	47°	207	262	93	94	WNW	3	W	3	8	10	—
15	989	30°001	34°	31°	31°	43°	157	142	79	80	NW	2	NW	1	8	7	1°05
16	634	29°434	32°	32°	30°	37°	186	187	100	100	SSE	4	WNW	1	10	2	4°78 ✕ before ga.
17	518	819	36°	34°	31°	41°	208	162	97	80	WNW	1	NE	1	8	3	—
18	864	777	29°	32°	28°	37°	158	172	99	93	N	1	E	1	2	9	0°20
19	558	348	33°	38°	30°	38°	105	225	88	98	SSE	1	SW	2	6	9	☼ before ga.
20	362	400	32°	33°	30°	38°	170	156	94	83	SW	3	W	5	8	1	☼ before ga. sp.
21	445	29°506	30°	33°	30°	34°	156	183	93	94	W	1	W	2	3	8	—
22	820	30°110	31°	27°	27°	38°	172	147	98	100	NW	1	W	1	2	1	0°80
23	867	29°530	33°	38°	30°	39°	186	231	99	100	SSE	2	SSW	1	10	10	4°74 ✕ ga. ● ☼ p.
24	438	206	41°	45°	38°	49°	249	290	95	95	SSW	3	S	4	2	10	123 ☼ before ga.
25	066	289	43°	35°	34°	46°	270	191	98	91	SW	3	WSW	3	4	8	—
26	261	596	29°	30°	28°	37°	156	156	95	92	W	2	W	2	6	0	—
27	528	587	30°	27°	27°	37°	161	138	96	92	W	2	WSW	1	1	2	1°18
28	431	566	31°	34°	26°	35°	179	187	100	95	ENE	1	E	2	10	10	2°02 ✕ ga. and before.
29	472	513	41°	42°	33°	43°	256	276	97	100	SW	4	SSW	2	9	3	0°56 ☼ p.
30	443	28°925	45°	47°	41°	47°	307	317	100	98	S	4	S	7	10	6	3°10
31	29°372	29°637	32°	32°	31°	47°	176	184	95	100	SSW	1	NNW	2	8	10	1°04 ✕ p.
31	30°061	30°224	30°	32°	27°	33°	166	168	99	90	NW	1	NW	2	6	1	0°20 ✕ before ga.
Means	29°858	29°857	37°	38°	34°	43°	218	226	94°8	93°5	2°3		2°4	6°1	5°5	2°638	

LLANDUDNO.

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

DECEMBER 1880.

DECEMBER 1896.																		
1	29° 9'40	30° 08'7	52° 2'	46° 0'	45° 3'	52° 8'	*204	*271	68	88	SW	3	W	1	2	1	120	Fine p.
2	30° 24'6	*249	40° 5'	38° 9'	37° 0'	48° 7'	*310	*199	84	85	SW	1	W	1	0	0	1010	Very fine.
3	*108	*267	51° 0'	49° 0'	38° 6'	52° 1'	*301	*327	81	94	SW	3	SW	1	9	10	*230	—
4	*402	*422	49° 8'	49° 4'	46° 9'	52° 0'	*343	*271	95	77	W	0° 6'	W	2	10	0	—	Fine.
5	*402	*386	51° 5'	52° 0'	49° 2'	53° 0'	*397	*345	78	89	SW	2	SW	5	9	10	—	Very fine. Wind rising p. Squally op.
6	*400	*492	51° 8'	51° 2'	50° 0'	53° 9'	*330	*330	85	88	W	2	W	1	8	10	*038	Squally ga.
7	*562	*569	51° 0'	50° 0'	45° 0'	54° 4'	*322	*275	86	90	W	0° 6'	W	1	7	3	—	Very fine.
8	*533	*407	48° 9'	46° 2'	44° 0'	51° 0'	*257	*288	75	80	W	2	W	4	9	10	*020	Fine, but rather windy. Squally p.
9	*478	*400	47° 1'	50° 6'	46° 8'	50° 8'	*287	*328	89	89	W	1	W	3	10	10	—	—
10	*289	*410	51° 2'	48° 0'	47° 4'	53° 0'	*344	*264	92	79	W	1	W	1	10	10	—	Squalls before ga. Very fine day.
11	*237	*056	46° 2'	48° 4'	43° 7'	51° 0'	*260	*309	84	91	W	1	W	4	9	10	*040	Fine, but rather windy. Squally op.
12	30° 12'7	30° 03'9	46° 0'	48° 8'	44° 7'	49° 4'	*249	*286	81	83	WNW	3	W	5	2	10	*320	Squally op.
13	29° 9'86	29° 9'28	48° 5'	49° 0'	47° 6'	50° 4'	*329	*297	97	86	W	1	W	1	10	10	*782	—
14	*077	*952	41° 5'	36° 4'	35° 0'	49° 2'	*236	*189	91	89	NW	1	N	3	10	10	*307	—
15	*513	*429	49° 9'	47° 8'	35° 8'	50° 8'	*349	*293	98	88	W	1	W	3	10	9	*175	—
16	*576	*817	40° 1'	39° 3'	39° 0'	48° 0'	*218	*208	88	88	E	5	E	1	10	9	—	—
17	*855	*759	32° 0'	30° 6'	30° 0'	40° 7'	*162	*131	90	76	E	1	N	1	0	0	—	☼ ⁰ (mist) a. and p.
18	*493	*288	33° 4'	39° 6'	29° 2'	48° 2'	*156	*193	82	79	S	5	S	5	10	10	*070	☼ showers p.
19	*352	*429	37° 2'	40° 4'	36° 4'	42° 0'	*185	*68	74	WNW	5	W	7	4	10	—	—	Cold and windy. Squally. ☼ ⁰ showers.
20	*462	29° 53'0	38° 4'	40° 0'	37° 2'	41° 5'	*159	*214	82	87	W	1	W	2	8	5	*230	Very fine day. ☼ in the evening.
21	*929	30° 04'0	40° 1'	36° 5'	35° 7'	44° 8'	*204	*186	82	87	N	1	N	1	1	0	*120	Very fine day. ☼ at night.
22	*660	39° 41'3	40° 0'	51° 2'	35° 6'	52° 0'	*234	*344	95	92	SE	0° 6'	W	5	10	10	*940	Dull with ☼ all day.
23	*432	*080	47° 8'	46° 1'	46° 0'	51° 2'	*279	*290	84	93	W	1	W	0° 6'	2	10	*375	Fine till 6p., then ☼.
24	*147	*474	45° 2'	38° 4'	35° 5'	46° 4'	*273	*154	91	66	W	1	N	3	10	2	*035	—
25	*528	*667	38° 8'	37° 8'	36° 4'	40° 9'	*157	*192	67	85	N	5	N	2	8	0	—	Very fine, but cold.
26	*663	*508	38° 6'	35° 0'	34° 0'	42° 0'	*188	*166	81	80	W	0° 6'	W	0° 6'	2	0	—	Very fine a. ☼ ⁰ (mist) p.
27	*382	*432	35° 2'	36° 0'	33° 9'	37° 0'	*285	*192	90	91	E	4	SE	1	10	10	*254	☼ ⁰ (mist) before ga. Dull day.
28	*471	*401	48° 1'	41° 0'	35° 3'	48° 0'	*252	*252	89	98	W	0° 6'	W	0° 6'	10	10	*256	☼ ⁰ p.
29	*361	*120	40° 0'	39° 0'	35° 6'	42° 2'	*232	*209	94	89	N	0° 6'	S	5	10	10	1000	☼ a. ☼ all day.
30	29° 37'7	29° 7'28	38° 3'	39° 8'	36° 2'	40° 8'	*179	*205	78	84	W	1	N	1	8	0	—	☼ showers. ☼ ⁰ .
31	30° 15'5	30° 31'5	37° 9'	41° 5'	36° 2'	42° 0'	*218	*218	76	84	N	1	N	3	5	4	*080	—
Means	29° 8'69	29° 8'74	43° 6'	43° 4'	39° 6'	47° 7'	*245	*246	84° 5'	85° 5'	—	1° 8'	—	2° 5'	7° 2'	6° 5'	5° 4'00	—

BUXTON.

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

DECEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	39°	47°	ins.	ins.	0%	0%	WSW 5	WNW 4	6	5	ins.	Bright early a. Mild.
2	30°118	30°085	44°	42°	39°	47°	253	243	85	88	WSW 5	WNW 4	6	5	ins.	Bright early a. Mild.
3	259	334	38°	31°	28°	44°	221	119	95	66	WNW 1	NW 1	9	0	0.05	a. and p. Mild.
4	259	293	42°	44°	25°	47°	267	278	97	94	W 1	W 2	10	10	0.25	(mist) a.
5	460	526	43°	41°	40°	48°	274	235	98	92	NW 1	SW 1	10	0	0.20	a. and p.
6	392	443	43°	48°	38°	48°	252	318	90	95	WNW 3	WSW 3	10	10	0.30	Mackerel sky p.
7	434	520	48°	41°	40°	53°	317	255	93	96	NW 2	W 1	7	10	0.80	
8	623	614	46°	43°	38°	49°	311	257	98	91	SW 1	SW 3	10	10	1.00	p. Mild.
9	593	502	43°	44°	41°	46°	253	246	88	83	NW 3	WSW 3	8	10	1.70	a. and p.
10	414	357	44°	47°	42°	47°	258	303	88	93	NW 5	W 4	10	10	1.30	a. and p.
11	237	375	48°	43°	42°	49°	329	217	97	77	NW 5	WNW 3	10	8	0.35	a. and p.
12	281	007	39°	45°	38°	46°	217	275	89	91	NW 1	WNW 5	8	7	0.05	Mild a. p.
13	30°036	30°024	41°	43°	39°	46°	227	245	87	88	NW 4	NW 4	7	10	0.70	a. and p.
14	29°938	29°894	44°	43°	41°	47°	267	270	91	96	NW 3	NW 2	7	10	0.80	a. and p.
15	941	30°036	34°	31°	31°	45°	193	154	95	87	NW 2	NW 1	10	6	0.35	a. and p.
16	616	29°468	33°	42°	20°	44°	186	241	96	90	SE 1	W 2	10	8	0.80	a. and p.
17	577	848	35°	32°	31°	47°	193	168	93	92	E 2	SE 1	9	4	—	a. and p.
18	931	829	23°	23°	20°	36°	120	103	97	81	Calm	NW 1	2	0	—	a. and p.
19	572	365	28°	34°	19°	36°	143	174	93	88	SW 1	WSW 2	5	7	—	a. and p.
20	333	444	30°	33°	29°	35°	164	186	97	98	NW 3	NW 5	3	4	—	a. and p.
21	492	29°565	32°	33°	31°	36°	154	186	82	96	WNW 2	W 2	9	8	0.50	a. and p.
22	935	30°154	32°	20°	14°	43°	174	098	96	91	NW 2	NW 1	6	0	0.310	a. and p.
23	826	29°518	33°	44°	18°	45°	186	294	98	99	Calm	SW 2	10	10	1.120	a. and p.
24	491	154	44°	45°	42°	49°	251	279	85	93	WNW 4	W 4	4	10	0.470	a. and p.
25	135	402	41°	31°	30°	46°	250	141	96	79	NW 2	NW 3	10	0	0.180	a. and p.
26	487	688	29°	31°	27°	34°	145	159	89	91	WNW 2	NW 2	10	0	0.130	a. and p.
27	708	629	31°	25°	22°	36°	158	122	90	90	NW 1	NE 1	8	0	0.120	a. and p.
28	467	566	31°	34°	24°	32°	145	174	81	96	SE 1	SE 1	10	10	0.510	a. and p.
29	492	29°502	30°	43°	31°	44°	199	275	81	96	W 4	W 2	7	10	0.400	a. and p.
30	399	28°994	44°	33°	32°	46°	280	182	95	96	SW 2	NW 4	10	10	0.950	a. and p.
31	29°384	29°742	32°	32°	30°	34°	179	168	99	93	NW 1	NW 2	7	10	0.110	a. and p.
Means	30°164	30°306	27°	34°	25°	35°	133	186	90	93	WNW 2	NW 2	2	10	0.150	a. and p.

HILLINGTON, NORFOLK.

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

DECEMBER 1880.

1	30°108	30°022	44°9	46°0	41°9	50°3	270	264	91	86	SW 4	SW 3	0	4	0.009	[5.30 p. \approx 9p
2	214	285	29°8	30°5	29°1	46°5	160	165	96	98	SW 0.5	SW 0.5	10	10	0.030	\approx (mist) a. Bright day.
3	284	270	36°8	45°8	27°1	46°5	217	287	99	93	SW 0.5	SW 2	10	10	0.030	\approx before ga. \approx (mist) ga.
4	411	437	41°8	48°2	38°1	49°1	263	324	99	97	SW 0.5	SW 1	10	10	0.020	\approx (mist) all day.
5	433	415	42°9	45°9	39°3	48°7	250	284	91	93	SW 2	WSW 1	10	10	0.072	
6	404	479	47°5	47°7	45°3	52°7	313	311	96	94	SW 2	SW 0.5	10	10	0.078	
7	610	594	44°7	47°9	44°4	48°6	296	334	100	100	S 0.5	SW 1	10	10	0.002	● 2 \approx a. \approx ga. Very damp
8	543	392	40°6	46°0	44°3	48°7	277	269	88	87	SW 3	NW 4	10	2	—	[trees dripping
9	353	274	45°2	44°8	44°0	48°6	266	260	89	88	WNW 3	WNW 3	10	7	—	
10	168	30°249	50°1	41°2	41°0	52°9	333	225	92	88	NW 5	NW 1	3	0	0.001	Fine and sunny. U p.
11	274	29°994	34°9	45°9	33°1	46°3	196	263	96	86	W 1	WSW 3	7	10	—	└ a. Fine and sunny.
12	30°027	29°993	41°8	42°0	41°2	47°1	214	218	81	83	NW 1	WNW 4	6	9	0.068	
13	29°875	28°47	42°7	46°6	42°0	49°1	250	294	91	93	NW 3	N 3	10	10	0.053	
14	886	969	38°5	36°1	35°0	48°3	164	151	71	71	NW 4	NW 2	10	7	0.204	
15	638	430	34°8	41°7	31°8	48°9	189	242	94	92	SW 2	W 1	10	0	0.303	
16	513	775	39°7	35°0	34°5	44°5	225	162	92	78	NW 2	N 1	10	10	—	✱ a. ● 2 8a.—1p.
17	823	703	31°0	32°1	25°4	37°9	131	136	75	74	NE 1	S 1	3	8	0.008	Overcast all day.
18	573	395	34°5	42°5	32°0	45°2	184	239	92	88	SE 1	W 4	10	10	0.020	└ a. and p. Very fine and sunny.
19	421	451	37°1	35°8	34°8	43°5	182	174	82	83	SW 5	SW 4	9	8	0.003	● 2 ✱ xp.
20	464	29°488	33°8	30°2	32°3	36°8	180	189	92	89	SW 1	SW 1	9	10	0.005	Fine.
21	806	30°111	34°7	28°1	27°0	40°5	179	148	89	96	NW 1	N 0.5	7	10	0.070	\approx └ p.
22	883	29°508	35°4	47°9	27°3	48°4	199	329	96	99	SE 1	SW 4	10	10	0.287	
23	494	256	46°5	47°0	46°1	52°9	290	379	93	97	WNW 2	SW 2	7	10	0.121	Day fine and mild. ● 2 at night.
24	097	299	44°9	37°0	37°0	48°2	272	195	92	89	W 3	WNW 4	10	0	—	Day fine. ● 2 at night.
25	403	586	31°8	33°2	30°0	37°6	135	156	75	83	W 4	NW 3	1	0	—	└ a.
26	648	584	29°5	27°8	27°6	35°4	141	149	87	98	SW 1	WSW 1	5	6	0.240	└ a. and p. Very fine and sunny.
27	388	560	33°0	34°0	27°8	36°1	184	189	98	97	E 1	SE 3	10	10	0.217	✱ (1 inch) 4a.—ga. └ a. ● 2
28	515	29°550	45°7	47°5	33°7	51°4	301	313	98	96	SW 2	SW 2	7	4	0.008	[7p.—10p.
29	475	28°981	48°3	49°4	44°7	49°5	318	308	95	88	SW 1	S 5	10	7	0.272	\approx p. ● 2 11p.
30	384	29°576	35°9	35°1	31°8	49°6	187	186	89	91	SW 1	NW 1	10	10	0.233	● 0 9.45a. ✱ 10a.
31	29°969	30°197	35°6	35°2	30°0	36°3	172	188	83	92	NW 3	SW 1	10	6	0.022	✱ 0 a.
Means	29°874	29°862	39°4	40°6	35°5	45°0	224	234	90°4	89°9	2°0	2°2	8°2	7°4	2°376	

Observer remarks: Month exceptionally mild.

UPPINGHAM.

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

DECEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	41°	41°	49°	ins.	ins.	0%	0%	SW 5	NNW 1	0	0	ins.	[0°
2	30°104	30°063	42°	41°	41°	49°	272	246	98	96	W by N 1	NNW 2	1	0	0.031	Bright early a. 1-2 a. Dull day
3	242	315	35°	34°	34°	44°	198	191	95	95	SW 1	WSW 2	10	10	0.050	a. Day bright and clear. Low
4	277	280	40°	45°	33°	48°	243	288	98	95	W by S 1	WNW 1	10	8	0.020	a. Damp all day. [0° p.
5	419	487	45°	45°	44°	49°	299	270	98	90	W by S 3	WSW 4	8	10	0.010	a. Warm close day. [0° p.
6	465	425	40°	47°	39°	47°	235	294	92	91	W by N 4	W by N 2	9	9	0.117	a. Dull except 10a.—11.30a. Red
7	412	508	49°	46°	46°	52°	317	297	92	94	SW 1	swbyw 4	10	10	—	[sunset.
8	612	610	45°	45°	43°	48°	298	274	99	89	SW 1	swbyw 4	10	10	—	6a. 0° ga.
9	564	438	45°	44°	43°	47°	251	236	82	80	W by S 2	SW 4	9	0	—	Day dull and threatening.
10	420	340	44°	44°	43°	47°	270	232	82	80	W 2	NNW 5	10	8	—	Day dull and cold. Warmer towards
11	239	299	50°	44°	43°	52°	327	221	91	75	W by N 3	swbyw 5	10	10	—	[night.
12	299	033	36°	45°	36°	45°	200	248	92	82	WSW 2	swbyw 6	9	8	—	Cloudy a., brighter early p. ∞ p.
13	30°043	30°066	41°	42°	41°	47°	193	217	73	80	W 4	Why S 2	3	10	0.010	Sunny till 4.30p.
14	29°007	29°082	47°	45°	42°	48°	288	289	89	94	WNW 5	WNW 4	10	10	0.130	Squally 7a.
15	017	30°017	38°	34°	33°	47°	204	139	88	70	swb.w 2	Calm 0	10	10	0.247	Gloomy a.
16	625	29°485	35°	41°	31°	49°	203	235	99	92	Calm 0	Why N 1	10	7	0.161	Scotch 0° early a. ← lying every- where. Clear ice on trees and [fence. 0° till 1p.
17	525	781	36°	34°	33°	43°	203	180	94	91	N by E 1	NE 1	10	9	0.011	0° all a. Clearer p. [0° 0p.
18	835	761	31°	33°	28°	27°	142	147	80	78	NE 1	NE 1	1	10	—	1° a. Bright till 3p., then (mist)
19	582	383	31°	40°	31°	42°	171	215	95	87	NNW 2	SSW 5	10	7	—	0° ga. Wind rising p. Cloudless 10.30p.
20	422	494	33°	33°	33°	40°	175	160	93	84	WSW 4	WSW 3	7	0	0.019	0° ga. Day clear and sunny. (mist) 0p.
21	476	29°537	32°	33°	32°	36°	178	187	97	97	W by N 2	SW 3	3	5	0.012	0° ga. 0° later. Dull all day.
22	836	30°118	33°	30°	30°	38°	174	173	92	100	NW 2	SW 1	9	1	0.173	(mist) 0p. Low 0p.
23	819	29°575	34°	48°	29°	48°	194	315	98	94	S by E 2	sw by S 3	10	10	0.292	0° early a. 7.30a. 0° Noon.
24	480	218	45°	46°	45°	51°	272	292	90	94	Why S 5	SSW 3	1	10	0.090	Cloudy and mild a. Clearer p. Bar.
25	116	359	41°	35°	35°	46°	249	160	95	77	Why S 1	swb.w 5	7	1	0.017	[falling fast.
26	440	651	30°	31°	31°	35°	115	156	68	86	swb.w 2	Why N 4	0	0	—	Wind veering slowly and rising p.
27	674	590	28°	30°	27°	34°	127	145	83	86	W 1	S by W 1	0	10	0.294	1° a. Bright all day. [0°
28	362	529	32°	33°	29°	34°	180	188	99	99	N 1	ESE 1	10	10	0.284	1° ga. and all day. Bright day. 5p.
29	478	525	44°	44°	33°	47°	280	279	95	96	swbys 4	swbys 3	9	2	0.030	0° a., 4 ins. deep 0p. 0° Noon.
30	433	005	48°	42°	42°	49°	304	235	92	89	SSW 2	swbyw 6	10	10	0.169	[0° p. 0° 0p.
31	30°372	29°629	34°	33°	32°	42°	176	171	89	90	Calm 0	NNW 3	10	10	0.077	Dull a. ∞ 0-0p.
32	30°065	30°262	31°	33°	29°	41°	103	170	92	90	N by W 1	W by N 2	10	0	0.028	Gloomy a. 0° till 5p. Wind rose, bar.
Means	29°886	29°892	38°	39°	36°	45°	223	221	91°	88°	2°	2°	7°	6°	2°307	[fell. Squally Midt.

CHURCHSTOKE.













































Height above Mean Sea Level, 548 feet. Long. 3° 5' W. Lat. 52° 31' N.
DECEMBER 1880.

[illegible]

Observer remarks: Stock doing well, but there is some complaint of sheep-rot. Roots keeping pretty well, wheat strong and healthy.

GELDESTON (BECCLES).

Height above Mean Sea Level, 37 feet. Long. $1^{\circ} 31'$ E. Lat. $52^{\circ} 28'$ N.
DECEMBER 1880.

1	30°169	30°019	44°0	48°0	42°4	49°7	*283	*309	98	93	SW	3	WSW	2	9	10	—	 a.  9a. Cloudless 0.15a.
2	*204	*208	44°0	33°2	33°0	48°1	*194	*188	98	99	W	1	W	1	0	0	*010	 9a. Cir.-s. during day. 
3	*313	*272	37°1	46°1	38°1	46°1	*219	*288	99	93	SW	2	SW	2	10	0	*010	 8a.  9a. [19p.
4	*410	*453	39°3	48°1	38°5	48°6	*241	*331	100	98	W	2	W	2	10	10	—	 29a.
5	*444	*427	43°9	46°9	40°3	48°9	*265	*288	92	91	W	2	SW	2	10	10	—	 9a.
6	*396	*469	48°9	48°9	46°3	51°6	*322	*320	93	93	W	3	W	2	10	9	*040	[from NNW 9a. and gp. Cum. moving slowly
7	*605	*616	48°9	48°0	40°0	51°0	*256	*309	100	93	Calm	0	SW	2	10	10	—	 2 9a.  9p.
8	*556	*410	47°0	48°1	45°1	48°4	*284	*271	89	81	WSW	3	W	4	10	10	—	 0 9a.
9	*334	*245	47°4	46°1	45°0	48°3	*296	*264	91	85	W	2	WNW	5	10	10	—	Cir.-s. from N., Cum. from NW. 9a.
10.	*153	*234	51°2	43°4	41°8	55°0	*236	*236	90	83	W	3	W	4	8	0	—	 0 9p. [9a. and gp.  0 9p.
11	30°262	*015	37°0	43°9	36°1	45°8	*202	*254	92	88	W	1	W	4	2	2	—	Cir.-s. from NW, Cum. from WNW. 9a.  0 9p.
12	29°097	30°015	42°8	42°0	41°4	46°8	*217	*220	79	83	WSW	3	WSW	3	1	9	*030	Cir.-s. and Cum. from NW. 9a.  0 9p.
13	*846	29°544	48°6	47°0	41°0	50°0	*302	*291	89	91	W	5	WNW	4	10	10	*170	Squally 9a.
14	*850	*983	39°0	35°2	33°4	47°0	*181	*149	77	72	NW	4	W	2	10	1	*180	 n. Cir.-c. and Cum. from
15	*708	*444	30°9	45°0	32°9	50°2	*200	*280	95	94	SSE	3	W	2	10	1	*220	 0 9p. before 9a. Nearly over-
16	*469	*744	45°0	38°8	38°0	45°6	*271	*169	91	73	W	2	W	2	9	4	—	 0 9a.  0 9p. [east 9.5p.
17	*825	*733	36°1	38°0	34°9	39°9	*157	*163	73	71	ENE	2	E	4	1	4	*010	Cir.-s. from W. 9a.  0 on grass.
18	*568	*437	38°3	44°0	36°2	44°0	*225	*257	88	89	Calm	0	WSW	5	10	6	*020	 a. Coloured 0 0.30p.
19	*457	*516	38°9	37°1	35°1	44°0	*184	*179	79	81	SW	3	WSW	4	8	8	*080	 0 9p.  0 10.30p.
20	*447	29°496	35°2	32°8	32°3	38°9	*202	*183	98	98	WSW	1	W	1	10	10	*020	 0 9a.  0 9a.  0 9p.
21	*755	30°110	35°1	31°1	30°9	43°9	*183	*175	89	100	WNW	2	W	1	1	0	*030	 0 9p.
22	*931	29°610	38°1	50°1	28°0	50°1	*223	*313	97	91	SSW	2	WSW	4	10	10	*250	[2.45p
23	*494	*312	49°0	47°5	46°0	54°0	*303	*316	97	96	W	4	SSW	3	9	9	100	(force 6-7) 5.25a. Coloured  0
24	*116	*270	46°1	39°9	39°5	49°5	*234	*205	91	83	WSW	3	W	4	10	0	—	 0 9a. and gp.
25	*398	*590	32°1	32°7	31°2	39°9	*134	*250	73	81	W	4	W	3	0	0	—	 0 9a. and gp.
26	*655	*610	31°0	30°1	29°9	38°5	*146	*149	84	89	W	2	E	1	0	0	*180	 0 9a. and gp.
27	*385	*566	35°2	38°2	29°9	38°2	*202	*224	98	98	E	2	E	1	0	0	*290	 0  0  0 9a.
28	*558	*581	47°8	48°8	38°0	52°4	*312	*223	94	93	SW	3	SSW	3	4	9	*010	[force 7] 6p.
29	*536	*091	48°6	49°6	45°3	49°6	*395	*313	90	88	SSW	4	SSW	6	10	9	*130	Cir.-s. from SSW. 9a.  0 9a.  0 9a.  0 9p.
30	*418	29°568	38°2	34°1	31°7	40°6	*202	*191	88	97	WSW	1	WNW	2	10	10	*130	 n. (force 7, 3a.)  0 9a.  0 9p.
31	29°958	30°198	35°5	32°6	36°2	37°4	*195	*169	94	90	NW	2	WSW	2	8	0	*060	 2 Cir.-s. from WNW. 9a.  0 9p.  0 9p.
Means	29°378	29°877	40°9	41°8	36°9	46°8	*237	*242	90°5	88°9	2°4	2°8	7°4	5°8	1°970			[11a.  0 9p.

CHELTENHAM.

Height above Mean Sea Level, 184 feet. Long. $2^{\circ} 3' W.$ Lat. $51^{\circ} 54' N.$
DECEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°2	46°7	44°4	52°5	in.	in.	90	93	S	1	SW	1	6	10	ins.	Very fine day.
2			30°6	35°3	29°2	46°8	1°66	*199	97	97	Calm	0	Calm	0	8	0	*020	☼☼☼ 9a. Fine, but dull.
3			47°5	48°0	34°5	51°3	*304	*284	94	85	S	1	SW	2	10	10	—	Very fine and bright.
4			48°5	32°8	32°0	52°1	*313	*313	93	95	SW	1-	Calm	0	10	0	—	Very fine and bright.
5			47°8	49°6	31°9	51°5	*281	*317	85	90	S	1	S	1	10	10	—	Very fine and bright.
6			49°4	46°8	40°8	52°6	*327	*298	93	93	W	1	W	1	6	0	—	Very fine and bright.
7			47°7	46°6	45°1	51°4	*311	*283	94	90	Calm	0	W	1	10	10	—	Very fine and bright.
8			48°5	48°4	45°9	50°0	*292	*273	87	81	SW	1	W	1	10	8	—	Fine, but dull.
9			49°5	46°9	44°0	50°8	*303	*278	87	88	W	1	Calm	0	10	9	—	Dull day.
10			52°8	42°8	42°2	55°0	*345	*242	86	88	NW	1	NW	1	9	0	—	Dull day.
11			33°6	46°5	28°9	47°6	*182	*259	94	83	W	1	W	2	0	10	—	Very fine day.
12			46°0	46°8	42°0	50°0	*230	*257	75	81	W	2	W	2	6	10	—	Very fine day.
13			51°0	50°8	46°0	53°0	*298	*277	80	75	W	3	W	3	8	8	*050	Very fine day.
14			42°8	33°0	32°5	53°0	*262	*184	96	98	Calm	0	NW	1	10	10	*400	☼ all day. ✕ at night.
15			49°8	45°0	32°5	51°2	*348	*265	97	89	W	2	W	1	10	3	*060	☼ all day.
16			46°0	38°3	37°5	47°2	*289	*194	94	84	W	1	Calm	0	10	8	—	Dull day.
17			30°4	34°6	29°5	38°3	*136	*164	80	82	N	1	Calm	0	4	10	*010	✕ ⁰ showers.
18			32°7	42°0	28°5	45°5	*162	*219	88	83	S	1	SW	1	8	3	*070	☼ ✕ ⁰
19			37°8	39°8	36°0	42°2	*185	*204	90	84	W	4	W	1	5	5	*310	Fine and sunny.
20			33°4	31°0	28°0	39°8	*184	*164	97	94	Calm	0	Calm	0	10	8	*050	☼☼☼ 9a. Very dull and gloomy.
21			32°5	29°1	26°2	40°1	*173	*140	95	88	NW	1	NW	1	9	0	*220	Fine and sunny. ☼ ⁰ (mist) 9p.
22			42°2	52°5	28°2	53°0	*258	*381	96	97	S	2	SW	2	10	10	*280	☼ early a. Squally. ☼ ⁰ all day.
23			49°5	48°6	46°2	52°8	*316	*293	90	86	Calm	0	SW	4	10	10	*170	Squally 9p. ☼ ² at night.
24			45°0	36°2	35°4	48°6	*267	*172	89	81	W	1	NW	2	6	0	—	Fine day. ☼☼ 9p.
25			31°5	28°0	27°0	38°8	*132	*128	75	84	Calm	0	NW	1	0	0	—	☼☼☼ ⁰ (mist) 9a. ✕ ⁰ Noon.
26			25°7	34°0	24°0	37°5	*114	*179	83	91	Calm	0	S	1	8	10	*300	✕ ⁰ at night.
27			35°5	38°5	33°0	38°5	*201	*220	98	98	Calm	0	Calm	0	10	10	*210	☼☼☼ all day.
28			50°4	50°5	35°5	52°5	*317	*323	87	89	SW	1	W	2	10	10	*330	Day dull, damp, and close.
29			50°0	41°4	39°5	51°2	*334	*210	93	81	SW	1	SW	3	10	7	*340	☼ all day.
30			33°0	31°0	30°0	42°0	*184	*169	98	97	S	1	Calm	0	10	4	*180	✕ ⁰ a. ☼☼☼ ⁰ at night.
31			34°3	35°2	29°0	37°0	*172	*182	86	88	NW	3	Calm	0	10	0	*020	✕ ⁰ morning. Sunny day. ☼☼☼ ⁰ [at night.
Means	—	—	42°0	41°2	35°0	47°5	*248	*234	89°9	88°2	1°1		1°1		8°2	6°2	2°920	

CARMARTHEN.

