

PART IV.
TABLE showing the NUMBER of HOURS of BRIGHT SUNSHINE at those STATIONS supplied with SUNSHINE RECORDERS, together with the PERCENTAGE of its possible DURATION.

1884.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		1884.
	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	
Sandwich.	13	6	57	22	103	29	154	35	152	29	138	25	168	32	158	33	88	23	48	15	34	15	8	4	Sandwich.
Durham.	26	11	41	15	83	23	—	—	193	39	—	—	—	—	181	40	107	28	—	—	—	—	—	—	Durham.
Newton Reigny.	22	9	35	13	85	23	129	31	223	44	166	32	131	26	172	37	135	36	75	24	47	19	23	11	Newton Reigny.
Cronkbourne, Isle of Man.	32	13	55	20	81	22	169	41	205	42	212	42	186	37	188	41	153	41	98	31	61	24	35	16	Cronkbourne, Isle of Man.
York.	24	10	34	12	87	24	126	30	210	43	175	35	143	28	193	42	115	31	96	30	34	14	6	3	York.
Stonyhurst.	18	7	42	15	75	21	125	30	214	45	177	35	139	28	192	42	141	38	79	25	60	24	21	9	Stonyhurst.
Llandudno.	—	—	—	—	70	19	162	39	178	37	197	39	138	28	200	44	116	31	65	20	43	17	—	—	Llandudno.
Buxton.	22	9	45	16	73	20	92	22	185	39	192	38	109	24	—	—	—	—	48	15	33	13	8	4	Buxton.
Hillington.	19	8	72	26	98	27	145	35	230	47	209	42	170	34	222	47	136	36	93	29	41	16	14	6	Hillington.
Leicester.	20	8	58	21	85	23	90	22	205	42	140	28	138	28	212	47	104	28	64	20	29	11	9	4	Leicester.
Churchstoke.	24	10	46	16	104	29	121	29	224	46	176	35	152	30	211	47	142	38	93	29	41	16	23	10	Churchstoke.
Geldeston.	43	17	69	24	108	30	145	35	235	49	218	44	193	40	229	51	168	45	102	31	51	20	23	10	Geldeston.
St. David's, Pembroke.*	20	8	41	14	119	33	177	43	205	43	216	44	208	42	221	49	164	44	93	29	47	18	29	12	St. David's, Pembroke.*
Marlborough.	26	10	56	20	85	24	102	25	199	42	154	32	136	28	222	50	128	34	100	31	30	11	19	8	Marlborough.
Southampton.	31	12	52	18	111	30	115	28	215	45	189	39	159	33	245	53	141	38	120	37	45	17	23	10	Southampton.
St. Leonards.	47	18	90	31	130	36	134	33	225	47	180	37	202	41	267	60	139	37	108	33	65	25	27	11	St. Leonards.
St. Aubin's, Jersey.	50	19	86	30	168	46	176	43	266	57	258	54	172	36	258	59	179	48	133	41	86	32	24	10	St. Aubin's, Jersey.
Armagh.	22	9	51	18	64	18	141	34	131	27	105	21	143	28	112	25	115	31	68	21	48	19	17	8	Armagh.
Markree Castle.	22	9	51	18	73	20	153	37	159	32	113	22	139	28	123	27	99	26	65	20	56	22	18	8	Markree Castle.
Dublin.†	36	15	49	17	88	24	180	44	191	39	119	24	142	30	183	40	148	39	107	33	58	23	32	14	Dublin.†
Parsonstown.	24	10	57	20	78	21	169	41	179	37	129	26	150	30	144	32	136	36	75	23	60	24	32	14	Parsonstown.

SELF-RECORDING OBSERVATORIES.

Valencia.	18	7	61	21	89	24	152	37	191	40	178	36	151	31	134	30	120	32	94	29	72	28	18	8	Valencia.
Glasgow.	17	7	38	14	56	15	100	24	142	28	110	21	108	21	111	24	111	30	52	16	33	14	3	1	Glasgow.
Aberdeen.	59	26	60	22	79	22	134	32	169	34	160	30	141	27	182	39	138	37	90	29	47	20	24	12	Aberdeen.
Falmouth.	22	8	51	18	97	27	165	40	217	46	236	49	214	44	217	49	139	37	104	32	45	17	27	11	Falmouth.
Kew.	29	11	54	19	108	29	99	24	208	43	157	32	153	30	227	52	129	36	87	26	43	16	24	10	Kew.

* The values for St. David's, Pembroke, are those obtained from the Sunshine Recorder at St. Ann's Head, the Telegraphic Reporting Station.
† At Dublin the Sunshine Recorder is at the Ordnance Survey Office in the Phoenix Park.

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METEOROLOGICAL OBSERVATIONS

AT

STATIONS OF THE SECOND ORDER

For the Year 1885.

Published by Direction of the Meteorological Council.



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1889.

Price Thirty-one Shillings.

ERRATA.

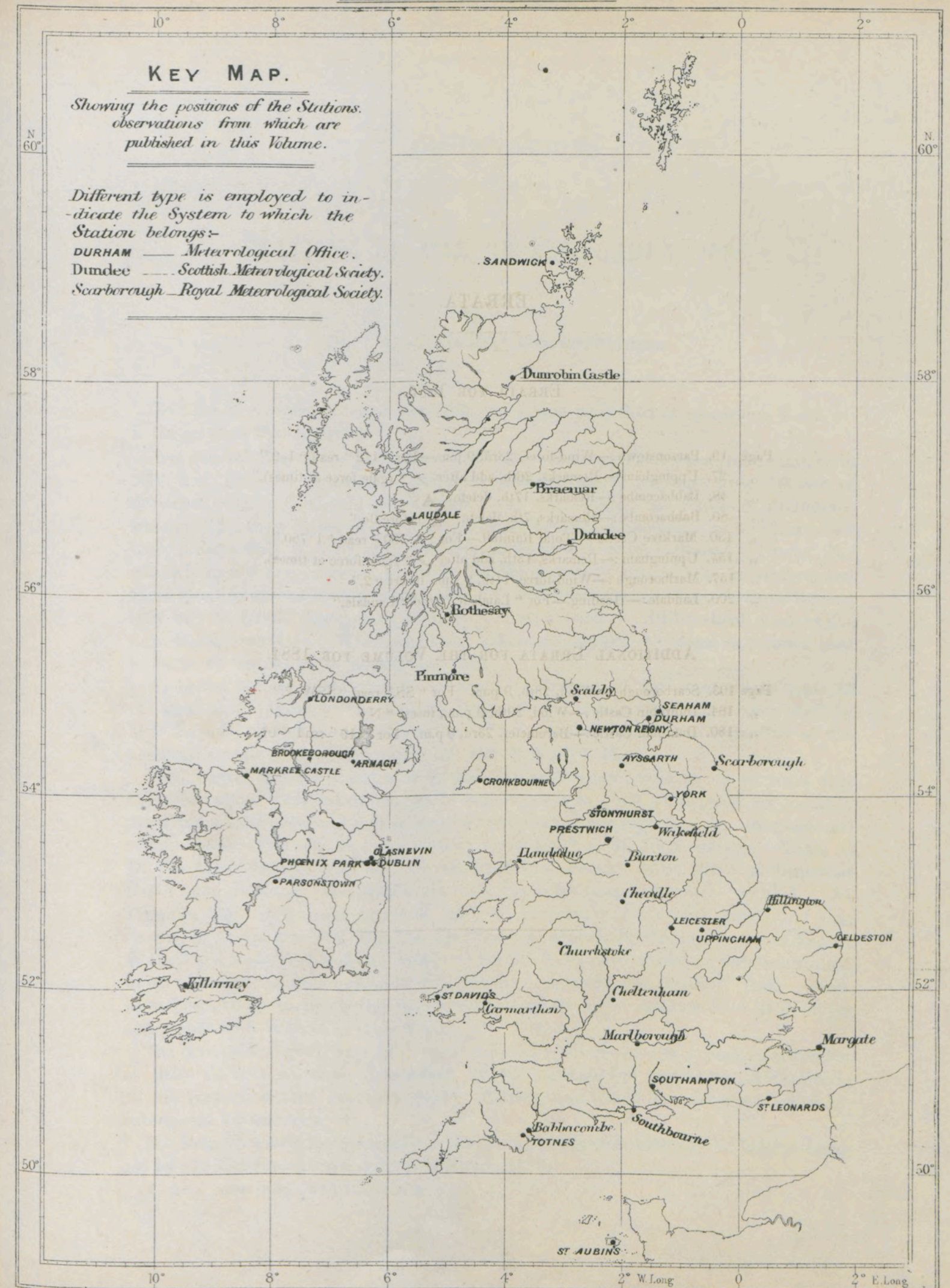
ERRATA FOR 1885.

- Page 19. Parsonstown:—Wind-force, 23rd, 9 p.m.—For “1·2” read “1-2.” ✓
 „ 27. Uppingham:—Remarks, 26th, add after “ (gale force at times).” ✓
 „ 48. Babbacombe:—Remarks, 17th, delete “▲.” ✓
 „ 80. Babbacombe:—Remarks, 7th, delete “▲ before 9a.” ✓
 „ 130. Markree Castle:—Total Rainfall.—For “1·580” read “1·780.” ✓
 „ 155. Uppingham:—Remarks, 13th, add after “ (gale force at times).” ✓
 „ 157. Marlborough:—Wind-force, 11th, 9 a.m., insert “2.” ✓
 „ 200. Laudale:—Heading.—For “Laudade” read “Laudale.” ✓

ADDITIONAL ERRATA FOR THE VOLUME FOR 1884.

- Page 103. Scarborough:—Wind, 28th, 9 p.m. For “SS.” read “SSW. 2.” ✓
 „ 164. Dunrobin Castle:—Wind, 29th, 9 p.m., insert “N.” ✓
 „ 180. Dunrobin Castle:—Barometer, 23rd, 9 p.m. For “19” read “07.” ✓

STATIONS OF THE SECOND ORDER 1885.



OBSERVATIONS

AT

STATIONS OF THE SECOND ORDER, 1885.

Part I.—Detailed Observations.

THE list of stations, observations from which are published *in extenso* on Form A., is the same as that for 1884.

The general plan of the publication is the same as in previous years, including, as in 1883 and 1884, the printing of the individual barometer readings to two places of decimals only. It should be observed that in making the required alterations, whenever the third figure of the reading, as corrected and reduced, was 4 or less it has been disregarded; if 5 or more the second figure has been increased by one. The monthly means are, however, given to the third place of decimals as heretofore, and these monthly means having been obtained from the original readings, to three figures, they will be found occasionally to differ .001 inch from the arithmetical mean of the printed daily readings. When any such difference occurs, the mean, as printed, may be taken as that which is nearest the truth.

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

With regard to these stations, it should be observed also, as in previous years, that the observations were taken originally with a view to their publication as monthly sums and means only, and not *in extenso*, and that in consequence the same amount of minuteness was not in every case insisted upon as at other stations. Thus, at Dundee the barometer was read to hundredths of an inch only, while at Dunrobin Castle and Rothesay the wind-force and the cloud-amount were omitted. At Pinmore also the amount of cloud was not recorded till May 1st, 1885. At this station, as at Braemar and Dundee, the scale for wind-force employed is that known as the Land scale, 0-6, and the entries under this head have therefore been multiplied by two to make them comparable with observations under the Beaufort scale. Steps have been taken to bring the future returns at all these stations into still closer accordance with the rest of the system.

The corrections which have been applied to the readings of the various instruments at these stations are those determined by Mr. Buchan, the Inspector for Scotland, on his inspection tour in the summer of 1883, and which have been confirmed by subsequent comparisons.

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

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

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

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

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

In Relative Humidity, complete saturation is represented by 100.

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

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

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

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

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

Rain - - - - - ☉	Hoar-frost - - - - - ⊥	Solar Corona - - - - - ⊕
Snow - - - - - ❄	Dew - - - - - ∪	Solar Halo - - - - - ○
Thunderstorm - - - - - ⚡	*Silver-thaw ("Rauh-frost," "Duft") ∨	Lunar Corona - - - - - ⊕
Lightning without Thunder, or Sheet Lightning - - - - - ⚡	Glazed Frost ("Glatteis") - - - - - ~	Lunar Halo - - - - - ⊖
Hail - - - - - ⚡	Snow-drift - - - - - ⊕	Rainbow - - - - - (
Soft-Hail ("Graupel") - - - - - Δ	Ice Crystals - - - - - ↗	Aurora - - - - - ✨
Mist, Fog - - - - - ☁	Strong Wind - - - - - ↘	Dust Haze ("Höhenrauch") - - - - - ∞

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

e.g. ☉⁰ slight Rain.

☉² heavy Rain.

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

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

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

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.

* "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."

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

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

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

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

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

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

DUNROBIN CASTLE.

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

JANUARY 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	42°	42°	37°	45°	ins.	ins.	95	89	S	S	—	—	ins.	Mild.
2	30°14	30°01	37°4	41°2	36°6	42°9	182	217	82	85	S	SE	—	—	—	Fresh, with dry wind.
3	29°02	29°06	40°2	45°1	35°1	41°5	108	176	80	82	S	S	—	—	—	☁ showers.
4	76	54	40°2	48°7	35°5	48°7	108	272	80	79	SW	SW	—	—	400	☁ showers.
5	70	91	38°2	31°3	30°5	49°5	210	147	92	84	N	NE	—	—	150	☁ showers.
6	70	85	35°5	33°5	31°3	39°7	195	163	94	85	NW	N	—	—	140	☁ showers.
7	94	63	35°1	42°4	33°5	43°5	183	231	86	86	SW	W	—	—	150	☁ showers.
8	33	33	37°6	34°5	32°5	45°0	205	180	91	90	NW	NW	—	—	—	☁ showers.
9	29°33	29°24	35°1	36°3	33°3	40°3	185	164	90	76	NW	NW	—	—	420	Dull with ☁.
10	28°83	28°55	37°0	39°2	31°7	39°7	168	161	88	68	NE	NE	—	—	120	Dull and frosty.
11	29°02	29°59	35°3	34°5	31°7	39°2	133	128	64	84	NE	NE	—	—	—	☁ showers.
12	87	29°06	35°5	33°1	31°7	37°3	170	156	81	83	NE	NE	—	—	—	☁ showers.
13	29°93	30°04	33°8	33°3	29°5	36°5	166	166	80	76	N	NW	—	—	—	Frosty.
14	30°19	30	35°1	27°8	27°7	38°5	185	114	90	76	N	NW	—	—	—	Frosty.
15	37	40	26°5	31°3	25°7	37°3	131	152	91	87	N	NW	—	—	—	Dull day.
16	48	48	31°5	27°3	27°3	40°7	214	211	86	90	SE	SE	—	—	—	Dull and mild.
17	36	34	40°4	38°9	27°5	40°7	214	211	86	90	SE	SE	—	—	—	Dull and mild.
18	38	29	40°4	39°4	38°4	41°0	211	193	84	80	SE	SE	—	—	—	Frosty.
19	23	28	39°2	30°1	30°1	41°3	208	146	87	87	N	NE	—	—	—	Clear and frosty.
20	30°06	30°01	28°1	27°5	26°7	34°9	145	137	94	92	NE	NE	—	—	—	Clear and frosty.
21	29°09	29°09	27°5	30°8	23°3	37°5	150	180	82	83	S	SE	—	—	—	Dull day.
22	91	29°04	35°8	37°9	33°5	38°5	174	180	82	83	S	SE	—	—	—	Dull day.
23	29°09	30°09	33°1	34°8	31°3	38°3	168	176	89	87	NE	S	—	—	—	Dull day.
24	30°09	30°06	30°1	37°6	30°5	39°0	176	205	82	91	E	S	—	—	—	Clear and mild.
25	29°07	29°07	33°1	39°4	31°5	39°5	177	237	94	99	NE	NW	—	—	340	Fair and mild.
26	70	69	38°6	34°3	34°3	42°5	220	198	94	100	N	N	—	—	—	Dull and mild.
27	67	68	39°6	40°2	32°7	42°0	235	237	97	95	SE	SW	—	—	—	Dull and mild. ☁ showers.
28	52	24	40°6	42°4	37°4	42°5	240	252	95	93	SE	SE	—	—	270	Dull with ☁ (mist).
29	29°20	29°19	38°6	36°5	34°7	42°7	207	191	89	92	SE	SE	—	—	—	Dull day.
30	28°07	28°07	42°6	35°8	34°3	45°3	245	193	89	92	SE	SE	—	—	120	—
31	28°73	28°43	36°8	42°2	35°0	42°7	195	250	90	92	SE	SE	—	—	2170	—
Means	29°788	29°765	36°5	36°4	32°0	41°0	192	187	88°4	85°7	—	—	—	—	—	—

BRAEMAR.

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

JANUARY 1885.

1	30°23	30°30	37°1	30°0	30°0	38°6	*197	*133	89	79	SW	2	SW	4	10	1	—	Fair and soft.
2	30°18	30°04	30°7	34°1	29°2	35°8	*154	*160	89	85	SE	6	SW	2	9	9	—	Dull, with ☁ showers.
3	29°05	30°01	31°7	29°7	29°7	35°6	*155	*165	87	100	S	1	SW	0°5	9	8	—	Dull and frosty.
4	96	29°07	32°7	40°8	29°2	41°2	*179	*231	97	92	SW	2	SW	8	9	9	*140	Dark, soft, and stormy.
5	94	98	36°4	31°1	31°1	45°7	*185	*124	85	70	NW	2	SW	1	4	0	050	Fair and clear.
6	29°78	99	34°5	30°2	28°7	40°9	*159	*131	79	77	SW	4	SW	1	6	7	*360	☁ (5 ins. deep).
7	30°03	82	34°7	36°9	27°6	40°3	*162	*199	82	91	NW	2	SW	6	6	8	*410	Soft and dull.
8	29°37	41	37°9	33°9	30°6	45°0	*221	*152	97	78	SW	4	SW	6	10	8	030	☁ showers.
9	29°42	29°37	32°1	32°0	30°4	37°4	*156	*172	86	95	W	2	SW	2	4	3	—	Cold, fair, and clear.
10	28°83	28°45	32°7	32°4	30°9	38°1	*171	*156	92	84	SW	1	SW	4	10	2	*280	Stormy with ☁ ☁ (sleet) showers.
11	28°84	29°48	34°5	27°9	27°9	38°8	*200	*117	100	77	N	8	N	6	9	3	—	☁ and ☁ all day.
12	29°73	89	29°7	28°7	26°4	37°6	*165	*149	100	94	N	6	N	8	8	0	*080	☁ and ☁ all day.
13	29°85	29°86	27°7	28°7	26°8	31°7	*151	*158	100	100	N	4	N	4	3	10	*070	—
14	30°09	30°25	27°4	30°1	25°4	31°0	*149	*168	120	100	NE	0°5	NE	1	3	4	—	Clear and frosty.
15	41	50	20°4	8°7	8°7	31°7	100	*064	91	100	NE	0°5	NE	0°5	7	0	—	Clear and frosty.
16	58	48	4°5	30°0	4°5	30°7	*053	*159	100	95	NE	0°5	NE	1	0	0	—	☁ showers.
17	34	33	32°7	34°0	27°6	34°0	*186	*186	100	95	NE	1	NE	1	9	9	—	Dull and cold.
18	36	34	34°5	34°1	31°4	36°6	*172	*169	85	85	NE	2	SE	1	9	8	*040	Clear and frosty.
19	19	21	33°9	19°4	19°4	30°0	*171	*088	87	85	SE	0°5	SE	0°5	9	0	—	Clear and frosty.
20	17	30°08	8°0	23°5	8°0	32°5	*062	*093	100	74	SE	0°5	SE	0°5	8	2	—	Dull with ☁☁☁ (mist).
21	07	29°08	25°9	30°9	23°0	32°7	*140	*173	100	100	SE	1	SE	0°5	8	3	—	Clear.
22	01	30°05	21°9	20°4	20°4	33°7	*118	*086	100	79	S	1	S	0°5	6	6	—	Frosty. ☁☁☁ (mist).
23	14	17	6°7	16°7	6°7	31°5	*059	*093	100	100	S	2	SW	1	7	4	—	Dull and frosty.
24	13	30°09	24°0	32°9	16°4	35°4	*129	*187	100	100	S	2	SW	1	7	9	—	Dull and frosty.
25	30°06	29°09	31°7	36°5	28°6	39°5	*180	*198	100	92	SW	0°5	SW	1	8	8	—	Dark and soft.
26	29°77	74	37°6	37°8	35°8	39°3	*212	*210	94	93	SW	1	SW	1	8	7	—	☁☁☁ (mist).
27	65	66	34°5	33°5	32°6	39°8	*190	*180	95	93	SW	1	SW	0°5	8	7	—	☁☁☁ (mist).
28	56	18	35°5	36°0	32°6	40°7	*196	*204	94	96	E	1	S	1	8	8	—	☁☁☁ (mist).
29	20	29°18	34°7	40°3	33°7	41°3	*190	*202	94	81	S	0°5	SW	1	7	4	—	☁☁☁ (mist).
30	29°01	28°06	40°3	37°8	37°2	41°8	*221	*189	89	83	SW	1	W	3	10	8	—	Stormy.
31	28°81	28°44	37°0	37°3	36°8	39°2	*198	*205	90	92	SW	6	SW	8	7	9	—	—
Means	29°825	29°800	29°8	30°8	26°0	37°2	*161	*158	93°6	89°2	2°1	—	2°5	7°1	5°5	1°460	—	—

JANUARY 1885.

LAUDALE.

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

JANUARY 1885.

Day.	Barometer at 32° and M.S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	44°	40°	44°	in.	in.	95	99	E	ESE	7	10	3	ins. ☁ (mist) a. Snow on hills. Day gloomy.			
2	29°09	29°05	40°0	40°0	36°9	46°6	226	228	92	93	E	E	6	7	5	☁ all day. Dry and cold.			
3	87	89	37°0	38°8	34°7	40°0	208	232	95	99	S	E	1	10	7	☁ showers all day.			
4	78	56	42°4	50°1	37°5	50°1	271	300	100	99	S	E	5	10	10	1240	☁ showers. [9p.]		
5	70	95	42°6	39°0	37°1	51°8	260	234	95	98	WSW	E	1	3	6	370	T a. ☁ with ☁ and ☁ (sleet).		
6	29°78	97	38°7	40°0	34°4	43°2	221	234	94	95	SW	5	W	6	10	4	320	☁ a. Dull and gloomy all day.	
7	30°03	74	43°0	45°9	38°1	45°9	273	302	98	98	SW	3	W	5	9	8	880	☁ (mist) a. ☁ showers all day. ☁ p.	
8	29°40	39	37°9	38°0	35°7	46°5	221	228	97	100	W	3	W	4	10	9	870	Cold and damp, with ☁ showers.	
9	29°40	29°40	39°0	38°6	35°8	41°7	238	222	100	95	W	2	W	4	8	10	280	☁ (gale) all day. Rapid fall of bar.	
10	28°76	28°39	47°4	37°0	37°0	47°6	322	220	98	100	SW	8	Calm	0	10	3	—	☁ a. Clear and bracing all day.	
11	29°00	29°55	40°0	35°0	34°9	42°8	187	166	75	81	N	2	N	1	2	3	—	☁ a. ☁ showers during day.	
12	90	99	35°8	33°0	32°0	38°8	168	167	79	89	NNW	3	Calm	0	3	0	—	Fine, calm, and frosty all day.	
13	29°00	29°09	25°0	31°2	24°0	33°0	121	171	90	97	Calm	0	Calm	0	2	—	—	Very fine all day.	
14	30°16	30°33	30°2	27°0	26°2	34°1	164	140	97	96	Calm	0	Calm	0	7	0	—	Fine all day.	
15	38	36	25°0	28°0	23°0	30°1	96	131	45	86	Calm	0	Calm	0	4	1	—	Fine all day.	
16	45	44	25°3	32°5	24°5	35°0	99	181	69	97	Calm	0	Calm	0	0	—	—	Calm and fine all day.	
17	27	18	40°0	42°0	32°0	42°0	191	265	77	99	E	ESE	6	3	4	—	—	☁ p.	
18	26	22	41°8	41°0	38°7	43°1	191	248	73	97	E	E	1	5	10	—	—	Cloudy and threatening all day.	
19	18	13	38°5	38°3	37°0	41°8	205	194	89	84	S	SE	2	10	0	—	—	Day dull and gloomy. ☁ op.	
20	30°04	30°02	36°9	33°0	32°0	38°7	181	165	83	88	E	4	Calm	0	10	0	—	—	Day dull and gloomy. ☁ op.
21	29°08	29°07	31°0	36°3	29°9	36°9	171	210	99	98	E	E	1	7	1	—	—	☁ from East a. Fine all day.	
22	85	88	39°0	42°1	32°0	42°9	183	172	78	64	E	E	4	10	8	—	—	☁ from East a.	
23	95	29°09	36°9	41°0	34°9	44°1	164	253	75	100	E	3	S	4	2	4	—	—	☁ a. Fine all day.
24	98	30°02	38°9	41°9	36°8	45°8	237	260	100	100	S	S	4	10	0	—	—	Very threatening appearance ga. Day	
25	90	29°75	44°6	43°0	40°8	46°0	237	245	80	88	S	5	S	6	10	10	530	☁ all day. Upper clouds stationary.	
26	68	66	45°1	48°0	42°7	48°0	279	287	93	87	S	2	S	1	10	9	680	Damp and cold all day.	
27	58	62	43°1	41°0	38°5	48°0	254	217	91	85	S	1	Calm	0	10	10	200	Dull all day.	
28	34	14	41°1	44°0	39°3	46°0	236	205	92	92	SSE	S	1	10	10	210	—	ga. Dull all day, with ☁ and ☁	
29	29°12	29°11	45°2	47°6	41°8	50°6	258	270	86	83	SSE	4	SSW	4	10	4	1°000	☁ (mist) a.	
30	28°91	28°86	40°6	43°7	43°0	48°0	282	237	90	79	S	2	SW	1	10	10	550	☁ (mist) a.	
31	28°73	28°37	43°0	40°1	44°3	240	233	86	91	S	5	SE	1	10	10	450	Squally ☁ in afternoon. ☁ (mist) op.		
Means	29°757	29°733	38°8	39°4	35°2	43°1	214	227	87°6.	92°2	5°3	2°5	7°4	5°4	7°740				

ROTHESAY.

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

JANUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	40.1	38.1	36.2	42.0	in.	in.	75	84	SSE	SE	—	—	ins.	
2	30.12	29.96	32.0	33.3	32.0	40.0	1.133	1.104	73	86	SE	ESE	—	—	—	Dull and cold.
3	29.91	29.99	33.0	35.2	33.0	35.5	1.147	1.173	78	84	SE	ESE	—	—	0.005	
4	29.68	29.68	40.6	47.0	35.2	47.9	1.221	1.316	88	98	SSE	S	—	—	0.240	Dull, blowy, and damp.
5	29.79	30.05	39.9	38.1	36.5	49.2	1.214	1.177	87	76	W	W	—	—	0.010	☉ showers.
6	29.92	30.09	37.9	35.5	33.7	42.0	1.207	1.191	91	91	W	W	—	—	1.173	Blow, with ☉ (sleet).
7	30.14	29.85	41.1	44.1	35.5	44.5	1.216	1.247	84	85	SW	WSW	—	—	1.105	Fine and blowy.
8	29.46	29.50	38.1	38.1	36.5	45.3	1.213	1.191	93	83	WSW	SW	—	—	1.145	Blow, with ☉ showers.
9	29.51	29.47	34.8	39.1	34.8	39.5	1.166	1.205	82	86	S	W	—	—	0.660	Dull and blowy. ☉ showers.
10	28.90	28.37	46.3	40.9	36.7	46.9	1.300	1.224	96	88	WSW	W	—	—	1.360	Dull, with ☉ (sleet) showers.
11	28.95	29.57	40.1	36.0	35.7	43.0	1.169	1.121	68	57	N	N	—	—	—	Fine and blowy.
12	29.85	29.97	32.0	30.0	30.0	42.0	1.133	1.116	73	69	S	NW	—	—	—	Fine and frosty.
13	29.93	29.97	31.3	31.0	29.0	37.0	1.097	1.099	56	97	Calms	NNW	—	—	—	Fine and frosty.
14	30.13	30.31	33.0	35.2	30.4	38.8	1.167	1.147	89	71	N	NE	—	—	—	Clear and frosty.
15	30.37	30.40	28.3	30.0	27.7	42.0	1.106	1.140	69	83	Calms	Calms	—	—	—	Clear and frosty.
16	30.44	30.41	30.5	36.0	27.5	39.5	1.122	1.103	71	76	E	E	—	—	0.005	Blow, with ☉.
17	30.25	30.24	36.5	38.1	36.0	39.0	1.185	1.200	86	87	E	E	—	—	—	Raw and cold.
18	30.25	30.23	39.6	38.6	37.6	42.0	1.224	1.196	84	84	E	E	—	—	—	Dull and blowy.
19	30.21	30.17	39.3	35.5	34.2	43.0	1.183	1.179	77	86	E	Calms	—	—	—	Variable winds.
20	30.10	30.07	34.0	33.5	33.5	37.0	1.156	1.161	79	84	SE	E	—	—	—	Dull and frosty, with ☉.
21	30.00	29.91	32.0	32.0	29.7	35.0	1.153	1.141	85	77	E	E	—	—	—	Dull and cold, with ☉.
22	29.93	29.96	31.5	34.0	31.2	38.0	1.122	1.156	68	79	NE	SE	—	—	—	Fine and frosty.
23	30.02	30.04	30.5	32.0	30.2	35.0	1.133	1.137	77	75	E	E	—	—	—	Overcast and frosty.
24	30.04	30.04	33.5	36.0	31.2	38.0	1.172	1.175	89	82	NE	E	—	—	—	Dull, with ☉.
25	29.98	29.85	38.1	39.1	35.2	40.0	1.191	1.239	83	100	SE	S	—	—	1.500	Overcast.
26	29.74	29.72	42.6	43.9	39.1	46.0	1.269	1.271	98	95	SSE	SSE	—	—	1.112	Dull and damp.
27	29.59	29.67	42.7	41.1	40.4	44.2	1.253	1.258	96	100	SE	Calms	—	—	1.520	Dull, with ☉.
28	29.42	29.43	43.1	42.5	38.1	45.0	1.258	1.238	93	89	SE	S	—	—	1.290	Dull, with ☉.
29	29.16	29.20	42.1	45.1	40.1	46.9	1.259	1.300	97	100	NE	SE	—	—	1.145	Dull and damp.
30	28.98	28.95	45.1	42.1	40.1	47.9	1.279	1.248	93	93	S	SE	—	—	0.055	Dull and mild.
31	28.73	28.52	43.1	43.4	39.1	46.0	1.250	1.258	89	93	SSE	S	—	—	1.360	Dull and raw.
Means	29.803	29.794	37.2	37.5	34.4	41.9	1.190	1.196	83.1	84.8	—	—	—	—	3.720	

PINMORE.

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

JANUARY 1885.

1	30.26	30.27	36.2	34.3	34.3	39.3	1.178	1.178	83	89	SE	SE	0.5	—	—	1.500
2	30.12	29.97	31.6	34.3	29.5	39.3	1.159	1.178	90	89	SE	SE	0.5	—	—	—
3	29.95	29.98	33.4	34.3	32.5	35.2	1.159	1.188	83	95	SE	SE	0.5	—	—	—
4	29.95	29.77	37.4	40.9	33.5	47.2	1.213	1.317	95	99	S	SE	0.5	—	—	1.420
5	29.90	30.11	40.1	34.3	34.3	40.2	1.223	1.178	90	89	NW	S	0.5	—	—	—
6	30.01	30.18	38.9	34.3	32.5	46.2	1.204	1.178	87	89	W	NW	3	—	—	0.060
7	30.22	29.94	36.7	43.0	30.5	46.2	1.193	1.218	89	86	W	W	3	—	—	—
8	29.57	29.58	36.7	36.2	36.2	45.2	1.177	1.178	81	83	S	W	3	—	—	0.040
9	29.57	29.55	36.4	37.4	35.5	37.5	1.193	1.182	90	82	S	S	0.5	—	—	1.300
10	29.00	29.55	47.4	38.4	33.7	47.4	1.293	1.188	91	82	W	W	8	—	—	1.260
11	28.95	29.55	40.3	33.8	33.8	47.2	1.202	1.139	80	71	N	E	4	—	—	—
12	29.92	29.97	37.2	30.4	29.5	39.3	1.184	1.122	83	71	N	N	3	—	—	—
13	29.93	30.02	25.6	25.4	25.4	38.3	1.139	1.121	100	88	N	N	0.5	—	—	—
14	30.15	30.29	28.4	31.4	25.4	36.2	1.127	1.165	82	94	N	E	4	—	—	—
15	30.25	30.39	29.4	25.6	25.6	37.0	1.136	1.132	83	96	E	NE	0.5	—	—	—
16	30.41	30.35	29.8	35.3	23.5	39.3	1.156	1.168	93	81	NE	E	0.5	—	—	—
17	30.26	30.26	37.0	37.2	23.5	40.3	1.170	1.184	77	83	S	SE	3	—	—	—
18	30.25	30.26	39.1	37.2	26.5	43.3	1.200	1.196	84	88	E	E	0.5	—	—	—
19	30.24	30.26	36.2	30.4	28.5	40.3	1.178	1.145	83	85	S	S	0.5	—	—	—
20	30.13	30.08	33.4	33.4	27.5	35.2	1.159	1.155	83	81	SE	SE	3	—	—	—
21	30.01	29.92	30.4	28.2	28.2	33.4	1.148	1.127	87	85	E	E	0.5	—	—	—
22	29.97	30.00	31.4	33.4	27.5	33.4	1.153	1.181	87	95	E	SE	4	—	—	—
23	30.04	30.06	32.6	35.3	31.5	37.3	1.181	1.152	97	73	SE	S	4	—	—	—
24	30.04	30.04	37.2	37.8	34.5	38.3	1.168	1.182	76	80	S	S	0.5	—	—	—
25	30.00	29.88	37.2	37.8	35.5	39.3	1.193	1.182	87	80	S	S	0.5	—	—	1.310
26	29.79	29.76	41.0	44.2	37.4	46.4	1.244	1.278	95	96	S	S	0.5	—	—	1.220
27	29.60	29.74	42.2	43.0	42.2	45.7	1.254	1.249	94	92	S	SW	0.5	—	—	1.380
28	29.41	29.27	44.2	42.0	35.5	45.2	1.257	1.225	89	85	S	SW	6	—	—	1.430
29	29.20	29.22	47.4	41.2	31.5	49.2	1.311	1.220	95	89	S	S	0.5	—	—	1.430
30	29.03	29.00	44.2	44.9	38.4	49.2	1.274	1.195	95	66	SE	S	0.5	—	—	1.150
31	28.86	28.56	40.3	42.0	39.4	46.2	1.225	1.241	91	91	S	S	6	—	—	1.600
Means	29.842	29.830	36.8	36.2	31.7	41.7	1.195	1.186	87.7	85.5	1.9	2.7	—	—	—	3.750

quartz bar.
readings 0.035 in.
too high

SCALEBY (NEAR CARLISLE).

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

JANUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	34.5	29.0	27.8	40.5	in.	in.	81	76	E	E	3	2	0	ins.		
2	30.31	29.99	34.5	32.0	26.0	37.0	1.162	1.149	81	82	SE	W	2	8	4	310		
3	29.93	29.99	32.5	32.5	29.0	36.0	1.144	1.144	78	78	Calm	SE	2	10	10	060		
4	29.99	29.82	33.7	41.0	28.6	41.5	1.166	1.227	86	89	S	SE	5	2	10	030		
5	29.80	30.10	39.5	32.5	30.5	47.8	1.242	1.164	100	90	Calm	0	Calm	0	10	0	140	
6	29.97	30.14	40.5	35.0	30.2	42.5	1.214	1.176	85	86	SW	5	SW	3	9	8	380	
7	30.19	29.99	36.0	37.5	32.6	45.5	1.204	1.188	96	84	SW	1	SW	5	1	10	140	
8	29.53	29.58	40.5	37.0	32.8	41.2	1.214	1.175	85	80	SW	5	SW	4	10	3	✱	
9	29.58	29.53	36.0	36.5	33.0	39.0	1.199	1.198	95	92	SW	4	W	2	10	10	✱	
10	28.95	28.65	47.5	39.5	36.0	48.0	1.306	1.186	94	77	W	6	SW	6	10	10	Squally a. and p. (scale) [Mid top.]	
11	28.77	29.41	39.5	34.5	34.0	42.0	1.197	1.146	82	73	NW	5	NW	5	10	0	✱	
12	29.74	29.86	33.5	34.5	29.2	37.5	1.153	1.155	81	88	NW	3	NW	3	3	3	010	
13	29.82	29.84	31.5	30.5	27.0	35.0	1.155	1.147	88	87	NW	1	NW	3	10	0	020	
14	30.01	30.19	32.2	33.5	25.5	36.0	1.175	1.183	97	96	NE	3	NE	3	0	4	050	
15	29.81	30.12	30.7	30.7	38.5	35.0	1.156	1.143	75	84	NE	3	NE	3	5	0	✱	
16	29.35	30.31	36.5	29.8	38.0	1.116	1.198	65	92	NE	5	NE	4	8	10	030		
17	29.21	29.27	36.5	38.5	35.0	39.0	1.188	1.195	88	85	NE	3	E	3	10	10	Overcast all day.	
18	29.25	29.25	39.5	38.5	36.5	41.0	1.204	1.196	85	85	E	1	Calm	0	10	10	Overcast all day.	
19	29.23	29.17	34.5	32.5	32.5	39.0	1.182	1.165	91	90	Calm	0	Calm	0	10	0	—	
20	30.09	30.07	31.5	31.5	27.0	33.9	1.155	1.155	88	88	Calm	0	Calm	0	10	10	Overcast all day.	
21	29.97	29.92	33.5	29.5	29.5	36.5	1.153	1.149	81	92	E	2	E	1	10	0	—	
22	29.97	29.88	32.5	28.5	27.8	39.0	1.165	1.130	90	84	E	2	E	2	8	0	—	
23	30.06	30.12	26.5	30.5	24.0	39.0	1.144	1.123	100	73	E	1	NE	2	0	0	—	Fine all day.
24	29.08	30.09	34.5	36.5	27.3	39.0	1.162	1.179	81	84	E	2	E	1	10	10	—	
25	30.05	29.93	32.5	40.5	30.5	41.0	1.144	1.214	78	85	E	1	E	4	1	10	030	
26	29.82	29.78	43.5	43.5	40.0	46.0	1.210	1.240	85	85	SW	4	Calm	0	10	10	Overcast all day.	
27	29.60	29.68	44.5	42.5	41.0	45.2	1.251	1.272	86	100	SE	3	W	4	10	10	Overcast all day.	
28	29.45	29.45	41.0	37.2	50.8	26.2	1.212	1.186	83	SW	5	SW	3	10	10	500		
29	29.23	29.26	46.7	48.5	40.0	52.0	1.312	1.231	98	68	SW	2	SW	5	10	0	030	
30	29.12	29.02	48.5	41.5	41.0	50.0	1.271	1.223	80	86	SW	4	SW	1	8	10	070	
31	28.83	28.64	41.3	42.5	37.5	45.2	1.205	1.213	80	79	S	4	SW	7	4	10	210	Squally p.
Means	29.818	29.820	37.1	36.0	31.9	41.4	1.194	1.181	86.0	84.5	2.7	2.8	7.4	5.9	2.310			

CRONKBORNE (DOUGLAS), ISLE OF MAN.

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

JANUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°7	36°3	35°4	44°3	in.	in.	90	91	ESE 6-7	ESE 5-6	9	10	ins.	Squally (gale) a. and p. (mist) p.
2	30°23	30°24	35°4	34°0	33°3	36°3	1°77	1°72	85	87	ESE 7-8	E 6	10	10	—	Squally a. (mist) p.
3	30°09	30°00	37°0	38°4	33°7	38°8	1°86	2°04	85	88	ESE 6	ESE 2	10	10	—	Squally a. (mist) a. and p.
4	30°08	30°12	42°8	38°0	33°4	48°4	2°44	1°78	89	77	WNW 3-4	W 2	10	2	258	(mist) a. and p.
5	30°05	30°21	42°0	38°3	34°3	43°7	2°20	1°87	83	81	W 3	W 4	3	1	—	Overcast a. Fine p. — p.
6	30°23	30°08	41°7	46°0	37°4	46°0	2°36	2°65	90	86	WSW 4	SSW 4-5	6	4	266	(force 7) p.
7	30°27	30°11	38°7	38°8	37°2	46°3	2°19	1°96	93	83	WSW 3	WSW 3	10	4	127	(force 7) a. Dull afternoon.
8	30°27	30°11	39°0	40°9	37°8	40°9	2°20	2°32	93	91	W 2	WSW 3	9	10	414	a. Fine midday. 2 p.
9	30°27	30°11	40°4	40°8	37°4	40°8	2°30	2°13	94	84	WSW 5-6	WSW 8-9	10	9	304	Squally a. and p. 2 p. showers.
10	30°27	30°11	43°9	37°0	36°8	43°9	2°39	1°60	83	73	NNW 8-9	N 5-6	8	4	—	Squally a. and p.
11	30°27	30°11	37°4	36°0	34°8	39°2	1°73	1°52	78	71	N 6-7	NNW 4	1	2	—	Squally a. and p. Fine.
12	30°27	30°11	34°0	34°8	32°3	36°8	1°44	1°42	73	70	NNW 4	N 4	1	2	—	a. Fine.
13	30°27	30°11	34°6	37°0	31°9	37°8	1°79	1°86	89	85	NNE 5	NE 4	4	3	—	a. Fine morning. 2 p. — p.
14	30°27	30°11	38°0	35°8	35°8	39°5	1°85	1°74	81	82	NE 4	NE 5	1	2	—	
15	30°27	30°11	37°8	38°5	34°3	39°2	1°82	2°12	80	91	NE 5	NE 4	9	8	—	
16	30°27	30°11	39°4	38°3	36°9	39°8	1°74	1°87	73	81	ENE 6-7	ESE 6	7	10	331	Squally a. and p. Dull.
17	30°27	30°11	41°0	37°9	37°4	41°3	2°25	2°15	88	95	E 4-5	SSE 2	10	10	006	Overcast a. and p. (mist) p.
18	30°27	30°11	36°7	37°3	36°0	39°8	1°79	1°79	92	81	Calm 0	ESE 4	10	10	—	Overcast, with (mist).
19	30°27	30°11	35°6	34°6	33°4	37°3	1°79	1°60	85	79	ESE 2	E 2	10	10	—	Overcast, with (mist).
20	30°27	30°11	32°9	34°0	32°0	34°6	1°73	1°72	92	87	ESE 4	SE 4	10	10	—	Overcast, with (mist).
21	30°27	30°11	33°4	35°6	31°9	36°2	1°73	1°93	91	93	ESE 4	ESE 4-5	10	10	—	Overcast, with (mist).
22	30°27	30°11	37°6	36°4	35°2	39°3	2°09	2°02	93	94	ESE 5-6	ESE 5	10	10	040	Overcast, with (mist).
23	30°27	30°11	37°0	39°0	36°2	39°4	2°16	2°36	98	99	ESE 5	E 4	10	10	100	Overcast, with (mist).
24	30°27	30°11	38°0	41°8	37°0	41°8	2°26	2°47	99	94	SE 5	ESE 4	10	10	734	and (mist) a. and p. 2 p.
25	30°27	30°11	45°4	45°8	41°0	46°7	2°99	3°01	98	98	S 4	S 2	10	10	332	a. Overcast, with (mist) 2 p.
26	30°27	30°11	44°8	44°5	43°1	46°8	2°85	2°71	96	93	SSE 3	WSW 4-5	10	10	138	a. Overcast, with (mist) 2 p.
27	30°27	30°11	47°7	47°2	43°1	47°7	3°11	3°20	94	99	SSE 8-9	SW 3	10	10	403	Squally a. 2 a. (mist) 2 p.
28	30°27	30°11	47°8	46°1	44°9	47°8	3°33	3°08	100	96	S 3	SSE 4-5	10	10	376	Overcast, with (mist).
29	30°27	30°11	46°0	43°9	42°5	47°8	3°04	2°78	98	97	SSW 3	S 4	10	10	048	a. Overcast, with (mist) 2 p.
30	30°27	30°11	42°3	45°0	42°3	45°3	2°50	2°66	93	89	SE 5-6	SSW 8	10	10	227	Squally 1 p. Snowdrops open.
31	30°27	30°11	42°3	45°0	42°3	45°3	2°50	2°66	93	89	SE 5-6	SSW 8	10	10	227	Squally 2 p. showers.
Means	29°298	29°810	40°1	39°5	36°7	42°2	2°25	2°16	89.3	87.5	4°6	4°2	8°3	7°8	3°727	

STONYHURST.

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

JANUARY 1885.

1	30°35	30°35	32°0	31°0	27°5	41°7	1°137	1°127	75	72	E 2	ESE 2	10	10	—	—	—	—
2	30°18	30°01	34°0	31°8	30°3	41°8	1°160	1°127	81	71	ESE 2	E 2	10	10	—	—	Overcast and gloomy all day.	—
3	29°57	30°02	32°7	32°2	29°8	42°2	1°150	1°145	81	79	E 1	Calm 0	10	10	—	—	Overcast and gloomy all day.	—
4	30°05	29°02	33°3	38°7	31°3	39°9	1°164	2°06	86	88	Calm 0	S 1	10	10	028	—	Overcast and gloomy all day.	—
5	29°85	30°15	44°0	31°1	30°2	46°2	2°72	1°47	94	84	SSW 2	Calm 0	10	0	032	—	—	—
6	30°10	30°21	36°0	35°0	29°4	44°3	1°158	1°157	74	77	W 2	W 2	8	5	—	—	—	—
7	30°20	30°10	35°1	40°8	31°2	42°7	1°185	2°14	90	84	W 1	SSW 3	9	2	—	—	—	—
8	29°64	29°68	38°8	34°0	33°4	42°8	1°194	1°174	82	88	S 5	WSW 1	10	10	215	—	Overcast and gloomy all day.	—
9	30°25	30°26	34°7	36°1	32°2	43°8	1°168	1°196	83	92	S 1	WSW 1	8	10	580	—	—	—
10	29°13	28°80	46°0	39°8	34°8	47°2	2°309	1°193	99	79	WSW 4	WSW 4	10	10	445	—	—	—
11	28°77	29°38	40°9	36°0	31°2	48°3	2°208	2°03	82	96	WNW 4	N 3	10	2	—	—	—	—
12	29°68	30°84	34°2	34°5	30°3	44°9	1°121	1°084	61	54	NW 4	NW 2	9	4	—	—	—	—
13	30°75	29°78	31°2	31°5	29°9	41°0	1°125	1°125	71	72	NW 3	N 2	4	5	—	—	—	—
14	29°03	30°08	32°0	35°6	29°2	38°4	1°170	1°144	94	68	NNE 1	NE 2	8	4	010	—	< in morning. $\frac{1}{2}^0$ a.	—
15	30°17	30°24	36°5	35°9	34°2	40°0	1°186	1°162	86	79	NE 2	N 1	10	10	—	—	Overcast and gloomy.	—
16	30°25	30°23	36°1	36°2	34°2	40°0	1°188	1°175	88	82	ENE 1	ENE 2	10	10	—	—	Overcast and gloomy.	—
17	30°25	30°23	36°5	36°4	34°1	40°3	1°187	1°176	87	82	ENE 4	E 2	10	10	030	—	Overcast and gloomy all day.	—
18	30°15	30°25	39°0	35°7	33°8	40°5	1°199	1°179	84	85	E 2	ESE 1	10	10	—	—	Overcast and gloomy.	—
19	30°26	30°18	34°1	33°7	32°7	40°7	1°175	1°143	88	74	Calm 0	E 1	10	10	—	—	Overcast and gloomy all day.	—
20	30°11	30°07	31°9	31°8	30°6	38°4	1°143	1°139	87	77	Calm 0	Calm 0	10	10	—	—	Overcast and gloomy.	—
21	30°00	29°04	30°5	29°2	23°0	35°9	1°145	1°145	80	65	ESE 2	E 1	10	10	—	—	—	—
22	29°08	30°03	28°3	30°9	24°9	36°9	1°131	1°131	64	76	ENE 1	SE 1	0	8	—	—	—	—
23	30°08	30°05	30°1	32°9	23°7	36°8	1°143	1°148	85	79	E 1	NE 1	0	10	—	—	—	—
24	30°10	30°12	32°8	33°2	31°7	37°2	1°149	1°165	80	87	NE 1	NE 1	10	10	—	—	—	—
25	30°08	29°09	30°0	39°5	28°9	40°3	1°164	1°190	98	79	NE 1	SE 1	0	10	050	—	—	—
26	29°89	30°83	41°3	43°9	39°5	45°3	2°253	2°263	97	91	SW 1	SW 1	10	10	160	—	—	—
27	30°55	30°78	44°4	43°0	43°0	47°3	2°260	2°247	89	89	S 4	WSW 3	10	10	160	—	—	—
28	30°55	30°33	44°8	49°1	39°3	49°2	2°265	3°244	86	98	S 5	SW 2	10	10	1058	—	—	—
29	30°30	30°34	50°0	47°1	45°3	52°0	3°322	3°322	92	99	S 2	SW 1	10	10	010	—	—	—
30	29°15	29°05	48°4	44°0	42°8	49°6	3°263	3°263	89	92	S 4	Calm 0	10	10	250	—	—	—
31	28°88	28°79	41°1	40°3	37°2	47°3	2°218	1°101	85	76	SSE 3	S 6	10	10	020	—	< at night.	—
Means	29°840	29°852	36°8	36°5	32°6	42°7	1°191	1°180	84.4	81.1	2°1	1°6	8°9	8°4	3°324			

WAKEFIELD.

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

JANUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°8	33°8	30°2	35°6	in.	in.	90	94	SSE 3	SSE 3	10	10	—	Dull and gloomy.
2	30°39	30°37	33°7	32°7	32°4	34°4	1°193	1°172	100	93	SSE 3	ESE 3	10	10	—	Dull and gloomy.
3	30°05	30°05	32°6	31°7	31°6	34°4	1°147	1°172	80	95	ESE 3	SSE 2	10	10	—	Dull and gloomy.
4	30°09	29°05	33°7	40°8	31°7	41°0	1°193	2°227	100	90	ESE 2	ESE 2	10	10	020	Dull and gloomy.
5	29°02	30°13	46°7	34°7	34°0	49°5	2°297	1°182	94	92	S 5	WSW 3	10	6	—	Fine from 11 a.
6	30°11	30°11	37°6	35°9	29°3	42°7	1°192	1°187	85	89	SW 2	SSW 3	0	4	010	Fine all day.
7	30°31	30°13	35°7	41°4	32°8	43°3	1°193	2°234	93	92	WSW 2	WSW 2	0	5	—	Fine all day.
8	29°74	29°69	40°0	35°8	34°9	42°5	2°231	1°192	94	91	SSW 6	ESE 3	10	3	050	Dull and gloomy a. Fine p.
9	30°66	29°50	37°7	37°8	32°5	40°4	2°224	2°209	90	91	SW 2	SSW 2	4	10	—	Fine a. Dull and gloomy p.
10	29°11	28°83	46°8	36°7	30°7	50°5	2°239	2°209	91	97	SSW 2	SSW 6	10	10	350	Dull and gloomy all day. p.
11	28°72	29°30	42°0	36°5	35°8	42°5	2°235	1°172	89	81	WSW 7	WSW 8	10	7	030	2 in past n. Dull and gloomy.
12	29°63	29°77	34°5	34°8	31°2	36°5	1°193	1°172	97	93	NNW 6	N 5	8	6	030	Dull and gloomy a. Fine p. * 0 in after-noon
13	29°72	29°77	31°5	31°8	30°2	35°6	1°174	1°179	99	100	NW 5	NW 3	8	10	080	Dull and gloomy all day.
14	29°92	30°09	30°7	35°5	27°0	35°5	1°172	1°192	100	93	NNW 3	NW 2	4	10	070	Dull and gloomy all day.
15	30°10	30°24	35°8	34°7	34°7	36°4	2°208	2°201	99	100	NNW 2	NNW 2	4	10	030	Dull and gloomy all day.
16	30°26	30°29	37°4	36°7	32°6	38°4	2°202	2°202	92	93	NE 3	E 3	10	10	040	Dull and gloomy all day.
17	30°15	30°24	37°7	36°7	35°1	37°7	2°225	2°218	99	100	ENE 4	NE 3	10	10	130	Dull and gloomy all day.
18	30°21	30°29	37°6	34°9	34°9	39°4	2°217	1°199	97	98	ENE 3	ENE 2	10	10	010	Dull and gloomy all day.
19	30°26	30°18	34°2	34°3	34°0	36°8	1°197	1°185	100	94	SW 2	SW 2	10	10	—	Dull and gloomy all day.
20	30°12	30°07	32°0	31°7	31°2	34°7	1°174	1°179	96	100	S 2	SE 2	10	10	—	Dull and gloomy all day.
21	30°02	29°09	32°3	29°5	29°5	35°0	1°169	1°163	93	100	ENE 2	ENE 2	10	4	—	Dull and gloomy a. Fine from 1 p.
22	30°04	30°07	28°7	30°3	25°0	33°6	1°132	1°201	95	100	SSE 2	SSE 2	10	10	—	Dull and gloomy all day. ∞ 0
23	30°13	30°16	30°6	34°7	28°0	35°0	1°171	1°161	100	100	SSE 2	E 3	10	10	—	Dull and gloomy all day.
24	30°15	30°16	31°7	33°5	31°4	35°0	1°179	1°192	100	100	SE 2	E 2	10	10	—	Dull and gloomy all day.
25	30°15	30°04	28°5	31°5	27°5	34°1	1°156	1°177	100	100	ESE 2	ESE 2	10	10	100	∞ ga. Dull and gloomy.
26	29°02	29°85	38°1	44°2	31°5	44°5	2°222	2°281	96	97	SE 2	SSE 1	10	10	050	2 a. Dull and gloomy.
27	30°06	30°23	44°8	45°6	36°4	49°9	2°295	2°299	99	98	SSE 1	WSW 3	10	10	040	Dull and gloomy all day.
28	30°59	30°33	46°7	50°8	41°9	53°2	3°038	3°394	97	98	SSE 3	WSW 3	10	10	120	Dull and gloomy all day.
29	30°35	30°33	53°8	49°7	46°1	54°9	4°294	3°352	97	99	S 3	SE 2	10	0	020	Dull and gloomy a. Fine p.
30	29°19	29°09	45°8	46°8	46°7	52°0	3°440	3°318	98	99	SSE 2	SSE 2	10	10	100	Dull and gloomy all day.
31	28°15	28°85	41°5	41°4	38°1	47°5	2°253	2°297	97	99	SSW 2	SSW 2	10	7	—	Dull and gloomy a. Fine p.
Means	29°867	29°865	37°1	37°1	33°4	40°7	2°217	2°216	95°6	95°7	2°9	2°7	8°8	8°5	1°270	

BUXTON.

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

JANUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.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.	28°0	28°0	28°0	34°4	137	—	90	SE	—	10	—	ins.	☁ (mist) ga.
2	30°38	—	28°0	28°0	28°0	34°4	137	—	90	SE	—	10	—	—	☁ (mist) ga.
3	30°17	—	28°0	28°0	28°0	34°4	137	—	90	SE	—	10	—	—	☁ (mist) ga.
4	30°02	—	29°0	29°0	29°0	33°0	160	—	100	SE	—	10	—	—	☁ (mist) ga.
5	30°11	—	33°0	33°0	33°0	43°0	177	—	95	S	—	7	—	—	☁ (mist) ga.
6	29°00	—	43°0	43°0	43°0	44°0	277	—	100	SW	—	6	—	100	—
7	30°14	—	34°0	34°0	34°0	40°0	196	—	100	W	—	1	—	—	—
8	30°33	—	35°0	35°0	35°0	38°0	184	—	90	SW	—	5	—	—	—
9	29°75	—	36°0	36°0	36°0	38°0	192	—	91	SSW	—	8	—	220	☁ * ga.
10	29°68	—	32°0	32°0	32°0	43°0	158	—	87	SW	—	7	—	600	☁ * ga.
11	29°18	—	43°0	43°0	43°0	45°0	255	—	92	WSW	—	9	—	1730	—
12	28°79	—	37°5	37°5	37°5	38°0	204	—	92	W	—	6	—	—	☁ * ga.
13	29°69	—	29°0	29°0	29°0	33°0	131	—	82	NW	—	6	—	—	☁ * ga.
14	29°74	—	29°0	29°0	29°0	33°0	131	—	82	NW	—	6	—	—	—
15	29°92	—	30°0	30°0	30°0	34°0	140	—	83	NE	—	5	—	—	☁ * ga.
16	30°15	—	34°0	34°0	34°0	34°0	175	—	89	NE	—	9	—	—	☁ (mist) ga.
17	30°18	—	34°0	34°0	34°0	34°0	175	—	89	E	—	7	—	—	—
18	30°15	—	34°0	34°0	34°0	34°0	175	—	89	E	—	7	—	—	—
19	30°15	—	34°0	34°0	34°0	34°0	175	—	89	E	—	7	—	—	—
20	30°15	—	34°0	34°0	34°0	34°0	175	—	89	E	—	7	—	—	—
21	30°15	—	34°0	34°0	34°0	34°0	175	—	89	E	—	7	—	—	—
22	30°15	—	34°0	34°0	34°0	34°0	175	—	89	E	—	7	—	—	—
23	30°15	—	34°0	34°0	34°0	34°0	175	—	89	E	—	7	—	—	—
24	30°15	—	34°0	34°0	34°0	34°0	175	—	89	E	—	7	—	—	—
25	30°15	—	34°0	34°0	34°0	34°0	175	—	89	E	—	7	—	—	—
26	30°15	—	34°0	34°0	34°0	34°0	175	—	89	E	—	7	—	—	—
27	30°15	—	34°0	34°0	34°0	34°0	175	—	89	E	—	7	—	—	—
28	30°15	—	34°0	34°0	34°0	34°0	175	—	89	E	—	7	—	—	—
29	30°15	—	34°0	34°0	34°0	34°0	175	—	89	E	—	7	—	—	—
30	30°15	—	34°0	34°0	34°0	34°0	175	—	89	E	—	7	—	—	—
31	30°15	—	34°0	34°0	34°0	34°0	175	—	89	E	—	7	—	—	—
Means	29°874	—	34°0	34°0	34°0	37°3	184	—	91°6	—	—	7°1	—	4°160	—

NOTE.—Owing to the removal of Dr. Sykes, the observations were taken only at 9 a.m. during this month.

HILLINGTON, NORFOLK.

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

JANUARY 1885.

1	30°42	30°37	31°0	33°8	27°2	34°4	149	189	85	98	SE	1	SE	0°5	9	10	—	☁ 9a. ☼ 6p.—9p.
2	25	28	34°5	38°4	33°1	35°5	177	186	89	98	SE	1	SE	0°5	10	10	—	Overcast all day.
3	05	07	33°0	32°2	32°0	33°4	170	170	92	94	SE	1	SSW	1	10	10	003	Overcast all day.
4	30°14	09	32°1	34°1	31°1	37°6	170	190	94	97	SW	1	SW	3	10	10	004	☁ showers.
5	29°09	11	42°0	38°5	33°4	45°5	260	217	98	94	SW	2	NW	1	10	6	050	☁ showers.
6	30°19	22	26°9	35°4	24°5	39°4	133	190	92	92	SW	0°5	SW	3	0	0	007	☁ (mist) a. Sunny later.
7	30°36	30°21	27°4	33°5	27°0	38°2	136	187	92	98	SW	0°5	SW	1	0	0	008	☁ (mist) a. Sunny 11a.—3p.
8	29°06	20°77	35°7	35°8	31°3	39°3	190	208	92	99	S	3	SW	1	10	10	050	☁ (mist) a. Sunny 11a.—3p.
9	29°06	29°66	31°6	33°2	30°1	36°5	158	181	90	96	SW	1	SW	0°5	10	8	200	☁ early a. and p. ☼ (gale) at night.
10	29°29	28°91	39°9	38°8	32°1	49°6	244	199	99	84	S	2	SW	4	10	1	370	☁ Blustering ☼ a. with ☁ showers.
11	28°72	29°19	39°7	35°9	34°3	41°5	225	203	92	97	NW	7	NW	2	10	10	300	☁ Blustering ☼ a. with ☁ showers.
12	29°51	65	30°2	32°1	30°0	36°5	166	176	99	98	NW	4	NW	4	10	8	800	☁ (2½ ins. deep) a. Frequent ☼ showers (4½ ins. deep p.).
13	62	68	30°0	30°3	28°1	33°7	161	154	97	93	N	0°5	N	1	10	10	200	☁ showers (7 ins. deep 9a.) Fine
14	29°83	29°93	30°1	35°6	24°1	36°3	156	196	94	95	SE	1	NE	4	9	10	167	☁ and ☼ (sleet) showers.
15	30°06	30°09	36°1	35°0	34°4	37°1	204	196	96	96	NE	3	NE	1	10	10	070	☁ and ☼ (sleet) showers.
16	14	12	36°5	37°0	34°3	38°1	202	204	94	93	NE	4	E	7	10	10	017	☁ p.
17	10	16	34°2	35°0	33°6	38°0	186	197	95	97	E	4	E	3	10	10	008	☁
18	16	24	36°1	35°0	34°3	37°5	198	197	94	97	E	2	SE	1	10	10	—	Overcast all day.
19	26	18	34°1	34°6	33°7	35°5	182	180	92	90	E	0°5	NE	1	10	10	—	Overcast all day.
20	12	08	32°6	31°2	30°9	35°3	170	162	92	93	SW	1	SE	0°5	10	10	—	Overcast all day.
21	02	00	30°0	29°1	28°6	34°6	145	140	86	88	E	1	SE	0°5	6	0	007	☁ (mist).
22	05	12	26°5	28°2	26°0	34°8	130	154	90	100	SE	0°5	SE	0°5	0	0	008	☁ (mist) a. then fine.
23	12	13	30°0	29°6	25°9	37°5	148	147	88	90	ESE	1	SE	0°5	0	0	003	☁ (mist) a. then fine.
24	16	19	32°6	33°7	26°5	37°3	166	175	90	90	SE	2	SE	1	7	10	004	☁ a. Cloudy all day.
25	17	30°19	32°0	31°1	28°7	39°9	167	161	92	93	SE	1	SE	2	0	0	007	☁ a. Fine day.
26	30°02	29°93	32°5	38°7	29°0	39°3	171	221	94	94	S	2	S	2	10	10	150	☁ (mist) ☼.
27	29°82	82	38°5	43°0	38°0	47°5	233	262	100	94	SW	4	SW	4	10	10	016	Overcast all day.
28	80	51	43°8	49°2	40°9	49°4	276	340	97	98	SW	1	SW	6	10	10	120	Overcast all day.
29	44	47	50°9	48°8	48°0	53°4	342	340	92	93	SW	5	SW	3	10	9	108	Overcast all day.
30	38	23	47°5	46°4	44°4	49°8	308	316	95	100	S	2	S	2	10	9	127	☼ 5.15p.
31	29°13	29°03	41°7	44°7	39°3	49°0	246	265	93	92	S	2	S	8	0	10	042	☼ 5p.
Means	29°904	29°882	34°8	35°9	32°1	39°7	193	203	93°1	94°6	—	2°0	2°2	7°8	7°5	2°846	—	—

UPPINGHAM.

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

JANUARY 1885.

Day	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	28° 5	30° 6	27° 4	32° 9	in.	in.	%	%	SSE 1	SE 1	10	10	ins.	— ¹ a. Overcast all day.
2	30° 41	30° 38	28° 5	30° 6	27° 4	32° 9	147	150	95	87	SE 3	SSE 3	10	10	—	— ¹ Cold gloomy day.
3	30° 22	30° 08	30° 2	30° 7	28° 9	31° 3	153	144	90	89	SE by E 2	SE 1	10	10	—	— ¹ Overcast all day.
4	30° 01	30° 05	30° 1	29° 9	29° 0	31° 4	156	150	94	90	S by E 1	SSW 1	10	10	010	— ² a. and p.
5	30° 12	30° 06	32° 0	35° 0	32° 4	35° 0	175	202	96	99	S by W 3	NW 2	10	4	029	— ¹ a. and p. ³ (mist) p.
6	29° 56	30° 14	41° 8	35° 1	34° 4	44° 2	254	177	96	86	W by S 1	WSW 2	0	0	—	— ¹ all day.
7	30° 20	30° 26	29° 1	34° 0	27° 7	39° 1	134	176	85	89	W by S 1	SSW 2	0	5	013	— ¹ a. and p. ³ from 2 p.
8	30° 36	30° 25	30° 3	33° 1	29° 1	38° 6	148	176	88	93	SSW 6	swbyw 1	10	10	078	— ¹ a. ³ p. ³ 9 p. Clear at 11 p.
9	29° 59	29° 58	36° 1	32° 0	32° 0	38° 5	194	177	91	97	swbys 1	swbyw 2	9	10	105	— ¹ a. ³ p. ³ (gale) at night.
10	29° 74	29° 68	31° 7	34° 9	28° 7	36° 9	160	201	90	99	swbys 4	swbyw 4	10	2	208	— ¹ a. Day overcast. ∞ on hori-
11	29° 18	28° 94	43° 0	36° 9	33° 2	48° 5	270	180	95	83	W 6	Nwb. N 4	10	0	020	— ¹ showers a. and p. ³ p. [zon 9 p.
12	28° 81	29° 25	39° 0	35° 0	35° 0	39° 5	197	159	83	78	NW 3	Nwb. N 5	5	10	—	— ¹ a. 2 inches deep. ³ p.
13	29° 59	29° 73	30° 8	32° 4	29° 0	35° 0	134	141	76	76	NW 3	NW 2	9	10	030	— ¹ 9.30 p. ³ 11.30 p.
14	30° 64	30° 71	30° 6	29° 7	29° 5	33° 9	150	157	89	95	N by E 2	NE 1	10	10	071	— ¹ a. ³ p. ³ p. [11 a.
15	29° 82	29° 93	30° 9	33° 0	27° 4	33° 0	150	167	88	89	NE 2	NE 2	10	10	107	— ¹ a. ³ p. ³ p. [11 a.
16	30° 07	30° 12	35° 1	34° 5	28° 8	35° 4	203	186	99	93	ENE 4	NNE 3	8	10	044	— ¹ a. ³ p. ³ p. [11 a.
17	30° 14	30° 11	34° 7	36° 0	32° 8	36° 3	182	223	91	96	ENE 4	NE 2	10	10	033	— ¹ a. ³ p. ³ p. [11 a.
18	30° 17	30° 17	32° 5	35° 2	31° 7	36° 4	181	175	98	85	NE 2	NE 1	10	10	046	— ¹ a. ³ p. ³ p. [11 a.
19	30° 14	30° 23	34° 8	33° 7	32° 7	35° 4	174	186	85	65	NE 2	NE 1	10	10	038	— ¹ a. ³ p. ³ p. [11 a.
20	30° 26	30° 19	32° 5	31° 6	35° 2	38° 1	181	164	98	92	E 1	Calm 0	10	10	—	— ¹ a. ³ p. ³ p. [11 a.
21	30° 08	30° 09	29° 8	29° 3	34° 6	35° 5	155	147	89	88	Calm 0	Calm 0	10	10	—	— ¹ a. ³ p. ³ p. [11 a.
22	30° 01	30° 08	29° 9	25° 3	25° 3	31° 6	119	127	72	93	E by S 1	SE 3	9	10	—	— ¹ a. ³ p. ³ p. [11 a.
23	30° 03	30° 08	23° 7	20° 0	20° 3	30° 1	124	164	97	98	SE 1	SSE 1	0	10	—	— ¹ a. ³ p. ³ p. [11 a.
24	30° 11	30° 11	27° 3	28° 4	26° 3	31° 3	149	150	100	96	E 1	ENE 2	10	10	—	— ¹ a. ³ p. ³ p. [11 a.
25	30° 14	30° 17	28° 2	30° 0	26° 5	33° 4	148	167	96	100	SE 2	Calm 0	10	2	—	— ¹ a. ³ p. ³ p. [11 a.
26	30° 16	30° 09	25° 3	31° 2	25° 3	37° 8	127	153	93	87	SE by S 1	SSE 2	1	0	017	— ¹ a. ³ p. ³ p. [11 a.
27	29° 59	29° 52	35° 2	39° 0	29° 1	39° 6	202	234	98	93	S 2	S 1	10	10	173	— ¹ a. ³ p. ³ p. [11 a.
28	29° 78	29° 84	41° 8	41° 9	38° 5	48° 1	256	233	97	88	Sly W 4	swbyw 2	10	10	—	— ¹ a. ³ p. ³ p. [11 a.
29	29° 76	29° 47	44° 9	50° 1	40° 1	50° 1	259	326	88	90	S by W 4	SW 5	10	10	098	— ¹ a. ³ p. ³ p. [11 a.
30	29° 41	29° 41	50° 1	48° 7	47° 6	50° 7	318	322	88	94	swbys 3	SSW 5	10	9	042	— ¹ a. ³ p. ³ p. [11 a.
31	29° 27	29° 14	45° 8	45° 9	45° 0	49° 0	289	230	94	95	S 3	S 2	10	10	077	— ¹ a. ³ p. ³ p. [11 a.
32	29° 03	28° 07	41° 0	41° 0	36° 9	46° 5	231	211	90	83	S by W 6	S 6	10	9	048	— ¹ a. ³ p. ³ p. [11 a.
Means	29° 886	29° 882	34° 1	34° 6	31° 2	38° 0	184	187	91° 4	91° 0	2° 5	2° 2	8° 4	8° 1	1° 361	— ¹ a. ³ p. ³ p. [11 a.

GELDESTON (BECCLES).

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

JANUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	ins.	%	%	E	1	NNE	1	10	10	ins. Δ^0 p.
2	30.42	30.37	31.2	32.0	31.9	30.9	1.50	1.86	79	91	E	1	NNE	1	10	10	—
3	30.26	30.11	30.8	30.1	34.3	30.9	1.78	1.76	81	82	SE	1	SSE	1	10	10	Gloomy all day.
4	30.06	29.07	35.0	33.3	32.8	30.9	1.62	1.65	80	87	SSE	1	SSE	1	10	10	Gloomy all day.
5	30.16	30.12	33.3	35.2	32.0	30.9	1.63	1.62	87	93	Calm	0	SW	1	10	7	—
6	30.04	29.09	31.0	31.0	34.0	31.1	2.16	2.22	93	69	SSW	1	NNW	2	10	10	0.30
7	30.17	30.23	30.1	35.0	29.3	31.6	1.56	1.86	94	91	Calm	0	WSW	1	0	0	0.10
8	30.29	30.29	29.1	34.1	27.9	31.7	1.55	1.75	96	83	Calm	0	SW	1	0	0	0.20
9	30.04	29.81	37.1	37.0	31.8	30.8	1.99	2.01	90	93	SSW	2	SSW	2	9	10	1.50
10	29.79	29.69	31.2	37.1	28.8	31.8	1.73	2.17	99	68	SW	1	SW	2	10	10	1.50
11	29.38	29.03	30.3	41.0	34.9	30.5	2.33	2.20	99	86	S	3	WSW	3	10	4	5.20
12	28.73	29.11	30.9	37.9	36.7	31.9	2.10	1.95	85	83	W	4	NNW	3	10	1	1.90
13	29.43	29.00	32.9	32.1	30.8	30.3	1.71	1.91	91	92	WNW	2	NNW	1	8	1	1.20
14	29.29	29.04	29.1	31.2	28.7	30.2	1.58	1.71	95	97	NW	1	N	1	10	1	0.10
15	29.82	29.83	32.1	37.1	26.2	37.1	1.36	2.21	74	91	NE	1	NE	2	10	10	0.10
16	30.01	30.05	37.0	36.0	34.5	30.2	2.29	1.93	92	91	ENE	2	ENE	2	10	10	0.80
17	30.12	30.06	36.3	38.1	35.0	30.1	1.88	1.86	88	82	E	4	ENE	5	10	10	0.10
18	30.08	30.16	38.1	35.3	34.0	30.1	1.99	2.20	97	97	E	1	NE	3	10	10	0.10
19	30.16	30.24	37.1	36.9	34.7	37.1	1.97	1.87	83	85	E	2	ESE	1	10	10	0.10
20	30.25	30.19	35.2	34.1	33.5	37.2	1.79	1.72	87	83	ENE	1	N	1	10	10	0.10
21	30.13	30.08	32.3	33.3	31.9	30.0	1.78	1.86	97	93	Calm	0	N	1	10	10	0.10
22	30.03	30.03	30.2	32.3	28.8	30.1	1.55	1.76	92	95	SSE	1	ESE	1	1	0	0.10
23	30.06	30.10	32.7	32.0	28.9	30.5	1.72	1.70	92	91	ESE	1	E	1	0	0	0.10
24	30.13	30.15	30.0	32.8	25.0	30.3	1.55	1.70	93	91	E	1	E	1	0	0	0.10
25	30.18	30.21	34.1	34.2	31.8	37.8	1.77	1.72	89	86	ESE	1	ESE	1	0	0	0.10
26	30.19	30.15	32.1	32.0	21.8	30.8	1.71	1.57	93	87	ESE	1	ESE	1	0	0	0.30
27	30.07	29.99	33.2	37.8	28.3	30.9	1.60	2.10	89	93	Calm	0	SSW	1	8	10	0.00
28	29.90	29.85	38.9	44.9	36.0	45.9	2.33	2.54	99	85	SSW	1	W	2	10	10	0.10
29	29.87	29.88	44.0	46.1	39.8	46.2	2.83	3.10	98	99	SSW	1	SW	2	10	10	0.10
30	29.51	29.51	40.1	47.1	45.8	50.8	2.97	2.97	85	92	SW	2	SSW	2	10	9	0.10
31	29.37	29.22	45.0	46.1	43.1	48.4	2.73	2.86	91	92	S	2	S	3	10	10	0.40
32	29.25	29.09	42.1	44.4	40.9	47.8	2.44	2.40	91	82	S	2	SW	4	0	2	0.70
Means	29.918	29.888	35.7	37.0	32.6	40.2	1.93	2.03	90.6	90.7	1.3	1.7	7.3	6.0	1.840		U ⁰ op.

CHELTENHAM.

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

JANUARY 1885.

1	30.37	30.36	31.6	30.6	29.0	38.6	*164	*171	92	100	SE	1	SE	1	6	10	—	Dull and cold.
2	30.19	30.03	29.7	32.2	28.0	32.2	*165	*175	100	97	SE	1	SE	1	10	10	—	Dull and cold.
3	29.97	29.03	33.8	34.6	28.8	35.0	*178	*179	91	90	SE	1	SE	2	10	10	—	Dull and cold.
4	30.13	30.08	35.4	39.2	32.0	40.4	*199	*219	96	92	SE	1	SE	1	7	0	—	Bright day.
5	29.96	29.16	47.7	29.9	29.9	49.7	*299	*166	91	100	S	1	S	1	10	0	0.90	Dull a.
6	30.23	30.27	31.0	30.0	21.0	41.0	*151	*167	87	100	Calm	0	S	1	0	0	—	☼ before ga. Day fine and sunny.
7	30.41	30.20	30.8	30.3	22.6	42.1	*143	*216	83	91	SW	1	N	1	0	0	1.50	Fine and sunny.
8	29.85	29.79	41.3	29.6	28.8	42.4	*224	*158	87	97	S	3	Calm	0	10	0	3.30	Dull, with ☼ in afternoon.
9	29.74	29.73	34.8	32.4	28.4	40.0	*179	*182	88	99	Calm	0	Calm	0	6	0	3.60	☼ a. and p.
10	29.35	29.06	47.6	41.0	32.0	49.8	*321	*199	97	78	SW	3	SW	4	10	10	2.40	Fine and bright. ☼ at night.
11	28.98	29.34	41.2	38.6	37.4	43.4	*184	*177	71	76	W	5	NW	5	8	3	0.50	Fine and bright all day.
12	29.72	29.85	34.1	33.8	32.0	38.8	*165	*190	83	98	NW	6	NW	3	0	0	—	Dull day.
13	29.72	29.76	32.0	32.0	29.4	34.2	*158	*176	87	97	NW	5	NW	3	10	10	0.40	Dull and cold. ☼ at night.
14	29.85	29.95	30.0	31.7	27.2	34.4	*118	*162	70	91	N	3	N	6	10	10	0.40	☼ ga. Dull, damp, and miserable.
15	30.06	30.12	36.0	35.0	31.5	37.4	*191	*180	92	88	NE	5	NE	4	10	10	0.70	☼ in morning. Squally op.
16	30.10	30.04	35.8	37.4	35.0	37.4	*190	*179	91	80	E	6	E	7	9	10	0.10	☼ before ga. Dull, damp, cold, and cheerless.
17	30.01	30.14	34.8	36.0	34.2	37.4	*182	*174	90	82	E	6	E	3	9	10	0.10	Dull and damp.
18	30.11	30.23	34.3	35.8	34.2	36.6	*192	*194	97	93	NE	2	NE	1	10	10	0.10	Dull and overcast all day.
19	30.26	30.19	34.6	34.0	34.0	36.0	*192	*174	96	88	Calm	0	Calm	0	10	10	0.10	Very dull and overcast all day.
20	30.12	30.05	31.5	31.3	30.5	34.0	*160	*151	91	87	Calm	0	Calm	0	10	10	0.10	Dull and overcast all day.
21	29.95	29.97	29.0	27.6	25.8	31.6	*134	*139	84	92	E	1	E	1	10	10	0.10	—
22	29.97	30.02	30.5	34.5	27.5	36.1	*162	*197	96	99	S	4	S	5	10	10	0.10	—
23	30.06	30.03	31.0	35.2	31.3	36.0	*176	*187	97	91	E	3	SE	1	9	10	0.10	Fine and sunny.
24	30.09	30.14	33.8	34.8	33.0	36.3	*178	*182	91	90	SE	4	S	3	9	5	0.50	Dull day. ☐ ☐ op.
25	30.09	30.04	32.8	38.6	32.0	39.1	*186	*220	100	94	SE	3	SE	3	9	10	1.00	Dull, with ☼.
26	29.96	29.90	44.2	44.4	37.0	45.6	*267	*276	92	95	S	5	S	6	10	9	0.10	☼ showers a. Fine and sunny p.
27	29.74	29.89	47.0	46.0	44.0	48.6	*281	*292	88	93	SW	6	SW	3	10	8	0.10	Very stormy, with ☼. Squally all [the afternoon.
28	29.73	29.49	49.6	52.2	44.2	55.2	*293	*366	83	94	SW	6	SW	6	10	7	2.00	☼ all day.
29	29.39	29.39	52.0	51.1	51.1	53.8	*348	*327	90	86	SW	7	SW	7	10	10	1.90	☼ p.
30	29.23	29.09	48.4	48.0	48.0	51.1	*321	*309	94	93	S	7	S	3	10	10	2.00	Squally ☼ a. A most tempestuous day.
31	28.94	28.98	44.7	45.8	37.0	49.5	*220	*222	91	73	S	6	S	7	10	0	2.00	
Means	29.881	29.884	37.2	36.9	32.8	40.8	*206	*203	89.9	91.1	3.3	2.8	8.5	6.8	2.330			

CARMARTHEN.

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

JANUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
	ins.	ins.	°	°	°	°	ins.	ins.	%	%					ins.		
1	30.26	30.27	41.0	34.4	35.7	43.7	2.27	1.68	89	84	SE	3	SE	3	9	8	Dull and cold.
2	30.10	29.91	31.8	34.2	31.0	37.5	1.46	1.65	81	83	SE	4	SE	2	10	10	Dull and cold.
3	29.88	30.03	36.4	36.8	35.3	38.4	1.99	2.04	93	94	SE	4	E	2	10	10	Dull and cold.
4	30.11	29.98	37.5	40.1	33.5	40.5	2.25	2.88	100	93	E	1	SE	5	10	10	Dull and cold.
5	29.94	30.22	48.2	32.8	32.1	48.7	3.38	1.76	100	94	W	1	Calm	0	10	0	—
6	30.23	33	30.0	33.8	24.4	46.3	1.48	1.80	88	92	W	1	W	1	8	0	0.50
7	30.42	30.13	28.0	43.1	26.0	44.4	1.53	2.49	100	89	Calm	0	SW	2	4	7	3.50
8	29.74	29.76	42.5	31.6	31.1	44.7	2.95	1.66	98	93	SW	2	Calm	0	10	0	1.10
9	72	72	38.5	39.0	31.0	43.1	2.23	2.10	95	99	W	1	Calm	0	7	10	5.60
10	37	07	48.1	41.0	33.8	50.3	3.31	2.00	98	78	SW	3	W	7	10	3	1.70
11	11	40	42.2	40.0	39.2	44.6	2.20	1.74	83	70	W	4	N	2	7	0	0.40
12	63	92	37.2	38.0	34.4	41.5	1.68	1.56	76	67	N	3	N	2	0	10	0.20
13	81	29.82	36.0	32.7	29.5	38.5	1.50	1.58	71	85	N	1	N	3	2	0	—
14	29.90	30.03	32.8	32.8	30.2	37.4	1.37	1.32	73	71	N	4	N	5	0	0	—
15	30.10	31.4	38.6	38.5	31.8	41.0	1.80	1.72	80	74	N	4	NE	6	7	10	—
16	30.13	00	38.3	39.2	35.6	40.8	1.81	1.81	78	76	NE	3	NE	5	8	10	—
17	29.99	00	36.2	35.3	34.2	39.8	1.74	1.64	82	79	E	3	E	5	10	0	—
18	30.14	22	35.5	35.5	33.5	37.3	1.89	1.93	92	94	E	1	E	1	10	10	—
19	25	17	35.3	35.8	33.1	39.0	1.73	1.68	84	80	E	1	E	3	10	10	—
20	30.08	30.04	34.0	31.2	30.3	36.9	1.73	1.48	88	85	Calm	0	E	3	10	10	—
21	29.94	29.88	30.0	29.0	28.2	33.6	1.35	1.60	75	100	E	2	E	2	0	0	—
22	03	03	34.4	38.0	27.8	38.3	1.82	1.99	92	87	E	2	E	5	8	7	—
23	29.93	29.96	40.3	39.6	37.2	45.3	2.14	1.93	86	79	E	3	E	3	3	10	3.90
24	30.01	30.06	38.2	39.4	37.1	44.5	2.20	2.25	98	94	E	1	E	1	10	10	0.60
25	30.03	29.95	40.7	44.3	38.1	44.9	2.38	2.83	94	98	SE	3	SE	3	10	10	0.50
26	29.88	80	45.7	46.4	43.9	48.7	3.07	3.11	100	98	S	2	S	3	10	7	0.80
27	71	89	46.2	45.4	44.4	48.9	3.11	3.04	99	100	SW	3	SW	3	10	10	2.40
28	56	40	47.0	49.1	44.3	49.4	3.23	3.49	100	100	S	7	S	7	10	10	3.50
29	31	31	49.2	48.1	47.5	50.8	3.48	3.18	99	95	S	7	S	2	10	8	1.60
30	29.13	29.07	45.9	43.3	42.7	49.4	3.07	2.58	100	93	S	3	S	2	10	10	1.20
31	28.73	28.95	45.4	44.4	38.8	47.0	2.84	2.43	94	83	S	7	SW	3	10	10	2.30
Means	29.88	29.85	39.1	38.5	34.6	43.2	2.22	2.10	89.9	87.5	2.7	2.9	7.8	7.1	4.260		

MARGATE.

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

JANUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	32° 43'	30° 37'	32° 8'	34° 8'	30° 0'	35° 5'	ins.	ins.	75	81	10	10	ins.	— before ga. Very dull.
2	30° 28'	30° 07'	33° 1'	35° 0'	32° 0'	35° 6'	147	169	78	82	E 1	E 1	10	10	—	Very dull.
3	30° 03'	30° 05'	32° 8'	34° 1'	32° 0'	35° 8'	146	174	78	88	E 1	Calm 0	10	10	—	Very dull.
4	30° 18'	30° 16'	35° 6'	38° 0'	33° 0'	39° 4'	194	223	94	97	Calm 0	W 1	10	4	0.010	Very dull day. Clear at night.
5	30° 10'	30° 08'	40° 9'	42° 1'	37° 1'	44° 6'	234	238	92	89	S 1	S 1	9	10	0.100	Milder, with ☉.
6	30° 33'	30° 26'	35° 8'	36° 2'	34° 2'	43° 2'	188	199	90	94	NW 1	Calm 0	10	0	—	☉ early a. Fine day.
7	30° 37'	30° 31'	33° 8'	33° 8'	31° 0'	41° 4'	168	176	94	90	Calm 0	Calm 0	0	0	0.020	☉ ga. and before.
8	30° 10'	29° 85'	36° 2'	34° 6'	32° 2'	38° 7'	187	198	87	99	S 2	S 4	10	10	0.010	Dull, with ☉.
9	29° 82'	29° 76'	37° 5'	39° 1'	34° 1'	39° 6'	103	214	86	90	S 2	S 3	10	10	0.120	Dull, with ☉.
10	29° 45'	28° 96'	35° 2'	48° 0'	35° 0'	49° 0'	179	215	87	78	S 4	S 5	10	10	0.320	☉ all day.
11	28° 90'	29° 32'	39° 9'	39° 9'	38° 1'	43° 6'	188	202	76	83	W 3	N 3	0	10	—	— before ga. ☉ a. and p. ☉
12	29° 52'	29° 52'	33° 6'	34° 0'	32° 0'	40° 8'	159	175	82	89	N 2	N 3	10	10	—	☉ a. and p. ☉
13	29° 57'	29° 57'	33° 0'	33° 8'	31° 2'	35° 0'	167	172	80	88	N 1	NE 2	10	10	0.110	☉ a. and p. ☉
14	29° 77'	29° 77'	31° 5'	37° 7'	30° 0'	38° 0'	136	191	77	84	E 1	NE 3	8	10	0.270	☉
15	29° 95'	29° 97'	37° 0'	35° 7'	33° 0'	38° 3'	205	175	94	83	E 4	E 2	10	10	0.040	☉
16	30° 01'	29° 97'	36° 0'	34° 6'	34° 0'	37° 2'	170	177	80	85	E 3	E 2	10	10	0.010	Fine day.
17	30° 03'	29° 10'	36° 0'	36° 8'	33° 0'	38° 0'	180	182	90	84	E 1	E 3	10	10	0.010	Fine day.
18	30° 10'	30° 07'	35° 6'	34° 6'	33° 0'	37° 5'	179	183	86	91	E 2	Calm 0	10	0	0.010	☉ ga. and before.
19	30° 24'	30° 18'	36° 2'	36° 0'	29° 8'	37° 7'	189	190	89	90	Calm 0	E 1	10	10	—	☉ before ga. Dull day.
20	30° 12'	30° 07'	31° 1'	30° 4'	28° 3'	37° 0'	147	134	84	79	Calm 0	Calm 0	10	8	—	☉ before ga. Dull day.
21	30° 02'	30° 03'	28° 6'	31° 6'	24° 2'	32° 0'	089	145	57	81	SE 1	Calm 0	1	0	—	☉ before ga. Fine day.
22	30° 11'	30° 10'	30° 0'	32° 7'	28° 3'	36° 0'	170	156	94	81	Calm 0	E 1	0	0	0.010	☉ before ga. Fine day. ☉
23	30° 10'	30° 12'	32° 1'	33° 7'	32° 0'	35° 7'	170	156	94	81	Calm 0	E 1	0	0	0.010	☉ before ga. Fine day. ☉
24	30° 17'	30° 21'	32° 0'	34° 8'	30° 6'	38° 8'	147	155	81	76	SE 1	SE 2	3	0	—	☉ before ga. Fine day.
25	30° 17'	30° 16'	34° 4'	33° 3'	31° 2'	40° 0'	184	101	93	85	SE 1	SE 1	0	0	—	Fine day.
26	30° 08'	30° 03'	34° 1'	36° 9'	30° 8'	42° 6'	186	201	95	92	SE 2	S 2	3	10	0.060	☉ ga.
27	29° 93'	29° 94'	40° 0'	42° 9'	35° 6'	46° 6'	231	254	94	92	SW 3	S 3	4	10	—	Milder, but dull.
28	29° 94'	29° 94'	46° 2'	47° 8'	42° 9'	48° 2'	204	293	95	88	S 4	SW 4	10	10	—	Dull day.
29	29° 61'	29° 55'	48° 0'	47° 0'	46° 1'	52° 4'	284	268	85	84	SW 3	SW 4	10	9	0.020	☉
30	29° 41'	29° 44'	45° 2'	46° 7'	44° 6'	48° 6'	266	278	89	88	SW 3	S 2	10	10	0.040	☉
31	29° 19'	29° 19'	43° 6'	45° 0'	41° 9'	47° 3'	263	264	93	89	SW 3	SSW 2	0	2	0.530	☉
Means	29° 937	29° 908	36° 0	37° 3	33° 6	40° 5	186	197	86° 2	87° 0	1° 6	1° 8	7° 2	6° 9	2° 140	

SOUTHAMPTON.

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

JANUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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° 39'	30° 35'	33° 3'	32° 1'	31° 7'	40° 6'	164	140	86	76	NE 2° 5	NE 3	10	10	—	Dull and cold.
2	30° 18'	30° 03'	32° 7'	36° 0'	31° 5'	36° 9'	154	179	83	84	ENE 2° 5	SE 1	10	10	—	Dull, cold, and overcast.
3	29° 08'	30° 03'	36° 8'	37° 9'	35° 5'	40° 2'	192	209	89	92	ESE 2	ESE 1	10	10	—	Overcast all day.
4	30° 18'	30° 13'	37° 8'	40° 1'	36° 2'	43° 5'	210	231	93	93	Calm 0	SSE 2	10	10	—	Very dull and gloomy, with ☉ a.
5	30° 06'	30° 16'	45° 8'	42° 4'	39° 9'	49° 2'	289	237	94	88	S 2	NW 1° 5	10	10	0.018	☉ a. and p. ☉ most of day. ☉ n.
6	30° 26'	30° 34'	30° 2'	34° 0'	28° 6'	43° 4'	168	186	100	95	Calm 0	Calm 0	0	0	—	☉ a. ☉ more or less all day.
7	30° 46'	30° 32'	25° 6'	36° 9'	25° 0'	40° 9'	139	200	100	92	Calm 0	Calm 0	7	0	0.010	☉ a. ☉ 2.30 a. ☉ 2 p. — 6 p. ☉ 1 p.
8	30° 00'	29° 84'	41° 1'	34° 0'	33° 2'	42° 6'	220	186	85	95	S 4° 5	NW 1	10	0	0.235	☉ a. ☉ (very dense) ga. ☉ more or less all day.
9	29° 82'	29° 77'	29° 6'	39° 7'	28° 2'	42° 9'	162	234	98	90	Calm 0	SW 1° 5	10	10	0.205	☉ 3.30 p. — 7.30 p. ☉ showers.
10	29° 49'	29° 46'	48° 7'	40° 9'	36° 5'	50° 9'	328	216	96	85	SW 4	SW 3	10	0	0.192	☉ a. Fine and dry. ☉ p.
11	29° 04'	29° 33'	41° 2'	36° 3'	36° 0'	45° 2'	200	177	77	83	WNW 5° 5	NW 3° 5	7	0	0.010	☉ on grass a. Fine, with cold dry- ing wind.
12	29° 70'	29° 81'	32° 4'	34° 0'	31° 4'	39° 1'	128	138	70	71	NNW 3	NW 4° 5	0	0	—	☉ Day fine and dry, but cold. ☉ noon.
13	29° 71'	29° 71'	30° 2'	31° 2'	29° 4'	38° 5'	123	151	73	85	NW 3	NW 2	1	3	—	Dull a. ☉ showers. ☉ from 8.30 p.
14	29° 79'	29° 86'	31° 6'	33° 8'	29° 5'	35° 1'	146	160	81	82	NE 3° 5	NE 6	10	10	0.050	☉ early a. ☉ p.
15	29° 97'	29° 01'	35° 8'	35° 3'	33° 2'	38° 4'	197	189	94	92	NE 4	NE 5	10	10	0.010	☉ Day dull, with cold wind. ☉ p.
16	30° 02'	29° 97'	35° 5'	36° 5'	34° 4'	38° 1'	164	174	79	80	NE 4	NE 6	10	10	—	☉ (force 7) in past n. Day fine and pleasant, but cold.
17	29° 98'	29° 06'	35° 9'	36° 2'	32° 5'	39° 0'	182	189	86	89	E 2° 5	NNE 2° 5	10	10	—	☉ Thickly overcast all day. ☉
18	30° 08'	29° 22'	35° 9'	36° 8'	34° 5'	39° 1'	194	197	92	91	NNE 1	N 1	10	10	—	☉ Thickly overcast all day.
19	29° 25'	29° 18'	35° 3'	35° 2'	34° 7'	37° 8'	181	181	88	88	NE 1	NE 1	10	10	—	☉ a. Thickly overcast all day.
20	30° 11'	30° 05'	33° 5'	32° 7'	32° 1'	36° 3'	182	148	94	80	NE 1	ESE 2° 5	10	10	—	☉ Thickly overcast and cold all day.
21	29° 97'	29° 94'	28° 7'	34° 4'	26° 6'	35° 1'	143	171	91	85	ENE 2° 5	SE 3	10	10	—	☉ Day dull. ☉ p.
22	29° 99'	29° 02'	35° 3'	37° 9'	34° 1'	39° 6'	178	209	86	92	SE 2	SE 3	10	0	—	☉ ☉ a. Beautiful day. ☉ n.
23	30° 05'	29° 04'	33° 9'	35° 9'	33° 3'	42° 1'	185	190	94	90	E 0° 5	E 2	10	5	—	☉ Day fine and pleasant. Large ☉ 6.30 p.
24	30° 07'	29° 14'	37° 9'	36° 1'	33° 2'	42° 3'	209	203	92	95	ESE 2° 5	E 2	10	5	—	☉ ☉ a. Beautiful day throughout. ☉ n.
25	30° 11'	30° 08'	36° 3'	38° 1'	33° 5'	45° 5'	207	223	97	97	E 2	SE 2° 5	1	3	0.050	☉ Very fine and pleasant p.
26	30° 03'	29° 97'	42° 2'	42° 1'	38° 0'	45° 4'	265	266	98	99	SE 2	S 2	10	10	0.162	☉ ☉ p.
27	29° 84'	29° 08'	46° 6'	45° 1'	41° 9'	52° 2'	294	279	93	93	SW 4	SW 1° 5	9	10	0.037	☉ ☉ p.
28	29° 88'	29° 02'	47° 0'	49° 0'	44° 1'	49° 6'	296	335	92	97	SW 4° 5	SW 6	10	10	0.487	☉ ☉ 3.40 p. — 10.30 p.
29	29° 53'	29° 47'	50° 1'	48° 8'	47° 9'	51° 2'	301	300	83	87	SSW 4	S 3° 5	10	10	0.570	☉ ☉ (force 7) a. ☉ p. ☉ 8 p.
30	29° 30'	29° 14'	47° 2'	47° 6'	46° 8'	51° 6'	313	317	97	97	S 4	SW 3	10	10	0.570	☉ ☉
31	29° 07'	29° 10'	45° 6'	45° 2'	40° 8'	48° 7'	266	260	87	87	S 5	SW 5° 5	10	10	0.635	☉ ☉
Means	29° 912	29° 897	37° 4	38° 1	34° 7	42° 6	206	209	89° 3	88° 9	2° 5	2° 7	8° 2	7° 1	2° 826	

ST. LEONARDS.

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

JANUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.				
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.			
1	30° 41'	30° 34'	33° 5'	33° 2'	32° 0'	36° 6'	143	151	75	70	E	3	E	2	10	10	—	Overcast and gloomy all day.
2	22	07	33° 3'	36° 2'	31° 8'	36° 6'	153	184	81	86	E	4	ESE	3	10	10	—	Overcast and gloomy all day.
3	03	04	31° 2'	38° 2'	34° 1'	38° 7'	174	206	87	90	ESE	4	SE	1	10	10	0.012	Overcast and gloomy all day.
4	17	15	38° 7'	39° 7'	36° 7'	42° 6'	229	241	97	98	N	1	Calm	0	10	0	0.010	☼ all day. ☼ 9 p. ☼ from 2 p.
5	11	10	43° 4'	44° 8'	39° 6'	45° 4'	264	297	94	100	SSW	3	Calm	0	10	10	0.111	Overcast all day. ☼ ☼ from 2 p.
6	23	29	34° 8'	36° 7'	33° 9'	43° 6'	180	200	89	91	NW	2	NW	2	0	0	—	Fine all day. ☼ at night.
7	44	30° 35'	35° 6'	37° 7'	33° 2'	43° 1'	188	200	90	91	NW	2	Calm	0	0	0	0.006	☼ a. Fine all day. ☼ at night.
8	30° 10	29° 84	40° 2'	39° 1'	36° 3'	43° 0'	218	217	88	91	SSW	5	SSW	7	10	10	0.065	Overcast day. ☼ p.
9	29° 82	76	38° 7'	42° 5'	38° 0'	43° 0'	217	255	92	94	S	2	SSW	4	10	10	0.300	
10	51	12	44° 5'	42° 6'	38° 7'	47° 9	289	245	98	89	SW	6	SW	4	10	3	582	☼ (moderate gale) in afternoon.
11	00	21	39° 1'	40° 3'	39° 0'	44° 3'	209	195	88	78	WSW	3	NW	3	3	10	—	
12	57	69	32° 5'	33° 9'	32° 0'	41° 0'	134	150	72	77	NW	4	NW	5	0	7	—	Fine a. ☼ ⁰ p.
13	63	64	32° 3'	30° 1'	30° 1'	35° 0'	160	154	91	92	NNW	2	NNW	4	9	0	0.081	☼ ⁰ at times.
14	76	72	30° 7'	33° 7'	29° 3'	34° 5'	167	184	98	94	NE	2	N	5	8	10	0.080	☼ late p.
15	93	07	33° 7'	33° 6'	33° 3'	35° 7'	186	185	95	95	NNE	2	NNE	2	10	6	0.136	Overcast day. ☼ a. and p.
16	29° 97	29° 94	34° 3'	34° 6'	33° 6'	36° 9	172	181	86	90	ENE	5	E	5	10	10	0.007	Overcast all day.
17	30° 01	30° 03	35° 6'	36° 7'	33° 8'	39° 0'	173	195	83	90	ESE	5	NE	4	9	8	—	
18	08	21	35° 1'	33° 6'	33° 3'	38° 4'	187	179	91	91	NE	2	NNE	3	10	6	0.095	[all day.
19	24	17	33° 6'	34° 3'	31° 2'	36° 3'	183	186	94	94	NE	1	NNE	2	10	10	—	☼ a. Overcast and gloomy, with ☼
20	12	30° 06	31° 3'	30° 7'	28° 3'	35° 1'	160	110	90	64	ENE	2	E	3	10	0	—	Day overcast.
21	00	29° 99	27° 9	32° 2	27° 6	33° 4'	119	179	79	98	E	2	E	2	8	0	—	Day overcast.
22	04	30° 08	34° 7'	36° 5'	31° 8'	39° 4'	182	199	90	92	SE	2	SE	2	10	0	0.005	☼ p.
23	09	09	35° 9	35° 4	34° 3'	41° 0'	194	177	92	85	ESE	2	ESE	3	0	3	0.011	☼ a. and at night.
24	14	18	34° 7'	37° 3'	34° 4	38° 9	178	190	88	86	ESE	2	ESE	2	10	0	—	☼ ⁰ p.
25	16	14	38° 3'	38° 1'	33° 2'	43° 1'	203	202	88	88	ESE	2	ESE	2	0	0	—	☼ a. Fine all day. ☼ at night.
26	08	02	41° 0	40° 6	37° 3'	44° 1'	237	238	93	94	SE	2	SE	2	5	10	0.032	☼ p.
27	29° 93	30° 00	42° 7	44° 6	40° 3'	46° 7	261	280	95	95	SSW	4	W	3	10	0	—	☼ ⁰ p. ☼ at night.
28	94	29° 70	44° 5'	45° 3'	42° 7	46° 8	282	280	95	93	SSW	4	SSW	5	5	10	0.021	☼ from noon.
29	62	56	45° 7'	45° 3'	44° 9	47° 1'	272	274	89	91	SW	3	SSW	4	9	10	0.033	Overcast day. ☼ ⁰ p.
30	40	23	45° 0	45° 6	45° 0	47° 3'	275	285	92	94	S	3	S	4	10	10	0.340	Overcast all day with constant ☼
31	29° 20	29° 19	44° 6	46° 0	41° 8	47° 5'	252	278	89	90	SSW	6	SW	7	1	10	0.395	☼ (gale) all day. Overcast. Frequent ☼ showers.
Means	29° 934	29° 899	37° 1	38° 0	35° 1	41° 1	202	210	86° 4	89° 7	3° 0		3° 1	7° 3	5° 9	2° 232		

BABBACOMBE.

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

JANUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°	37°	37°	45°	ins.	ins.	85	85	SE 3	E 3	7	10	ins.	☁ before ga. ☁ (mist) p.
2	30°30	30°30	37°	37°	36°	38°	29°	29°	87	85	ESE 4	SE 3	10	10	—	☁ (mist) a. and p.
3	29°01	30°03	40°	41°	37°	42°	21°	21°	88	88	SE 2	NNE 1	10	10	—	☁ (mist) a. ☁ p.
4	30°16	30°16	34°	42°	31°	44°	18°	18°	91	91	W 1	SW 1	6	4	—	☁ before ga. ☁ p.
5	30°01	30°01	34°	37°	31°	41°	18°	18°	92	92	SW 4	NW 2	10	10	—	☁ (mist) a. ☁ a. and p. ☁ after ga.
6	29°38	30°38	34°	36°	31°	47°	17°	17°	97	97	SW 1	W 2	1	0	—	☁ (mist) a. ☁ (at 4 feet) p.
7	30°47	30°47	35°	39°	33°	47°	18°	18°	90	86	W 1	SW 3	0	1	0.10	☁ till ga. Fine day. ☁ 3.20p. ☁ p.
8	29°88	29°88	45°	34°	34°	45°	24°	24°	83	83	S 7	SW 2	10	1	3.00	☁ a. Noon. ☁ ☁ ☁ (mist) p.
9	30°	30°	34°	39°	31°	46°	18°	18°	92	97	SW 2	WSW 2	3	9	0.40	☁ (mist) a. ☁ p.
10	30°	30°	34°	39°	31°	46°	18°	18°	92	97	WSW 6	W 5	10	3	0.40	☁ ☁ ☁ (gale) 1p. — 5p.
11	30°	30°	34°	39°	31°	46°	18°	18°	92	97	NNW 3	NNW 3	4	1	0.10	☁ in past a. Squally ☁ (gale) a.
12	30°	30°	34°	39°	31°	46°	18°	18°	92	97	NNW 3	N 3	0	1	—	Fine day.
13	30°	30°	34°	39°	31°	46°	18°	18°	92	97	NNW 3	N 3	0	2	—	Fine day. ☁ (gale) 5.30p.
14	30°	30°	34°	39°	31°	46°	18°	18°	92	97	NNW 3	NNE 4	1	1	—	☁ showers 11.20a. — 1.50p. Squally ☁
15	29°07	30°03	37°	37°	32°	33°	19°	19°	86	77	NE 5	NE 6	10	10	0.10	Squally ☁ (gale) 2a. — 3a. Squally ☁
16	30°00	29°04	36°	38°	35°	39°	18°	18°	75	79	NE 7	NE 7	10	10	0.20	Squally ☁ a. and p. Dull. ☁ a. and p.
17	29°89	30°06	37°	39°	35°	39°	18°	18°	84	84	E 6	NE 4	10	10	—	Squally ☁ (gale) a. ☁ ☁ ☁ (mist) a. and p. ☁ ☁ ☁ (mist) a. and p. Dull and gloomy.
18	30°09	30°09	35°	38°	33°	36°	18°	18°	88	88	NNE 2	NW 1	10	10	—	☁ (mist) a. and p. Dull and gloomy.
19	30°08	30°08	35°	38°	33°	36°	18°	18°	88	88	NNE 2	ENE 2	10	10	—	☁ (mist) a. and p. Very gloomy.
20	30°08	30°08	35°	38°	33°	36°	18°	18°	88	88	NE 1	E 3	10	10	—	☁ (mist) a. Dull and gloomy.
21	29°91	29°89	34°	36°	33°	37°	17°	17°	89	89	E 4	ESE 4	10	10	—	☁ (mist) a. Dull and gloomy.
22	29°94	29°94	34°	36°	33°	37°	17°	17°	89	89	E 4	ESE 4	10	10	—	☁ (mist) a. Dull and gloomy.
23	29°94	29°94	34°	36°	33°	37°	17°	17°	89	89	E 4	ESE 4	10	10	—	☁ (mist) a. Dull and gloomy.
24	30°04	30°04	42°	43°	41°	44°	25°	25°	94	94	ESE 4	E 3	9	10	0.10	☁ (mist) a. and p. Dull.
25	30°05	30°05	43°	45°	42°	45°	26°	26°	93	97	ESE 4	E 3	9	10	0.10	☁ (mist) a. and p. Dull.
26	29°95	29°88	45°	46°	44°	46°	30°	30°	99	97	S 4	S 5	10	10	0.10	☁ (mist) a. and p. Dull.
27	29°80	29°80	47°	47°	44°	50°	30°	30°	89	94	WSW 6	WSW 3	8	9	0.10	☁ ☁ ☁ before ga. Squally ☁ (gale) ☁ ☁ ☁ (mist) a. and p. ☁ ☁ ☁ (mist) a. and p. Dull and gloomy.
28	29°79	29°79	47°	47°	44°	50°	30°	30°	89	94	WSW 6	WSW 3	8	9	0.10	☁ ☁ ☁ before ga. Squally ☁ (gale) ☁ ☁ ☁ (mist) a. and p. ☁ ☁ ☁ (mist) a. and p. Dull and gloomy.
29	29°42	29°42	47°	47°	44°	50°	30°	30°	89	94	WSW 6	WSW 3	8	9	0.10	☁ ☁ ☁ before ga. Squally ☁ (gale) ☁ ☁ ☁ (mist) a. and p. ☁ ☁ ☁ (mist) a. and p. Dull and gloomy.
30	29°22	29°22	47°	47°	44°	50°	30°	30°	89	94	WSW 6	WSW 3	8	9	0.10	☁ ☁ ☁ before ga. Squally ☁ (gale) ☁ ☁ ☁ (mist) a. and p. ☁ ☁ ☁ (mist) a. and p. Dull and gloomy.
31	28°90	28°90	46°	46°	40°	47°	28°	28°	93	91	S 8	SW 5	10	10	0.50	Squally ☁ a. ☁ ☁ ☁ (St. Mary's Church struck), 2.48p. ☁ ☁ ☁ (mist) a. and p. ☁ ☁ ☁ (mist) a. and p. Dull and gloomy.
Means	29°88	29°88	40°	39°	37°	43°	22°	22°	87°	87°	3°	3°	7°	7°	2°	2°

ST. AUBIN'S, JERSEY.

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

JANUARY 1885.

1	30°36	30°33	38°	32°	31°	40°	20°	20°	87	88	SE 2	E 3	6	10	—	☁ a. Fine early a. Gloomy and cold p.
2	30°14	30°14	30°	30°	28°	32°	13°	13°	81	88	E 3	SE 3	10	8	—	☁ a. Fine early a. Gloomy and cold p.
3	29°06	29°06	30°	30°	28°	32°	13°	13°	81	88	E 3	SE 3	10	8	—	☁ a. Fine early a. Gloomy and cold p.
4	30°20	30°20	41°	41°	39°	46°	25°	25°	98	98	Calm 0	S 2	10	10	—	☁ a. and p. Bright noon — 1.30p.
5	30°16	30°16	43°	43°	40°	47°	26°	26°	99	99	S 2	SW 2	10	10	—	Gloomy day. ☁ p.
6	30°32	30°32	42°	43°	38°	48°	20°	20°	92	92	N 2	N 2	3	2	0.30	☁ a. Fine day. ☁ ☁ ☁ showers.
7	30°41	30°41	41°	41°	37°	50°	23°	23°	92	92	Calm 0	SE 2	7	0	—	☁ a. Fine day. ☁ ☁ ☁ showers.
8	30°12	29°87	38°	42°	36°	42°	22°	22°	98	92	SSE 3	Calm 0	10	10	—	☁ a. Fine day. ☁ ☁ ☁ showers.
9	29°86	29°86	39°	45°	36°	47°	23°	23°	98	92	Calm 0	SW 3	0	7	0.20	☁ a. Fine day. ☁ ☁ ☁ showers.
10	29°74	29°74	40°	46°	44°	51°	24°	24°	94	78	SW 4	SW 5	10	10	0.40	☁ a. Fine day. ☁ ☁ ☁ showers.
11	30°	30°	45°	41°	39°	47°	22°	22°	93	92	NW 3	N 2	6	10	0.10	☁ a. Fine day. ☁ ☁ ☁ showers.
12	30°75	30°75	37°	38°	36°	41°	18°	18°	83	80	N 3	N 3	7	3	—	☁ a. Fine day. ☁ ☁ ☁ showers.
13	30°79	30°79	37°	38°	36°	41°	18°	18°	83	80	N 3	N 3	7	3	—	☁ a. Fine day. ☁ ☁ ☁ showers.
14	30°75	30°75	37°	38°	36°	41°	18°	18°	83	80	N 3	N 3	7	3	—	☁ a. Fine day. ☁ ☁ ☁ showers.
15	30°89	30°89	37°	38°	36°	41°	18°	18°	83	80	N 3	N 3	7	3	—	☁ a. Fine day. ☁ ☁ ☁ showers.
16	30°85	30°85	37°	38°	36°	41°	18°	18°	83	80	N 3	N 3	7	3	—	☁ a. Fine day. ☁ ☁ ☁ showers.
17	29°91	29°91	32°	38°	31°	38°	11°	11°	88	82	E 3	E 2	3	0	—	☁ a. Fine day. ☁ ☁ ☁ showers.
18	30°07	30°07	32°	38°	31°	38°	11°	11°	88	82	E 3	E 2	3	0	—	☁ a. Fine day. ☁ ☁ ☁ showers.
19	30°10	30°10	34°	39°	31°	38°	11°	11°	88	82	E 3	E 2	3	0	—	☁ a. Fine day. ☁ ☁ ☁ showers.
20	30°13	30°13	34°	39°	31°	38°	11°	11°	88	82	E 3	E 2	3	0	—	☁ a. Fine day. ☁ ☁ ☁ showers.
21	30°10	30°10	34°	39°	31°	38°	11°	11°	88	82	E 3	E 2	3	0	—	☁ a. Fine day. ☁ ☁ ☁ showers.
22	30°10	30°10	34°	39°	31°	38°	11°	11°	88	82	E 3	E 2	3	0	—	☁ a. Fine day. ☁ ☁ ☁ showers.
23	30°10	30°10	34°	39°	31°	38°	11°	11°	88	82	E 3	E 2	3	0	—	☁ a. Fine day. ☁ ☁ ☁ showers.
24	30°10	30°10	34°	39°	31°	38°	11°	11°	88	82	E 3	E 2	3	0	—	☁ a. Fine day. ☁ ☁ ☁ showers.
25	30°10	30°10	34°	39°	31°	38°	11°	11°	88	82	E 3	E 2	3	0	—	☁ a. Fine day. ☁ ☁ ☁ showers.
26	30°10	30°10	34°	39°	31°	38°	11°	11°	88	82	E 3	E 2	3	0	—	☁ a. Fine day. ☁ ☁ ☁ showers.
27	30°10	30°10	34°	39°	31°	38°	11°	11°	88	82	E 3	E 2	3	0	—	☁ a. Fine day. ☁ ☁ ☁ showers.
28	30°10	30°10	34°	39°	31°	38°	11°	11°	88	82	E 3	E 2	3	0	—	☁ a. Fine day. ☁ ☁ ☁ showers.
29	30°10	30°10	34°	39°	31°	38°	11°	11°	88	82	E 3	E 2	3	0	—	☁ a. Fine day. ☁ ☁ ☁ showers.
30	30°10	30°10	34°	39°	31°	38°	11°	11°	88	82	E 3	E 2	3	0	—	☁ a. Fine day. ☁ ☁ ☁ showers.
31	29°18	29°18	46°	46°	41°	51°	28°	28°	89	83	S 5	SW 7	10	10	0.40	Squally ☁ ☁ ☁ showers. ☁ ☁ ☁ (gale) n.
Means	29°47	29°47	39°	40°	36°	43°	21°	21°	86°	87°	2°	2°	2°	2°	2°	2°

Earth temperature: Mean of 11 readings taken (every third day) at 1 foot 41°3; 3 feet 39°7; 6 feet 45°7

LONDONDERRY.