Height above Mean Sea Level, 188 feet. Long. $4^{\circ} 18' W.$ Lat. $51^{\circ} 52' N.$
DECEMBER 1880.

1	30°060	30°124	50°1	44°5	44°1	51°4	*349	*273	96	93	S	5	W	1	8	2	*040
2	*268	*246	33°4	42°1	31°3	45°0	*191	*250	100	93	Calm	0	E	1	10	10	*040
3	*256	*331	49°9	50°2	42°1	51°3	*352	*348	98	96	SW	2	SW	2	10	10	*020
4	*469	*494	49°9	49°5	48°0	52°1	*338	*336	95	96	W	1	W	2	10	10	—
5	*507	*502	50°9	50°9	47°4	52°0	*355	*349	95	94	SW	3	SW	1	10	10	—
6	*510	*554	49°6	48°0	47°5	51°4	*339	*322	96	97	SW	3	SW	1	10	10	*010
7	*633	*646	48°3	47°8	46°8	49°4	*336	*315	99	95	SW	2	Calm	0	10	9	—
8	*637	*545	48°8	46°0	46°0	50°2	*312	*283	91	92	SW	1	W	1	10	0	—
9	*537	*474	49°9	52°3	44°3	53°5	*352	*342	98	87	W	3	W	3	10	6	—
10	*413	*451	51°5	42°9	42°5	54°5	*358	*256	95	93	NW	3	Calm	0	10	0	—
11	*356	*175	43°1	46°8	36°6	50°4	*205	*296	95	93	W	1	W	3	8	3	*030
12	*214	*169	46°0	48°2	44°3	51°2	*247	*293	80	88	NW	2	W	3	3	8	—
13	30°100	30°043	50°5	51°7	47°3	52°6	*316	*334	87	87	W	4	NW	3	10	9	*050
14	29°095	29°035	45°2	40°1	39°7	51°0	*202	*246	97	99	N	1	E	1	10	10	*720
15	*606	*522	50°9	46°6	37°0	52°4	*373	*298	100	95	W	2	W	1	10	9	*250
16	*545	*713	43°5	40°4	39°8	50°6	*280	*205	99	82	W	1	E	2	9	10	—
17	*798	*746	33°9	30°1	29°5	43°5	*156	*140	79	84	N	2	Calm	0	0	0	*160
18	*487	*404	37°3	39°6	23°4	48°1	*221	*217	99	89	SE	2	SW	2	10	7	*420
19	*545	*531	37°4	37°9	35°1	41°2	*154	*195	69	86	W	2	W	1	6	10	*210
20	*482	*664	34°8	34°8	32°5	40°5	*198	*180	98	94	Calm	0	W	1	10	7	*050
21	*948	30°055	38°3	35°8	34°4	44°1	*207	*202	90	97	Calm	0	Calm	0	2	9	*670
22	*732	29°538	51°4	50°9	34°4	52°4	*379	*373	100	100	SW	4	SW	6	10	10	*320
23	*558	*151	49°7	46°0	45°6	52°6	*340	*302	96	97	SW	4	SW	1	10	10	*550
24	*247	*561	46°0	36°8	36°4	46°8	*287	*163	93	75	W	3	NW	2	8	0	—
25	*615	*760	34°1	31°4	29°0	41°4	*156	*155	78	88	W	2	Calm	0	2	10	—
26	*717	*393	28°8	35°6	27°2	36°1	*144	*196	91	95	Calm	0	E	3	9	10	*780
27	*325	*379	37°0	48°7	35°1	49°3	*218	*343	99	100	Calm	0	SW	3	10	10	*350
28	*477	*450	48°9	46°8	46°0	50°7	*346	*312	100	98	SW	5	SW	4	10	10	*880
29	*311	*248	46°4	40°4	37°1	49°2	*313	*222	99	89	E	1	W	4	10	6	1070
30	29°395	29°756	34°5	33°1	32°5	40°7	*196	*182	98	97	E	1	Calm	0	10	3	*140
31	30°039	30°406	35°9	39°1	32°5	43°0	*193	*208	92	88	N	3	Calm	0	3	10	*070
Means	29°934	29°933	43°7	43°1	38°6	48°4	*276	*263	93°6	92°2	2°0		1°7	8°3	7°3	6°8	30

ga.

10a.

ga.

2a. and 5a.

* early a.

MARLBOROUGH.

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

DECEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	44.1	47.6	44.0	49.7	ins.	ins.	95	94	S 1	W 1	0	10	ins.	Dull day. ● p.
2	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	Calm	0	0	0	0.10	Fine and bright day. ☼ p.
3	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	SW 1	W 1	10	1	—	☼ ga. and before.
4	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	SW 1	W 1	10	1	—	
5	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	Calm	0	10	1	—	Dull day.
6	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	Calm	0	10	1	—	Dull day.
7	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	W 1	W 1	10	10	—	Dull day.
8	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	Calm	0	10	10	—	Dull day.
9	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	W 1	NW 2	8	7	—	Dull day.
10	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	NW 1	NW 1	9	2	—	
11	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	Calm	0	0	2	—	☼ (mist) ga. Fine day.
12	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	NW 1	NW 1	8	9	—	
13	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	W 2	NW 1	10	9	—	Dull.
14	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	NW 2	NE 1	10	10	—	☼ all day.
15	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	NW 2	NW 2	10	8	—	☼ all day.
16	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	W 1	NE 2	9	9	—	Very dull day.
17	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	E 2	E 1	10	10	—	☼ all day.
18	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	Calm	0	8	9	—	
19	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	W 2	Calm	0	10	10	Cloudy a. ☼ Noon—3p. Clear and
20	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	Calm	0	10	0	—	☼ Very fine. ☼ (mist) op.
21	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	NW 1	Calm	0	0	—	☼ (mist) ga. Dull with ☼.
22	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	S 2	W 2	10	10	—	Fine and warm. ☼ 8.45p.
23	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	W 1	W 2	9	10	—	Very fine a.
24	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	W 1	Calm	0	2	1	☼ (mist) ga. Day very fine.
25	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	Calm	0	0	0	—	☼ in the evening.
26	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	Calm	0	7	10	—	☼ almost all day.
27	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	W 1	W 1	9	10	—	
28	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	W 1	W 1	10	8	—	☼ all day.
29	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	S 1	NW 3	10	3	—	☼ before ga. Fine day.
30	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	Calm	0	10	0	—	
31	30.175	30.102	44.1	47.6	44.0	49.7	275	307	95	94	N 1	Calm	0	9	—	
Means	29.948	29.963	41.8	40.8	36.8	47.3	251	236	92.4	90.4	0.9	1.0	7.9	6.2	3.920	

STRATHFIELD TURGISS.

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

DECEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	SW 3	SW 3	4	10	—	
2	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	W 1	Calm	0	5	0	☼ a. ☼ 9p.
3	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	Calm	0	10	0	—	☼ a.
4	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	W 2	SW 2	8	10	—	
5	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	SW 2	SW 2	10	8	—	
6	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	W 3	W 3	10	10	—	
7	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	W 2	W 2	10	10	—	
8	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	W 3	W 3-4	10	8	—	
9	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	W 3	NW 2	9	3	—	
10	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	NW 3	W 3	8	7	—	☼ p.
11	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	NW 2	SW 2-3	5	8	—	☼ p.
12	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	W 3	W 3-4	2	10	—	Squally ☼ p.
13	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	W 4-5	W 3-4	10	7	—	☼ a. Squally all day. ☼ p.
14	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	NE 1	N 2	10	10	—	☼ ga. ☼ ☼ ☼ p.
15	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	SW 5-3	W 2	10	0	—	Squally ☼ a.
16	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	W 3	NE 2-3	10	10	—	
17	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	NE 3	NE 2	10	10	—	Squally ga.
18	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	W 3	SW 3	3	3	—	
19	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	W 4-3	W 2	10	10	—	Squally ga.
20	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	SE 1	NE 1	10	2	—	☼ ga. ☼.
21	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	N 3	W 0-1	0	0	—	☼ p.
22	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	SE 3	SW 4-5	10	10	—	Squally ☼ p.
23	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	W 4	W 4-6	9	10	—	Squally ☼ p.
24	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	W 4-6	NW 4-3	1	1	—	Squally ☼ p.
25	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	W 3	W 2	0	0	—	☼ p.
26	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	W 1	SE 2	5	10	—	☼ ☼ p.
27	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	W 3	SW 2	8	8	—	☼ 3p.
28	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	W 3	SW 1	10	0	—	
29	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	S 1	NW 5-4	10	3	—	Squally ☼ op.
30	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	SW 1	NW 1	10	0	—	
31	30.191	30.099	46.5	49.2	45.1	50.2	272	322	87	93	NW 1	NW 1	10	0	—	
Means	29.945	29.961	42.8	42.2	37.5	48.4	250	241	88.5	87.2	2.5	2.3	7.6	5.7	2.820	

RAMSGATE.

Height above Mean Sea Level, 105 feet. Long. 1° 25' E. Lat. 51° 20' N.

DECEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	44.5	42.5	42.2	48.2	ins.	ins.	98	98	S 2	S 3	10	10	ins.		
2	30.220	30.206	44.5	39.5	38.2	36.5	289	261	100	98	Calm	0	S 1	10	0	—	
3	30.66	41.2	41.8	44.5	34.2	47.5	260	281	99	96	S 1	Calm	0	10	0	☼ 110	
4	45.2	52.1	45.6	46.6	38.8	49.2	304	231	99	74	SW 1	SW 1	10	0	—		
5	52.0	47.3	45.8	47.2	42.2	50.1	267	309	87	96	Calm	0	SW 1	10	9	—	
6	47.1	54.0	47.2	48.8	42.5	50.0	309	304	96	88	W 1	W 1	9	10	—		
7	63.9	67.9	45.5	48.2	45.5	52.3	303	328	99	98	Calm	0	Calm	0	3	10	—
8	63.9	52.0	45.6	48.4	44.1	49.1	299	309	98	91	Calm	0	SW 2	10	10	—	
9	44.4	33.9	48.1	44.8	44.5	50.2	327	271	97	92	W 1	W 3	10	2	—		
10	23.7	32.1	51.2	45.0	42.7	54.8	317	250	84	84	W 2	W 3	1	3	—		
11	34.6	30.126	37.8	41.8	36.9	47.2	211	240	93	92	W 1	W 2	2	1	5	—	
12	30.116	29.967	44.6	45.7	41.2	50.4	254	274	86	90	W 3	SW 2	3	10	—		
13	29.963	94.3	49.0	49.5	35.0	51.7	280	207	81	84	SW 2	SW 2	2	8	9	☼ 020	
14	93.8	87.0	42.5	42.1	39.1	49.5	267	266	98	99	S 1	SW 1	10	10	0	☼ 040	
15	82.8	63.0	44.0	49.4	37.0	50.6	288	331	100	94	S 1	SW 2	10	8	110		
16	55.0	72.2	45.4	43.3	41.4	50.2	289	233	96	83	SW 2	SW 2	2	3	10	—	
17	75.6	73.2	37.8	38.5	37.2	50.1	201	227	89	98	E 5	SW 1	10	10	—		
18	61.6	60.2	39.2	39.3	37.1	45.1	238	236	99	99	SW 1	SW 1	10	10	—	☼ ⁰ (mist) a.	
19	56.3	59.1	40.2	40.1	37.3	45.2	214	214	87	86	SW 1	SW 1	4	10	—	590	
20	49.2	29.576	39.8	35.2	35.1	40.5	238	199	98	97	SE 1	W 2	10	10	—		
21	82.7	30.135	37.8	32.5	32.2	41.1	201	177	89	97	W 4	W 1	10	10	—	☼ 050	
22	94.9	29.722	40.2	49.2	32.0	50.9	249	322	100	93	SW 3	SW 4	10	10	—	☼ 480	
23	61.6	36.5	49.2	49.5	32.1	52.3	322	352	93	99	SW 1	SW 6	10	10	—	130 Squally p.	
24	29.1	41.4	46.0	41.0	41.0	50.8	281	216	92	84	SW 3	SW 1	10	0	—		
25	53.5	62.4	31.5	33.8	30.5	41.0	142	140	80	72	NE 1	E 2	10	10	—		
26	72.9	62.2	31.0	40.5	29.5	41.5	145	200	82	80	E 1	SW 2	10	10	—	120	
27	65.0	57.9	44.7	48.8	32.8	51.2	292	327	98	95	SW 1	SW 2	10	0	—		
28	31.2	72.5	47.5	49.8	38.3	59.3	316	329	97	92	SW 4	SW 3	10	10	—	☼ 030	
29	58.6	155	48.5	49.2	44.5	51.6	331	319	98	92	S 2	SW 7	10	10	—	120 Squally p.	
30	29.583	29.599	48.2	46.2	36.2	50.1	319	205	96	96	SW 2	Calm	0	10	10	—	270
31	30.004	30.279	37.2	32.5	31.3	38.4	208	162	94	89	Calm	0	Calm	0	10	0	—
Means	29.953	29.943	43.1	43.3	37.8	48.4	265	259	93.6	91.1	1.5	1.9	8.5	7.3	2.070		

ST. LEONARDS.

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

DECEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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. 30° 227	ins. 30° 133	50° 0'	48° 6'	45° 7'	50° 0'	in. .329	in. .320	% 92	% 84	SSW 2	W 3	8	10	ins. °.080	D ² ga. Overcast all day.
2	*245	*335	43° 2'	40° 2'	39° 5'	49° 9'	*245	*207	88	94	N 2	N 1	7	0	—	● n. Temp. falling ga. D p.
3	*369	*386	46° 6'	49° 2'	38° 8'	49° 9'	*287	*320	91	95	S 2	W 3	10	5	—	☁ during day. D in evening.
4	*466	*532	46° 1'	47° 7'	44° 4'	50° 8'	*277	*294	89	88	NW 2	NW 2	10	2	*010	—
5	*536	*534	47° 1'	47° 6'	44° 9'	50° 1'	*281	*313	87	95	WNW 1	WNW 3	10	10	—	Overcast all day. D p.
6	*504	*554	48° 4'	46° 9'	46° 9'	50° 5'	*318	*318	94	98	WSW 3	W 2	9	10	—	D gp.
7	*636	*672	46° 7'	46° 5'	44° 3'	52° 5'	*301	*298	94	94	N 1	Calm	0	6	9	☁ till 10a. U D p.
8	*669	*559	45° 7'	48° 1'	44° 8'	48° 8'	*306	*311	99	93	WNW 1	W 2	10	10	—	Gloomy all day.
9	*479	*307	45° 2'	44° 7'	44° 7'	51° 1'	*385	*284	95	96	W 2	WSW 2	10	3	—	D p.
10	*368	*364	50° 6'	45° 3'	43° 5'	56° 0'	*323	*254	90	84	WNW 3	WNW 2	9	3	—	D ² a. and p. Spring-like day.
11	*361	*171	37° 7'	45° 1'	36° 7'	45° 5'	*216	*279	96	93	WNW 2	W 4	1	9	—	D ² a.
12	*166	30° 187	45° 4'	42° 0'	41° 5'	50° 0'	*276	*233	92	88	W 1	W 2	8	6	—	D a. U p.
13	30° 034	29° 999	47° 2'	47° 1'	40° 5'	50° 7'	*287	*290	89	90	W 4	W 4	9	10	*010	Overcast all day.
14	29° 931	30° 043	45° 4'	38° 5'	38° 1'	50° 7'	*278	*196	92	85	NNW 3	Calm	0	10	*265	Gloomy all day, with ☁. Max [temp. reached before 9]
15	*746	29° 568	49° 4'	47° 6'	35° 6'	50° 6'	*348	*325	98	97	WSW 5	W 4	10	2	*230	Squally (force 6 at times) till eve
16	*586	*501	47° 0'	40° 8'	40° 5'	50° 1'	*393	*232	94	92	W 2	NNE 3	9	10	*226	Sudden shift of wind to N. 4.10p. [9
17	*704	*655	38° 6'	39° 1'	38° 3'	43° 0'	*226	*231	97	97	ENE 4	E 3	10	10	205	☉ all day. Max. temp. reached before 9
18	*632	*547	38° 7'	46° 1'	37° 4'	47° 9'	*233	*262	99	84	W 3	WSW 5	10	4	*400	☁ early a. (gale) from SW [4p.—6p. < in S. 7.]
19	*585	*595	42° 6'	42° 7'	41° 1'	47° 9'	*233	*268	86	96	WSW 3	WSW 2	6	10	1360	☁ at times in squalls. Max. temp. [reached before 9]
20	*462	29° 613	39° 6'	34° 2'	34° 2'	47° 2'	*240	*192	98	97	NNE 4	W 2	10	2	*444	☁ early a. Bar. 29° 373 2.25p. ☉ [till 6.30]
21	*852	30° 181	35° 6'	34° 2'	33° 0'	40° 9'	*195	*181	93	91	NW 3	NW 2	1	5	*109	☁ ga. ☁ all day. — op. temp. rising
22	*949	29° 762	43° 5'	50° 1'	34° 2'	51° 0'	*249	*247	88	96	S 6	W 5	10	9	*431	☉ 7a.—4p. ☁ (gale) at times. [10]
23	*408	*398	49° 7'	48° 8'	48° 5'	49° 9'	*331	*343	93	99	WSW 5	WSW 5	9	3	*230	☁ (gale) n. Squally from 6p. ☁ (gale)
24	*202	*451	47° 3'	39° 6'	39° 6'	50° 7'	*302	*210	93	86	WSW 4	W 4	7	0	*010	☁ (gale) n. Spring-like day. [after 9]
25	*546	*754	31° 3'	31° 7'	30° 8'	39° 6'	*152	*153	86	85	NW 3	NW 2	0	0	*010	☉ ga. Beautiful day. — op.
26	*753	*608	34° 5'	41° 8'	30° 5'	42° 8'	*160	*200	81	77	W 1	S 5	9	10	*280	☁ ga. ☁ (force 6) after 9p.
27	*388	*585	49° 0'	49° 1'	37° 4'	51° 8'	*338	*339	97	97	W 4	WSW 4	10	8	*109	☉ n. Overcast all day.
28	*655	*671	49° 7'	49° 2'	48° 9'	50° 8'	*352	*337	99	97	SW 5	SW 4	9	2	*015	[Bar. rose and temp. fell fast after 9p.]
29	*554	*152	49° 0'	50° 4'	48° 9'	51° 0'	*315	*308	91	85	SSE 5	SSW 8	10	9	*204	Overcast all day. ☁ (gale) from 4p.
30	29° 425	29° 617	45° 5'	34° 6'	34° 1'	50° 4'	*248	*181	82	91	S 7	NW 3	10	0	*371	Squally ga. ☁ noon. Overcast till 4p.
31	30° 020	30° 333	47° 7'	32° 5'	31° 0'	50° 4'	*180	*152	90	82	NNW 3	NW 2	7	2	—	—
Means	29° 956	29° 968	44° 2'	43° 5'	40° 0'	48° 8'	*272	*264	92° 0'	91° 2'	3° 1'	3° 0'	8° 2'	5° 8'	4° 999	—

DARTMOOR.

Height above Mean Sea Level, 1,359 feet. Long. 3° 59' W. Lat. 50° 33' N.

DECEMBER 1880.

1	30° 174	30° 152	44° 9	45° 5	43° 0	47° 0	*298	*259	100	86	WSW	2	10	10	'090	☼ a. and p.		
2	'300	*248	36° 5	44° 5	32° 5	45° 5	*186	*294	87	100	NE	1	NE	1	7	10	'070	☼ gp.
3	'344	*419	45° 5	44° 2	42° 6	46° 2	*305	*263	100	91	SW	1	SW	2	10	5	—	☼ ga.
4	*519	*548	44° 4	44° 6	43° 0	47° 2	*255	*280	86	95	SW	2	SW	3	10	10	'030	—
5	*549	*551	44° 2	43° 4	43° 0	46° 0	*290	*281	100	100	SW	3	SW	3	10	10	—	☼ a. and p.
6	*560	*635	44° 2	42° 9	42° 6	44° 8	*290	*269	100	98	W	1	W	2	10	10	—	☼ a. and p.
7	*675	*684	41° 9	44° 1	40° 8	44° 5	*266	*287	100	99	SSW	1	SSW	2	10	10	—	☼ all day.
8	*685	*623	44° 4	43° 0	40° 0	46° 0	*202	*277	69	100	SW	1	SW	2	10	10	'130	☼ before ga.
9	*550	*587	43° 0	43° 0	42° 0	48° 0	*266	*277	96	100	SW	2	SW	4	10	10	'110	☼ a. and p.
10	*501	*503	46° 5	41° 0	40° 0	49° 0	*317	*257	100	100	SW	3	NW	3	10	10	'040	☼ ga. and p.
11	*410	*245	41° 0	41° 6	39° 6	44° 7	*216	*258	84	98	NW	2	N	2	10	10	—	☼ a. and p.
12	*303	*313	42° 6	42° 0	40° 8	44° 4	*255	*240	93	91	NW	2	NW	1	5	10	—	☼ before ga.
13	*203	*184	46° 2	45° 5	41° 0	49° 0	*294	*263	95	97	NW	2	NW	2	10	10	'240	—
14	30° 086	30° 041	46° 2	43° 0	42° 0	47° 0	*313	*277	100	100	SW	3	SW	1	10	10	1° 390	☼ gp.
15	29° 739	29° 658	46° 9	43° 5	43° 0	48° 0	*299	*283	94	100	WSW	5	WSW	4	10	10	'780	☼ gp.
16	*593	*603	42° 8	34° 0	34° 0	43° 5	*275	*196	100	100	W	3	ENE	3	10	10	'200	☼ ga.
17	*676	*698	31° 0	30° 0	30° 0	35° 0	*174	*167	100	100	ENE	5	ENE	2	10	10	'090	☼ before ga. ☼ p.
18	*662	*568	32° 5	38° 0	27° 0	45° 0	*173	*208	95	91	SW	2	SW	1	10	10	'590	☼ ga.
19	*659	*584	34° 5	35° 4	34° 5	39° 0	*193	*207	97	100	W	2	W	2	10	10	1° 430	☼ ga.
20	29° 459	29° 750	37° 4	34° 5	33° 0	38° 0	*224	*189	100	95	SW	3	SW	2	10	10	'350	—
21	30° 002	30° 102	38° 0	39° 5	34° 0	39° 5	*208	*231	91	96	N	2	S	2	8	10	'430	☼ ga. and before.
22	29° 881	29° 699	48° 0	48° 4	38° 0	48° 5	*335	*330	100	97	W	2	W	5	10	10	'470	☼ ga. and before.
23	*656	*322	48° 0	44° 0	43° 0	48° 5	*335	*284	100	98	W	2	W	4	10	10	'370	—
24	*323	*589	44° 0	34° 5	34° 0	45° 0	*276	*170	96	85	NW	4	NW	3	10	10	—	—
25	*650	*800	36° 0	31° 0	31° 0	39° 0	*192	*119	91	85	NW	1	NW	2	0	0	—	—
26	*748	*484	37° 0	32° 0	29° 0	38° 0	*200	*181	91	100	N	1	E	2	10	10	'390	☼ p.
27	*432	*593	46° 2	47° 0	38° 0	48° 0	*313	*323	100	100	SW	2	W	6	10	10	1° 100	☼ a. and gp.
28	*574	*698	46° 9	45° 0	43° 0	48° 0	*322	*299	100	100	W	5	SW	3	10	10	1° 390	—
29	*279	*274	46° 0	36° 7	35° 6	49° 4	*311	*218	100	100	S	4	SW	6	10	10	'700	—
30	29° 402	29° 794	31° 9	31° 0	30° 0	46° 0	*180	*137	100	79	SW	2	W	1	7	2	'110	☼ before ga.
31	30° 218	30° 419	33° 2	34° 0	30° 0	35° 0	*162	*162	86	79	N	3	W	2	7	10	'070	☼ p.
Means	20° 994	30° 008	41° 7	40° 2	37° 2	44° 6	*256	*243	95° 2	95° 5		2° 4		2° 6	9° 2	9° 3	10° 400	

BABBACOMBE.

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

DECEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	48°	49°	44°	54°	in.	in.	%	%	SW 3	SW 3	8	10	ins.	2 ^h till 9a. ☁ ⁰ (mist) a. ☉ ⁰ 2 p.
2	30°109	30°128	48°	49°	44°	54°	323	333	94	95	N 1	ESE 1	9	10	0°80	1 ^h a. ☉ with parhelia 9.14a. ☁ ⁰ 9p.
3	264	283	41°	47°	36°	49°	246	323	96	98	SW 2	SW 2	9	1	—	☁ ⁰ n. ☉ a. and p. ☁ ⁰ (mist).
4	339	397	50°	46°	45°	53°	345	279	96	89	SSW 1	SW 3	10	10	0°10	☁ ⁰ (mist) a.
5	510	547	47°	48°	44°	52°	298	322	90	90	SW 2	WSW 3	10	4	—	☁ ⁰ (mist) a. ☉ p.
6	558	544	48°	46°	49°	49°	316	295	94	93	WSW 2	WSW 1	9	10	—	☉ till 9a.
7	563	507	48°	47°	46°	51°	308	298	90	91	W 1	SW 1	10	10	—	☁ ⁰ (mist) a. and p.
8	664	665	45°	49°	48°	48°	286	321	93	95	SW 1	WSW 3	10	10	—	☁ ⁰ (mist) a.
9	672	618	48°	47°	47°	50°	325	305	96	93	WNW 3	WNW 3	10	10	—	☉ p.
10	586	539	50°	52°	45°	53°	334	331	91	83	WNW 4	W 2	9	1	—	Squally before 9a. ☉ p.
11	452	467	52°	46°	46°	55°	333	273	85	89	WSW 1	WSW 2	10	5	—	☁ ⁰ (mist) ☉ a. ☉ p. ☉ 9-9.20p. ☉ 11p.
12	396	237	41°	44°	37°	53°	252	267	96	93	WNW 2	WSW 3	2	9	—	☉ till 10a. and after 5p. ☉ 11p.
13	264	269	47°	49°	43°	51°	260	261	81	84	W 4	W 3	9	8	—	
14	179	30°139	49°	50°	45°	54°	284	296	80	82	W 5	WSW 3	10	10	1°10	
15	30°043	29°066	50°	50°	48°	52°	328	343	88	95	WSW 6	WSW 3	10	2	1°00	☉ mid-day.
16	29°728	636	50°	46°	45°	51°	361	292	98	94	WSW 3	ENE 6	4	10	0°89	☉ 3.30p. ☉ 6p.—Midt.
17	576	632	46°	41°	41°	53°	294	243	95	94	NE 5	NNE 3	10	10	1°00	☉ showers a. and p. Squally.
18	655	583	36°	34°	34°	41°	208	182	97	92	SW 3	WSW 6	10	2	1°00	☁ ⁰ (mist) a. ☉ Noon. Squalls. ☉ in SE. 9.25p., in NE. 11.15p.
19	641	524	35°	43°	30°	50°	189	240	93	86	W 5	WSW 2	8	10	0°89	Squally a. ☉ Midt. ☉ after 9p.
20	618	576	40°	39°	37°	43°	205	237	81	97	NNE 2	WSW 2	10	2	1°00	☉ 2 ^h n. ☉ (4.45-5) 3a.-5a. ☉ p.
21	459	29°714	39°	34°	33°	52°	237	200	97	89	WNW 3	SSW 2	8	10	1°30	☉ 5p.-5.45 p. ☉ after 5p.
22	960	30°100	40°	42°	34°	42°	229	228	92	85	WSW 4	WSW 7	10	10	0°80	☉ (mist) a. ☉ in the evening.
23	846	29°679	50°	52°	42°	52°	302	370	98	95	WSW 5	WSW 7	9	5	2°60	☉ with squalls. ☉ in E. Midt.
24	639	272	50°	49°	47°	52°	333	299	91	87	WNW 3	WNW 3	4	8	—	☉ in E.-SE. till 0.15a. ☉ 11.30a.
25	303	575	46°	39°	39°	53°	280	181	88	74	W 1	SW 2	1	0	—	☉ a. and after 5p. ☁ ⁰ [Squally a. (mist) p.]
26	660	812	35°	31°	31°	43°	154	140	74	78	SSW 1	ESE 4	9	10	3°70	☉ (mist) ☉ a. ☉ ☉ showers p.
27	730	456	33°	41°	30°	41°	152	238	81	100	WSW 5	WSW 6	9	9	0°70	☉ in the evening.
28	377	485	50°	51°	50°	52°	348	335	93	91	SW 4	SW 5	10	6	5°70	☁ ⁰ (mist) a. [NW. 4p.]
29	560	561	51°	50°	50°	52°	336	188	96	80	SSE 4	W 4	10	3	3°30	☉ from SSW. 2p.-3p. Squalls. Wind
30	328	353	49°	38°	38°	51°	132	188	96	85	WSW 2	NW 2	4	0	—	☉ n. Snow lying on Dartmoor. ☉ [Wind NNW. 1p.]
31	29°381	29°741	34°	34°	34°	42°	196	172	97	85	NNW 3	W 2	2	8	—	☉ a. Snow lying on Dartmoor.
32	30°184	30°407	36°	36°	31°	43°	187	186	88	86						
Means	29°078	29°988	45°	44°	41°	50°	279	269	91°	89°	2°	3°	8°	6°	4°	560

Note by the Observer:—Roses, violets, and primroses were in bloom after the 10th.