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

JANUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	45°	45°	43°	47°	in.	in.	95	90	S 3	SSW 3	10	10	ins.	
2	29°04	29°04	38°	37°	36°	40°	208	211	89	93	SE 3	SSE 3	10	10	'010	
3	'87	'93	37°	36°	35°	41°	205	202	92	93	SE 1	S 2	10	5	'030	☁ showers all day.
4	'75	'60	42°	41°	34°	53°	252	352	93	92	SE 5	SW 4	10	10	'200	Fine all day.
5	'89	'01	38°	38°	35°	54°	200	184	86	79	W 2	WSW 3	4	0	'130	☁ ☐ and ☐ ✱ (sleet) showers.
6	29°09	30°17	36°	36°	34°	41°	202	189	93	89	SW 2	SW 2	5	0	'220	☁ ☐ before ga.
7	30°14	29°77	37°	43°	34°	45°	206	210	91	84	WSW 2	SW 4	7	9	'200	☁ ☐ and ☐ ✱ (sleet) showers.
8	29°54	'54	37°	37°	33°	47°	178	100	81	94	W 2	SE 3	2	0	'230	☁ ☐ and ☐ ✱ (sleet) showers all day.
9	'56	29°51	35°	37°	33°	36°	200	211	97	93	SW 2	SW 1	6	10	'180	☁ ☐ and ☐ ✱ (sleet) showers all day.
10	'02	28°71	45°	41°	37°	51°	207	215	87	84	SW 5	WNW 5	10	10	'420	☁ ☐ and ☐ ✱ (sleet) showers.
11	29°08	29°68	42°	38°	35°	45°	234	176	87	76	W 3	NE 3	9	0	'090	
12	30°01	30°04	37°	34°	33°	42°	174	186	77	93	N 2	N 1	5	1	'040	☐ before ga.
13	29°05	'03	30°	34°	28°	40°	152	184	83	92	N 1	NE 1	6	4	'010	☐ before ga. ☐ (mist).
14	30°16	'32	35°	33°	29°	39°	150	161	73	84	NE 2	NE 1	4	1	—	Fine and clear all day.
15	'39	'39	28°	27°	26°	36°	135	137	86	91	NE 2	E 1	3	2	—	Fine and clear all day.
16	'43	'37	25°	36°	23°	38°	112	184	81	85	NE 2	E 2	6	6	—	Fine and clear.
17	'20	'18	37°	38°	35°	40°	189	188	85	82	NE 2	SE 1	8	10	—	
18	'22	'20	30°	36°	35°	41°	196	208	92	90	NE 2	S 1	10	10	—	
19	'22	'14	29°	30°	28°	41°	155	179	96	82	Calm 0	SW 1	0	10	—	
20	30°05	30°01	34°	36°	32°	41°	172	194	86	91	Calm 0	SE 1	4	0	—	Fine and clear all day.
21	29°06	29°84	33°	33°	32°	39°	172	169	88	86	SE 1	SE 1	10	10	—	Overcast and gloomy all day.
22	'82	'80	37°	39°	33°	41°	192	224	84	92	S 3	WSW 2	10	9	—	Overcast, with ☐ (mist).
23	'92	'95	40°	40°	38°	44°	220	229	88	90	SE 2	NE 1	10	10	'030	Overcast all day.
24	'94	'97	40°	43°	37°	44°	233	268	92	97	S 2	SE 1	10	10	—	Overcast all day.
25	'85	'68	43°	46°	41°	47°	245	301	88	94	SSW 2	SSW 3	10	10	'170	Overcast all day.
26	'68	'65	43°	42°	43°	52°	273	261	97	90	SE 1	SE 1	10	1	'020	
27	'54	'71	44°	41°	40°	47°	272	248	94	94	S 1	W 1	10	2	'250	☐ p.
28	'06	'19	47°	42°	40°	49°	308	260	96	91	S 4	S 1	10	10	—	☐ during the day.
29	29°07	29°10	50°	46°	42°	52°	330	266	91	84	S 2	SW 2	10	10	'050	
30	28°04	28°88	41°	41°	40°	49°	228	237	87	90	SW 2	S 3	0	10	'010	
31	28°63	28°53	41°	41°	39°	46°	252	241	90	92	S 3	SW 2	3	10	'360	
Means	29°68	29°60	38°	39°	35°	44°	213	218	88°	89°	2°	2°	7°	6°	2°810	

MARKREE CASTLE, SLIGO.

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

JANUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	ins.	Overcast all day.
2	29° 99	29° 93	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
3	29° 80	29° 73	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
4	29° 84	29° 73	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
5	29° 73	29° 60	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
6	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
7	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
8	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
9	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
10	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
11	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
12	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
13	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
14	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
15	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
16	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
17	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
18	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
19	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
20	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
21	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
22	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
23	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
24	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
25	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
26	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
27	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
28	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
29	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
30	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
31	29° 97	29° 92	46°	46°	44°	48°	202	200	94	94	SE 1	SE 4	10	10	0.020	Overcast all day.
Means	29° 740	29° 727	38° 3	38° 6	34° 0	43° 2	218	223	92° 0	93° 5	2° 1	2° 4	8° 5	8° 1	3° 000	

DUBLIN.

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

JANUARY 1885.

1	30° 14	30° 14	45° 2	43° 9	43° 5	45° 5	280	259	93	91	SSE 3	SSE 3	10	10	0.018	Gloomy and damp.
2	29° 98	29° 82	38° 7	39° 2	37° 4	44° 3	204	209	87	88	SEB.S 6	SSE 5	10	10	0.007	Squally a. and p. Colder and drier.
3	29° 86	29° 73	38° 0	40° 2	37° 0	41° 0	212	244	93	98	SEB.S 3	Calm 0	10	4	0.039	Overcast all day.
4	29° 77	29° 77	44° 7	52° 5	33° 9	52° 8	259	330	88	84	S 2	SW 3	9	8	0.043	Squally a. Squally p., and very warm.
5	29° 95	29° 15	42° 1	37° 2	37° 2	53° 4	229	180	86	76	W 3	W 3	8	0	0.043	Partial a. Day bright and bracing.
6	29° 11	29° 27	40° 8	39° 8	36° 3	33° 4	200	186	79	86	W 3	W 3	0	0	0.043	Squally a. Day bright and bracing.
7	29° 27	29° 97	40° 8	45° 4	32° 3	46° 4	200	215	79	71	swb.W 3	SSW 4	4	1	0.321	Very fine and mild. Squally p.
8	29° 94	29° 66	38° 8	37° 3	30° 6	47° 6	206	178	88	81	WSW 4	WSW 5	2	0	0.106	Very fine and mild. Squally p.
9	29° 95	29° 62	37° 0	40° 8	35° 0	41° 4	200	216	91	85	W 2	WSW 3	1	10	0.160	Mountains white with snow.
10	29° 13	29° 87	50° 2	40° 1	38° 1	51° 2	302	193	84	77	WSW 6	W 7	8	10	0.030	Squally a. and p. Bar. 28° 84 11p.
11	29° 08	29° 58	33° 6	38° 3	37° 8	43° 6	204	205	83	83	WNW 4	WNW 2	5	1	0.010	Squally a.
12	29° 05	29° 02	33° 4	34° 9	31° 2	39° 4	161	171	84	84	NW 3	NW 3	0	3	0.031	Very fine and bright.
13	29° 01	29° 04	30° 0	31° 1	25° 0	36° 3	140	171	83	99	NW 2	NNW 2	0	0	0.031	Very fine and bright.
14	29° 07	29° 22	32° 9	37° 6	30° 6	38° 3	155	162	83	73	N 3	NE 3	7	2	0.036	Very fine and bright.
15	29° 23	29° 20	30° 1	40° 3	30° 8	41° 4	195	199	82	79	NE 3	NE 3	10	8	0.011	Very fine and bright.
16	29° 29	29° 23	40° 3	41° 6	38° 3	42° 2	174	199	69	74	ENE 4	ENE 5	10	10	0.019	Squally p. (select) 1.30p.
17	29° 07	29° 13	40° 8	39° 2	36° 7	41° 8	197	187	78	79	E by N 6	SE 3	10	4	0.093	Squally a. and p. Very cold.
18	29° 14	29° 20	39° 9	38° 2	37° 1	40° 9	195	198	79	87	E 3	Calm 0	10	7	0.010	Dull and cold a. Very cold.
19	29° 24	29° 14	31° 1	38° 0	29° 1	40° 6	151	172	86	75	Calm 0	SE 2	4	10	0.010	Very cold a. Very fine and mild later.
20	29° 06	29° 03	38° 1	38° 2	34° 8	39° 4	191	212	83	93	SSE 2	SSE 1	10	10	0.010	Very cold a. Very fine and mild later.
21	29° 01	29° 02	37° 9	36° 0	35° 6	38° 8	192	167	85	79	ESE 2	ESE 2	10	10	0.014	Mild and dull. Squally p.
22	29° 05	29° 08	38° 3	40° 6	35° 1	40° 9	192	235	83	93	SEB.S 3	SSE 2	9	10	0.014	Warm and bright. Very cold.
23	29° 03	29° 03	43° 1	42° 8	40° 0	44° 5	237	235	85	86	SEB.S 3	SSE 3	10	10	0.014	Very cold a. Very fine and mild later.
24	29° 06	29° 00	42° 9	44° 4	41° 8	46° 1	245	262	89	90	SE 2	SSE 2	10	10	0.061	Mild and dull. Squally p.
25	29° 02	29° 07	43° 8	48° 4	42° 4	48° 7	258	297	91	88	SE 3	S by E 4	10	9	0.148	Warm and bright. Very cold.
26	29° 03	29° 09	49° 0	46° 9	46° 0	52° 7	307	300	89	95	S by W 3	S 3	7	10	0.100	Very cold a. Very fine and mild later.
27	29° 57	29° 28	46° 2	45° 0	43° 1	48° 0	282	251	91	84	WSW 3	SW 2	8	7	0.021	Very cold a. Very fine and mild later.
28	29° 30	29° 22	47° 0	53° 9	44° 1	53° 2	240	222	75	80	WSW 7	SSW 4	8	10	0.070	Brilliant during the day.
29	29° 13	29° 15	51° 2	50° 1	47° 9	53° 7	340	298	91	83	S 2	S 2	8	7	0.046	Very fine a. Very cold.
30	29° 04	29° 07	46° 0	44° 8	44° 3	50° 6	237	229	77	78	SSW 3	S 2	5	5	0.133	Very fine a. Very cold.
31	29° 59	29° 05	45° 1	43° 8	41° 3	47° 0	203	225	83	73	SSE 3	WSW 7	9	5	0.133	Very fine a. Very cold.
Means	29° 794	29° 803	41° 6	41° 6	37° 8	45° 1	221	222	84° 7	83° 9	3° 3	3° 0	7° 2	6° 5	1° 617	

PARSONSTOWN (BIRR CASTLE).

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

JANUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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° 3	48° 5	45° 5	49° 9	214	214	93	95	SSE 2	S 3° 5	8	10	ins.	a. (mist) p. 0 (mist) before ga.
2	29° 85	29° 74	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
3	29° 85	29° 77	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
4	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	a. (mist) p. 0 (mist) before ga.
5	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
6	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
7	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	a. (mist) p. 0 (mist) before ga.
8	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
9	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
10	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	a. (mist) p. 0 (mist) before ga.
11	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
12	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
13	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	a. (mist) p. 0 (mist) before ga.
14	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
15	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
16	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	a. (mist) p. 0 (mist) before ga.
17	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
18	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
19	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	a. (mist) p. 0 (mist) before ga.
20	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
21	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
22	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	a. (mist) p. 0 (mist) before ga.
23	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
24	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
25	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	a. (mist) p. 0 (mist) before ga.
26	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
27	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
28	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	a. (mist) p. 0 (mist) before ga.
29	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
30	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
31	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	a. (mist) p. 0 (mist) before ga.
32	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
33	29° 86	29° 73	41° 8	41° 8	40° 7	48° 9	247	251	94	96	SSE 3	SSE 3	10	10	0.260	
Means	29° 779	29° 778	39° 2	39° 4	34° 6	44° 6	226	230	92° 1	93° 0	1° 1	2° 1	6° 9	7° 9	2° 411	

DUNROBIN CASTLE.

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

FEBRUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.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.	38.2	38.2	33.5	42.7	in.	in.	2.04	1.89	89	93	SW	SW	Dull and cloudy a.
2	28.68	28.95	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	Dull all day.
3	28.77	29.20	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	Mild a. Clear and frosty p.
4	29.27	29.18	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	Dull, with ☁.
5	29.03	29.27	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	Mild. ☁ showers.
6	29.03	29.27	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	Clear all day.
7	29.13	29.39	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	Dull p.
8	29.24	29.10	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers. ☁ p.
9	29.24	29.49	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
10	29.28	29.48	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
11	29.47	29.73	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
12	29.67	29.76	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
13	29.64	29.41	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
14	29.63	29.64	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
15	29.45	29.39	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
16	29.33	29.29	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
17	29.40	29.41	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
18	29.42	29.59	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
19	29.70	29.86	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
20	29.90	29.90	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
21	29.88	29.35	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
22	29.98	29.33	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
23	29.43	29.35	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
24	29.30	29.29	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
25	29.57	29.80	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
26	29.48	29.43	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
27	29.52	29.52	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
28	29.87	29.09	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.
Means	29.399	29.434	38.2	38.2	33.5	42.7	2.04	1.89	89	93	SW	SW	SW	SW	☁ showers.

BRAEMAR.

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

FEBRUARY 1885.

1	28.70	28.90	36.5	36.6	36.5	39.5	1.80	1.69	86	78	SW	2	SW	8	8	2	0.00	Stormy p.
2	29.00	28.79	34.7	38.9	34.7	39.3	1.82	1.96	90	84	SW	1	SW	8	10	4	0.20	Stormy day.
3	28.89	29.18	35.5	35.0	34.7	39.8	1.32	1.78	87	87	SW	1	SW	2	7	4	—	—
4	28.22	28.15	31.1	36.5	31.1	36.9	1.47	2.12	84	99	SW	0.5	SW	2	8	4	0.350	Dull.
5	29.03	29.24	33.1	34.9	31.8	37.4	1.77	1.79	94	88	SW	0.5	NE	2	8	4	0.660	Dull.
6	29.38	29.04	30.5	40.6	28.6	40.6	1.51	2.17	88	86	SW	0.5	SW	8	8	10	0.160	Dull.
7	29.18	29.40	35.7	37.5	35.1	42.5	1.72	1.87	82	83	SW	4	SW	6	6	7	0.130	Dull.
8	29.23	29.16	36.0	36.8	34.9	45.3	1.86	2.00	87	92	S	6	S	2	8	10	—	Clear and cold.
9	29.24	29.45	32.7	33.7	31.4	40.5	1.54	1.54	83	80	SW	3	SW	2	6	0	0.250	Fair and clear a. Dull with ☁ p.
10	29.80	29.59	28.0	35.7	28.4	37.0	1.30	1.83	83	87	SW	0.5	SW	6	4	9	0.030	Fair and clear a.
11	29.58	29.80	40.6	36.6	35.1	44.8	1.94	1.94	77	90	SW	8	SW	2	4	8	0.140	Dull with ☁ showers.
12	29.64	29.72	46.5	41.7	35.8	47.5	2.66	2.56	85	95	SW	0.5	SW	4	10	8	0.590	Dull with ☁ showers.
13	29.65	29.37	36.0	33.6	35.4	43.5	2.08	2.14	93	92	SW	0.5	SW	4	10	8	—	Clear and frosty.
14	29.60	29.60	34.7	27.7	27.7	40.7	1.50	1.46	74	95	NW	0.5	SW	0.5	6	0	—	Clear and frosty.
15	29.51	29.39	32.0	31.7	25.4	37.1	1.51	1.51	83	85	SW	1	SW	1	6	9	—	Clear and frosty.
16	29.46	29.41	25.2	20.5	20.2	37.3	0.92	1.11	85	100	SW	0.5	SW	0.5	0	0	—	Clear and frosty.
17	29.45	29.42	16.9	25.7	19.7	35.4	0.94	1.39	100	100	SW	0.5	SW	0.5	1	8	—	Clear and frosty.
18	29.45	29.60	10.7	29.7	19.4	36.4	1.07	1.46	100	88	SW	0.5	NW	0.5	0	4	—	☁ showers.
19	29.67	29.97	38.7	22.2	21.9	34.7	1.58	1.19	100	100	SW	2	N	0.5	7	0	—	Clear and frosty.
20	30.04	30.01	12.4	22.0	12.4	34.8	0.70	1.23	100	100	NE	0.5	SW	0.5	2	2	—	☁ showers.
21	29.98	29.56	28.2	28.7	18.4	35.6	1.54	1.58	100	100	SW	6	NW	8	7	10	0.320	Fine a. Dull p.
22	29.11	29.36	35.4	33.3	19.4	39.7	1.92	1.64	92	86	SW	10	SW	8	10	8	0.700	☁ (sleet) showers.
23	29.35	29.44	35.5	40.3	39.6	46.2	2.05	2.21	90	78	S	6	SW	8	8	4	0.150	Dull.
24	29.62	29.85	40.0	35.0	35.0	46.3	1.95	1.78	79	87	SW	6	SW	2	3	1	0.030	Dull.
25	29.62	29.46	40.0	45.3	33.4	47.5	2.18	2.57	89	85	NW	6	W	4	8	9	0.340	Dull with ☁.
26	29.48	29.52	43.8	43.6	43.5	47.2	2.57	2.55	90	83	SW	6	SW	4	7	7	0.040	Dull with ☁.
27	29.85	29.13	35.5	32.7	32.7	44.5	1.48	1.59	71	82	N	2	NW	4	7	7	0.010	☁ showers.
Means	29.399	29.463	33.1	34.5	29.7	40.9	1.71	1.81	88.2	89.2	3.1	3.6	6.1	5.7	4.260			

LAUDALE.

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

FEBRUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.				
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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	42°2	39°1	45°0	in.	in.	2.45	2.43	82	85	SW	3	S	2	10	6	ins.	☁ (mist) a. ☁ showers all day.
2	28°69	28°93	42°0	42°2	39°1	45°0	2.45	2.43	82	85	SE	3	SE	1	9	5	10	5	2.510	Bar. fell 3p.—8p. ☁ [from 3p.]
3	28°90	28°68	41°0	43°7	38°0	44°0	2.13	2.45	83	85	N	1	SE	1	10	6	10	6	2.300	☁ (mist) a. ☁ and ☁ (sleet)
4	29°19	29°12	37°6	41°0	35°6	44°0	2.13	2.35	95	92	SE	1	SE	1	2	10	—	—	—	Fine all day. Very dark at 9p.
5	29°19	29°09	39°0	41°1	37°1	42°1	2.01	2.01	85	79	SE	1	SE	1	2	10	—	—	—	☁ (mist) a. ☁ showers all day.
6	29°08	29°28	38°0	41°9	36°8	42°0	2.06	2.24	90	85	Calm	0	W	1	10	4	10	4	0.050	☁ (mist) a. ☁ showers all day.
7	29°30	29°07	39°1	38°1	36°0	45°1	2.17	2.25	91	98	E	5	Calm	0	10	10	10	10	1.860	☁ (mist) a. ☁ ☁ 9.30p.
8	29°13	29°38	38°9	43°0	37°5	45°0	2.13	2.15	91	78	S	1	W	5	10	5	10	5	0.920	☁ a. Day damp and cold.
9	29°05	29°19	44°0	39°8	37°4	49°0	2.07	2.13	93	88	S	7	Calm	0	10	10	10	10	1.190	☁ a. Bar. 28.95 2p. ☁ during [day.]
10	29°24	29°56	37°2	40°0	35°8	42°8	2.04	2.07	92	84	SE	1	W	2	10	3	10	3	0.170	☁ showers all day.
11	29°78	29°43	35°1	46°8	29°0	47°0	1.83	2.87	89	90	E	1	SSE	5	10	10	10	10	1.220	Gloomy. ☁ from 1.30p.
12	29°68	29°71	44°1	44°9	39°9	51°2	2.49	2.74	85	92	NW	3	S	5	9	10	10	10	0.770	Dull cold and damp a. ☁ (mist) p.
13	29°62	29°76	52°1	40°6	39°2	52°1	3.39	2.19	86	87	SW	5	Calm	0	10	10	10	10	0.620	☁ till 7.30 p. ☁ (mist) 4p.—8p.
14	29°60	29°41	43°9	44°0	39°0	48°9	2.71	2.65	95	92	S	1	W	1	10	10	10	10	0.500	☁ (mist) a. ☁ till 2.30 p.
15	29°64	29°67	36°0	31°0	30°4	44°0	2.08	1.48	98	85	Calm	0	Calm	0	1	0	10	10	0.400	Very fine day.
16	29°46	29°40	34°0	31°6	29°4	38°0	1.90	1.44	97	80	S	1	NW	1	10	0	10	0	—	☁ (mist) ☁ a. Very fine evening.
17	29°41	29°35	24°6	26°6	25°0	35°1	1.09	1.28	82	89	SE	1	Calm	0	1	0	10	0	—	Very fine day.
18	29°42	29°62	28°0	31°2	26°7	36°1	1.41	1.74	92	93	SE	1	SE	1	10	10	10	10	0.230	☁ 3p.—6p. ☁ ☁ (sleet) op.
19	29°68	29°80	37°1	34°0	28°9	40°1	2.21	1.96	100	100	W	5	Calm	0	9	1	10	10	0.020	Cirrus from N.E. 10a. ☁ 3p., then fine.
20	29°84	29°90	31°2	36°1	28°9	37°1	1.74	2.09	98	98	S	1	S	4	0	6	10	10	0.020	☁ ☁ showers.
21	29°83	29°35	37°0	35°4	31°8	38°7	1.82	1.98	83	95	S	7	S	11	10	10	10	10	2.500	Long belt of red roll-cum. to S.W. [Fine day. Upper clouds motionless 9p.] ☁ 2 ☁ 1p.—7p. (Snow 6 inches [deep 9p.]
22	29°03	29°39	43°0	42°0	34°0	45°3	2.38	2.18	86	82	SW	4	W	3	10	10	10	10	0.560	☁ ☁ showers all day. ☁ ☁ ☁ 9p.
23	29°39	29°38	43°4	46°7	37°4	50°0	2.53	2.17	99	99	S	4	S	1	10	10	10	10	0.520	☁ till 11a.
24	29°33	29°28	50°1	50°0	45°2	51°0	3.60	2.61	99	100	SSW	1	WSW	4	10	9	10	10	0.280	☁ (mist) a. and op. ☁ 11p.—Midn.
25	29°64	29°78	44°0	39°3	39°3	50°0	2.88	2.41	100	100	W	2	W	1	4	7	10	10	0.530	☁ showers all day. Small ☁ [Yellow ☁ 10p.]
26	29°45	29°41	47°0	49°4	38°9	52°0	3.22	2.45	100	98	S	6	W	5	10	5	10	10	0.590	☁ (mist) a. ☁ ☁ showers all day.
27	29°45	29°56	47°9	43°0	41°9	50°0	3.34	2.67	100	100	S	5	W	1	10	10	10	10	0.490	☁ (mist) a. and p.
28	29°92	29°17	39°2	36°2	35°0	42°0	2.26	2.12	98	99	N	3	N	1	4	6	10	10	—	☁ a. Yellow ☁ round moon p. ☁
Means	29°39.5	29°42.8	39°4	39°8	34°7	44°5	2.229	2.229	92.3	91.5	2°6		2°1		7°9	6°7	12°490			

ROTHESAY.

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

FEBRUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	39°	38°	40°	ins.	ins.	77	84	SW	SE	—	—	ins.	
2	28°74	29°03	41°	39°	38°	40°	216	218	84	77	SE	S	—	—	230	Dull, with ●.
3	28°94	29°20	39°	41°	38°	45°	215	230	90	89	W	S	—	—	220	Cold.
4	29°24	30°10	37°	38°	35°	42°	194	215	88	94	SE	E	—	—	270	Dull.
5	30°12	30°37	36°	38°	33°	42°	201	220	93	100	W	S	—	—	170	Fine day.
6	30°36	30°55	38°	45°	36°	46°	226	236	98	95	ESE	S	—	—	100	Dull, with ●.
7	30°32	29°50	39°	41°	34°	45°	204	216	84	85	S	SW	—	—	360	Cloudy, with ● showers.
8	30°15	29°18	40°	37°	37°	47°	316	183	100	83	S	NW	—	—	070	Dull, with ●.
9	30°28	29°57	38°	40°	36°	43°	200	224	87	90	SW	W	—	—	—	
10	30°32	29°56	34°	45°	33°	46°	170	207	85	97	NW	SW	—	—	330	Dull, with ●.
11	30°24	29°43	44°	45°	42°	50°	237	277	81	92	W	SW	—	—	085	● showers.
12	30°23	29°42	47°	45°	45°	52°	324	291	93	91	S	W	—	—	403	Dull, with ●.
13	30°25	29°50	48°	44°	43°	48°	314	252	94	86	SSW	SW	—	—	310	Dull, with ●.
14	30°27	29°50	37°	31°	31°	45°	186	148	84	85	NW	Calm	—	—	—	Fine day.
15	30°53	30°40	32°	34°	30°	43°	159	196	86	100	SW	Calm	—	—	083	✱ (sleet) showers.
16	30°41	30°35	30°	31°	28°	38°	123	143	73	80	Calm	Calm	—	—	—	Clear and frosty.
17	30°44	30°42	29°	34°	26°	42°	106	163	67	82	Calm	Calm	—	—	050	
18	30°45	30°40	32°	33°	31°	42°	162	130	90	69	NE	N	—	—	—	
19	30°26	30°48	35°	35°	28°	41°	172	174	83	85	SW	Calm	—	—	—	
20	30°28	30°36	33°	32°	30°	40°	128	141	67	75	SE	SE	—	—	—	
21	30°24	30°44	35°	34°	32°	37°	146	186	70	95	SSE	S	—	—	393	Dull. (gale).
22	30°18	30°55	44°	40°	34°	47°	241	250	82	100	SW	SW	—	—	080	● showers.
23	30°49	30°44	44°	45°	38°	48°	287	298	99	99	S	S	—	—	120	Blowy.
24	30°42	30°40	46°	45°	44°	47°	300	285	96	94	S	S	—	—	095	
25	30°22	30°48	45°	43°	41°	50°	253	248	84	89	WSW	S	—	—	320	Fine day.
26	30°54	30°40	44°	46°	42°	47°	298	310	100	99	SSE	S	—	—	090	Dull, with ●.
27	30°52	30°56	45°	45°	43°	48°	298	299	99	98	SSW	SSW	—	—	090	Mild.
28	30°55	30°59	40°	32°	32°	46°	218	152	85	83	NW	NNW	—	—	005	Fine day.
Means	29°457	29°487	39°6	39°6	35°9	45°3	218	223	86°9	89°3	—	—	—	—	3°600	

PINMORE.

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

FEBRUARY 1885.

1	28°80	29°07	39°	35°	36°	44°	208	198	87	91	S	0°5	SW	0°5	—	—	030	
2	28°01	28°31	39°	41°	33°	44°	217	222	91	86	S	4	S	4	—	—	140	
3	28°99	29°23	39°	40°	35°	44°	224	217	93	86	NW	0°5	NW	4	—	—	—	
4	29°24	30°12	38°	35°	32°	41°	206	195	88	94	SE	4	SE	3	—	—	200	
5	30°16	30°41	31°	39°	29°	42°	174	230	96	96	NW	3	NW	4	—	—	260	
6	30°31	30°44	42°	44°	35°	46°	241	271	91	95	S	4	S	6	—	—	780	
7	30°29	30°40	36°	39°	35°	45°	195	200	91	84	SW	0°5	SW	0°5	—	—	420	
8	30°21	30°12	48°	37°	35°	49°	318	184	95	83	S	3	NW	4	—	—	400	
9	30°34	30°67	37°	39°	31°	44°	208	193	92	79	NW	4	NW	4	—	—	290	
10	30°30	30°65	34°	45°	33°	46°	192	288	96	94	SW	4	S	6	—	—	250	
11	30°33	30°93	43°	44°	43°	49°	243	274	84	92	S	3	SW	3	—	—	080	
12	30°35	30°88	48°	49°	44°	50°	297	327	88	91	S	0°5	SW	0°5	—	—	430	
13	30°25	30°59	47°	43°	43°	50°	290	221	90	80	SW	4	SW	4	—	—	100	
14	30°21	30°71	34°	28°	28°	45°	138	150	93	95	SW	0°5	NW	0°5	—	—	—	
15	30°48	30°41	34°	26°	26°	42°	140	150	98	97	NW	0°5	N	0°5	—	—	150	
16	30°48	30°44	36°	32°	30°	44°	112	167	79	92	SW	0°5	NW	0°5	—	—	—	
17	30°45	30°47	35°	29°	28°	42°	191	174	92	96	N	0°5	N	0°5	—	—	—	
18	30°47	30°66	35°	31°	28°	41°	191	174	92	96	N	0°5	N	0°5	—	—	—	
19	30°51	30°57	38°	25°	23°	41°	148	131	96	95	N	0°5	N	0°5	—	—	—	
20	30°59	30°52	30°	27°	23°	40°	157	104	92	71	N	0°5	N	3	—	—	—	
21	30°55	30°55	32°	33°	22°	35°	102	179	88	99	E	4	E	10	—	—	1350	Very stormy day, with ✱².
22	30°53	30°64	42°	38°	33°	42°	223	184	84	79	SW	4	SW	4	—	—	150	
23	30°58	30°47	43°	45°	37°	47°	259	293	91	95	W	4	W	6	—	—	150	
24	30°46	30°47	46°	43°	43°	47°	307	264	98	94	W	3	SW	4	—	—	100	
25	30°29	30°40	43°	43°	41°	49°	246	259	88	94	W	0°5	W	3	—	—	440	
26	30°41	30°58	45°	46°	38°	48°	293	308	95	98	S	6	S	4	—	—	140	
27	30°57	30°63	46°	46°	45°	50°	303	301	96	97	S	0°5	SW	0°5	—	—	—	
28	30°59	30°52	40°	31°	31°	46°	187	145	75	80	NW	0°5	N	0°5	—	—	—	
Means	29°510	29°539	38°7	38°2	33°7	45°2	217	213	90°1	89°6	—	—	—	—	—	—	6°100	

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45 475 475

SCALEBY (NEAR CARLISLE).

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

FEBRUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	39°	39°	45°	ins.	ins.	70	85	SW	7	SW	2	0	1	ins.	Squally a.
2	28°87	29°07	40°	39°	39°	47°	197	204	80	80	E	3	SW	4	10	3	222	
3	28°96	28°90	40°	43°	37°	47°	204	227	80	80	E	3	Calm	0	10	0	—	Squally before ga.
4	28°98	29°27	39°	34°	34°	44°	224	182	93	91	SW	2	Calm	0	10	0	—	
5	29°26	30°12	35°	37°	34°	45°	185	202	90	92	E	1	SE	4	10	10	110	
6	30°14	30°37	32°	38°	31°	41°	179	215	98	93	SW	2	SW	5	8	8	039	
7	30°48	30°12	38°	47°	34°	49°	209	283	89	87	SW	5	SW	6	10	10	120	Squally p.
8	30°31	30°61	38°	40°	38°	48°	215	214	93	85	SW	3	SW	3	6	0	280	
9	30°31	30°61	40°	45°	39°	52°	235	294	94	87	SW	7	SW	2	10	10	410	Squally a.
10	30°34	30°63	37°	38°	34°	52°	202	215	92	93	SW	3	W	4	10	3	110	
11	30°87	30°71	36°	42°	34°	43°	204	252	96	93	Calm	0	SW	6	10	10	220	Squally p.
12	30°75	30°93	40°	43°	39°	51°	267	240	87	85	SW	4	SW	4	9	6	—	
13	30°85	30°85	49°	47°	47°	51°	334	293	84	93	SW	6	SW	4	10	10	130	
14	30°78	30°59	46°	46°	43°	52°	274	272	82	91	W	2	N	3	5	0	—	
15	30°64	30°69	37°	33°	32°	49°	181	173	82	91	W	2	N	3	5	0	—	
16	30°53	30°41	33°	32°	28°	39°	153	171	81	91	Calm	0	N	2	10	10	060	Overcast all day.
17	30°37	30°27	30°	34°	29°	41°	147	172	87	86	Calm	0	SW	2	10	10	—	
18	30°41	30°43	31°	29°	29°	42°	153	141	86	87	NE	2	Calm	0	3	0	—	
19	30°45	30°61	33°	30°	28°	38°	153	147	81	87	Calm	0	E	2	10	0	—	* ga.
20	30°79	30°83	28°	30°	21°	41°	130	170	84	100	E	3	SE	2	0	5	—	
21	30°87	30°	27°	26°	24°	39°	116	96	79	69	NE	3	E	3	4	0	—	
22	30°08	30°	31°	37°	22°	44°	151	172	86	76	SE	4	SE	10	0	10	110	
23	30°37	30°	39°	40°	30°	46°	214	186	89	74	SW	7	SW	5	10	5	120	
24	30°67	30°	41°	48°	38°	50°	227	283	89	84	SW	6	S	4	10	10	180	
25	30°48	30°	48°	49°	49°	53°	251	261	87	75	SE	5	SW	5	10	3	039	
26	30°75	30°	40°	44°	44°	51°	255	272	83	93	SW	2	Calm	0	8	10	020	
27	30°71	30°	45°	49°	43°	51°	240	304	80	86	S	8	SW	4	10	10	260	Squally a.
28	30°60	30°	48°	47°	43°	55°	318	260	94	83	S	1	SW	2	10	8	110	
29	30°02	30°	39°	33°	33°	49°	186	153	77	81	SW	1	Calm	0	0	0	—	
Means	29°518	29°538	39°	39°	34°	46°	210	217	86°6	86°3	3°3		3°3	7°6	5°7	2°600		

CRONKBOURNE (DOUGLAS), ISLE OF MAN.

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

FEBRUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins. 28°11	ins. 29°06	42°9	42°6	41°4	45°3	in. 241	in. 256	% 87	% 93	SSW 4	S 2	8	9	ins. 253	☂ (force 7) a. Fine day. ☁ a. and ☂ (mist) a. ☂ till 1.30p. Squally ☂ a. and p.
2	28°83	28°86	40°9	42°2	39°2	47°0	256	247	100	92	BSE 6-7	S 5-6	10	8	588	
3	29°00	29°23	40°6	43°3	36°4	46°4	242	263	96	94	WSW 1	S 3	10	9	013	Squally ☂ (force 7) ☂ a. Fine day. ☂ p.
4	20	11	40°0	37°4	34°5	43°3	232	211	94	94	SE 5-6	W 1	8	4	522	Squally ☂ a. ☂ Δ and ☂ (sleet) showers.
5	16	43	40°0	32°4	42°7	205	213	95	85	WNW 2	W 4	2	1	110	☂ a. Fine day.	
6	40	48	44°5	45°5	38°9	47°0	292	282	99	93	S 6-7	SSE 6-7	10	10	128	Squally ☂ a. and p. ☂ (force 18-9) 10p.-Midt.
7	32	63	41°9	43°2	40°3	47°0	250	243	95	87	WSW 5	WSW 3	10	2	342	Squally ☂ a. Δ 3.30p.-3.40p.
8	29	11	48°0	39°0	38°2	48°7	330	226	99	95	SSW 6-7	NW 7	10	10	447	Squally ☂ a. and p.
9	41	68	41°3	41°8	36°8	45°5	224	237	87	90	WSW 7-8	WNW 5	8	3	003	Squally ☂ a. and p.
10	89	72	38°0	46°3	34°3	46°3	218	315	96	100	WNW 1	SW 2	10	10	484	☂ (mist) a. and p.
11	84	95	46°4	46°7	44°2	48°6	271	317	87	99	W 4	SW 3-4	6	10	018	☂ (mist) a. and p. Dull day.
12	91	90	46°8	48°1	45°4	48°5	319	320	99	98	SW 3	WSW 4	10	10	109	☂ (mist) a. and p. Overcast day.
13	83	61	45°8	47°0	44°9	48°1	306	311	99	97	SSW 5	WSW 7	10	10	012	☂ (mist) a. and p. Squally ☂ p.
14	65	69	41°6	32°1	32°1	47°0	224	181	86	99	WNW 3	Calm 0	1	1	—	Very fine day. ☂ p.
15	52	42	38°7	32°4	30°6	43°3	212	178	90	97	SE 1	NNW 1	10	3	—	☂ (mist) a. and p. ☂ p.
16	34	26	34°2	38°0	36°0	36°9	182	199	91	87	Calm 0	NE 2	2	10	147	☂ a. Dull day. ☂ (mist) p.
17	40	47	36°7	39°9	39°9	40°8	185	156	85	94	NE 3	N 1	9	1	019	☂ p. [showers. ☂ (mist) op.
18	47	62	38°7	33°8	28°6	40°3	210	194	89	100	W 5	WNW 2	8	10	086	Squally ☂ a. Δ ☂ (sleet) ☂ a. and p. Fine day.
19	79	81	34°0	29°1	28°2	40°2	180	143	95	83	E 5	SE 4-5	4	1	—	☂ a. Fine day. ☂ (mist) p.
20	82	97	36°7	36°0	27°3	39°4	182	144	85	67	E 5	SE 4-5	4	1	—	Squally ☂ (force 10 at times) ☂ p.
21	99	60	36°7	39°8	35°0	40°9	166	226	76	93	SSE 5	SSE 8-9	7	10	033	Squally ☂ a. and p. ☂ (mist) p.
22	37	60	46°2	41°0	39°8	48°9	292	235	94	92	SSW 7-8	SW 2	10	2	093	Squally ☂ a. and p. ☂ (mist) p.
23	60	53	45°6	47°0	40°2	47°1	299	323	98	100	S 6-7	SSW 5-6	10	10	380	Squally ☂ a. and p. ☂ (mist) p.
24	49	54	46°5	46°0	45°2	47°5	318	301	100	97	S 5-6	SW 5	10	4	155	Squally ☂ a. and p. ☂ (mist).
25	78	89	44°7	40°0	41°0	50°9	277	309	93	99	WNW 2	SW 2	7	10	098	Fine day. ☂ (mist) p.
26	68	61	47°5	47°7	45°3	47°8	326	329	99	99	S 6-7	S 4	10	10	087	Squally ☂ a. ☂ (mist) p.
27	58	29°63	42°6	47°0	45°7	48°7	318	313	99	97	S 4	SW 3	10	10	118	Overcast, with ☂ (mist).
28	29°96	30°16	44°0	36°2	35°4	47°0	199	177	73	83	NNW 3	N 1	3	3	002	☂ p.
Means	29°55	29°545	41°8	40°9	37°3	45°5	249	245	92·3	93·3	4·1	3·4	7·7	6·5	4·328	

STONYHURST.

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


FEBRUARY 1885.

1	29°02	29°16	30°0	38°2	37°6	44°9	*212	*266	87	90	SW	1	S	2	10	10	† during the day.	
2	28°09	28°09	45°0	41°9	37°3	49°5	*275	*213	92	80	ENE	1	S	4	10	10	°120	
3	29°08	29°34	40°5	36°1	34°4	45°5	*210	*192	84	90	SW	1	Caln	0	10	2	°005	
4	31	18	37°0	37°1	35°0	43°1	*184	*199	84	90	SE	1	SW	1	10	10	°118	
5	17	48	35°1	39°9	32°8	41°1	*360	*89	81	WSW	1	WSW	2	10	10	10	* early a. Δ 5.3cp. ∇ 9p.	
6	58	24	38°3	40°2	34°8	48°5	*207	*281	90	91	S	3	S	5	10	10	°220	
7	41	73	41°0	38°9	37°2	48°2	*215	*200	84	85	SW	5	SW	1	10	10	°070	
8	48	06	46°8	48°2	36°6	49°8	*287	*307	90	92	S	7	S	5	10	10	°149	
9	48	71	39°1	40°5	36°0	50°6	*194	*220	82	88	W	3	W	2	10	0	°042	
10	05	283	40°0	44°2	38°7	45°8	*241	*270	98	93	Caln	0	SW	1	10	10	°130	
11	82	30°05	47°1	45°3	43°2	48°5	*283	*259	88	85	WSW	5	Caln	0	10	10	°005	
12	99	29°07	49°2	46°9	44°1	50°5	*232	*299	84	94	SW	2	SW	3	10	10	°152	
13	91	68	45°9	46°8	44°0	50°1	*207	*264	88	83	SW	2	SW	3	10	10	°140	
14	67	72	40°1	34°4	33°8	50°1	*210	*175	85	87	WNW	2	Caln	0	10	10	°060	
15	52	41	36°5	38°3	32°4	51°5	*204	*213	95	03	NE	1	Caln	0	10	10	°089	
16	38	25	35°8	37°1	33°8	41°8	*175	*192	83	87	NE	1	E	1	10	10	°048	
17	40	46	33°4	33°5	30°5	41°2	*177	*180	93	94	NE	1	Caln	0	10	10	°300	
18	54	65	33°0	33°2	29°8	41°0	*167	*181	88	96	Caln	0	SW	1	10	1	°284	
19	81	29°84	29°0	28°5	25°3	39°7	*140	*483	87	86	Caln	0	NNE	1	10	0	* early	
20	29°83	30°01	33°1	29°0	24°7	39°9	*133	*090	70	57	NE	2	Caln	0	7	0	—	
21	30°14	29°83	30°8	34°4	24°2	39°8	*094	*120	55	60	E	1	SE	6	0	10	°045	
22	29°53	74	39°6	37°8	32°3	48°2	*203	*195	86	86	S	6	W	1	10	0	°035	
23	77	67	41°2	48°0	35°3	48°3	*235	*309	92	93	S	5	S	4	10	10	°515	
24	60	62	47°4	49°9	44°7	55°2	*267	*294	83	83	S	4	SW	2	10	9	—	
25	82	98	45°6	44°1	42°6	50°8	*268	*249	87	85	Caln	0	SW	1	10	7	°019	
26	84	73	44°9	48°4	41°2	49°2	*254	*305	86	90	S	4	S	4	10	10	°120	
27	66	29°71	50°1	47°0	44°8	55°1	*316	*252	87	88	SW	5	Caln	0	10	8	°161	
28	29°93	30°15	42°9	37°7	36°2	50°8	*197	*176	71	77	NW	1	Caln	0	10	0	—	
Means	29°594	29°613	40°3	40°4	35°8	47°1	*217	*222	85°3	85°9		2°3			1°8	9°5	7°4	3°012

WAKEFIELD.

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

FEBRUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins. 29°02	ins. 29°17	43°8	41°0	40°6	48°3	in. 284	in. 255	% 99	% 99	SW 2	SSW 2	3	10	ins. 260	Fine a. Dull p.
2	°02	°01	42°2	44°0	40°0	51°8	258	259	96	90	SSW 2	S 3	10	4	°030	Dull a. Fine p.
3	°08	°35	45°2	34°3	32°6	46°6	290	198	97	100	SSW 3	S 3	8	2	—	Dull a. Fine p.
4	°33	°17	33°7	38°8	27°3	41°1	193	215	100	91	ESE 3	S 2	10	4	°120	☁ ga. Fine p. 
5	°16	°45	36°7	39°8	34°4	41°5	212	218	98	90	S 2	WSW 2	10	3	°040	Dull a. Fine p.
6	°61	°28	39°6	46°9	30°2	48°5	242	307	99	95	S 3	SW 3	10	6	°110	☉ a. Fine and bright p.
7	°42	°73	43°6	43°0	40°4	49°0	235	234	83	84	SW 4	SW 5	3	0	°080	Fine all day.
8	°54	°00	49°8	48°9	40°0	52°6	322	328	90	95	SSW 4	S 4	10	10	°100	Dull and gloomy all day.
9	°27	°70	39°6	39°8	38°6	52°6	205	211	85	87	WSW 7	WSW 3	6	4	°040	Fine.
10	°05	20°85	39°9	44°6	34°2	47°7	241	274	99	93	SW 2	SSW 2	10	10	°010	Dull and gloomy all day.
11	°83	30°05	50°7	44°8	43°7	51°6	338	271	92	92	WSW 6	WSW 3	8	3	—	Dull day.
12	°05	20°08	51°8	49°8	43°7	54°6	328	327	85	91	S 3	S 2	10	7	—	Dull and gloomy all day.
13	°89	°68	49°6	49°4	47°3	51°5	334	311	92	89	SW 2	SSW 4	10	10	°040	Dull and gloomy all day.
14	°66	°72	44°6	33°7	33°7	49°7	274	193	93	100	SW 2	SSE 2	10	10	°100	Dull all day.
15	°50	°40	39°0	38°3	33°0	45°5	237	219	99	95	N 1	NNW 2	10	10	°090	Dull day.
16	°37	°26	36°1	33°9	33°4	39°4	208	183	98	93	NNE 2	WNW 2	10	10	°380	Dull and gloomy all day.
17	°39	°45	33°7	32°7	32°7	34°8	193	186	100	100	N 2	NW 2	10	10	°320	☼ ga. Dull and gloomy all day.
18	°55	°65	32°4	34°7	25°3	40°4	170	180	93	90	WNW 2	SW 2	10	10	°120	Dull and gloomy all day.
19	°80	20°83	32°2	28°7	28°2	30°4	171	152	94	95	W 2	W 1	3	2	—	Fine.
20	°84	30°02	32°7	31°7	25°8	38°2	148	146	80	82	NNW 3	NNW 2	8	6	—	Dull a. Fine p.
21	°19	20°92	23°5	33°1	20°1	36°4	126	168	100	89	SE 8	S 7	10	10	°190	Dull and gloomy all day.
22	°60	°75	40°2	42°0	30°0	49°5	234	235	94	89	SSW 3	SSW 6	10	10	°010	Dull and gloomy all day.
23	°28	°69	40°0	49°8	36°8	50°9	241	340	98	95	SSE 2	SE 2	10	8	°040	Dull and gloomy all day.
24	°68	°62	46°5	54°4	44°1	58°6	254	346	91	82	S 2	SW 2	7	6	—	Dull a.
25	°82	°99	46°8	46°1	43°3	54°7	294	284	92	91	SW 1	SSE 2	10	4	°020	Dull a.
26	°90	°75	45°8	50°2	40°8	50°9	283	342	92	95	SSE 6	SSE 9	10	10	—	Dull a.
27	°69	20°73	51°4	46°4	41°0	56°7	374	275	98	88	S 2	SW 2	10	5	—	Dull a.
28	°87	30°13	47°1	36°2	36°0	48°3	278	192	86	90	W 2	SSW 2	10	0	°010	Fine.
Means	29°604	29°619	41°4	41°3	35°8	47°5	260	245	93°7	91°9	3°0	3°0	8°8	6°6	2°110	

LLANDUDNO.

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

FEBRUARY 1885.

1	28° 99	29° 10	41° 7	41° 0	40° 0	40° 5	225	216	86	84	SW	3	SW	1	8	9	2	140	
2	28° 89	28° 87	48° 0	45° 0	39° 5	49° 5	299	201	87	07	SSW	3	SW	5	10	0	2	126	Stormy.
3	29° 04	29° 28	42° 0	40° 8	38° 8	47° 0	231	201	87	79	WSW	2	WSW	1	10	5	—	Very fine.	
4	23	19	39° 8	38° 2	35° 2	42° 8	199	196	82	86	SW	1	W	2	10	0	0	240	☉ showers.
5	17	55	39° 0	41° 0	34° 0	43° 1	221	212	94	83	W	1	W	2	10	0	0	016	
6	50	15	45° 5	46° 2	39° 0	55° 0	248	222	82	72	S	3	SW	7	10	0	0	078	Very fine.
7	41	71	43° 7	45° 3	39° 8	55° 0	289	227	60	92	SW	6	SW	5	7	10	0	340	Stormy.
8	35	19	54° 0	40° 3	39° 8	55° 0	289	227	60	85	WSW	3	W	2	8	0	—	—	
9	53	75	42° 0	43° 0	37° 0	47° 0	211	236	80	86	S	1	SW	2	10	9	0	020	
10	93	29° 80	41° 5	49° 0	39° 5	50° 0	230	297	89	82	W	2	W	3	10	2	—	Very fine.	
11	29° 91	30° 02	49° 0	49° 6	47° 0	51° 0	293	292	85	82	W	2	W	3	10	2	—	Fine and mild.	
12	30° 00	29° 96	51° 0	49° 0	48° 0	53° 0	298	317	80	92	W	2	W	3	10	10	0	179	Fine day.
13	29° 89	70	47° 7	48° 0	45° 2	50° 0	271	286	82	86	W	3	WSW	2	10	10	0	050	Fine day.
14	69	68	42° 2	39° 5	38° 0	48° 0	244	213	91	88	N	1	N	1	10	0	0	030	Dull, with ☁☁☁
15	49	41	40° 2	38° 1	37° 0	42° 0	236	223	95	90	N	1	N	1	10	10	0	215	Dull, with ☁☁☁
16	34	23	39° 3	38° 0	39° 8	41° 0	196	203	82	89	NE	1	E	3	10	10	0	086	☁☁☁ ☁☁☁ (sleet) showers.
17	38	47	35° 0	35° 1	33° 5	38° 0	193	196	95	96	E	2	E	1	10	7	0	048	Fine a. ▲ shower p.
18	55	66	40° 1	38° 3	31° 0	44° 0	198	188	80	82	W	1	W	3	3	8	0	—	Very fine.
19	84	29° 84	39° 9	34° 3	32° 2	43° 0	150	155	61	78	N	1	N	0	10	0	0	497	Fine day.
20	29° 82	30° 00	34° 5	32° 0	30° 5	38° 2	164	136	82	74	E	2	E	1	8	0	0	497	Snow on distant hills.
21	30° 10	29° 05	34° 0	37° 5	29° 2	39° 0	152	164	77	73	SW	1	SW	10	5	10	0	030	☁ ² a. Fine p.
22	29° 45	77	48° 0	42° 3	33° 2	49° 5	239	212	72	80	SW	10	W	1	10	0	0	084	☁☁☁ showers.
23	72	61	49° 0	51° 0	41° 0	53° 1	244	215	70	84	SW	7	SW	8	10	0	0	—	Fine and mild.
24	55	59	50° 9	48° 5	47° 5	57° 2	349	260	94	80	SW	1	SW	2	10	5	0	010	Very fine.
25	84	95	47° 0	46° 8	45° 0	53° 0	275	273	86	86	WSW	1	SW	1	10	2	0	028	☁☁☁ a. Fine p.
26	75	64	51° 2	53° 0	44° 5	55° 5	319	321	85	79	SSW	7	SW	5	10	9	0	080	
27	29° 62	29° 67	52° 0	49° 0	42° 0	56° 8	307	293	79	85	S	1	SW	1	7	8	0	—	Very fine.
28	30° 01	30° 17	44° 8	41° 8	40° 0	49° 0	217	193	73	74	N	1	N	2	5	0	—	—	
Means	29° 571	29° 593	44° 0	42° 9	38° 7	48° 0	240	231	82° 3	82° 5	2° 6		2° 8	8° 6	5° 3	2° 308			

E 56711.

D

BUXTON.

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

FEBRUARY 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	35.9	—	35.9	45.9	157	—	75	—	SSW	1	—	3	—	ins.		
2	29.11	—	45.9	—	35.9	47.0	223	—	73	—	SSW	2	—	7	—	200		
3	10	—	39.9	—	38.0	44.0	225	—	92	—	Calm	0	—	4	—	—		
4	33	—	33.9	—	30.0	38.0	176	—	90	—	SE	3	—	10	—	100	ga.	
5	18	—	34.9	—	30.0	38.0	184	—	91	—	SW	1	—	5	—	150	ga.	
6	63	—	35.9	—	33.0	44.0	193	—	92	—	SW	2	—	6	—	350	ga.	
7	48	—	39.9	—	35.0	46.0	206	—	84	—	SW	1	—	1	—	140		
8	57	—	45.9	—	36.0	48.0	286	—	93	—	SSW	4	—	8	—	630	ga.	
9	29.50	—	35.9	—	34.0	45.0	174	—	83	—	WSW	1	—	7	—	100	ga.	
10	30.06	—	37.9	—	35.0	45.0	208	—	91	—	WSW	1	—	8	—	110		
11	29.80	—	46.7	—	37.0	49.0	259	—	82	—	W	1	—	8	—	—		
12	30.03	—	45.8	—	39.0	48.0	287	—	93	—	SSW	1	2	10	—	—		
13	29.93	29.71	43.7	43.7	43.1	46.7	248	285	87	100	SW	1	Calm	10	8	150		
14	67	72	41.7	35.9	34.9	45.4	242	197	92	94	Calm	0	Calm	10	7	140		
15	49	39	37.5	39.7	34.9	41.0	218	238	98	97	Calm	0	NW	1	10	200	p.	
16	36	21	34.4	32.4	31.7	40.1	193	182	97	99	NW	1	Calm	10	10	270	a. and p.	
17	38	47	32.7	31.9	30.5	33.9	167	158	90	88	Calm	0	—	1	9	600	☉ (sleet) before ga. a. and p.	
18	56	67	31.7	32.9	26.3	38.9	144	186	80	99	WSW	1	Calm	0	3	205	ga. and before. Fine p.	
19	81	29.88	30.1	15.0	13.0	37.1	138	182	96	96	NW	1	—	1	5	—	Fine day.	
20	29.81	30.02	30.8	26.5	12.2	33.2	141	137	82	96	Calm	0	—	1	3	—	Fine a.	
21	30.17	29.93	28.8	29.9	14.3	34.0	138	166	88	100	SSE	3	—	1	5	—	Fine a.	
22	29.66	80	30.7	36.7	20.1	46.9	169	196	99	90	Calm	0	—	1	6	2	172	before ga.
23	84	71	39.7	46.5	33.2	48.3	222	285	91	91	SW	2	—	1	6	—	050	
24	65	29.65	41.8	48.4	41.6	55.0	252	297	85	88	S	1	Calm	0	2	8	—	
25	29.85	30.01	43.7	42.0	40.7	50.5	247	240	86	88	SSW	1	—	3	5	8	050	U
26	28.92	29.70	42.3	46.1	39.4	48.0	257	296	96	94	SSW	2	—	1	8	7	115	
27	29.70	29.74	47.7	44.0	43.4	51.9	297	263	90	91	SW	1	—	1	6	5	105	Fine day.
28	29.92	30.15	39.8	34.0	34.0	45.8	223	181	92	89	Calm	0	—	1	5	2	—	Fine a.
Means	29.590	—	38.5	—	32.9	44.1	211	—	88.9	—	1.1	—	—	6.4	—	4.232		

NOTE.—Owing to the removal of Dr. Sykes, the observations were taken only at 9 a.m. till the 13th of the month.

HILLINGTON, NORFOLK.

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

FEBRUARY 1885.

1	29.12	29.24	43.1	42.3	40.1	47.7	267	259	96	96	S 3	SSW 3	10	10	100	
2	—	—	48.3	43.6	40.7	54.4	318	266	95	93	SW 5	SW 5	10	10	100	
3	—	—	42.6	41.3	40.3	48.5	250	258	95	99	SW 3	SW 0.5	0	5	—	
4	—	—	33.0	38.9	30.0	45.5	197	235	97	99	S 1	S 4	10	10	100	☁ a. Fine day.
5	—	—	36.5	36.1	31.0	43.4	196	204	92	96	S 3	W 3	6	0	184	☁ a. Fine day
6	—	—	37.7	46.0	33.5	47.4	212	304	95	98	S 1	S 3	7	10	—	
7	—	—	42.7	44.9	39.8	49.4	263	294	96	99	S 2	SW 3	5	0	100	Fine day.
8	—	—	44.6	48.0	35.1	50.4	283	333	96	99	S 5	S 6	10	10	100	☁ p.
9	—	—	38.7	38.9	37.9	48.5	217	232	92	99	W 5	SW 3	9	3	—	
10	—	—	34.0	43.0	30.7	46.6	191	270	98	98	S 0.5	S 1	7	10	100	☁ a.
11	29.91	30.07	48.3	44.8	42.3	54.1	325	293	97	99	SW 3	WNW 1	8	10	—	
12	30.04	30.04	44.8	48.1	39.8	55.4	297	334	100	99	SW 1	SW 3	10	10	100	☁ (mist) a.
13	30.01	29.82	46.3	47.8	44.3	48.6	299	330	96	99	SW 4	WSW 6	10	10	—	Overcast all day.
14	29.71	29.66	47.5	41.9	41.5	48.5	327	264	100	99	SW 1	WNW 0.5	10	10	100	Overcast all day.
15	—	—	45.0	44.2	41.0	50.4	299	290	100	100	S 0.5	W 0.5	10	10	100	☁ 2 10p.
16	—	—	41.0	39.6	39.0	45.1	255	243	99	100	NE 1	E 5	10	10	100	☁ nearly all day.
17	—	—	38.0	37.7	36.3	41.1	223	226	97	100	E 0.5	E 0.5	10	10	100	
18	—	—	34.0	35.0	32.2	42.8	189	196	97	97	NW 1	W 5	8	0	—	☁ a. melted by 1p. Fine day.
19	—	—	32.4	29.8	28.9	42.1	172	144	95	86	W 1	N 1	8	0	—	☁ a. Fine and sunny 11a.—4p.
20	29.74	29.95	35.0	32.2	28.2	37.7	187	164	89	90	E 3	NE 2	10	2	—	☁ a. and p. Overcast all day.
21	30.20	30.10	33.0	33.0	22.2	38.4	158	160	85	86	ESE 1	SE 6	4	10	100	☁ a. Fine and sunny. ☁ p.
22	29.82	29.79	36.0	41.7	32.1	43.4	204	264	96	100	S 5	S 3	10	7	100	☁ a. Overcast all day.
23	—	—	38.3	46.0	34.1	49.8	214	298	93	97	SW 1	SW 4	10	10	—	Overcast all day.
24	—	—	46.0	48.7	40.2	58.1	280	318	91	93	SW 3	S 3	0	7	100	Very fine and sunny. Much cir. p.—1p.
25	29.88	30.06	45.4	42.0	40.0	49.4	304	272	100	99	SW 1	SW 1	10	3	170	☁ till noon. ☁ p.
26	30.06	29.90	45.0	46.4	38.9	49.7	289	303	97	96	SW 4	SW 5	10	10	112	
27	29.80	29.81	48.0	44.1	43.6	51.6	328	287	98	99	SW 3	SW 2	10	0	100	
28	29.01	30.11	45.2	35.0	34.0	52.3	292	199	97	98	SW 0.5	N 0.5	8	0	100	Warm a. Sudden change 2p. with cold wind.
Means	29.680	29.686	41.2	41.5	36.3	47.9	252	259	95.7	96.9	2.2	2.9	8.2	6.7	2.032	

UPPINGHAM.

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

FEBRUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	39.5	42.0	36.8	47.1	ins.	ins.	91	98	S by W 2	S by W 2	9	10	ins.	Bright p.	
2	29.09	29.21	48.0	42.0	38.8	53.4	261	250	78	96	S 6	Sly W 5	5	8	032	Squally (gale) ☁ a. and p. Bar. 29.03 2.15p. Wind fell suddenly 4p., then rose again.	
3	—	—	42.0	38.9	38.3	45.7	227	204	86	87	SSW 3	SSW 1	7	6	—	☁ a. ☁ 2 ☁ p.	
4	—	—	32.9	35.9	31.9	40.6	185	201	99	96	S by E 2	SSW 1	10	5	478	☁ a. ☁ 2 ☁ p.	
5	—	—	36.2	36.0	31.2	43.4	180	179	85	84	SSW 4	WSW 6	8	0	—	☁ a. ☁ 2 ☁ p.	
6	—	—	37.0	45.8	33.2	46.1	195	284	89	93	SSW 3	S by W 8	10	10	010	☁ a. ☁ 2 ☁ p.	
7	—	—	40.8	38.4	38.2	48.3	214	193	84	84	S by W 4	SW 3	1	0	090	☁ a. ☁ 2 ☁ p. Bar. 29.17 10.30p.	
8	—	—	44.9	47.3	35.2	49.0	281	297	95	92	SSW 6	S by W 7	10	9	242	Squally (force 9) ☁ n. and a. ☁	
9	—	—	35.0	37.6	34.1	47.6	173	198	81	88	W by N 5	W by N 2	1	0	—	Squally (force 9) ☁ n. and a. ☁	
10	—	—	36.8	43.0	34.5	46.3	199	268	92	97	W by N 1	SSW 2	10	10	018	Overcast with cir-s. all day.	
11	29.89	30.06	48.0	44.0	42.6	52.0	285	244	86	84	WSW 3	SW 1	9	2	—	☁ a.	
12	30.07	30.04	46.9	48.1	40.7	54.1	312	282	98	84	swb.w 1	SSW 2	10	10	—	Dull and gloomy all day.	
13	29.98	29.81	45.0	45.6	43.2	48.5	264	283	89	93	SW 2	swb.w 5	10	10	—	Overcast and gloomy all day, with ☁.	
14	—	—	46.0	41.2	41.1	46.2	280	248	91	97	WSW 2	Calm	0	10	10	253	☁ a. and p. ☁ late p.
15	—	—	43.0	44.7	39.2	50.0	275	286	99	96	Calm	0	10	10	224	☁ a. ☁ all day. ☁ late p.	
16	—	—	39.2	36.5	36.1	45.5	234	208	98	96	Calm	0	10	10	662	☁ a. ☁ all day. ☁ late p.	
17	—	—	35.0	34.9	32.2	37.5	204	187	100	92	Calm	0	10	10	—	☁ a. ☁ all day. ☁ late p.	
18	—	—	29.0	33.1	28.5	41.7	151	154	95	81	WNW 2	W by S 2	0	9	—	☁ (sleet) n. Cloudless 7a. ☁	
19	—	—	33.0	29.9	29.3	42.6	163	109	86	65	W 1	Calm	0	0	—	☁ a. and p. ☁ late p.	
20	29.75	29.96	32.9	29.7	27.2	37.8	158	141	84	85	NE 1	ENE 2	10	0	—	☁ a. ☁ all day. ☁ late p.	
21	30.19	30.05	29.8	30.9	24.0	38.0	117	124	71	71	SE 1	SSE 4	0	10	055	☁ a. ☁ all day. ☁ late p.	
22	29.75	29.80	36.5	38.7	30.3	45.7	200	221	93	94	S by W 4	W 1	10	7	030	☁ a. Bar. 29.68 2.45p. Gloomy.	
23	—	—	38.9	45.7	34.1	48.6	216	267	92	87	S by E 3	S by W 5	10	10	—	☁ a. ☁ late p.	
24	—	—	43.9	46.5	39.2	56.7	227	270	79	86	S by W 4	SSW 4	0	10	011	Bright all day, with fresh soft wind.	
25	—	—	45.6	43.3	42.6	50.9	292	244	96	87	swb.s 2	SW 2	10	9	060	☁ a. ☁ late p.	
26	29.87	30.04	43.9	45.9	39.2	48.3	252	288	87	94	S by W 5	S 6	10	10	088	☁ with ☁ showers all day.	
27	29.77	29.78	47.2	44.5	44.4	52.0	294	277	91	94	S by W 4	S by W 3	10	2	013	☁ a. ☁ late p.	
28	29.90	30.11	45.6	36.1	35.9	49.7	292	196	96	92	SW 2	N 1	9	8	—	☁ a. ☁ late p.	
Means	29.658	29.668	40.1	40.2	35.8	46.9	227	228	89.7	89.0	2.6	2.8	7.5	7.0	2.384	Dull and threatening mid-day.	

GELDESTON (BECCLES).

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

FEBRUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	40°	46°	ins.	ins.	93	91	SSW 2	SE 3	2	9	ins.	
2	29°16	29°30	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
3	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
4	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
5	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
6	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
7	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
8	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
9	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
10	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
11	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
12	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
13	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
14	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
15	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
16	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
17	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
18	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
19	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
20	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
21	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
22	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
23	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
24	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
25	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
26	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
27	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
28	29°30	29°40	43°	43°	40°	46°	257	254	93	91	SSW 2	SE 3	2	9	050	
Means	29°710	29°711	41°5	42°8	37°9	47°9	242	248	91°0	89°0	1°7	2°0	6°9	6°7	2°040	

CHELTENHAM.

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

FEBRUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 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°12	29°20	44°	45°	42°	49°	239	267	82	89	SW 3	SW 4	9	4	360	Fine and bright a. ☉ p.
2	29°05	29°11	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	Squally a. ☉ all day.
3	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	Fine day.
4	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
5	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
6	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
7	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
8	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
9	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
10	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
11	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
12	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
13	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
14	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
15	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
16	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
17	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
18	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
19	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
20	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
21	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
22	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
23	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
24	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
25	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
26	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
27	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
28	29°13	29°18	41°	43°	41°	47°	235	243	75	86	S 10	S 5	5	5	290	
Means	29°662	29°656	43°3	43°8	37°6	48°8	256	254	89°5	90°6	3°2	3°3	7°2	5°5	3°560	

CARMARTHEN.

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

FEBRUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	°	°	°	°	in.	in.	%	%						ins.	
2	29°09	29°21	44°5	40°7	40°1	48°8	°244	°238	83	94	SW	2	7	4		Frequent ☁. Squally p.	
3	28°09	28°08	46°3	43°4	40°0	48°4	°307	°244	98	87	S	5	10	5		Squally before 9a. ☁ a.	
4	29°15	29°33	40°6	40°1	38°4	48°8	°239	°241	95	97	W	3	2	10	2	°150	
5	29°20	29°26	39°8	33°8	32°9	44°7	°232	°190	96	98	SW	3	Calm	0	10	7	°350
6	29°26	29°44	41°2	37°2	32°8	45°9	°233	°208	91	94	W	4	Calm	0	10	0	°130
7	29°38	29°56	42°4	42°8	34°0	48°4	°302	°242	99	88	S	5	W	2	10	0	°270
8	29°59	30°17	42°6	42°5	41°3	50°4	°264	°246	81	90	SW	5	SW	2	5	10	°120
9	30°09	30°27	42°1	41°0	39°4	49°4	°327	°229	97	90	SW	7	W	3	10	4	°400
10	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
11	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
12	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
13	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
14	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
15	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
16	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
17	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
18	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
19	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
20	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
21	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
22	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
23	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
24	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
25	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
26	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
27	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
28	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
29	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
30	30°11	30°29	42°2	37°5	35°9	48°4	°210	°214	85	96	W	3	Calm	0	1	0	—
Means	29°623	29°662	43°5	41°2	37°7	48°3	°262	°248	90°7	93°5		3°0	2°1	7°0	5°4	6°300	

MARGATE.

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

FEBRUARY 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	45.6	42.8	46.9	2.66	2.66	92	87	SW 3	S 3	9	10	ins.	☉ a. Fine p.
2	29.23	29.35	44.1	45.6	42.8	46.9	2.66	2.66	92	87	S 3	SW 3	8	10	0.04	
3	29.31	29.44	44.1	45.6	42.8	46.9	2.66	2.66	92	87	S 3	SW 3	10	10	0.08	Fine day.
4	29.45	29.58	44.1	45.6	42.8	46.9	2.66	2.66	92	87	SW 1	SW 2	7	10	0.09	
5	29.42	29.55	44.1	45.6	42.8	46.9	2.66	2.66	92	87	SW 2	SW 2	0	0	0.10	3.30 p.
6	29.87	29.94	44.1	45.6	42.8	46.9	2.66	2.66	92	87	SSW 2	S 3	7	10	—	Fine day.
7	29.70	29.76	44.1	45.6	42.8	46.9	2.66	2.66	92	87	S 2	SW 1	8	0	0.10	Fine and bright.
8	29.89	29.95	44.1	45.6	42.8	46.9	2.66	2.66	92	87	SE 2	SW 5	10	10	2.40	before 9 a. Dull, with ☉.
9	29.62	29.80	44.1	45.6	42.8	46.9	2.66	2.66	92	87	SW 3	W 3	8	0	—	before 9 a. Fine and bright.
10	30.01	30.08	44.1	45.6	42.8	46.9	2.66	2.66	92	87	Calm	SW 1	2	10	0.30	Fine day.
11	30.01	30.13	44.1	45.6	42.8	46.9	2.66	2.66	92	87	SW 2	SW 1	10	10	—	Dull day.
12	30.13	30.13	44.1	45.6	42.8	46.9	2.66	2.66	92	87	SW 1	W 2	10	0	—	Fine day.
13	30.09	30.09	44.1	45.6	42.8	46.9	2.66	2.66	92	87	SSW 1	S 2	10	10	—	Dull day.
14	29.81	29.77	44.1	45.6	42.8	46.9	2.66	2.66	92	87	SSW 3	SW 2	9	10	0.80	
15	29.60	29.47	44.1	45.6	42.8	46.9	2.66	2.66	92	87	S 3	SW 3	10	10	0.40	Dull, with ☉.
16	29.34	29.10	44.1	45.6	42.8	46.9	2.66	2.66	92	87	SW 3	SW 3	9	10	0.60	
17	29.37	29.38	44.1	45.6	42.8	46.9	2.66	2.66	92	87	Calm	W 1	10	10	—	☉ a.
18	29.54	29.79	44.1	45.6	42.8	46.9	2.66	2.66	92	87	WNW 2	W 2	10	0	—	Bright and sunny. Cool at night.
19	29.81	29.75	44.1	45.6	42.8	46.9	2.66	2.66	92	87	Calm	E 1	0	3	—	Bright and sunny.
20	29.66	29.86	44.1	45.6	42.8	46.9	2.66	2.66	92	87	E 3	E 3	9	9	—	Dull day. Colder.
21	30.20	30.17	44.1	45.6	42.8	46.9	2.66	2.66	92	87	ESE 2	NE 3	2	0	—	before 9 a. ☐ 9 p. Day sunny but very cold.
22	30.05	30.05	44.1	45.6	42.8	46.9	2.66	2.66	92	87	S 4	SSW 4	10	10	0.170	
23	30.08	30.08	44.1	45.6	42.8	46.9	2.66	2.66	92	87	SSW 2	S 5	10	5	—	Dull day.
24	29.84	29.80	44.1	45.6	42.8	46.9	2.66	2.66	92	87	S 5	S 3	0	2	—	☉ a. ☐ 9 p.
25	29.90	30.16	44.1	45.6	42.8	46.9	2.66	2.66	92	87	S 1	SW 2	9	0	0.050	Dull day.
26	30.17	30.03	44.1	45.6	42.8	46.9	2.66	2.66	92	87	S 2	S 3	7	10	0.40	Fine day.
27	29.91	29.60	44.1	45.6	42.8	46.9	2.66	2.66	92	87	S 2	SSW 1	10	2	0.160	☉ till noon. Very bright night.
28	29.96	30.05	44.1	45.6	42.8	46.9	2.66	2.66	92	87	S 1	N 2	10	10	0.40	Very fine day.
Means	29.760	29.763	44.2	45.7	42.9	47.0	2.65	2.65	92.3	88.3	2.1	2.4	7.6	6.1	2.250	

SOUTHAMPTON.

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

FEBRUARY 1885.

1	29.20	29.32	44.9	45.1	44.5	50.0	2.54	2.70	86	93	SW 2	SW 4	10	10	0.103	Beautiful day till 4 p., then ☉ showers.
2	29.22	29.21	44.9	45.1	44.5	50.0	2.54	2.70	86	93	S 5.5	SW 3	10	1	0.195	☉ most of day.
3	29.23	29.41	44.8	45.0	44.8	49.2	2.57	2.40	87	95	SW 3	Calm	0	3	0.004	Fine from 11 a. ☐ [evening.]
4	29.39	29.32	44.1	45.6	42.8	46.9	2.66	2.66	92	87	SSW 2	SW 1	2	0	0.317	Beautiful morning. ☐ 3.30 p. Fine
5	29.30	29.40	44.9	45.1	44.5	50.0	2.54	2.70	86	93	SW 3	SW 1.5	10	0	0.007	Beautiful day. ☐ on grass at right.
6	29.81	29.50	44.9	45.1	44.5	50.0	2.54	2.70	86	93	SSW 3	SW 6.5	10	5	0.152	☉ (force 7) p.
7	29.07	29.43	44.1	45.6	42.8	46.9	2.66	2.66	92	87	SW 3	SW 1	10	0	0.047	Beautiful day from 9.30 a.
8	29.81	29.40	44.8	45.0	44.3	51.8	2.72	2.72	93	88	SW 4	SW 6	10	10	0.345	☉ (force 8) p.
9	29.72	29.87	44.9	45.1	44.5	50.0	2.54	2.70	86	93	WSW 3	WNW 2	0	0	0.018	Day very fine and pleasant. ☐ 2 n.
10	30.02	30.04	44.8	45.0	44.3	51.8	2.72	2.72	93	88	Calm	S 2	10	10	0.030	☐ early a. ☐ a. and p.
11	30.04	30.15	44.9	45.1	44.5	50.0	2.54	2.70	86	93	W 2	W 2	10	10	0.007	Fine and mild from 9 a.
12	30.17	30.17	44.9	45.1	44.5	50.0	2.54	2.70	86	93	SSW 1	SW 3	10	10	0.030	Dull, with ☐ a., then very fine.
13	30.08	29.94	44.9	45.1	44.5	50.0	2.54	2.70	86	93	SW 2	SW 2	10	10	0.015	Dull day.
14	29.81	29.78	44.9	45.1	44.5	50.0	2.54	2.70	86	93	SW 2	SW 1	10	10	0.260	Damp and gloomy a.
15	29.56	29.42	44.9	45.1	44.5	50.0	2.54	2.70	86	93	SW 3	SW 3	10	10	0.405	☐ in the afternoon.
16	29.30	29.12	44.9	45.1	44.5	50.0	2.54	2.70	86	93	SSW 2	W 1	10	10	0.413	
17	29.36	29.42	44.9	45.1	44.5	50.0	2.54	2.70	86	93	NW 2	NW 3	10	9	0.001	Day fine and dry. [grass p.]
18	29.65	29.80	44.9	45.1	44.5	50.0	2.54	2.70	86	93	NW 2	SW 1.5	0	1	—	☐ a. Beautiful day. ☐ on
19	29.82	29.75	44.9	45.1	44.5	50.0	2.54	2.70	86	93	NNE 0.5	NE 2	0	0	—	☐ a. Beautiful day. ☐ on
20	29.65	29.91	44.9	45.1	44.5	50.0	2.54	2.70	86	93	NE 2	NE 2	10	0	—	Dull and cold. [grass n.]
21	30.19	30.08	44.9	45.1	44.5	50.0	2.54	2.70	86	93	E 2	SE 5	0	10	0.223	☐ a. Beautiful day, but cold.
22	29.84	29.90	44.9	45.1	44.5	50.0	2.54	2.70	86	93	SE 4	WSW 1	10	0	0.057	☉ a.
23	30.02	30.03	44.9	45.1	44.5	50.0	2.54	2.70	86	93	S 4	SW 4.5	10	2	—	Fine and mild.
24	29.79	29.77	44.9	45.1	44.5	50.0	2.54	2.70	86	93	SSE 2	SW 1.5	0	2	0.088	Beautiful day throughout.
25	29.92	30.14	44.9	45.1	44.5	50.0	2.54	2.70	86	93	WSW 1	SW 2	10	7	0.082	☐ till 9 a. ☉ till noon. Beautiful
26	30.11	30.06	44.9	45.1	44.5	50.0	2.54	2.70	86	93	S 2.5	S 4.5	10	10	0.493	Dull and damp. [afternoon. ☐ 2 n.]
27	29.83	29.85	44.9	45.1	44.5	50.0	2.54	2.70	86	93	SSW 2.5	SW 2.5	10	10	0.068	
28	29.92	30.11	44.9	45.1	44.5	50.0	2.54	2.70	86	93	S 1	NNE 2	10	8	0.038	
Means	29.731	29.748	44.9	45.7	44.0	50.0	2.67	2.61	90.7	90.2	2.4	2.5	7.7	5.5	3.401	

ST. LEONARDS.

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

FEBRUARY 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	43.5	45.2	41.2	47.0	2.67	2.75	94	92	SSW 4	SW 6	10	10	ins.	Squally ☉ (gale) p.
2	29.24	29.35	43.5	45.2	41.2	47.0	2.67	2.75	94	92	SSW 7	SW 4	2	10	0.049	☉ (gale) in past n.
3	29.31	29.40	43.5	45.2	41.2	47.0	2.67	2.75	94	92	SW 3	W 1	2	8	0.088	☐ p.
4	29.46	29.32	43.5	45.2	41.2	47.0	2.67	2.75	94	92	SSW 3	SSW 5	10	10	0.175	
5	29.43	29.70	43.5	45.2	41.2	47.0	2.67	2.75	94	92	SW 3	WNW 3	4	0	0.007	
6	29.88	29.68	43.5	45.2	41.2	47.0	2.67	2.75	94	92	SW 3	SSW 6	8	10	0.021	☉ (gale) after 9 p.
7	29.71	29.96	43.5	45.2	41.2	47.0	2.67	2.75	94	92	SW 3	W 3	6	1	0.011	☐ p.
8	29.90	29.45	43.5	45.2	41.2	47.0	2.67	2.75	94	92	S 5	SSW 9	10	10	0.210	☉ (gale) from 6 p., abating 9.30 p.
9	29.68	29.84	43.5	45.2	41.2	47.0	2.67	2.75	94	92	W 5	WNW 2	0	0	—	☐ p.
10	30.03	30.08	43.5	45.2	41.2	47.0	2.67	2.75	94	92	WNW 3	S 1	5	10	0.022	☐ a.
11	30.05	30.15	43.5	45.2	41.2	47.0	2.67	2.75	94	92	W 2	W 1	10	0	0.011	☐ (mist) a. ☐ at night.
12	30.18	30.19	43.5	45.2	41.2	47.0	2.67	2.75	94	92	W 3	WNW 1	10	10	0.015	Overcast with ☐ (mist) all day.
13	30.11	30.05	43.5	45.2	41.2	47.0	2.67	2.75	94	92	SW 2	WSW 3	10	10	0.004	Overcast all day with ☐ (mist).
14	29.84	29.79	43.5	45.2	41.2	47.0	2.67	2.75	94	92	SSW 2	SW 3	10	10	0.252	
15	29.61	29.47	43.5	45.2	41.2	47.0	2.67	2.75	94	92	SSW 2	SSW 4	10	10	0.402	Overcast all day, with almost constant ☐.
16	29.35	29.11	43.5	45.2	41.2	47.0	2.67	2.75	94	92	SSW 2	S 4	10	10	0.796	Overcast, with ☉.

BABBACOMBE.

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

FEBRUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	44°	43°	41°	50°	in.	in.	82	90	SW 4	SW 5	9	2	ins.	(gale) p.
2	29°18	29°28	44°	43°	41°	50°	238	253	82	90	SW 4	SW 5	9	2	430	< till 4a. Δ^2 Δ^2 2p. Squally
3	29°05	29°13	43°	42°	40°	48°	236	236	85	79	SSW 8	SSW 6	10	3	200	Squally Δ^2 Δ^2 a. Very high sea and tide.
4	29°29	29°35	41°	40°	38°	46°	227	177	86	90	WSW 3	WSW 2	9	3	170	(mist) p.
5	29°37	29°43	42°	41°	39°	48°	222	214	83	89	WSW 5	WSW 2	3	0	290	Δ^2 before ga. Δ^2 2p. after 11p.
6	29°48	29°54	42°	41°	39°	48°	226	207	83	87	SSW 6	SW 7	10	2	010	Δ^2 before ga. p.
7	29°67	29°71	42°	41°	39°	48°	231	257	84	87	WSW 3	SW 3	2	7	210	Squally (gale) 4p.—6p.
8	29°72	29°78	42°	41°	39°	48°	229	218	85	85	WSW 6	WNW 4	10	2	130	Δ^2 showers 7a. p.
9	29°78	29°88	42°	41°	39°	48°	230	230	80	90	WSW 2	WSW 2	2	1	670	Squally (gale) from S. 1p.—4p. [Wind WSW 6p.]
10	30°01	30°03	44°	43°	41°	50°	265	323	92	97	SSW 2	SSW 2	2	9	—	(mist) a. and p. p.
11	29°09	29°16	44°	43°	41°	50°	338	331	94	98	W 3	SW 3	10	8	—	(mist) a. and p.
12	29°16	29°17	44°	43°	41°	50°	333	308	99	99	WSW 3	SSW 3	10	10	020	5a. (mist) a. and p.
13	29°07	29°09	45°	44°	42°	51°	299	299	98	93	SW 3	SW 3	10	10	020	(mist) a. Dull day.
14	29°81	29°81	45°	44°	42°	51°	330	321	99	99	SW 3	SSE 2	10	10	030	(mist) a. and p.
15	29°51	29°51	45°	44°	42°	51°	346	346	99	99	SW 3	SW 3	10	10	160	till 11.15a. p.
16	29°25	29°25	45°	44°	42°	51°	342	318	99	98	SSW 3	NNW 2	10	8	190	(mist) a. p. Wind SE. 2p.
17	29°40	29°40	45°	44°	42°	51°	244	169	91	84	WSW 1	SW 1	10	1	—	(mist) a. p.
18	29°69	29°69	45°	44°	42°	51°	170	79	85	NNW 1	WNW 1	1	0	—	(mist) a. Fine day. p.	
19	29°79	29°79	45°	44°	42°	51°	174	84	71	NNE 1	E 5	4	4	—	n. O 10.45a.—3p. Squally p.	
20	29°63	29°63	45°	44°	42°	51°	180	155	83	74	ENE 6	NE 4	10	8	—	Squally (gale) from E. a. [Midt.]
21	29°13	29°13	45°	44°	42°	51°	158	201	68	76	SE 3	S 6	6	10	420	Squally (gale) from SSW. 11p.—
22	29°76	29°76	45°	44°	42°	51°	225	225	97	85	SW 4	WSW 3	10	0	030	(mist) a. p. Squally [gale] at night.
23	29°95	29°95	45°	44°	42°	51°	297	288	92	85	SSW 5	SSW 6	10	7	—	Squally (gale) 10a.—4p. Δ^2 8p. [U 9.30p.]
24	29°71	29°71	45°	44°	42°	51°	317	327	87	95	S 3	WSW 2	0	10	010	Δ^2 (mist) a. p. Δ^2 (mist) p.
25	29°02	29°02	45°	44°	42°	51°	313	280	95	93	WSW 2	SW 3	10	5	100	n. Δ^2 a. Δ^2 (mist) a. and p. [U 2 (coloured) 9.10p.—9.30p.]
26	29°01	29°01	45°	44°	42°	51°	304	331	94	98	S 5	SSW 7	10	10	820	Squally p. [night.]
27	29°76	29°76	45°	44°	42°	51°	331	312	93	92	SW 4	SW 4	9	9	030	(mist) a. Squally (gale) at
28	29°90	29°90	45°	44°	42°	51°	307	219	98	82	NNE 2	NNE 2	10	2	—	before ga. Δ^2 (mist) a. and p.
Means	29°698	29°733	45°	43°	40°	49°	274	257	89°	88°	3°	3°	7°	5°	4°	250

ST. AUBIN'S, JERSEY.

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

FEBRUARY 1885.

1	29°32	29°48	44°	43°	41°	49°	268	264	84	84	SW 4	SW 5	10	4	200	Squally a. and p. Distant Δ^2 4p. Δ^2 6p.
2	29°31	29°31	44°	43°	41°	49°	274	253	71	85	S 3	SW 3	8	1	050	[< in evening. Δ^2 11.30p.]
3	29°37	29°49	44°	43°	41°	49°	264	255	85	92	SW 3	SW 2	5	1	020	Δ^2 a. Very fine morning. Δ^2 6p.
4	29°46	29°46	44°	43°	41°	49°	253	224	90	90	S 2	Calm	0	3	0	Δ^2 a. Fine a. p. Fine night.
5	29°53	29°53	44°	43°	41°	49°	235	248	80	86	SW 3	SW 2	2	0	010	Δ^2 a. Day extremely fine and bright.
6	29°03	29°03	44°	43°	41°	49°	261	293	87	92	W 3	SW 4	9	10	120	Gloomy and squally p. [D 6p.]
7	29°06	29°06	44°	43°	41°	49°	248	268	82	90	SW 3	SW 2	8	0	030	Extremely fine day. Δ^2 6p.
8	29°06	29°06	44°	43°	41°	49°	232	283	97	92	SSW 3	W 3	9	4	300	
9	29°89	29°89	44°	43°	41°	49°	216	288	71	96	W 2	W 2	5	10	030	
10	29°09	29°09	44°	43°	41°	49°	303	341	98	99	SW 1	SW 1	10	10	123	Scotch Δ^2 p.
11	29°19	29°19	44°	43°	41°	49°	347	333	99	100	W 2	Calm	0	10	110	Scotch Δ^2 at times all day.
12	29°27	29°27	44°	43°	41°	49°	324	321	98	97	SW 1	SW 1	10	10	002	
13	29°16	29°16	44°	43°	41°	49°	324	291	89	84	SW 1	S 2	1	4	—	Δ^2 a. Extremely fine. Cloudy p.
14	29°01	29°01	44°	43°	41°	49°	287	306	93	95	SW 2	SW 1	4	10	235	Δ^2 a. Very fine a. Cloudy p.
15	29°66	29°66	44°	43°	41°	49°	332	353	99	97	S 1	SW 2	10	10	480	Δ^2 showers all day and night. Gloomy.
16	29°34	29°34	44°	43°	41°	49°	343	353	99	100	SSW 2	W 4	10	10	365	Bar. 29°15 5p. Squally at night.
17	29°47	29°47	44°	43°	41°	49°	316	265	94	96	W 1	Calm	0	10	240	
18	29°71	29°71	44°	43°	41°	49°	197	180	70	76	NW 1	Calm	0	7	2	Extremely fine day. p.
19	29°80	29°80	44°	43°	41°	49°	215	203	84	75	NE 2	NE 5	7	10	080	Δ^2 a. O p. Squally p. at night.
20	29°52	29°52	44°	43°	41°	49°	212	192	92	75	NE 5	NE 4	10	8	170	Squally p. a. and p. Cold wind. [Gloomy.]
21	29°17	29°17	44°	43°	41°	49°	184	173	72	75	E by S 2	S 6	3	9	120	Δ^2 a. Extremely fine and bright.
22	29°07	29°07	44°	43°	41°	49°	245	287	88	96	S 3	Calm	0	10	0	Squally p. Δ^2 early a. Day gloomy.
23	29°13	29°13	44°	43°	41°	49°	285	269	92	80	S 3	S 3	6	9	—	Day very fine. Cloudy p.
24	29°86	29°86	44°	43°	41°	49°	243	299	73	86	SE 2	SSW 2	0	7	200	Δ^2 a. Day extremely fine. Δ^2 6p.
25	29°98	29°98	44°	43°	41°	49°	330	281	97	80	NW 1	Calm	0	10	0	Δ^2 a. Very fine p. p.
26	29°20	29°20	44°	43°	41°	49°	279	297	92	90	SE 2	S 2	6	10	130	Δ^2 a. Wryneck heard.
27	29°91	29°91	44°	43°	41°	49°	315	285	94	86	S 2	SW 2	9	7	135	Δ^2 p.
28	29°02	29°02	44°	43°	41°	49°	321	313	97	97	SW 2	Calm	0	10	004	Δ^2 p.
Means	29°813	29°835	44°	43°	41°	49°	277	276	88°	89°	2°	2°	7°	6°	3°	904

Earth temperature: Mean of 9 readings taken every third day, at 1 foot, 46°; at 3 feet, 44°; at 6 feet, 48°.

LONDONDERRY.

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

FEBRUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	28°80	28°69	30°7	30°7	37°5	47°9	.209	.209	85	85	SW 3	SW 4	3	9			
2	28°83	28°72	37°9	38°8	34°4	44°9	.213	.219	94	93	NE 2	S 1	10	1	0	060	
3	29°02	29°19	38°7	38°7	35°8	46°2	.214	.216	91	92	WSW 2	SW 2	2	0	0	020	
4	29°14	29°12	36°7	36°7	34°0	41°4	.202	.201	93	94	E 2	S 1	10	1	0	030	
5	29°20	29°20	34°4	36°7	31°2	43°0	.189	.202	95	93	W 1	W 2	1	0	0	090	
6	29°22	29°22	45°2	40°0	33°8	49°8	.278	.241	93	98	SSE 2	Calm	0	10	10	330	
7	29°23	29°23	39°4	39°7	35°0	44°8	.226	.209	94	85	SW 3	WSW 3	8	1	0	320	
8	29°05	29°05	31	48°0	38°7	37°1	.283	.222	85	94	SW 5	W 1	10	9	0	200	
9	29°37	29°37	42°7	39°7	34°1	47°1	.216	.209	79	95	NW 5	WSW 3	8	0	0	060	
10	29°82	29°82	38°7	50°7	35°0	51°0	.212	.350	91	94	S 2	SSW 4	10	10	0	060	
11	29°88	29°88	43°2	49°3	42°0	52°7	.251	.339	90	97	WSW 2	SW 1	9	10	0	070	
12	29°76	29°76	49°7	49°0	47°7	53°2	.323	.317	92	92	SW 3	SW 3	10	5	0	150	
13	29°67	29°67	48°7	44°8	44°2	52°2	.311	.293	91	97	SW 2	SW 4	10	10	0	080	
14	29°74	29°74	38°4	33°9	33°0	48°1	.216	.193	93	97	NNW 2	S 1	2	0	0	620	
15	29°54	29°54	46	33°7	37°6	31°1	.182	.202	92	90	NE 1	NE 1	0	10	0	010	
16	29°41	29°41	36	32°2	34°2	30°0	.40°5	.170	.172	92	E 2	NE 1	2	9	—	—	
17	29°48	29°48	47	33°2	34°7	29°2	.45°5	.160	.186	87	S 1	SSW 1	3	0	0	140	
18	29°50	29°50	74	33°7	32°7	31°7	38°2	.194	.170	100	91	NW 2	W 1	7	0	0	090
19	29°84	29°84	25°7	27°9	22°0	40°3	.113	.131	81	86	SSW 1	SE 2	3	0	—	—	
20	29°82	29°82	33°7	35°7	23°8	42°0	.148	.158	77	75	SE 1	S 3	7	3	0	050	
21	29°74	29°74	21	36°4	42°7	33°0	44°0	.178	.257	83	93	S 4	S 5	10	10	0	480
22	29°23	29°23	62	44°7	39°7	37°8	48°0	.249	.209	85	83	SW 4	SW 3	4	10	0	050
23	29°46	29°46	34	45°7	50°7	37°8	53°0	.290	.345	95	93	SW 3	SW 4	10	10	0	050
24	29°33	29°33	36	51°7	47°7	45°0	54°0	.324	.267	85	81	S 3	SW 5	10	6	—	—
25	29°74	29°74	78	44°2	44°2	41°1	52°5	.255	.261	88	92	SW 2	S 1	5	10	0	110
26	29°43	29°43	52°7	49°2	43°3	58°7	.349	.292	88	84	S 3	SW 4	10	10	0	200	
27	29°46	29°70	48°7	41°9	41°0	55°3	.306	.246	89	93	S 2	NNW 1	3	10	0	080	
28	30°07	30°22	42°2	36°2	35°5	47°5	.195	.186	73	87	W 2	Calm	0	1	—	—	
Means	29°456	29°494	40°7	40°4	35°6	47°8	.231	.232	88°6	90°6	2°4	2°2	6°4	5°5	2°750		

MARKREE CASTLE, SLIGO.

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

FEBRUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	38°9	38°2	34°8	43°2	in.	in.	80	85	Calm	SE 1	6	10	ins.	
2	28°84	28°97	38°9	38°2	34°8	43°2	in.	in.	80	85	ESE 2	SE 0.5	10	10	150	
3	28°70	28°71	38°8	36°3	33°7	44°7	217	203	92	95	ESE 2	SE 0.5	10	10	150	
4	29°05	29°17	34°2	34°0	31°9	43°5	184	166	93	84	SE 0.5	SE 0.5	5	2	060	with streamers Sp.—gp
5	05	08	35°0	31°0	29°2	39°4	204	174	100	100	SE 1	Calm	0	10	10	
6	22	47	38°1	34°0	26°7	42°9	194	180	84	91	W 1	SW 1	8	5	100	
7	14	03	46°0	38°0	32°2	46°8	272	222	88	97	SSW 3	SSW 0.5	9	10	280	
8	29	51	40°2	39°1	33°3	44°7	232	211	92	89	SSW 1	SSE 1	9	10	300	in past n., and a.
9	10	35	43°9	38°2	30°5	50°5	273	206	95	90	W 2	NW 3	10	10	100	
10	50	75	41°1	38°1	33°4	44°0	222	217	86	95	NW 3	SSW 0.5	8	9	180	
11	73	57	39°2	49°8	35°0	51°0	236	348	98	97	SE 1	SSW 3	10	10	140	
12	88	82	43°2	49°8	40°7	50°7	257	343	92	95	SSW 1	SSW 2	10	10	150	
13	77	85	50°1	49°5	48°6	52°6	338	328	93	93	SSW 5	SSE 1	10	10	050	
14	69	61	49°1	44°3	43°4	49°6	314	275	90	95	SW 6	SW 1	10	10	070	Overcast all day
15	74	68	35°9	29°3	25°5	45°6	201	162	96	100	Calm	Calm	0	2	3	
16	52	41	28°1	35°3	23°1	44°6	154	195	100	95	Calm	Calm	0	4	9	
17	35	33	31°0	29°8	24°0	40°9	156	134	89	80	Calm	Calm	0	2	2	
18	52	50	33°1	33°0	27°1	43°6	162	171	85	91	Calm	SW 0.5	5	8	100	showers in the evening.
19	51	75	37°1	28°1	27°3	41°6	144	154	88	100	WSW 1	Calm	0	9	7	showers.
20	83	78	27°0	28°2	19°9	40°9	147	136	100	88	Calm	S 0.5	2	1	—	
21	77	86	32°3	34°0	27°8	40°8	182	188	99	96	SSE 1	SE 3	9	9	—	
22	62	15	37°0	45°8	29°4	45°7	206	293	94	95	SSE 5	S 7	10	10	730	(gale), showers during the day.
23	31	64	43°1	39°6	38°1	46°2	269	215	97	89	SSW 0.5	SW 1	8	8	040	
24	47	31	47°9	51°2	37°1	51°9	312	371	95	99	SSW 1	S 3	10	10	070	
25	28	38	49°8	45°9	45°0	52°7	353	280	98	92	S 4	SSW 4	10	7	010	
26	74	71	40°0	43°1	33°7	50°4	245	258	99	93	SW 0.5	SSE 5	9	8	200	
27	40	40	51°7	46°4	41°2	55°8	352	280	92	89	SSW 5	SSW 5	10	6	240	
28	29°41	29°72	48°1	43°4	42°2	54°0	298	232	89	82	SSW 2	NNW 4	9	10	140	
29	30°07	30°17	42°1	37°0	34°5	45°3	206	186	77	85	NNW 2	ESE 0.5	9	8	—	
Means	29°446	29°488	40°0	38°9	33°5	46°6	235	226	92°5	92°1	1°8	1°7	8°0	7°9	3°200	

DUBLIN.

Height above Mean Sea Level, 54 feet. Long. 6° 15' W. Lat. 53° 20' N.

FEBRUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	28°93	29°07	40°4	42°7	39°7	46°6	198	206	80	76	swby 4	S 4	3	9	128	Bright and bracing a.
2	28°74	28°80	45°3	42°2	39°2	48°7	277	207	92	78	S 2	SSE 3	10	4	010	early a.
3	29°09	29°25	39°3	39°7	35°6	46°3	196	201	82	82	WbyN 2	SW 2	1	0	060	Very bright and pleasant.
4	11	16	38°8	36°5	34°0	41°9	218	173	93	80	S 2	WSW 2	9	0	080	showers a. Very fine and bright p.
5	27	55	35°7	38°0	34°8	44°4	195	187	93	82	W 3	W 3	3	0	013	Very fine and bright. Mountains covered with snow.
6	32	07	48°6	40°1	37°1	53°9	284	223	83	90	S 3	W by S 5	8	8	130	Squally p. Much milder.
7	37	66	41°8	43°0	38°3	47°6	212	209	81	76	W by S 6	WSW 3	3	8	030	Squally p.
8	21	33	53°0	38°9	35°9	53°4	300	203	75	87	SW 7	NW 5	7	7	504	Squally p. Warm and fine a. [Sudden chill 2 p.—6 p. p.]
9	53	78	40°8	39°6	34°8	46°1	195	211	77	87	W 4	W 3	1	0	040	Clear crisp weather.
10	84	72	41°2	52°8	38°2	53°8	237	329	93	82	SSE 1	SW 6	10	5	012	Gloomy a., warm p. Squally later.
11	92	95	48°0	52°1	47°4	53°4	261	318	78	81	W 4	SSW 3	7	7	—	Squally (gale) n. Day very fine and mild.
12	93	94	51°6	52°2	50°8	54°8	309	322	81	83	SW 3	SW 4	9	5	—	2 p.
13	84	69	48°7	46°3	46°2	53°3	281	292	82	94	swby 4	W 3	9	10	038	from 7 p.
14	75	71	39°7	39°0	38°1	46°8	210	205	86	87	NW 2	Calm	0	2	4	Much cooler a. (mist) p.
15	52	43	39°1	38°0	37°1	43°8	216	201	91	88	Calm	Calm	0	9	10	a. and p.
16	34	27	37°1	39°0	32°9	43°1	186	203	84	86	ENE 2	NE 2	6	10	920	from 1 p.
17	42	52	33°2	31°0	29°8	39°3	185	141	98	81	NNE 1	NW 3	10	0	081	early a. a. Thaw p. [showers p.]
18	54	75	35°2	33°3	30°2	40°3	160	163	79	86	W 4	WNW 3	3	0	022	a. Thaw. a. (sleet) [showers p.]
19	83	80	28°4	34°7	26°1	37°7	135	154	87	76	WSW 1	ESE 2	0	2	—	Very fine day, with gradual thaw.
20	79	95	37°2	35°9	33°4	41°3	160	158	73	76	ESE 3	SE 2	6	2	—	
21	91	39	37°9	43°2	34°4	43°6	184	236	81	85	SSE 5	S 8	10	0	700	Squally a. and p. p. Lunar
22	38	75	46°1	41°0	40°2	49°0	245	195	79	76	WSW 6	W by S 3	5	6	010	Squally a. Day warm and cloudy.
23	60	50	50°3	53°3	40°6	54°9	300	328	83	80	SW 5	SSW 3	10	9	—	
24	43	52	51°4	49°2	49°0	55°6	316	257	84	74	SE 1	SW 5	9	1	—	Dry and bright from 3 p. p. [p.]
25	80	86	46°1	47°5	42°9	54°1	256	268	83	82	SW 1	SSW 2	4	5	010	Very fine a.
26	58	55	54°2	53°1	47°0	58°4	336	309	80	76	SSW 4	SW 4	10	3	014	a. and p.
27	29°53	29°65	51°6	49°3	49°0	55°4	284	288	75	83	SSW 3	WSW 1	3	8	—	Very fine and mild.
28	30°06	30°19	41°0	40°8	37°5	49°9	187	200	73	79	NW 2	N 1	0	1	—	Much colder. (mist) a. and p.
Means	29°521	29°565	42°9	42°6	38°6	48°5	233	228	83°1	81°9	3°0	3°0	6°0	4°8	2°812	

PARSONSTOWN (BIRR CASTLE).

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

FEBRUARY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°3	35°8	35°1	45°6	in.	in.	°/o	°/o	S	0°5	S	1	0	10	ins.	
2	28°69	28°76	42°5	36°1	35°0	47°6	261	196	92	92	SE	1	S	1	8	0	046	
3	29°10	29°24	34°3	33°4	32°0	46°1	186	181	94	95	S	0°5	S	0°5	4	7	178	
4	08	12	34°8	35°2	32°5	39°1	190	163	94	79	Calm	0	S	1-2	9	9	110	✱ before ga. (mist) gp.
5	32	57	34°3	36°7	32°8	43°0	192	202	97	93	W	1	S	2	4	10	125	
6	27	14	47°3	38°3	35°2	47°4	302	219	93	95	SW	2	SSW	1	10	3	480	(mist) gp.
7	41	61	40°8	41°0	35°0	47°4	219	219	87	86	SW	1°5	SW	1°5	4	10	084	(mist) gp.
8	27	44	47°5	36°3	35°8	52°1	263	196	81	92	SW	4	WSW	3	10	0	215	Squally a. and p.
9	61	81	40°0	36°8	33°4	47°0	213	204	86	94	W	1°5	Calm	0	4	0	050	
10	79	74	40°6	51°6	35°4	54°0	240	356	95	93	SSE	1	SW	4	10	10	079	(mist) before ga. Squally p.
11	93	94	45°8	51°5	44°9	53°0	286	341	93	89	W	1	SW	2°5	10	10	—	(mist) before ga.
12	92	94	51°0	50°3	48°8	54°4	306	357	82	98	SSW	2	SSW	1	5	10	108	
13	83	71	47°5	45°1	44°0	52°4	287	263	83	88	SSW	1	SW	3	8	10	042	Squally p.
14	77	71	36°2	35°8	35°2	46°0	208	195	97	93	Calm	0	Calm	0	2	8	—	(mist) gp.
15	53	44	31°6	33°7	30°0	44°0	161	163	91	84	Calm	0	Calm	0	7	9	—	(mist) gp.
16	33	33	31°0	33°0	24°0	37°4	148	171	85	91	NE	0°5	NNE	0°5	7	10	—	(mist) p.
17	47	56	32°8	31°0	26°6	41°5	166	151	89	87	NNW	1	Calm	0	10	2	128	✱ ga. and before.
18	60	79	34°0	30°0	29°2	44°0	186	156	95	93	SSW	1	Calm	0	6	8	032	✱ before ga. (mist) gp.
19	83	79	26°1	31°8	21°9	41°3	125	137	88	76	Calm	0	Calm	0	0	0	—	a. (mist) gp.
20	77	92	34°5	31°8	24°2	43°3	141	156	70	87	SSE	0°5	SE	0°5	7	10	—	(mist) gp.
21	74	32	41°2	46°0	29°2	46°9	203	265	79	86	SSE	3	SSE	4°5	10	10	660	Squally p. (mist) (mist) gp.
22	43	75	44°4	38°6	37°7	48°2	251	207	86	89	SSW	2	SSW	1	8	1	054	(mist) gp.
23	56	45	50°1	52°1	37°0	53°7	333	360	92	92	SSW	1	SSW	2	10	10	014	Squally with ✱ before ga.
24	40	53	50°0	46°4	45°2	54°2	334	271	93	87	S	1	SW	2-3	10	5	035	(mist) gp.
25	79	82	42°0	46°9	37°3	52°0	245	209	92	91	Calm	0	SSE	2-3	5	10	040	
26	52	50	53°8	50°0	40°0	58°0	345	304	83	85	SW	2	SSE	3	6	10	058	(mist) gp.
27	47	47	50°0	47°2	43°4	55°2	347	303	88	84	S	1°5	NW	3	8	10	158	
28	30°10	30°18	40°6	35°7	35°4	47°3	201	180	80	85	NNW	0°5	Calm	0	10	8	—	(mist) gp.
Means	29°515	29°505	40°8	40°0	35°1	47°9	232	229	88°8	89°4	1°1		1°5	6°0	7°1	2°707		

DUNROBIN CASTLE.

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

MARCH 1885.

Day.	Barometer at 32" and M.S.L.		Air Temperature.				Tension of Vapour		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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° 5'	30° 3'	31° 7'	35° 3'	196	197	98	92	E	SE	—	—	ins.	Clear, cold, and windy.
2	30° 29	30° 21	34° 5'	30° 3'	31° 7'	35° 3'	196	197	98	92	E	SE	—	—	—	Fine a. Dull and cold p.
3	30° 01	29° 78	37° 9	39° 2	36° 1	40° 3	166	183	73	76	E	SE	—	—	0.80	Dull, with ☉ showers.
4	30° 63	30° 53	39° 6	39° 6	37° 6	42° 5	204	204	84	82	SE	SE	—	—	0.70	
5	30° 55	30° 65	40° 6	38° 9	36° 4	42° 5	212	204	84	87	SE	SE	—	—	—	
6	30° 66	30° 58	36° 5	35° 3	33° 5	42° 0	156	164	72	79	E	E	—	—	—	
7	30° 68	30° 83	37° 4	34° 8	33° 7	45° 0	154	152	69	74	SW	NW	—	—	—	Mild and dull.
8	30° 72	30° 76	43° 4	39° 9	30° 5	46° 5	224	206	79	84	W	N	—	—	—	Clear and mild.
9	30° 92	30° 13	36° 5	31° 8	31° 5	50° 5	175	146	81	81	NE	N	—	—	—	* and * (sleet) showers.
10	30° 22	30° 33	33° 5	36° 8	23° 5	41° 7	164	210	85	97	NW	NW	—	—	1.50	Fine and clear a. Dull p.
11	30° 39	30° 39	38° 2	41° 4	34° 3	49° 5	218	259	95	99	SW	W	—	—	—	Clear and fine.
12	30° 40	30° 48	43° 9	42° 6	35° 1	50° 0	282	271	99	99	NW	NW	—	—	—	
13	30° 52	30° 58	44° 4	44° 6	39° 6	48° 7	290	280	99	95	NW	W	—	—	—	Fine and mild.
14	30° 61	30° 60	46° 2	40° 9	40° 7	52° 0	292	251	94	99	N	N	—	—	—	
15	30° 60	30° 54	41° 2	36° 3	34° 5	50° 3	248	188	66	88	NW	NE	—	—	—	
16	30° 32	30° 12	39° 9	43° 6	35° 1	50° 3	212	209	87	74	W	NW	—	—	1.10	
17	30° 11	30° 00	42° 6	40° 2	35° 4	50° 0	219	198	81	80	W	NW	—	—	7.20	☉ showers.
18	29° 47	29° 33	46° 6	40° 4	37° 6	50° 5	206	220	65	68	NW	W	—	—	1.30	* showers.
19	29° 67	29° 01	37° 6	33° 1	32° 3	41° 0	162	128	72	68	N	N	—	—	0.70	Blow.
20	29° 53	29° 35	35° 5	46° 6	30° 7	48° 5	203	316	98	100	N	NW	—	—	1.40	Blow, with ☉ showers. * showers p.
21	29° 36	29° 48	43° 4	32° 5	32° 3	49° 3	279	181	99	98	NW	W	—	—	0.60	Snow 2 inches deep a.
22	29° 62	29° 71	32° 3	35° 3	29° 0	41° 5	161	205	88	99	NW	W	—	—	1.00	☉ showers a. Fine, but cold p.
23	29° 97	29° 34	32° 5	35° 8	31° 0	40° 5	181	164	98	77	E	SW	—	—	—	Milder p.
24	29° 33	29° 06	37° 1	40° 4	30° 5	52° 5	211	249	95	99	SW	SW	—	—	—	Clear and mild.
25	29° 87	29° 15	43° 6	39° 6	39° 4	46° 5	282	235	97	97	SW	SW	—	—	1.80	
26	29° 95	29° 86	39° 4	39° 9	31° 3	48° 3	237	225	99	92	SW	SW	—	—	1.00	Dull and cloudy.
27	29° 70	29° 13	40° 6	41° 6	31° 7	48° 7	251	292	99	99	E	NW	—	—	1.20	
28	29° 53	29° 12	41° 9	35° 5	34° 3	46° 5	253	203	95	98	NE	NW	—	—	—	
29	29° 15	29° 83	39° 9	43° 9	31° 3	47° 5	240	265	98	93	NW	NE	—	—	—	
30	29° 65	29° 05	45° 4	39° 6	37° 8	46° 5	301	239	99	98	NE	N	—	—	—	Fine day.
31	29° 30	29° 33	42° 6	39° 9	30° 3	46° 0	271	240	99	98	NE	N	—	—	1.40	Dull, with ☉ showers.
Means	29° 96	29° 98	39° 9	39° 2	33° 7	46° 4	223	218	89° 0	90° 0	—	—	—	—	2° 27	

BRAEMAR.

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

MARCH 1885.

1	30° 26	30° 22	30° 7	29° 7	29° 4	35° 0	167	165	98	100	NE	1	NE	1	7	7	—	Clear and fine.
2	30° 07	29° 87	32° 0	33° 2	28° 6	35° 6	182	180	100	95	SE	1	SW	4	8	7	—	Clear and fine.
3	29° 71	29° 55	33° 7	34° 7	32° 4	35° 8	174	162	89	80	S	0.5	NE	2	8	10	1.60	* showers.
4	30° 55	30° 68	34° 7	34° 0	32° 7	43° 5	174	166	92	84	E	1	SE	0.5	10	9	0.60	* showers.
5	30° 69	30° 60	30° 5	31° 2	29° 6	35° 6	127	163	74	93	W	4	SW	1	7	7	0.20	* showers.
6	30° 66	30° 82	33° 4	31° 7	31° 2	35° 9	177	140	93	78	NE	2	NE	1	7	3	0.10	* showers.
7	30° 78	30° 77	36° 5	37° 6	29° 4	43° 5	168	187	78	83	N	2	SW	2	7	9	0.40	
8	29° 86	29° 05	32° 7	28° 9	28° 9	44° 1	165	144	89	91	N	1	N	2	7	8	—	* showers.
9	30° 22	29° 43	36° 4	36° 0	31° 4	37° 4	154	167	72	78	W	2	W	2	4	7	—	* showers.
10	30° 38	30° 43	36° 4	36° 0	31° 4	37° 4	154	167	72	78	W	2	W	2	4	7	—	Clear, fair, and cold.
11	30° 45	30° 49	37° 4	37° 3	31° 6	44° 7	168	188	75	85	SW	1	W	1	6	4	—	Clear, fair, and cold.
12	30° 55	30° 59	36° 2	36° 8	32° 6	43° 7	180	191	84	88	NW	0.5	NW	0.5	6	8	—	Clear, fair, and cold.
13	30° 60	30° 63	37° 6	32° 7	32° 4	40° 3	187	165	83	89	NW	0.5	NW	0.5	7	0	—	Clear, fair, and cold.
14	30° 63	30° 55	29° 2	32° 7	25° 4	47° 8	127	165	79	89	W	0.5	SW	0.5	0	0	—	Dull a. Clear p.
15	30° 43	30° 25	30° 4	35° 6	26° 1	47° 5	152	178	89	76	SW	0.5	SW	2	8	7	—	Clear a. Dull p.
16	30° 20	30° 06	37° 3	36° 8	32° 2	43° 5	173	195	78	90	SW	4	W	2	5	8	—	Squally, with ☉ showers.
17	29° 50	29° 37	42° 9	35° 7	35° 7	44° 5	231	169	84	80	SW	4	SW	6	7	4	0.40	*
18	30° 02	30° 05	30° 5	28° 7	28° 6	39° 5	127	135	74	86	SW	4	NW	4	9	10	0.80	
19	30° 06	29° 61	31° 7	42° 6	26° 4	42° 6	156	230	87	85	SW	2	SW	4	8	10	0.70	* (very stormy).
20	30° 34	30° 58	44° 6	31° 4	28° 6	45° 8	210	131	71	74	SW	10	NW	8	4	7	0.30	* showers.
21	29° 71	29° 78	27° 7	30° 7	25° 2	40° 5	102	172	69	100	NW	8	NW	2	7	3	0.20	* showers.
22	30° 00	30° 31	32° 9	28° 7	28° 7	36° 6	184	129	98	83	NW	2	SW	2	1	8	0.40	Dark and dull.
23	30° 33	30° 15	27° 7	34° 7	21° 4	37° 6	146	146	96	72	SW	0.5	SW	2	1	8	—	Dark and dull.
24	30° 98	30° 10	37° 1	38° 6	34° 6	40° 3	179	196	81	84	SW	6	N	2	8	8	0.20	* showers.
25	30° 03	29° 85	38° 2	41° 3	26° 6	45° 3	190	226	83	84	SW	2	SW	2	8	9	—	* showers.
26	29° 71	29° 17	39° 6	41° 6	34° 4	46° 3	229	220	94	84	SW	1	SW	6	9	7	2.70	* showers.
27	29° 65	29° 13	36° 4	32° 7	32° 7	42° 5	150	130	70	70	NW	8	NW	1	7	0	0.30	* showers.
28	29° 20	29° 95	35° 5	37° 6	28° 6	41° 3	144	184	68	81	SW	0.5	NW	4	6	8	3.30	Dark and cold.
29	29° 70	29° 05	38° 4	33° 2	32° 4	40° 5	212	159	92	84	SW	2	N	6	8	10	2.80	* and * (sleet).
30	29° 30	29° 36	34° 7	28° 9	28° 9	41° 5	146	108	72	68	N	2	S	0.5	1	0	—	Clear and fair.
31	29° 04	29° 62	36° 5	39° 6	27° 4	40° 5	149	207	69	85	SW	4	SW	6	7	4	1.20	Dull and cold.
Means	30° 02	29° 96	34° 6	34° 6	29° 7	41° 4	168	169	83° 1	84° 0	—	—	—	—	2° 5	6° 4	1° 79	

LAUDALE.