ST. AUBIN'S, JERSEY.

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

DECEMBER 1880.

1	30° 302	30° 339	44° 0	48° 8	41° 9	48° 8	*283	*339	98	98	SE 1	SW 3	8	2	*014	☁ a. Gloomy p. ☁ ⁰ p.
2	*286	*350	51° 5	50° 3	48° 0	52° 7	*373	*365	97	100	Calm 0	Calm 0	10	10	*040	Gloomy and very mild.
3	*425	*505	50° 3	48° 7	47° 0	51° 4	*353	*336	97	98	WhyS 2	WhyS 2	9	10	*001	Gloomy and mild. ☁ ^{4p} .
4	*575	*628	47° 4	49° 3	44° 8	49° 8	*328	*318	100	91	Calm 0	SW 1	10	10	—	☁ ^{4p} early a. Mild. Sunless.
5	*640	*645	48° 5	48° 3	47° 3	49° 6	*285	*306	83	91	SW 3	SW 2	10	7	—	Mild. Very slight range of temp.
6	*639	*666	50° 6	50° 0	47° 4	51° 8	*323	*314	88	87	SW 1	Calm 0	10	10	—	Gloomy a. Mild.
7	*696	*715	49° 8	47° 6	47° 0	50° 8	*320	*317	90	97	Calm 0	E 3	10	10	—	Gloomy.
8	*730	*706	46° 3	49° 8	45° 5	49° 8	*309	*345	99	96	Calm 0	Calm 0	10	10	*003	☁ ^{4p} a. and p. Calm all day.
9	*657	*608	51° 8	51° 6	48° 3	52° 8	*328	*348	85	91	WhyN 2	WhyN 2	8	10	*003	Gloomy and very mild.
10	*535	*524	52° 6	51° 0	50° 1	55° 0	*348	*338	88	90	NW 2	NW 1	10	8	*001	Very mild.
11	*473	*350	49° 0	48° 0	46° 0	51° 2	*269	*285	76	86	NW 1	W 2	10	5	*047	☁ ² and triple ☁ ² ^{9p} . Mild.
12	*337	*370	51° 2	49° 4	47° 3	53° 7	*338	*266	90	75	WNW 2	W 1	10	10	*020	Mild day.
13	*295	*250	51° 5	51° 4	48° 0	53° 9	*307	*321	81	85	W byN 3	W 3	6	7	*006	Mild day. ☁ at times p.
14	30° 206	30° 109	53° 8	51° 4	50° 0	55° 2	*320	*371	77	98	WhyN 2	W 3	5	10	*180	
15	29° 942	29° 770	50° 3	50° 0	48° 4	51° 9	*345	*322	95	90	SW 4	W 3	10	10	*100	Gloomy a. ☁ ⁰ p. ☁ at times p.
16	*721	*653	50° 3	49° 3	48° 0	53° 5	*324	*334	89	95	SW 5	SSW 2	7	7	*100	☁ at times p. ☁ at times p.
17	*612	*624	49° 1	45° 3	44° 3	52° 8	*304	*277	87	92	SW 3	E by S 1	7	9	*035	☁ n. and a. Day fine and bright. ☁
18	*777	*721	44° 2	50° 0	41° 8	50° 0	*302	*304	69	85	W 1	W 8	9	10	*770	Day gloomy. ☁ p. ☁ (force 9) ☁ at night.
19		*658	48° 5	52° 5	46° 2	52° 5	*311	*376	91	95	W 6	W 9	10	10	1290	☁ all day. Squalls. ☁ (force 7-9) ☁ at night.
20	29° 568	29° 780	53° 5	43° 4	42° 0	54° 0	*399	*219	97	77	W 7	NW 3	10	8	*460	☁ n. and a. ☁ a. Bar. 29° 465 1p.
21	30° 012	30° 208	48° 5	43° 0	41° 4	50° 3	*257	*234	75	84	NW 2	N 1	10	8	*150	☁ p. [☁ ☁ at night.
22	30° 019	29° 974	51° 3	52° 8	42° 0	54° 0	*372	*380	99	95	WhyS 6	SW 6	10	10	*043	Mild. ☁ at times. ☁ [from 7.50p.
23	29° 819	*533	52° 3	51° 8	49° 2	55° 7	*368	*333	94	87	SW 3	SW 8	9	5	*500	Gloomy a. ☁ p. Sudden ☁ (gale)
24	*387	*627	50° 0	46° 3	45° 6	54° 8	*312	*258	87	83	WhyN 5	SW 2	8	9	*040	Bar. 29° 357 7.30a. ☁ n. and a. Day [fine and bright.
25	*662	*873	41° 2	36° 8	36° 0	46° 4	*171	*163	66	75	N byW 2	Calm 0	7	1	—	Very fine day. Much colder.
26	*803	*568	40° 6	43° 5	35° 9	43° 5	*167	*259	66	95	SE 3	S 3	10	10	*308	Overcast and cold. ☁ from 3p. ☁ ⁰
27	*560	*681	52° 2	53° 7	43° 0	55° 2	*353	*362	91	88	SW 4	SW 3	9	8	*011	Very mild. ☁ ^{4p} . Temp. rising from 7p.
28	*722	*725	52° 1	50° 3	49° 5	53° 8	*363	*350	93	96	SSW 2	SW 2	10	0	*063	Mild and gloomy.
29	*467	*477	51° 5	46° 3	45° 1	53° 1	*305	*204	80	65	S 4	SW 5	10	7	*100	☁ ⁰ n. and a. Bar. 29° 250 6p.
30	29° 512	29° 738	46° 1	41° 4	40° 2	46° 7	*234	*194	75	75	SW 6	NW 2	8	4	*205	☁ ⁰ a. ☁ ⁰ ☁ 11.50a. ☁ ☁ [3.30p. ☁ 8.30p.
31	30° 141	30° 451	41° 7	40° 5	37° 7	45° 2	*219	*186	84	74	N 2	N 1	9	7	*087	☁ ☁ 8.20a. and at times. T (one [clap] 11.12a.
Means	30° 073	30° 086	49° 1	48° 1	45° 0	51° 5	*306	*301	86° 7	88° 2	2° 7	2° 6	9° 0	7° 6	4° 576	

Note by the Observer:—Roses, primroses, and violets gathered in the open air on and after the 25th.

LONDONDERRY.

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

DECEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	44.7	39.7	38.0	51.0	ins.	ins.	95	88	W 1	W 1	10	0	ins.	
2	29.916	30.105	44.7	39.7	38.0	51.0	29.916	30.105	95	88	SSW 2	Calm 0	8	10	0.100	
3	30.220	30.125	42.3	35.3	35.3	42.4	30.220	30.125	92	90	SSW 2	W 1	10	0	0.050	
4	30.016	30.213	47.7	41.7	40.5	49.4	30.016	30.213	94	91	SW 2	SSW 4	8	6	0.030	(mist) p.
5	30.209	30.299	47.8	47.9	37.8	52.4	30.209	30.299	96	83	SW 2	SE 3	10	10	0.100	(mist) a.
6	30.221	30.250	50.8	53.7	45.0	54.5	30.221	30.250	93	94	SW 3	SW 3	10	10	0.060	till 10a. (mist) p.
7	30.287	30.472	51.8	47.7	45.2	54.2	30.287	30.472	94	97	WSW 2	Calm 0	10	10	0.060	
8	30.447	30.430	52.7	46.7	42.0	52.8	30.447	30.430	88	86	SW 2	SW 4	10	4	—	
9	30.387	30.349	49.7	48.7	44.6	51.8	30.387	30.349	81	87	W 4	NW 2	10	8	0.130	Dull all day. 3p.-6p.
10	30.443	30.332	47.7	51.2	45.4	51.4	30.443	30.332	87	91	WSW 2	W 4	10	10	0.020	
11	30.355	30.384	47.7	46.9	44.0	52.9	30.355	30.384	87	79	W 2	W 1	5	8	—	
12	30.092	30.029	50.7	44.7	42.2	51.1	30.092	30.029	92	83	SW 3	W 1	10	10	0.110	
13	30.081	30.026	44.2	49.7	41.8	51.1	30.081	30.026	82	88	W 3	SW 4	6	10	0.490	
14	30.061	30.044	45.9	43.9	42.8	50.1	30.061	30.044	93	91	WNW 2	WNW 2	10	10	0.210	0 nearly all day.
15	30.017	30.023	38.2	36.1	34.9	44.4	30.017	30.023	85	89	N 2	SE 3	10	10	0.210	
16	30.488	30.418	44.2	41.2	34.7	47.1	30.488	30.418	90	90	SW 3	NNE 1	8	10	0.250	showers p.
17	30.790	30.928	37.7	31.7	27.8	41.6	30.790	30.928	83	77	NE 2	Calm 0	3	0	—	Fine and clear all day.
18	30.893	30.619	29.7	32.7	27.0	35.2	30.893	30.619	87	91	WSW 2	SSW 2	1	9	0.030	[with * showers.
19	30.882	30.790	37.9	36.5	29.0	38.8	30.882	30.790	90	78	SW 4	WSW 7	9	10	0.240	* and * (sleet). 4p.-8p.
20	30.699	30.337	36.7	39.0	32.2	39.3	30.699	30.337	75	76	WSW 4	S 3	10	10	0.030	* showers a., with squalls.
21	30.432	30.503	33.7	34.9	32.5	39.5	30.432	30.503	84	98	WSW 2	W 2	9	8	0.130	
22	30.978	30.979	33.5	32.3	29.8	39.4	30.978	30.979	85	85	SW 1	Calm 0	7	6	0.320	Fine and clear.
23	30.620	30.360	37.3	47.9	30.0	48.0	30.620	30.360	95	100	N 2	SW 1	10	10	0.600	all day.
24	30.261	30.064	45.0	43.7	43.0	48.4	30.261	30.064	98	100	WSW 2	W 1	10	10	0.050	6p.-8p.
25	30.337	30.541	40.1	33.2	31.4	44.0	30.337	30.541	75	80	NW 3	W 3	7	8	0.230	* showers during the day.
26	30.570	30.677	34.1	32.7	31.0	38.3	30.570	30.677	77	96	W 2	Calm 0	8	6	0.160	* a. a. ga. * showers from 3p.
27	30.631	30.501	29.0	31.9	25.2	33.1	30.631	30.501	89	89	SW 2	Calm 0	10	10	—	Dull all day.
28	30.473	30.532	25.8	26.9	23.4	32.4	30.473	30.532	81	79	WSW 1	Calm 0	5	0	—	Fine and clear all day.
29	30.582	30.565	28.7	34.5	21.5	34.6	30.582	30.565	89	90	Calm 0	Calm 0	10	10	0.070	[with * p.
30	30.501	30.304	30.7	32.7	28.5	35.6	30.501	30.304	85	89	S 1	W 1	10	0	0.040	a. and p. * and * (sleet).
31	30.443	30.257	34.6	37.2	28.4	38.0	30.443	30.257	88	97	WNW 2	W 2	10	10	0.030	Snow lying a. 0 from 4p.
Means	30.843	30.838	40.1	40.2	34.9	44.5	30.843	30.838	87.9	88.4	2.1	1.8	8.5	7.4	3.940	

MARKREE CASTLE, SLIGO.

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

DECEMBER 1880.

1	29.952	30.142	44.9	34.9	33.9	50.7	272	191	92	94	W	2	Calm	0	10	0	0.018	2 a.
2	30.224	30.071	29.3	43.7	25.4	44.2	134	271	83	95	Calm	0	SE	3	0	10	0.037	
3	30.036	30.223	47.1	34.9	33.1	50.7	302	191	93	94	WSW	2	Calm	0	10	10	0.029	
4	30.303	30.302	49.2	47.1	34.6	52.7	324	283	93	88	S	2	SSE	2	8	10	0.016	
5	230	273	51.2	54.1	45.5	55.0	353	384	94	91	SW	3	SW	2	10	10	0.069	
6	289	469	52.5	45.9	42.6	54.4	384	295	98	96	SW	3	Calm	0	10	0	0.017	gp.
7	456	459	49.9	47.6	45.4	52.4	320	275	90	84	SW	2	SW	3	6	10	—	
8	430	397	40.1	50.6	46.2	54.4	288	356	83	97	SW	2	NW	4	10	10	0.068	
9	486	419	45.1	52.5	43.1	53.4	221	357	73	91	S	2	WSW	2	10	10	0.020	
10	405	428	48.3	46.1	43.3	53.9	267	254	79	82	WNW	4	W	1	8	8	0.002	
11	180	118	49.8	45.7	39.2	51.4	322	251	90	82	WSW	2	SW	2	10	10	0.044	
12	160	30.055	44.5	50.5	43.4	51.4	245	286	83	78	WSW	2	WSW	3	9	10	0.035	
13	010	29.094	50.1	45.3	45.3	51.9	333	279	92	92	W	3	WNW	2	10	10	0.475	
14	30.001	759	39.1	36.3	34.7	46.4	217	206	91	96	Calm	0	SE	4	10	10	0.314	
15	29.513	407	44.8	44.1	36.2	50.2	262	271	88	93	WNW	2	Calm	0	3	10	0.048	
16	701	910	38.7	29.1	29.1	44.7	193	143	83	90	NE	2	Calm	0	10	0	—	ga. ga. [day. U op. Sharp squalls before ga. during before ga. * ga. (1 in. deep), and [during day.
17	915	613	33.7	31.1	19.7	39.6	117	155	92	89	Calm	0	ESE	3	0	10	0.200	
18	145	166	38.3	34.1	30.7	39.4	211	147	92	74	SW	3	WNW	5	10	6	0.090	
19	328	407	33.1	35.1	30.0	37.2	179	175	95	85	NW	2	W	2	8	9	0.047	
20	457	528	32.3	37.5	27.3	39.9	161	201	88	90	WNW	1	WNW	2	10	5	0.093	
21	989	930	27.1	34.1	25.3	38.9	138	163	94	82	Calm	0	Calm	0	6	10	0.417	
22	571	318	39.9	49.2	33.5	51.4	238	335	97	96	SE	2	Calm	0	10	10	0.262	
23	283	070	48.1	42.1	39.5	49.6	326	257	97	96	SSW	1	Calm	0	10	10	0.267	
24	380	605	40.2	33.1	31.3	45.6	192	108	77	89	WNW	5	NNW	2	10	5	0.018	
25	642	710	36.1	33.6	31.1	38.9	183	187	86	96	NW	3	Calm	0	8	10	0.265	
26	641	476	26.7	27.1	24.0	34.2	131	138	91	94	Calm	0	Calm	0	10	10	—	
27	457	471	27.2	34.1	25.1	35.0	127	163	86	82	Calm	0	NW	1	10	10	—	
28	571	556	27.7	35.0	25.4	37.4	139	161	92	78	Calm	0	Calm	0	10	10	—	
29	486	335	20.9	20.5	20.0	37.0	99	111	88	100	Calm	0	Calm	0	10	1	—	
30	29.461	29.897	20.1	33.1	15.8	37.4	90	174	83	92	Calm	0	NW	3	10	10	0.056	
31	30.214	30.305	33.3	37.0	28.3	39.4	180	208	95	95	NW	2	WSW	2	10	10	0.185	
Means	29.868	29.865	39.0	39.5	33.2	45.8	224	227	89.0	89.7	1.7	1.5	8.6	8.2	3.092			

DUBLIN.

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

DECEMBER 1880.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	50.7	40.5	39.9	51.7	ins.	ins.	90	89	SW 3	WNW 2	10	0	ins.	Much cooler at night.
2	29.932	30.145	50.7	40.5	39.9	51.7	29.932	30.145	89	90	W 1	SE 2	3	10	0.010	⌋ a. ☼☼☼ [p.
3	30.260	30.169	35.5	46.3	34.0	46.5	30.260	30.169	91	90	W 1	SE 2	3	10	0.100	Clouds crimson before sunrise. Gloomy
4	30.119	30.277	51.1	48.0	45.1	53.4	30.119	30.277	91	82	SW 3	WSW 2	6	6	—	Very fine, bright and mild.
5	30.384	30.395	51.1	49.4	46.9	52.1	30.384	30.395	91	82	swb.w.3	WSW 4	9	10	—	Very mild.
6	30.360	30.354	52.1	54.1	47.9	55.3	30.360	30.354	84	88	swb.w.5	NW 1	8	10	0.043	Temp. 55° 50'. Very dull and mild.
7	30.350	30.478	54.2	52.4	52.2	55.5	30.350	30.478	86	81	WSW 3	SW 4	4	1	—	Very fine and mild. ☼ ☼ ☼ 4.30p.
8	30.538	30.532	51.0	46.9	45.1	52.7	30.538	30.532	86	81	W by S 3	WSW 6	9	10	—	Very fine and dry a. Squally p.
9	30.524	30.440	48.2	50.5	45.7	51.3	30.524	30.440	86	87	W by S 4	W by S 7	9	10	—	with squalls a. and p. Mild and fine.
10	30.508	30.427	48.1	53.2	46.2	53.3	30.508	30.427	86	82	WNW 5	WNW 4	6	4	—	Very bright and fine a. Cloudy p.
11	30.501	30.438	48.2	54.4	44.7	53.6	30.501	30.438	87	82	W 5	W 5	7	6	—	with squalls p.
12	30.487	30.403	48.8	49.8	42.8	50.8	30.487	30.403	87	87	W 5	W 5	7	6	—	(gale) with squalls p.
13	30.451	30.353	45.2	50.0	43.0	50.2	30.451	30.353	87	88	W 3	W 7	2	10	—	☼ (fresh gale) n. ☼ 1p. and late p.
14	30.354	30.284	40.6	40.3	37.9	49.9	30.354	30.284	90	96	WNW 1	E 4	10	10	0.680	☼ ☼ ☼ a. and p. ☼ 2 late p.
15	29.544	29.450	49.2	46.3	39.9	51.3	29.544	29.450	93	90	W 3	W 3	6	8	0.070	Wind shifted through S. to W.
16	30.613	30.840	42.4	39.2	38.9	46.6	30.613	30.840	83	80	E by N 2	ENE 2	8	2	0.408	☼ ☼ showers a. Fairly a. ☼ ☼ p.
17	30.885	30.728	35.8	34.6	32.8	39.5	30.885	30.728	94	93	W 1	Caln 0	8	9	0.010	☼ 2 ☼ showers n. ☼ ☼ p.
18	30.287	30.273	42.6	35.2	34.1	43.6	30.287	30.273	84	81	swb.w.4	W 6	5	2	0.056	☼ with heavy squalls and ☼ ☼ [mid-day. ☼ * p.
19	30.385	30.462	33.5	36.9	32.0	37.1	30.385	30.462	81	84	W 6	WSW 4	2	9	—	a. Piercingly cold a. ☼ ☼ a. and p. [Temp. rising p.
20	30.493	30.552	33.0	36.9	32.2	37.5	30.493	30.552	90	88	WNW 2	Why S 5	4	2	—	☼ ☼ a. Cir. from WSW. ga. Clear and cold
21	30.982	30.998	33.1	33.1	31.7	38.6	30.982	30.998	94	91	W 1	Caln 0	2	10	0.354	☼ a. Partial ☼ 11a. ☼ ☼ p. [☼ p.
22	30.622	30.381	41.7	53.1	32.8	53.6	30.622	30.381	96	91	Caln 0	SW 5	10	10	0.210	☼ 2 ☼ 2 a. Mild p. Lunar ☼ Midt.
23	30.377	30.097	48.5	45.2	44.9	53.4	30.377	30.097	84	92	SSW 3	SW 2	6	5	0.011	Mild. ☼ 0.30p. Very fine p.
24	30.274	30.593	42.3	32.0	31.8	45.7	30.274	30.593	84	79	NNW 3	NW 3	7	0	—	☼ with squalls. Day bright and
25	30.630	30.731	31.1	34.0	29.8	36.3	30.630	30.731	81	83	WNW 2	WSW 3	0	0	—	p. Very cold n. ☼ a. [bracing.
26	30.691	30.479	29.5	34.3	28.8	34.5	30.691	30.479	88	80	W 1	ESE 1	2	10	0.033	☼ ☼ a. Partial ☼ 11a. ☼ 10p.
27	30.400	30.395	40.4	38.3	33.9	40.7	30.400	30.395	94	91	E 3	ENE 2	10	10	0.670	Very dull all day. ☼ 2 from 7p. ☼
28	30.520	30.481	37.0	37.2	35.2	38.5	30.520	30.481	93	96	WNW 1	NW 2	10	10	0.180	* before ga. Very dull and cold. [10p.
29	30.421	30.296	35.2	35.1	34.4	37.6	30.421	30.296	85	89	NNW 2	NW 3	10	2	—	* ☼ (sleet) showers p.
30	29.444	29.803	30.1	33.2	29.3	35.3	29.444	29.803	85	81	W 2	W 3	5	4	—	☼ 0 ☼ 0 showers p. Mild and damp
31	30.229	30.350	30.9	38.1	29.1	38.3	30.229	30.350	87	89	W 3	W 4	4	7	—	Levening.
Means	29.892	29.890	42.5	42.6	38.4	46.3	29.892	29.890	86.8	87.5	2.8	3.3	6.5	6.7	3.252	

PART II.

MONTHLY SUMMARIES FROM STATIONS OF THE SECOND ORDER, 1880.

On the opposite page 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 ten others, the results from which are given only in the form of Monthly Summaries.

The list varies from that for 1879 by the addition of the five stations in connexion with the Scottish Meteorological Society, viz., Dunrobin Castle, Braemar, Dundee, Rothesay, and Pinmore, (together with Scaleby (near Carlisle), York, and Geldeston near Beccles), and the omission of Audley End,—a net increase of seven stations.

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 all the stations except at Sandwick and Laudale. At these stations 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 thermometers, 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.

In earlier 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 1879, a day of rain must be understood as one on which .01 inch of rain was registered. As in previous years, no regard is had to the form of the precipitation, snow, hail, &c., being all included in the days of rain.

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

The days of clear sky are those days when the mean of the cloud amounts at 9 a.m. and 9 p.m. is less than 2; when the mean is 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.

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 232-233 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.
20	Sandwick (Orkney)	Rev. C. Clouston, LL.D.
10	†Dunrobin Castle	Mr. D. Melville.
11	†Braemar	James Aitken, Esq.
6	Laudale	Mr. A. Fletcher, (for T. H. G. Newton, M.A., F.R.Met.Soc.).
11	†Dundee	W. Ross M'Kelvie, Esq.
1	Glenalmond	Rev. W. Percy Robinson, D.D., F.R.Met.Soc.
6	†Rothesay	James Kay, Esq.
6	†Pinmore	Peter Donald, Esq.
7	*Scaleby	R. A. Allison, F.R.Met.Soc.
2	Seaham	Mr. G. H. Aird.
2	Durham	G. A. Goldney, Esq.
2	Douglas (Isle of Man)	A. W. Moore, M.A., F.R.Met.Soc.
2	York	J. Purves, M.D., and W. Keeping, M.A., F.G.S.
2	Hull	Rev. W. P. Mackay, M.D.
4	*Wakefield	H. Clarke, L.R.C.P., F.S.S., F.R.Met.Soc.
2	*Kelstern	D. G. Briggs, F.R.Met.Soc.
7	*Llandudno	J. Nicol, M.D., F.R.Met.Soc.
4	*Buxton	E. J. Sykes, F.R.A.S., F.R.Met.Soc.
4	*Cheadle	J. C. Philips, F.R.Met.Soc.
3	*Hillington (King's Lynn)	Rev. H. Ffolkes, M.A., F.R.Met.Soc.
4	Leicester	W. J. Harrison, F.G.S., and J. E. Carryer.
4	Uppingham	Rev. G. H. Mullins, M.A., F.R.Met.Soc.
4	Oscott	Rev. S. J. Whitty, B.A.
4	*Churchstoke	P. Wright, F.C.S., F.R.Met.Soc.
3	Geldeston (Beccles)	E. T. Dowson, F.R.Met.Soc.
4	*Cheltenham	R. Tyrer, B.A., F.R.Met.Soc.
8	St. David's	W. P. Probert, M.A., LL.D., F.G.S., F.R.Met.Soc.
8	*Carmarthen	G. J. Harder, M.D., F.R.Met.Soc.
8	Chigwell Row	J. Campbell, Staff Surgeon, R.N.
5	*Marlborough	Rev. T. A. Preston, M.A., F.R.Met.Soc.
8	*Strathfield Turgiss	Rev. C. H. Griffith, B.D., F.R.Met.Soc.
8	*Ramsgate	Rev. E. T. Egan, O.S.B.
5	Folkestone	A. Henry Taylor, F.R.Met.Soc.
5	Southampton	Mr. J. Cook (for Director General of Survey).
5	St. Leonards	H. Colborne, M.R.C.S., F.R.Met.Soc.
8	*Dartmoor	Mr. W. H. Tooker.
8	*Babbacombe	E. E. Glyde, F.R.Met.Soc.
8	St. Aubin's	J. E. Vibert, M.A.
9	Londonderry	J. Conroy, F.R.Met.Soc.
9	Brookborough	W. Ferguson, for Sir Victor Brooke, Bart., F.L.S.
9	Markree Castle	E. Salles (for Colonel Cooper, F.R.A.S.)
10	Dublin	J. W. Moore, M.D., F.R.Met.Soc.
10	Birr Castle, Parsonstown	W. Harding (for The Earl of Rosse, F.R.S.)

SANDWICK

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

1880.	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.							
at 32° F.	ins.										in.	in.	in.	%	%	%	
29.998✓	January -	30°103	40°6	40°3	40°5	37°3	44°6	31°8	16th	53°1	1st	°223	°225	°224	89	91	90
345✓	February -	29°450	41°7	41°6	41°7	38°5	45°7	32°0	9th	51°9	4th	°235	°233	°234	89	90	90
881✓	March -	°986	41°9	40°4	41°2	37°6	45°8	33°3	19th	50°6	6th	°230	°218	°224	88	87	88
678✓	April -	29°782	45°7	43°2	44°5	40°0	49°0	35°4	26th	57°8	20th	°254	°245	°250	83	88	86
938✓	May -	30°042	48°5	45°7	47°1	42°6	52°0	36°7	7th	57°2	31st	°261	°256	°259	77	84	81
813✓	June -	29°915	53°5	51°0	52°3	46°7	58°4	40°8	5th	66°0	17th	°319	°311	°315	78	83	81
729✓	July -	29°831	55°0	53°0	54°0	50°2	59°2	44°8	22nd	65°0	24th	°344	°340	°342	80	84	82
918✓	August -	30°019	58°6	56°6	57°6	53°8	63°4	48°0	1st	70°8	12th	°419	°400	°410	85	87	86
728✓	September -	29°830	55°9	53°3	54°6	50°7	59°8	45°3	{ 19th 20th 24th }	70 0	4th	°369	°351	°360	83	86	85
848✓	October -	°953	43°1	41°7	42°4	38°9	47°6	29°2	20th	60°0	17th	°239	°223	°231	85	86	86
556✓	November -	°661	40°8	40°0	40°4	36°4	44°3	27°0	15th	53°1	6th	°216	°213	°215	85	86	86
29.542✓	December -	29°648	37°2	36°9	37°1	33°8	41°4	20°3	29th	52°5	5th	°194	°193	°194	87	89	88
29 448	Year -	29°852	46°9	45°3	46°1	42°2	50°9	—	—	—	—	°275	°267	°271	84°1	86°8	85°5

DUNROBIN CASTLE

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

		ins.										in.	in.	in.	%	%	%
January	-	30.162	38.2	38.5	38.4	34.2	43.9	27.1	12th	54.5	1st	211	214	213	91.0	90.2	90.6
February	-	29.498	41.5	41.6	41.6	36.8	47.2	29.0	9th	55.0	3rd	234	241	238	89.1	91.4	90.3
March	-	30.018	42.4	40.6	41.5	36.1	47.3	30.0	3rd	55.7	29th	238	235	237	87.5	92.7	90.1
April	-	29.811	47.0	43.7	45.4	39.7	51.5	32.5	30th	56.9	21st	279	262	271	87.0	91.6	89.3
May	-	30.075	51.3	47.5	49.4	42.6	55.9	33.3	3rd	61.4	20th	325	295	310	85.4	89.5	87.5
June	-	29.932	55.5	52.2	53.9	47.3	58.5	39.6	8th	64.2	28th	387	361	374	87.3	91.8	89.6
July	-	29.842	47.4	55.4	51.4	50.8	61.0	44.7	31st	67.1	25th	405	387	396	85.8	88.2	87.0
August	-	30.037	61.0	58.2	59.6	54.2	64.7	46.7	7th	75.3	10th	462	441	452	86.3	90.9	88.6
September	-	29.868	57.6	53.9	55.8	48.4	62.0	39.6	19th	74.1	1st	406	376	391	84.8	89.8	87.3
October	-	.986	44.0	40.8	42.4	36.6	49.8	27.0	20th	57.4	1st	241	229	235	82.4	87.7	85.1
November	-	.722	39.8	38.7	39.3	33.3	45.5	21.5	{ 15th 21st	55.5	6th	214	212	213	84.4	87.5	86.0
December	-	29.692	36.9	37.0	37.0	32.2	42.1	18.3	{ 27th 28th	55.3	6th	203	197	200	89.6	85.9	87.8
Year	-	29.887	46.9	45.7	46.3	41.0	52.5	—	—	—	—	300	288	294	86.7	89.8	88.3

NOTE.—At Dunrobin Castle cloud amount and wind force were not observed in 1880;

BRAEMAR

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

		ins.										in.	in.	in.	%	%	%
January	-	30.207	32.7	33.9	33.3	29.1	40.7	11.3	19th	52.5	1st	174	182	178	90.4	91.3	90.9
February	-	29.529	37.2	37.9	37.6	34.7	43.3	19.2	9th	49.3	29th	194	196	195	86.6	85.4	86.0
March	-	30.046	35.1	35.4	35.3	29.8	48.7	20.1	25th	59.1	19th	170	180	175	82.0	86.4	84.2
April	-	29.798	41.2	39.9	40.6	35.7	48.2	25.7	12th	57.3	<div>19th 30th</div>	210	212	211	80.8	85.5	83.2
May	-	30.072	47.3	44.8	46.1	37.8	55.9	27.9	9th	68.7	21st	241	227	234	74.2	76.2	75.2
June	-	29.895	54.3	51.6	53.0	44.0	62.3	33.7	11th	70.5	24th	310	314	312	73.1	80.9	77.0
July	-	29.812	54.6	52.6	53.6	46.9	61.2	38.8	13th	71.7	17th	335	343	339	78.9	86.5	82.7
August	-	30.015	58.1	55.9	57.0	49.6	65.8	39.5	31st	75.5	28th	379	387	383	78.4	86.3	82.4
September	-	29.873	52.9	51.2	52.1	44.9	59.9	32.7	19th	73.8	4th	331	335	333	81.7	88.2	85.0
October	-	29.976	36.8	37.0	36.9	31.8	46.7	11.4	20th	57.1	1st	199	202	201	89.2	90.6	89.9
November	-	29.760	34.6	34.6	34.6	29.2	42.5	1.3	20th	51.4	6th	193	191	192	92.0	91.1	91.6
December	-	29.723	32.2	31.9	32.1	26.2	40.1	-0.5	27th	52.7	6th	176	179	178	93.2	95.5	94.4
Year	-	29.892	43.1	42.2	42.7	36.6	51.3	—	—	—	—	243	246	244	83.4	87.0	85.2

SANDWICK.