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

MARCH 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
	ins.	ins.					ins.	ins.	%	%						ins.	
1	30° 14	30° 14	35° 1	36° 2	30° 0	41° 1	205	214	100	100	E	3	SE	1	1	10	∞ a. and p. U p.
2	29° 94	29° 75	37° 9	38° 3	35° 7	40° 9	172	231	75	100	SSE	7	SE	5	10	10	Stormy all day. ☉ (mist) 9p.
3	53	35	41° 0	41° 1	37° 1	43° 7	257	258	100	100	E	3	SSE	6	10	10	Threatening appearance all day.
4	44	65	43° 0	41° 0	39° 7	46° 1	277	255	100	99	ESE	3	ESE	2	10	10	Cold and cloudy all day.
5	68	53	36° 9	31° 5	30° 5	41° 0	219	169	100	95	N	1	Calm	0	6	3	Fine all day.
6	68	86	39° 0	33° 5	30° 4	44° 8	186	186	79	97	E	1	Calm	0	4	0	Fine all day.
7	86	82	42° 0	43° 2	30° 5	47° 0	265	275	99	98	NW	5	W	1	9	10	☉ (mist) a. and p. Snow on hill
8	87	86	39° 3	35° 1	34° 2	45° 0	202	132	84	64	NW	2	E	1	4	1	☉
9	26	31	31° 9	39° 2	26° 8	41° 9	156	207	87	86	Calm	0	NNW	1	9	10	Very fine till 7p., then ☉.
10	43	48	36° 9	42° 0	36° 0	46° 0	201	192	92	73	NW	1	W	2	3	3	—
11	51	53	43° 2	44° 0	35° 0	48° 4	197	226	71	78	NNW	1	W	1	10	10	—
12	57	60	41° 4	41° 2	39° 0	48° 9	229	235	88	92	Calm	0	Calm	0	10	10	Dull and warm all day.
13	64	62	36° 9	36° 9	34° 1	50° 4	203	185	93	85	Calm	0	Calm	0	4	1	Very fine all day.
14	62	54	37° 7	41° 8	31° 8	48° 9	191	213	84	80	Calm	0	Calm	0	10	10	Dull day. ∞.
15	39	25	45° 8	43° 0	40° 2	50° 1	212	213	69	77	SSW	1	W	1	8	3	☉ Very fine all day, with ∞. ☉ 9p.
16	30° 25	30° 25	42° 1	45° 0	38° 9	47° 8	220	237	83	79	W	5	W	7	6	10	☉ (mist) a. ☉ all day. ☉ (gale) on hills. [1p.]
17	29° 60	29° 50	45° 1	41° 8	40° 1	48° 7	234	202	78	77	W	6	W	5	10	6	☉ (mist) a. ☉ all day. ☉ (gale) [1p.]
18	29° 71	30° 03	36° 4	35° 6	34° 6	48° 7	187	177	87	84	N	6	NW	1	7	1	☉ showers.
19	30° 02	29° 75	38° 0	37° 1	33° 1	47° 5	180	300	78	93	Calm	0	W	1	10	10	☉ showers a. ☉ from 3.30p. ☉ (mist) p.
20	29° 55	29° 45	35° 1	35° 6	34° 3	49° 0	247	199	79	66	NW	8	N	4	9	7	☉ ☉ showers all day. ☉ (mist) p.
21	29° 26	29° 80	35° 7	38° 0	32° 1	40° 5	169	160	80	69	N	3	W	2	9	9	☉ ☉ showers a. Fine p.
22	30° 04	30° 29	39° 0	32° 8	31° 9	44° 2	195	137	83	73	W	1	Calm	0	1	0	Very fine all day. Yellow tinge round sun at setting.
23	30° 32	30° 13	37° 9	41° 0	28° 7	42° 8	160	215	70	84	E	1	S	4	9	10	☉ (mist) ☉ till 2p.
24	29° 92	30° 15	42° 9	39° 3	38° 6	45° 9	239	214	87	90	S	5	NNW	1	10	4	☉ (mist) a. ☉ all day.
25	30° 04	29° 89	42° 1	43° 5	33° 2	47° 4	222	272	83	90	S	1	NNW	3	10	8	☉ (gale) from S. till 2p. ☉ (mist).
26	29° 61	29° 16	46° 1	46° 8	39° 0	51° 0	284	277	91	87	S	5	WSW	5	10	9	☉ ☉ showers.
27	29° 75	30° 15	41° 9	39° 2	36° 1	47° 0	205	181	78	76	NNW	4	W	1	9	0	☉ ☉ all day. ☉ (mist) a. and p.
28	30° 18	29° 85	42° 0	42° 4	34° 9	46° 8	225	231	85	86	S	3	S	5	9	10	☉ (mist) a. ☉ p. Dull and gloomy
29	29° 73	30° 09	41° 0	40° 0	38° 9	45° 2	231	175	90	83	NW	4	N	2	10	8	Fine all day. ∞ p.
30	30° 34	30° 37	38° 9	36° 0	33° 2	47° 9	180	177	77	83	Calm	0	Calm	0	6	6	☉ (gale) all day. ☉ (mist) p.
31	30° 08	29° 60	42° 1	48° 1	34° 2	48° 7	206	301	77	90	SW	5	SW	6	10	10	—
Means	30° 017	30° 000	40° 2	40° 1	34° 6	46° 2	211	214	84° 7	85° 5	2° 7		2° 2	7° 6	6° 7	6° 100	

ROTHESAY.

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

MARCH 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	35°	35°	35°	40°	ins.	ins.	70	70	ENE	SE	—	—	—	Fine and breezy.
2	30°01	29°51	36°	37°	34°	40°	146	146	70	70	ESE	SE	—	—	—	Cloudy and chilly.
3	29°57	35	38°	38°	36°	42°	196	209	84	94	SE	E	—	—	—	Dull, blowy, and cold.
4	41	63	40°	39°	38°	42°	225	197	89	82	ENE	E	—	—	—	Dull and cold.
5	65	56	37°	37°	31°	44°	170	141	75	67	NW	Calm	—	—	—	Fine day.
6	64	89	39°	32°	29°	47°	183	147	74	81	NE	Calm	—	—	—	☉ showers.
7	92	29°87	40°	41°	29°	46°	212	238	84	93	W	W	—	—	—	Fine day.
8	29°87	30°05	43°	36°	35°	49°	256	175	92	82	NNW	E	—	—	—	☉ showers.
9	30°26	36	34°	36°	29°	45°	127	175	63	82	NNE	W	—	—	—	Cloudy day.
10	44	52	38°	36°	33°	46°	197	195	85	92	NW	W	—	—	—	Fine day.
11	55	57	41°	40°	32°	48°	224	223	86	90	W	NW	—	—	—	Fine day.
12	61	63	41°	40°	38°	48°	228	197	89	79	Calm	NW	—	—	—	Fine day.
13	65	64	42°	36°	35°	55°	231	192	84	88	SE	Calm	—	—	—	☉ showers.
14	65	57	39°	40°	31°	51°	213	224	88	90	Calm	Calm	—	—	—	☉ showers.
15	44	31	43°	39°	38°	51°	241	229	86	96	SW	Calm	—	—	—	☉ showers.
16	30°33	30°20	43°	43°	37°	48°	230	237	81	85	W	W	—	—	—	☉ showers.
17	29°72	29°56	44°	39°	40°	48°	287	216	99	90	WNW	W	—	—	—	☉ showers.
18	29°68	30°04	39°	36°	35°	45°	198	167	83	79	NW	N	—	—	—	☉ showers.
19	30°07	29°82	39°	45°	30°	46°	184	208	77	99	WSW	W	—	—	—	☉ showers.
20	29°58	69	45°	36°	36°	49°	300	208	99	97	NW	NW	—	—	—	☉ showers.
21	29°80	29°84	37°	34°	33°	41°	150	142	67	73	NW	NW	—	—	—	☉ showers.
22	30°05	30°25	41°	35°	33°	50°	201	133	79	65	NNW	NNE	—	—	—	☉ showers.
23	32	19	40°	40°	30°	46°	157	208	64	84	E	S	—	—	—	☉ showers.
24	30°15	41°	40°	40°	40°	47°	247	212	96	84	SE	NW	—	—	—	☉ showers.
25	30°13	29°95	39°	45°	32°	46°	226	284	95	94	Calm	SW	—	—	—	☉ showers.
26	29°71	29°28	45°	43°	43°	48°	291	287	97	100	S	W	—	—	—	☉ showers.
27	29°79	30°19	41°	36°	35°	46°	198	168	78	70	NW	NW	—	—	—	☉ showers.
28	30°26	29°94	46°	42°	33°	48°	245	259	78	97	SSE	SSW	—	—	—	☉ showers.
29	29°69	30°05	41°	38°	37°	43°	258	200	100	87	NW	NNW	—	—	—	☉ showers.
30	30°35	30°41	41°	34°	33°	50°	168	160	65	81	NNE	NW	—	—	—	☉ showers.
31	30°19	29°73	41°	43°	32°	44°	200	278	78	99	SSW	S	—	—	—	☉ showers.
Means	30°051	30°040	40°6	38°4	34°5	46°8	211	204	82°5	86°0	—	—	—	—	—	☉ showers.

PINMORE.

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

MARCH 1885.

1	30°24	30°17	28°	35°	23°	42°	153	152	98	73	N	E	4	—	—	—
2	30°02	29°85	36°	37°	33°	41°	174	195	81	86	E	E	6	—	—	—
3	29°56	29	38°	40°	37°	41°	204	202	87	81	SE	SE	4	—	—	—
4	34	58	42°	39°	39°	46°	221	209	84	88	SE	SE	4	—	—	—
5	64	57	38°	28°	28°	45°	201	138	86	88	NE	NE	0°	—	—	—
6	67	93	35°	31°	25°	45°	137	157	64	87	NE	NE	0°	—	—	—
7	98	29°93	29°	40°	22°	45°	157	236	95	93	N	N	0°	—	—	—
8	29°89	30°08	40°	35°	34°	49°	236	183	93	89	N	N	0°	—	—	—
9	30°28	37	33°	25°	25°	41°	171	131	91	95	N	N	0°	—	—	—
10	48	56	33°	33°	25°	48°	150	171	77	89	N	N	0°	—	—	—
11	59	61	31°	33°	26°	46°	163	171	92	89	N	N	0°	—	—	—
12	62	66	39°	30°	30°	48°	213	148	88	87	N	N	0°	—	—	—
13	67	68	32°	29°	24°	53°	143	139	78	86	N	N	0°	—	—	—
14	68	62	29°	34°	22°	51°	179	179	53	89	N	NW	0°	—	—	—
15	49	58	37°	40°	30°	51°	174	223	79	90	SW	SW	3	—	—	—
16	30°40	30°28	41°	41°	38°	47°	213	217	81	85	W	W	0°	—	—	—
17	29°84	29°65	43°	40°	39°	47°	228	220	82	88	SW	SW	4	—	—	—
18	29°68	30°07	40°	33°	33°	45°	190	157	76	81	W	N	0°	—	—	—
19	30°10	29°89	36°	44°	26°	44°	129	277	59	95	SW	SW	6	—	—	—
20	29°69	77	46°	41°	33°	46°	291	146	75	81	NW	N	0°	—	—	—
21	29°85	29°87	37°	31°	31°	46°	169	146	75	81	NW	N	0°	—	—	—
22	30°06	30°31	42°	30°	25°	49°	210	146	78	86	NE	NE	0°	—	—	—
23	40	25	34°	38°	22°	47°	143	206	70	89	N	NE	3	—	—	—
24	08	19	42°	40°	38°	45°	221	235	84	94	S	NW	0°	—	—	—
25	30°20	30°05	33°	44°	30°	50°	153	276	80	95	N	N	0°	—	—	—
26	29°76	29°42	44°	44°	40°	50°	259	276	90	95	W	SW	8	—	—	—
27	29°79	30°26	43°	36°	36°	46°	200	180	72	84	N	NE	3	—	—	—
28	30°35	03	39°	43°	29°	48°	274	204	95	92	SE	SE	6	—	—	—
29	29°72	02	44°	37°	37°	44°	274	204	95	92	N	N	0°	—	—	—
30	30°35	30°45	40°	29°	29°	48°	204	153	80	92	N	N	0°	—	—	—
31	30°25	29°84	38°	41°	25°	44°	191	247	83	94	N	SE	4	—	—	—
Means	30°085	30°084	38°0	36°6	30°6	46°7	190	193	81°6	87°7	2°1	2°5	—	—	—	☉ showers.

SCALEBY (NEAR CARLISLE).

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

MARCH 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.				
1	ins.	ins.	33°	33°	26°	44°	ins.	ins.	82	79	Calm	0	NE	2	1	10	ins.	Overcast all day.
2	30°25	30°20	34°	38°	29°	42°	168	144	81	79	SE	1	SE	4	6	10	—	
3	29°07	29°88	34°	38°	29°	42°	162	182	81	79	E	5	E	4	10	10	°060	
4	29°62	34	39°	41°	36°	42°	196	204	81	79	E	3	E	3	10	10	°540	
5	33	53	41°	37°	37°	43°	212	206	93	92	NE	2	NE	3	10	3	°040	
6	57	55	37°	31°	31°	40°	202	174	92	98	E	2	E	3	5	0	—	
7	54	84	36°	35°	28°	43°	196	180	90	88	E	2	E	3	5	0	°020	
8	93	29°88	34°	40°	26°	45°	146	233	73	93	Calm	0	SW	4	1	0	—	
9	29°89	30°01	41°	35°	35°	46°	222	159	86	92	W	1	NE	4	7	10	—	
10	30°19	28	33°	31°	28°	40°	140	155	74	88	N	4	N	1	1	8	—	
11	42	51	35°	33°	30°	44°	189	150	92	78	E	1	NW	2	8	3	—	
12	57	61	36°	35°	27°	48°	189	189	85	92	SW	3	Calm	0	8	0	—	
13	57	61	36°	35°	27°	48°	189	189	85	92	Calm	0	NW	2	0	10	—	
14	57	65	36°	34°	30°	51°	186	189	71	92	Calm	0	Calm	0	10	0	—	
15	63	57	35°	35°	27°	50°	169	171	81	83	Calm	0	Calm	0	0	0	—	
16	45	35	37°	36°	30°	50°	196	198	88	92	Calm	0	SW	1	10	10	—	
17	30°34	30°24	43°	42°	36°	47°	236	220	72	84	SW	3	SW	4	0	4	°030	
18	29°80	29°58	43°	40°	39°	47°	236	233	85	93	SW	7	SW	6	10	10	°120	
19	29°55	96	33°	33°	32°	44°	173	153	91	81	N	6	E	4	10	0	Squally a. and p. * Squally a.	
20	30°10	84	34°	41°	25°	42°	146	248	73	97	SW	3	SW	5	0	10	—	
21	29°57	56	48°	39°	38°	52°	306	186	91	77	SW	6	W	5	0	3	°020	
22	29°75	29°83	38°	34°	31°	44°	137	155	60	88	W	4	Calm	0	2	5	—	
23	30°00	30°25	34°	39°	27°	47°	162	149	81	82	NW	1	N	3	0	6	—	
24	36	26	32°	36°	22°	40°	125	154	68	72	Calm	0	Calm	0	1	10	—	
25	12	12	38°	39°	34°	42°	167	224	72	93	SW	6	S	1	10	10	°210	
26	30°22	30°03	41°	42°	39°	45°	227	252	89	93	S	2	W	1	10	10	°020	
27	30°84	29°36	46°	43°	40°	49°	255	240	85	85	SW	4	SW	7	10	10	°150	
28	29°74	30°19	42°	33°	33°	49°	194	173	73	91	SW	5	Calm	0	10	0	—	
29	30°30	30°09	39°	40°	28°	49°	186	195	77	78	Calm	0	E	2	0	1	—	
30	30°77	29°86	42°	44°	39°	46°	217	239	82	82	W	6	NW	3	10	10	°380	
31	30°26	30°42	39°	32°	32°	46°	196	164	81	60	NW	4	Calm	0	10	0	—	
32	30°26	29°86	40°	42°	26°	48°	199	231	81	86	S	3	SW	5	3	10	°430	
Means	30°051	30°037	38°1	37°2	31°5	46°0	189	192	81°1	86°3	2°6		2°5	5°6	5°9	2°010		

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

MARCH 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
2	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
3	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
4	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
5	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
6	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
7	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
8	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
9	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
10	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
11	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
12	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
13	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
14	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
15	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
16	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
17	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
18	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
19	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
20	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
21	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
22	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
23	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
24	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
25	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
26	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
27	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
28	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
29	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
30	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
31	30°17	30°11	38°	40°	30°	42°	in.	in.	82	80	E 4	ESE 4-5	8	10	ins.	— a. Fine day. (mist) op.
Means	30°055	30°048	41°9	40°0	34°8	45°8	243	229	80°1	92°0	3°5	3°2	6°9	6°1	3°055	

STONYHURST.

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

MARCH 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°23	30°19	35°	36°	30°	45°	151	166	72	75	NNE 1	E 1	2	10	—	— in past n.
2	30°08	29°01	36°	39°	32°	42°	167	182	77	77	SE 1	SE 1	8	10	ins.	—
3	29°62	32	36°	40°	34°	42°	192	224	90	91	E 2	NE 1	10	10	ins.	—
4	35	52	42°	41°	39°	47°	262	246	97	92	Calm	NE 1	10	10	ins.	—
5	52	49	35°	35°	32°	42°	192	167	92	81	NE 1	NNE 1	10	10	ins.	—
6	47	82	36°	35°	31°	43°	178	179	83	85	NE 2	NE 1	5	0	—	—
7	99	96	33°	37°	27°	44°	166	193	88	85	Calm	W 1	0	8	ins.	—
8	20°86	29°97	42°	36°	35°	46°	138	166	67	61	NE 1	Calm	0	8	—	—
9	30°15	30°30	35°	31°	29°	45°	138	166	67	61	NE 1	Calm	0	8	—	—
10	42	51	30°	36°	28°	46°	143	155	67	71	E 1	Calm	0	10	—	—
11	58	55	36°	35°	32°	46°	177	168	83	82	Calm	0	10	0	—	—
12	57	59	36°	38°	28°	49°	143	181	67	79	Calm	0	10	0	—	— in past n.
13	60	64	42°	39°	34°	49°	206	187	77	76	NE 1	Calm	0	5	—	— in past n.
14	65	58	38°	36°	30°	49°	167	169	72	77	NE 1	Calm	0	5	—	— in past n.
15	51	42	36°	37°	29°	47°	173	195	82	89	Calm	0	10	0	ins.	—
16	30°42	30°33	42°	39°	34°	49°	212	219	82	86	WSW 4	W 3	10	6	ins.	—
17	29°98	29°65	41°	41°	31°	43°	212	219	82	86	WSW 4	W 3	10	6	ins.	—
18	29°55	91	38°	35°	34°	48°	204	172	87	82	W 2	WSW 3	6	10	ins.	—
19	30°12	95	36°	39°	35°	46°	130	209	60	86	SW 1	WSW 3	6	10	ins.	—
20	29°71	73	40°	42°	35°	50°	204	193	95	73	SW 2	W 5	10	10	ins.	—
21	82	29°85	37°	37°	34°	42°	182	178	83	80	WSW 3	SSW 2	10	6	ins.	—
22	29°99	30°25	38°	34°	30°	45°	144	149	63	76	NE 1	NE 1	0	0	—	—
23	30°37	21	35°	37°	29°	46°	146	147	70	65	NE 3	E 1	0	10	—	—
24	30	18	30°	38°	33°	44°	166	218	76	92	SSW 1	Calm	0	10	100	—
25	30°22	30°14	40°	40°	34°	44°	215	229	87	93	S 1	WSW 1	10	10	—	—
26	29°96	29°56	41°	44°	37°	48°	219	247	85	83	S 2	SW 4	10	9	ins.	—
27	29°84	30°22	41°	37°	32°	46°	198	174	77	76	W 4	WNW 3	10	0	ins.	—
28	30°35	30°14	41°	43°	36°	50°	215	213	84	77	Calm	SW 1	3	10	ins.	—
29	29°88	29°90	41°	43°	37°	46°	228	253	88	85	S 5	S 2	10	10	ins.	—
30	30°22	30°41	39°	36°	35°	45°	196	183	82	85	NE 2	NE 1	10	2	—	—
31	30°34	30°01	35°	43°	28°	48°	173	209	83	73	Calm	WSW 2	10	10	ins.	—
Means	30°083	30°075	38°4	38°5	32°6	46°2	188	191	80°2	81°1	1°4	1°4	7°3	6°0	3°412	

MARCH 1885.

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

MARCH 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	36°	30°	45°	in.	in.	83	88	NW	2	NW	2	0	5	ins.	Fine all day.
2	30°22	30°22	40°	36°	30°	45°	186	216	100	93	SE	2	NW	2	10	10	—	Dull day.
3	30°11	29°94	32°	38°	28°	40°	208	253	96	99	E	2	E	2	10	10	280	
4	29°68	33	36°	40°	35°	42°	263	251	99	99	E	2	E	2	10	10	300	Dull day.
5	36	54	41°	40°	40°	44°	263	251	99	99	E	2	N	2	10	10	270	
6	41	51	36°	35°	35°	41°	216	202	100	99	E	2	N	2	10	10	010	
7	44	51	34°	34°	33°	41°	199	191	98	94	NE	2	N	3	8	4	—	Fine all day.
8	46	55	35°	36°	30°	44°	175	198	83	91	W	2	W	2	0	5	—	Fine all day.
9	49	56	40°	37°	36°	43°	248	206	98	91	W	2	SE	2	10	10	150	Dull all day.
10	29°85	29°94	40°	37°	36°	43°	248	206	98	91	W	2	SE	2	10	10	—	Fine all day.
11	30°15	30°27	33°	32°	32°	42°	184	146	94	79	N	3	N	2	5	3	—	
12	41	51	35°	31°	31°	40°	187	174	89	98	N	2	N	2	10	4	—	Dull all day.
13	46	54	35°	35°	30°	44°	189	182	91	87	W	2	N	2	10	2	—	Fine day.
14	56	56	38°	39°	32°	49°	215	217	91	89	NW	1	NW	1	0	2	—	Dull day.
15			38°	39°	32°	49°	215	217	91	89	N	2	NW	2	10	10	—	q. a. and before.
16	30°38	30°31	42°	41°	32°	48°	252	210	92	82	SW	3	SW	3	5	0	010	Dull day.
17	29°96	29°66	44°	42°	38°	48°	210	273	78	99	SW	7	W	4	5	7	020	Fine and bright.
18	29°51	29°44	40°	38°	34°	46°	187	182	88	88	W	5	N	4	4	3	030	011 a. Fine day.
19	30°11	30°05	40°	38°	34°	46°	187	182	88	88	W	5	N	4	4	3	030	Fine all day.
20	30°11	30°05	40°	38°	34°	46°	187	182	88	88	W	5	N	4	4	3	030	Fine all day.
21	30°11	30°05	40°	38°	34°	46°	187	182	88	88	W	5	N	4	4	3	030	Fine all day.
22	30°11	30°05	40°	38°	34°	46°	187	182	88	88	W	5	N	4	4	3	030	Fine all day.
23	30°11	30°05	40°	38°	34°	46°	187	182	88	88	W	5	N	4	4	3	030	Fine all day.
24	30°11	30°05	40°	38°	34°	46°	187	182	88	88	W	5	N	4	4	3	030	Fine all day.
25	30°11	30°05	40°	38°	34°	46°	187	182	88	88	W	5	N	4	4	3	030	Fine all day.
26	30°11	30°05	40°	38°	34°	46°	187	182	88	88	W	5	N	4	4	3	030	Fine all day.
27	30°11	30°05	40°	38°	34°	46°	187	182	88	88	W	5	N	4	4	3	030	Fine all day.
28	30°11	30°05	40°	38°	34°	46°	187	182	88	88	W	5	N	4	4	3	030	Fine all day.
29	30°11	30°05	40°	38°	34°	46°	187	182	88	88	W	5	N	4	4	3	030	Fine all day.
30	30°11	30°05	40°	38°	34°	46°	187	182	88	88	W	5	N	4	4	3	030	Fine all day.
31	30°11	30°05	40°	38°	34°	46°	187	182	88	88	W	5	N	4	4	3	030	Fine all day.
Means	30°075	30°071	39°3	38°3	33°4	46°2	210	210	86°9	90°2	2°7		2°5	6°5	6°5	1°430		

BUXTON.

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

MARCH 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.					
1	ins.	ins.	33.1	32.7	22.6	40.1	ins.	ins.	151	153	80	83	Calm	0	—	6	0	ins.	Fine day.
2	30.10	29.94	32.7	32.1	29.2	37.4	162	184	87	90	Calm	0	—	3	7	8	120	120	Fine all day.
3	29.66	32	32.7	32.8	31.7	39.1	175	234	94	99	ESE	7	—	1	8	10	570	570	* ga. and before. ● p.
4	35	35	40.7	39.1	37.9	48.4	254	232	100	97	Calm	0	Calm	0	8	8	132	132	* p.
5	48	46	40.4	33.7	33.0	41.0	228	174	91	90	Calm	0	Calm	0	9	9	055	055	* p. [▲]
6	41	29.81	32.8	32.8	30.0	37.5	167	166	90	89	Calm	0	—	2	8	1	010	010	* before ga. * (sleet) ga. and p.
7	99	30.00	37.1	33.1	27.4	44.4	161	161	73	86	Calm	0	—	1	1	1	1	1	Fine all day.
8	29.88	29.94	36.2	35.1	30.5	39.7	197	200	93	98	Calm	0	Calm	0	6	10	150	150	
9	30.13	30.30	31.6	28.8	27.6	37.3	158	158	90	100	NE	1	—	1	8	2	—	—	Fine day.
10	40	35	33.3	33.3	26.0	35.7	163	184	86	97	NNE	1	Calm	0	6	4	—	—	Fine all day.
11	56	55	36.6	34.1	27.8	45.4	188	194	87	99	Calm	0	Calm	0	5	2	—	—	Fine all day.
12	54	59	42.1	35.1	28.6	48.2	202	203	76	99	Calm	0	Calm	0	2	4	—	—	Fine all day.
13	58	63	38.9	38.6	28.6	48.3	225	230	95	98	Calm	0	—	1	8	5	—	—	
14	62	62	43.6	35.0	32.0	49.3	270	204	95	100	Calm	0	Calm	0	1	2	—	—	Fine all day.
15	51	45	37.1	32.1	23.9	50.1	197	162	89	90	Calm	0	Calm	0	4	1	—	—	Fine day.
16	43	30.36	38.0	37.8	30.6	46.1	207	188	90	83	W	1	—	2	7	3	010	010	Fine day.
17	30.02	29.68	38.8	39.1	33.6	50.5	197	204	84	86	SW	1	—	3	4	4	630	630	* ● p.
18	29.58	29	34.5	34.5	27.5	41.2	130	157	80	78	W	2	—	1	7	6	015	015	Fine all day.
19	30.11	29	34.5	35.5	25.1	39.2	150	174	75	84	Calm	0	—	1	4	8	145	145	
20	29.74	73	44.9	37.9	35.4	46.9	206	179	99	78	NW	3	—	4	10	3	065	065	
21	84	29.88	35.0	31.1	30.6	41.2	174	167	85	96	WNW	3	—	1	6	7	015	015	* before ga.
22	29.97	30.25	36.6	30.5	30.0	44.2	140	127	64	75	Calm	0	—	1	4	1	—	—	Fine all day.
23	30.36	33	36.1	31.5	24.4	44.3	142	139	67	78	Calm	0	Calm	0	4	4	—	—	Fine all day.
24	23	22	34.0	34.4	27.3	41.3	168	195	85	98	Calm	0	—	3	7	8	050	050	▲
25	25	30.16	36.9	39.1	32.0	41.3	199	226	91	95	SSE	3	—	2	7	8	010	010	
26	30.02	29.61	39.6	43.3	35.1	43.3	217	244	89	87	SW	1	—	3	7	8	220	220	
27	29.84	30.23	39.1	34.5	33.9	45.1	196	174	82	87	W	3	—	3	8	2	010	010	Fine all day.
28	30.34	30.18	41.2	40.8	30.2	50.2	179	189	69	75	NNW	1	—	1	2	8	080	080	
29	29.94	29.94	37.8	40.3	36.0	42.6	211	239	93	96	S	1	—	1	8	10	160	160	● all day.
30	30.30	30.39	37.1	36.8	35.6	41.2	211	203	95	93	NE	1	Calm	0	10	9	005	005	
31	30.34	30.04	38.8	42.7	35.2	48.9	212	224	90	82	Calm	0	—	2	8	6	610	610	
Means	30.087	30.087	37.0	35.7	30.3	43.5	191	189	85.9	89.9	0.9	1.2	6.1	5.2	3.062				

HILLINGTON, NORFOLK.

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

MARCH 1885.

1	30.19	30.19	35.3	29.9	28.0	45.9	206	160	100	97	NE	0.5	NE	0.5	10	3	*003	— ² a. — p.
2	30.12	29.97	37.1	33.6	25.4	41.4	207	174	94	90	SE	1	SE	1	10	6	—	— ² a.
3	29.76	39	37.1	41.7	31.7	47.1	208	264	95	100	SE	4	S	5	10	10	*310	—
4	37	51	43.7	42.3	41.5	54.3	283	261	99	97	SW	1	SW	1	10	10	*008	—
5	52	38	40.5	37.5	36.9	50.3	250	213	99	95	SW	1	NE	3	10	10	*130	● ² p.
6	24	74	39.3	36.0	35.0	42.2	222	188	93	89	NE	3	NE	2	10	3	*108	● ² * 1p.
7	95	97	37.7	33.8	28.9	45.6	206	192	91	99	WNW	0.5	SW	1	4	2	—	— ² a. Very fine and sunny.
8	29.88	29.88	36.2	38.8	28.0	47.3	184	234	87	99	WNW	2	N	0.5	3	10	*060	— ² a. Fine and sunny.
9	30.04	30.20	38.9	35.8	33.1	43.5	211	184	90	89	NE	3	NE	1	5	10	*018	Fine day.
10	34	48	39.0	37.0	33.2	42.4	225	199	95	90	NE	2	NE	1	10	10	*002	▲ ⁰ 11.10a. * 6.40p.
11	53	50	41.5	30.0	29.2	48.0	225	164	87	98	NE	1	NE	1	2	0	*004	— ² a. and p. Very fine and sunny.
12	50	53	42.4	37.8	27.1	49.4	247	225	91	99	NE	2	NE	1	0	10	—	— ² a. Very fine and sunny, but with cold wind. — p.
13	55	59	41.5	40.0	36.1	43.4	244	240	94	98	ENE	2	NE	3	10	10	—	Overcast all day. — p.
14	60	59	44.1	35.9	34.9	51.5	259	207	99	98	NE	1	ENE	0.5	5	0	*002	— ² (very heavy) p.
15	51	44	33.8	33.4	25.1	52.8	189	188	98	99	SE	1	SE	0.5	5	0	*002	— ² a. (mist).
16	41	30.34	42.1	38.2	29.5	50.4	238	216	89	94	W	3	NW	1	5	0	—	—
17	30.07	29.74	41.8	43.5	32.9	56.0	243	269	92	95	WSW	6	SW	6	8	10	—	p.
18	29.55	77	40.8	37.0	36.2	46.8	236	212	93	96	SW	4	N	3	10	5	047	—
19	30.05	94	36.1	32.8	32.1	44.1	202	170	95	91	N	4	SW	3	7	0	*004	—
20	29.69	70	47.0	42.2	32.3	55.1	257	257	98	96	SW	6	NW	7	10	1	—	p.
21	78	29.86	42.2	32.1	32.1	45.7	242	176	90	98	NW	6	N	0.5	5	1	—	* ⁰ (sleet) 5p. — 9p.
22	29.93	30.18	41.3	31.7	25.0	48.4	224	179	87	100	N	1	NNE	0.5	5	2	*003	— ² a. and p. Very fine and sunny.
23	30.30	32	37.3	34.4	30.0	47.6	195	190	88	96	NNE	4	ENE	0.5	10	10	*020	* ⁰ (sleet) ▲ showers a. and p.
24	38	25	40.5	35.0	27.0	45.0	215	178	86	87	SW	2	S	1	4	10	—	— before ga. Fine and sunny.
25	28	30.23	41.7	36.5	27.9	48.6	225	200	86	93	SE	2	S	1	0	5	—	— before ga. Fine and sunny.
26	30.10	29.74	42.2	40.8	32.9	51.2	258	253	96	99	SW	1	SW	3	10	10	*175	— ² 7p.—10.30p.
27	29.79	30.14	44.9	39.9	39.7	49.2	274	227	92	93	NW	5	NW	2	8	7	*030	—
28	30.33	25	42.8	37.0	31.2	51.1	251	214	92	97	N	1	SE	2	0	0	*002	— early a.
29	05	04	42.7	41.9	32.0	51.9	250	219	91	84	S	5	SE	1	10	6	—	—
30	18	34	51.9	33.0	33.0	56.5	329	182	85	97	NE	1	NE	0.5	6	1	*003	Milder day. — 9p.
31	30.33	30.10	39.9	43.6	31.0	52.9	246	203	100	93	N	1	E	1	10	7	—	— early a. (mist) ga.
Means	30.071	30.073	40.8	36.9	31.6	48.6	226	210	92.3	95.0	2.5	1.8	6.8	5.5	0.930			

UPPINGHAM.

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

MARCH 1885.

Day.	Barometer at 32° and M & L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.			9 a.m.		
1	ins.	ins.	33.5	31.2	30.0	45.7	in.	in.	155	88	NNE	2	Calm	0	0	ins.	☁ a. Overcast p. ☁ 9p.		
2	30.20	30.19	33.5	31.2	30.0	45.7	163	155	88	88	SSE	2	SEbyS	3	10	10	☁ a.		
3	30.12	29.98	30.2	34.6	27.3	41.1	163	169	97	84	SEbyS	4	S by E	1	10	10	*268 Dull, with keen wind a. ☉ from noon, ☁ 10p.		
4	29.70	33	37.0	40.8	32.2	40.8	200	246	91	97	WSW	2	WNW	1	7	6	*016		
5	37	52	43.9	41.2	40.1	51.9	265	233	92	91	swbyW	1	NbyW	4	8	10	*023 Day dull and gradually much colder. ☁ p.		
6	51	42	42.6	35.0	34.9	47.7	256	192	93	94	N	3	N by E	2	10	4	*088 ☁ ² and ☁ ⁰ (sleet) showers till 4p. ☁ ⁰ on horizon 9p.		
7	32	74	34.3	33.9	33.0	35.4	190	165	96	84	NbyW	1	swb.w	1	0	0	☁ ² 7a.		
8	98	99	34.9	34.1	30.2	44.9	183	169	91	85	W by S	2	NNW	1	1	10	*132 ☁ a.		
9	29.89	29.88	35.4	37.5	29.7	47.0	167	214	81	95	NNE	3	NbyW	1	0	0	—		
10	30.06	30.23	34.5	31.9	30.6	40.7	152	140	75	77	N by E	2	Calm	0	10	10	—		
11	36	48	35.9	35.3	30.1	39.7	167	158	85	77	NNE	3	NbyW	1	0	0	—		
12	54	58	38.1	34.2	32.1	46.4	186	160	80	81	N	2	NNE	2	1	0	—		
13	51	53	38.0	38.2	31.8	48.9	192	204	84	80	N	2	NNE	2	0	1	—		
14	55	59	40.1	38.0	35.8	44.2	225	208	91	91	ENE	2	ENE	1	10	10	—		
15	62	59	40.0	38.9	36.8	51.9	209	219	85	93	ENE	1	ENE	1	10	10	—		
16	51	44	41.3	38.3	33.8	51.9	211	185	81	80	WNW	1	WSW	1	2	0	—		
17	44	30.39	41.0	36.9	30.1	48.3	211	179	83	78	WSW	1	swb.w	1	7	2	—		
18	30.09	29.76	41.1	42.6	32.5	53.9	196	221	76	82	W by S	4	SW	5	7	10	*171 ☁ a. ☁ ⁰ (mist) 9a. Bright and fine p.		
19	29.58	29.81	38.3	33.9	33.7	44.7	203	159	88	81	WNW	2	NbyW	3	0	1	0	—	
20	30.10	30.93	33.9	32.5	27.9	42.8	137	150	71	81	NbyW	2	WSW	1	0	1	0	—	
21	72	77	47.8	42.7	32.2	52.2	288	214	87	79	W	5	NW	3	10	6	0	—	
22	83	29.87	38.7	35.9	34.9	45.5	179	178	77	84	WNW	3	WbyN	1	10	10	10	*151 ☁ ⁰ ☁ ⁰ showers 8a.—Noon. Bitter [NW. wind.	
23	29.93	30.17	35.9	33.1	32.2	48.2	194	158	92	83	WbyN	1	NNW	1	4	0	—	☁ a., 2 ins. deep, 7.30a. Overcast p.	
24	30.35	34	35.5	30.2	28.4	43.4	160	147	77	87	NbyE	2	N	1	0	10	—	☁ a.	
25	27	28	34.7	36.0	27.9	41.5	152	197	75	93	S by W	1	SSE	1	10	10	*022 Mackerel sky 9a. [(mist)		
26	30.22	35.8	39.2	32.1	41.5	195	214	93	89	S	2	SW by N	1	10	10	10	—	Gloomy all day, with cold wind. (mist)	
27	30.09	30.71	40.1	43.5	35.1	46.9	225	271	91	96	SSW	4	S by W	4	0	10	0	—	
28	29.85	30.17	42.9	36.7	36.5	49.0	194	168	71	77	WNW	5	swb.N	4	9	0	—	☁ (gale) 11a.—5p. Overcast day.	
29	30.35	40.9	38.7	31.9	52.2	186	165	73	70	N	1	Shy E	1	0	9	—	☁ a. Day bright.		
30	29.02	29.98	41.0	42.6	32.7	49.0	180	200	70	74	S	4	Shy E	2	10	10	0	0	—
31	17	30.34	43.1	41.9	37.3	53.9	227	256	81	83	EbyN	1	N	1	10	10	—	☁ (mist) a. and 9p. Overcast day.	
32	30.34	30.09	40.5	43.0	38.5	51.8	238	228	96	92	Calm	0	swbys	2	10	7	0	0	—
Means	30.084	30.082	38.3	37.2	32.7	46.5	197	191	84.2	85.2	2.2	1.7	6.2	6.0	1.066				

GELDESTON (BECCLES).

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

MARCH 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	39.1	33.1	32.8	44.9	ins.	ins.	90	98	NW 1	NW 1	1	8	ins.	D ² ga. and gp.
2	30.16	30.17	39.1	33.1	32.8	44.9	215	185	90	98	E 1	SSE 1	8	3	0.010	○ 2.30p.
3	30.12	30.02	37.9	36.5	31.7	41.8	203	168	89	78	SE 1	SE 4	10	10	0.420	
4	29.80	29.43	39.1	42.2	32.8	44.1	215	203	90	97	W 2	W 1	10	0	—	
5	36	52	44.2	42.1	41.7	53.6	284	246	98	92	W 1	W 1	8	3	—	D ² (— on grass) a. D gp.
6	53	37	42.9	42.9	34.7	51.6	256	242	93	87	N 1	NNE 1	10	10	0.050	
7	21	68	40.5	37.1	35.9	42.9	237	179	94	81	Calm	SW 1	0	0	—	— on grass ga. and gp.
8	95	99	36.1	34.9	29.7	45.9	194	179	91	89	WSW 1	NE 1	0	10	0.020	— on grass) ga.
9	29.89	29.85	36.2	40.0	29.7	47.5	177	245	83	99	NNE 2	NNE 1	1	1	0.010	△ 2.15p.
10	30.01	30.16	39.0	34.4	33.9	41.4	169	153	72	96	NE 2	NE 1	7	10	0.010	△ 0
11	31	45	40.0	36.1	32.0	41.0	175	192	70	90	NE 1	WNW 1	1	0	—	gp.
12	52	49	40.9	34.0	33.2	46.8	200	178	79	90	N 1	NNE 1	0	0	—	gp.
13	47	49	41.1	39.2	30.1	47.8	234	234	91	97	NE 2	NNE 2	10	10	—	
14	53	57	40.5	41.3	36.9	41.3	222	234	89	91	NNE 1	N 1	9	0	—	D ² gp.
15	60	57	41.9	37.2	37.0	47.7	226	220	86	99	WNW 1	SSW 1	0	0	—	△ 2 a.
16	50	44	38.1	39.1	27.2	52.8	209	200	91	84	W 1	W 1	9	0	—	△ 8.15a.
17	43	30.35	42.0	39.2	30.9	51.7	216	212	82	88	WSW 3	WSW 3	8	2	—	△ 0
18	30.09	29.77	44.1	44.3	33.6	55.8	206	205	71	70	W 2	W 3	9	10	0.060	△ 0
19	29.56	29.72	44.1	39.0	37.1	48.0	225	216	77	91	NE 2	WSW 1	5	1	—	△ early a.
20	30.01	30.00	38.8	35.0	32.8	44.1	183	148	78	72	W 4	WNW 4	7	0	—	△ 6a. * 2.30p.
21	29.68	29.68	46.2	45.1	31.8	56.6	265	196	86	65	ENE 1	W 1	0	0	—	△ 10a. D ² gp.
22	29.85	29.85	42.2	32.3	31.9	46.7	149	152	55	83	Calm	Calm	10	0	—	* 8.55a. * △ 0 during day.
23	29.92	30.15	40.8	32.2	26.0	44.9	171	174	67	95	SE 1	ESE 1	1	10	—	
24	30.27	31	37.8	30.9	30.1	42.9	184	155	81	90	Calm	Calm	10	0	—	
25	29	25	39.4	34.0	27.0	44.8	163	137	68	70	SSW 1	SSW 4	10	10	0.190	○ a.
26	30	30.25	38.7	34.1	28.8	43.0	153	153	65	78	WNW 3	WNW 1	9	8	0.050	
27	30.13	29.80	41.9	41.0	30.7	49.8	195	217	73	85	Calm	Calm	1	0	—	D ² gp.
28	29.78	30.10	46.0	40.9	39.9	48.6	227	198	74	78	S 2	SSE 1	4	10	—	D ² gp. ○ 1.20p. U gp.
29	30.31	28	43.0	33.7	33.4	48.8	232	180	83	92	ESE 1	NNE 1	8	1	—	
30	29	04	43.9	38.1	31.8	47.4	227	187	79	81	N 1	SSW 1	0	0	—	
31	30.31	30.13	45.9	39.1	29.9	52.9	225	215	72	90	Calm	Calm	0	0	—	
Means	30.065	30.070	41.3	37.6	32.5	47.3	208	195	80.1	86.0	1.5	1.4	5.3	4.0	0.830	

CHELTENHAM.

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

MARCH 1885.

1	30.17	30.16	39.7	38.5	28.1	45.2	197	201	80	87	NE	2	Calm	0	1	5	—	Fine and bright.
2	30.05	29.91	36.8	38.3	34.0	42.5	196	202	90	87	SE	5	SE	6	9	10	0.070	● all day.
3	29.59	27	41.8	46.6	37.0	46.6	259	306	98	97	SE	6	SE?	1	10	10	0.230	● a. Fine p.
4	40	55	46.2	36.0	36.0	52.0	271	202	88	96	SW	3	SW	1	3	0	0.050	
5	52	43	43.3	38.0	35.0	51.5	274	208	91	91	SW	2	NW	3	5	10	—	
6	29.37	29.75	35.5	35.7	34.5	38.8	179	188	80	90	NE	4	NE	2	10	5	0.020	Dull a. ● * all the afternoon.
7	30.01	30.03	35.4	31.5	30.0	46.0	185	153	90	87	Calm	0	N	1	2	0	—	Brilliant day. Very calm.
8	29.90	29.88	36.6	40.0	24.0	46.6	189	247	88	100	Calm	0	Calm	0	2	10	0.040	— Fine and bright.
9	30.06	30.24	36.6	34.4	34.3	41.0	174	171	81	85	NE	6	NE	2	0	6	—	Fine day.
10	39	47	35.5	37.5	27.0	40.4	160	195	77	87	N	2	NE	1	6	10	—	Dull and cold.
11	54	54	38.3	29.4	29.4	42.7	181	143	78	89	NE	2	Calm	0	8	0	—	
12	52	54	37.2	41.0	24.8	49.8	184	218	84	85	NW	1	NW	1	1	0	—	Ice on pond. Beautiful day.
13	54	59	41.2	42.0	36.0	50.1	235	226	92	86	NE	2	NE	2	7	5	—	Very fine and bright.
14	61	59	41.4	31.6	31.6	50.2	218	169	84	95	NE	2	NE	1	6	0	—	Very fine and bright.
15	51	43	43.2	32.6	26.4	51.9	193	168	69	91	Calm	0	S	1	6	0	—	☁ (mist) 9a. Day brilliant and
16	49	30.40	41.1	32.0	26.6	49.0	215	167	83	92	Calm	0	Calm	0	5	5	—	Brilliant and lovely day. [lovely.]
17	30.14	29.83	43.0	43.8	26.3	51.0	237	259	85	91	W	3	SW	5	5	10	0.040	Very fine.
18	29.61	29.86	39.6	35.8	35.8	47.4	223	198	92	95	NW	2	N	2	6	0	—	* p.
19	30.14	30.07	35.8	38.3	28.4	45.0	162	189	77	82	N	4	N	2	0	0	—	Fine day.
20	29.82	29.84	49.8	47.0	37.0	56.6	307	258	85	80	W	1	W	5	8	0	—	Very fine day. First bat seen.
21	90	29.85	42.9	40.6	40.6	47.3	226	242	82	96	W	3	Calm	0	8	10	350	Fine but cold.
22	29.92	30.21	35.0	33.6	33.0	45.7	195	162	96	84	NE	5	NE	1	9	1	—	* early a., ground covered. Day
23	30.37	31	36.6	36.8	28.0	43.5	182	179	84	82	N	1	NW	2	1	9	—	Fine but cold. [fine and bright]
24	25	24	37.8	39.5	34.3	45.0	186	220	82	94	S	2	Calm	0	9	10	0.070	Very dull all day.
25	29	30.22	38.0	41.7	35.8	43.0	208	231	91	88	S	2	S	2	10	10	—	Fine till 4.30p., then ● showers.
26	30.09	29.73	44.2	46.8	40.5	49.7	254	306	88	96	S	6	S	5	10	6	0.040	Fine and bright.
27	29.94	30.27	45.0	36.5	36.0	49.0	210	183	70	85	W	6	Calm	0	5	0	—	
28	30.38	30.22	40.6	42.2	24.4	51.0	208	226	83	85	Calm	0	NW	1	0	0	—	Very fine and bright.
29	29.97	29.95	43.2	43.9	38.0	48.0	249	250	89	91	S	6	S	3	10	10	0.050	Dull, with ● showers.
30	30.16	30.35	45.6	42.5	41.3	50.3	264	250	87	92	Calm	0	NE	1	5	10	—	Dull day.
31	30.33	30.13	43.2	47.2	40.5	55.1	226	245	81	76	NW	1	NW	2	8	6	0.040	Very fine and bright.
Means	30.095	30.092	40.4	38.8	32.7	47.5	214	212	84.9	89.1	2.5		1.7	5.6	5.1	1.000		

CARMARTHEN.

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

MARCH 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	35.7	37.6	30.0	48.2	ins.	ins.	90	87	E 2	E 1	6	8	ins.	Fine day.	
2	30.14	30.09	35.7	37.6	30.0	48.2	182	175	87	77	E 3	SE 5	10	8	0.130	Dull day.	
3	29.96	29.81	40.0	40.9	37.1	42.8	207	236	84	93	E 3	S 2	10	10	0.380	Squally n. and a. ●	
4	38	24	44.0	45.2	40.0	49.5	276	297	96	99	SE 7	S 2	6	10	0.130	Fine day.	
5	40	52	47.9	46.3	43.2	53.9	306	307	93	98	N 2	N 2	6	0	—	Fine day.	
6	55	42	44.3	36.5	36.2	46.7	240	197	82	92	N 4	SE 2	0	8	—	Fine day.	
7	29.42	29.79	38.5	37.0	33.5	43.1	162	181	70	82	N 4	SE 2	0	0	—	Fine day.	
8	30.02	30.00	40.4	34.8	31.3	48.8	179	184	71	91	NE 1	NE 1	0	0	—	Fine day.	
9	29.95	29.90	39.5	40.0	25.7	45.7	174	211	81	86	S 1	SE 2	2	4	0.030		
10	30.05	30.26	39.4	34.5	33.7	45.7	158	154	66	77	E 4	E 4	0	0	—	Fine day.	
11	40	39	39.4	37.5	35.7	44.1	154	172	65	76	N 1	NE 1	1	6	—		
12	53	53	41.4	35.6	35.2	47.6	176	179	67	86	E 2	Calm	0	0	—	Fine day.	
13	55	53	33.4	41.0	20.2	53.0	168	214	81	83	NE 1	Calm	0	5	—	Fine day.	
14	60	57	44.3	34.8	34.4	52.9	218	202	75	100	NE 2	NE 1	10	0	—	Fine all day.	
15	51	47	39.0	37.9	28.5	52.4	218	200	92	92	E 3	Calm	0	0	—	before 9a. Fine day.	
16	50	30.43	43.8	34.6	34.2	50.4	230	172	80	86	W 1	Calm	0	9	—	Fine day.	
17	30.13	29.82	45.0	38.8	28.5	49.6	233	230	78	98	SW 4	W 2	8	1	0.170	● p.	
18	29.66	29.95	37.5	38.5	35.9	44.3	204	190	92	82	N 2	NW 4	6	0	0.060	before 9a. Squally. ✱ ● (sleet).	
19	30.18	30.08	41.4	38.0	31.4	47.4	170	199	65	87	E 1	Calm	0	7	0.030	Fine day.	
20	29.88	29.93	51.0	44.0	37.3	58.3	319	225	85	78	W 4	NW 1	5	0	—	Fine day.	
21	98	29.77	45.4	44.8	40.3	48.5	223	205	74	99	N 3	NE 2	7	10	0.170		
22	29.96	30.31	42.0	38.3	37.4	47.2	176	191	67	83	N 5	N 3	0	0	—	before 9a. Fine day.	
23	30.38	31	44.0	35.8	27.7	50.4	199	193	69	93	Calm	0	Calm	0	8	—	Fine day. U sp.
24	23	21	39.0	39.0	30.5	47.2	225	231	95	98	Calm	0	SW 1	10	10	0.250	
25	25	30.20	41.2	42.0	38.8	46.4	250	235	97	98	Calm	0	SW 1	10	10	0.010	
26	03	29.79	45.0	44.7	41.0	48.5	280	242	94	82	S 2	W 4	10	2	0.340	all day.	
27	05	30.33	45.4	40.0	39.7	49.6	215	222	71	90	NW 4	N 2	6	2	—	Fine day.	
28	30.38	30.11	46.2	43.0	33.5	53.0	243	212	79	77	Calm	0	SW 4	0	10	0.300	Fine day.
29	29.87	29.93	43.8	42.0	40.8	45.7	276	225	97	85	S 3	N 6	10	10	0.580	all day.	
30	30.17	30.35	43.6	41.9	39.3	46.8	228	236	80	90	N 1	N 1	10	3	—	Dull a.	
31	30.34	30.14	45.9	41.4	38.1	54.3	260	241	86	93	Calm	0	SW 1	0	0	0.460	9a. and 9p. Fine day.
Means	30.097	30.085	42.2	39.6	34.7	48.8	218	216	80.6	88.2	2.1	1.8	5.2	4.5	2.990		

MARGATE.

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

MARCH 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	41.7	40.9	37.8	45.1	ins.	ins.	80	70	NNE 3	NNE 2	7	8	ins.	—
2	30.16	30.17	41.7	40.9	37.8	45.1	224	193	84	78	E 1	SE 1	4	4	—	1 p.
3	29.78	29.38	40.0	43.9	36.0	45.1	205	287	83	100	SE 2	SE 2	9	10	480	2 at night.
4	44	58	45.3	43.7	42.1	54.0	284	285	94	100	SW 4	SW 3	2	5	0.30	Very fine day. 1 p.
5	58	40	43.7	40.6	38.5	51.1	262	251	92	99	SSW 2	S 1	0	0	—	1 p. Very fine a. Dull p.
6	21	29.67	39.5	39.6	38.4	43.8	219	215	92	89	N 2	NE 4	10	10	—	Dull day. 1 at night.
7	97	30.07	39.9	35.0	34.2	43.9	199	186	81	91	NNE 1	Calm 0	1	0	0.10	Fine and bright, but cool.
8	92	29.86	36.9	38.9	30.1	43.0	192	194	88	83	Calm 0	Calm 0	1	10	—	Fine and bright.
9	29.98	30.15	39.3	38.2	37.0	41.8	213	154	89	66	E 4	NE 4	10	10	0.10	1 before 9a. 3 p.
10	30.30	30.30	39.8	39.1	36.0	41.6	173	162	70	68	NE 3	NE 3	10	10	0.20	1 a. 11a. 3 p. 0 (sleet).
11	50	50	40.2	40.1	38.1	42.7	174	209	70	85	E 2	NE 2	10	0	—	Fine, but cool.
12	47	42.1	42.1	38.9	45.5	219	246	83	92	NNE 2	E 4	1	10	—	Fine, but cool. 1 p.	
13	49	54	42.4	41.7	39.2	44.5	202	242	75	92	NE 3	E 4	0	10	—	Sunny, but cold.
14	58	57	41.3	38.4	38.4	43.4	225	225	88	97	NNE 3	NE 2	10	5	—	Fine day. 1 p.
15	52	48	42.1	39.1	37.1	46.6	218	232	82	97	N 1	Calm 0	1	0	—	Very fine. 1 p.
16	49	30.40	42.5	42.9	32.8	49.8	214	246	80	90	SSW 1	Calm 0	0	10	—	1 a. Very fine day.
17	30.18	29.86	43.2	39.9	35.8	52.0	238	218	85	80	SSW 3	SW 4	1	0	0.20	Very fine.
18	29.62	29.74	43.6	40.1	38.1	47.5	230	202	81	51	SW 2	W 3	2	0	—	Fine day.
19	30.05	30.07	39.4	34.8	34.0	43.7	177	152	74	74	N 2	N 2	3	0	—	1 before 9a. Fine day.
20	29.81	29.77	42.6	47.8	32.7	58.2	242	239	89	72	SW 4	SW 1	10	7	—	Milder.
21	86	29.89	41.6	39.0	38.6	48.8	188	179	73	76	NW 3	NW 1	10	2	0.170	1 before 9a.
22	29.88	30.14	35.8	39.4	33.7	41.6	192	193	92	80	ESE 1	NE 3	10	1	—	1 before 8a.
23	30.28	31	41.1	37.7	36.5	41.6	175	174	68	76	N 2	NE 3	9	8	—	Dull day. 1 p.
24	31	27	38.5	35.0	32.4	41.3	151	146	65	71	SE 1	Calm 0	0	10	—	Fine day. 1 p.
25	31	30.26	40.9	35.3	31.6	41.5	160	156	63	76	SE 1	Calm 0	3	10	—	Fine and warm. 1 p.
26	30.18	29.90	41.2	40.2	29.6	48.8	199	222	77	89	NNE 1	SSW 3	2	10	0.290	Fine day. 1 from 9p.
27	29.87	30.15	45.1	40.6	40.1	48.2	257	222	85	88	W 1	N 3	7	10	0.80	—
28	30.34	31	41.0	35.1	34.8	47.7	210	186	83	91	NNW 2	Calm 0	0	0	—	Fine all day.
29	13	08	41.9	40.7	34.0	48.4	205	209	78	83	S 2	SE 1	2	10	—	Very fine day. 1 p.
30	17	31	40.5	41.0	38.1	48.8	228	248	73	94	SE 1	Calm 0	3	8	—	Very fine day.
31	30.30	30.17	42.7	38.9	38.0	46.9	231	217	84	92	N 2	Calm 0	10	0	—	Very fine day. 1 p.
Means	30.090	30.095	41.3	39.6	36.1	46.1	210	209	80.9	85.0	2.0	1.8	4.8	5.7	1.110	—

SOUTHAMPTON.

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

MARCH 1885.

1	30°10	30°15	42°9	36°8	36°3	48°0	*216	*184	79	85	ENE 2	ENE 2	0	2	—	Beautiful day throughout.
2	30°07	29°04	40°9	40°9	33°4	43°8	*202	*224	80	88	SE 3	SE 3	10	10	0°80	● nearly all day. ● ² 7p.—10p.
3	29°65	35	44°1	46°9	40°7	48°3	*280	*307	97	96	SE 3½	SSW 2½	10	10	0°890	Very fine a. ☐ at night.
4	48	58	47°0	46°0	40°5	54°9	*303	*297	94	96	W 1½	SW 1½	1	1	0°18	☐ before 9a. Day fine and pleasant.
5	59	41	46°4	44°9	39°1	54°6	*308	*259	98	88	SW 1½	NW 2	10	10	—	Fine and dry, with cold wind.
6	29°28	29°69	38°7	36°9	36°2	45°6	*189	*201	81	92	NNE 4	NE 5	10	10	0°17	☐ Beautiful day throughout. ☐ ⁰ p.
7	30°00	30°05	40°8	37°7	33°2	48°7	*198	*195	78	86	NE 2	NE 0½	0	0	—	☐ early a. Beautiful morning. ☐ ¹ p.—2.40p.
8	29°92	29°87	39°3	39°5	29°4	44°4	*187	*216	79	90	NNE 0½	Calm 0	10	10	0°18	☐ Fine and dry, with very cold wind.
9	29°98	30°18	40°6	37°1	34°3	45°3	*201	*154	80	70	NE 4½	NE 4	3	10	—	☐ Fine and dry, with cold wind.
10	30°33	45	37°7	36°8	28°7	44°6	*162	*172	72	79	NE 2	NE 2	0	10	—	☐ Dull, with cold wind. [on grass n.
11	50	52	39°2	35°7	31°3	43°2	*179	*184	75	87	NE 3	NE 0½	10	0	—	☐ a. Beautiful day throughout. ☐
12	49	48	39°9	41°2	29°6	50°7	*192	*231	78	90	NE 2	NE 2	0	0	—	☐ Beautiful day, with cold wind. [9p.
13	48	53	41°6	41°1	38°7	50°4	*222	*228	85	89	NE 3	NE 4	10	10	—	☐ Beautiful afternoon and evening. ☐ ⁰
14	59	57	40°5	37°0	37°0	46°7	*208	*202	82	92	NE 3	Calm 0	10	0	—	☐ a. Delightful day ☐ ⁰ op.
15	54	47	40°2	37°7	29°3	52°2	*211	*199	85	88	NE 0½	NE 0½	5	0	—	☐ a. Beautiful day throughout.
16	50	30°43	42°0	43°3	29°6	53°9	*225	*252	85	90	NNW 0½	SW 1½	3	0	—	☐ early a. Beautiful day ☐ n.
17	30°22	29°91	43°2	41°0	32°3	54°6	*228	*235	82	92	WSW 1	W 2	1	2	—	☐ early a. Beautiful day throughout.
18	29°66	29°81	44°1	37°9	37°4	50°3	*229	*193	78	85	W 2	N 4	10	0	0°10	☐ early a. Beautiful day ☐ n.
19	30°11	30°12	40°6	37°0	32°3	47°6	*176	*182	70	83	NE 2½	NW 1	0	0	0°04	☐ Fine and pleasant, with cold wind.
20	29°90	29°85	44°7	47°0	34°0	59°3	*259	*257	88	80	SW 2½	NW 2	10	1	—	☐ Fine and pleasant, with cold wind. ☐ ² n. ☐ ⁰ ☐ ⁰ (sleet) 4a. Day [very fine and mild. ☐ n.
21	94	29°91	46°9	43°9	40°8	53°1	*212	*227	67	79	NW 2½	SW 2	1	10	0°809	☐ early a. Beautiful day throughout.
22	29°71	30°15	33°2	38°7	32°4	45°1	*184	*188	97	81	NNE 7	NE 3	10	10	0°137	☐ Fine and pleasant, with cold wind. ☐ ² n. ☐ ² 7.45a.—11.30a. Fine [with cold wind p.
23	30°36	35	40°1	34°4	30°2	46°7	*206	*171	83	85	NE 1½	NE 0½	1	9	—	☐ a. Day fine and pleasant.
24	30	27	37°1	38°9	33°3	42°4	*185	*196	84	84	NE 1	S 1½	10	10	0°08	Day dull.
25	30	30°26	38°2	39°7	35°4	47°4	*171	*196	74	80	SE 1	SW 1½	10	10	—	Day fine and very pleasant.
26	30°18	29°84	44°8	44°9	38°2	45°7	*220	*295	74	99	SW 3	SW 4½	10	10	0°120	—
27	29°95	30°27	48°0	39°9	39°8	54°2	*237	*175	71	71	NW 4½	NNW 2	2	0	0°005	Day beautifully fine and pleasant.
28	30°39	30°28	46°1	40°1	31°6	53°8	*222	*208	71	84	N 2	SW 1½	0	1	—	☐ early a. Delightful day throughout.
29	07	29°99	46°0	45°0	36°7	50°6	*220	*247	71	83	S 3½	SSE 2	9	10	—	[out.
30	14	30°31	49°0	41°0	40°3	54°5	*272	*213	78	83	SSE 1	SE 0½	10	0	—	Day fine and pleasant. ☐ on grass n.
31	30°33	30°16	47°5	44°6	32°1	59°0	*207	*232	64	79	NE 2	SW 0½	0	0	—	☐ early a. Beautiful day throughout.
Means	30°101	30°101	42°3	40°4	34°6	49°7	*216	*217	80°0	85°6	2°4	1°9	5°7	5°0	2°116	[out.

ST. LEONARDS.

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

MARCH 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	41.5	38.5	35.7	47.6	ins.	ins.	88	92	NE 3	E 3	0	5	ins.	Overcast all day with almost constant [1 p.
2	30.15	30.16	41.5	40.2	36.3	43.7	228	208	83	83	ESE 3	ESE 4	5	8	—	
3	30.11	30.00	41.7	40.2	36.3	43.7	192	205	74	83	ESE 3	ESE 4	5	8	—	
4	29.76	29.33	42.3	44.7	40.0	46.4	226	291	84	98	SE 4	SE 3	10	10	0.643	
5	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
6	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
7	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
8	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
9	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
10	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
11	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
12	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
13	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
14	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
15	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
16	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
17	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
18	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
19	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
20	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
21	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
22	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
23	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
24	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
25	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
26	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
27	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
28	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
29	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
30	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
31	47	58	47.0	45.5	43.9	51.0	298	298	93	98	W 3	W 2	3	1	0.038	
Means	30.087	30.085	42.4	40.6	36.5	47.8	219	217	80.9	85.4	3.0	2.5	4.5	5.1	1.730	obs. taken rather late.

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

BABBACOMBE.

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

MARCH 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 a.m.	
1	ins.	ins.	42°	42°	38°	43°	in.	in.	78	74	E 3	ESE 4	10	10	(mist) a. Pink mist round sun.
2	30°13	30°10	42°	42°	38°	43°	253	279	91	97	SE 3	SE 4	10	10	(mist) a. Dull day.
3	29°99	29°86	43°	44°	42°	44°	253	279	91	97	SSE 5	W 3	10	3	(mist) a. D. p.
4	30°	35	45°	45°	43°	50°	296	280	98	92	WSW 3	WSW 2	5	2	Pink mist round sun. D. p.
5	47	38	46°	42°	41°	54°	279	250	88	93	WSW 3	NE 3	4	6	(mist) a. Pink mist round sun.
6	59	40	46°	41°	41°	50°	288	216	93	83	WSW 3	NE 3	10	10	Squally op. [O 9 a.m. - 0.15 p.
7	29°71	29°71	37°	37°	30°	41°	179	181	80	82	NNE 5	NNE 4	9	0	
8	29°02	29°02	37°	40°	35°	45°	181	186	82	73	NE 3	E 3	8	2	(mist) a. Wind E. sp. p.
9	29°01	29°87	38°	38°	35°	44°	188	194	82	85	NNE 2	N 3	8	2	Squally a. and p. [Squally p.
10	29°05	30°18	39°	38°	37°	42°	192	151	81	66	ENE 7	ENE 7	10	3	Squally (gale) till 2 a. (mist) a.
11	30°33	40	38°	39°	33°	42°	158	176	69	72	E 5	ENE 5	10	2	Squally a. and p. [Squally p.
12	47	47	37°	39°	36°	42°	174	222	68	70	NE 4	NE 5	10	1	(mist) a. and p. Very fine day.
13	47	45	40°	44°	35°	48°	174	222	68	70	NE 4	NE 5	10	1	Squally before 9 a. (mist).
14	46	48	40°	42°	35°	47°	199	222	80	81	ENE 5	NE 5	10	1	Squally before 9 a. (mist) p. D. p.
15	57	56	39°	39°	39°	43°	223	211	83	87	ENE 4	NNE 1	10	1	(mist) a. and p. White NW. (N. op. - Midt. D. p.
16	51	47	40°	37°	36°	47°	217	201	87	91	NNE 1	ESE 1	10	0	(mist) a. and p. [in past n. p. during
17	30°24	29°94	44°	42°	31°	52°	198	225	68	82	WSW 2	WSW 4	1	10	Squally a. and p. [in past n. p. during
18	29°67	29°83	45°	38°	37°	46°	200	185	67	79	WSW 3	NNE 5	5	7	Squally before 9 a. Very fine day.
19	30°15	30°16	40°	35°	35°	47°	158	173	64	82	NNE 3	W 2	1	1	(mist) p.
20	29°95	29°93	48°	46°	34°	58°	287	265	86	86	W 4	NW 2	9	1	
21	30°01	29°93	47°	42°	41°	52°	203	252	63	91	NNW 3	WSW 3	2	10	Squally (gale) mid-day.
22	29°88	30°17	39°	40°	39°	45°	179	172	75	69	NE 6	NE 3	8	3	(mist) a. and p. Very fine day.
23	30°37	33	41°	36°	34°	45°	194	194	76	76	SSW 1	WSW 2	10	10	Dull day, with (mist).
24	26	24	41°	41°	34°	45°	194	194	76	76	SSW 1	WSW 2	10	10	(mist) a. and p. U p.
25	28	30°26	41°	41°	38°	44°	215	234	83	89	E 1	SW 3	10	10	
26	13	29°87	47°	45°	40°	50°	274	249	83	84	SW 3	NNW 3	9	3	Squally a. [Sky greenish in ESE. p.
27	07	30°32	45°	40°	40°	50°	195	193	64	76	NW 5	NNW 2	3	2	O 4.30 p. U 8.30 p. (mist) p.
28	30°40	30°26	48°	41°	34°	51°	232	214	69	82	E 1	SSW 2	0	9	
29	29°08	29°93	45°	44°	41°	47°	247	261	83	90	S 5	SSE 4	10	10	(mist) a. and p. [11.45 p.
30	30°13	30°31	45°	46°	40°	51°	269	262	88	85	NE 1	NNE 3	10	10	(mist) a. and p. O 5.15 p. U
31	30°35	30°19	40°	43°	41°	54°	245	208	69	75	NE 1	W 2	2	8	
Means	30°099	30°097	42°8	41°3	37°6	48°0	216	213	78°0	81°8	3°2	3°2	6°4	5°2	0°950

ST. AUBIN'S, JERSEY.

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

MARCH 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 a.m.	
1	30°12	30°10	44°	44°	43°	47°	283	252	98	87	E 3	E 3	10	9	(mist) early a. Day overcast. U p.
2	30°06	29°95	43°	45°	41°	45°	251	267	90	89	SE 2	SE 2	10	9	Gloomy a. Fine p.
3	29°66	29°66	45°	48°	43°	49°	279	332	92	99	SE 3	SW 2	10	9	
4	57	66	50°	47°	44°	55°	332	311	92	97	SW 2	SW 2	2	10	a. Very fine a. p.
5	67	37	48°	47°	44°	52°	314	299	93	91	SW 1	NW 1	9	10	a. Fine day. [p.
6	28	29°69	41°	38°	37°	47°	201	201	84	85	N 3	Calm	0	10	Bar. 29°18 6.30 a. Gloomy till 4 p.
7	92	30°00	45°	44°	37°	47°	253	261	92	93	NE 1	NE 2	9	10	a. Brightest day since Sept. 20th.
8	86	29°83	43°	43°	40°	49°	255	261	92	93	NE 1	NE 2	9	10	Gloomy day.
9	29°82	30°09	43°	40°	39°	46°	194	189	65	76	NE 5	ENE 3	9	9	Squally, cold.
10	30°26	33	41°	40°	36°	45°	174	156	68	63	ENE 3	NE 6	8	10	Cold searching. Squally. [p.
11	39	40	40°	40°	35°	42°	152	181	61	73	NE 4	NE 5	0	2	Fine and bright. Cold searching squally
12	40	38	45°	43°	38°	47°	199	229	66	80	ENE 3	ENE 6	2	8	Fine and bright. Searching squally [p. Milder.
13	35	36	45°	42°	40°	47°	197	231	66	86	ENE 5	ENE 4	1	0	Fine and bright. Searching squally [p. all day.
14	49	53	43°	41°	39°	46°	212	210	76	80	ENE 4	NE 3	8	0	Squally cold wind. Fine and bright p.
15	51	45	45°	41°	38°	49°	232	225	77	86	NE 2	ENE 2	0	0	a. Extremely fine day.
16	52	48	45°	40°	36°	50°	238	224	69	88	ENE 1	ENE 1	0	0	a. Extremely fine. D. p.
17	30°31	30°06	46°	43°	30°	51°	260	226	83	92	NW 1	NW 2	2	4	(mist) a. Extremely fine. [D. p.
18	29°78	29°74	46°	40°	39°	51°	260	226	83	92	NW 1	N 2	8	10	
19	30°08	30°19	43°	36°	35°	44°	196	153	68	71	NE 3	NE 1	8	0	Squally a. Day very fine. Cold evening.
20	07	29°98	45°	47°	35°	48°	232	215	77	98	W 2	W 2	10	10	Gloomy and overcast.
21	30°05	30°04	50°	45°	40°	53°	226	252	63	83	NW 2	NW 1	5	10	a. Fine day.
22	29°80	06	42°	40°	38°	46°	225	237	85	96	NW 3	NE 3	9	10	Very squally with .
23	30°31	34	44°	40°	38°	46°	188	166	65	65	NE 3	NE 2	2	10	Fine and bright but with cold breeze.
24	32	28	39°	39°	37°	44°	191	181	78	77	Calm	NE 1	10	10	U p.
25	32	31	40°	38°	35°	45°	187	183	67	98	S 2	SW 3	9	10	
26	25	00	43°	44°	36°	46°	187	183	67	98	S 2	SW 3	9	10	Very fine but with cold breeze.
27	08	32	47°	44°	42°	51°	228	201	70	69	NNW 2	NNW 2	7	0	Extremely fine and bright. U p.
28	42	34	48°	46°	37°	48°	222	238	76	77	S 2	S 2	10	10	Overcast.
29	12	01	44°	46°	37°	48°	222	238	76	77	S 2	S 2	10	10	O. Extremely fine.
30	13	30	50°	44°	42°	56°	245	190	68	65	E 1	NE 1	5	0	Extremely fine and bright.
31	30°33	30°23	49°	43°	40°	53°	230	234	65	84	NE 2	N 2	2	4	
Means	30°104	30°105	44°9	42°5	38°9	48°8	226	228	72°2	83°0	2°3	2°2	6°0	6°3	1°770

Earth temperature: Mean of 10 readings taken (every third day) at 1 foot 46°0; 3 feet 44°3; 6 feet 45°7.

LONDONDERRY.

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

MARCH 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	°/°	°/°					ins.
1	30°19	30°03	35°7	38°7	29°3	44°0	°188	°195	89	84	NE 2	NE 2	8	10	°140
2	29°87	29°66	39°2	43°2	37°0	45°0	°224	°264	93	94	S 2	SE 1	10	9	°020
3	40	21	42°7	42°7	41°6	46°0	°246	°255	89	92	E 1	NE 3	10	10	—
4	37	64	42°7	41°6	39°7	45°3	°246	°226	89	86	NE 2	N 3	10	10	Overcast, with ☁ ⁰ (mist).
5	72	60	37°9	36°7	34°8	46°8	°181	°184	79	85	NE 2	NE 1	10	8	Cold wind.
6	29°68	94	40°7	35°8	32°0	45°2	°181	°176	71	84	NE 2	N 1	0	0	Fine all day.
7	30°02	29°95	38°7	42°7	31°7	48°0	°200	°261	86	95	W 2	W 1	7	8	°060
8	29°93	30°07	40°7	37°2	34°3	46°4	°235	°170	92	77	W 1	NNE 1	3	7	°070
9	30°28	40	37°7	36°7	30°0	42°1	°157	°151	69	88	N 2	N 1	3	0	Fine all day.
10	50	50	34°7	40°7	28°7	46°0	°166	°226	82	89	SSW 1	Calm	0	7	Fine all day.
11	61	63	36°7	34°0	32°0	46°0	°193	°178	89	90	SW 1	SW 1	10	0	—
12	65	65	34°7	41°0	31°0	49°0	°166	°233	82	91	SW 2	Calm	0	10	Fine all day.
13	66	64	37°2	36°7	30°1	50°1	°216	°202	97	93	NE 1	NE 1	10	0	—
14	67	57	37°1	42°2	30°1	53°2	°199	°241	90	90	S 1	S 1	8	8	—
15	45	35	41°2	40°9	34°0	54°3	°198	°235	77	92	W 1	W 1	0	1	Fine all day.
16	30°44	30°25	43°8	42°7	37°5	50°0	°245	°222	85	81	NW 2	SW 3	10	2	°040
17	29°82	29°72	45°7	41°0	38°0	48°3	°256	°313	84	83	NW 4	NW 4	7	9	● showers all day. ▲ at times.
18	29°83	30°13	37°4	37°0	33°3	43°1	°194	°197	87	87	NW 4	N 3	10	2	* before ga. ▲ ● showers during [day]
19	30°12	29°93	40°7	47°7	33°9	48°7	°217	°318	86	96	WNW 3	SW 2	10	10	°070
20	29°77	85	47°2	42°7	39°0	52°0	°294	°200	91	73	WNW 5	WNW 5	10	5	°040
21	29°92	29°93	39°7	38°6	36°7	45°0	°214	°199	88	85	NW 2	NNE 1	7	10	°020
22	30°11	30°32	43°7	34°0	33°0	46°1	°225	°178	78	99	N 1	N 1	7	0	—
23	30°35	13	37°7	44°6	29°3	48°0	°192	°222	84	75	SW 1	SW 3	3	10	°050
24	29°98	30°25	44°4	38°0	36°6	49°0	°292	°206	100	99	SW 1	S 1	10	1	°090
25	30°12	29°98	40°7	46°7	35°1	48°0	°217	°301	86	94	S 3	SW 2	10	10	°080
26	29°61	29°50	40°7	44°7	42°3	53°2	°336	°244	94	83	S 3	SSW 6	10	0	°170
27	29°99	30°28	41°7	38°7	37°5	48°0	°248	°218	94	93	NW 2	NW 1	3	0	°050
28	30°23	29°78	43°4	43°2	35°0	50°1	°238	°260	84	92	S 2	S 5	10	10	°490
29	29°80	30°15	39°7	39°7	36°0	47°6	°242	°175	99	71	NW 2	N 1	10	1	°070
30	30°41	30°42	44°2	35°7	34°3	49°3	°202	°184	69	87	NW 1	Calm	0	2	Fine all day.
31	30°13	29°78	41°7	47°6	34°2	48°1	°227	°320	87	97	S 3	SW 4	10	10	● nearly all day.
Means	30°085	30°073	40°6	40°3	34°5	47°8	°220	°221	86°1	87°3	2°0	1°9	7°6	5°8	2°230

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

MARKREE CASTLE, SLIGO.

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

MARCH 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	38.3	40.0	29.9	44.2	ins.	ins.	78	83	SE 2	SE 6	6	10	ins.	Windy day.
2	29.78	29.70	38.3	40.0	29.9	44.2	236	256	92	89	SSE 4	SSE 5	10	10	0.05	
3	23	07	43.9	44.7	42.2	46.4	256	284	89	96	ESE 6	ENE 2	10	10	0.10	Overcast all day.
4	34	61	42.4	41.7	41.0	44.9	252	217	93	83	NNE 2	NNE 2	10	10	0.10	
5	70	57	38.2	30.0	29.2	42.5	176	145	76	86	NNE 1	Calm	5	2	0.10	
6	29.64	29.63	38.3	32.9	28.4	45.1	179	156	77	83	NNW 2	NNE 0.5	5	2	0.10	
7	30.03	29.77	34.3	41.0	23.8	47.2	184	239	93	94	Calm	Calm	10	10	0.08	
8	29.92	30.06	44.0	35.3	34.7	46.8	245	170	85	83	NNW 1	NNE 1	7	3	0.03	
9	30.24	38	37.2	29.9	28.4	43.2	168	122	76	73	NNE 0.5	Calm	9	2	—	
10	49	53	33.1	37.0	20.4	44.0	150	204	79	93	Calm	Calm	2	9	—	
11	59	60	35.1	29.2	23.5	45.5	146	147	70	92	Calm	Calm	3	2	—	
12	63	62	33.3	30.9	21.9	48.4	152	173	80	100	Calm	Calm	6	2	—	
13	61	61	35.9	35.9	23.3	49.1	148	194	70	92	Calm	Calm	4	6	—	
14	63	55	41.2	32.0	27.2	52.2	207	182	80	100	SE 0.5	Calm	6	6	—	
15	43	36	34.2	41.2	23.6	50.1	184	217	93	85	SE 0.5	SW 1	10	10	0.06	
16	30.50	30.30	43.1	40.2	33.3	48.4	239	209	85	85	WNW 1	SSE 1	10	6	0.24	
17	29.90	29.77	44.7	40.5	38.8	48.2	266	197	90	79	WNW 1	WNW 1	10	9	0.25	
18	29.84	30.14	38.1	39.0	32.8	42.5	186	176	80	75	NNW 7	NNW 3	9	9	0.06	* showers.
19	30.13	29.99	41.3	47.8	33.8	48.0	219	320	84	96	SW 1	NNW 4	10	10	0.03	
20	29.89	30.11	47.9	43.2	42.1	51.1	310	217	94	78	NW 3	NNW 3	10	10	0.03	
21	29.95	29.99	42.9	35.4	34.5	44.3	224	200	82	96	WNW 3	WNW 5	10	8	0.20	showers in past n.
22	30.12	30.30	41.6	30.8	30.1	46.2	204	160	78	93	N 1	Calm	6	1	—	
23	33	11	39.1	44.0	25.4	48.7	208	242	87	83	SE 1	SSE 1	9	10	0.06	
24	00	30.23	46.0	36.2	35.6	48.2	289	195	94	91	WNW 1	WNW 1	10	6	0.30	
25	30.11	29.97	44.1	47.0	30.2	47.0	249	311	85	97	SSW 3	SSW 1	10	10	0.09	Boisterous p.
26	29.62	29.64	51.2	44.0	42.9	52.8	333	232	89	80	SW 3	WNW 8	10	10	0.10	Boisterous p. showers in past n.
27	30.07	30.29	38.3	38.0	30.6	47.0	217	212	94	93	NNW 4	S 0.5	8	5	0.70	
28	30.19	29.73	44.9	44.7	33.4	48.1	238	269	81	91	SSE 3	SSE 5	10	10	0.80	
29	30.80	30.17	39.9	40.2	36.7	46.1	210	163	86	65	NNW 6	NNW 4	10	4	0.80	
30	30.39	30.42	43.3	32.3	31.6	48.2	198	176	70	96	N 1	Calm	6	4	—	
31	30.16	29.75	42.7	48.9	38.4	48.9	224	331	82	96	SSW 2	SSW 2	10	10	0.54	
Means	30.075	30.066	40.6	38.6	31.5	47.1	215	210	83.6	87.9	2.0	1.8	8.2	7.2	2.56	

DUBLIN.

Height above Mean Sea Level, 54 feet. Long. 6° 15' W. Lat. 53° 20' N.

MARCH 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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	30.13	30.06	41.4	42.6	37.1	45.6	195	188	76	71	E 4	SSE 5	3	8	—	Bright and cold a. Squally a. and p.
2	29.90	29.73	42.1	45.0	40.9	46.3	227	271	85	91	SE 4	SSE 5	10	9	0.10	Squally a. till 3 p.
3	33	06	44.1	46.3	43.0	48.3	263	304	91	97	SE 7	ESE 1	10	10	0.30	Squally a. till 3 p.
4	38	52	45.0	42.4	42.2	47.8	286	255	96	95	W 2	W 2	10	10	0.24	Gloomy all day with a. till 2 p.
5	64	56	38.9	35.2	34.8	43.4	203	150	87	73	N 2	NNE 2	8	9	—	
6	29.57	29.89	36.2	37.7	31.5	43.5	155	194	73	86	N 4	NNE 2	7	0	—	fine a.
7	30.04	30.01	35.0	41.2	31.2	46.2	166	192	81	75	W 2	WNW 2	0	9	0.09	Very fine a. Much cir.-s. from NNW p.
8	29.92	29.99	40.8	40.3	38.1	47.7	239	209	95	84	WNW 2	NE 2	10	1	0.04	showers p.
9	30.20	30.35	38.8	39.0	34.4	41.6	148	148	63	62	NE 3	NE 3	2	5	—	Very cold, but sunny.
10	45	54	34.4	37.1	29.8	43.0	155	179	77	81	W 1	NE 1	9	4	—	a. and p. (sleet) a.
11	59	58	36.7	34.9	30.9	45.0	181	169	84	83	Calm	Calm	9	0	—	a. and p.
12	62	61	34.3	39.2	29.0	47.2	166	219	84	92	W 1	Calm	0	1	0	a. Very fine, and milder.
13	62	61	35.4	45.2	32.5	49.6	201	227	97	76	Calm	E 2	0	10	—	a.
14	65	59	36.9	39.0	32.4	48.6	211	221	97	94	Calm	E 1	0	0	—	a. Brilliant day. p.
15	49	42	34.4	42.4	29.0	49.7	156	208	78	77	Calm	W 2	0	8	—	a. p. p.
16	30.52	30.39	41.9	42.0	38.8	49.9	214	206	82	78	WNW 3	W 3	3	2	—	
17	29.98	29.81	43.0	41.8	39.6	50.3	222	219	80	85	Why S 5	W 3	10	2	0.09	Squally a.
18	29.72	30.06	37.8	38.0	33.8	44.1	193	172	86	75	NNW 4	NNE 3	9	1	—	* a. Fine but cold p.
19	30.17	30.01	39.1	45.7	32.0	48.2	207	274	87	90	WNW 3	W by S 4	6	10	—	Squally p.
20	29.86	29.92	49.7	44.2	44.2	54.3	306	212	87	73	Why S 5	WNW 5	10	0	—	Squally a. and p.
21	29.97	29.87	43.1	40.2	39.9	45.1	214	236	77	95	NNW 4	NNE 1	8	10	0.26	ga. Searching wind. p.
22	30.08	30.28	38.8	37.8	34.9	46.6	196	202	84	90	N 3	Calm	0	0	—	ga.
23	38	23	35.9	44.9	30.1	48.8	176	208	84	70	W 1	SSW 3	3	10	—	a.
24	09	23	45.7	40.5	40.2	48.7	233	216	77	86	S by W 4	NW 2	10	1	0.04	Milder.
25	30.24	30.08	42.5	46.3	34.1	48.2	212	253	78	81	WSW 2	SW 3	9	9	—	Squally (gale) a. and p.
26	29.80	29.65	52.6	46.1	45.5	58.6	310	212	78	75	SSW 2	W by N 6	10	7	0.30	Squally a. showers.
27	30.05	30.31	43.3	39.2	37.9	49.3	189	203	71	85	NW 4	WNW 2	3	0	0.01	Overcast p. Squally late p.
28	30.32	29.99	45.3	45.0	35.4	52.6	226	232	75	80	ESE 1	S 3	9	10	0.06	early a. (sleet) a.
29	29.71	30.07	42.9	39.8	38.2	48.6	247	194	90	80	NW 3	N 3	10	4	0.09	Mountains white.
30	30.33	30.44	42.2	37.9	35.9	46.3	170	173	65	76	N by E 4	Calm	0	0	—	Sunny with keen wind. p.
31	30.30	29.91	43.1	47.0	32.5	50.1	164	275	58	80	WSW 2	SW 5	5	10	0.23	sa. Partial a. Squally p.
Means	30.094	30.088	40.7	41.4	35.7	47.8	227	214	81.4	81.9	2.6	2.4	6.1	5.1	1.53	

MARCH 1885.

PARSONSTOWN (BIRR CASTLE).

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

MARCH 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	37.7	41.9	31.2	45.1	ins.	ins.	78	82	E 0.5	SE 4	7	10	ins.	Squally 9p.
2	29.82	29.79	43.2	46.3	40.1	52.7	260	283	92	91	SSE 3	SE 3	10	10	0.04	Squally a. and p. (mist) 9p.
3	19	07	45.3	47.7	43.2	51.7	282	313	93	95	SSE 4	SW 3	10	10	0.26	Squally a.
4	31	55	45.0	42.0	41.1	47.7	292	249	98	94	NW 0.5	Calm	0	5	0	(mist) 9p.
5	68	59	39.8	31.2	30.7	47.5	213	144	88	82	N 2	Calm	0	5	0	
6	29.63	29.92	35.0	35.2	27.9	44.0	164	173	80	91	N 1	Calm	0	4	0	
7	30.08	30.04	32.3	36.5	24.4	46.9	150	197	82	92	Calm	Calm	0	0	0	
8	29.95	30.01	41.6	37.0	33.4	49.1	250	202	95	92	NW 0.3	N 1	7	7	—	(mist) a. and p. ▲
9	30.20	30.39	36.8	28.7	28.2	42.4	186	135	86	86	NE 1.5	Calm	0	4	0	
10	49	55	30.7	32.0	21.8	44.1	138	157	80	87	E 0.3	Calm	0	0	0	
11	60	60	31.8	31.8	23.8	44.6	139	166	77	90	Calm	Calm	0	0	0	
12	63	61	34.0	32.3	22.0	48.4	152	166	78	90	NNE 0.5	N 1	2	0	—	before 9a.
13	63	61	29.4	36.2	25.3	50.5	152	182	93	85	Calm	0	NNE 0.5	0	0	a. (mist) p.
14	65	57	34.5	37.3	26.0	54.6	143	205	72	93	Calm	0	SE 0.5	0	0	(mist) 9p.
15	47	43	39.4	41.3	27.9	49.4	205	232	85	90	SSE 1	SSE 1	0	7	—	(mist) 9p.
16	55	30.42	44.0	37.8	35.5	50.4	215	210	74	93	W 0.5	SSW 1	4	0	—	(mist) 9p.
17	30.02	29.88	44.3	40.5	36.6	48.4	268	234	92	89	SW 3	SW 2	10	7	0.83	Squally a. (mist) a. and p. ▲
18	29.83	30.13	36.5	35.0	32.1	42.6	195	172	91	84	NW 1.5	N 2	4	1	0.04	* before 9a. ▲ * p. (mist) 9p.
19	30.20	30.07	41.2	47.4	30.1	47.6	201	317	78	97	SW 0.5	WSW 3	5	10	—	(mist) before 9a.
20	29.94	30.01	49.5	45.8	44.0	55.6	315	229	89	75	W 3	WNW 3	10	10	—	
21	30.02	29.89	45.0	40.7	39.3	48.0	229	241	77	95	WNW 0.5	N 2.5	8	10	0.236	
22	14	30.30	41.6	35.1	34.0	47.0	209	195	80	95	NW 1	Calm	0	2	0	
23	37	20	41.1	42.2	26.1	52.0	214	225	83	85	SSE 0.5	SW 1	2	10	0.050	
24	05	28	44.8	38.4	37.9	49.8	278	206	94	89	SW 2	WNW 1	10	0	0.054	
25	30.23	30.07	40.2	45.8	29.8	48.0	218	289	89	94	S 0.5	SSW 2	10	10	0.063	
26	29.77	29.79	52.0	43.4	42.6	54.0	361	230	93	81	S 2	WNW 4.5	10	0	0.052	(mist) 9p.
27	30.14	30.35	45.5	38.7	35.3	49.0	205	220	73	94	WNW 2	WNW 2	6	4	—	Squally before 9a. ▲.
28	30.30	29.89	44.6	45.3	36.7	49.8	241	272	82	90	S 1	S 4	10	10	0.578	Squally 9p.
29	29.83	30.16	40.2	37.2	36.5	47.2	226	198	91	89	NNW 2	NNW 3	10	0	0.020	
30	30.39	30.46	41.5	34.2	31.6	48.5	192	180	74	90	NNW 1	S 0.5	0	0	—	(mist) 9p.
31	30.28	29.90	41.4	47.5	29.0	48.7	194	311	75	95	SW 0.5	SSW 3	10	10	0.578	
Means	30.111	30.108	40.3	39.0	32.4	48.6	215	217	84.4	89.5	1.2	1.6	5.5	4.4	2.220	

DUNROBIN CASTLE.

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

APRIL 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	40.6	32.1	31.3	45.5	in.	in.	%	%	NW	NW	—	—	ins.	* showers.
2	29.62	29.63	40.6	32.1	31.3	45.5	.240	.176	95	96	SE	SE	—	—	.250	* a. Clear and cold p.
3	29.79	30.05	34.5	34.3	31.3	45.5	.194	.198	97	100	NE	E	—	—	—	Dull and mild.
4	30.11	30.10	34.5	37.1	33.3	49.5	.194	.215	97	97	SE	E	—	—	—	
5	30.01	29.86	41.9	41.6	32.1	49.5	.257	.257	97	97	SE	NE	—	—	—	Fine a. Cloudy p.
6	29.76	.57	44.2	42.4	38.8	44.2	.278	.269	96	99	SE	E	—	—	—	Fine, with cold wind.
7	.53	.68	40.4	39.6	37.6	44.7	.249	.235	99	97	NW	N	—	—	—	Fine, with cold wind.
8	.84	.93	42.6	41.9	38.4	44.5	.267	.261	97	99	SE	SE	—	—	—	Fine a. Dull p.
9	.92	.88	41.9	38.9	34.5	48.7	.261	.231	99	98	SE	SE	—	—	—	Fine a. Dull p.
10	.80	.78	44.2	46.6	36.1	49.3	.285	.193	98	61	NW	NW	—	—	—	Dull day.
11	.78	29.88	43.9	43.6	40.5	46.6	.282	.282	99	99	NW	NW	—	—	.060	Dull a. Fine p.
12	29.97	30.02	43.6	41.9	41.7	48.7	.277	.261	97	99	SW	SW	—	—	—	
13	30.02	.02	44.2	38.9	38.6	46.3	.285	.227	98	96	SE	SE	—	—	—	Fine and clear, but cold.
14	30.04	30.02	43.2	36.8	32.0	46.5	.275	.214	98	98	SE	SE	—	—	—	Fine and clear.
15	29.96	29.96	42.6	33.8	31.3	43.3	.271	.184	99	94	SE	SE	—	—	—	Fine, but with cold wind.
16	29.91	29.93	44.6	41.4	33.8	47.0	.292	.252	99	97	SE	SE	—	—	—	Fine day.
17	30.00	30.10	42.6	39.9	37.1	44.3	.271	.240	99	98	NE	NE	—	—	—	Fine, but with cold wind.
18	.08	.07	42.2	44.4	36.6	50.5	.254	.290	94	99	SE	SE	—	—	—	Fine, but with cold wind.
19	.11	30.12	50.0	40.9	39.8	61.2	.353	.247	98	97	SE	E	—	—	—	Fine a. Dull p.
20	30.06	29.82	52.0	52.0	37.6	56.9	.380	.280	98	98	SE	N	—	—	—	Fine, dry, and blowy.
21	29.94	.76	51.0	44.4	43.7	57.4	.366	.290	98	99	SE	NE	—	—	—	
22	.71	.67	46.6	47.2	43.5	55.5	.314	.273	100	85	SW	NE	—	—	—	Dull a. Fine and mild p.
23	.62	.56	47.5	45.9	39.4	47.2	.263	.232	81	76	NE	NE	—	—	—	Fine afd clear.
24	.56	.56	38.9	44.2	36.8	45.9	.144	.222	60	76	SE	NE	—	—	—	Fine and mild.
25	.51	.28	45.2	45.9	35.6	55.0	.251	.288	84	94	NE	E	—	—	.410	Fine a. ● p.
26	.06	.14	46.4	50.3	45.7	54.7	.289	.268	92	74	SE	SW	—	—	.050	Dull. Cold wind.
27	.31	.43	47.7	47.5	44.7	55.0	.282	.276	86	85	SW	SW	—	—	—	Fine and mild.
28	.53	.63	52.3	42.2	40.7	55.7	.269	.253	70	94	NW	W	—	—	—	Fine a. Dull p.
29	.52	.47	49.0	49.7	42.2	54.5	.270	.275	77	78	NE	N	—	—	—	Fine a. Dull p.
30	.61	.71	49.0	47.2	44.5	49.7	.291	.303	84	94	SW	NW	—	—	.220	Fine a. Dull p.
30	29.81	29.71	51.7	46.2	38.6	53.0	.284	.263	75	85	N	E	—	—	—	Fine a. Dull p.
Means	29.782	29.777	44.6	42.5	37.9	49.9	.273	.252	92.0	92.0	—	—	—	—	1.250	

BRAEMAR.

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

APRIL 1885.

1	29.65	29.73	36.6	29.7	29.7	42.5	148	114	68	70	NW	2	SW	2	7	1	* showers.
2	29.84	30.07	32.7	34.9	28.6	39.3	172	145	92	71	W	2	SW	2	7	8	Fair but cold.
3	30.09	30.08	39.6	38.4	32.2	47.5	186	179	76	78	SW	2	SW	2	8	4	Clear and cold.
4	29.96	29.90	39.6	36.6	28.4	46.3	159	131	66	69	SW	2	SW	1	3	6	Clear and fair.
5	29.76	29.56	33.7	33.3	32.1	42.5	159	166	82	87	S	1	SE	2	0	10	* showers.
6	29.45	29.61	31.7	36.4	31.8	39.4	182	200	90	93	E	1	E	2	10	10	* and * (sleet).
7	29.77	29.90	35.5	33.9	32.4	40.3	185	165	89	84	NE	1	E	0.5	9	6	
8	29.86	29.83	34.7	34.7	31.2	41.5	150	166	74	82	NE	1	NE	1	5	0	
9	29.77	29.70	35.7	35.5	33.6	41.5	144	187	68	90	N	2	N	2	4	10	Fair a. showers p.
10	29.74	29.83	38.4	35.5	35.4	40.5	212	182	92	87	E	1	NE	4	9	10	* all day.
11	29.90	29.99	37.0	36.9	35.4	42.7	200	180	91	82	E	2	NE	2	10	7	* a. Fine p.
12	29.96	29.98	38.8	36.6	32.7	42.5	194	179	82	83	E	0.5	NE	1	8	4	Fine and clear, but cold.
13	30.00	29.98	37.9	36.5	26.6	45.5	143	184	63	85	E	1	NE	0.5	2	3	Fine and clear, but cold.
14	29.92	29.89	39.6	38.8	23.6	47.5	160	197	70	84	E	0.5	NE	1	0	8	Fine and clear, but cold.
15	29.87	29.87	38.8	36.5	35.4	45.5	194	181	82	84	SE	0.5	SE	1	8	6	Fine and clear, but cold.
16	29.97	30.09	37.6	33.0	31.1	49.3	170	161	75	86	SE	0.5	SE	0.5	7	0	Fine and clear.
17	30.09	30.08	40.8	43.4	25.4	52.5	160	207	63	74	S	1	SW	0.5	0	1	U
18	30.11	30.18	50.3	45.6	33.2	57.3	220	185	61	61	SW	2	SW	2	4	1	U
19	30.11	30.00	51.3	49.8	41.7	55.5	207	319	66	86	SW	8	SW	6	6	9	* showers.
20	29.98	29.77	46.5	50.7	43.1	54.8	207	319	66	86	SW	8	SW	6	6	9	* all day.
21	29.72	29.75	52.2	44.6	44.6	58.5	318	248	81	84	SW	4	SW	0.5	8	7	* a. Fine p.
22	29.65	29.57	45.4	43.4	40.3	51.5	221	191	73	68	SW	2	SW	2	7	6	Clear and fair.
23	29.54	29.57	45.0	40.6	30.7	52.8	209	208	70	83	W	1	SW	2	7	7	Clear and fair.
24	29.49	29.46	44.6	45.6	31.7	47.3	204	259	69	85	S	2	SE	4	6	10	Clear a. p.
25	29.04	29.10	45.4	45.6	44.0	51.5	260	244	87	80	SE	2	S	6	10	10	* all day.
26	29.34	29.45	43.9	47.8	43.3	52.5	251	283	87	86	S	6	SW	2	10	8	* a. Fine p.
27	29.53	29.65	47.1	40.4	40.4	50.3	281	218	87	87	SW	4	SW	1	9	8	Clear and fair.
28	29.57	29.49	44.9	45.6	38.5	54.5	225	246	76	80	SW	4	SW	4	6	8	Clear and fair.
29	29.60	29.71	44.6	43.8	42.3	47.3	269	227	92	83	SW	0.5	SW	0.5	9	1	Dull and damp.
30	29.76	29.74	48.7	43.9	32.4	54.3	228	221	67	76	NW	1	W	2	4	4	Fair and clear.
Means	29.768	29.776	41.4	39.9	34.4	47.8	202	202	75.6	80.7	—	—	—	—	6.6	6.0	3.800

LAUDALE.

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

APRIL 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.				
1	ins.	ins.	39.5	34.0	33.0	50.0	192	174	79	88	NW	1	NW	4	5	10	ins. 200	* showers all day.	[deep. 1 inch
2	29.72	29.74	39.5	34.0	33.0	50.0	192	174	79	88	NW	1	NW	4	5	10	200	* showers all day.	
3	29.89	30.09	36.1	41.3	32.2	50.4	176	204	82	79	ESE	2	SE	1	10	8	—	a. Fine from 11a.	
4	30.15	30.08	42.0	44.0	39.3	48.8	229	288	86	100	S	3	S	1	4	4	—	Fine all day.	
5	29.96	29.83	44.9	41.1	39.1	49.8	295	258	99	100	SE	4	E	6	9	3	—	Fine during day. p.	
6	29.63	29.37	42.0	41.1	39.1	45.0	267	258	100	97	E	5	E	4	9	4	—	Stormy and cold all day.	
7	29.32	29.47	42.8	43.9	39.0	47.0	275	278	100	97	SE	4	Calm	0	1	0	—	Fine but cold all day.	
8	29.71	29.85	46.8	38.4	37.4	50.2	321	232	100	100	Calm	0	Calm	0	1	2	—	Very fine, but cold.	
9	29.89	29.85	41.9	39.3	30.2	49.0	205	196	78	82	Calm	0	Calm	0	1	2	—	∞ round sun; purple 11a.—4p., then [white.	
10	29.83	29.75	42.7	42.0	29.9	49.0	204	214	74	81	N	1	N	2	5	5	—	Dull day.	
11	29.74	29.81	44.9	43.2	38.9	50.0	215	213	73	72	E	4	Calm	0	10	10	—	Threatening appearance all day.	
12	29.82	29.95	45.3	44.9	39.1	50.0	229	212	70	72	E	4	Calm	0	10	10	—		
13	29.98	29.96	47.7	44.7	38.0	50.0	198	201	60	69	SE	2	Calm	0	2	6	—	Very fine all day.	
14	30.01	29.98	46.1	41.0	40.6	50.0	204	204	66	80	E	1	Calm	0	2	6	—	∞ ² all day.	
15	30.04	29.91	45.0	43.1	39.9	50.0	216	248	73	89	E	1	Calm	0	10	10	—	Dull, with ∞ all day.	
16	29.88	29.86	44.8	44.0	40.0	51.0	231	224	78	77	E	1	Calm	0	10	10	—	[changed 4p., and bar. began to fall.	
17	29.99	30.08	44.3	45.4	33.7	53.3	221	209	76	69	Calm	0	W	2	1	1	—	Very fine all day. Wind suddenly	
18	30.09	30.09	47.9	50.9	35.0	57.6	207	235	63	64	E	2	W	1	0	7	—	Dull, with ∞ ² ga. Very fine day.	
19	30.15	30.20	50.0	50.1	43.0	57.5	269	235	75	66	NW	1	NE	1	10	9	—	Fine all day. Upper clds. motionless.	
20	30.18	30.07	50.3	57.0	46.0	60.0	288	265	79	57	W	2	W	1	10	10	050	Fine all day. Upper clds. motionless.	
21	30.04	29.81	50.0	52.8	47.2	57.2	249	348	69	86	W	2	NW	5	4	550	11a. (mist) all day. U 9p.		
22	29.73	29.75	51.8	48.0	47.8	57.0	341	267	88	80	W	2	E	1	10	8	370	(mist) all day. U 9p.	
23	29.73	29.75	51.8	48.0	47.8	57.0	341	267	88	80	W	2	E	1	10	8	370	(mist) all day. U 9p.	
24	29.37	29.13	48.0	48.0	47.9	52.1	328	335	80	97	SSW	1	W	1	10	10	—	Very clear at 9p.	
25	28.93	28.98	49.0	48.0	47.9	52.1	328	335	80	97	SSW	1	W	1	10	10	—	Dark, gloomy, and threatening.	
26	29.25	29.41	47.5	48.3	46.8	55.1	278	263	85	78	SE	2	SE	5	10	10	900	Gloomy all day. 11a. and 5p. Grey ∞ at Sunset.	
27	29.49	29.58	48.0	48.0	47.9	52.1	328	335	80	97	SSW	1	W	1	10	10	—	Dark, gloomy, and threatening.	
28	29.45	29.43	48.1	49.2	47.0	52.3	242	287	72	82	S	4	S	7	9	10	100	Gloomy all day. 11a. and 5p. Grey ∞ at Sunset.	
29	29.56	29.71	51.0	48.6	48.3	56.3	276	287	74	84	S	4	S	3	8	8	—	Squally.	
30	29.81	29.69	48.7	49.2	46.7	56.2	279	283	81	81	S	1	S	3	10	2	—	Fine all day.	
Means	29.757	29.747	46.1	45.3	40.5	52.2	246	250	79.0	82.6	2.3		2.0	7.3	6.9	3.310			

ROTHESAY.

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

APRIL 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	29.74	29.85	40.7	35.2	34.0	47.2	1.195	1.163	77	79	NW 2	SW 3	—	—	ins.	Blow. * showers.
2	29.98	30.17	35.5	30.1	35.2	45.0	1.191	1.200	92	84	NW 1	SE 1	—	—	0.025	
3	30.21	30.13	45.1	40.7	39.1	52.2	1.217	1.211	73	83	SW 1	S 1	—	—	—	Breezy.
4	30.01	29.88	43.4	35.5	34.4	49.7	1.219	1.180	77	86	SSE 1	Calm 0	—	—	—	Fine day.
5	29.67	3.38	40.3	36.0	34.9	47.1	1.176	1.158	70	74	SE 4	ESE 2	—	—	0.005	Blow. and cold.
6	29.67	4.47	41.3	42.6	35.9	47.2	1.211	1.232	81	85	E 4	E 2	—	—	—	Dull, blowy, and cold.
7	29.70	4.86	40.1	38.1	38.1	51.0	1.210	1.196	70	85	E 2	E 2	—	—	—	Fine day.
8	29.88	4.86	43.3	37.6	32.4	52.4	1.177	1.179	63	79	NE 1	N 1	—	—	—	Fine day.
9	29.81	4.73	45.7	41.1	32.7	50.2	1.187	1.198	61	78	NW 1	NW 1	—	—	—	Fine day.
10	29.72	4.79	44.1	40.1	38.8	49.4	1.227	1.227	78	92	NE 1	E 2	—	—	1.135	Dull day.
11	29.81	4.95	41.7	41.1	38.8	46.2	1.242	1.216	92	84	NE 2	E 2	—	—	0.005	Dull day.
12	29.98	4.98	48.0	42.4	37.8	49.4	1.234	1.221	70	82	E 2	NE 1	—	—	—	Fine day.
13	30.03	4.99	45.1	44.1	39.5	53.4	1.223	1.217	75	75	SE 2	E 1	—	—	—	Fine day.
14	29.97	4.93	44.3	43.6	39.8	53.4	1.229	1.252	78	89	NE 1	Calm 0	—	—	—	
15	29.92	4.98	44.9	42.1	40.3	51.4	1.230	1.219	78	82	ENE 1	E 1	—	—	—	Fine day.
16	29.99	30.13	43.1	38.9	37.3	52.2	1.214	1.177	77	76	NE 2	E 1	—	—	—	
17	30.12	30.09	44.6	42.1	35.6	50.9	1.226	1.238	76	89	NE 2	NW 1	—	—	—	Clear and fine.
18	30.20	30.30	52.0	44.1	37.3	58.0	1.292	1.269	75	93	SE 1	Calm 0	—	—	—	Clear and fine.
19	30.07	30.07	52.0	48.3	39.3	62.1	1.303	1.287	78	85	WSW 1	SW 1	—	—	0.003	Clear and fine.
20	30.09	29.90	53.0	51.5	45.3	56.5	1.292	1.381	73	100	W 2	W 1	—	—	1.462	Dull and damp.
21	29.81	29.81	52.5	45.9	45.5	53.9	1.373	1.305	95	99	SSW 1	W 4	—	—	1.400	Dull, with ☉.
22	29.69	29.69	47.0	44.1	41.3	50.9	1.311	1.247	97	85	SE 1	W 1	—	—	—	Dull and mild.
23	29.60	29.60	48.0	41.6	40.1	54.2	1.210	1.233	63	89	NW 2	Calm 0	—	—	—	Fine day. ☉
24	29.40	29.40	46.1	47.0	40.3	48.9	1.247	1.323	79	100	ENE 3	SE 2	—	—	1.245	Dull, with ☉.
25	28.98	28.98	50.0	46.1	45.8	55.0	1.327	1.353	91	97	S 3	SW 2	—	—	1.185	☉ showers.
26	29.32	29.32	47.5	45.4	44.5	58.0	1.321	1.299	98	98	SSW 1	SW 4	—	—	1.100	
27	29.62	29.62	51.0	47.5	42.3	53.2	1.281	1.297	75	91	SW 2	SW 1	—	—	0.005	
28	29.51	29.51	48.0	46.6	45.3	49.4	1.263	1.303	79	96	SE 2	SE 2	—	—	1.365	Dull, ☉ p.
29	29.60	29.60	49.3	47.0	44.8	49.4	1.299	1.287	85	90	SSE 1	W 1	—	—	0.005	Fine.
30	29.85	29.85	49.3	45.6	39.8	58.5	1.313	1.259	90	85	SE 1	SE 1	—	—	—	Chilly.
Means	29.791	29.787	46.1	42.7	39.2	52.2	1.248	1.243	78.9	87.0	1.7	1.4	—	—	3.130	

PINMORE.

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

APRIL 1885.

1	29.77	29.90	44.9	33.4	25.5	49.6	1.170	1.175	56	92	N 0.5	N 3	—	—	1.170	
2	30.02	30.23	35.8	33.7	29.5	49.2	1.195	1.167	93	86	N 0.5	N 0.5	—	—	0.030	
3	30.10	30.10	42.0	36.5	33.5	50.1	1.216	1.184	82	85	N 0.5	N 3	—	—	—	
4	30.04	29.92	42.0	29.6	29.6	48.7	1.220	1.159	83	97	N 0.5	N 1	—	—	—	
5	29.72	29.72	37.7	38.4	29.5	46.2	1.164	1.159	72	68	E 6	E 8	—	—	1.170	
6	29.28	29.28	42.1	42.0	37.4	46.4	1.219	1.225	82	85	SE 4	SE 6	—	—	0.070	
7	29.65	29.65	45.2	35.3	35.3	52.1	1.226	1.187	75	91	SE 3	SE 0.5	—	—	—	
8	29.87	29.87	39.6	31.4	27.5	50.1	1.164	1.153	68	87	E 3	N 0.5	—	—	—	
9	29.82	29.82	44.0	42.4	25.0	49.2	1.202	1.217	70	81	NE 0.5	NW 0.5	—	—	0.080	
10	29.71	29.71	41.6	38.5	38.4	48.2	1.231	1.210	89	90	NE 0.5	NE 3	—	—	0.060	
11	29.76	29.76	42.3	41.6	37.0	48.0	1.253	1.224	94	86	NE 4	NE 0.5	—	—	—	
12	29.95	29.95	47.1	42.0	32.5	51.7	1.217	1.205	68	77	SE 0.5	SE 0.5	—	—	—	
13	30.02	30.02	39.3	41.0	34.5	52.9	1.198	1.215	83	84	E 0.5	NE 0.5	—	—	—	
14	29.97	29.97	45.5	41.0	38.4	50.1	1.211	1.229	70	90	SE 0.5	SE 0.5	—	—	—	
15	29.94	29.94	44.5	39.7	29.5	51.1	1.223	1.180	76	73	SE 0.5	SE 0.5	—	—	—	
16	29.99	29.99	41.6	35.8	32.5	53.1	1.283	1.175	70	83	SE 4	E 0.5	—	—	—	
17	30.14	30.14	49.8	42.9	29.0	61.1	1.226	1.224	64	81	S 0.5	S 0.5	—	—	—	
18	29.22	29.22	55.0	42.6	31.0	60.6	1.276	1.234	64	86	SW 0.5	SE 0.5	—	—	—	
19	29.27	29.27	55.9	47.5	39.4	63.1	1.298	1.252	67	77	SW 0.5	SE 0.5	—	—	0.030	
20	29.15	29.15	52.1	54.4	45.3	55.6	1.259	1.400	68	95	S 0.5	S 0.5	—	—	1.580	
21	29.89	29.89	54.1	45.9	45.9	54.4	1.370	1.293	88	95	S 0.5	S 0.5	—	—	0.690	
22	29.71	29.71	47.2	44.4	44.3	52.1	1.293	1.246	91	84	SW 0.5	W 0.5	—	—	0.050	
23	29.64	29.64	47.9	42.1	41.4	53.1	1.235	1.219	71	82	SW 0.5	W 3	—	—	—	
24	29.42	29.42	46.5	46.9	40.8	49.2	1.237	1.292	75	92	S 4	S 8	—	—	1.260	
25	29.00	29.00	45.8	45.9	45.3	56.1	1.297	1.281	86	92	S 4	S 4	—	—	1.270	
26	29.36	29.36	49.4	45.9	40.9	56.3	1.295	1.281	85	92	S 0.5	S 3	—	—	0.050	
27	29.67	29.67	49.4	46.1	45.3	49.4	1.295	1.262	85	84	S 0.5	SE 3	—	—	—	
28	29.53	29.53	48.1	46.1	45.3	56.1	1.256	1.264	76	85	SE 6	SE 3	—	—	—	
29	29.63	29.63	49.9	46.4	45.3	57.1	1.281	1.280	79	89	S 0.5	S 0.5	—	—	1.310	
30	29.88	29.88	51.8	43.0	33.0	57.6	1.279	1.232	73	83	SW 3	SW 4	—	—	—	
Means	29.809	29.815	46.0	41.4	36.3	52.6	1.240	1.227	76.8	85.7	1.7	2.0	—	—	3.850	

SCALEBY (NEAR CARLISLE).

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

APRIL 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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° 5'	33° 5'	33° 0'	48° 0'	in.	in.	%	%	W	2	SW	2	10	0	ins.
2	29° 62	29° 86	39° 7	34° 0	32° 8	47° 0	° 242	° 183	93	90	SW	3	SW	2	2	0	—
3	30° 26	30° 18	39° 7	36° 0	30° 0	51° 2	° 182	° 168	74	85	S	2	NE	2	0	0	—
4	30° 11	29° 92	42° 0	37° 3	30° 5	53° 5	° 193	° 184	79	87	E	2	SW	3	0	0	—
5	29° 75	40	40° 0	36° 0	29° 0	42° 2	° 190	° 172	73	78	SE	4	SE	5	0	4	—
6	23	41	45° 0	41° 7	35° 2	48° 0	° 166	° 163	67	77	E	4	E	5	8	10	0° 70
7	63	80	41° 7	39° 7	38° 8	50° 5	° 222	° 239	74	91	E	5	E	3	10	10	—
8	78	80	43° 0	34° 5	34° 0	48° 5	° 83	° 203	88	83	NE	5	E	3	8	0	—
9	72	63	43° 3	39° 5	30° 0	44° 5	° 91	° 208	88	83	N	5	N	4	5	5	° 020
10	58	66	43° 0	38° 6	37° 0	47° 0	° 224	° 234	75	100	NE	3	N	3	10	10	° 020
11	68	88	43° 5	40° 6	37° 0	44° 0	° 234	° 234	75	100	NE	3	N	4	10	10	—
12	89	95	47° 0	38° 5	37° 2	50° 5	° 262	° 253	93	100	E	5	E	3	4	0	—
13	98	98	46° 0	36° 5	36° 5	53° 0	° 206	° 77	89	84	E	2	E	2	3	1	—
14	96	94	42° 5	35° 5	27° 5	52° 2	° 180	° 68	84	94	E	1	E	1	10	0	—
15	88	29° 86	43° 0	39° 3	29° 8	45° 0	° 195	° 193	73	94	E	2	E	4	5	10	—
16	29° 94	30° 14	42° 0	37° 5	34° 5	49° 8	° 208	° 197	75	83	E	2	E	1	8	3	—
17	30° 12	40	47° 5	45° 5	34° 0	63° 5	° 190	° 196	73	88	NE	3	E	2	0	0	—
18	17	33	52° 0	46° 5	39° 0	61° 0	° 232	° 240	72	80	Calm	0	Calm	0	0	0	—
19	27	30° 18	55° 5	47° 5	33° 0	63° 0	° 62	° 251	62	80	S	1	SW	1	1	0	—
20	30° 12	29° 94	51° 5	53° 5	45° 0	54° 0	° 288	° 240	66	74	W	2	SW	5	8	10	° 300
21	29° 89	81	52° 5	49° 6	49° 0	55° 0	° 295	° 357	78	87	SW	6	SW	5	10	10	° 310
22	66	49	53° 0	45° 6	45° 0	54° 0	° 357	° 357	91	100	SW	1	NW	4	10	10	° 330
23	55	62	47° 5	41° 5	41° 0	56° 0	° 306	° 306	72	100	W	1	Calm	0	8	0	—
24	46	26	49° 0	49° 7	34° 0	52° 2	° 261	° 223	80	86	SW	4	S	4	10	8	° 080
25	05	15	51° 5	48° 5	48° 5	57° 0	° 227	° 316	65	89	SW	6	SW	5	10	5	° 160
26	37	51	51° 5	45° 5	44° 5	59° 0	° 271	° 75	80	80	SW	4	Calm	0	10	8	° 020
27	67	72	51° 5	45° 5	40° 0	57° 0	° 262	° 75	86	84	SW	2	Calm	0	8	0	—
28	57	52	51° 5	50° 5	40° 5	57° 0	° 70	° 86	86	86	SW	3	W	2	10	10	—
29	60	81	49° 5	44° 5	44° 0	55° 0	° 263	° 252	70	69	Calm	0	Calm	0	10	0	—
30	29° 83	29° 71	52° 5	48° 5	34° 0	59° 5	° 330	° 240	94	82	Calm	0	SW	3	2	10	—
Means	29° 778	29° 787	46° 6	42° 0	36° 8	52° 6	° 206	° 234	75° 2	86° 7	2° 8	2° 6	6° 3	4° 5	1° 350		

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

CRONKBORNE (DOUGLAS), ISLE OF MAN.