Thermometers 4 feet 10 inches above ground. Rain-gauge 2 feet above ground.

1880.	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 -	7.3	6.8	7.1	2.400	.300	1st	19	1	2	0	4	16	3	3	3	1	0	17	9	14	6	9
February -	8.1	7.3	7.7	3.910	.440	29th	25	1	3	0	0	16	15	1	1	0	12	15	11	11	6	1
March -	5.5	5.7	5.6	2.910	1.250	12th	10	0	3	0	8	10	9	0	0	3	26	8	6	5	6	8
April -	5.7	6.4	6.1	1.720	.450	24th	18	1	0	0	4	7	4	8	1	2	11	11	4	7	11	5
May -	5.6	5.9	5.8	1.660	.230	18th	18	3	0	1	5	10	2	9	4	3	5	4	8	13	11	5
June -	5.8	5.5	5.7	2.300	.590	30th	15	0	0	0	7	10	2	8	3	10	11	7	1	4	10	6
July -	7.9	8.2	8.1	3.550	.760	28th	15	0	4	1	0	18	2	8	9	11	9	5	0	3	12	5
August -	7.6	6.6	7.1	1.000	.710	5th	6	0	0	1	5	18	0	2	2	2	10	16	4	8	7	11
September -	5.7	5.1	5.4	4.160	.860	30th	21	0	1	2	7	8	2	2	2	1	7	14	7	12	6	9
October -	6.5	6.9	6.7	4.280	.640	2nd	24	3	4	0	2	13	5	15	12	1	0	0	0	13	8	13
November -	6.2	6.8	6.5	4.280	.620	12th	25	6	0	1	4	11	12	9	4	1	3	10	9	15	6	3
December -	7.9	8.4	8.2	4.540	.830	25th	22	8	3	0	0	22	17	7	5	2	5	4	9	9	18	3
Year -	6.7	6.6	6.7	36.710	—	—	218	23	20	6	46	159	73	72	46	37	99	111	68	114	107	78

DUNROBIN CASTLE.

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

				ins.	ins.																		
January -	-	-	-	2.070	.860	15th	12	3	0	0	-	-	1	4	3	0	3	3	13	24	12	0	0
February -	-	-	-	1.340	.260	27th	16	1	0	0	-	-	1	6	5	6	5	6	15	5	10	0	0
March -	-	-	-	1.610	.670	12th	8	1	0	0	-	-	0	1	11	16	8	1	14	8	3	0	0
April -	-	-	-	1.900	.300	24th	17	1	0	0	-	-	0	1	11	13	8	0	8	11	8	0	0
May -	-	-	-	1.200	.250	23rd	13	0	0	0	-	-	2	8	6	9	5	0	8	17	9	0	0
June -	-	-	-	2.770	.920	30th	13	0	0	0	-	-	0	5	16	12	8	1	7	7	4	0	0
July -	-	-	-	3.500	.610	6th	18	0	0	0	-	-	0	6	13	20	5	1	5	6	6	0	0
August -	-	-	-	1.080	.370	7th	6	0	0	1	-	-	0	5	20	9	3	3	10	9	3	0	0
September	-	-	-	2.480	.510	10th	12	0	0	0	-	-	0	4	8	4	4	5	16	8	11	0	0
October -	-	-	-	3.370	1.010	2nd	19	4	0	0	-	-	0	12	9	9	3	2	5	7	15	0	0
November	-	-	-	3.060	.800	30th	20	4	0	0	-	-	1	6	2	3	3	3	6	13	24	0	0
December	-	-	-	4.250	1.010	23rd	18	9	0	0	-	-	0	7	7	3	3	0	5	16	21	0	0
Year	-	-	-	28.630	-	-	172	23	0	1	-	-	5	65	111	104	58	25	112	131	126	0	0

OBSERVATIONS FROM STATIONS OF THE SECOND ORDER.

LAUDALE

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

1880.	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. 30.203	—	—	—	—	—	—	—	—	—	in.	in.	in.	%	%	%
February	29.509	42.8	43.5	43.2	37.9	46.8	31.0	9th	50.8	4th	24.1	24.8	24.5	86.9	87.4	87.2
March	29.992	43.3	43.8	43.6	37.8	50.3	31.7	24th	60.0	19th 20th	22.0	21.4	21.7	78.2	74.4	76.3
April	29.795	46.8	45.7	46.3	40.0	52.3	31.9	27th	63.0	30th	24.1	24.8	24.5	75.7	80.9	78.3
May	30.095	50.8	48.7	49.8	42.4	55.9	33.0	8th	65.0	1st	27.9	27.7	27.8	74.5	79.8	77.2
June	29.914	56.7	55.5	56.1	48.8	63.0	37.0	9th	72.8	17th	37.6	37.7	37.7	81.4	84.3	82.9
July	29.824	57.8	56.2	57.0	50.5	63.5	45.2	2nd	69.9	22nd	40.9	39.7	40.3	85.4	87.6	86.5
August	30.017	61.9	60.0	61.0	53.9	67.9	43.2	1st	78.9	12th	49.1	45.6	47.4	88.4	87.8	88.1
September	29.877	56.1	54.5	55.3	50.4	62.2	39.0	20th	70.6	3rd	38.6	37.6	38.1	84.9	87.3	86.1
October	30.003	43.1	42.2	42.7	36.7	50.8	25.5	20th	59.8	1st	24.0	22.7	23.4	83.3	82.9	83.1
November	29.755	41.9	43.0	42.5	36.2	46.0	21.1	20th	55.2	6th	22.8	23.9	23.4	82.4	83.7	83.1
December	29.745	39.4	40.1	39.8	32.8	46.6	22.8	28th	56.2	5th	23.1	23.8	23.5	91.5	93.5	92.5
Year	29.894	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—The thermometers were blown away in the gale of

DUNDEE

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

January	ins. 30.231	36.5	36.8	36.7	33.1	40.5	22.2	19th	54.4	1st	in.	in.	in.	%	%	%
February	29.561	40.3	40.5	40.4	37.4	46.0	30.2	9th	53.7	29th	21.9	22.1	22.0	87.7	87.8	87.8
March	30.055	39.6	38.9	39.3	35.5	46.4	28.2	19th	57.7	8th	21.1	21.2	21.2	86.6	89.1	87.9
April	29.820	46.0	42.5	44.3	38.6	51.8	32.2	20th	59.7	20th	24.6	23.4	24.0	79.5	86.2	82.9
May	30.092	51.1	46.4	48.8	41.8	58.2	34.2	30th	73.7	19th	26.8	24.9	25.9	71.9	79.4	75.7
June	29.916	58.2	52.7	55.5	48.1	64.5	37.2	9th	72.7	29th	35.0	33.6	34.3	71.8	83.6	77.7
July	29.828	58.8	54.1	56.5	50.8	65.1	45.3	9th	74.7	25th	38.0	37.5	37.8	76.9	89.3	83.1
August	30.043	61.3	57.0	59.2	53.2	68.2	45.3	1st	76.8	10th	42.7	41.4	42.1	78.8	88.7	83.8
September	29.898	55.6	53.3	54.5	48.8	64.0	39.3	19th	75.8	3rd	37.7	36.2	37.0	84.8	88.0	86.4
October	29.967	42.3	40.5	41.4	36.8	50.2	24.2	20th	61.7	4th	22.0	21.5	21.8	79.8	83.5	81.7
November	29.778	37.2	37.8	37.5	32.6	43.6	17.2	21st	53.7	6th	19.7	20.1	19.9	83.6	84.5	84.1
December	29.741	36.2	36.3	36.3	32.4	40.3	19.2	17th	53.7	6th	18.3	18.7	18.5	82.5	84.9	83.7
Year	29.911	46.9	44.7	45.8	40.8	53.2	—	—	—	—	27.3	26.7	27.0	81.0	85.9	83.5

GLENALMOND

Long. 3° 40' W. Lat. 56° 27' N. Height above Mean Sea Level, 529 feet.

January	ins. 30.247	35.8	36.6	36.2	31.3	41.1	18.1	19th	52.0	1st	in.	in.	in.	%	%	%
February	29.571	39.5	39.2	39.4	35.1	45.4	25.2	9th	51.3	29th	21.4	21.5	21.5	87.6	88.5	88.1
March	30.057	38.3	37.7	38.0	32.9	46.2	27.2	24th	57.3	29th	19.0	19.6	19.3	81.5	86.0	83.8
*April	—	—	—	—	36.5	51.5	31.0	27th	59.0	30th	—	—	—	—	—	—
May	30.099	49.2	46.7	48.0	39.6	57.2	30.4	9th	73.4	21st	24.2	25.6	24.9	69.1	79.6	74.4
June	29.925	56.2	51.8	54.0	46.7	63.6	37.0	8th	73.0	25th	34.0	33.4	33.7	75.2	85.3	80.3
July	29.831	56.8	54.2	55.5	48.9	62.9	41.2	2nd	74.2	17th	35.7	38.0	36.9	77.5	89.9	83.7
August	30.034	59.2	56.4	57.8	50.7	65.9	39.0	1st	75.0	11th	42.1	40.9	41.5	83.4	89.2	86.3
September	29.897	55.5	51.8	53.7	45.4	61.5	36.0	20th	76.5	5th	37.0	35.1	36.1	83.4	90.2	86.8
October	29.987	42.2	40.2	41.2	35.3	49.8	22.9	20th	63.7	1st	21.5	20.4	21.0	78.2	80.0	79.1
November	29.794	37.0	36.5	36.8	29.7	44.2	12.0	23rd	55.3	13th	19.3	19.2	19.3	81.8	82.7	82.3
December	29.754	35.5	35.5	35.5	30.0	41.8	15.0	17th	57.5	6th	18.3	18.8	18.6	86.0	87.9	87.0
Year	—	—	—	—	38.5	52.6	—	—	—	—	—	—	—	—	—	—

* Observation book for April lost.

MONTHLY SUMMARIES.—LAUDALE—DUNDEE—GLENALMOND.

LAUDALE.

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

1880.	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 -	7.5	7.1	7.3	ins. 9.020	ins. 2.740	29th	16	6	0	1	3	19	6	0	0	6	9	22	14	0	0	11		
February -	7.7	8.0	7.9	11.560	1.400	6th	25	3	0	0	0	16	5	2	0	4	7	14	15	6	5	5		
March -	5.2	5.0	5.1	3.700	.760	6th	14	2	7	0	10	11	3	1	0	30	1	5	6	8	1	10		
April -	6.6	6.7	6.7	7.350	1.540	18th	17	7	1	0	3	13	1	6	1	10	6	11	8	8	2	8		
May -	5.5	5.5	5.5	2.960	.620	25th	12	1	1	0	7	9	2	10	5	11	2	0	7	10	7	10		
June -	6.6	5.8	6.2	3.460	.750	28th	18	0	1	3	4	12	1	5	0	2	5	6	4	4	15	19		
July -	4.9	5.3	5.1	3.800	.840	7th	16	0	0	0	4	7	0	3	0	10	4	5	2	6	5	27		
August -	5.6	5.7	5.7	1.680	.500	4th	13	0	0	1	3	7	0	0	0	7	3	3	9	5	2	33		
September	7.7	6.5	7.1	5.030	1.350	10th	23	0	1	0	1	12	0	0	0	0	4	12	23	4	2	15		
October -	5.0	5.1	5.1	1.930	.390	30th	13	5	0	0	10	10	2	10	0	18	3	0	5	1	6	19		
November	7.1	7.6	7.4	9.640	1.030	24th	19	10	1	0	3	18	4	5	4	8	6	3	17	9	3	5		
December	7.6	8.4	8.0	7.690	1.000	18th	24	16	1	0	2	23	1	9	3	3	17	1	10	4	6	9		
Year	6.4	6.4	6.4	67.820	—	—	210	50	13	5	50	157	25	51	13	109	67	82	120	65	54	171		

December 28th, 1879, and were not replaced till January 21st.

DUNDEE.

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

January	9.3	7.5	8.4	ins. 0.900	.450	2nd	6	5	0	0	0	21	6	1	5	1	0	0	18	25	11
February	8.3	8.6	8.5	2.300	.550	7th	13	1	0	1	1	20	10	1	3	0	11	1	17	21	4
March	8.4	7.9	8.2	2.050	.900	12th	9	2	0	0	1	22	2	0	5	5	28	0	6	11	7
April	8.1	8.4	8.3	2.550	.950	21st	15	1	2	1	0	20	4	2	12	6	6	4	11	8	11
May	8.2	8.1	8.2	0.600	.250	2nd 30th	4	0	1	0	0	18	4	1	12	7	9	1	11	12	9
June	7.6	8.3	8.0	1.500	.550	29th	7	0	2	2	2	20	3	1	5	11	18	8	5	3	9
July	8.0	9.5	8.8	3.050	.750	1st	12	0	0	5	0	19	0	0	13	11	13	1	7	8	9
August	8.7	8.6	8.7	0.900	.300	2nd	7	0	1	0	0	22	0	0	0	9	24	2	14	8	5
September	8.5	7.7	8.1	3.100	.900	14th	10	0	0	2	0	18	3	0	7	6	7	1	10	23	6
October	7.0	8.0	7.5	1.400	.400	27th	7	3	1	0	1	17	2	5	20	2	0	0	2	11	22
November	7.0	6.8	6.9	3.000	.550	13th	14	4	0	0	3	14	8	3	6	1	3	0	12	22	13
December	7.4	7.9	7.7	2.150	.550	22nd	12	12	2	0	1	17	9	0	9	0	3	0	3	19	28
Year	8.0	8.1	8.1	23.500	—	—	116	28	9	11	9	228	51	14	97	59	122	18	116	171	134

900/12th
950/21st

900/14th

OBSERVATIONS FROM STATIONS OF THE SECOND ORDER.

ROTHESAY

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

1880.	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. 30.251	38.9	38.8	38.9	35.2	42.9	25.2	20th	55.0	1st	in.	in.	in.	%	%
February -	29.584	42.0	42.0	42.0	38.2	47.1	30.2	9th	50.4	1st	215	214	215	87.6	87.3
March -	30.041	41.2	40.6	40.9	36.3	49.8	32.2	24th	59.0	19th	220	223	222	84.4	87.4
April -	29.830	47.5	44.0	45.8	39.4	53.3	33.2	28th	62.1	28th	260	252	256	79.3	87.2
May -	30.115	51.4	48.2	49.8	42.2	58.6	34.4	3rd	64.1	10th	286	278	282	75.3	81.8
June -	29.934	57.5	54.3	55.9	47.3	65.0	37.6	11th	74.0	16th	373	363	368	78.5	85.0
July -	29.844	59.0	55.3	57.2	49.8	65.5	44.1	2nd	71.6	17th	400	391	396	80.5	89.3
August -	30.048	61.7	58.8	60.3	53.5	69.1	42.1	1st	79.1	14th	457	439	448	82.4	88.4
September -	29.923	57.1	53.7	55.4	48.9	63.2	40.1	20th	76.6	4th	404	384	394	86.6	92.1
October -	30.004	45.7	41.8	43.8	37.1	52.0	27.2	20th	60.1	1st	249	229	239	78.9	83.8
November -	29.813	40.9	40.4	40.7	35.3	46.7	22.2	20th	55.0	13th	229	224	227	83.8	84.1
December -	29.795	38.5	38.7	38.6	33.9	44.0	24.2	26th	53.5	5th	214	218	216	86.7	89.2
Year -	29.932	48.5	46.4	47.4	41.4	54.8	—	—	—	—	296	288	292	82.8	87.2

NOTE.—At Rothesay no observations of

PINMORE

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

1880.	Mean Pressure.	9 a.m.	9 p.m.	Mean.	Means of	Absolute Min. and Max.	Tension of Vapour.	Relative Humidity.
January -	ins. 30.288	33.7	34.7	34.2	30.6	39.1	16.0	20th
February -	29.623	41.0	41.8	41.4	37.0	46.6	30.3	6th
March -	30.052	41.1	39.7	40.4	34.7	49.9	25.2	24th
April -	29.833	46.1	43.3	44.7	37.5	52.7	29.0	2nd
May -	30.104	50.9	47.4	49.2	40.4	57.3	29.8	9th
June -	29.905	58.4	54.1	56.3	47.1	65.8	34.5	5th
July -	29.823	58.7	56.1	57.4	51.8	65.0	45.7	31st
August -	30.033	61.4	58.0	59.7	52.1	68.1	44.0	3rd
September -	29.921	58.1	54.6	56.4	48.3	64.1	37.0	20th
October -	952	42.4	41.0	41.7	35.2	51.0	22.0	22nd
November -	836	38.5	39.3	38.9	32.7	46.0	16.0	20th
December -	29.804	37.7	38.3	38.0	33.5	43.1	19.2	31st
Year -	29.931	47.3	45.7	46.5	40.1	54.1	—	—

NOTE.—At Pinmore no observations of cloud amount,

SCALEBY

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

1880.	Mean Pressure.	9 a.m.	9 p.m.	Mean.	Means of	Absolute Min. and Max.	Tension of Vapour.	Relative Humidity.
January -	ins. 30.288	33.7	34.7	34.2	30.6	39.1	16.0	20th
February -	29.623	41.0	41.8	41.4	37.0	46.6	30.3	6th
March -	30.052	41.1	39.7	40.4	34.7	49.9	25.2	24th
April -	29.833	46.1	43.3	44.7	37.5	52.7	29.0	2nd
May -	30.104	50.9	47.4	49.2	40.4	57.3	29.8	9th
June -	29.905	58.4	54.1	56.3	47.1	65.8	34.5	5th
July -	29.823	58.7	56.1	57.4	51.8	65.0	45.7	31st
August -	30.033	61.4	58.0	59.7	52.1	68.1	44.0	3rd
September -	29.921	58.1	54.6	56.4	48.3	64.1	37.0	20th
October -	952	42.4	41.0	41.7	35.2	51.0	22.0	22nd
November -	836	38.5	39.3	38.9	32.7	46.0	16.0	20th
December -	29.804	37.7	38.3	38.0	33.5	43.1	19.2	31st
Year -	29.931	47.3	45.7	46.5	40.1	54.1	—	—

MONTHLY SUMMARIES.—ROTHESAY—PINMORE—SCALEBY.

ROTHESAY.

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

			Amount of Cloud.*			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
1880.			9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	-	-	—	—	—	ins. 2'690	ins. 1'055	29th	15	2	0	0	—	—	1	1	3	7	3	16	13	8	7	4
February	-	-	—	—	—	4'108	5'00	18th	25	1	1	0	—	—	2	0	3	5	8	8	13	11	4	6
March	-	-	—	—	—	3'427	7'40	12th	10	0	1	0	—	—	0	1	7	19	8	0	7	8	2	10
April	-	-	—	—	—	3'637	5'20	3rd	23	0	1	1	—	—	1	1	6	7	6	8	9	10	7	6
May	-	-	—	—	—	1'190	4'33	30th	14	0	2	0	—	—	2	1	10	12	4	2	11	4	18	0
June	-	-	—	—	—	2'665	8'82	29th	16	0	0	2	—	—	1	2	16	6	3	5	6	8	12	2
July	-	-	—	—	—	2'470	5'92	5th	14	0	0	4	—	—	0	2	13	9	3	4	3	7	19	2
August	-	-	—	—	—	1'795	1'180	4th	5	0	0	1	—	—	0	3	10	13	6	3	6	6	9	6
September	-	-	—	—	—	3'404	6'60	10th	18	0	0	2	—	—	0	1	4	3	4	2	16	8	9	13
October	-	-	—	—	—	0'802	2'15	30th	9	0	0	0	—	—	2	4	11	11	1	0	0	9	11	15
November	-	-	—	—	—	5'893	6'85	13th	21	1	0	0	—	—	4	2	6	4	4	5	13	9	10	7
December	-	-	—	—	—	6'233	1'010	18th	24	9	0	0	—	—	0	0	5	7	4	3	9	12	15	7
Year	-	-	—	—	—	38'314	—	—	194	13	5	10	—	—	13	18	94	103	54	56	106	100	123	78

cloud amount were recorded during 1880.

PINMORE.

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

January -	-	-	-	-	ins.	ins.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
February -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
March -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
April -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
May -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
June -	-	-	-	-	3' 150	·650	28th	14	-	-	-	-	-	3	10	1	3	8	8	8	19	0
July -	-	-	-	-	3' 280	·690	27th	18	-	-	-	-	-	14	2	4	5	11	4	1	21	0
August -	-	-	-	-	0' 530	·190	5th	5	-	-	-	-	-	11	5	1	4	4	19	4	14	0
September -	-	-	-	-	4' 070	·590	17th	18	-	-	-	-	-	9	5	0	2	12	14	3	15	0
October -	-	-	-	-	2' 800	·800	30th	12	-	-	-	-	-	25	10	9	0	1	2	4	11	0
November -	-	-	-	-	5' 660	1' 090	13th	22	-	-	-	-	-	17	0	0	0	8	14	11	10	0
December -	-	-	-	-	5' 240	·750	12th	24	-	-	-	-	-	15	7	3	2	0	6	14	15	0
Year -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

wind force, or weather were recorded during 1880.

SCALEBY.

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

					ins.	ins.																		
					1'030	420	30th	11	4	0	0	2	13	4	1	4	6	2	5	22	1	0	21	
January -	-	7'5	6'5	7'0	1'030	420	30th	11	4	0	0	2	13	4	1	4	6	2	5	22	1	0	21	
February -	-	7'1	5'8	6'5	1'830	280	25th	20	0	0	0	3	10	7	2	2	8	4	0	28	8	1	5	
March -	-	5'0	5'3	5'2	1'590	480	31st	7	0	0	0	9	11	3	1	6	27	0	2	13	4	0	9	
April -	-	4'5	5'0	4'8	1'950	230	20th	18	2	0	0	1	12	2	4	10	8	0	1	27	0	3	7	
May -	-	7'1	5'9	6'5	1'260	310	26th	12	0	0	0	2	10	2	1	6	14	2	0	10	16	2	11	
June -	-	5'7	5'8	5'8	2'210	400	29th	16	0	0	3	6	9	0	2	11	8	2	0	9	7	1	20	
July -	-	8'3	8'0	8'2	6'020	1310	13th	20	0	0	1	1	20	1	1	7	11	0	1	14	8	1	19	
August -	-	6'2	4'6	5'4	1'270	550	4th	8	0	0	0	8	11	0	5	10	19	0	0	2	9	1	16	
September	-	6'4	5'8	6'1	4'060	770	14th	17	0	0	0	6	13	1	5	0	5	2	2	14	9	1	22	
October -	-	6'3	6'2	6'3	1'380	430	27th	13	1	0	0	7	15	4	15	11	1	0	0	6	7	1	21	
November	-	6'6	5'8	6'2	3'640	480	13th	19	2	1	1	6	13	10	1	3	7	1	1	30	3	0	14	
December	-	7'2	7'1	7'2	3'030	680	22nd	22	5	1	0	4	18	7	3	7	5	3	0	26	4	3	11	
Year	-	6'5	6'0	6'3	29'270	—	—	183	14	2	5	55	155	41	41	77	119	16	12	201	76	14	176	

OBSERVATIONS FROM STATIONS OF THE SECOND ORDER.

SEAHAM

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

1880.	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. 30.294	36.5	36.2	36.4	31.7	40.7	22.8	27th	53.7	1st	in. .191	in. .187	in. .189	% 89	% 88	% 89
February -	29.634	42.2	41.8	42.0	37.2	48.1	29.3	9th	56.2	29th	.229	.231	.230	86	88	87
March -	30.079	42.6	40.0	41.3	35.8	46.9	25.8	20th	62.2	5th	.221	.218	.220	82	89	86
April -	29.822	47.5	43.9	45.7	39.6	51.5	32.5	30th	64.7	20th	.271	.249	.260	83	87	85
May -	30.103	51.9	47.0	49.5	41.9	55.4	33.6	17th	68.2	25th	.294	.280	.287	76	87	82
June -	29.912	55.8	52.3	54.1	47.3	59.3	37.8	10th	73.7	28th 30th	} 35.8	34.9	35.4	80	89	85
July -	29.833	59.7	55.2	57.5	51.5	63.4	45.4	4th	70.7	6th		.414	.398	.406	81	91
August -	30.041	61.0	58.0	59.5	53.6	64.2	45.8	20th	74.3	10th	.445	.442	.444	83	91	87
September -	29.919	59.1	55.5	57.3	50.6	64.0	40.3	23rd	78.7	3rd	.398	.395	.397	79	89	84
October -	.939	46.7	44.3	45.5	40.3	49.8	29.3	20th	61.7	1st	.255	.252	.254	81	86	84
November -	.828	42.4	40.9	41.7	35.5	47.2	23.3	23rd	58.7	13th	.233	.229	.231	86	90	88
December -	29.780	39.5	39.2	39.4	35.0	43.2	24.8	18th	52.8	6th	.209	.218	.214	86	91	89
Year	29.932	48.7	46.2	47.5	41.7	52.8	—	—	—	—	.293	.287	.290	82.7	88.8	85.8

DURHAM*

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

at 32° F.

29.903 ✓	January -	ins. 30.305	35.1	33.8	34.5	29.4	39.6	17.3	19th	54.2	1st	in. 18.4	17.9	18.2	87.7	89.7	88.7
250 ✓	February -	29.638	42.4	40.5	41.5	35.1	47.7	26.3	6th	58.1	29th	24.0	23.5	23.8	88.5	92.2	90.4
688 ✓	March -	30.082	43.1	38.0	40.6	33.8	48.5	23.1	20th	60.0	5th	23.4	21.3	22.4	83.5	91.8	87.7
450 ✓	April -	29.839	47.4	41.4	44.4	36.9	52.9	30.3	30th	61.1	19th	26.2	24.4	25.3	80.4	93.2	86.8
709 ✓	May -	30.098	52.6	43.5	48.1	38.6	57.4	28.4	8th	68.8	19th	29.7	25.6	27.7	75.0	89.8	82.4
522 ✓	June -	29.904	58.2	50.2	54.2	45.8	63.8	35.6	10th	75.4	30th	38.1	34.5	36.3	78.4	93.7	86.1
448 ✓	July -	29.826	60.9	53.7	57.3	50.0	66.5	43.4	10th	76.3	25th	41.4	38.5	40.0	78.0	92.9	85.5
666 ✓	August -	30.035	62.8	54.9	58.9	51.5	67.7	42.1	20th	76.2	10th	45.5	41.2	43.4	80.1	95.1	87.6
537 ✓	September -	29.916	59.9	53.6	56.8	47.9	66.0	39.3	9th	80.5	3rd	41.4	39.3	40.4	79.9	94.0	87.0
536 ✓	October -	92.6	46.3	41.2	43.8	37.1	50.1	23.7	22nd	64.8	1st	26.5	24.3	25.4	83.9	91.0	87.5
446 ✓	November -	83.7	42.8	38.4	40.6	32.1	46.7	13.5	21st	60.3	13th	24.0	22.0	23.0	83.9	89.2	86.6
29.391 ✓	December -	29.784	38.8	37.8	38.3	32.8	43.4	19.6	17th	52.8	6th	21.1	21.1	21.1	87.1	89.9	88.5
29.545	Year	29.933	49.2	43.9	46.6	39.3	54.2	—	—	—	—	30.0	27.8	28.9	82.2	91.9	87.1

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

DOUGLAS, ISLE OF MAN

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

January -	ins. 30.303	39.2	39.2	39.2	35.4	42.7	23.0	21st	53.1	1st	in. 22.6	22.9	22.8	92.3	92.8	92.6
February -	29.632	43.2	42.3	42.8	38.2	47.1	29.8	15th	50.1	28th	25.8	25.1	25.5	91.9	92.7	92.3
March -	30.054	43.0	42.4	42.7	38.1	48.1	31.6	8th	54.0	29th	24.2	24.4	24.3	86.8	89.9	88.4
April -	29.842	47.4	44.3	45.9	39.9	51.3	31.0	27th	55.3	2nd	27.2	26.1	26.7	83.1	89.2	86.2
May -	30.112	51.4	47.9	49.7	44.1	56.1	33.0	30th	64.3	19th	29.1	28.7	28.9	76.5	86.0	81.3
June -	29.914	57.3	53.5	55.4	48.2	61.8	35.2	10th	70.5	17th	36.6	36.0	36.3	77.9	87.4	82.7
July -	29.834	58.3	55.3	56.8	51.5	62.9	44.6	21st	71.1	17th	40.4	39.6	40.0	82.7	90.2	86.5
August -	30.028	61.7	59.3	60.5	53.9	66.8	45.2	9th	77.5	14th	44.1	42.9	43.5	80.3	84.9	82.6
September -	29.932	58.2	55.0	56.6	50.3	61.9	41.7	8th	73.7	4th	40.7	40.2	40.5	83.4	92.0	87.7
October -	95.6	46.7	43.9	45.3	39.4	51.0	26.1	24th	60.7	1st	26.2	25.1	25.7	81.5	86.0	83.8
November -	85.0	44.4	43.5	44.0	38.1	48.8	25.3	4th	56.5	13th	26.1	25.8	26.0	86.0	88.1	87.1
December -	29.833	41.4	42.0	41.7	37.1	46.7	25.9	17th	53.6	10th	24.3	25.0	24.7	90.5	91.5	91.0
Year	29.941	49.4	47.4	48.4	42.9	53.8	—	—	—	—	30.6	30.2	30.4	84.4	89.2	86.8

MONTHLY SUMMARIES.—SEAHAM—DURHAM—DOUGLAS.

SEAHAM.

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

1880.	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 Storms.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	6.4	5.4	5.9	ins. 0.547	ins. .332	16th	6	5	0	0	3	8	0	1	1	1	1	13	11	15	4	15		
February -	6.2	4.6	5.4	1.736	.423	18th	13	0	0	0	7	9	1	0	2	1	4	20	14	9	2	6		
March -	7.5	6.1	6.8	1.625	.930	31st	6	2	1	0	3	15	1	1	1	9	12	4	10	6	0	19		
April -	6.9	4.2	5.6	2.028	.408	6th	16	0	2	3	2	4	0	8	6	1	3	10	10	7	2	13		
May -	5.2	5.3	5.3	1.404	.726	26th	8	0	0	0	4	4	0	10	13	2	4	1	8	5	2	17		
June -	6.4	6.2	6.3	1.094	.410	15th	13	0	0	4	2	8	2	19	1	2	4	1	9	8	3	13		
July -	7.2	6.6	6.9	3.752	.400	12th	21	0	0	7	1	11	1	4	6	3	3	6	11	6	2	21		
August -	6.5	6.0	6.3	1.984	1.000	5th	15	0	0	3	6	12	0	10	10	3	1	3	3	5	1	26		
September -	5.6	4.3	5.0	3.594	.683	12th	14	0	0	1	5	6	0	3	2	3	2	6	17	11	5	11		
October -	7.3	6.3	6.8	4.492	1.260	27th	21	2	4	0	2	14	3	4	21	3	0	0	5	14	10	5		
November -	5.2	4.4	4.8	1.950	.390	15th	16	7	4	0	6	3	1	3	3	1	1	9	21	12	8	2		
December -	4.7	5.3	5.0	3.598	1.183	29th	15	7	1	0	8	6	0	2	4	0	1	4	14	27	4	6		
Year -	6.3	5.4	5.8	27.804	—	—	164	23	12	18	49	100	9	65	70	29	36	77	133	125	43	154		

DURHAM.

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

January	-	7.3	6.2	6.8	ins. 0.531	ins. 0.240	16th	5	3	0	0	3	14	0	0	1	0	3	29	13	4	9	3
February	-	6.7	5.6	6.2	1.746	4.30	18th	13	1	0	0	5	13	0	1	4	3	2	23	15	5	4	1
March	-	7.1	6.5	6.8	1.275	5.40	31st	10	1	1	0	5	17	1	0	7	6	15	13	8	9	4	0
April	-	8.3	5.7	7.0	2.028	3.68	25th	16	0	1	1	1	12	0	5	16	3	2	12	12	5	4	1
May	-	7.2	5.9	6.6	1.499	7.30	26th	8	0	1	0	4	13	0	8	17	4	2	8	10	5	6	2
June	-	8.0	7.0	7.5	2.619	9.22	15th	15	0	0	3	0	15	0	9	16	0	3	7	6	5	8	6
July	-	8.3	6.8	7.6	4.177	6.30	12th	19	0	0	4	0	14	0	5	10	4	1	10	17	5	5	5
August	-	8.0	6.7	7.4	1.928	7.00	5th	13	0	0	4	3	20	0	7	24	3	0	2	6	3	9	8
September	-	5.7	5.1	5.4	5.068	1.190	14th	14	0	0	1	6	11	0	3	5	1	5	10	17	7	7	5
October	-	7.4	5.2	6.3	5.906	1.548	27th	20	3	5	0	4	13	0	9	22	1	1	1	6	5	15	2
November	-	5.0	3.9	4.5	2.242	4.38	16th	13	6	2	0	8	7	1	5	5	0	0	14	19	6	9	2
December	-	5.9	4.9	5.4	2.756	1.062	29th	18	10	1	0	6	9	0	1	2	0	0	10	15	18	14	2
Year	-	7.1	5.8	6.5	31.775	—	—	164	24	11	13	45	158	2	53	129	25	34	139	144	77	94	37

YORK

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

1880.	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.						
January	ins. 30° 34.3	33° 9	34° 9	34° 4	30° 3	39° 8	20° 0	20th	57° 0	2nd	in. 179	in. 185	in. 182	% 91	% 91
February	30° 69.8	40° 1	41° 4	40° 8	35° 1	47° 8	26° 0	6th	55° 0	19th	219	231	225	89	89
March	30° 109	40° 8	41° 3	41° 1	34° 4	49° 8	27° 0	20th	58° 0	7th	219	223	221	87	87
April	29° 86.4	46° 6	44° 9	45° 8	39° 1	54° 5	29° 0	30th	63° 0	19th	252	245	249	80	83
May	30° 119	51° 3	48° 3	49° 8	40° 9	59° 1	32° 0	7th	68° 0	19th	275	274	275	73	81
June	29° 92.2	56° 9	54° 3	55° 6	48° 3	64° 1	36° 0	5th	74° 0	22nd	368	360	364	80	85
July	29° 85.7	59° 2	57° 1	58° 2	52° 5	65° 2	45° 0	5th	71° 4	25th	420	410	415	84	87
August	30° 04.3	61° 8	59° 1	60° 5	54° 0	69° 5	46° 5	3rd	79° 0	11th	448	451	450	82	90
September	29° 94.8	57° 5	56° 5	57° 0	50° 8	66° 6	42° 4	20th	80° 5	4th	436	441	439	92	96
October	92.2	44° 0	43° 0	43° 5	37° 8	51° 4	24° 0	20th	63° 0	1st	257	249	253	89	90
November	88.5	39° 7	40° 7	40° 2	35° 3	47° 9	19° 0	21st	59° 0	13th	214	220	217	88	87
December	29° 83.2	38° 5	40° 0	39° 3	35° 0	44° 5	25° 0	18th	54° 5	10th	209	217	213	90	88
Year	29° 96.2	47° 5	46° 8	47° 2	41° 1	55° 0	—	—	—	—	291	292	292	85.4	87.8

HULL

Long. 0° 20' W. Lat. 53° 45' N. Height above Mean Sea Level, 14 feet.

January	ins. 30° 35.9	34° 7	35° 2	35° 0	32° 0	40° 2	23° 7	29th	52° 4	1st	in. 184	in. 190	in. 187	% 92	% 92
February	29° 72.3	41° 0	40° 9	41° 0	36° 9	46° 7	32° 0	6th	57° 5	19th	237	236	237	93	93
March	30° 12.4	42° 5	41° 3	41° 9	36° 7	49° 0	29° 0	18th	58° 5	6th	232	231	232	85	89
April	29° 87.9	47° 7	44° 7	46° 2	40° 2	55° 7	32° 5	20th	67° 5	20th	266	251	259	81	86
May	30° 12.0	52° 0	47° 9	50° 1	42° 5	59° 5	35° 0	30th	67° 5	30th	279	278	279	72	84
June	29° 92.1	57° 5	54° 2	55° 9	49° 4	65° 2	39° 2	8th	76° 0	29th	383	366	375	80	87
July	29° 86.4	61° 2	57° 5	59° 4	53° 0	67° 2	45° 5	9th	74° 8	25th	440	416	428	82	88
August	30° 04.2	63° 1	59° 9	61° 5	55° 8	68° 6	46° 0	23rd	76° 8	10th	464	446	455	80	87
September	29° 95.4	59° 2	56° 8	58° 0	51° 7	66° 2	42° 7	1st	76° 8	10th	464	446	455	80	87
October	90.6	45° 4	43° 9	44° 7	39° 5	50° 7	28° 5	24th	60° 9	1st	264	258	261	88	90
November	29° 89.2	41° 4	40° 9	41° 2	36° 3	46° 9	25° 5	21st	58° 9	13th	230	231	231	89	91
December	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Register discontinued after November.

WAKEFIELD

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

January	ins. 30° 35.5	34° 6	35° 4	35° 0	31° 2	41° 6	15° 9	28th	57° 6	31st	in. 195	in. 199	in. 197	% 92.6	% 93.2
February	29° 70.1	41° 3	42° 5	41° 9	36° 7	48° 8	27° 6	6th	56° 6	1st	240	249	245	91.8	91.2
March	30° 11.4	40° 8	41° 6	41° 2	38° 7	49° 2	26° 1	9th	59° 1	29th	227	234	231	87.7	87.9
April	29° 86.9	46° 7	44° 9	45° 8	39° 2	53° 5	27° 2	20th	61° 8	19th	247	241	244	77.7	80.7
May	30° 12.4	50° 8	48° 6	49° 7	41° 2	58° 3	31° 2	17th	66° 0	19th	279	281	280	75.1	81.6
June	29° 92.2	57° 4	55° 1	56° 3	48° 6	63° 5	37° 0	7th	71° 6	21st	380	387	384	80.5	88.5
July	29° 86.0	59° 6	57° 3	58° 5	52° 7	65° 1	45° 1	10th	70° 4	25th	401	403	402	79.0	85.2
August	30° 04.8	61° 7	59° 2	60° 5	54° 4	68° 8	42° 5	1st	78° 6	11th	439	441	440	80.0	87.4
September	29° 95.4	58° 8	56° 5	57° 7	50° 1	66° 2	43° 1	2nd	82° 8	4th	405	409	407	81.1	88.3
October	92.9	44° 0	42° 9	43° 5	37° 7	50° 7	23° 4	18th	61° 8	1st	249	242	246	84.2	85.9
November	89.5	41° 8	41° 3	41° 6	35° 3	48° 3	20° 9	22nd	59° 4	13th	234	229	232	83.4	84.1
December	29° 84.6	39° 1	40° 7	39° 9	34° 6	45° 3	23° 2	14th	55° 2	6th	215	224	220	87.6	85.7
Year	29° 96.8	48° 1	47° 2	47° 6	41° 7	54° 9	—	—	—	—	293	295	294	83.4	86.6

YORK.

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

1880.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9a.m.	9p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm		
January -	6.8	6.7	6.8	ins.	ins.	15th	7	2	0	0	4	15	0	10	2	1	3	23	8	10	4	1		
February -	6.8	5.6	6.2	1.790	.600	16th	18	0	0	0	5	10	1	2	2	2	4	20	7	15	6	0		
March -	7.5	5.5	6.5	2.070	1.060	31st	9	1	0	0	3	14	2	4	9	23	3	11	2	10	0	0		
April -	7.0	4.5	5.8	2.300	.700	3rd	19	0	2	3	2	8	1	12	8	6	1	15	5	11	2	0		
May -	6.5	5.4	6.0	2.120	1.110	26th	11	0	0	0	3	10	1	14	11	9	1	9	4	11	3	0		
June -	6.7	7.0	6.9	1.550	.370	8th	16	0	0	6	1	12	0	13	7	7	4	4	8	11	6	0		
July -	7.9	7.6	7.8	5.210	.950	26th	22	0	0	6	0	17	0	4	4	6	3	15	7	20	3	0		
August -	6.5	6.1	6.3	1.660	.580	7th	10	0	0	2	2	10	0	12	17	11	1	6	2	8	5	0		
September -	5.6	4.4	5.0	4.570	1.350	11th	16	0	1	0	7	8	0	5	0	3	2	12	11	21	4	2		
October -	6.5	5.5	6.0	3.820	1.500	27th	15	2	3	0	3	12	1	23	8	5	0	1	2	15	6	2		
November -	5.3	4.0	4.7	2.330	.610	17th	16	7	0	0	7	4	1	14	1	2	0	15	8	16	4	0		
December -	5.9	5.4	5.7	3.220	.820	29th	20	5	0	0	5	9	1	9	1	0	2	6	7	27	7	3		
Year	6.6	5.6	6.1	30.930	—	—	179	17	6	17	42	129	8	122	70	75	24	137	71	175	50	8		

HULL.

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

January	7.0	7.3	7.2	ins. 0.200	ins. 0.80	1st	6	0	0	0	2	15	0	4	0	1	5	2	17	16	12	5
February	7.1	5.3	6.2	1.350	4.20	16th	15	0	0	0	4	10	1	1	4	2	3	5	15	24	4	0
March	7.8	6.8	7.3	1.510	5.70	31st	7	1	0	0	2	16	0	2	6	20	10	6	6	8	2	2
April	7.3	3.9	5.6	1.440	2.50	3rd	15	0	0	2	3	6	0	2	16	6	1	1	12	9	8	5
May	7.1	6.6	6.9	1.470	6.80	26th	11	0	0	0	2	16	0	2	24	8	3	5	5	8	3	4
June	8.1	5.6	6.9	2.090	6.20	19th	14	0	0	2	2	10	0	1	20	10	3	3	1	10	8	4
July	8.1	6.6	7.4	4.630	9.60	14th	22	0	0	3	0	14	0	1	6	7	6	1	9	15	9	8
August	6.2	6.1	6.2	1.810	4.50	6th	9	0	0	2	6	12	0	0	6	3	2	8	2	17	7	15
September	5.2	4.5	4.9	4.860	1.440	11th	15	0	0	3	12	8	0	0	6	3	2	8	2	17	7	15
October	7.5	5.2	6.4	6.280	1.700	27th	19	0	0	0	3	14	1	6	19	8	1	0	1	9	7	11
November	5.7	4.4	5.1	1.980	4.80	17th	16	0	0	0	7	8	0	6	3	2	0	1	15	15	7	11
December	—	—	—	2.87	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Register discontinued after November.

WAKEFIELD.

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

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KELSTERN

Long. 0° 7' W. Lat. 53° 24' N. Height above Mean Sea Level, 388 feet.

1880.	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° 368	31° 8	32° 4	32° 1	29° 0	37° 6	16° 9	29th	54° 3	1st	in. 167	in. 172	in. 170	% 90° 7	% 92° 2	% 91° 5	
February -	29° 741	39° 0	38° 9	39° 0	34° 8	46° 1	30° 0	9th	52° 4	<div>19th 28th 29th</div>	224	223	224	93° 5	93° 2	93° 4	
March -	30° 125	41° 2	38° 5	39° 9	34° 6	47° 0	23° 0	20th	56° 1	13th	220	217	219	88° 2	92° 1	90° 2	
April -	29° 879	45° 9	42° 3	44° 1	38° 2	52° 0	30° 2	30th	64° 3	19th	261	241	251	84° 6	88° 9	86° 8	
May -	30° 118	50° 1	45° 2	47° 7	40° 4	55° 8	32° 2	1st	69° 6	21st	285	271	278	79° 0	89° 3	84° 2	
June -	29° 920	55° 7	51° 9	53° 8	47° 6	61° 7	36° 8	5th	72° 5	29th	374	353	364	84° 1	90° 6	87° 4	
July -	29° 869	59° 5	55° 4	57° 5	50° 6	65° 1	42° 6	5th	71° 7	25th	426	404	415	84° 0	91° 6	87° 8	
August -	30° 038	60° 6	57° 2	58° 9	53° 5	67° 0	45° 3	1st	78° 2	26th	446	448	447	84° 8	95° 2	90° 0	
September -	29° 964	59° 2	55° 3	57° 3	50° 4	66° 0	41° 7	20th	81° 3	4th	422	401	412	83° 9	90° 6	87° 3	
October -	905	44° 5	42° 4	43° 5	38° 0	50° 9	27° 5	20th	60° 9	1st	263	255	259	88° 0	92° 2	90° 1	
November -	916	40° 3	39° 2	39° 8	34° 3	46° 8	22° 2	<div>22nd 23rd</div>	57° 7	13th	231	227	229	88° 8	91° 7	90° 3	
December -	29° 858	37° 7	38° 7	38° 2	34° 1	43° 7	26° 7	27th	54° 8	6th	218	226	222	94° 8	93° 5	94° 2	
Year -	29° 975	47° 1	44° 8	46° 0	40° 5	53° 3	—	—	—	—	295	287	291	87° 0	91° 8	89° 4	

LLANDUDNO

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

		ins.									in.	in.	in.	% °/°	% °/°	% °/°	
January	-	30° 329	38° 2	38° 9	38° 6	35° 4	43° 5	24° 2	21st	56° 0	31st	190	200	195	79° 6	81° 5	80° 6
February	-	29° 677	44° 8	44° 4	44° 6	40° 4	49° 7	32° 0	6th	55° 2	2nd	247	247	247	83° 5	84° 3	83° 9
March	-	30° 063	44° 9	44° 6	44° 8	38° 7	51° 9	31° 7	24th	59° 5	25th	249	252	251	83° 5	85° 4	84° 5
April	-	29° 857	47° 9	46° 5	47° 2	42° 4	52° 0	34° 0	14th	59° 8	19th	260	262	261	77° 8	82° 5	80° 2
May	-	30° 116	52° 2	50° 4	51° 3	45° 0	56° 2	36° 4	1st	62° 8	19th	306	311	309	78° 5	84° 7	81° 6
June	-	29° 926	57° 2	55° 0	56° 1	51° 1	61° 7	41° 0	10th	69° 4	22nd	367	367	367	77° 6	84° 5	81° 1
July	-	29° 856	59° 9	57° 7	58° 8	54° 0	64° 3	49° 0	21st	71° 7	17th	413	410	412	80° 4	86° 0	83° 2
August	-	30° 032	61° 9	60° 6	61° 3	56° 1	66° 6	50° 5	1st	71° 0	10th	448	450	449	81° 1	85° 2	83° 2
September	-	29° 954	59° 4	57° 8	58° 6	54° 3	63° 4	47° 0	19th	81° 8	4th	424	414	419	83° 5	86° 0	84° 8
October	-	945	46° 9	46° 5	46° 7	41° 7	51° 1	30° 0	22nd	63° 3	1st	268	270	269	82° 9	84° 3	83° 6
November	-	885	44° 7	44° 5	44° 6	38° 6	49° 1	25° 7	22nd	57° 3	13th	248	250	249	81° 6	82° 5	82° 1
December	-	29° 872	43° 6	43° 4	43° 5	39° 6	47° 7	29° 2	18th	54° 4	7th	245	246	246	84° 5	85° 5	85° 0
Year	-	29° 959	50° 1	49° 2	49° 7	44° 8	54° 8	—	—	—	—	305	307	306	81° 2	84° 4	82° 8

BUXTON

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

		ins.										in.	in.	in.	%	%	%
January	-	*	30°9	32°0	31°5	25°5	39°5	12°1	28th	51°7	3rd	°164	°171	°168	92°9	92°9	92°9
February	-	*	37°6	39°5	38°6	31°5	45°9	25°7	9th	50°4	29th	°207	°225	°216	91°8	92°1	92°0
March	-	*	38°1	40°3	39°2	31°9	51°1	23°6	8th	59°2	28th	°218	°242	°230	93°9	95°5	94°7
April	-	*	42°1	41°6	41°9	34°1	52°6	26°8	30th	58°9	20th	°245	°240	°243	90°7	91°1	90°9
May	-	*	47°3	45°1	46°2	36°2	57°1	28°3	9th	61°5	30th	°279	°276	°278	85°2	91°6	88°4
June	-	29°921	53°0	52°0	52°5	44°2	62°4	33°9	10th	70°5	22nd	°358	°358	°358	88°7	91°3	90°0
July	-	*	56°9	56°4	56°7	50°0	65°2	40°0	4th	70°7	17th	°412	°418	°415	88°7	91°6	90°2
August	-	30°053	59°1	57°5	58°3	51°9	67°2	45°1	25th	76°6	11th	°421	°424	°423	84°0	89°7	86°9
September	-	29°986	56°5	53°3	54°9	48°6	63°1	40°0	8th	80°1	4th	°391	°373	°382	85°6	91°0	88°3
October	-	°956	42°2	39°6	40°9	34°0	48°0	18°4	20th	59°6	1st	°236	°227	°232	86°5	91°2	88°9
November	-	°951	38°5	38°7	38°6	32°0	45°3	12°4	22nd	56°2	13th	°218	°214	°216	89°4	87°4	88°4
December	-	29°506	38°0	37°7	37°9	31°9	43°5	14°9	21st	53°6	6th	°216	°211	°214	91°9	90°3	91°1
Year	-	—	45°0	44°5	44°8	37°7	53°4	—	—	—	—	°280	°282	°281	89°1	91°3	90°2

* Observations not reliable.

NOTE.—The instrumental observations for the first three months must

KELSTERN.

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

1880.	Month.	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° 7	6° 3	6° 5	ins. 0° 174	ins. 0° 50	22nd	8	4	0	0	6	16	1	6	1	5	9	9	16	7	8	1
February	-	6° 9	4° 9	5° 9	2° 201	5° 40	16th	19	1	0	0	5	10	3	1	3	1	5	13	18	10	4	3
March	-	7° 2	5° 5	6° 4	2° 009	9° 00	31st	6	1	0	1	4	10	1	1	7	22	9	3	8	6	4	2
April	-	7° 5	4° 8	6° 2	2° 467	4° 14	3rd	16	0	2	3	2	9	1	3	16	5	2	7	15	7	4	1
May	-	7° 0	6° 5	6° 8	1° 203	3° 70	26th	11	0	0	2	2	13	1	14	17	6	3	3	4	9	5	1
June	-	8° 1	6° 8	7° 5	4° 276	9° 40	23rd	19	0	0	5	0	10	0	7	13	6	4	5	5	11	5	4
July	-	7° 6	6° 9	7° 3	5° 375	9° 44	7th	23	0	0	7	0	9	0	1	2	5	10	2	19	13	8	2
August	-	7° 1	7° 1	7° 1	1° 877	7° 36	26th	9	0	0	3	2	14	0	4	32	6	1	1	6	5	5	2
September	-	5° 7	4° 9	5° 3	5° 140	1° 865	14th	11	0	0	6	7	8	0	0	7	2	4	4	16	16	9	2
October	-	6° 9	5° 5	6° 2	6° 377	1° 640	27th	19	3	0	0	4	13	0	7	16	3	0	1	7	8	16	4
November	-	5° 7	4° 6	5° 2	3° 478	9° 00	14th	20	8	0	0	6	7	0	4	7	0	1	4	20	8	16	0
December	-	6° 1	5° 5	5° 8	2° 638	4° 78	15th	19	7	0	0	4	7	1	2	1	3	1	7	15	24	9	0
Year	-	6° 9	5° 8	6° 4	37° 215	—	—	180	24	2	27	42	126	8	50	122	64	49	59	149	124	93	22

CHEADLE, STAFFORD

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

1880.	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.							
At 32° F.	ins.											in.	in.	in.	%	%	%
29.636 ✓	January -	30.374	31.5	32.8	32.2	28.9	38.0	15.6	29th	51.3	1st	155	165	160	88	89	89
024 ✓	February -	29.735	38.8	40.2	39.5	35.4	45.6	30.2	{ 5th 13th }	51.8	18th	216	226	221	92	91	91
389 ✓	March -	30.108	39.7	40.2	39.9	35.3	49.4	29.0	20th	59.3	29th	212	214	213	87	86	87
167 ✓	April -	29.875	44.1	42.5	43.3	37.9	51.9	31.4	30th	58.8	3rd	236	231	234	82	85	83
405 ✓	May -	30.112	49.1	46.7	47.9	40.5	56.9	34.4	7th	63.1	26th	268	261	264	77	82	80
226 ✓	June -	29.920	54.6	53.1	53.9	48.0	62.2	37.5	9th	69.7	29th	357	357	357	84	88	86
177 ✓	July -	29.867	57.0	55.9	56.4	51.3	64.3	45.6	31st	69.9	23rd	425	418	422	91	94	92
340 ✓	August -	30.029	58.8	58.2	58.5	52.9	67.1	47.0	7th	78.0	11th	427	427	427	86	88	87
271 ✓	September -	29.963	56.2	55.3	55.8	50.3	63.7	41.4	19th	80.9	4th	401	389	395	89	89	89
207 ✓	October -	918	42.7	41.6	42.1	37.6	48.9	27.1	30th	60.9	1st	238	233	235	87	89	88
210 ✓	November -	925	39.6	39.8	39.7	34.8	46.6	21.4	22nd	56.4	13th	217	220	219	89	90	90
29.169 ✓	December -	29.884	38.1	39.2	38.7	34.6	44.0	23.1	26th	53.2	6th	214	218	216	93	91	92
29.268	Year -	29.976	45.9	45.5	45.7	40.6	53.2	—	—	—	—	281	280	280	87.1	88.5	87.8

HILLINGTON, NORFOLK

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

At 32° F																	
		ins.										in.	in.	in.	%	%	%
30.262	January -	30.368	32.4	32.4	32.4	28.4	38.3	17.9	27th	54.9	1st	169	176	173	89.1	93.9	91.5
29.662	February -	29.765	40.6	40.0	40.3	35.2	47.8	28.0	25th	55.3	19th	226	230	228	88.2	92.3	90.3
30.016	March -	30.119	43.7	39.6	41.7	34.7	52.7	25.7	20th	59.7	{ 5th 29th }	238	218	228	83.5	89.0	86.3
29.772	April -	29.874	48.3	43.8	46.1	38.8	54.8	31.9	6th	67.1	19th	271	249	260	80.5	87.1	83.8
.996	May -	30.097	53.6	46.5	50.1	41.2	59.7	28.9	1st	74.7	26th	306	279	293	74.1	87.7	80.9
.800	June -	29.900	59.2	53.6	56.4	48.4	65.9	38.2	9th	76.9	29th	408	382	395	81.0	91.9	86.5
.774	July -	29.874	61.9	56.2	59.1	51.3	69.2	43.3	11th	76.5	15th	459	419	439	83.2	92.6	87.9
.908	August -	30.007	63.8	57.7	60.8	53.4	69.8	43.4	3rd	78.3	31st	479	457	468	81.5	95.8	88.7
.861	September -	29.961	61.3	55.2	58.3	50.1	68.1	39.2	8th	85.1	4th	447	412	430	82.7	93.4	88.1
.777	October -	.880	46.6	43.3	45.0	38.1	53.3	25.9	24th	61.9	5th	287	262	275	89.1	91.2	90.2
.816	November -	.920	41.8	39.8	40.8	34.9	48.0	21.5	22nd	58.2	{ 13th 10th 23rd }	247	232	240	89.9	91.3	90.6
29.765	December -	29.868	39.4	40.6	40.0	35.5	45.9	25.4	17th	52.9		224	234	229	90.4	89.9	90.2
29.867	Year -	29.969	49.4	45.7	47.6	40.8	56.1	—	—	—	—	313	296	305	84.4	91.3	87.9

LEICESTER

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

	ins.											in.	in.	in.	%.	%.	%.
January -	30.365	33.2	34.6	33.9	30.6	39.6	17.0	29th	54.8	1st		.167	.177	.172	88	88	88
February -	29.744	40.8	42.1	41.5	37.1	47.6	25.9	1st	56.8	18th	.225	.232	.229	89	87	88	
March -	30.105	42.0	43.4	42.7	36.1	51.8	24.8	20th	61.2	29th	.223	.234	.229	84	83	84	
April -	29.868	46.9	45.5	46.2	39.9	53.7	32.5	30th	64.2	19th	.253	.245	.249	80	81	81	
May -	30.103	51.8	50.2	51.0	42.1	59.1	32.1	1st	69.2	26th	.273	.274	.274	71	76	74	
June -	29.906	57.2	56.5	56.9	48.7	64.4	38.0	5th	73.0	29th	.362	.363	.363	77	79	78	
July -	29.860	61.0	59.5	60.3	53.1	67.0	47.0	3rd	73.0	23rd	.416	.418	.417	78	83	81	
August -	30.013	61.6	61.1	61.4	55.0	68.8	48.6	7th	78.2	11th	.441	.454	.448	81	84	83	
September -	29.968	59.6	57.9	58.8	51.6	66.5	43.0	8th	84.4	4th	.420	.411	.416	82	86	84	
October -	.909	44.2	43.8	44.0	38.7	51.0	28.1	20th	60.8	2nd	.253	.253	.253	87	88	88	
November -	.939	40.7	41.0	40.9	34.8	48.3	13.3	22nd	61.0	13th	.224	.227	.226	88	89	89	
December -	29.890	40.7	41.4	41.1	37.1	46.8	25.5	3rd	54.3	6th	.231	.235	.233	91	91	91	
Year -	29.973	48.3	48.1	48.2	42.1	55.4	—	—	—	—	.291	.294	.292	83.0	84.6	83.8	

CHEADLE, STAFFORD.

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

1880.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	6.8	6.3	6.6	ins.	ins.	15th	4	2	0	0	6	17	3	7	2	7	5	11	3	6	4	17	
February -	7.3	6.8	7.0	2.760	.610	16th	21	1	1	1	3	14	14	1	3	1	7	6	20	8	6	6	
March -	6.8	4.8	5.8	2.270	.960	31st	8	1	1	1	6	9	8	0	2	34	4	1	9	4	4	4	
April -	8.4	5.1	6.8	1.430	.310	15th	14	0	2	4	2	13	6	4	13	9	2	9	7	8	6	2	
May -	6.5	6.3	6.4	2.650	1.130	26th	10	0	2	1	0	11	5	5	16	13	1	4	4	7	9	3	
June -	7.2	6.4	6.8	2.670	.700	19th	18	0	2	6	1	10	4	10	9	6	3	3	8	4	11	6	
July -	7.7	7.0	7.3	6.120	1.300	17th	25	0	0	10	0	12	2	1	3	7	6	6	11	10	15	3	
August -	7.3	4.9	6.1	3.420	2.330	7th	7	0	0	5	1	7	1	3	8	31	0	2	5	2	6	5	
September -	6.2	5.5	5.9	3.410	.730	12th	15	0	0	4	6	11	0	8	3	4	3	2	13	9	10	8	
October -	7.6	5.5	6.5	4.070	1.400	27th	14	3	1	0	2	11	7	12	19	11	1	0	3	7	3	6	
November -	5.9	5.4	5.7	3.010	1.220	14th	19	6	0	0	6	10	8	5	6	3	1	6	15	6	11	7	
December -	7.9	6.3	7.1	5.120	.910	29th	24	6	0	0	1	14	10	0	1	3	2	3	14	12	18	9	
Year -	7.1	5.9	6.5	37.370	—	—	179	19	9	32	34	139	68	56	85	129	35	53	112	83	103	76	

HILLINGTON, NORFOLK.