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

APRIL 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	41°6	37°2	37°2	45°7	ins.	ins.	84	84	NW 5-6	NW 3	10	3	ins.	Squally p. 2 a. Squally p. (force 7) p. Δ 3-30 p. -5 p.
2	29°74	29°91	41°6	37°2	37°2	45°7	237	237	86	83	NW 4	Calm 0	2	0	—	Very fine day. — p.
3	30°03	30°21	41°6	34°2	32°6	46°0	225	166	86	83	SSW 2	Calm 0	2	0	—	— a. Very fine day. — p.
4	29°01	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	— (mist) a. Very fine day. — p.
5	29°67	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	Squally p. p.
6	29°16	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	(force 7) p. 2 a. (mist) 9 p.
7	29°54	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	(mist) a. Cloudy day.
8	29°78	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	— a. Very fine day. — p.
9	29°75	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	— a. and p. Fine day.
10	29°64	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	Dull with showers.
11	29°70	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	
12	29°88	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	Dull morning. Fine afternoon.
13	29°97	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	Fine day. — p. (mist) p.
14	29°94	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	Dull morning. Fine afternoon. — p.
15	29°87	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	(mist) a. and p. Dull day.
16	29°89	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	Very fine day, with ∞. — p.
17	29°11	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	Very fine day, with ∞. — p.
18	29°18	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	Very fine day. — p.
19	29°27	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	Overcast a. (mist) p.
20	29°15	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	Overcast all day.
21	29°02	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	(mist) p. Squally p.
22	29°05	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	Fine day. — p.
23	29°62	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	Squally p. (force 8, at night).
24	29°37	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	Squally p. (mist) p.
25	29°00	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	Fine a. Dull afternoon. — p.
26	29°36	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	Squally p. a. Very fine day. [2.30 p.
27	29°68	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	Overcast, with 2 at times.
28	29°52	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	Very fine day. — p.
29	29°61	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	— a. and p. Very fine day.
30	29°87	29°86	43°8	34°8	31°8	46°0	226	188	78	93	SE 4	Calm 0	0	0	—	
Means	29°770	29°776	46°2	42°9	39°3	49°6	268	254	85°6	91°3	3°5	2°4	6°6	5°8	3°354	

STONYHURST.

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

APRIL 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°66	29°90	43°7	38°3	37°6	44°0	269	155	94	67	SW 2	NW 2	10	5	ins.	2 in past n.
2	30°02	30°22	40°4	35°5	33°7	44°4	169	170	67	82	WNW 2	NW 1	7	0	—	2 in past n.
3	30°30	30°20	39°1	37°9	28°1	50°8	169	168	71	73	Calm 0	Calm 0	0	0	—	2 in past n.
4	30°07	29°95	40°5	37°9	29°3	48°7	162	163	65	71	Calm 0	E 1	0	5	—	2 in past n.
5	29°72	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
6	29°22	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
7	29°55	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
8	29°72	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
9	29°68	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
10	29°59	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
11	29°70	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
12	29°88	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
13	29°99	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
14	29°66	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
15	29°91	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
16	29°89	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
17	29°11	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
18	29°23	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
19	29°34	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
20	29°23	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
21	29°01	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
22	29°73	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
23	29°62	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
24	29°51	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
25	29°43	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
26	29°46	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
27	29°75	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
28	29°63	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
29	29°65	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
30	29°91	29°87	39°1	39°0	28°8	46°1	160	183	68	78	ESE 2	E 2	7	10	ins.	
Means	29°807	29°813	45°6	43°3	37°2	51°7	233	223	75°1	78°6	1°7	1°3	7°4	7°1	1°766	

APRIL 1885.

WAKEFIELD.

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

APRIL 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°2	37°8	37°6	48°5	ins.	ins.	84	81	SW 4	W 2	10	3	ins.	Fine all day.
2	29°65	29°95	46°2	37°8	37°6	48°5	283	201	84	81	W 5	N 3	4	5	—	Fine all day.
3	30°01	30°20	40°8	38°0	33°6	48°6	214	286	84	81	N 3	E 3	0	2	—	Fine all day.
4	29°30	30°21	44°0	37°8	27°3	48°8	230	201	79	89	E 2	E 2	2	3	4	Fine all day.
5	30°10	29°96	37°8	36°1	22°2	48°3	171	185	75	87	SE 3	SE 5	7	8	1°15	
6	29°79	42	40°8	39°8	25°8	46°5	100	204	66	96	SE 4	SE 2	10	10	420	
7	29°22	37	40°6	42°3	39°0	40°0	243	257	93	90	NE 3	E 3	10	10	—	Dull and gloomy all day.
8	29°51	70	42°7	40°0	39°6	45°9	256	220	84	84	N 3	N 3	10	10	—	Dull and gloomy all day.
9	29°69	70	39°8	39°8	37°6	42°7	207	204	85	84	N 3	N 3	10	10	0°50	Dull and gloomy all day.
10	29°62	56	41°0	39°9	38°6	43°6	219	225	86	91	N 3	N 5	10	10	0°70	Dull and gloomy all day.
11	29°56	62	40°8	39°0	38°8	44°5	253	231	99	98	NE 3	NE 3	10	10	0°30	Dull and gloomy all day.
12	29°69	83	40°3	42°3	38°8	45°5	237	257	96	96	SW 2	S 2	10	10	0°50	Dull and gloomy all day.
13	29°89	89	41°8	40°8	40°0	44°5	263	232	99	92	E 2	NE 2	2	10	7	—
14	30°02	90	41°1	40°6	39°8	45°8	235	215	90	85	NE 2	E 2	2	10	10	—
15	29°95	95	40°5	39°8	36°8	44°5	215	231	86	95	N 2	N 2	2	10	10	Dull and gloomy all day.
16	29°88	92	39°9	38°8	33°4	44°5	221	225	91	96	NE 3	E 3	10	10	0°10	Dull and gloomy all day.
17	29°12	92	39°9	38°8	33°4	44°5	221	225	91	96	NE 3	NE 2	2	10	10	Dull and gloomy all day.
18	29°33	92	40°6	40°8	38°0	45°5	218	237	86	93	NE 2	NE 2	0	2	—	Fine all day.
19	29°31	92	40°6	40°8	38°0	45°5	218	237	86	93	NE 2	NE 2	0	2	—	Fine all day.
20	29°20	92	40°6	40°8	38°0	45°5	218	237	86	93	NE 2	NE 2	0	2	—	Fine all day.
21	29°09	92	40°6	40°8	38°0	45°5	218	237	86	93	NE 2	NE 2	0	2	—	Fine all day.
22	29°51	92	40°6	40°8	38°0	45°5	218	237	86	93	NE 2	NE 2	0	2	—	Fine all day.
23	29°66	92	40°6	40°8	38°0	45°5	218	237	86	93	NE 2	NE 2	0	2	—	Fine all day.
24	29°52	92	40°6	40°8	38°0	45°5	218	237	86	93	NE 2	NE 2	0	2	—	Fine all day.
25	29°33	92	40°6	40°8	38°0	45°5	218	237	86	93	NE 2	NE 2	0	2	—	Fine all day.
26	29°48	92	40°6	40°8	38°0	45°5	218	237	86	93	NE 2	NE 2	0	2	—	Fine all day.
27	29°73	92	40°6	40°8	38°0	45°5	218	237	86	93	NE 2	NE 2	0	2	—	Fine all day.
28	29°65	92	40°6	40°8	38°0	45°5	218	237	86	93	NE 2	NE 2	0	2	—	Fine all day.
29	29°64	92	40°6	40°8	38°0	45°5	218	237	86	93	NE 2	NE 2	0	2	—	Fine all day.
30	29°88	92	40°6	40°8	38°0	45°5	218	237	86	93	NE 2	NE 2	0	2	—	Fine all day.
Means	29°801	29°808	46°5	44°0	37°4	52°8	207	257	83°8	88°7	3°0	2°8	7°1	7°2	2°010	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

BUXTON.

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

APRIL 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.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.	40°	35°	34°	43°	in.	in.	%	%	SW 2	—	8	ins.	540
2	29°70	29°89	40°	35°	34°	43°	240	175	98	84	NW 1	—	5	—	—
3	30°03	30°24	37°	34°	29°	45°	184	163	82	83	Calm	0	1	—	—
4	30°23	30°41	31°	31°	23°	50°	153	143	58	79	Calm	0	3	—	—
5	30°09	29°07	33°	31°	20°	46°	156	149	80	85	Calm	0	3	—	—
6	29°77	29°37	35°	30°	22°	43°	143	175	68	72	Calm	0	4	—	—
7	29°17	29°34	37°	35°	31°	46°	215	231	97	98	SE 1	—	10	—	—
8	29°51	29°70	35°	36°	34°	42°	201	193	95	91	NE 2	—	10	—	—
9	29°71	29°72	36°	36°	34°	42°	216	185	79	87	N 1	—	8	—	—
10	29°66	29°60	36°	35°	34°	42°	215	211	99	100	NW 1	—	3	—	—
11	29°57	29°64	36°	35°	33°	44°	214	223	96	97	Calm	0	7	—	—
12	29°67	29°82	40°	38°	34°	41°	240	223	95	95	NE 1	—	8	—	—
13	29°85	29°90	38°	38°	38°	41°	223	223	95	95	NE 1	—	8	—	—
14	29°97	29°99	37°	38°	30°	40°	217	222	100	99	Calm	0	8	—	—
15	29°96	29°93	36°	37°	28°	40°	217	222	100	99	Calm	0	6	—	—
16	29°91	29°84	37°	35°	32°	44°	176	189	73	90	NE 1	—	8	—	—
17	29°85	29°80	35°	35°	32°	44°	193	215	93	93	NE 1	—	1	—	—
18	29°09	29°17	48°	41°	33°	50°	238	228	71	89	NE 1	—	1	—	—
19	29°31	29°32	53°	42°	28°	62°	302	272	75	99	E 6	—	3	—	—
20	29°21	29°11	52°	51°	40°	61°	217	308	55	80	Calm	0	2	—	—
21	29°02	29°03	49°	51°	41°	63°	335	303	90	94	Calm	0	2	—	—
22	29°75	29°50	51°	45°	45°	55°	325	299	64	78	SW 1	—	8	—	—
23	29°61	29°60	47°	35°	35°	54°	225	187	69	91	W 2	—	7	—	—
24	29°55	29°30	43°	45°	44°	55°	225	187	69	91	Calm	0	9	—	—
25	29°17	29°33	47°	45°	44°	55°	224	258	83	86	SE 2	—	8	—	—
26	29°48	29°62	49°	41°	41°	54°	208	241	76	92	SW 1	—	9	—	—
27	29°73	29°70	51°	41°	41°	50°	225	225	58	87	Calm	0	3	—	—
28	29°64	29°58	53°	49°	41°	54°	220	229	54	66	Calm	0	9	—	—
29	29°87	29°77	53°	47°	45°	57°	229	234	92	73	Calm	0	2	—	—
Means	29°800	29°816	43°	40°	33°	50°	227	221	81°	86°	0°	1°	6°	1°	2°001

HILLINGTON, NORFOLK.

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

APRIL 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	29°83	29°82	48°	37°	36°	50°	321	225	95	99	SW 6	N 1	10	10	202
2	30°00	30°16	43°	33°	33°	48°	266	186	95	96	NE 4	NE 1	3	0	—
3	29°27	29°22	44°	30°	29°	50°	270	168	91	98	NE 3	NE 0°5	1	0	—
4	30°07	29°04	41°	30°	26°	48°	249	155	84	93	NE 4	NE 0°5	4	0	—
5	29°79	29°51	41°	37°	25°	49°	210	212	80	94	SE 3	SE 5	7	3	—
6	29°27	29°37	43°	40°	37°	45°	203	251	93	99	SE 6	SE 3	10	6	040
7	29°47	29°58	42°	39°	37°	43°	229	229	100	94	NK 1	NE 3	10	10	077
8	29°55	29°54	40°	39°	39°	41°	234	239	92	95	NE 5	NW 5	10	10	438
9	29°50	29°49	39°	38°	38°	41°	241	233	99	99	NE 1	NW 0°5	10	10	290
10	29°51	29°47	42°	41°	37°	47°	265	258	96	100	SE 0°5	ENE 0°5	10	0	007
11	29°67	29°78	44°	38°	38°	51°	262	234	84	100	SE 1	NE 1	10	9	002
12	29°80	29°83	44°	39°	37°	50°	271	244	92	99	SE 1	NE 1	10	9	003
13	29°94	29°95	44°	34°	34°	49°	262	201	89	100	NE 1	N 0°5	9	0	002
14	29°92	29°93	43°	34°	34°	49°	244	193	83	99	N 1	N 0°5	9	0	003
15	29°89	29°82	43°	37°	30°	50°	261	225	92	97	E 2	E 2	7	0	003
16	29°72	29°97	45°	40°	37°	53°	294	247	97	99	E 3	E 1	3	0	003
17	29°09	29°19	48°	40°	39°	60°	366	256	89	97	E 0°5	NE 0°5	0	0	003
18	29°19	29°26	53°	41°	38°	60°	366	256	89	97	E 0°5	NE 0°5	0	0	003
19	29°33	29°27	58°	50°	36°	70°	427	343	88	92	W 2	SW 3	6	5	—
20	29°24	29°13	57°	53°	37°	71°	444	389	92	94	W 2	SW 3	6	5	—
21	29°07	29°09	50°	52°	45°	72°	370	331	73	84	SW 3	SW 1	4	0	—
22	29°80	29°66	50°	55°	43°	70°	366	316	93	73	SW 4	SW 6	4	0	—
23	29°65	29°68	50°	46°	43°	58°	396	287	80	93	WNW 1	SW 0°5	10	1	022
24	29°65	29°42	50°	43°	37°	61°	315	316	85	77	S 3	SE 4	10	8	026
25	29°38	29°48	54°	51°	50°	63°	370	328	85	92	S 4	SW 1	8	10	—
26	29°58	29°65	55°	49°	44°	63°	370	328	85	92	S 4	SW 1	8	10	—
27	29°72	29°76	53°	46°	41°	64°	339	298	82	95	NE 1	SE 0°5	7	0	003
28	29°71	29°78	57°	52°	49°	67°	364	356	78	92	SW 2	SW 0°5	6	10	003
29	29°85	29°78	49°	49°	43°	57°	346	360	97	100	N 1	N 0°5	10	10	186
Means	29°806	29°806	49°	43°	38°	59°	315	266	89°	94°	2°	2°	7°	4°	1°451

NOTE.—The hygrometrical results appear to be somewhat doubtful.

UPPINGHAM.

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

APRIL 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	36°	36°	45°	in.	in.	%	%	SW 2	NbyW 1	10	10	ins.	☉ ² a.
2	29°78	29°84	40°	34°	32°	48°	233	209	85	97	NbyW 2	NbyW 1	4	0	—	☉ ⁰ 9p.
3	30°00	30°18	40°	34°	32°	48°	187	167	75	84	NbyW 2	N 1	0	0	—	☉ ⁰ 7a. Cloudless all day.
4	29°27	29°22	40°	33°	29°	51°	199	167	79	89	EbyN 2	NNE 1	7	0	—	☉ ⁰ a.
5	30°07	29°05	38°	32°	28°	52°	194	154	83	84	SE 2	SE 2	8	9	098	☉ ⁰ a. Day cold and bright.
6	29°78	29°44	39°	38°	27°	48°	164	193	70	84	SE 2	ENE 1	10	10	099	☉ ⁰ 7a.—10a.
7	29°21	29°33	41°	39°	36°	51°	252	237	97	98	NbyW 2	NNW 2	10	10	032	☉ ⁰ a. ☉ ⁰ p.
8	29°47	29°61	40°	37°	35°	44°	240	210	95	93	NNW 3	N 4	10	10	—	Gloomy all day. Cutting wind.
9	29°61	29°62	37°	37°	35°	41°	201	209	80	93	NbyW 4	NW 3	10	10	011	☉ ⁰ 7.30a.—10a. ☉ ⁰ . Much warmer
10	29°57	29°56	39°	37°	35°	43°	207	205	84	92	NbyW 2	NbyW 1	10	10	092	☉ ⁰ (mist) a.
11	29°53	29°58	37°	38°	35°	43°	214	230	96	98	NE 1	N 1	10	1	086	☉ ⁰ 7a. Day overcast and cold.
12	29°66	29°78	42°	38°	36°	48°	237	218	89	96	EbyN 1	EbyN 1	10	9	—	☉ ⁰ 7a. Overcast nearly all day.
13	29°80	29°87	40°	39°	35°	48°	225	211	86	92	NE 1	NbyW 1	10	10	—	☉ ⁰ 7a. Overcast nearly all day.
14	29°94	29°96	41°	38°	35°	48°	205	220	83	90	E 2	EbyN 1	9	10	205	☉ ⁰ p.
15	29°90	29°90	42°	38°	30°	44°	205	220	77	94	NE 2	NNW 1	10	9	324	☉ ⁰ p.
16	29°78	29°96	40°	41°	36°	43°	242	230	96	89	NE 2	NNW 1	10	6	—	Cloudless from 10a.
17	29°05	29°14	40°	41°	37°	64°	258	273	70	93	NE 2	NE 1	0	0	—	Cloudless day.
18	29°18	29°28	52°	44°	35°	67°	311	268	74	60	SE 1	SSW 1	0	0	—	☉ ⁰ a. Cloudless day. ☉ ⁰ p.
19	29°31	29°26	55°	45°	39°	69°	324	268	74	60	WSW 4	WSW 2	6	9	—	Much cirrus and cir.-s. cloud.
20	29°24	29°14	55°	44°	44°	69°	237	246	50	62	SSW 3	S by W 2	7	0	—	Cloudless from 10a.
21	29°07	29°09	57°	44°	44°	69°	237	246	50	62	S by W 6	sw by ss	10	10	—	☉ ⁰ (force 8) a. Overcast p.
22	29°78	29°64	59°	41°	45°	64°	311	267	73	79	SSW 2	Calm	0	10	—	☉ ⁰ (mist) 9p.
23	29°64	29°67	50°	44°	40°	60°	270	235	73	79	SSE 4	S by E 4	10	10	082	☉ ⁰ a.
24	29°60	29°36	49°	41°	39°	53°	299	227	85	86	S by W 7	SSW 6	3	10	019	☉ ⁰ (mist) 9p.
25	29°25	29°40	53°	40°	45°	59°	332	297	82	84	SSW 4	S by W 1	9	5	—	☉ ⁰ a. Cloudless all day.
26	29°53	29°62	52°	47°	45°	58°	334	287	76	73	NNW 3	Calm	0	1	3	☉ ⁰ a. Bright sun all day.
27	29°72	29°72	52°	49°	40°	64°	309	257	76	73	SW 3	S by E 1	0	1	308	☉ ⁰ 2a. Overcast and gloomy a.
28	29°71	29°60	54°	49°	39°	64°	305	231	71	89	SW 1	WNW 1	10	10	—	☉ ⁰ 3p. ☉ ⁰ 8p.
29	29°83	29°80	50°	50°	46°	57°	352	298	97	83	NNW 4	S by W 1	1	10	012	☉ ⁰ a. Overcast and gloomy a.
30	29°86	29°77	53°	44°	44°	62°	329	311	81	73	—	—	—	—	1°88	☉ ⁰ a. Overcast and gloomy a.
Means	29°796	29°800	46°3	43°1	37°7	54°8	255	240	81°0	86°0	2°6	1°6	7°0	5°9	1°88	☉ ⁰ a. Overcast and gloomy a.

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

GELDESTON (BECCLES).

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

APRIL 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	50.1	41.1	36.6	59.0	227	234	63	91	WSW 3	NNE 3	7	10	ins.	all day. Frequent showers.
2	29.83	29.79	50.1	41.1	36.6	59.0	227	234	63	91	N 2	N 1	6	0	—	Fine day.
3	29.96	30.13	45.0	36.1	35.7	49.8	199	166	66	81	ENE 3	NE 1	6	0	—	Very fine day.
4	30.24	30.10	41.9	35.0	32.7	46.0	175	166	66	81	ENE 3	NE 1	2	1	—	Fine day.
5	30.06	29.92	42.0	34.0	33.2	44.0	180	140	68	72	E 2	ESE 1	9	8	—	Fine day.
6	29.79	29.55	42.1	40.0	26.0	46.9	184	224	69	91	ENE 1	E 1	10	7	—	Cloudy and cold.
7	29.32	29.37	45.1	42.0	39.8	46.0	232	243	77	91	SSE 5	E 1	10	10	—	
8	29.45	29.53	43.0	40.1	37.1	43.9	266	227	93	92	NNE 1	ENE 3	10	10	—	
9	29.48	29.47	41.1	39.0	38.2	43.0	245	232	92	96	N 2	N 3	10	10	—	
10	29.50	29.48	42.0	39.2	38.2	43.0	245	232	92	96	N 2	N 3	10	10	—	
11	29.65	29.57	44.0	39.2	37.9	44.9	228	236	86	98	E 1	NNE 1	9	0	—	
12	29.79	29.76	44.0	39.2	37.9	44.9	228	236	86	98	E 1	NNE 1	9	0	—	
13	29.92	29.87	44.1	42.0	38.0	49.7	245	247	84	93	E 1	NE 1	4	7	—	
14	29.92	29.87	44.1	42.0	38.0	49.7	245	247	84	93	E 1	NE 1	4	7	—	
15	29.92	29.87	44.1	42.0	38.0	49.7	245	247	84	93	E 1	NE 1	4	7	—	
16	29.74	29.89	40.0	42.0	39.9	56.9	285	245	79	92	NE 1	NNE 1	0	0	—	
17	30.03	30.08	50.1	42.0	39.9	56.9	285	245	79	92	NE 1	NNE 1	0	0	—	
18	29.13	29.24	52.0	43.0	39.5	56.3	308	273	73	73	Calm	Calm	0	0	—	
19	29.32	29.24	52.0	43.0	39.5	56.3	308	273	73	73	Calm	Calm	0	0	—	
20	29.24	29.14	51.0	44.4	38.9	70.9	300	229	56	54	WSW 1	WSW 1	1	0	—	
21	30.09	30.01	53.1	53.1	44.0	71.9	299	278	49	64	SW 2	SSW 2	0	0	—	
22	29.86	29.71	54.7	54.9	46.9	70.9	299	278	49	64	SW 2	SSW 2	0	0	—	
23	29.66	29.68	53.1	45.9	45.0	56.3	283	310	70	100	SW 1	SE 4	8	10	—	
24	29.70	29.47	50.0	49.3	49.0	61.8	325	316	75	99	SSW 4	S 3	9	3	—	
25	29.40	29.54	54.9	49.3	49.0	61.8	325	316	75	99	SSW 4	S 3	9	3	—	
26	29.63	29.67	55.8	48.9	44.8	61.7	336	307	81	99	N 1	Calm	0	0	—	
27	29.71	29.77	52.9	45.0	43.9	59.9	323	307	81	99	SSE 1	ENE 1	1	0	—	
28	29.77	29.67	56.9	51.0	38.1	60.7	375	369	81	99	SSE 1	ENE 1	1	0	—	
29	29.68	29.80	53.8	47.9	47.0	61.0	361	309	87	93	S 2	Calm	0	10	—	
30	29.83	29.78	50.8	48.1	44.9	55.8	351	331	94	98	NE 1	Calm	0	10	—	
Means	29.802	29.801	49.4	43.6	38.7	53.9	264	248	75.0	87.0	1.8	1.3	6.4	4.4	1.403	

CHELTENHAM.

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

APRIL 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	29.80	29.88	43.5	37.6	36.0	47.2	255	215	90	96	SW 2	N 2	10	10	7.20	all day.
2	30.04	30.20	40.4	37.3	34.0	48.5	199	182	80	82	NW 2	N 1	4	0	—	Fine and bright.
3	29.27	29.10	38.8	39.4	27.0	50.5	192	192	80	80	Calm	SE 1	1	0	—	Brilliant day.
4	30.05	29.91	39.9	38.5	29.0	49.2	188	186	76	80	E 2	E 3	1	0	—	Brilliant day.
5	29.76	29.31	40.5	41.6	24.2	48.0	184	232	73	89	SE 1	S 6	2	10	—	Fine day.
6	29.17	29.35	45.7	34.0	34.0	51.3	257	196	85	100	S 5	Calm	0	5	—	Very fine day.
7	29.46	29.64	44.0	41.2	34.0	51.6	241	221	83	86	E 3	E 6	5	10	—	Fine but cold.
8	29.08	29.20	40.0	41.0	37.5	44.2	217	210	88	86	NW 4	NW 3	10	10	—	Dull all day.
9	29.67	29.64	39.8	40.0	37.5	47.0	204	196	84	80	N 6	NW 2	10	10	—	Dull all day.
10	29.58	29.63	41.5	40.6	37.1	46.5	231	244	90	97	NW 3	NW 2	10	10	—	Dull, with showers.
11	29.67	29.74	39.7	44.0	39.1	47.2	212	255	95	88	N 1	N 1	10	10	—	0 showers a. Fine p.
12	29.82	29.87	41.6	38.0	36.0	48.0	243	218	93	96	N 1	N 1	10	10	—	Fine and pleasant.
13	29.95	29.94	40.1	42.5	36.2	48.1	236	237	95	87	NE 3	NE 3	10	10	—	Very fine.
14	29.94	29.90	40.6	41.4	37.0	48.0	199	214	79	83	NE 3	NE 3	10	10	—	Very fine and pleasant.
15	29.89	29.72	40.7	44.6	37.5	49.5	215	254	85	86	E 4	E 4	10	10	—	Dull and ungenial.
16	29.79	29.70	38.2	42.5	36.0	45.0	207	308	92	90	NE 4	E 1	5	0	—	Very brilliant day.
17	30.07	30.11	43.2	48.9	39.2	62.2	257	260	85	94	NW 2	NW 1	0	0	—	Brilliant day.
18	29.33	29.29	53.0	46.1	32.0	66.0	338	236	72	61	SW 1	S 1	1	0	—	Very fine and bright.
19	29.27	29.20	57.2	52.4	35.0	66.0	338	236	72	61	SW 1	S 1	1	0	—	Very fine and bright.
20	29.10	29.00	58.9	55.5	40.6	68.2	427	309	87	71	SW 4	SW 3	1	0	—	Fine, but very windy and dusty.
21	29.80	29.70	53.5	49.0	46.0	62.2	342	297	83	86	SW 5	SW 4	9	10	—	Day very fine and pleasant.
22	29.64	29.68	45.7	48.8	44.4	58.4	298	271	97	78	S 8	S 8	10	10	—	Squally all day and night.
23	29.51	29.50	49.8	51.2	37.0	55.2	303	281	90	81	S 8	S 6	10	4	—	Squally all day.
24	29.23	29.39	52.5	48.8	40.0	57.6	353	281	90	81	S 8	S 6	10	4	—	Fine and pleasant.
25	29.51	29.65	53.6	41.3	41.3	56.6	293	242	71	94	S 6	W 1	6	0	—	Fine and pleasant.
26	29.76	29.79	49.5	48.8	30.7	62.0	277	309	64	88	S 2	SW 2	3	10	—	Fine day.
27	29.67	29.58	55.2	49.6	33.2	60.1	277	309	64	88	S 2	SW 2	3	10	—	Fine day.
28	29.67	29.84	49.9	48.8	46.0	58.3	274	293	77	85	W 1	S 1	1	10	—	Fine and bright.
29	29.91	29.78	50.6	51.8	34.0	60.2	263	276	69	69	W 1	S 1	1	10	—	
Means	29.806	29.803	45.7	44.3	36.1	54.4	259	248	83.4	83.3	2.8	2.5	6.0	5.9	2.380	

APRIL 1885.

CARMARTHEN.

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

APRIL 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.		Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.				
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.					
	ins.	ins.					in.	in.	%	%	SW	2	N	1	10	4	ins.	all day. Frequent showers.
1	29.73	29.92	45.9	39.2	38.6	46.1	.399	.196	100	82	N	1	Calm	0	3	0	—	Fine day.
2	30.07	30.24	44.9	39.0	34.2	47.4	.209	.179	71	85	N	1	Calm	0	0	0	—	Very fine day.
3	29.27	29.16	46.5	39.0	28.1	52.6	.208	.199	66	84	Calm	0	Calm	0	0	0	—	Fine day.
4	30.02	29.86	42.8	35.5	29.7	48.6	.196	.184	71	89	E	3	SE	2	3	3	—	Fine day.
5	29.66	29.11	43.8	42.5	33.1	47.0	.263	.261	92	96	SE	5	SE	7	4	10	.390	Fine day. Squally after 4.30 p.
6	29.15	29.24	44.0	40.0	36.8	52.0	.243	.211	84	86	S	1	E	2	8	0	.080	6 p.
7	29.41	29.66	44.2	40.3	35.4	53.4	.223	.250	76	81	E	4	E	4	5	8	—	Fine day.
8	29.73	29.75	43.0	42.0	38.2	46.3	.204	.203	71	77	N	1	N	1	10	10	—	Cloudy and cold.
9	29.74	29.74	45.5	38.0	31.9	48.0	.204	.196	68	85	N	4	SW	2	6	4	.320	
10	29.66	29.62	43.2	43.5	37.0	50.2	.248	.250	89	92	NW	3	N	2	8	10	—	
11	29.70	29.70	46.1	43.2	39.8	49.9	.231	.244	74	87	N	2	N	3	8	10	—	
12	29.82	29.84	49.6	44.0	38.9	49.8	.252	.239	71	83	E	2	N	3	5	8	—	
13	29.91	29.93	47.7	44.0	37.0	55.1	.251	.248	76	86	E	1	E	1	2	5	.060	
14	29.84	29.84	44.6	42.2	38.3	53.4	.242	.243	82	92	E	4	E	5	2	8	.250	
15	29.78	29.95	43.8	42.0	38.0	50.0	.204	.235	71	92	NE	5	N	3	4	10	—	Fine and warm.
16	29.73	30.12	46.5	38.2	61.9	.290	.246	64	79	E	1	Calm	0	0	0	0	—	Fine and warm.
17	30.05	30.12	46.5	38.2	61.9	.290	.246	64	79	E	1	Calm	0	0	0	0	—	Very fine.
18	29.31	29.53	48.5	40.8	64.5	.321	.277	67	80	Calm	0	Calm	0	0	0	0	—	Fine day.
19	29.32	29.57	49.4	39.3	67.1	.334	.305	77	92	SW	1	S	1	1	10	10	.190	Fine day.
20	29.30	29.19	55.2	47.8	34.8	58.3	.334	.251	77	73	SW	1	Calm	0	10	5	.070	Fine day.
21	30.11	29.94	51.2	48.9	47.0	59.2	.328	.277	95	93	S	1	W	1	0	8	.340	Very fine.
22	29.75	29.69	48.9	44.9	44.5	54.3	.268	.268	73	98	N	2	Calm	0	7	3	.960	Squally p.
23	29.64	29.66	53.3	42.8	42.6	59.4	.294	.345	95	96	S	3	SE	6	10	10	.160	Squally
24	29.33	29.34	49.8	50.0	42.3	50.6	.349	.307	84	94	S	5	S	5	8	4	.010	
25	29.09	29.01	51.2	47.4	47.0	53.8	.317	.266	89	97	SW	4	Calm	0	10	0	.010	Fine day.
26	29.43	29.61	50.3	42.8	42.8	54.5	.323	.305	91	100	W	2	SW	1	5	6	.010	Frequent showers.
27	29.76	29.74	48.6	45.5	36.4	58.2	.309	.322	88	97	SE	3	SW	2	10	10	.680	
28	29.55	29.55	47.8	47.9	43.2	49.0	.294	.268	81	97	SW	2	Calm	0	10	0	.030	Fine day.
29	29.69	29.88	49.8	43.0	39.0	50.4	.330	.259	74	94	Calm	0	E	1	6	0	.040	Fine day.
30	29.89	29.75	50.0	42.2	37.2	57.8	.330	.259	74	94	Calm	0	E	1	6	0	.040	
Means	29.783	29.783	48.4	43.5	38.3	53.4	.268	.250	78.5	88.0		2.2		1.9	5.7	5.2	5.860	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

MARGATE.

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

APRIL 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	44.0	35.2	58.9	ins.	ins.	71	73	SW 3	Calm 0	0	5	ins.	Fine and bright.
2	29.91	29.79	50.8	44.0	35.2	58.9	224	214	60	73	N 3	E 3	10	2	—	Cooler. ☁ 9p.
3	29.96	30.10	42.3	41.0	40.2	45.8	212	182	80	71	N 3	E 3	10	2	—	Cold a.
4	30.20	30.16	42.1	40.0	39.2	45.0	175	184	66	74	NE 4	E 4	6	0	—	Cold a.
5	30.02	29.89	42.5	39.5	38.0	43.8	171	192	64	79	E 4	E 4	6	0	—	Cold wind.
6	29.77	29.53	45.1	43.0	37.2	47.3	232	246	78	89	ESE 1	E 2	4	7	0.010	Dull a. Fine afternoon. ☁ at night.
7	29.20	29.34	45.2	42.5	39.9	50.1	253	218	94	81	SE 2	SE 2	10	10	0.010	Dull morning.
8	29.43	29.50	44.5	41.6	36.1	47.4	250	203	86	79	SE 1	N 4	8	10	0.010	Dull morning. ☁ in afternoon.
9	29.48	29.51	41.2	41.2	39.9	42.8	232	231	88	90	N 3	NW 3	10	10	0.010	☁ a. ☁ showers.
10	29.49	29.57	40.1	40.1	39.2	42.8	229	219	93	89	NW 4	NW 3	10	10	0.010	Dull.
11	29.55	29.60	39.9	40.0	37.0	42.9	219	231	90	94	W 2	Calm 0	10	10	—	☁ before 9a. ☁ 9a. and 9p. Day
12	29.64	29.76	44.2	41.2	37.2	48.6	261	263	92	95	E 1	N 1	6	0	—	Fine and bright. ☁ fine and bright.
13	29.79	29.85	44.8	42.9	39.7	48.3	273	263	92	95	E 1	N 1	6	0	—	Fine all day.
14	29.92	29.94	43.9	40.6	39.8	46.3	235	199	83	79	NE 2	N 2	10	3	—	Fine a. Dull afternoon.
15	29.90	29.91	45.0	40.4	39.6	47.8	224	186	75	75	E 3	E 3	0	10	0.010	Fine and bright.
16	29.80	29.75	45.2	45.0	38.1	48.0	233	245	78	83	E 3	E 3	0	10	0.010	Fine all day.
17	29.73	29.85	46.1	44.3	40.8	49.9	288	270	93	93	NNE 1	NE 2	2	0	—	Very fine.
18	29.99	30.05	48.9	44.8	43.8	51.0	289	264	84	91	NNE 1	NE 2	2	0	—	Summer-like day. ☁ 9p.
19	30.11	30.22	48.1	46.1	43.1	49.5	280	278	84	90	N 2	N 2	1	0	—	Summer-like day.
20	30.33	30.30	50.9	49.9	40.3	53.6	285	230	54	54	NE 1	SW 2	0	0	—	Beautiful sunset.
21	30.29	30.28	60.8	53.8	44.7	67.5	225	252	42	61	SW 2	SW 2	5	6	—	☁ before 9a. Dull day.
22	29.90	29.81	62.3	51.1	50.1	65.8	277	295	49	79	S 3	SSW 3	9	4	—	☁ a. Fine day.
23	29.72	29.71	52.8	47.5	47.0	57.9	288	292	72	90	SSW 4	SSW 3	9	4	—	Fine day.
24	29.72	29.51	50.9	53.0	43.1	58.1	295	316	74	85	S 4	S 2	2	7	—	Fine day. Double ☁ 6.30p.
25	29.45	29.58	55.5	49.1	49.1	62.9	323	296	74	85	S 4	S 2	2	7	—	Very fine day. ☁ at night.
26	29.66	29.68	55.1	51.1	46.1	61.2	303	295	71	79	S 4	SE 3	4	10	—	☁ all day.
27	29.70	29.78	49.7	46.0	45.1	54.6	323	263	91	85	E 1	SE 2	1	9	—	
28	29.79	29.66	57.0	53.1	43.2	59.9	307	305	66	90	S 3	SE 2	1	9	—	
29	29.69	29.82	55.2	48.2	48.2	61.5	330	308	75	93	S 3	Calm 0	7	0	—	
30	29.84	29.80	50.7	49.1	40.5	54.1	330	344	91	98	Calm 0	Calm 0	10	10	—	
Means	29.810	29.808	48.6	45.2	41.4	52.8	262	253	77.5	83.3	2.2	1.9	5.7	4.1	0.920	

SOUTHAMPTON.

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

APRIL 1885.

1	29.90	29.83	51.5	38.8	38.6	56.2	207	224	71	96	SW 3	N 4	2	10	1.117	Beautiful day. ☁ after 7p. ☁ 2p.
2	30.00	30.15	41.2	39.9	37.1	52.4	199	194	76	79	NNE 4	NNE 1	10	0	—	Fine and pleasant, but with cold wind.
3	30.24	30.17	44.2	36.8	31.1	51.5	203	165	70	75	NE 4	NE 1.5	0	0	—	☁ early a. Beautiful day throughout. ☁ out, but with cold wind.
4	30.02	29.92	44.9	36.8	29.7	52.5	211	167	70	76	NE 2.5	NE 1	1	0	—	☁ early a. Beautiful day throughout.
5	29.79	29.58	42.8	45.7	27.4	48.6	199	241	72	79	SE 1	SE 5	7	10	1.488	☁ early a. Day fine and dry. ☁ from 9.30p.
6	29.25	29.29	43.1	40.9	40.2	49.6	233	216	83	85	SSE 2.5	SE 2	10	1	1.112	☁ 2 ☁ 0.10p., then fine and pleasant.
7	29.39	29.57	48.0	43.2	36.1	53.6	237	232	71	83	E 3	NNE 3.5	1	10	—	Fine and pleasant, but with cold wind.
8	29.61	29.57	41.6	42.1	39.0	45.9	206	211	79	79	N 4	N 3	10	10	—	Dull, with cold wind.
9	29.65	29.65	42.0	39.3	37.6	52.8	207	183	78	77	NNW 2.5	NW 1.5	10	9	—	Fine and pleasant, but with cold wind.
10	29.60	29.61	45.7	43.6	38.0	49.4	233	252	76	89	NW 3	NW 1	10	10	0.050	Fine and pleasant morning.
11	29.65	29.75	42.1	41.8	40.1	47.8	251	249	93	95	N 1.5	NW 1	10	10	0.070	[☁ 2 p.
12	29.80	29.83	45.2	41.8	40.0	52.8	255	245	85	92	NE 2	NE 0.5	10	0	0.077	Beautiful morning. ☁ in afternoon.
13	29.90	29.93	44.2	41.9	36.4	54.5	263	239	79	78	NE 2	NE 2.5	9	10	—	☁ on grass a. and p. Beautiful day.
14	29.89	29.86	45.4	44.8	33.1	50.6	238	230	79	78	ENE 2	SE 4	10	10	1.185	Fine and dry.
15	29.84	29.74	46.2	45.5	39.3	51.4	223	272	72	90	ENE 2	SE 4	10	10	0.632	Fine and pleasant a. ☁ 2p.—10p.
16	29.73	29.90	45.7	47.0	42.0	53.7	282	303	93	94	NE 2	N 1.5	10	10	—	Fine and pleasant. ☁ from 8p.
17	29.99	30.10	51.1	50.7	41.1	65.6	300	295	80	80	NE 3	NE 0.5	0	0	—	Delightful day throughout. ☁ n.
18	30.14	30.23	56.0	54.4	40.0	69.1	317	309	70	73	NE 3	NE 2	1	0	—	Delightfully fine and warm. ☁ n.
19	30.31	30.30	61.3	53.8	44.7	71.4	358	271	66	66	NE 1.5	SSW 1	0	0	—	Delightfully fine and very warm. ☁ n.
20	30.31	30.25	62.7	51.8	40.3	72.1	339	280	60	75	NW 1	SW 1.5	0	0	—	Delightfully fine and very warm. ☁ n.
21	30.17	30.07	61.5	51.9	41.9	67.0	283	294	52	76	SW 2	SW 0.5	0	9	—	Delightfully fine and warm. ☁ n.
22	29.89	29.76	50.7	49.8	46.2	60.9	325	320	88	89	SW 3	SW 3.5	10	9	0.015	☁ showers. ☁ on grass n.
23	29.67	29.74	51.6	49.2	47.0	58.0	325	301	85	86	SW 4	SW 2	10	0	0.042	☁ nearly all day.
24	29.61	29.54	50.2	51.0	45.0	53.9	325	346	90	92	S 4	SSE 5	10	10	1.184	Beautiful day, with ☁.
25	29.36	29.48	56.4	50.8	48.8	59.5	338	296	74	80	SSW 6.5	SSW 4	1	7	0.030	☁ nearly all day.
26	29.58	29.66	53.0	50.0	45.1	59.5	323	263	77	84	SSW 4	NW 2	2	2	—	Beautiful day throughout. Large ☁ p.
27	29.74	29.80	59.6	50.6	40.6	64.5	323	263	64	71	N 2	NW 2	2	2	—	Beautiful day. ☁ a. and p.
28	29.75	29.62	55.8	50.8	39.3	61.7	303	309	68	83	SE 2	S 1.5	0	1	0.035	Beautiful day throughout. ☁ a.
29	29.70	29.87	51.8	47.0	46.8	58.4	292	277	76	87	WNW 2	NW 2	10	1	0.040	☁ and p.
30	29.89	29.82	52.1	47.8	39.2	65.5	333	265	72	80	NW 2	SW 1.5	1	0	0.040	
Means	29.812	29.809	49.8	46.0	39.8	57.0	273	259	76.0	82.6	2.7	2.1	5.8	5.0	1.567	

ST. LEONARDS.

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

APRIL 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	46.9	43.7	39.0	49.6	ins.	ins.	84	85	S 1	WNW 1	0	8	ins.	
2	29.92	29.78	46.9	40.5	37.8	47.7	212	213	84	85	N 5	NE 3	10	3	0.015	
3	29.93	30.11	40.6	40.5	37.8	47.7	212	213	84	85	N 5	NE 3	10	3	—	
4	30.17	30.12	43.6	37.4	36.7	49.6	200	169	69	80	E 4	E 4	2	0	—	Fine day.
5	29.98	29.88	44.2	35.7	33.8	50.1	200	169	69	80	E 4	E 4	2	0	—	☁ (moderate gale) before midnight.
6	29.76	29.49	46.9	43.8	33.7	48.7	244	250	77	88	ENE 2	E 4	0	0	0.020	☁ in past n.
7	29.27	29.33	43.9	41.7	41.6	47.1	271	234	95	89	S 2	ESE 1	10	0	0.007	Squally ☁ at night.
8	29.40	29.50	46.9	41.8	38.9	51.7	258	225	81	85	ESE 2	NNE 6	1	9	0.011	Squally ☁ all day.
9	29.51	29.55	41.7	41.0	39.6	43.5	238	227	91	89	N 6	NNW 5	10	6	—	
10	29.54	29.59	42.1	41.0	40.1	46.3	234	211	88	83	NNW 4	NW 2	10	2	0.009	
11	29.57	29.59	43.5	43.5	35.0	45.4	229	203	81	93	WNW 3	WNW 3	7	10	0.018	☁ at night.
12	29.64	29.74	44.7	42.6	37.4	51.6	255	248	96	83	NNE 3	NE 3	10	0	—	☁ at night.
13	29.78	29.82	47.8	43.5	38.0	51.8	259	248	96	83	NNE 3	NE 3	10	0	—	Cloud

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

BABBACOMBE.

Height above Mean Sea Level, 293 feet. Long. 3° 31' W. Lat. 50° 29' N.
APRIL 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°6	36°7	36°5	40°7	ins.	ins.	0/0	0/0	SW 5	NNE 5	10	10	ins.	* at times 7p.-11p. U
2	29°87	29°86	40°6	36°7	36°5	40°7	260	199	83	92	N 5	N 4	8	1	—	Squally a. O° 9a. and 1p.
3	30°05	30°16	41°0	41°6	36°1	49°7	181	165	70	64	NE 3	NE 3	0	0	—	(mist) a. Cloudless day.
4	29°05	30°15	42°2	40°9	35°3	48°6	186	189	71	75	E 3	W 2	7	0	—	Greenish sky in E. p.
5	30°02	29°09	39°9	36°5	36°2	46°0	190	168	77	78	E 3	SSE 5	4	10	440	Squally p. [round sun.
6	29°76	21	42°0	44°8	31°5	47°7	196	280	72	95	SE 2	SE 2	9	6	210	● showers a. and p. Pink mist
7	21	23	41°8	40°9	36°7	48°1	223	208	85	82	E 5	ENE 5	9	9	030	● showers till 9.30a. O° 0.30p.
8	33	36	42°2	41°1	39°3	46°1	187	195	71	76	NNE 3	N 3	10	10	—	Squally a. and p.
9	69	72	42°2	41°1	39°3	46°1	187	195	71	76	NNW 3	NNW 4	7	1	—	O° 9a.—0.10a.
10	71	72	45°0	38°7	35°5	51°0	192	179	64	77	NW 3	WNW 4	10	3	—	
11	68	67	43°1	41°9	37°2	49°1	198	207	71	79	NNW 2	N 2	9	10	050	(mist) a. D p.
12	68	76	47°1	40°8	40°1	47°8	252	239	89	90	NE 3	NE 1	10	1	—	Parhelion above sun 5.50p.—6.15p. D
13	79	83	42°6	42°1	40°4	49°7	244	238	91	82	ENE 3	ENE 2	3	2	—	(mist) p. (mist) p.
14	89	86	41°8	43°1	40°0	48°0	194	231	74	82	ENE 4	E 2	10	10	540	● 3.5a.—3.10a. (mist) a.
15	82	67	42°1	45°1	40°2	45°1	213	209	80	97	E 4	E 2	10	1	—	(mist) a. and p. (and p.) D p.
16	29°72	29°05	41°2	41°0	41°0	46°9	243	233	95	01	NNE 3	NNE 3	9	2	—	D in past n. (mist) a. Very fine
17	30°04	30°10	45°1	50°2	39°3	62°3	253	301	84	83	NE 2	NW 3	0	0	—	(mist) a. Very fine day. [day.
18	18	27	53°6	51°2	43°2	63°8	274	275	67	74	NE 2	W 2	1	0	—	D n. and p. (mist) a. Very fine
19	32	32	58°6	52°2	44°2	68°7	281	244	55	75	S 1	W 1	0	1	—	D n. D p. Very fine day. [day.
20	32	25	59°6	47°5	41°2	68°7	281	244	55	75	SW 4	SSW 2	1	1	—	
21	30°16	30°03	58°9	48°4	42°1	66°3	283	281	50	83	SW 4	WSW 3	8	9	120	U 8.30p.—10p. D p.
22	29°84	29°75	53°8	47°2	46°2	58°3	330	295	80	92	WSW 3	SW 3	8	3	530	Dull day. Squally.
23	64	73	50°8	45°1	45°1	57°8	296	274	80	91	SSE 6	SSE 5	10	10	560	Squally 5a.—5p.
24	47	17	47°7	49°9	45°0	49°9	316	312	80	92	SSW 5	SW 5	7	10	130	O° 2p. D p.
25	22	40	52°4	48°6	46°3	55°0	315	312	80	92	SSW 5	W 1	8	0	—	D n. and p.
26	50	63	50°7	43°3	43°3	55°4	304	265	83	95	NNW 2	NW 1	1	3	—	(mist) p.
27	78	83	54°2	46°7	41°2	60°8	268	257	64	81	S 4	WSW 2	9	10	350	D p.
28	69	59	51°6	47°0	40°9	52°9	294	307	77	96	S 4	W 2	7	0	010	D n. and p. Moon very green at [rising 9p.
29	72	91	52°1	44°0	41°0	57°9	281	241	73	83	NNW 2	SW 2	3	1	180	
30	29°93	29°82	54°9	43°2	39°1	58°5	285	248	66	89	NNW 2	SW 2	3	1	180	
Means	29°805	29°799	47°5	44°3	40°0	53°2	249	244	75°9	85°8	3°3	2°7	6°6	4°5	3°540	

ST. AUBIN'S, JERSEY.

Height above Mean Sea Level, 139 feet. Long. 2° 10' W. Lat. 49° 11' N.
APRIL 1885.

1	30°00	29°81	49°5	46°0	38°6	55°2	265	274	74	89	SW 2	W 1	1	4	540	D a. Extremely fine and spring-like.
2	29°06	30°11	38°8	43°2	38°0	46°0	220	190	94	68	NE 2	NE 2	10	4	020	Squally n. and a. Day gloomy and cold.
3	30°17	30°12	43°8	41°1	39°0	48°2	206	186	72	73	NE 3	NE 3	5	2	—	Cold wind. Swallow seen.
4	29°08	29°09	45°8	42°1	38°8	48°8	191	210	62	78	NE 3	NE 1	4	8	—	Fine day, but with cold breeze.
5	82	38	46°0	45°5	40°0	50°0	221	202	72	96	NE 1	S 5	9	10	220	Fine day. Squally, with in evening.
6	30	29	45°0	41°5	39°4	49°8	233	211	78	81	SW 3	SE 3	4	2	—	Fine day, but with cold breeze.
7	29	50	42°0	44°3	39°0	48°8	225	207	85	70	E 4	NE 2	10	1	007	Cold wind. Overcast day.
8	65	72	44°2	44°7	40°5	47°7	222	219	76	74	N by E 3	N 2	5	10	—	Overcast day.
9	72	73	45°0	40°2	39°4	49°8	218	205	73	83	N 2	NW 1	9	4	003	D p. Cold evening.
10	73	74	46°8	45°0	37°8	52°2	253	237	80	92	NW 2	Calm 0	8	8	120	Δ a. Cold wind.
11	71	79	47°9	41°0	40°0	49°0	264	235	80	92	NW 2	Calm 0	7	0	006	● showers all day. Cold evening.
12	78	81	49°1	43°4	40°2	51°4	258	253	73	90	NE 2	NE 2	2	8	—	Δ a. Fine p. D
13	85	88	51°5	45°0	40°1	55°8	271	243	71	82	E 3	NE 2	2	8	—	Δ a. Very fine a. Overcast p.
14	86	83	49°5	44°2	42°0	52°8	254	265	71	92	NE 2	NE 2	4	0	080	Fine day. O° p. D
15	76	71	45°0	46°0	42°4	56°0	275	276	62	90	E 3	Calm 0	10	8	040	Fine double 5p. Cuckoo heard.
16	29°71	29°90	47°5	45°5	42°8	54°7	291	293	89	96	SE 2	NE 2	10	0	—	Gloomy a. Fine p. D p.
17	30°01	30°11	45°9	50°2	44°1	54°1	276	265	90	74	N 2	NW 2	10	0	—	Gloomy a. Very fine p.
18	13	23	52°7	53°3	43°9	58°2	275	292	69	71	N 3	N 3	3	0	—	Extremely fine and bright.
19	30	32	61°2	50°5	47°7	65°9	315	244	59	66	NE 1	NE 2	3	0	—	O a. Very fine day, with highest 9a.
20	37	30	58°0	52°8	45°2	63°4	286	207	59	53	NE 1	N 2	0	0	—	[temp. yet recorded here in April.
21	30°24	30°10	59°2	55°7	46°0	67°8	306	297	60	66	Calm 0	SW 2	0	0	—	Cloudless summer day, with "greatest range of temp. yet recorded here in April."
22	29°08	29°86	55°5	52°4	47°6	57°6	344	348	78	89	S 2	SW 3	2	10	012	Extremely fine day.
23	79	84	50°2	47°0	45°2	55°8	346	298	96	93	SW 3	SW 3	9	0	040	Δ a. Very cloudy. ● showers p
24	65	31	50°5	55°0	46°2	55°0	317	325	87	75	SE 3	S 3	10	10	020	Fine day. D p. U at times.
25	43	56	50°5	49°8	48°6	59°8	317	298	69	84	S 3	S 2	3	0	045	Fine day, with strong breeze.
26	63	87	53°0	46°5	45°4	57°6	317	293	79	93	N 2	N 2	7	3	—	[breeze. D p.
27	76	81	53°1	49°5	42°6	58°8	319	349	78	98	S 2	SW 1	3	10	680	Δ a. Extremely fine, but with cool
28	81	96	54°8	46°1	45°1	58°1	327	303	76	97	W 2	NW 1	4	0	—	Δ a. Fine morning. Lilac in flower.
29	78	90	54°8	46°1	45°1	58°1	327	303	76	97	W 2	NW 1	4	0	—	Extremely fine. D p.
30	29°09	29°01	54°0	45°2	44°0	56°8	306	260	73	87	NW 2	W 1	6	2	135	Δ a. and p. Extremely fine.
Means	29°838	29°829	49°9	46°7	42°6	55°8	275	261	76°4	82°1	2°3	1°9	5°7	3°8	2°073	

Earth temperature: Mean of 10 readings (taken every third day), at 1 foot, 56°7; at 3 feet, 48°2; at 6 feet, 49°2.

LONDONDERRY.

Height above Mean Sea Level, 93 feet. Long. 7° 19' W. Lat. 55° 0' N.
APRIL 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	34°	34°	50°	in.	in.	0/0	0/0	NNW 1	S 2	6	1	ins.	* ▲ showers during the day.
2	29°85	29°42	40°7	34°7	34°0	50°0	199	196	79	97	W 1	SW 1	10	10	—	* before 9a.
3	30°06	30°20	44°7	38°7	33°5	49°1	216	220	72	94	SW 2	S 1	2	7	—	
4	29°03	30°07	45°7	43°9	36°0	53°7	226	223	73	77	S 1	SSW 3	3	10	—	
5	29°55	29°50	42°7	40°7	35°3	52°6	241	199	88	79	SE 4	E 4	9	10	100	● in evening.
6	55	16	42°2	39°2	36°9	51°1	221	205	85	85	SE 2	NE 1	10	10	—	
7	58	40	42°2	42°7	36°5	50°4	241	248	90	90	SE 2	NE 1	9	9	—	Fine and clear.
8	65	84	45°5	41°7	40°2	51°3	260	235	85	89	NE 3	NE 1	9	9	—	Fine all day.
9	69	90	44°7	36°4	31°4	48°7	198	189	66	88	NE 2	N 1	3	1	—	● showers.
10	88	84	45°5	40°2	33°5	48°0	208	224	68	90	NE 1	N 1	8	6	030	● showers.
11	78	80	44°7	42°2	36°5	49°1	244	252	83	93	N 1	NNE 1	10	10	010	● nearly all day.
12	82	92	41°7	42°7	39°0	46°4	241	247	83	86	N 2	NNE 1	10	10	—	Overcast all day.
13	29°06	29°06	45°2	43°7	40°0	51°3	249	247	83	86	NNE 2	NE 1	10	10	—	
14	29°01	29°01	48°7	43°7	39°9	53°8	236	267	68	93	SE 1	E 1	4	8	—	
15	29°06	29°06	46°2	43°7	35°0	51°9	261	265	84	92	NE 1	E 2	10	10	010	
16	29°06	29°06	48°7	41°5	38°8	50°8	243	209	71	80	NE 1	Calm	0	6	—	Fine and clear all day.
17	08	08	51°2	47°7	34°0	58°1	251	267	67	81	SE 1	SSW 1	6	3	—	▲ before 9a.
18	22	27	53°2	48°8	41°8	63°0	295	283	70	81	S 1	S 1	5	0	—	Fine and clear all day.
19	23	30°07	53°7	52°0	42°1	65°0	290	238	73	62	SSW 3	SSW 5	10	10	—	
20	30°09	29°00	51°7	53°7	45°0	57°0	313	390	81	94	WSW 2	SW 3	10	10	220	
21	29°82	81	53°5	47°7	46°2	56°3	393	299	95	01	SW 3	SW 1	10	10	140	Constant ● nearly all day.
22	71	63	49°7	46°0	43°9	56°3	297	269	84	87	SW 1	S 1	10	9	040	
23	65	53	48°7	45°2	41°3	56°3	255	271	74	90	W 1	SE 1	7	6	230	
24	29°21	01	46°2	49°6	42°7	59°7	272	324	88	92	S 4	S 1	10	10	210	
25	28°83	03	51°7	48°5	45°3	57°0	287	274	75	81	S 3	SW 3	8	10	070	● showers during day.
26	29°29	46	53°7	45°2	42°7	59°0	272	247	66	83	S 2	SW 2	5	0	060	Fine till 2p. ● during the evening.
27	63	56	48°2	45°2	43°3	59°0	281	277	85	75	SW 2	SE 3	7	10	090	
28	31	37	48°4	47°6	45°0	59°3	303	267	89	81	S 2	S 1	10	0	050	
29	58	77	48°2	47°6	41°9	57°9	281	268	84	82	SW 2	SW 2	9	10	070	
30	29°83	29°63	50°0	47°3	44°0	59°6	276	271	77	84	S 2	S 1	3	2	050	
Means	29°770	29°750	47°4	44°4	39°2	54°4	259	253	79°0	85°8	1°S		1°6	7°5	7°1	1°650

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

MARKREE CASTLE, SLIGO.