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

		ins.			ins.																		
		0.236			.045			22nd															
January	-	7.9	7.8	7.9	2.127	.640	18th	11	7	0	0	2	21	1	4	1	2	14	7	18	5	11	0
February	-	8.2	7.3	7.8	2.127	.640	18th	23	0	0	0	1	17	1	0	4	1	6	13	23	4	6	1
March	-	7.6	7.1	7.4	1.270	.830	31st	15	2	1	2	3	16	3	0	12	19	13	1	9	5	3	0
April	-	8.2	6.2	7.2	2.844	.675	2nd	22	0	0	3	1	12	0	3	13	4	5	4	16	10	4	1
May	-	7.8	7.5	7.7	1.619	.220	27th	12	0	2	3	1	16	2	3	28	5	5	1	9	3	8	0
June	-	8.4	8.5	8.5	2.836	.440	15th	19	0	2	6	0	17	0	2	19	3	10	2	8	8	8	0
July	-	8.2	8.3	8.3	5.315	1.110	14th	22	0	1	14	0	15	0	0	7	2	9	3	26	3	12	0
August	-	7.5	7.5	7.5	1.825	.890	7th	13	0	0	6	2	17	0	0	35	3	4	0	5	4	9	2
September	-	7.0	6.5	6.8	3.877	1.240	11th	15	0	1	5	2	13	0	3	7	2	9	2	15	7	13	2
October	-	8.0	5.8	6.9	4.729	.740	4th	16	0	3	0	2	12	1	4	17	8	4	1	8	5	15	0
November	-	7.7	6.2	7.0	2.647	.880	14th	17	5	2	0	3	16	2	2	2	4	5	1	27	11	8	0
December	-	8.2	7.4	7.8	2.376	.303	15th	22	5	0	0	2	20	0	3	1	1	3	3	27	9	15	0
Year	-	7.9	7.2	7.6	31.701	—	—	207	19	12	39	19	192	10	24	146	54	87	38	191	74	112	6

UPPINGHAM

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

1880.	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° 377	31° 9	32° 6	32° 3	29° 0	37° 7	16° 6	29th	53° 8	1st	in. ° 166	in. ° 169	in. ° 168	% 89° 5	% 88° 8	% 89° 2
February -	29° 754	39° 9	40° 1	40° 0	36° 2	46° 1	30° 7	5th	52° 8	19th	° 224	° 226	° 225	90° 5	90° 1	90° 3
March -	30° 116	41° 7	40° 1	40° 9	35° 5	51° 8	29° 0	20th	62° 8	25th	° 233	° 227	° 230	88° 3	90° 2	89° 3
April -	29° 878	45° 6	42° 8	44° 2	38° 5	53° 3	32° 1	27th	64° 5	19th	° 268	° 249	° 259	87° 5	89° 7	88° 6
May -	30° 107	51° 6	46° 6	49° 1	41° 3	60° 4	34° 0	1st	71° 9	20th	° 316	° 287	° 302	82° 0	89° 5	85° 8
June -	29° 911	56° 7	52° 9	54° 8	48° 2	64° 6	37° 1	5th	74° 1	29th	° 394	° 372	° 383	85° 5	92° 2	88° 9
July -	29° 874	59° 4	56° 2	57° 8	51° 8	67° 1	46° 3	5th	74° 9	21st	° 439	° 415	° 427	86° 7	91° 3	89° 0
August -	30° 021	60° 6	57° 7	59° 2	54° 0	69° 0	47° 9	1st	78° 4	11th	° 462	° 450	° 456	87° 5	94° 1	90° 8
September -	29° 968	58° 1	55° 7	56° 9	51° 3	66° 1	42° 9	10th	83° 4	4th	° 429	° 420	° 425	88° 0	93° 1	90° 6
October -	902	43° 8	42° 2	43° 0	37° 9	50° 3	27° 2	20th	59° 6	1st	° 264	° 255	° 260	90° 2	92° 5	91° 4
November -	938	40° 2	39° 6	39° 9	34° 9	46° 6	20° 6	22nd	56° 1	13th	° 228	° 225	° 227	87° 5	89° 0	88° 3
December -	29° 889	38° 9	39° 7	39° 3	36° 2	45° 2	27° 2	26th	52° 9	10th	° 223	° 221	° 222	91° 3	88° 4	89° 9
Year -	29° 978	47° 4	45° 5	46° 5	41° 2	54° 9	—	—	—	—	° 304	° 293	° 299	87° 9	90° 7	89° 3

OSCOTT

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

		ins.										in.	in.	in.	%	%	%
January -	-	30° 375	31° 9	33° 4	32° 7	29° 7	38° 8	17° 9	29th	53° 0	1st	° 166	° 173	° 170	88° 8	87° 3	88° 1
February -	-	29° 741	40° 0	40° 8	40° 4	36° 2	47° 1	30° 9	25th	54° 4	20th	° 234	° 240	° 237	93° 9	93° 4	93° 7
March -	-	30° 105	39° 9	41° 2	40° 6	35° 1	51° 0	26° 8	20th	62° 1	29th	° 221	° 231	° 226	89° 0	88° 1	88° 6
April -	-	29° 876	45° 5	43° 7	44° 6	38° 7	52° 9	30° 5	30th	61° 1	19th	° 246	° 245	° 246	80° 7	85° 6	83° 2
May -	-	30° 112	50° 1	48° 0	49° 1	41° 6	58° 8	34° 1	9th	69° 2	26th	° 274	° 275	° 275	75° 7	81° 5	78° 6
June -	-	29° 917	56° 0	54° 1	55° 1	48° 5	63° 8	39° 0	9th	72° 5	29th	° 373	° 362	° 368	83° 0	85° 9	84° 5
July -	-	29° 871	59° 3	57° 6	58° 5	52° 4	67° 1	46° 4	5th	74° 0	25th	° 420	° 416	° 418	83° 5	87° 1	85° 3
August -	-	30° 026	59° 9	58° 8	59° 4	54° 2	68° 3	47° 2	24th	77° 6	11th	° 438	° 435	° 437	85° 1	87° 5	86° 3
September -	-	29° 967	58° 5	56° 0	57° 3	50° 6	66° 3	42° 5	20th	85° 1	4th	° 429	° 411	° 420	87° 0	90° 5	88° 8
October -	-	° 920	43° 2	41° 8	42° 5	37° 6	50° 2	26° 0	24th	64° 1	1st	° 254	° 245	° 250	88° 7	90° 6	89° 7
November -	-	° 938	39° 9	40° 3	40° 1	35° 1	48° 0	17° 4	22nd	58° 5	13th	° 229	° 232	° 231	88° 6	89° 6	89° 1
December -	-	29° 901	39° 5	40° 0	39° 8	35° 8	45° 8	26° 9	26th	55° 3	6th	° 232	° 227	° 230	92° 6	89° 5	91° 1
Year		29° 979	47° 0	46° 3	46° 7	41° 3	54° 8	—	—	—	—	° 293	° 291	° 292	86° 4	88° 1	87° 3

CHURCHSTOKE

Long. 8° 5' W. Lat. 52° 31' N. Height above Mean Sea Level, 548 feet.

	ins.										in.	in.	in.	%	%	%
January -	30° 393	32° 4	33° 4	32° 9	28° 3	40° 1	13° 2	20th	56° 9	31st	163	173	168	83° 1	86° 1	84° 6
February -	29° 750	41° 2	41° 1	41° 2	35° 4	47° 8	26° 7	25th	53° 9	1st	230	226	228	88° 4	86° 9	87° 7
March -	30° 116	40° 2	41° 6	40° 9	33° 6	50° 4	20° 0	24th	61° 4	29th	209	217	213	82° 8	81° 9	82° 4
April -	29° 895	44° 9	42° 9	43° 9	37° 3	51° 5	27° 9	30th	59° 0	2nd	237	237	237	79° 4	85° 0	82° 2
May -	30° 134	50° 1	47° 9	49° 0	40° 2	58° 1	30° 0	1st	67° 1	20th	281	282	282	77° 0	83° 8	80° 4
June -	29° 945	55° 6	53° 5	54° 6	47° 2	62° 2	35° 8	9th	70° 2	18th	354	356	355	80° 1	85° 8	83° 0
July -	29° 885	58° 4	55° 9	57° 2	50° 6	65° 6	43° 0	5th	72° 4	17th	398	388	393	81° 5	86° 5	84° 0
August -	30° 050	59° 1	58° 5	58° 8	52° 9	67° 9	43° 2	24th	75° 9	11th	426	427	427	84° 9	86° 7	85° 8
September -	29° 984	57° 4	55° 0	56° 2	49° 7	64° 3	38° 4	8th	81° 0	3rd	396	389	393	83° 6	89° 0	86° 3
October -	945	41° 5	41° 3	41° 4	35° 4	48° 9	22° 4	20th	65° 8	1st	240	234	237	89° 4	88° 5	89° 0
November -	949	39° 6	40° 6	40° 1	34° 3	47° 6	16° 1	18th	56° 8	13th	219	230	225	85° 5	86° 4	86° 0
December -	29° 922	40° 4	40° 6	40° 5	35° 5	46° 4	23° 4	18th	53° 8	6th	233	230	232	90° 4	88° 5	89° 5
Year -	29° 997	46° 7	46° 0	46° 4	40° 0	54° 2	—	—	—	—	282	282	282	83° 8	86° 3	85° 1

UPPINGHAM.

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

1880.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	7° 4	5° 8	6° 6	0° 336	1° 135	16th	6	6	0	0	7	17	1	5	0	1	9	9	18	3	9	8
February -	7° 8	6° 5	7° 2	1° 747	1° 607	16th	20	2	1	0	1	14	6	4	1	0	3	13	22	9	6	0
March -	8° 1	6° 2	7° 2	1° 259	1° 450	31st	11	2	0	1	3	18	3	3	10	18	5	5	9	4	0	8
April -	8° 5	5° 9	7° 2	1° 911	1° 276	3rd	22	1	2	4	1	15	2	2	16	4	1	10	8	12	3	4
May -	7° 5	5° 9	6° 7	1° 459	1° 372	10th	13	0	1	3	2	13	2	6	20	5	3	3	6	6	5	8
June -	8° 8	6° 4	7° 6	2° 961	1° 660	1st	20	0	1	5	0	13	0	6	13	1	4	1	10	13	7	5
July -	8° 9	7° 6	8° 3	6° 642	1° 267	13th	26	0	0	9	0	20	0	2	4	4	1	8	16	19	2	6
August -	8° 4	6° 5	7° 5	1° 577	1° 579	7th	8	0	0	3	0	13	0	14	25	2	0	0	5	3	6	7
September -	6° 6	5° 9	6° 3	4° 261	1° 081	11th	13	0	1	4	4	12	0	3	2	2	2	7	9	11	6	18
October -	7° 3	6° 0	6° 7	6° 440	1° 263	4th	15	3	1	0	5	15	2	6	20	3	1	1	3	13	7	8
November -	6° 8	6° 4	6° 6	2° 112	1° 599	14th	15	4	0	0	2	15	9	9	4	1	0	8	20	9	6	3
December -	7° 3	6° 6	7° 0	2° 397	1° 294	26th	23	7	0	0	3	17	2	6	3	0	1	3	17	21	8	3
Year -	7° 8	6° 3	7° 1	33° 012	—	—	192	25	7	29	28	182	27	66	118	41	30	68	143	123	65	78

OSCOTT.

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

1880.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of			
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GELDESTON (BECCLES)

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

1880.	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° 377	33° 1	33° 9	33° 5	29° 9	39° 8	18° 1	28th	56° 3	1st	° 173	° 178	° 176	88° 9	89° 5	89° 2
February - -	29° 794	40° 7	40° 4	40° 6	35° 6	47° 6	26° 0	2nd	54° 8	29th	° 232	° 233	° 233	90° 3	92° 1	91° 2
March - -	30° 129	43° 5	40° 7	42° 1	36° 2	49° 7	26° 4	26th	60° 6	29th	° 238	° 227	° 233	83° 6	88° 6	86° 1
April - -	29° 883	48° 2	44° 6	46° 4	40° 3	53° 7	35° 1	26th	65° 4	19th	° 263	° 254	° 259	78° 1	86° 1	82° 1
May - -	30° 095	53° 1	47° 0	50° 1	41° 9	58° 0	32° 5	2nd	81° 7	26th	° 294	° 281	° 288	72° 6	86° 9	79° 8
June - -	29° 906	58° 4	53° 9	56° 2	48° 6	63° 7	39° 2	5th	74° 9	29th	° 387	° 369	° 378	79° 0	88° 1	83° 6
July - -	29° 892	62° 1	58° 0	60° 1	52° 9	68° 7	40° 1	21st	75° 7	15th	° 436	° 426	° 431	78° 3	88° 3	83° 3
August - -	30° 003	63° 3	59° 4	61° 4	55° 7	68° 3	47° 0	3rd	76° 8	10th	° 463	° 465	° 464	80° 0	91° 8	85° 9
September - -	29° 977	60° 6	56° 4	58° 5	51° 4	67° 9	42° 9	20th	82° 8	4th	° 439	° 422	° 431	82° 8	91° 2	87° 0
October - -	877	47° 6	46° 2	46° 9	41° 5	53° 4	30° 9	25th	63° 6	5th	° 286	° 279	° 283	84° 6	87° 3	86° 0
November - -	937	42° 4	41° 8	42° 1	36° 8	48° 6	26° 9	23rd	58° 4	13th	° 245	° 237	° 241	87° 6	86° 7	87° 2
December - -	29° 878	40° 9	41° 8	41° 4	36° 9	46° 8	28° 0	22nd	55° 0	10th	° 237	° 242	° 240	90° 5	88° 9	89° 7
Year - -	29° 979	49° 5	47° 0	48° 3	42° 3	55° 5	—	—	—	—	° 308	° 301	° 305	83° 0	88° 8	85° 9

CHELTENHAM

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

January	ins. 30° 394	32° 5	33° 1	32° 8	27° 9	38° 0	10° 0	20th	53° 0	1st	in. 169	in. 175	in. 172	88° 6	88° 8	88° 7
February	29° 766	42° 2	42° 7	42° 5	36° 5	48° 3	26° 6	1st	54° 0	19th	240	244	242	88° 5	88° 5	88° 5
March	30° 106	43° 2	43° 0	43° 1	35° 9	52° 9	23° 3	29th	62° 2	25th	233	234	234	83° 2	83° 6	83° 4
April	29° 889	47° 0	44° 7	45° 9	38° 8	53° 4	27° 5	30th	61° 3	19th	257	249	253	79° 3	83° 8	81° 6
May	30° 112	52° 7	49° 0	50° 9	40° 2	60° 7	28° 2	1st	72° 5	21st	289	280	285	72° 5	79° 7	76° 1
June	29° 923	58° 4	54° 7	56° 6	47° 3	65° 0	34° 0	10th	73° 7	18th	393	387	390	80° 2	89° 4	84° 8
July	29° 883	61° 4	58° 3	59° 9	51° 7	68° 7	41° 2	5th	74° 0	15th	444	426	435	82° 2	87° 5	84° 9
August	30° 018	61° 0	59° 6	60° 3	53° 4	70° 5	44° 2	3rd	79° 1	11th	449	432	441	83° 8	84° 5	84° 2
September	29° 976	59° 4	55° 1	57° 3	49° 5	66° 4	40° 1	7th	83° 5	4th	428	403	416	84° 8	91° 7	88° 3
October	29° 907	44° 6	42° 5	43° 6	35° 7	51° 7	21° 6	24th	64° 8	1st	272	258	265	90° 3	91° 9	91° 1
November	*	41° 1	41° 0	41° 1	34° 8	47° 4	18° 8	22nd	57° 2	14th	240	238	239	88° 7	89° 0	88° 9
December	*	42° 0	41° 2	41° 6	35° 0	47° 5	24° 0	26th	55° 0	10th	248	234	241	89° 9	88° 2	89° 1
Year	—	48° 8	47° 1	48° 0	40° 6	55° 9	—	—	—	—	305	297	301	84° 3	87° 2	85° 8

* Barometer out of order during November and December.

ST. DAVID'S, PEMBROKE

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

January	ins. 30° 343	38° 6	38° 5	38° 6	34° 9	42° 0	23° 3	20th	51° 5	1st	in. 212	in. 212	in. 212	87° 5	87° 9	87° 7
February	29° 710	44° 4	44° 0	44° 2	40° 8	47° 3	33° 3	24th	50° 0	20th	269	265	267	91° 9	91° 6	91° 8
March	30° 051	45° 3	44° 7	45° 0	40° 1	50° 5	30° 8	22nd	56° 7	20th	262	257	260	86° 5	86° 8	86° 7
April	29° 871	47° 4	45° 7	46° 6	42° 1	51° 1	32° 5	30th	54° 9	2nd	268	276	272	81° 7	89° 6	85° 7
May	30° 112	53° 0	49° 3	51° 2	45° 1	57° 0	38° 3	8th	69° 5	15th	319	321	320	79° 4	91° 1	85° 3
June	29° 942	55° 6	53° 5	54° 6	50° 7	60° 5	41° 3	10th	68° 1	18th	394	382	388	88° 4	92° 0	90° 2
July	29° 889	59° 7	56° 4	58° 1	53° 5	64° 1	50° 1	31st	72° 4	17th	436	426	431	85° 0	93° 1	89° 1
August	30° 021	63° 1	59° 9	61° 5	56° 1	67° 4	50° 9	9th	75° 9	15th	487	486	487	83° 9	93° 4	88° 7
September	29° 968	59° 1	57° 2	58° 2	54° 3	63° 1	50° 3	8th	77° 0	4th	447	442	445	88° 2	93° 3	90° 8
October	905	48° 2	46° 6	47° 4	42° 4	52° 7	33° 4	20th	61° 0	1st	276	272	274	80° 4	84° 3	82° 4
November	931	45° 1	45° 8	45° 5	41° 5	49° 1	29° 5	20th	54° 3	13th	260	270	265	83° 1	83° 8	83° 5
December	29° 927	45° 4	45° 4	45° 4	41° 5	48° 4	29° 0	17th	52° 9	10th	275	271	273	88° 2	86° 4	87° 3
Year	29° 973	50° 4	48° 9	49° 7	45° 3	54° 4	—	—	—	—	325	323	324	85° 4	89° 4	87° 4

GELDESTON (BECCLES).

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

1880.	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° 5	6° 1	6° 8	ins. 0° 170	ins. 0° 40	22nd	7	4	2	0	5	17	0	3	4	10	5	3	9	15	5	8
February	6° 1	5° 8	6° 0	1° 710	350	16th	17	0	1	1	4	10	3	1	5	1	5	11	15	13	1	6
March	6° 4	6° 2	6° 3	0° 800	350	31st	7	0	0	0	5	13	2	3	21	14	5	1	8	6	1	3
April	6° 9	4° 9	5° 9	1° 640	420	3rd	17	0	3	5	7	9	0	3	17	8	1	4	14	10	2	1
May	7° 4	5° 8	6° 6	0° 760	130	4th, 10th	11	0	1	3	1	12	0	15	18	5	2	3	5	8	5	1
June	7° 7	6° 0	6° 9	2° 490	590	24th	18	0	1	4	5	14	0	7	11	12	3	1	7	11	5	3
July	8° 0	6° 1	7° 1	4° 290	1340	26th	21	0	1	11	1	12	0	1	3	9	5	5	19	11	5	4
August	7° 0	5° 5	6° 3	1° 900	800	7th	9	0	0	5	3	12	0	11	22	6	2	2	3	6	7	3
September	6° 8	3° 8	5° 3	2° 720	1520	14th	13	0	0	3	6	9	0	2	3	7	3	5	10	13	9	8
October	8° 2	5° 6	6° 9	3° 930	810	6th	21	1	3	0	4	16	3	11	11	6	0	1	7	16	7	3
November	6° 6	4° 7	5° 7	2° 000	550	15th	20	3	3	0	6	11	5	3	7	3	0	2	24	13	8	0
December	7° 4	5° 8	6° 6	1° 970	290	27th	20	6	2	0	4	14	3	0	1	5	0	3	15	32	4	2
Year	7° 2	5° 5	6° 4	24° 380	—	—	181	14	17	32	51	149	16	60	123	86	31	41	136	154	59	42

CHELTENHAM.

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

January	-	7°7	5°6	6°7	ins. 0°960	ins. °530	16th	5	4	0	0	4	15	0	0	3	6	12	9	0	3	2	27
February	-	7°0	6°3	6°7	4°830	°950	18th	23	0	2	0	3	8	0	3	0	0	7	19	8	6	5	10
March	-	7°1	5°0	6°1	1°200	°480	31st	6	0	1	0	3	9	1	6	4	14	9	2	6	12	2	7
April	-	7°9	4°5	6°2	1°880	°350	3rd	18	0	1	0	1	10	0	9	12	3	1	9	10	8	5	3
May	-	6°9	4°7	5°8	0°940	°290	27th	9	0	1	4	3	5	0	12	7	13	1	3	3	7	3	13
June	-	7°4	7°3	7°4	3°180	°860	22nd	23	0	2	7	1	12	0	9	9	2	0	10	3	13	4	10
July	-	7°0	7°0	7°0	5°080	°790	14th	24	0	1	4	1	9	0	2	0	0	0	10	9	22	3	16
August	-	7°9	5°0	6°5	0°490	°150	6th	5	0	0	2	3	11	0	7	19	0	1	2	3	7	5	18
September	-	6°9	4°9	5°9	4°510	°990	14th	14	0	0	2	3	6	0	6	2	0	3	6	5	17	1	20
October	-	8°0	6°6	7°3	4°750	1°680	4th	17	1	0	0	2	16	0	4	2	13	1	6	2	4	7	23
November	-	7°0	5°7	6°4	2°980	°930	15th	16	1	0	0	5	12	1	5	1	1	1	7	11	13	5	16
December	-	8°2	6°2	7°2	2°920	°400	14th	17	7	0	0	1	14	0	1	0	0	0	8	10	18	8	17
Year	-	7°4	5°7	6°6	33°720	—	—	177	13	8	19	30	127	2	64	59	52	36	91	70	130	50	180

CARMARTHEN

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

1880.		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.							
AT 32°F		ins.											in.	in.	in.	%	%	%
30.137 ✓	January -	30° 362	35° 0	34° 9	35° 0	30° 0	41° 8	15° 7	22nd	54° 5	1st	190	196	193	90° 3	94° 4	92° 4	
29.516 ✓	February -	29° 733	43° 7	42° 7	43° 2	38° 4	49° 4	27° 5	25th	53° 3	28th	264	260	262	92° 0	94° 2	93° 1	
849 ✓	March -	30° 067	45° 6	44° 7	45° 2	38° 1	54° 4	27° 2	29th	61° 4	25th	254	253	254	82° 7	84° 9	83° 8	
655 ✓	April -	29° 871	48° 2	44° 9	46° 6	40° 3	53° 9	33° 2	30th	59° 8	2nd	273	268	271	80° 8	89° 1	85° 0	
840 ✓	May -	30° 105	54° 7	50° 0	52° 4	42° 9	60° 2	32° 6	2nd	68° 9	21st	311	306	309	73° 4	84° 5	79° 0	
7127 ✓	June -	29° 929	59° 1	54° 2	56° 7	49° 9	63° 5	35° 9	10th	71° 8	17th	381	368	375	76° 0	87° 0	81° 5	
673 ✓	July -	29° 883	62° 4	56° 9	59° 7	52° 5	67° 6	44° 4	11th	76° 9	17th	426	420	423	76° 1	90° 5	83° 3	
805 ✓	August -	30° 014	64° 7	60° 4	62° 6	55° 4	71° 1	49° 1	9th	79° 5	28th	455	456	456	74° 8	86° 7	80° 8	
763 ✓	September -	29° 975	58° 9	56° 1	57° 5	51° 7	65° 1	41° 4	19th	83° 0	4th	441	430	436	88° 0	94° 2	91° 1	
687 ✓	October -	904	45° 9	43° 9	44° 9	38° 4	53° 6	22° 8	21st	66° 6	1st	265	260	263	83° 9	89° 0	86° 5	
724 ✓	November -	943	42° 7	43° 4	43° 1	38° 2	49° 8	22° 7	22nd	55° 7	13th	252	266	259	87° 1	90° 8	89° 0	
29.716 ✓	December -	29° 934	43° 7	43° 1	43° 4	38° 6	48° 4	23° 4	18th	54° 5	10th	276	263	270	93° 6	92° 2	92° 9	
Year -		29° 977	50° 4	47° 9	49° 2	42° 9	56° 6	—	—	—	—	316	312	314	83° 2	89° 8	86° 5	

CHIGWELL ROW .

Long. $0^{\circ} 6' \text{ E.}$ Lat. $51^{\circ} 37' \text{ N.}$ Height above Mean Sea Level, 186 feet.

[illegible]

* NOTE.—No observations were taken during August, owing to the Observer's absence from home.

MARLBOROUGH, WILTS

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

		ins.										in.	in.	in.	%	%	%
January	-	30°39'2	30°3	31°0	30°7	27°3	38°5	8°6	28th	53°5	1st	1°163	1°164	1°164	92°9	91°7	92°3
February	-	29°806	39°8	40°7	40°3	36°1	48°1	27°3	1st	54°2	20th	1°232	1°235	1°234	93°6	91°8	92°7
March	-	30°118	42°4	42°2	42°3	36°2	53°8	24°6	29th	63°5	30th	1°231	1°227	1°229	84°9	83°5	84°2
April	-	29°900	46°4	43°5	45°0	38°9	53°8	31°2	27th	62°2	19th	1°251	1°243	1°247	80°0	85°6	82°8
May	-	30°112	52°3	49°0	50°7	41°4	61°6	29°3	1st	74°9	21st	1°275	1°278	1°277	69°7	79°3	74°5
June	-	29°936	57°6	54°1	55°9	48°2	65°2	36°2	10th	74°0	30th	1°375	1°366	1°371	79°0	87°0	83°0
July	-	29°910	61°8	57°2	59°5	51°9	69°3	43°7	5th	75°3	15th	1°431	1°411	1°421	78°8	87°4	83°1
August	-	30°018	60°6	58°9	59°8	54°1	70°8	46°0	31st	77°7	10th	1°445	1°443	1°444	84°4	89°0	86°7
September	-	29°997	58°9	55°3	57°1	50°8	67°4	40°1	20th	84°5	4th	1°439	1°412	1°421	86°2	93°1	89°7
October	-	°908	44°7	42°6	43°7	37°7	53°0	26°0	21st	67°2	1st	1°270	1°255	1°263	88°6	90°7	89°7
November	-	°992	40°1	40°3	40°2	35°4	47°6	15°8	22nd	56°7	13th	1°237	1°234	1°236	90°7	90°3	90°5
December	-	29°956	41°8	40°8	41°3	36°8	47°3	27°9	26th	53°4	10th	1°251	1°236	1°244	92°4	90°4	91°4
Year	-	30°004	48°1	46°3	47°2	41°2	56°4	—	—	—	—	1°299	1°292	1°296	85°1	88°3	86°7

CARMARTHEN.

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

1880.	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 - -	6.2	5.5	5.9	ins.	ins.	1st	8	0	0	0	8	14	1	6	3	14	8	5	2	6	0	18
February - -	6.9	5.9	6.4	4.890	.520	18th	23	0	1	0	3	11	7	3	0	6	6	8	11	7	5	12
March - -	6.0	5.4	5.7	2.580	.450	2nd	16	1	1	0	10	12	2	3	1	33	1	4	8	2	0	10
April - -	7.0	5.5	6.3	2.670	.480	3rd	16	0	3	0	2	11	2	5	6	13	5	3	7	13	4	4
May - -	5.2	4.1	4.7	2.060	1.400	26th	10	0	0	0	10	10	0	12	5	19	2	4	4	8	4	4
June - -	7.8	6.7	7.3	1.950	.470	17th	16	0	1	4	1	14	0	11	5	8	3	5	10	12	2	4
July - -	7.5	6.5	7.0	7.240	1.010	27th	21	0	0	4	3	15	0	6	2	1	2	5	16	15	2	13
August - -	6.1	3.9	5.0	0.810	.280	7th	7	0	0	1	7	9	0	10	2	29	0	7	3	5	2	4
September -	7.9	6.7	7.3	4.330	1.250	14th	19	0	0	0	2	15	0	7	2	3	2	5	9	10	3	19
October - -	6.4	5.8	6.1	4.680	1.440	4th	13	1	1	0	5	12	0	5	14	21	1	1	2	5	1	12
November -	5.9	7.1	6.5	4.720	.710	13th	18	2	0	0	6	13	4	7	0	8	1	2	24	3	3	12
December -	8.3	7.3	7.8	6.830	1.070	29th	21	1	2	0	1	17	0	3	0	6	1	1	16	19	4	12
Year	6.8	5.9	6.3	43.600	—	—	188	5	9	9	58	153	16	78	40	161	32	50	112	105	30	124

CHIGWELL ROW.

Thermometers 5 feet above ground. Rain-gauge 1 foot 8 inches above ground.

[illegible]

* NOTE.—No observations were taken during August, owing to the Observer's absence from home.

MARLBOROUGH, WILTS.

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

[illegible]

STRATHFIELD TURGISS

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

1880.	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. 30.399	31.4	31.1	31.3	26.0	38.0	13.3	26th	54.0	31st	in. 157	in. 154	in. 156	% 83.6	% 85.3	% 84.5	
February - -	29.816	41.1	40.7	40.9	35.2	49.1	21.6	1st	55.1	18th	238	232	235	90.2	90.3	90.3	
March - -	30.119	45.8	42.0	43.9	35.4	55.2	22.3	29th	64.6	30th	245	231	238	79.9	85.2	82.6	
April - -	29.898	49.5	44.5	47.0	39.0	55.5	32.1	26th	65.5	19th	268	249	259	76.0	84.4	80.2	
May - -	30.108	54.8	49.9	52.4	40.5	63.9	28.3	1st	79.1	26th	295	285	290	68.7	78.4	73.6	
June - -	29.933	59.9	55.4	57.7	47.8	67.0	35.0	5th	76.1	30th	397	383	390	77.4	86.4	81.9	
July - -	29.915	63.6	58.9	61.3	51.6	70.7	44.3	5th	79.1	16th	449	442	446	76.9	88.5	82.7	
August - -	30.004	63.3	59.9	61.6	54.2	72.4	43.5	3rd	78.8	28th	467	456	462	80.7	88.4	84.6	
September - -	29.997	60.5	55.8	58.2	50.8	68.6	41.4	20th	85.0	4th	448	416	432	85.3	92.2	88.8	
October - -	.900	47.0	43.8	45.4	38.7	54.0	27.2	24th	66.9	1st	293	269	281	88.0	91.7	89.9	
November - -	.989	42.1	40.7	41.4	34.7	48.8	21.5	22nd	57.1	13th	244	233	239	87.9	87.7	87.8	
December - -	29.953	42.8	42.2	42.5	37.5	48.4	27.0	22nd	54.7	10th	250	241	246	88.5	87.2	87.9	
Year -	30.003	50.2	47.1	48.6	41.0	57.6	—	—	—	—	313	299	306	81.9	87.1	84.5	

RAMSGATE

Long. 1° 25' E. Lat. 51° 20' N. Height above Mean Sea Level, 105 feet.

January	ins. 30.399	33.9	34.2	34.1	29.7	39.2	21.0	28th	54.3	1st	in. 179	in. 182	in. 181	% 89.5	% 90.9	% 90.2
February	29.851	41.1	40.9	41.0	37.1	47.8	29.5	5th	53.6	21st	243	242	243	93.4	94.4	93.9
March	30.135	44.5	43.7	44.1	39.9	50.6	34.8	11th	61.8	5th	267	272	270	90.9	95.1	93.0
April	29.903	49.1	46.5	47.8	42.1	53.7	37.2	29th	62.8	19th	313	300	307	89.3	94.3	91.8
May	30.095	54.1	49.5	51.8	45.0	60.5	40.0	29th	80.0	26th	374	344	359	88.2	95.7	92.0
June	29.921	58.0	55.1	56.6	48.6	63.8	43.0	5th	74.0	28th	438	409	424	90.9	93.8	92.4
July*	—	—	—	—	—	—	47.5	5th	76.1	16th	—	—	—	—	—	—
August	29.993	64.8	61.5	63.2	58.5	69.9	49.1	2nd	76.1	5th	548	513	531	89.8	93.9	91.9
September	30.013	61.6	58.6	60.1	54.5	67.9	44.2	20th	79.2	4th	484	464	474	87.9	92.8	90.4
October	29.887	49.9	48.2	49.1	43.4	54.8	32.5	25th	66.1	5th	338	325	332	91.9	93.8	92.9
November	993	43.5	43.2	43.4	36.8	48.7	27.5	22nd	55.7	13th	269	264	267	93.0	92.5	92.8
December	29.948	43.1	43.3	43.2	37.8	48.4	29.5	26th	54.8	10th	265	259	262	93.6	91.1	92.4
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* NOTE.—The record for July is incomplete, owing to the loss of the observation book, see page 112.

FOLKESTONE

Long. 1° 10' E. Lat. 51° 5' N. Height above Mean Sea Level, 159 feet.

January	ins. 30.398	33.8	34.1	34.0	29.7	39.2	20.3	20th	55.2	31st	in. 180	in. 177	in. 179	% 90.8	% 88.7	% 89.8
February	29.848	40.6	40.8	40.7	36.7	46.4	27.6	5th	52.0	28th	237	238	238	93.2	92.8	93.0
March	30.126	44.6	43.0	43.8	39.5	51.0	31.3	29th	60.7	26th	251	256	254	85.4	91.7	88.6
April	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May	30.084	54.2	47.6	50.9	43.5	59.6	32.8	8th	74.8	26th	312	292	302	73.6	87.9	80.8
June	29.918	57.8	54.4	56.1	49.9	63.0	38.8	5th	74.1	18th	409	381	395	85.2	89.4	87.3
July	929	61.8	58.2	60.0	54.5	67.0	48.0	5th	79.0	16th	462	443	453	83.6	91.1	87.4
August	29.977	64.3	60.3	62.3	56.9	71.3	49.3	2nd	79.7	28th	502	481	492	83.3	91.6	87.5
September	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—Register discontinued after August, owing to the removal of the observer.

STRATHFIELD TURGISS.

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

1880.	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	7.5	6.6	7.1	ins. 0.568	ins. 3.00	16th	4	1	0	0	4	19	0	5	15	10	11	3	3	4	4	7
February	8.1	7.5	7.8	3.668	863	16th	20	0	1	0	1	18	0	1	5	1	8	4	15	10	6	8
March	7.0	5.1	6.1	0.999	401	31st	5	0	0	0	5	12	0	3	14	18	3	1	10	9	1	3
April	7.4	4.2	5.8	1.735	418	14th	13	0	3	2	5	8	0	3	16	8	0	4	5	16	8	0
May	7.2	4.0	5.6	0.646	227	11th	9	0	1	1	5	10	0	6	26	6	1	0	9	9	2	3
June	7.8	7.0	7.4	2.727	336	22nd	19	0	0	5	1	14	0	2	17	1	0	4	15	18	2	1
July	7.8	7.5	7.7	4.902	1095	14th	21	0	1	8	0	12	0	0	2	1	1	8	22	25	3	0
August	8.1	4.4	6.3	1.029	511	25th	9	0	0	1	3	10	0	0	40	2	0	2	8	6	4	0
September	7.8	5.3	6.6	4.626	1546	11th	14	0	0	0	4	10	0	1	5	0	2	6	22	15	3	6
October	8.1	6.5	7.3	4.741	767	26th	18	2	0	0	1	17	0	5	18	8	4	3	7	3	6	8
November	6.8	5.7	6.3	2.212	444	14th	15	2	0	0	5	14	0	7	14	0	1	1	16	14	3	4
December	7.6	5.7	6.7	2.820	563	29th	15	3	1	0	3	13	0	2	5	0	3	1	12	29	8	2
Year	7.6	5.8	6.7	30.673	—	—	162	8	7	17	37	157	0	35	177	55	34	37	144	158	50	42

RAMSGATE.

Thermometers 4 feet above ground. Rain-gauge 7 inches above ground.

January	7.7	5.5	6.6	ins. 0.220	ins. 0.80	22nd	4	1	2	0	4	13	0	3	1	11	1	2	9	4	4	27
February	7.8	5.3	6.6	1.730	630	16th	14	1	0	0	3	9	2	1	6	0	3	8	25	6	2	7
March	6.3	4.8	5.6	0.270	100	2nd	5	0	0	0	9	9	1	1	6	28	1	2	13	3	1	7
April	6.4	6.3	6.4	1.530	570	15th	10	0	0	0	4	10	0	1	12	11	0	12	15	6	0	3
May	6.4	6.3	6.4	0.380	230	31st	5	0	0	1	1	10	0	0	11	25	2	1	13	2	0	8
June	8.1	7.2	7.7	4.320	1005	25th	14	0	0	2	1	16	0	1	13	7	4	6	9	12	0	8
July*	—	—	—	2.350	530	25th	17	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August	7.1	5.9	6.5	2.290	1070	24th	7	0	0	0	1	10	0	2	35	0	0	1	8	1	0	15
September	6.7	5.5	6.1	2.680	780	14th	11	0	0	1	4	12	0	2	1	2	0	20	8	1	0	26
October	8.5	7.3	7.9	9.700	1950	9th	20	0	0	0	2	17	1	0	19	3	0	10	6	6	3	15
November	7.1	5.4	6.3	4.130	1450	18th	15	2	2	0	4	11	5	2	0	4	0	15	10	5	13	11
December	8.5	7.3	7.9	2.070	590	19th	12	0	0	0	0	17	1	0	1	3	1	7	29	12	0	9
Year	—	—	—	31.670	—	—	134	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

* NOTE.—The record for July is incomplete, owing to the loss of the observation book, see page 112.

FOLKESTONE.

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

				ins.	ins.																		
January	-	6.7	5.5	6.1	0.227	0.68	22nd	9	5	0	0	6	15	0	11	4	20	5	7	1	6	7	1
February	-	8.1	6.6	7.4	2.071	.533	16th	19	0	0	0	2	15	3	5	3	0	4	15	14	11	5	1
March	-	6.5	4.1	5.3	0.613	.180	2nd	6	0	0	0	6	6	3	7	31	7	1	2	7	5	1	1
April	-	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
May	-	5.8	4.2	5.0	0.154	.040	28th	7	0	0	0	1	4	3	15	24	6	0	1	7	5	4	0
June	-	8.5	6.2	7.4	2.637	.529	24th	16	0	0	5	0	11	0	11	8	5	0	6	12	14	4	0
July	-	7.2	6.6	6.9	2.630	.410	26th	21	0	0	7	0	12	1	2	4	7	1	11	23	12	2	0
August	-	7.0	4.8	5.9	1.319	.364	24th	8	0	0	4	4	8	0	28	12	5	1	1	5	6	4	0
September	-	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October	-	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
November	-	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
December	-	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year	-	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

SOUTHAMPTON

Long. 1° 24' W. Lat. 50° 55' N. Height above Mean Sea Level, 74 feet.

1880.	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° 392	32° 4	33° 1	32° 8	29° 2	38° 4	18° 0	21st	52° 8	1st	in. ° 174	in. ° 172	in. ° 173	% 91° 7	% 89° 0	% 90° 4	
February - -	29° 820	40° 7	42° 4	41° 6	37° 3	47° 9	25° 9	1st	52° 8	16th	° 240	° 248	° 244	92° 8	90° 8	91° 8	
March - -	30° 103	46° 5	44° 1	45° 3	38° 1	54° 7	26° 6	29th	63° 4	26th	° 244	° 244	° 244	76° 8	83° 7	80° 3	
April - -	29° 889	48° 8	46° 2	47° 5	40° 9	55° 2	34° 7	27th	62° 2	19th	° 267	° 254	° 261	77° 7	80° 7	79° 2	
May - -	30° 089	55° 0	51° 6	53° 3	43° 3	64° 0	33° 7	2nd	78° 1	14th	° 296	° 296	° 296	67° 9	76° 8	72° 4	
June - -	29° 927	58° 5	55° 2	56° 9	49° 3	65° 7	38° 9	10th	73° 7	30th	° 395	° 387	° 391	80° 7	87° 9	84° 3	
July - -	° 917	62° 3	58° 8	60° 6	53° 5	69° 4	47° 0	16th	78° 6	16th	° 443	° 430	° 437	79° 5	86° 8	83° 2	
August - -	29° 995	63° 0	61° 2	62° 1	55° 5	72° 6	47° 1	3rd	79° 1	11th	° 463	° 465	° 464	80° 8	86° 0	83° 4	
September - -	30° 014	60° 1	57° 5	58° 8	52° 9	67° 9	43° 0	30th	80° 7	4th	° 451	° 438	° 445	86° 8	91° 6	89° 2	
October - -	29° 910	47° 3	45° 4	46° 4	40° 8	54° 4	28° 3	21st	66° 4	1st	° 289	° 281	° 285	85° 9	89° 8	87° 9	
November - -	° 999	43° 0	43° 2	43° 1	38° 1	49° 3	22° 3	22nd	56° 7	14th	° 260	° 257	° 259	89° 5	88° 3	88° 9	
December - -	29° 972	44° 1	43° 5	43° 8	38° 9	49° 3	27° 6	26th	55° 4	10th	° 277	° 264	° 271	93° 2	91° 3	92° 3	
Year	30° 002	50° 1	48° 5	49° 3	43° 2	57° 4	—	—	—	—	° 317	° 311	° 314	83° 6	86° 9	85° 3	

ST. LEONARDS

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

January	ins. 30.393	34.4	34.8	34.6	31.5	39.0	23.6	20th	49.9	1st	in. .182	in. .178	in. .180	% 89.1	% 86.4	% 87.8
February	29.852	40.9	41.4	41.2	38.2	45.7	31.4	5th	51.9	28th	.240	.244	.242	93.8	93.0	93.4
March	30.118	45.9	43.3	44.6	40.1	51.5	31.1	29th	61.8	26th	.255	.254	.255	83.1	89.9	86.5
April	29.896	48.7	45.9	47.3	42.5	52.7	37.7	27th	59.1	25th	.278	.266	.272	81.1	85.7	83.4
May	30.084	53.9	49.6	51.8	45.5	60.0	36.8	1st	75.0	15th	.317	.300	.309	75.8	83.7	79.8
June	29.923	58.0	55.0	56.5	51.2	62.0	37.2	5th	73.0	18th	.409	.384	.397	84.8	88.4	86.6
July	.932	61.6	59.3	60.5	55.8	65.8	48.1	31st	75.6	16th	.451	.436	.444	82.5	86.3	84.4
August	29.978	65.2	61.9	63.6	57.7	71.9	51.2	9th	80.5	28th	.484	.470	.477	77.8	84.8	81.3
September	30.003	61.9	59.0	60.5	55.2	66.4	43.4	20th	77.9	4th	.452	.432	.442	81.7	86.5	84.1
October	29.879	48.9	47.8	48.4	43.8	54.7	31.3	21st	66.2	6th	.310	.304	.307	86.5	88.4	87.5
November	.998	44.2	43.8	44.0	39.7	49.1	29.8	21st	54.7	14th	.260	.256	.258	87.6	86.7	87.2
December	29.962	44.2	43.5	43.9	40.0	48.8	30.5	26th	56.0	10th	.272	.264	.268	92.0	91.2	91.6
Year	30.002	50.7	48.8	49.7	45.1	55.6	—	—	—	—	.326	.316	.321	84.7	87.6	86.1

DARTMOOR

Long. 3° 59' W. Lat. 50° 33' N. Height above Mean Sea Level, 1,359 feet.

January	ins. 30.374	32.6	31.9	32.3	27.7	36.5	15.5	27th	50.0	31st	in. *	in. *	in. *	% *	% *	% *
February	29.791	40.0	39.6	39.8	35.6	44.0	29.0	25th	51.0	1st	.239	.234	.237	96.0	95.0	95.5
March	30.087	41.4	39.6	40.5	36.1	46.5	27.0	24th	56.0	30th	.237	.228	.233	91.0	92.6	91.8
April	29.883	42.2	40.6	41.4	37.2	46.9	31.5	27th	52.0	20th	.242	.243	.243	89.5	94.9	92.2
May	30.098	49.3	45.5	47.4	40.2	55.8	32.0	1st	68.0	20th	.267	.266	.267	76.9	86.7	81.8
June	29.949	52.7	49.1	50.9	45.8	57.3	36.0	10th	65.0	29th	.345	.337	.341	86.8	95.9	91.4
July	29.933	56.2	52.5	54.4	49.6	60.7	44.0	14th	69.0	16th	.386	.373	.380	86.1	94.4	90.3
August	30.023	58.3	56.4	57.4	52.5	64.2	48.0	10th	71.0	11th	.428	.420	.424	88.4	91.8	90.1
September	30.017	55.5	52.5	54.0	48.6	60.6	42.0	18th	73.0	3rd	.412	.379	.396	93.0	95.1	94.1
October	29.900	42.8	41.3	42.1	37.4	47.9	27.0	22nd	57.4	5th	.259	.250	.255	91.0	93.4	92.2
November	29.997	39.9	40.0	40.0	35.3	44.3	21.0	21st	51.7	26th	.238	.242	.240	93.0	94.2	93.6
December	30.001	41.7	40.2	41.0	37.2	44.6	27.0	18th	49.4	29th	.256	.243	.250	95.2	95.5	95.4
Year	30.004	46.1	44.1	45.1	40.3	50.8	—	—	—	—	*	*	*	*	*	*

* Wet-bulb not in proper action during part of January.

SOUTHAMPTON.

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

1880.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
	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.	
January -	7.2	5.5	6.4	ins. 0.826	ins. .666	13th	6	4	0	0	6	15	0	4	20	5	14	1	4	7	4	3	
February -	8.2	7.3	7.8	3.538	.765	16th	21	0	1	0	2	17	3	2	5	1	10	6	19	6	5	4	
March -	6.2	4.0	5.1	0.835	.425	31st	6	0	1	0	7	10	2	1	20	12	8	0	13	4	3	1	
April -	7.6	5.6	6.6	1.786	.323	14th	17	0	4	2	2	14	0	2	23	2	3	4	14	5	7	0	
May -	6.2	3.9	5.1	0.386	.206	31st	6	0	0	1	5	7	0	6	27	3	3	1	11	4	7	0	
June -	8.0	6.6	7.3	2.150	.593	22nd	18	0	0	5	1	15	0	3	13	1	4	6	22	5	5	1	
July -	8.2	6.3	7.3	5.249	.632	25th	20	0	2	5	1	15	0	1	4	0	2	4	33	8	8	2	
August -	7.7	3.7	5.7	0.938	.242	5th	8	0	0	3	5	9	1	5	33	1	2	1	6	2	8	4	
September -	8.0	5.6	6.8	5.793	1.845	14th	15	0	0	1	3	12	0	3	8	3	4	3	16	8	8	7	
October -	6.8	5.6	6.2	4.597	.912	26th	17	1	0	1	6	15	2	5	27	6	0	1	4	7	10	2	
November -	7.4	6.4	6.9	2.516	.464	15th	12	2	0	0	5	16	3	4	12	0	2	3	24	6	8	1	
December -	8.2	6.4	7.3	4.218	.810	19th	17	1	1	0	3	18	1	1	7	0	2	2	22	13	14	1	
Year -	7.5	5.6	6.5	32.832	—	—	163	8	9	18	46	163	12	37	199	34	54	32	188	75	87	26	

ST. LEONARDS.

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

January	6.5	5.5	6.0	ins. 0.418	ins. .153	16th	10	2	0	0	8	15	0	9	8	14	9	2	2	7	6	5
February	6.7	5.8	6.3	2.896	.560	7th	24	0	0	0	4	10	7	4	3	1	4	11	14	12	3	6
March	5.1	3.7	4.4	0.675	.286	2nd	5	0	0	0	13	9	2	4	24	12	0	1	8	8	0	5
April	6.2	4.8	5.5	2.235	.472	14th	13	0	3	1	5	9	2	4	18	4	3	3	13	10	3	2
May	5.0	3.5	4.3	0.072	.022	5th	5	0	0	4	8	3	2	13	24	5	2	0	6	6	3	3
June	7.9	6.1	7.0	3.135	.617	22nd	21	0	0	1	1	12	1	12	8	4	2	3	16	13	1	1
July	7.2	6.3	6.8	4.001	1.231	21st	19	0	1	8	0	11	3	2	3	3	3	6	25	16	3	1
August	6.7	5.5	6.1	0.552	.257	7th	8	0	0	3	4	12	1	14	22	4	0	1	5	10	6	0
September	6.9	3.9	5.4	3.907	.821	18th	13	0	0	3	4	6	2	5	6	9	3	4	8	15	6	4
October	7.3	6.2	6.8	8.070	1.526	9th	20	1	0	1	3	13	4	10	10	14	1	4	2	5	14	2
November	6.6	5.9	6.3	4.776	2.188	18th	20	1	2	1	4	12	8	10	7	3	0	4	16	12	8	0
December	8.2	5.8	7.0	4.999	1.360	19th	20	0	1	0	1	12	6	5	1	2	0	6	8	26	12	2
Year	6.7	5.3	6.0	35.736	—	—	178	4	7	22	55	124	38	92	134	75	27	45	123	140	65	31

BABBACOMBE

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

1880.	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.	Date.	Max.	Date.							
January - -	ins. 30° 375	36° 5	36° 8	36° 7	33° 0	41° 7	21° 9	28th	54° 0	31st	in. 195	in. 191	in. 193	87° 5	85° 4	86° 5	
February - -	29° 803	44° 0	43° 3	43° 7	39° 4	50° 1	31° 0	1st	54° 8	18th	264	261	263	91° 3	92° 3	91° 8	
March - -	30° 090	45° 5	44° 8	45° 2	40° 7	50° 0	30° 9	30th	58° 2	4th	267	262	265	87° 5	88° 1	87° 8	
April - -	29° 892	48° 2	45° 8	47° 0	41° 4	53° 8	37° 0	{ 27th 30th }	62° 0	23rd	271	259	265	80° 0	83° 9	82° 0	
May - -	30° 102	53° 3	50° 8	52° 1	44° 8	60° 3	34° 3	1st	75° 1	21st	302	305	304	74° 1	82° 5	78° 3	
June - -	29° 951	58° 0	53° 7	55° 9	50° 0	63° 5	38° 4	10th	72° 7	29th	386	367	377	80° 5	88° 2	84° 4	
July - -	29° 928	63° 0	56° 8	59° 9	53° 4	68° 2	47° 1	31st	75° 0	16th	436	407	422	76° 5	87° 9	82° 2	
August - -	30° 011	61° 5	61° 0	61° 3	56° 6	68° 6	50° 8	9th	76° 6	31st	460	456	458	84° 5	85° 0	84° 8	
September -	30° 001	60° 3	56° 5	58° 4	53° 3	65° 9	43° 7	20th	76° 5	2nd	448	413	431	85° 4	89° 8	87° 6	
October - -	29° 879	49° 0	46° 5	47° 8	42° 2	54° 5	30° 6	25th	65° 5	1st	297	278	288	83° 9	85° 7	84° 8	
November - -	29° 85	45° 3	44° 4	44° 9	40° 4	50° 2	29° 7	22nd	57° 6	12th	269	263	266	86° 6	87° 5	87° 1	
December -	29° 983	45° 1	44° 5	44° 8	41° 0	50° 1	30° 0	{ 18th 26th }	55° 4	10th	279	269	274	91° 0	89° 8	90° 4	
Year -	30° 000	50° 8	48° 7	49° 8	44° 7	56° 4	—	—	—	—	323	311	317	84° 1	87° 2	85° 6	

ST. AUBIN'S, JERSEY

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

		ins.									in.	in.	in.	% 82° 8	% 82° 2	% 82° 5	
January	-	30°398	36°7	37°0	36°9	33°0	41°1	24°7	20th	51°1	3rd	186	185	186	82°8	82°2	82°5
February	-	29°895	44°6	44°3	44°5	40°9	48°8	35°7	2nd	53°7	21st	263	258	261	89°0	88°5	88°8
March	-	30°113	48°7	47°2	48°0	43°8	54°0	37°4	23rd	64°3	11th	279	276	278	81°4	85°2	83°3
April	-	29°926	49°8	46°6	48°2	43°5	54°3	39°0	6th	59°3	16th	287	274	281	80°2	86°0	83°1
May	-	30°099	55°4	50°9	53°2	46°5	60°4	40°2	8th	75°5	26th	311	296	304	70°6	79°0	74°8
June	-	29°983	58°0	54°7	56°4	51°4	62°8	44°3	10th	72°3	29th	395	379	387	82°1	88°4	85°3
July	-	30°002	63°8	59°0	61°4	56°1	68°9	51°7	5th	77°5	17th	460	437	449	78°3	87°5	82°9
August	-	°013	63°8	61°6	62°7	58°7	68°8	53°2	3rd	75°7	5th	518	492	505	88°1	89°6	88°9
September	-	30°044	62°7	59°5	61°1	56°8	66°8	50°0	20th	79°0	3rd	474	453	464	83°4	88°3	85°9
October	-	29°882	54°4	51°4	52°9	47°3	58°1	37°8	30th	67°8	6th	348	331	340	80°7	84°9	82°8
November	-	30°062	48°0	47°5	47°8	43°9	51°4	32°2	23rd	57°0	{ 10th 14th 27th	282	277	280	82°7	82°4	82°6
December	-	30°080	49°1	48°1	48°6	45°0	51°5	35°9	26th	55°2	{ 10th 14th 27th	306	301	304	86°7	88°2	87°5
Year	-	30°041	52°9	50°7	51°8	47°2	57°2	—	—	—	—	342	330	336	82°2	85°9	84°0

LONDONDERRY

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

		ins.									in.	in.	in.	%	%	%	
January	-	30°246	38°4	39°3	38°9	34°8	42°9	18°6	21st	55°0	1st	213	217	215	87°5	86°7	87°1
February	-	29°572	42°2	42°7	42°5	37°7	48°3	28°5	15th	54°4	4th	240	252	246	88°4	91°1	89°8
March	-	30°014	44°9	43°8	44°4	37°1	52°5	29°0	23rd	61°0	19th 20th	246	251	249	82°6	87°4	85°0
April	-	29°839	48°9	44°0	46°5	38°6	53°1	32°5	9th	62°7	30th	275	255	265	79°6	88°3	84°0
May	-	30°132	52°5	48°3	50°4	42°2	58°5	30°4	8th	68°5	18th	299	286	293	76°0	83°8	79°9
June	-	29°948	58°4	54°2	56°3	47°7	64°7	33°7	10th	76°0	19th	369	365	367	75°1	85°4	80°3
July	-	29°871	58°7	55°4	57°1	50°7	64°5	45°6	21st	74°0	25th	404	392	398	81°7	88°8	85°3
August	-	30°041	63°9	58°9	61°4	53°6	70°3	47°8	2nd	82°0	15th	460	449	455	77°4	89°8	83°6
September	-	29°929	57°8	54°4	56°1	49°0	63°8	40°0	8th	81°2	4th	396	386	391	82°5	90°1	86°3
October	-	30°037	44°2	42°1	43°2	37°1	50°6	26°6	22nd	59°2	1st	252	243	248	85°4	89°0	87°2
November	-	29°811	41°3	42°2	41°8	36°2	47°4	17°6	20th	56°0	13th	237	243	240	87°3	87°1	87°2
December	-	29°841	40°1	40°2	40°2	34°9	44°5	21°5	28th	54°5	5th	229	228	229	87°9	88°4	88°2
Year	-	29°940	49°3	47°1	48°2	41°6	55°1	—	—	—	—	302	297	300	82°6	88°0	85°3

BABBACOMBE.

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

1880.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	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.
January	8.0	7.3	7.7	ins. 1.170	ins. .650	12th	8	4	0	0	5	21	2	9	9	18	6	5	6	6	2	1
February	7.5	7.1	7.3	4.630	.810	15th	23	1	5	0	2	16	7	2	7	0	3	12	19	11	3	1
March	6.7	5.8	6.3	3.180	.750	16th	14	0	1	0	7	14	4	2	15	24	1	2	8	7	2	1
April	7.1	5.9	6.5	1.870	.510	5th	18	1	5	0	3	11	3	5	17	6	0	5	13	9	4	1
May	5.6	3.8	4.7	0.840	.300	26th	8	0	0	2	8	4	0	4	25	4	3	4	9	7	5	1
June	7.4	6.6	7.0	2.290	1.230	22nd	17	0	0	3	2	11	1	11	10	4	3	5	10	9	6	2
July	6.7	5.5	6.1	2.560	.820	25th	22	0	0	3	1	8	0	1	4	5	1	4	24	18	3	2
August	8.1	5.2	6.7	0.310	.080	1st	6	0	0	1	1	9	1	4	27	10	1	1	5	5	8	1
September	7.6	6.1	6.9	3.520	.910	13th	15	0	1	1	1	12	2	2	8	5	2	5	14	12	9	3
October	7.5	6.9	7.2	8.740	2.440	4th	16	1	1	2	5	18	8	8	18	10	1	1	9	9	4	2
November	7.3	6.4	6.9	3.850	.780	25th	15	2	2	0	5	13	6	7	7	5	0	7	23	6	4	1
December	8.2	6.9	7.6	4.560	.890	19th	17	2	0	0	1	15	7	3	2	2	1	2	24	23	5	0
Year	7.3	6.1	6.7	37.520	—	—	179	11	15	12	41	152	41	58	149	93	22	53	164	122	55	16

ST. AUBIN'S, JERSEY.

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

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COLEBROOKE (BROOKBOROUGH)

Long. 7° 22' W. Lat. 54° 21' N. Height above Mean Sea Level, 239 feet.

		Air Temperature.								Tension of Vapour.			Relative Humidity.			
1880.	Mean Pressure.	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.	Date.	Max.	Date.						
January -	ins. 30.253	37° 1	38° 4	37° 8	33° 8	42° 8	12° 8	22nd	53° 9	1st	in. 20.1	in. 21.0	in. 20.6	% 91	% 91	% 91
February -	29.533	40° 5	41° 5	41° 0	36° 4	48° 3	27° 3	11th	54° 4	4th	22.8	24.3	23.6	91	93	92
March -	29.957	41° 6	43° 1	42° 4	36° 4	50° 8	29° 8	22nd 24th	57° 8	30th	23.8	24.6	24.2	91	88	90
April -	29.778	45° 5	44° 2	44° 9	37° 8	53° 2	27° 8	27th	60° 5	28th	26.6	24.8	25.7	88	85	87
May -	30.070	49° 7	49° 1	49° 4	41° 3	59° 2	29° 8	8th	68° 9	18th	30.4	31.1	30.8	86	89	88
June -	29.886	55° 5	54° 9	55° 2	47° 0	63° 4	33° 3	10th	72° 1	18th	38.4	40.0	39.2	87	94	91
July -	30.006	56° 9	56° 2	56° 6	50° 6	64° 0	44° 4	31st	73° 9	17th	40.9	41.6	41.3	89	92	91
August -	29.974	60° 6	60° 4	60° 5	53° 2	69° 9	41° 9	2nd	79.4	11th 28th	45.5	46.0	45.8	86	88	87
September -	29.882	55° 4	53° 6	54° 5	48° 2	63° 8	39° 9	28th	79° 1	4th	39.3	38.3	38.8	90	93	92
October -	29.963	40° 6	39° 7	40° 2	34° 6	50° 8	21° 0	22nd	60° 0	10th	22.7	22.2	22.5	90	91	91
November -	29.797	38° 8	41° 6	40° 2	34° 3	47° 1	15° 8	20th	56° 1	13th	21.7	23.8	22.8	92	91	92
December -	29.867	38° 0	38° 9	38° 5	32° 7	44° 3	18° 8	30th	53° 9	5th 6th	21.0	21.9	21.5	92	93	93
Year -	29.888	46° 7	46° 8	46° 8	40° 5	54° 8	—	—	—	—	29.4	30.0	29.7	89° 4	90° 7	90° 0

MARKREE CASTLE, SLIGO

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

	ins.										in.	in.	in.	% ₁₀	% ₁₀	% ₁₀
January -	30.243	37.3	38.3	37.8	34.0	43.8	17.0	22nd	55.4	1st	207	209	208	89.1	87.6	88.4
February -	29.576	41.7	42.1	41.9	36.8	48.6	27.1	11th	54.5	29th	233	245	239	87.0	90.4	88.7
March -	29.987	44.0	44.0	44.0	37.7	51.9	30.2	30th	58.7	20th	244	249	247	84.4	86.1	85.3
April -	29.837	47.8	44.1	46.0	38.4	53.5	27.6	27th	58.0	19th	267	243	255	80.1	83.9	82.0
May -	30.120	51.6	48.1	49.9	41.9	58.3	30.8	5th	66.8	17th	282	277	280	74.0	82.0	78.0
June -	29.935	57.0	53.4	55.2	47.2	63.1	34.3	9th	72.4	18th	362	345	354	77.1	83.6	80.4
July -	29.859	58.6	55.2	56.9	49.6	64.0	42.3	22nd	71.9	17th	397	385	391	81.0	88.2	84.6
August -	30.016	62.5	59.2	60.9	52.5	70.7	39.8	9th	80.2	11th	468	440	454	82.8	87.4	85.1
September -	29.919	57.6	53.7	55.7	47.7	63.6	38.0	9th	77.2	4th	397	368	383	83.4	88.4	85.9
October -	30.023	44.1	40.3	42.2	34.2	52.1	19.4	22nd	59.2	1st	244	228	236	82.3	89.3	85.8
November -	29.820	41.3	41.8	41.6	35.0	48.4	18.3	19th	57.4	13th	245	243	244	89.8	87.8	88.8
December -	29.867	39.0	39.5	39.3	33.2	45.8	15.8	30th	55.0	5th	224	227	226	89.0	89.7	89.4
Year -	29.934	48.3	46.6	47.5	40.7	55.3	—	—	—	—	298	288	293	83.3	87.0	85.2

DUBLIN

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

		ins.										in.	in.	in.	%	%	%
January	-	30°307	38°7	39°6	39°2	36°0	43°3	20°1	22nd	56°6	1st	204	210	207	83°6	84°0	83°8
February	-	29°647	44°2	44°5	44°4	40°3	49°7	32°1	11th	57°8	4th	242	248	245	83°3	84°2	83°8
March	-	30°042	44°6	45°0	44°8	40°0	50°7	30°9	28th	58°4	30th	249	259	254	84°3	86°4	85°4
April	-	29°861	48°4	46°4	47°4	42°2	53°3	37°3	27th	58°6	19th 20th	261	252	257	76°6	79°9	78°3
May	-	30°135	52°3	51°6	52°0	46°0	58°2	38°2	3rd	69°4	19th	283	287	285	72°0	74°6	73°3
June	-	29°949	57°2	56°1	56°7	51°1	63°1	40°8	5th	69°2	29th	364	369	367	76°7	80°7	78°7
July	-	29°870	59°2	57°5	58°4	53°5	64°3	47°2	31st	68°7	27th 28th	409	412	411	81°2	86°9	84°1
August	-	30°047	61°5	60°5	61°0	56°1	66°8	49°0	20th	73°4	10th	460	461	461	84°3	87°6	86°0
September	-	29°958	58°1	57°3	57°7	53°4	63°7	45°3	19th	74°8	4th	411	413	412	84°1	86°8	85°5
October	-	29°985	45°1	44°7	44°9	40°5	50°3	28°2	20th	61°8	1st	256	257	257	84°3	85°5	84°9
November	-	29°880	43°8	44°4	44°1	39°4	49°2	28°8	18th	59°3	13th	248	253	251	84°3	83°2	83°8
December	-	29°891	42°5	42°6	42°6	38°4	46°3	28°8	26th	55°5	6th	243	247	245	86°8	87°5	87°2
Year	-	29°964	49°6	49°2	49°4	44°7	54°9	—	—	—	—	303	306	304	81°8	83°9	82°9

COLEBROOKE (BROOKBOROUGH).

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

1880.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	8.4	8.7	8.6	ins. 1.865	ins. 1.525	15th	9	1	0	0	2	23	3	1	6	4	11	10	10	1	1	18
February -	8.5	7.9	8.2	3.483	5.530	19th	18	1	0	0	0	17	5	0	3	3	5	8	14	3	2	20
March -	7.8	6.5	7.2	2.809	4.78	1st	12	1	0	0	1	14	5	0	14	7	0	1	9	2	0	29
April -	7.5	6.2	6.9	4.488	7.82	21st	20	0	0	0	1	13	2	5	11	1	3	4	7	9	7	13
May -	8.3	6.7	7.5	1.300	4.25	23rd	11	0	1	1	0	13	4	5	18	2	1	2	13	8	4	9
June -	7.9	7.9	7.9	3.759	5.75	20th	17	0	2	4	0	18	8	6	13	3	2	0	8	8	4	16
July -	9.3	8.5	8.9	4.329	7.20	27th	24	0	0	5	0	25	1	5	8	3	1	1	4	12	10	18
August -	7.3	7.3	7.3	2.009	1.142	4th	6	0	0	2	1	16	0	3	20	3	1	2	8	5	2	18
September -	8.1	7.1	7.6	3.362	9.52	17th	13	0	0	1	1	16	3	1	3	3	7	7	14	2	4	19
October -	7.0	5.7	6.4	0.871	3.10	27th	7	0	0	0	7	15	5	8	13	0	1	0	7	2	7	24
November -	8.3	7.4	7.9	5.733	1.310	13th	19	2	0	0	3	20	10	4	3	4	3	8	19	2	6	11
December -	8.1	7.6	7.9	3.803	6.05	22nd	22	4	0	0	1	18	4	3	3	1	3	7	15	7	8	15
Year -	8.0	7.3	7.7	37.811	—	—	178	9	3	13	17	208	50	41	115	34	38	50	128	61	55	210

MARKREE CASTLE, SLIGO.

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

January	-	8.0	8.1	8.1	ins. 1.216	ins. 2.43	17th	11	1	0	0	2	21	0	1	2	15	15	8	3	1	15	
February	-	8.8	7.6	8.2	2.484	3.345	16th	24	0	2	0	1	19	1	3	1	1	6	9	6	4	19	
March	-	8.2	6.5	7.4	1.780	3.379	1st	17	2	3	0	1	16	0	0	0	9	19	3	5	5	3	18
April	-	8.1	5.8	7.0	2.761	4.423	20th	21	0	2	0	2	11	0	10	4	2	4	3	6	7	5	19
May	-	8.2	6.1	7.2	2.076	8.824	27th	16	0	2	1	1	14	0	7	3	9	3	2	6	3	6	23
June	-	7.8	6.3	7.1	4.216	11.125	12th	17	0	0	4	0	13	0	7	3	3	4	2	3	2	5	31
July	-	8.6	8.4	8.5	4.946	7.734	26th	21	0	0	5	0	18	0	7	3	2	1	3	2	1	10	33
August	-	7.9	7.5	7.7	1.425	4.451	4th	12	0	0	2	1	18	0	3	7	1	8	7	4	0	4	28
September	-	8.0	6.8	7.4	2.284	3.327	12th	17	0	0	0	1	14	0	4	1	1	8	10	5	4	3	24
October	-	6.2	5.1	5.7	0.572	1.130	18th	8	0	1	0	5	9	0	5	11	4	0	2	0	3	3	34
November	-	8.0	7.5	7.8	4.576	8.860	12th	23	2	0	0	4	18	0	1	3	1	6	3	15	6	3	22
December	-	8.6	8.2	8.4	3.092	4.475	13th	24	3	2	0	0	18	0	1	1	0	4	3	12	10	10	21
Year	-	8.0	7.0	7.5	31.428	—	—	211	8	12	12	18	189	1	49	39	35	78	62	75	50	57	287

BIRR CASTLE, PARSONSTOWN

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

At 32° F

1880.	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.	Date.	Max.	Date.							
	ins.											in.	in.	in.	%	%	%
30088/ January -	30.293	37.6	38.0	37.8	34.1	43.8	19.0	22nd	56.5	1st	20.6	21.0	20.8	87.6	88.7	88.2	
29448/ February -	29.647	41.9	42.1	42.0	37.3	49.8	29.0	11th	57.8	4th	24.1	24.5	24.3	90.2	90.7	90.5	
821/ March -	30.021	45.3	43.7	44.5	39.0	53.8	28.7	22nd	60.8	28th	25.1	24.8	25.0	82.8	86.6	84.7	
674/ April -	29.873	47.4	43.6	45.5	38.1	54.4	29.5	27th	59.8	19th	26.2	24.5	25.4	80.0	86.4	83.2	
942/ May -	30.141	52.6	49.0	50.8	43.2	60.2	32.5	9th	72.2	20th	28.2	27.9	28.1	71.0	80.0	75.5	
758/ June -	29.954	57.9	54.5	56.2	49.3	64.8	37.8	11th	75.2	18th	36.3	35.7	36.0	74.8	82.8	78.8	
689/ July -	29.883	58.6	56.4	57.5	52.2	65.7	41.0	30th	75.0	17th	40.7	39.6	40.2	82.5	86.8	84.7	
843/ August -	30.036	62.3	59.5	60.9	55.1	70.6	45.4	9th	79.6	15th	46.9	44.4	45.7	83.4	86.8	85.1	
764/ September -	29.959	58.5	55.1	56.8	51.3	64.9	42.8	9th	78.6	4th	41.6	39.4	40.5	83.8	89.8	86.8	
807/ October -	30.009	41.1	40.1	40.6	34.3	51.6	21.6	21st	62.3	1st	24.3	23.1	23.7	92.0	91.1	91.6	
684/ November -	29.884	41.6	42.2	41.9	36.4	49.2	21.9	19th	58.0	13th	24.7	25.5	25.1	90.3	90.5	90.4	
29718/ December -	29.920	39.7	40.3	40.0	35.1	45.7	20.9	30th	55.3	6th	23.9	24.4	24.2	93.4	93.2	93.3	
Year -	29.968	48.7	47.0	47.9	42.1	56.2	—	—	—	—	30.2	29.6	29.9	84.3	87.8	86.1	

29770

BIRR CASTLE, PARSONSTOWN.

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

1880.	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 - -	7.3	6.9	7.1	ins. 0.984	ins. .377	28th	9	0	0	0	5	18	1	0	1	2	24	13	8	1	1	12	
February - -	7.3	7.9	7.6	2.691	.372	11th	24	0	2	0	3	16	3	1	1	0	7	20	10	10	2	7	
March - -	6.7	5.1	5.9	3.550	.968	2nd	14	1	0	1	8	11	5	0	1	4	22	9	7	7	2	10	
April - -	7.5	4.7	6.1	4.063	.703	21st	22	0	4	0	6	13	5	6	3	4	2	7	12	10	7	9	
May - -	6.3	4.9	5.6	1.388	.426	23rd	11	0	1	0	6	10	0	10	9	5	3	2	11	9	6	7	
June - -	7.2	7.7	7.5	2.538	.480	25th	19	0	0	2	1	15	0	7	5	5	6	5	11	6	8	7	
July - -	9.1	6.7	7.9	7.339	1.030	17th	25	0	0	1	1	20	0	5	4	0	3	7	10	13	9	11	
August - -	7.6	4.9	6.3	1.695	.705	7th	10	0	0	1	4	12	0	10	8	1	7	6	9	3	3	15	
September - -	7.6	5.9	6.8	2.086	.380	10th	18	0	0	0	1	11	3	4	1	2	5	14	13	2	2	17	
October - -	6.3	5.2	5.8	2.528	.836	26th	12	1	1	0	7	11	4	16	10	2	2	1	6	0	4	21	
November - -	7.1	6.5	6.8	3.587	.512	13th	19	1	0	0	2	13	2	2	3	4	6	10	14	5	3	13	
December - -	7.5	6.4	7.0	3.056	.486	14th	23	5	1	0	3	13	2	6	1	0	4	13	14	9	2	13	
Year - -	7.3	6.1	6.7	35.505	—	—	206	8	9	5	47	163	25	67	47	29	91	107	125	75	49	142	

PART III.—ANNUAL SUMMARY OF OBSERVATIONS taken at 9 a.m. and 9 p.m.

1880

Stations.				Air Temperature.										Tension of Vapour.			Relative Humidity.		
Name.	Height above Mean Sea Level.	Long.	Lat.	Mean Pressure.	Means of			Absolute Min. and Max.			Date.	Max.	Date.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.									
Sandwich	94	3 13 W.	59 2 N.	29.852	46.9	45.3	46.1	42.2	50.9	20.3	Dec. 29th	70.8	Aug. 12th	in.	in.	in.	84.1	86.8	85.5
Dunrobin Castle	12	3 59 W.	57 57 N.	.887	46.9	45.7	46.3	41.0	52.5	18.3	{Dec. 27th {Dec. 28th}	75.3	Aug. 10th	300	288	294	86.7	89.8	88.3
Braemar	1,111	3 24 W.	57 0 N.	.892	43.1	42.2	42.7	36.6	51.3	-0.5	Dec. 27th	75.5	Aug. 28th	243	246	244	83.4	87.0	85.2
Laudale	14	5 41 W.	56 41 N.	.894	—	—	—	—	—	21.1	Nov. 20th	78.9	Aug. 12th	—	—	—	—	—	—
Dundee	160	2 56 W.	56 28 N.	29.911	46.9	44.7	45.8	40.8	53.2	17.2	Nov. 21st	76.8	{Aug. 10 {Aug. 11}	273	267	270	81.0	85.9	83.5
Glenalmond	529	3 40 W.	56 27 N.	—	—	—	—	38.5	52.6	12.0	Nov. 23rd	76.5	Sept. 5th	—	—	—	—	—	—
Rothsay	115	5 4 W.	55 50 N.	29.932	48.5	46.4	47.4	41.4	54.8	22.2	Nov. 20th	79.1	Aug. 14th	296	288	292	83.8	87.2	85.0
Pinnore	187	4 59 W.	55 14 N.	—	—	—	—	—	—	15.5†	Nov. 20th	80.9	Aug. 13th	—	—	—	—	—	—
Sealeby	111	2 52 W.	54 58 N.	29.931	47.3	45.7	46.5	40.1	54.1	16.0	{Jan. 20th {Nov. 20th}	80.7	Sept. 4th	295	288	292	85.8	89.2	87.5
Seaham	58	1 19 W.	54 50 N.	.932	48.7	46.2	47.5	41.7	52.8	22.8	Jan. 27th	78.7	Sept. 3rd	293	287	290	82.7	88.8	85.8
Durham†	336	1 35 W.	54 46 N.	.933	49.2	43.9	46.6	39.3	54.2	13.5	Nov. 21st	80.5	Sept. 3rd	300	278	289	82.2	91.9	87.1
Douglas	137	4 29 W.	54 10 N.	.941	49.4	47.4	48.4	42.9	53.8	23.0	Jan. 21st	77.5	Aug. 14th	306	302	304	84.4	89.2	86.8
York	51	1 5 W.	53 57 N.	29.962	47.5	46.8	47.2	41.1	55.0	19.0	Nov. 21st	80.5	Sept. 4th	291	292	292	85.4	87.8	86.6
Hull	14	0 20 W.	53 45 N.	—	—	—	—	—	—	23.7	Jan. 29th	81.8	Sept. 3rd	—	—	—	—	—	—
Wakefield	96	1 30 W.	53 41 N.	29.968	48.1	47.2	47.6	41.7	54.9	15.9	Jan. 28th	82.8	Sept. 4th	293	295	294	83.4	86.6	85.0
Kelstern	388	0 7 W.	53 24 N.	.975	47.1	44.8	46.0	40.5	53.3	16.9	Jan. 29th	81.3	Sept. 4th	295	287	291	87.0	91.8	89.4
Llandudno	88	3 50 W.	53 21 N.	29.959	50.1	49.2	49.7	44.8	54.8	24.2	Jan. 21st	81.8	Sept. 4th	305	307	306	81.2	84.4	82.8
Buxton	987	1 54 W.	53 14 N.	—	45.0	44.5	44.8	37.7	53.4	12.1	Jan. 28th	80.1	Sept. 4th	280	282	281	89.1	91.3	90.2
Cheadle	646	1 57 W.	52 58 N.	29.976	45.9	45.5	45.7	40.6	53.2	15.6	Jan. 29th	80.9	Sept. 4th	281	280	280	87.1	88.5	87.8
Hillington	88	0 33 E.	52 48 N.	.969	49.4	45.7	47.6	40.8	56.1	17.9	Jan. 27th	85.1	Sept. 4th	313	296	305	84.4	91.3	87.9
Leicester	237	1 8 W.	52 39 N.	.973	48.3	48.1	48.2	42.1	55.4	13.3	Nov. 22nd	84.4	Sept. 4th	291	294	292	83.0	84.6	83.8
Uppingham	484	0 44 W.	52 35 N.	.978	47.4	45.5	46.5	41.2	54.9	16.6	Jan. 29th	83.4	Sept. 4th	304	293	299	87.9	90.7	89.3
Oscott	460	1 51 W.	52 33 N.	.979	47.0	46.3	46.7	41.3	54.8	17.4	Nov. 22nd	85.1	Sept. 4th	293	291	292	86.4	88.1	87.3
Churchstoke	548	3 5 W.	52 31 N.	.997	46.7	46.0	46.4	40.0	54.2	13.2	Jan. 20th	81.0	Sept. 3rd	282	282	282	83.8	86.3	85.1
Geldeston	37	1 31 E.	52 28 N.	29.979	49.5	47.0	48.3	42.3	55.5	18.1	Jan. 28th	82.8	Sept. 4th	308	301	305	83.0	88.8	85.9
Cheltenham	184	2 3 W.	51 54 N.	—	48.8	47.1	48.0	40.6	55.9	10.0	Jan. 20th	83.5	Sept. 4th	305	297	301	84.3	87.2	85.8
St. David's	188	5 16 W.	51 53 N.	29.973	50.4	48.9	49.7	44.3	54.4	23.3	Jan. 20th	77.0	Sept. 4th	325	323	324	85.4	89.4	87.4
Carmarthen	188	4 18 W.	51 52 N.	29.977	50.4	47.9	49.2	42.9	56.6	15.7	Jan. 22nd	83.0	Sept. 4th	316	312	314	83.2	89.8	86.5
Chigwell Row	186	0 6 E.	51 37 N.	—	—	—	—	—	—	19.4	Jan. 27th	87.0	Sept. 4th	—	—	—	—	—	—
Marlborough	471	1 43 W.	51 25 N.	30.004	48.1	46.3	47.2	41.2	56.4	8.6	Jan. 28th	84.5	Sept. 4th	299	292	296	85.1	88.3	86.7
Strathfield Turgiss	195	1 0 W.	51 20 N.	30.003	50.2	47.1	48.6	41.0	57.6	13.3	Jan. 26th	85.0	Sept. 4th	313	299	306	81.9	87.1	84.5
Ramsgate	105	1 25 E.	51 20 N.	—	—	—	—	—	—	21.0	Jan. 28th	80.0	May 26th	—	—	—	—	—	—
Folkestone	159	1 10 E.	51 5 N.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Southampton	74	1 24 W.	50 55 N.	30.002	50.1	48.5	49.3	43.2	57.4	18.0	Jan. 21st	80.7	Sept. 4th	317	311	314	83.6	86.9	85.3
St. Leonards	116	0 33 E.	50 51 N.	.002	50.7	48.8	49.7	45.1	55.6	23.6	Jan. 20th	80.5	Aug. 28th	326	316	321	84.7	87.6	86.1
Dartmoor	1,359	3 59 W.	50 33 N.	.004	46.1	44.1	45.1	40.3	50.8	15.5	Jan. 27th	73.0	{Sept. 3 {Sept. 4}	—	—	—	—	—	—
Babbacombe	293	3 31 W.	50 29 N.	.000	50.8	48.7	49.8	44.7	56.4	21.9	Jan. 28th	76.6	Aug. 31st	323	311	317	84.1	87.2	85.6
St. Aubin's	139	2 10 W.	49 11 N.	30.041	52.9	50.7	51.8	47.2	57.2	24.7	Jan. 20th	79.0	Sept. 3rd	342	330	336	82.2	85.9	84.0
Londonderry	93	7 19 W.	55 0 N.	29.940	49.3	47.1	48.2	41.6	55.1	17.6	Nov. 20th	82.0	Aug. 15th	302	297	300	82.6	88.0	85.3
Brookborough	239	7 22 W.	54 21 N.	.888	46.7	46.8	46.8	40.5	54.8	12.8	Jan. 22nd	79.4	{Aug. 11 {Aug. 28}	294	300	297	89.4	90.7	90.0
Markree Castle	131	8 27 W.	54 11 N.	.934	48.3	46.6	47.5	40.7	55.3	15.8	Dec. 30th	80.2	Aug. 11th	298	288	293	83.3	87.0	85.2
Dublin	51	6 15 W.	53 20 N.	.964	49.6	49.2	49.4	44.7	54.9	20.1	Jan. 22nd	74.8	Sept. 4th	303	306	304	81.8	83.9	82.9
Birr Castle, Parsons-town.	182	7 55 W.	53 6 N.	29.968	48.7	47.0	47.9	42.1	56.2	19.0	Jan. 22nd	79.6	Aug. 15th	302	296	299	84.3	87.8	86.1

† Probabl.

‡ 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.

1880.

Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								Stations.	
9 a.m.	9 p.m.	Mean.	Total.	Max.	Date.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.		Calm.
6.7	6.6	6.7	ins. 36.710	ins. 1.250	March 12th { Oct. 2nd } { Dec. 23rd }	218	23	20	6	46	159	73	72	46	37	99	111	68	114	107	78	Sandwich.
*	*	*	28.630	1.010		172	23	0	1	*	*	5	65	111	104	58	25	112	131	126	0	Dunrobin.
6.0	6.0	6.0	30.580	1.030	Nov. 26th	184	44	0	8	32	62	19	62	115	79	47	61	216	79	73	0	Braemar.
6.4	6.4	6.4	67.820	2.740	Jan. 29th	210	50	13	5	50	157	25	51	13	109	67	82	120	65	54	171	Laudale.
8.0	8.1	8.1	23.500	.900	{ Mar. 12th } { Sept. 14th }	116	28	9	11	9	228	51	14	97	59	122	19	116	171	134	1	Dundee.
—	—	—	29.818	.913	March 12th	162	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Glenalmond.
*	*	*	38.314	1.180	Aug. 4th	194	13	5	10	*	*	13	18	94	103	54	56	106	100	123	78	Rothsay.
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Pinnore.
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Sealeby.
6.5	6.0	6.3	29.270	1.310	July 13th	183	14	2	5	55	155	41	41	77	119	16	12	201	76	14	176	Seaham.
6.3	5.4	5.8	27.804	1.260	Oct. 27th	164	23	12	18	49	100	9	65	70	29	36	77	133	125	43	154	Durham.†
7.1	5.8	6.5	31.775	1.548	Oct. 27th	164	24	11	13	45	158	2	53	129	25	34	139	144	77	94	37	Douglas.
7.1	6.4	6.7	37.513	2.010	Oct. 27th	187	11	16	11	23	145	35	44	76	111	43	53	98	110	85	112	York.
6.6	5.6	6.1	30.930	1.500	Oct. 27th	179	17	6	17	42	129	8	122	70	75	24	137	71	175	50	8	Hull.
—	—	—	—	1.700	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Wakefield.
7.5	6.5	7.0	37.220	2.180	Oct. 27th	166	10	0	13	17	146	10	102	72	82	51	57	118	196	53	1	Kelstern.
6.9	5.8	6.4	37.215	1.865	Sept. 14th	180	24	2	27	42	126	8	50	122	64	49	59	149	124	93	22	Llandudno.
6.4	5.4	5.9	35.571	2.230	Oct. 27th	154	8	9	17	69	131	31	66	39	134	65	48	88	246	46	0	Buxton.
7.5	6.2	6.9	57.232	2.380	Oct. 27th	163	31	8	21	19	136	0	13	72	131	37	6	38	180	220	35	Cheadle.
7.1	5.9	6.5	37.370	2.330	Aug. 7th	179	19	9	32	34	139	68	56	85	129	35	53	112	83	103	76	Hillington.
7.9	7.2	7.6	31.701	1.240	Sept. 11th	207	19	12	39	19	192	10	24	146	54	87	38	191	74	112	6	Leicester.
8.1	6.3	7.2	35.140	1.440	Oct. 4th	193	10	2	21	31	187	4	19	170	23	43	33	255	49	59	81	Uppingham.
7.8	6.3	7.1	33.012	1.207	July 13th	192	25	7	29	28	182	27	66	118	41	30	68	143	123	65	78	Oscott.
8.2	6.4	7.3	29.790	1.340	Oct. 27th	170	27	9	22	23	197	33	84	148	51	23	101	155	79	61	30	Churchstoke.
7.3	6.2	6.8	33.613	1.842	Oct. 27th	164	19	5	13	19	137	3	41	79	84	66	44	114	129	106	69	Geldeston.
7.2	5.5	6.4	24.380	1.520	Sept. 14th	181	14	17	32	51	149	16	60	123	86	31	41	136	154	59	42	Cheltenham.
7.4	5.7	6.6	33.720	1.680	Oct. 4th	177	13	8	19	30	127	2	64	59	52	36	91	70	130	50	180	St. David's.
6.8	5.8	6.3	35.629	1.176	July 17th	179	1	9	14	26	121	30	56	121	109	84	47	142	103	52	18	Carmarthen.
6.8	5.9	6.3	43.600	1.440	Oct. 4th	188	5	9	9	58	153	16	78	40	161	32	50	112	105	30	124	Chigwell Row.
—	—	—	—	1.600	Sept. 11th	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Marlborough.
7.7	5.6	6.7	33.254	1.210	Oct. 4th	182	16	6	13	35	155	0	35	68	62	13	35	79	106	38	296	Strathfield Turgins.
7.6	5.8	6.7	30.673	1.546	Sept. 11th	162	8	7	17	37	157	0	35	177	55	34	37	144	158	50	42	Ramsgate.
—	—	—	31.670	1.950	Oct. 9th	134	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Folkestone.
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Southampton.
7.5	5.6	6.5	32.832	1.845	Sept. 14th	163	8	9	18	46	163	12	37	109	34	54	32	188	75	87	26	St. Leonards.
6.7	5.3	6.0	35.736	2.188	Nov. 18th	178	4	7	22	55	124	38	92	134	75	27	45	123	140	65	31	Dartmoor.
8.0	7.4	7.7	75.850	2.330	March 2nd	192	16	14	7	33	215	9	34	80	149	48	28	136	134	74	49	Babbacombe.
7.3	6.1	6.7	37.520	2.440	Oct. 4th	179	11	15	12	41	152	41	58	149	93	22	53	164	122	55	16	St. Aubin's.
7.1	5.6	6.4	39.167	1.940	Oct. 9th	194	0	9	11	46	141	24	39	153	96	47	56	108	123	42	68	Londonderry.
7.5	6.4	7.0	35.805	1.430	Nov. 13th	228	14	12	5	21	145	2	27	98	57	51	90	148	124	49	88	Brookborough.
8.0	7.3	7.7	37.811	1.310	Nov. 13th	178	9	3	13	17	208	50	41	115	34	38	50	128	61	55	210	Markree Castle.
8.0	7.0	7.5	31.428	1.125	June 12th	211	8	12	12	18	189	1	49	39	35	78	62	75	50	57	287	Dublin.
6.5	5.7	6.1	34.512	2.736	Oct. 27th	188	19	27	15	33	108	17	41	54	95	56	45	99	201	72	69	Birr Castle, Parsons-town.
7.3	6.1	6.7	35.595	1.030	July 17th	206	8	9	5	47	163	25	67	47	29	91	107	125	75	49	142	

Observations at Durham were taken at 10 a.m. and 10 p.m. each day.

PART IV.

TABLE showing the NUMBER of HOURS of BRIGHT SUNSHINE at those STATIONS supplied with SUNSHINE RECORDERS during 1880, together with the PERCENTAGE of its possible DURATION.

1880.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		1880.
	Duration.	%	Duration.	%	Duration.	%	Duration.	%	Duration.	%	Duration.	%	Duration.	%	Duration.	%	Duration.	%	Duration.	%	Duration.	%	Duration.	%	
Sandwich	-	-	53	20	142	40	162	37	208	40	238	43	136	26	154	32	128	33	98	31	43	19	13	7	Sandwich.
Durham	-	-	-	-	-	-	-	-	-	-	140	28	118	24	139	31	143	39	74	23	71	29	55	25	Durham.
Douglas	-	-	-	-	-	-	200	48	244	49	204	41	180	36	194	43	144	39	115	36	76	30	51	23	Douglas.
York	-	-	-	-	-	-	-	-	187	37	140	28	100	20	219	48	-	-	-	-	-	-	45	20	York.
Kelstern	-	-	-	-	-	-	138	33	193	41	156	31	118	24	155	34	168	45	85	26	66	26	46	20	Kelstern.
Llandudno	-	-	-	-	167	45	177	42	233	49	155	31	140	28	203	45	100	27	59	18	54	21	28	12	Llandudno.
Hillington	-	-	-	-	-	-	135	32	212	45	166	33	152	30	136	30	131	33	48	15	41	16	40	18	Hillington.
Leicester	-	-	-	-	-	-	-	-	-	-	-	-	141	28	128	28	132	36	51	16	47	18	29	13	Leicester.
Churchstoke	-	-	-	-	-	-	127	30	197	41	140	28	174	35	147	32	114	31	71	22	65	25	39	17	Churchstoke.
Geldeston	-	-	-	-	-	-	-	-	-	-	-	-	-	-	171	38	156	42	77	24	87	34	52	22	Geldeston.
St. David's*	-	-	91	32	121	33	180	43	247	52	183	37	257	51	229	50	133	36	112	35	80	31	36	15	St. David's.
Southampton	-	-	-	-	-	-	-	-	247	52	162	32	199	40	189	43	140	38	84	26	-	-	-	-	Southampton.
St. Aubin's	-	-	-	-	-	-	181	43	283	59	161	34	248	52	166	38	141	38	136	38	74	27	31	12	St. Aubin's.
Markree Castle	-	-	-	-	-	-	179	43	206	41	206	41	144	29	156	34	118	32	118	37	58	23	36	16	Markree Castle.
Dublin†	-	-	-	-	-	-	190	46	226	47	156	31	154	31	199	44	134	36	117	36	76	30	56	25	Dublin.
Parsonstown	-	-	-	-	-	-	166	40	212	45	166	33	157	31	168	37	117	32	120	37	62	24	51	22	Parsonstown.

SELF-RECORDING OBSERVATORIES.

Valencia	-	51	20	62	22	135	36	202	48	237	50	207	41	217	43	185	41	113	31	166	51	64	25	35	15	Valencia.
Armagh	-	30	12	76	27	117	32	181	43	222	44	164	33	140	28	172	38	125	34	105	33	58	23	53	24	Armagh.
Glasgow	-	-	-	-	-	-	-	139	33	187	37	205	39	162	31	141	31	99	27	98	31	32	13	22	11	Glasgow.
Aberdeen	-	-	-	-	-	-	-	135	32	211	42	186	35	160	30	138	30	150	41	98	31	84	36	45	24	Aberdeen.
Falmouth	-	-	-	-	-	-	-	180	43	269	56	170	36	228	48	190	44	114	31	96	30	78	30	-	-	Falmouth.
Stonyhurst	-	-	-	-	-	-	-	159	38	246	49	146	29	148	30	203	45	118	32	91	28	77	31	40	18	Stonyhurst.
Kew	-	47	18	67	23	142	38	127	30	194	41	153	31	191	38	138	32	141	38	68	21	67	25	32	13	Kew.

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

† The Sunshine Recorder at Dublin was set up at the Ordnance Survey Office in Phoenix Park.