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

APRIL 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	40.7	34.7	34.0	45.9	ins.	ins.	100	100	NNW 2	SSW 1	8	7	ins.	☼ showers.
2	29.89	29.97	40.7	34.7	34.0	45.9	1.88	1.92	74	95	NNW 2	SSW 1	8	4	0.020	
3	30.09	30.21	43.3	35.1	33.5	47.1	1.99	1.83	71	89	NNW 2	SE 3	7	9	—	
4	30.10	30.01	43.9	42.1	30.0	50.8	2.20	2.15	80	81	SSE 2	SE 3	4	10	0.060	
5	29.85	29.75	44.0	40.2	34.0	48.4	2.09	2.20	72	89	SSE 5	SSE 1	4	10	0.580	Boisterous ☼.
6	35	28.97	43.0	37.8	33.3	45.1	2.21	2.18	80	97	SSE 7	SE 7	10	10	—	
7	05	29.34	44.0	39.3	34.8	51.6	2.34	2.09	81	88	SE 4	Calm	8	9	—	
8	57	77	47.3	41.1	33.7	50.8	2.63	2.20	81	85	NE 2	NNE 1	9	4	—	
9	84	86	43.7	34.6	28.3	48.0	1.96	1.75	69	86	ESE 1	Calm	4	4	—	☼. ☼ gp.
10	88	84	43.0	40.3	25.7	48.3	1.81	2.08	65	84	N 2	N 1	8	6	0.020	
11	77	78	45.0	40.9	30.3	49.0	2.24	2.18	75	86	NNW 2	NNW 1	8	7	0.020	
12	79	85	42.7	43.8	39.8	46.0	2.22	2.57	81	90	NNE 1	Calm	10	10	—	Overcast all day.
13	90	91	44.5	42.0	41.1	49.0	2.42	2.33	83	88	E 2	Calm	10	10	—	Overcast all day.
14	95	94	46.3	38.2	37.5	51.9	2.39	2.02	76	88	E 0.5	Calm	9	5	—	☼ gp.
15	91	88	45.0	44.3	26.5	53.6	2.39	2.29	80	78	SSE 0.5	SE 2	5	10	—	☼ gp. ☼.
16	83	29.79	43.9	39.6	31.0	48.3	2.36	2.01	82	82	SE 1	Calm	8	4	—	☼ gp.
17	29.96	30.06	46.2	36.1	34.9	52.9	2.10	1.87	68	87	ESE 1	Calm	10	10	0.040	Overcast all day.
18	30.02	30.06	45.2	45.1	28.2	55.0	2.47	2.56	83	85	SSE 3	Calm	10	10	—	
19	21	27	53.1	44.7	43.7	61.6	3.12	2.59	77	88	SSW 1	Calm	6	3	—	
20	22	30.10	53.4	51.9	39.7	62.0	3.09	2.38	76	62	SSW 2	SSW 6	8	10	0.020	
21	30.04	29.90	52.6	52.3	47.3	55.8	3.77	3.79	95	97	SSW 2	SW 4	10	10	0.060	
22	29.83	29.79	53.1	46.0	45.2	53.7	3.68	2.87	91	93	SW 2	SSE 0.5	10	10	0.060	Overcast all day.
23	65	63	47.9	44.9	41.8	51.0	2.91	2.63	88	89	Calm	NW 1	10	8	—	
24	62	29.44	49.3	46.0	37.2	55.1	2.56	2.78	72	90	S 0.5	SE 4	10	10	0.280	
25	29.09	28.83	47.8	49.7	42.3	57.6	3.17	3.26	95	92	SSE 3	SE 4	9	10	0.030	
26	28.75	29.02	45.4	47.0	45.0	54.1	2.96	2.80	98	87	SSW 4	S 2	9	10	0.120	
27	29.28	29.46	49.0	45.1	40.5	56.1	2.66	2.45	75	72	WSW 2	SE 4	8	10	0.170	
28	64	50	49.6	48.3	42.5	56.6	2.66	2.45	75	72	WSW 2	SE 4	8	10	0.080	
29	53	51	45.3	40.0	34.1	54.1	2.91	2.77	77	92	WSW 2	SSE 0.5	9	9	0.010	
30	29.79	29.52	50.2	46.9	38.4	54.7	2.45	2.61	68	82	S 4	SSE 4	8	10	0.240	
Means	29.723	29.717	46.8	43.0	37.0	52.5	2.56	2.41	79.3	86.2	2.3	1.8	8.4	8.1	2.270	

DUBLIN.

Height above Mean Sea Level, 54 feet. Long. 6° 15' W. Lat. 53° 20' N.

APRIL 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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	29.84	30.00	43.2	35.8	35.3	49.8	2.30	1.73	87	83	NNW 3	NNW 2	10	0	0.010	☼ early a. ☼ (sleet) a. [Cloudless p.]
2	30.11	30.29	40.0	38.9	33.6	48.0	1.85	1.86	75	80	NW 2	Calm	0	0	—	☼ a. Cirrus moving from NW.
3	30.28	30.14	39.6	38.8	32.2	49.7	1.94	1.74	80	75	Calm	Calm	0	0	—	☼ (mist) a. Day bright, with cool [wind.]
4	29.99	29.85	44.5	40.0	34.5	48.6	1.79	1.83	61	74	SSE 2	SE 2	1	3	—	Squally ☼ a. and p. ☼ from 3p. Bright from 10a., with cool wind.
5	57	07	44.6	41.4	39.0	45.6	2.01	2.45	69	95	SSE 5	SE by S 8	6	10	0.484	
6	52	31	45.0	44.0	38.7	50.6	2.29	2.41	77	83	SSE 2	E 3	8	10	0.010	
7	53	75	45.8	44.2	41.8	47.7	2.40	2.12	81	73	ESE 4	E 4	9	0	0.020	Cloudy and cold. Searching wind.
8	84	83	42.0	40.7	37.9	45.3	1.74	1.95	67	78	ESE 3	NE 2	1	0	—	☼ a. Day very fine and bright. ☼ p.
9	83	79	41.8	40.8	32.4	49.7	2.06	2.00	79	79	N 2	N 2	1	0	—	☼ a. Day very fine and bright. ☼ p.
10	73	73	43.2	44.2	34.8	48.6	2.10	2.63	76	91	N 3	N 2	6	10	0.033	Cloudy day.
11	75	84	42.0	44.4	39.9	45.9	2.26	2.60	86	89	N 2	NNE 2	10	10	—	Very dull and cold throughout.
12	90	91	44.8	45.4	43.2	49.7	2.49	2.53	85	84	ESE 3	E 2	10	10	0.030	Very dull a. Searching wind. ☼ (mist).
13	95	97	46.9	43.8	42.9	51.2	2.57	2.49	81	88	E 2	E 2	9	0	—	Milder a. ☼ p.
14	93	91	44.5	42.3	36.3	50.6	2.20	2.39	74	83	E 2	E 2	9	10	—	☼ a. ☼ (mist) p.
15	87	29.80	45.0	44.0	37.9	50.7	2.20	2.39	74	83	E 2	E 2	9	10	0.010	☼ a. ☼. Day cold and bleak.
16	29.92	30.06	43.5	44.4	41.2	44.8	2.07	2.35	74	81	NE 3	NNE 2	10	10	0.010	☼ a. Cirrus from SW. p. ☼ p.
17	30.09	30.10	47.4	47.1	42.4	55.5	2.64	2.50	82	77	ESE 2	Calm	0	0	—	☼ (mist) a. ☼ p.
18	23	31	51.5	49.0	40.2	59.3	2.81	2.95	74	85	W 2	Calm	0	0	—	☼ (mist) a. ☼ p.
19	32	30	52.0	55.3	40.4	66.1	2.84	2.84	74	84	WNW 2	SW 4	1	5	—	Brilliant and very warm. [Squally ☼]
20	30.17	30.02	59.0	56.1	50.9	63.6	3.61	3.78	73	84	SW 3	SW 5	7	9	—	Very fine and warm a. Threatening p.
21	29.92	29.85	58.0	48.9	48.8	59.0	3.74	3.25	78	95	SW 4	WSW 2	10	2	0.410	Steady ☼ from 1p. ☼ till 5p. Bar. 29.60 4p.
22	66	65	46.7	44.2	44.1	49.2	3.00	2.55	95	89	NNE 2	WNW 2	10	2	0.410	☼ till 5p. Bar. 29.60 4p.
23	67	29.58	48.0	46.6	40.1	55.1	2.74	2.58	83	83	WNW 2	SSE 3	4	2	0.334	Cold n. Very fine a.
24	29.21	28.99	48.2	48.9	44.9	53.5	3.25	3.33	97	94	S by E 5	SSE 6	10	10	0.588	Squally (gale) ☼ early a. ☼ p. [Squally. Bar. 28.85 Midt.]
25	28.92	29.14	50.1	48.0	46.3	56.0	2.77	2.65	77	80	S 4	SW 3	7	9	0.086	Very fine ap.—7p., then ☼ showers.
26	29.35	29.55	53.0	44.3	43.5	55.3	2.53	2.68	66	92	SSW 1	SW 2	6	6	0.120	Very fine and bright.
27	71	67	51.0	49.9	42.4	58.7	2.74	2.51	89	73	SSE 4	SSW 2	10	0	0.014	Squally ☼ a. Very bright day, but
28	40	45	48.7	48.8	47.2	58.4	3.02	2.51	89	73	W by S 5	WSW 2	4	1	0.010	Very fine and bright a. [Cool in evening.]
29	62	83	52.1	47.9	43.9	57.0	2.58	2.64	67	80	W by S 5	WSW 2	4	1	0.010	Very fine and bright.
30	29.89	29.68	50.6	46.1	42.1	57.6	2.52	2.44	70	79	S 4	SSE 3	6	5	0.132	Very fine and bright.
Means	29.777	29.775	47.9	45.1	40.6	52.7	2.51	2.47	77.7	81.9	2.6	2.4	6.3	4.8	2.911	

APRIL 1885.

PARSONSTOWN (BIRR CASTLE).

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

APRIL 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°8	32°5	32°0	49°8	in.	in.	80	95	NW	1	N	1	6	0	ins.	☼ ☼ p.
2	29°60	30°06	41°8	32°5	32°0	49°8	2°11	1°75	79	96	SW	0°5	Calm	0	3	0	—	
3	30°15	30°26	43°1	36°0	29°9	49°8	2°22	2°03	73	85	SSW	0°5	SSE	2	1	0	—	
4	30°27	30°11	44°8	37°8	28°7	54°1	2°16	1°92	73	78	SSE	1	SE	2	4	10	0°103	☼ (mist) a.
5	29°91	29°80	45°0	40°5	32°3	49°5	2°33	2°31	78	92	SE	2	SE	2	6	5	0°517	☼ (mist) gp.
6	41	01	46°2	36°2	34°9	47°9	2°38	2°01	77	94	SE	1	Calm	0	6	7	0°52	☼ p. ☼ (mist) gp.
7	06	31	46°5	39°5	34°6	50°3	2°55	2°12	82	88	SE	1	Calm	0	4	0	—	
8	54	76	45°5	38°8	34°0	50°1	2°48	2°22	82	89	SE	1	Calm	0	4	0	—	
9	84	85	42°8	35°4	30°0	47°4	2°13	1°84	78	89	ENE	1	Calm	0	1	0	—	☼ (mist) gp.
10	88	86	42°0	38°2	29°4	48°0	2°23	2°12	84	93	N	1	NNW	0°5	2	0	—	
11	80	77	44°8	42°2	32°5	50°7	2°16	2°43	73	90	NNW	2	NNW	0°5	6	10	0°020	☼ (mist) p.
12	79	85	42°8	43°0	32°1	50°8	2°36	2°66	86	96	NNW	1	N	1	10	10	—	
13	89	92	43°7	40°8	40°0	50°5	2°56	2°28	89	90	NE	1	NNE	1	10	9	—	☼ (mist) gp.
14	94	95	45°6	42°1	39°0	53°0	2°66	2°42	87	90	ENE	1	NE	1-2	10	9	—	☼ (mist) gp.
15	93	91	48°4	43°3	29°0	49°4	2°58	2°48	86	88	Calm	0	ESE	1	0	10	—	☼ (mist) a. and p.
16	85	29°79	42°8	42°7	29°2	49°4	2°27	2°36	83	86	SE	1	Calm	0	10	10	—	☼ (mist) a. and p.
17	29°94	30°06	43°5	39°5	31°3	47°9	2°46	2°12	86	88	NE	0°5	Calm	0	4	9	—	☼ (mist) a.
18	30°08	30°11	45°0	40°5	36°1	51°7	2°33	2°74	78	88	SE	2	ESE	1	10	10	—	☼ (mist) gp.
19	24	33	51°0	45°6	42°2	61°9	3°33	2°66	86	87	Calm	0	E	1	10	0	—	
20	32	22	53°9	50°8	35°6	65°4	3°01	2°74	72	74	S	1	SW	2	3	10	—	
21	30°14	30°02	55°6	55°7	49°0	59°3	3°80	3°95	85	80	SSW	2	SSW	1-2	10	10	0°028	
22	29°90	29°86	57°8	45°8	45°1	58°1	3°86	2°99	81	97	SSW	4	Calm	0	10	10	0°783	
23	68	67	45°1	42°2	42°3	49°2	2°86	2°68	95	97	Calm	0	Calm	0	10	8	0°168	
24	67	29°53	48°8	44°7	33°0	52°9	2°80	2°60	81	90	Calm	0	SE	3	8	10	0°053	☼ (mist) gp.
25	29°14	28°83	52°5	50°0	42°2	58°2	3°36	3°39	85	94	S	1	SSE	4-5	9	10	0°310	Squally p.
26	28°54	29°11	52°9	46°6	44°8	55°1	3°15	2°90	79	92	SSE	1	SSW	2	5	10	0°294	
27	29°33	55	40°6	42°9	40°2	54°2	2°87	2°48	82	90	SW	1	SSW	1	8	4	0°133	
28	71	60	52°8	47°5	39°0	58°4	3°01	2°71	75	83	SW	2	SSE	3	9	10	0°206	
29	29	40	47°8	44°9	44°2	58°1	3°12	2°54	94	86	SW	4	SE	2	10	1	0°019	☼ (mist) gp.
30	61	86	48°3	44°0	40°0	53°5	2°99	2°65	89	92	SW	1	SW	1	6	4	—	
31	29°87	29°59	52°0	47°0	38°0	56°1	2°62	2°96	68	92	S	1	SSE	1-2	7	10	0°301	
Means	29°763	29°764	47°3	42°8	36°4	53°3	2°69	2°50	81°8	90°2	1°2	1°2	6°6	6°7	3°001			

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

DUNROBIN CASTLE.

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

MAY 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	45°2	42°9	46°7	ins.	ins.	285	280	94	93	SE	SE	—	Dull, with ☉.
2	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold.
3	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
4	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
5	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
6	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
7	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
8	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
9	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
10	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
11	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
12	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
13	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
14	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
15	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
16	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
17	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
18	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
19	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
20	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
21	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
22	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
23	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
24	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
25	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
26	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
27	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
28	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
29	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
30	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
31	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	Dull and cold. ☉ showers.
Means	29°59	29°59	44°4	45°4	43°2	47°5	29°59	29°59	285	280	94	93	SE	SE	—	4°00

BRAEMAR.

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

MAY 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 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°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	Dull, with ☉.
2	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	Dull, with ☉. Fine p.
3	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ (sleet), and ☉.
4	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
5	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
6	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
7	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
8	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
9	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
10	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
11	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
12	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
13	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
14	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
15	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
16	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
17	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
18	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
19	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
20	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
21	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
22	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
23	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
24	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
25	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
26	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
27	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
28	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
29	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
30	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
31	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	☉ showers.
Means	29°51	29°51	43°4	41°6	39°5	48°3	29°51	29°51	216	216	91	82	NE	1	10	4°60

MAY 1885.

LAUDALE.

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

MAY 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	51°0	44°1	42°7	51°5	in.	in.	202	241	78	82	S	3	10	7	ins.
2	29°53	29°46	46°0	48°0	41°1	55°0	29°53	29°46	202	241	78	82	SSW	3	10	9	310
3	29°53	29°46	46°0	48°0	41°1	55°0	29°53	29°46	202	241	78	82	SE	7	10	9	☉ ² ga. ☉ ⁰ showers p.
4	29°53	29°46	46°0	48°0	41°1	55°0	29°53	29°46	202	241	78	82	SE	7	10	9	☉ ⁰ Overcast all day.
5	29°53	29°46	46°0	48°0	41°1	55°0	29°53	29°46	202	241	78	82	SE	5	10	9	☉ ⁰ Very cold day. Snow on hills till noon.
6	29°53	29°46	46°0	48°0	41°1	55°0	29°53	29°46	202	241	78	82	SE	5	10	9	☉ ⁰ ☉ showers p.
7	29°53	29°46	46°0	48°0	41°1	55°0	29°53	29°46	202	241	78	82	Calm	0	10	8	☉ ⁰ Bright grey ☉ round sun ga. ☉ ▲ p.
8	29°53	29°46	46°0	48°0	41°1	55°0	29°53	29°46	202	241	78	82	NE	3	10	8	☉ ⁰ ☉ showers.
9	29°53	29°46	46°0	48°0	41°1	55°0	29°53	29°46	202	241	78	82	Calm	0	10	8	☉ ⁰ ☉ p. Deep snow on hills.
10	29°53	29°46	46°0	48°0	41°1	55°0	29°53	29°46	202	241	78	82	Calm	0	10	8	☉ ⁰ ☉ (sleet) showers.
11	29°53	29°46	46°0	48°0	41°1	55°0	29°53	29°46	202	241	78	82	W	3	10	8	☉ ⁰ ☉ ² ☉ ² (sleet) showers.
12	29°53	29°46	46°0	48°0	41°1	55°0	29°53	29°46	202	241	78	82	NW	2	10	8	☉ ⁰ ☉ ^{0</}

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

ROTHESAY.

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

MAY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.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.	48°	44°	43°	40°	in.	in.	%	E	2	—	—	ins.	Dull day. ● p.
2	29°54	29°48	45°	47°	42°	38°	29°57	29°50	96	SE	1	—	—	005	T in the East 1p.
3	56	70	45°	47°	42°	38°	29°57	29°50	96	SE	1	—	—	—	Dull, blowy, and cold.
4	82	88	46°	41°	41°	49°	29°51	29°58	93	NE	2	—	—	—	Blow and cold.
5	80	77	44°	39°	38°	48°	29°58	29°59	77	NE	2	—	—	090	▲ and * (sleet) p.
6	66	59	45°	38°	32°	52°	29°57	29°56	73	NE	1	—	—	170	T in N, and ▲ showers 3-30 p.
7	52	57	46°	39°	33°	51°	29°50	29°51	67	NE	1	—	—	070	Chilly.
8	64	75	49°	37°	30°	50°	29°50	29°50	63	SE	1	—	—	110	Chilly, with ● showers.
9	80	66	40°	39°	32°	46°	29°50	29°51	89	SW	1	—	—	225	(fierce blasts) with * a. Day dull and blowy, with ● showers.
10	66	48	44°	39°	37°	50°	29°51	29°51	73	SW	1	—	—	035	▲ and * (sleet).
11	29°75	29°52	39°	30°	35°	49°	29°51	29°52	92	W	1	—	—	113	Clear, breezy, and fine.
12	30°12	30°33	48°	37°	36°	51°	29°50	29°51	66	NW	2	—	—	115	Dull, with ●.
13	30°15	29°55	40°	42°	33°	47°	29°50	29°51	88	NE	1	—	—	030	Fine day.
14	29°51	29°44	47°	43°	37°	57°	29°50	29°51	74	NE	1	—	—	100	
15	80	91	44°	40°	37°	52°	29°50	29°51	83	NW	2	—	—	200	▲ * (sleet) showers. < 9.30p.
16	84	67	46°	44°	37°	50°	29°50	29°51	87	SW	2	—	—	005	(fierce blasts) * (sleet) and ●.
17	66	72	49°	44°	38°	52°	29°50	29°51	71	NW	2	—	—	005	Blow and cold.
18	29°57	29°53	53°	46°	41°	57°	29°50	29°51	69	NNE	2	—	—	—	Fine day.
19	30°00	29°59	48°	42°	36°	52°	29°50	29°51	64	NE	1	—	—	070	Cold and overcast.
20	29°50	29°51	47°	45°	35°	57°	29°50	29°51	72	E	2	—	—	380	Dull, with ●.
21	42	27	46°	44°	42°	48°	29°50	29°51	88	E	2	—	—	065	Dull a.
22	17	20	50°	45°	40°	53°	29°50	29°51	81	SE	1	—	—	—	
23	24	41	49°	41°	41°	52°	29°50	29°51	80	SSE	1	—	—	206	Fine and warm. ● p.
24	49	65	50°	47°	35°	56°	29°50	29°51	76	SSE	1	—	—	—	Fine and warm.
25	83	93	52°	44°	43°	56°	29°50	29°51	74	NW	2	—	—	—	Fine and warm.
26	89	84	56°	46°	40°	60°	29°50	29°51	71	S	1	—	—	136	Overcast p.
27	83	82	56°	50°	41°	60°	29°50	29°51	69	SSE	1	—	—	130	Dull day.
28	76	68	50°	50°	40°	59°	29°50	29°51	95	SSE	2	—	—	—	Dull day. (gale).
29	61	59	51°	51°	49°	59°	29°50	29°51	96	S	2	—	—	210	Dull, with ● showers.
30	62	70	51°	47°	46°	59°	29°50	29°51	92	S	3	—	—	030	Blow and chilly.
31	79	29°86	51°	48°	44°	57°	29°50	29°51	95	SW	4	—	—	—	
Means	29°730	29°739	48°	44°	39°	53°	29°50	29°51	78°	85°	1°	—	—	2°065	

PINMORE.

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

MAY 1885.

MAY 1885.

1	29°53	29°49	50°3	44°1	40°4	52°1	29°57	29°58	82	89	S	0°5	SE	3	10	8	040	
2	56	70	47°7	40°6	40°4	52°1	29°57	29°58	79	86	S	0°5	Calm	0	8	4	030	
3	78	85	44°4	42°9	40°6	54°4	29°57	29°58	56	81	S	4	SE	3	4	4	020	
4	75	73	45°5	41°0	41°0	50°0	29°57	29°58	70	76	NE	4	NE	3	8	6	—	
5	67	58	48°1	39°6	29°5	53°1	29°57	29°58	64	81	Calm	0	Calm	0	0	2	—	
6	53	59	46°9	34°3	34°0	52°1	29°57	29°58	63	81	Calm	0	Calm	0	2	0	—	
7	66	75	44°2	39°6	25°5	51°6	29°57	29°58	65	73	Calm	0	N	3	4	0	010	
8	83	77	43°2	41°0	30°5	48°8	29°57	29°58	75	87	NW	4	SW	4	0	6	200	
9	75	58	44°4	41°2	37°4	47°7	29°57	29°58	75	79	SW	4	SW	6	9	4	440	
10	29°79	29°54	42°6	41°0	36°5	47°2	29°57	29°58	78	84	SW	4	N	4	8	0	030	
11	30°15	30°26	51°0	41°0	37°4	53°1	29°57	29°58	68	71	N	3	N	1	8	0	—	
12	30°18	29°58	47°3	41°6	39°5	53°4	29°57	29°58	65	86	N	3	Calm	0	10	10	450	
13	29°51	29°55	45°9	43°0	38°4	50°3	29°57	29°58	78	86	S	3	Calm	0	1	5	—	
14	89	95	46°8	43°0	31°5	51°1	29°57	29°58	76	84	SW	3	SW	3	10	4	—	
15	90	74	46°9	42°0	36°5	52°1	29°57	29°58	82	94	SW	3	SW	1	8	10	410	
16	70	76	47°5	45°5	39°8	54°1	29°57	29°58	81	81	W	4	NW	4	10	3	050	
17	29°59	29°58	48°1	44°0	41°4	56°1	29°57	29°58	78	79	N	4	Calm	0	9	10	050	
18	30°01	30°03	49°7	37°4	32°0	52°1	29°57	29°58	67	97	NE	1	Calm	0	5	0	—	
19	29°51	29°52	49°8	43°9	30°5	55°1	29°57	29°58	69	87	NE	3	Calm	0	8	10	160	
20	43	22	47°7	44°0	43°9	50°1	29°57	29°58	79	91	Calm	0	S	1	10	10	070	
21	21	24	46°7	45°2	39°4	49°2	29°57	29°58	80	93	SW	1	Calm	0	9	10	050	
22	28	45	50°8	42°0	42°0	53°0	29°57	29°58	73	94	SW	1	SW	1	8	4	050	
23	52	68	45°4	45°5	34°0	53°0	29°57	29°58	82	89	W	1	Calm	0	10	10	090	
24	87	98	48°8	41°1	41°1	56°1	29°57	29°58	79	89	W	4	Calm	0	9	0	—	
25	90	87	58°5	45°2	35°5	60°6	29°57	29°58	65	93	S	3	Calm	0	—	—	—	
26	85	86	51°8	50°8	33°0	56°1	29°57	29°58	303	76	S	3	Calm	0	—	—	120	
27	79	74	51°4	50°9	46°7	52°3	29°57	29°58	94	91	S	4	SW	4	—	—	250	
28	65	67	51°0	50°8	41°4	53°5	29°57	29°58	339	97	S	4	S	6	—	—	050	
29	71	77	52°3	42°0	42°0	58°1	29°57	29°58	85	94	S	4	Calm	0	—	—	—	
30	86	29°92	51°9	48°9	39°4	57°5	29°57	29°58	68	88	SW	4	W	1	—	—	—	
31	29°90	30°15	52°0	48°9	45°1	57°7	29°57	29°58	304	84	88	NW	4	NW	4	—	—	—
Means	29°756	29°769	48°3	43°3	37°3	53°2	29°57	29°58	75°5	85°6	2°6	—	—	1°7	—	—	2°680	

▲. Plants damaged by frost.

▲ showers.

▲ showers a.

Very cold at night.

▲. (3.40p.) K 9.30p.

Squally all day.

a. Calm evening.

MAY 1885.

SCALEBY (NEAR CARLISLE).

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

MAY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	46°	46°	45°	50°	in.	in.	%	%					ins.		
1	29°53	29°49	46°	46°	45°	50°	302	272	97	87	E	4	Calm	0	10	10	600
2	57	66	49°	47°	46°	56°	241	261	69	80	SE	2	SE	1	10	10	020
3	76	81	47°	41°	40°	50°	306	242	94	93	NE	4	NE	4	10	10	—
4	65	67	42°	39°	39°	45°	231	196	80	81	NE	5	NE	5	10	10	—
5	58	53	44°	40°	31°	49°	213	174	73	85	NE	3	Calm	0	10	10	—
6	45	51	44°	35°	30°	52°	196	189	67	92	E	2	N	1	9	1	030
7	61	67	45°	35°	27°	51°	224	193	68	94	NW	2	Calm	0	5	2	030
8	81	78	44°	42°	28°	49°	196	217	68	82	W	3	W	2	6	3	060
9	73	62	45°	41°	38°	50°	235	223	76	86	W	3	W	4	6	5	120
10	29°76	29°83	40°	35°	35°	49°	214	196	85	96	W	2	Calm	0	8	1	230
11	30°09	30°19	42°	48°	31°	53°	262	160	95	47	W	3	N	2	8	10	—
12	30°16	29°57	44°	43°	29°	53°	213	221	73	79	S	3	NW	3	2	8	070
13	29°80	29°51	46°	39°	37°	54°	269	268	82	97	SW	2	NE	2	10	5	020
14	86	86	47°	43°	34°	50°	272	288	87	SW	3	SW	4	8	3	130	
15	89	69	48°	46°	34°	52°	296	271	88	86	SW	4	W	2	0	1	300
16	61	63	47°	44°	39°	55°	251	252	80	93	NE	6	NE	1	10	3	030
17	75	90	49°	42°	41°	50°	351	252	95	82	NE	5	NE	3	9	10	—
18	94	99	47°	43°	34°	54°	308	231	72	80	SE	2	NE	2	8	10	—
19	92	74	47°	43°	35°	53°	232	261	72	80	SE	2	SE	2	10	10	310
20	44	22	41°	43°	41°	48°	226	273	87	97	E	4	S	4	10	10	070
21	19	26	45°	45°	39°	40°	200	262	60	90	SW	3	SW	2	8	3	—
22	26	40	48°	44°	44°	52°	257	255	72	87	W	3	S	3	7	5	040
23	49	61	50°	44°	39°	54°	257	277	91	95	W	3	SW	2	10	3	—
24	80	93	48°	44°	41°	57°	325	277	87	90	SW	2	SW	2	8	0	040
25	90	84	51°	46°	37°	59°	325	306	73	81	S	2	Calm	0	3	8	150
26	83	83	53°	51°	36°	59°	395	390	90	94	W	1	Calm	0	10	10	020
27	83	77	51°	54°	40°	59°	336	390	90	94	W	1	Calm	0	8	6	—
28	68	70	58°	54°	51°	65°	362	321	75	76	SW	5	SW	2	7	10	050
29	69	76	56°	50°	49°	61°	324	295	71	81	S	4	SW	4	7	10	—
30	84	29°87	50°	49°	44°	57°	362	305	72	87	W	5	W	5	5	10	—
31	29°91	30°09	55°	49°	44°	57°	316	283	73	81	W	5	W	2	4	4	010
Means	29°723	29°732	47°6	44°6	38°4	53°4	263	253	79°7	85°9	5°3	2°1	7°7	6°0	2°380		

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

CRONKBORNE (DOUGLAS), ISLE OF MAN.

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

MAY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.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.	49.7	46.3	43.1	51.6	286	295	81	95	SE 4	ESE 2	3	8	ins. Dull from 10 a.m. with showers. Δ p.
2	29.48	29.47	49.7	46.3	43.1	51.6	286	295	81	95	ESE 2	ESE 2	6	8	Very fine. Δ a. and p.
3	29.54	29.53	50.3	47.1	43.3	52.2	281	282	77	78	E 4	ENE 5	7	9	Fine afternoon. [Δ] (mist) p.
4	29.70	29.75	53.1	45.0	44.2	54.2	270	260	68	87	NE 5-6	NE 5-6	10	10	Squally (force 7) Δ a. Squally
5	29.64	29.63	43.7	42.0	41.0	46.0	249	235	87	89	ENE 5-6	ENE 5-6	10	10	Fine day. Δ p.
6	29.60	29.51	45.0	40.5	39.2	50.3	209	200	70	80	ENE 4-5	NNW 2	6	4	Snow on mountains. Overcast a. Δ p.
7	29.46	29.52	42.0	37.9	37.9	49.0	212	188	80	75	NNW 2	NNW 2	10	3	* Δ 8.15 a. - 8.45 a. T.
8	29.63	29.76	42.0	40.1	38.6	50.1	212	188	80	75	WSW 1	NW 4	7	3	Squally Δ p. Δ 2 p. Δ 2 showers.
9	29.77	29.69	46.7	42.0	39.1	50.2	227	182	72	69	W 5	W 6-7	7	2	Squally Δ a. and p. Δ 2 after 11 a. * Δ p.
10	29.81	29.89	46.1	39.2	37.6	48.8	249	210	80	88	W 7	WNW 1	4	2	Very fine. (force 6) in afternoon.
11	30.11	30.22	52.0	41.5	39.2	53.8	258	209	67	80	NNW 4	NNW 3	2	1	Fine a. Cloudy p.
12	30.16	30.27	46.5	44.9	33.4	52.8	241	248	77	84	SSW 1	Calm	0	10	Fine day.
13	29.84	29.91	48.8	44.0	40.4	54.9	243	259	70	90	SSW 1	Calm	0	7	Dull a. Fine afternoon.
14	29.87	29.90	51.3	43.6	34.1	54.3	233	242	85	5	W 3	NW 5	8	3	Squally (force 6). Δ 2 p.
15	29.89	29.75	49.4	47.0	40.0	52.4	283	265	84	85	SW 4	W 2	9	7	Squally Δ a. and p.
16	29.69	29.74	48.6	46.3	42.2	55.8	287	265	84	85	WNW 6-7	NW 6	4	7	Squally till 3 p., then overcast. Δ 2.
17	29.81	29.93	52.2	43.4	41.6	57.3	277	272	71	97	NNW 7	WNW 2	5	10	Δ p.
18	29.96	30.01	46.5	38.8	38.8	52.7	245	216	78	92	NE 3	Calm	0	8	Dull and overcast. Δ (mist) p. [p.
19	29.68	29.68	50.3	46.0	37.4	53.0	301	287	84	93	E 2	E 2	8	10	Δ showers. Day dull. Δ (mist)
20	29.41	29.17	43.7	44.5	42.4	48.3	276	294	96	100	SW 3	SW 2	10	10	Very fine. Δ p.
21	29.19	29.23	45.0	46.6	43.0	51.1	294	303	98	96	WSW 3	W 2	8	10	Squally Δ a. Dull a. Very fine p. Δ .
22	29.27	29.44	51.3	46.7	42.5	53.9	322	295	85	93	WNW 2	W 2	8	10	Δ p.
23	29.31	29.64	48.7	45.0	37.3	50.3	299	294	87	98	W 4	NW 3-4	6	10	Very fine. Δ p.
24	29.86	29.95	52.0	48.5	43.5	57.2	356	319	92	94	WNW 5	WSW 1	2	6	Squally Δ a. Dull a. Very fine p. Δ .
25	29.88	29.84	50.4	44.8	42.6	55.8	351	280	96	95	SW 5-6	Calm	0	10	Δ p.
26	29.84	29.84	51.3	50.0	37.6	57.2	354	348	94	97	S 1	Calm	0	10	Δ all day. [(force 7). Dull.
27	29.81	29.75	50.0	51.0	48.1	51.6	361	374	100	100	SSE 2	S 3	10	10	Δ (mist) a. and p. Squally
28	29.67	29.69	52.7	51.0	51.0	56.3	387	361	97	97	SSW 4-5	WSW 2	8	3	Δ (mist) a. and p. Squally
29	29.69	29.79	53.6	48.6	48.6	56.2	388	332	95	97	SSW 4-5	WSW 2	8	3	Very fine. [(force 8 at times) p.]
30	29.88	29.91	52.0	49.1	47.2	55.4	359	311	92	93	SW 4	Calm	0	7	Fine day.
31	29.01	29.13	54.0	52.0	39.0	59.3	368	356	88	92	W 4-5	Calm	0	4	Fine day.
Means	29.732	29.747	48.8	44.9	40.7	53.0	288	271	83.0	89.7	4.0	2.3	7.0	6.5	2.228

STONYHURST.

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

MAY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	29.56	29.53	48.2	46.8	45.0	54.6	241	207	72	93	S 1	SW 1	10	10	0.88
2	29.60	29.68	50.0	47.8	39.9	55.5	265	256	74	77	SSE 2	Calm	0	9	0.78
3	29.75	29.75	50.0	43.0	41.6	57.2	265	236	74	85	NE 2	NE 1	8	10	1.02
4	29.59	29.64	43.9	41.0	40.4	51.2	229	197	79	77	NE 3	NE 2	10	10	0.20
5	29.61	29.52	44.1	41.4	36.2	50.5	196	194	68	75	E 1	Calm	0	10	2.10
6	29.45	29.53	44.9	39.0	35.9	48.8	198	226	67	95	NE 2	N 1	8	10	1.00
7	29.63	29.77	44.5	37.4	31.9	48.7	204	186	70	84	W 1	NNW 1	9	10	0.73
8	29.87	29.85	46.0	42.0	31.5	48.8	190	222	61	84	W 2	SW 1	6	10	0.89
9	29.81	29.71	47.1	43.3	39.4	50.1	231	251	72	90	W 4	SW 1	7	5	2.10
10	29.84	29.85	45.5	37.2	36.8	46.4	248	199	89	90	W 5	NW 1	7	5	0.10
11	30.11	30.19	45.0	42.2	33.3	52.0	183	210	62	79	NNW 2	NW 2	8	0	0.10
12	30.18	30.00	47.0	42.1	31.2	51.9	211	207	64	78	S 1	Calm	0	5	10
13	29.86	29.91	50.1	41.9	34.3	54.6	223	218	63	83	NE 1	NE 1	6	0	0.37
14	29.90	29.91	45.3	43.7	31.7	52.5	222	235	66	82	SW 1	W 1	10	2	3.30
15	29.94	29.79	45.8	48.1	37.7	53.3	223	289	65	86	W 2	SW 1	7	10	0.09
16	29.71	29.72	43.2	44.6	40.6	52.3	253	237	90	80	W 4	W 2	10	9	0.01
17	29.76	29.90	47.1	43.0	42.3	50.9	298	204	93	74	NNW 2	N 1	10	6	0.10
18	29.94	30.02	45.0	41.3	35.0	52.2	199	238	67	199	Calm	Calm	0	10	0.30
19	29.75	29.75	45.8	46.6	34.9	55.0	229	257	75	82	SSE 1	S 2	10	10	1.74
20	29.45	29.26	48.0	43.2	41.2	48.4	243	251	73	89	SSE 1	SW 1	10	10	0.64
21	29.26	29.32	47.2	46.9	38.9	52.4	253	276	79	87	SSW 3	SW 1	10	10	0.25
22	29.31	29.46	48.4	45.2	44.6	54.0	304	271	90	90	Calm	WSW 1	9	5	0.25
23	29.56	29.64	49.2	44.3	42.8	52.8	257	262	83	90	WSW 2	SW 2	9	10	0.25
24	29.86	29.91	47.8	47.4	41.8	53.4	270	298	81	91	W 3	W 1	10	0	0.10
25	29.95	29.86	50.0	45.4	39.0	56.8	290	267	81	89	SSW 1	Calm	0	10	0.10
26	29.90	29.91	52.5	49.1	37.5	56.4	304	296	77	85	Calm	Calm	0	10	0.05
27	29.90	29.84	50.1	57.0	45.1	63.7	333	377	92	81	SSE 2	S 1	10	10	0.049
28	29.76	29.80	61.0	53.0	52.3	63.1	361	325	68	81	S 3	SSW 3	10	10	0.060
29	29.95	29.96	54.0	49.6	46.5	57.8	268	276	64	78	SSW 2	WSW 1	8	10	0.10
31	30.04	30.15	51.9	50.1	47.2	56.5	290	311	75	86	W 3	W 1	10	10	0.10
Means	29.767	29.777	48.4	45.0	39.6	53.6	251	254	73.7	84.1	2.0	1.1	8.9	7.9	2.048

MAY 1885.

WAKEFIELD.

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

MAY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
	ins.	ins.	°	°	°	°	in.	in.	%	%	SE 2	SW 2	10	10	ins. '150	Dull all day.
1	29.54	29.53	48.8	46.2	46.2	57.6	340. '311	08 99			S 2	SE 2	8	10	—	Dull all day.
2	'61	'68	49.2	48.8	35.2	55.0	'288	'271 83 78			E 3	NE 3	7	10	'270	Dull all day.
3	'74	'74	47.8	41.8	41.8	53.6	'290	'263 88 99			NE 3	N 4	10	10	'030	Dull all day.
4	'55	'62	43.8	41.8	40.6	47.0	'284	'259 99 98			N 3	N 3	9	10	—	Dull all day.
5	'58	'56	44.8	43.0	37.4	49.5	'199	'221 67 80			N 3	N 2	10	10	'010	Dull all day.
6	'45	'49	42.0	38.8	36.5	46.1	'235	'210 89 90			N 3	N 2	10	10	'070	Fine all day.
7	'61	'76	43.5	37.8	31.9	47.6	'209	'221 74 68			NW 3	W 2	6	3	'030	
8	'85	'86	44.8	43.0	33.8	51.6	'230	'229 77 82			NW 3	W 2	4	8	'030	
9	'81	'71	46.6	44.8	40.8	52.6	'273	'276 87 93			SW 3	S 3	7	10	'140	
10	29.77	29.86	46.2	39.8	38.6	51.6	'241	'223 78 92			W 8	W 6	2	4	'080	Fine all day.
11	30.07	30.18	45.8	41.8	35.4	53.6	'227	'245 76 93			N 5	N 2	3	4	—	Fine and bright.
12	30.18	30.28	45.0	41.8	31.8	52.6	'227	'245 76 93			S 2	W 2	5	6	'010	Fine all day.
13	29.86	'91	46.4	41.4	30.3	53.8	'230	'260 76 99			W 2	N 2	3	4	—	Fine all day.
14	'87	'88	46.8	43.8	31.0	53.6	'249	'261 78 92			N 2	N 2	2	8	'150	☞ 2p.-5p.
15	'91	'79	48.6	40.7	38.6	55.4	'257	'238 74 92			NW 2	S 2	4	6	'050	Fine till 8p.
16	'68	'69	46.8	45.4	42.7	54.6	'294	'264 92 88			W 7	NW 7	10	10	'110	Dull all day.
17	'70	29.87	48.2	43.8	42.9	52.6	'261	'281 83 92			N 8	N 6	10	8	'060	Dull all day.
18	'88	30.02	45.8	41.8	40.0	49.5	'260	'241 85 92			N 6	W 3	10	7	'030	
19	'96	29.77	49.8	48.8	41.8	56.4	'240	'281 68 81			SW 4	S 2	6	10	'060	
20	'47	'28	50.1	45.2	43.3	50.7	'297	'267 82 89			S 3	SW 3	10	7	'210	
21	'29	'31	49.9	46.8	39.6	55.6	'302	'259 85 91			S 4	S 2	8	10	'170	☞ ☉ ☿ ☽ very vivid and very near, doing much damage to property.)
22	'30	'43	50.3	46.8	44.5	54.6	'315	'294 87 92			SE 2	W 2	10	5	'140	
23	'55	'68	43.8	45.4	41.2	55.6	'284	'287 99 95			W 3	SW 3	10	10	'070	Dull all day.
24	'77	'97	50.7	47.5	43.2	55.6	'316	'256 86 88			W 5	SW 2	5	0	—	Fine and bright all day.
25	'95	'87	52.8	47.0	39.0	57.6	'325	'316 81 98			SW 2	N 2	10	0	—	
26	'91	'90	47.9	52.9	33.2	61.4	'316	'355 95 88			SE 2	W 2	10	10	—	Dull day.
27	'91	'83	55.2	59.6	38.3	66.7	'388	'437 90 86			S 2	S 2	9	7	—	Fine day.
28	'77	'80	67.6	56.7	52.2	71.0	'461	'393 68 85			SW 4	S 2	3	4	—	
29	'82	'91	56.8	54.9	50.3	63.4	'369	'343 80 80			SW 4	SW 5	5	10	'020	
30	29.96	29.96	54.8	52.8	49.9	61.0	'343	'316 80 79			SW 4	W 3	10	10	—	Dull day.
31	30.03	30.15	54.2	48.8	48.1	58.6	'309	'315 73 91			NW 4	NW 2	6	3	—	
Means	29.752	29.773	48.9	46.1	40.0	55.0	'287	'283 82.5 90.1			3.5	2.8	7.2	7.2	1.850	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

BUXTON.

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

MAY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	48.1	42.5	41.0	52.2	214	259	65	95	Calm	0	8	8	ins.	
2	29.50	29.53	48.1	42.5	41.0	52.2	214	259	65	95	Calm	0	8	10	—	
3	29.59	29.65	46.6	42.0	34.8	54.0	218	224	68	84	Calm	0	—	9	8	*016
4	29.73	29.71	43.2	39.5	31.7	53.7	205	226	94	94	Calm	0	—	2	10	*140
5	29.53	29.59	41.0	39.0	36.7	43.2	245	201	95	89	NE	1	—	3	10	*025
6	29.57	29.52	43.8	37.8	34.1	43.8	274	201	95	89	NE	1	—	1	8	7
7	29.42	29.51	38.4	35.8	34.3	44.2	184	172	79	82	ENE	1	Calm	0	8	*078
8	29.62	29.78	40.6	34.9	31.0	45.7	177	189	66	79	Calm	0	—	1	8	* before ga.
9	29.86	29.88	42.3	39.2	31.0	45.7	177	189	66	79	W	1	—	1	9	*030
10	29.84	29.85	39.9	41.3	36.5	52.1	247	230	100	89	W	1	—	2	6	*130
11	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	1	—	2	6	* before ga.
12	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* p.
13	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* before ga.
14	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* p.
15	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* p.
16	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* p.
17	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* p.
18	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* p.
19	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* p.
20	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* p.
21	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* p.
22	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* p.
23	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* p.
24	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* p.
25	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* p.
26	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* p.
27	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* p.
28	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* p.
29	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* p.
30	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* p.
31	29.86	29.85	44.8	37.0	35.1	48.8	194	220	65	100	W	2	SW	2	5	* p.
Means	29.700	29.720	45.8	42.0	36.9	52.3	238	235	77.5	87.7	1.2	1.3	6.5	6.6	5.064	

HILLINGTON, NORFOLK.

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

MAY 1885.

1	29.62	29.56	46.6	50.0	46.0	60.1	301	317	95	88	SW	1	SW	3	10	10	—
2	29.65	29.68	50.7	43.7	40.0	59.7	340	283	94	99	SW	3	SE	0.5	10	10	0.04 K ₄ p. ☉ ² 4.35 p. — 5.30 p.
3	29.70	29.65	55.4	44.5	36.6	58.3	344	279	79	95	E	1	NE	1	4	10	0.02 Very fine and sunny.
4	29.55	29.55	50.5	44.5	42.3	56.2	304	275	83	94	NE	1	NE	1	10	10	0.18
5	29.53	29.53	44.8	41.9	39.2	54.7	245	214	83	82	NE	1	NE	1	10	10	0.23
6	29.44	29.44	39.9	40.0	35.0	43.4	241	220	99	92	E	3	NE	1	10	10	0.10 ☉ ² till 8.30 a., then fine.
7	29.61	29.61	43.0	32.1	32.1	49.6	231	176	77	98	NW	3	NW	0.5	5	0	0.27 ☉ ² 1 p. and 3 p. ☉ ² 6.30 p. (ground white).
8	29.87	29.91	45.3	43.0	38.7	52.2	244	244	81	88	NW	2	W	0.5	6	9	0.10 Ground still white a.
9	29.87	29.81	49.5	44.9	33.1	55.9	288	251	82	85	NW	2	WSW	2	7	1	0.06
10	29.86	29.88	47.5	41.0	40.0	55.3	243	227	74	89	SW	6	NW	1	3	4	0.16 ☉ ² 5.10 p. — 5.25 p.
11	30.00	30.19	43.7	35.9	30.4	51.1	238	200	53	66	NW	3	NW	0.5	9	10	0.30 ☉ ² 10.30 a.
12	30.17	30.03	49.5	40.0	28.0	55.4	266	214	76	86	NE	1	NE	1	3	8	— ☉ ² a. Continuous sunshine 6 a. — 6 p. [☉ ² p.
13	29.89	29.87	52.3	42.1	35.2	59.6	288	230	74	89	SE	1	SE	0.5	2	9	— ☉ ² 2.5 a. ☉ ² p.
14	29.84	29.81	47.9	36.9	33.2	53.1	285	214	86	97	NE	1	NE	1	6	1	— ☉ ² early a. Fine and sunny. ☉ ² p.
15	29.83	29.83	49.7	31.0	57.3	316	233	89	85	WNW	2	W	1	4	7	— ☉ ² 1 p. — 3.15 p. K ₄ ☉ ² 3 p.	
16	29.75	29.71	50.5	43.8	42.7	55.6	293	240	80	85	WNW	6	SW	1	8	1	0.70 Frequent ☉ showers.
17	29.65	29.74	48.6	43.7	36.4	51.7	297	260	88	94	NW	5	N	3	8	10	0.40 T 6 p.
18	29.52	29.57	43.8	41.4	38.5	51.6	268	243	94	94	N	3	NE	1	10	1	0.36 ☉ ² p.
19	30.00	29.84	47.0	44.9	33.2	56.3	296	290	99	98	W	1	SW	1	8	6	0.16 ☉ ² 9 p.
20	29.57	29.34	51.6	40.7	42.3	51.7	348	317	91	99	SW	4	SW	1	10	9	0.28 T 3.45 p. — 6 p. K ₄ 4.15 p. ☉ ² ☉ ² 162
21	29.36	29.39	54.5	47.2	39.2	59.1	375	331	89	100	S	4	SSE	1	10	10	0.18 ☉ ² 8 a. — Noon.
22	29.39	29.46	48.3	46.3	40.4	50.4	339	312	100	99	SE	1	SW	2	10	10	0.187 ☉ ² 2.30 p. — 9 p.
23	29.58	29.73	51.2	48.2	40.5	59.4	353	309	94	93	SW	3	WSW	4	6	8	0.30 ☉ ² 10 a. — 0.30 p. [☉ ² p.
24	29.82	29.80	49.2	41.8	41.8	55.1	288	263	83	99	NW	5	NW	1	10	0	0.72 ☉ ² p.
25	29.80	29.86	53.6	44.8	36.0	55.2	348	295	84	99	W	4	S	1	9	10	0.72 ☉ ² p.
26	29.91	29.92	50.2	54.9	44.6	60.7	351	399	97	93	W	0.5	SW	1	10	8	— ☉ ² p.
27	29.96	29.90	55.7	53.1	48.0	66.8	407	404	92	100	SW	1	SE	1	10	8	— ☉ ² 1 p.
28	29.84	29.92	66.6	57.3	53.1	74.5	531	446	82	95	SW	3	SW	6	7	0	1.40 ☉ ² 1 p.
29	29.87	29.99	57.0	54.0	53.0	60.7	434	379	93	91	S	2	S	1	7	6	— ☉ ² 11 p.
30	30.06	29.99	55.1	54.5	45.0	62.3	377	386	87	91	SW	3	SW	2	8	10	0.80
31	30.02	30.13	56.6	47.9	44.1	62.4	379	337	82	98	NW	5	NW	1	4	4	—
Means	29.773	29.791	50.3	44.9	39.1	56.6	318	284	86.5	93.3	2.7	1.4	7.5	6.7	2.014		

MAY 1885.

UPPINGHAM.

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

MAY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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 1	1	2	ins.	Sunny 10a.—3.30p., then overcast. ☁ (mist) ga. Overcast p. Overcast all day. ☁ 2 at night. ✕ early a. ☁ till 11.30a. Dark p. ☁ ga. ▲ 10a.
2	29.60	29.54	49.7	44.2	44.2	55.0	205	285	74	98	S by W 2	Calm 0	10	1	0.13	
3	29.62	29.67	47.0	44.5	37.6	57.7	232	277	88	94	N by E 2	N by E 2	10	10	—	
4	29.69	29.67	47.8	44.3	40.0	60.7	232	259	94	99	NW 1	N by E 1	10	10	—	
5	29.55	29.55	45.0	43.9	38.8	52.4	257	275	86	96	NNE 1	Calm 0	10	10	0.32	
6	29.56	29.50	44.7	41.8	37.4	54.8	230	265	80	100	N by E 2	N by E 2	10	10	0.11	
7	29.40	29.47	36.9	38.9	35.3	48.8	211	191	75	97	NW 1	NW 1	6	0	0.10	
8	29.62	29.78	43.4	34.1	32.3	46.9	211	222	71	92	WNW 2	WSW 1	7	1	—	
9	29.88	29.91	44.2	39.5	32.1	51.0	205	222	79	88	W 2	SW 2	4	2	0.25	
10	29.87	29.80	47.1	44.0	35.1	54.0	254	255	79	88	W 3	W by N 2	1	2	—	
11	29.87	29.88	45.5	38.9	37.9	53.4	227	216	74	92	NW 3	NNW 2	8	7	—	
12	29.87	29.88	45.5	38.9	37.9	53.4	227	216	74	92	NNE 1	Calm 0	7	3	—	
13	29.87	29.86	47.3	41.1	36.4	58.1	270	243	83	94	S 2	N 1	10	8	—	
14	29.87	29.86	47.3	41.1	36.4	58.1	270	243	83	94	N by E 3	NNW 1	5	10	0.10	
15	29.87	29.86	47.3	41.1	36.4	58.1	270	243	83	94	NW 2	WSW 1	9	5	0.16	
16	29.87	29.86	47.3	41.1	36.4	58.1	270	243	83	94	W by S 5	W by N 1	9	7	1.32	
17	29.87	29.86	47.3	41.1	36.4	58.1	270	243	83	94	NNW 3	NNW 2	10	10	0.51	
18	29.87	29.86	47.3	41.1	36.4	58.1	270	243	83	94	SW by S 3	Calm 0	7	10	0.17	
19	29.87	29.86	47.3	41.1	36.4	58.1	270	243	83	94	W by S 1	SSW 2	2	10	0.49	
20	29.87	29.86	47.3	41.1	36.4	58.1	270	243	83	94	S by W 3	S by E 1	10	0	1.82	
21	29.87	29.86	47.3	41.1	36.4	58.1	270	243	83	94	S 2	sw by S 1	9	3	2.57	
22	29.87	29.86	47.3	41.1	36.4	58.1	270	243	83	94	NE 1	SW 1	10	10	2.36	
23	29.87	29.86	47.3	41.1	36.4	58.1	270	243	83	94	WSW 3	WSW 1	5	10	2.35	
24	29.87	29.86	47.3	41.1	36.4	58.1	270	243	83	94	W by N 4	W 1	10	0	—	
25	29.87	29.86	47.3	41.1	36.4	58.1	270	243	83	94	W by S 2	S by E 1	10	10	2.21	
26	29.87	29.86	47.3	41.1	36.4	58.1	270	243	83	94	SSW 1	sw by W 1	10	2	—	
27	29.87	29.86	47.3	41.1	36.4	58.1	270	243	83	94	SW 2	S by W 1	9	9	—	
28	29.87	29.86	47.3	41.1	36.4	58.1	270	243	83	94	SW 4	S by W 3	2	7	0.10	
29	29.87	29.86	47.3	41.1	36.4	58.1	270	243	83	94	sw by S 4	sw by S 5	7	7	0.41	
30	29.87	29.86	47.3	41.1	36.4	58.1	270	243	83	94	WSW 4	sw h. w. 1	10	10	1.43	
31	29.87	29.86	47.3	41.1	36.4	58.1	270	243	83	94	W 3	NW 1	8	0	—	
Means	29.772	29.790	48.3	44.4	39.2	56.1	281	276	82.0	93.2	2.5	1.3	7.6	6.0	2.34	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

GELDESTON (BECCLES).

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

MAY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	50.3	49.8	45.8	58.0	299	290	80	82	WSW 1	SSW 2	6	4	ins.	
2	29.64	29.60	50.3	49.8	45.8	58.0	299	290	80	82	W 1	ESE 1	5	1	1.50	T ⁰ 5a. and 4p.
3	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	ENE 1	NNE 1	7	9	—	○ 1.10p.
4	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	ESE 1	NE 2	10	10	0.20	
5	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	NNE 1	E 1	10	10	1.20	T ⁰ 11a. ○ 0a. ▲ 0 11.35a.
6	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	W 1	N 2	9	10	0.40	○ 0 9a.
7	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	NNW 1	N 1	10	10	0.60	
8	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	W 2	SSW 1	6	0	—	
9	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	W 2	SW 2	3	0	0.10	
10	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	W 3	WSW 1	2	0	—	○ 0 9p.
11	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	W 3	WSW 1	2	0	—	Squally with ▲ till 1p. ○ 0 9p.
12	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	N 2	W 1	4	0	—	○ all day with partial 4.35p. ∞ p.
13	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	N 2	SE 1	7	0	—	○ 0 9p.
14	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	S 1	NE 1	1	1	0.20	
15	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	Calm	NE 1	1	0	—	Squally with ● and rapid fall of [temp. 2.30p. 4p. T ⁰ in [N. 5.45p. < 0 in E. 7.45p.
16	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	SSW 1	W 1	3	0	—	○ 0 9a.
17	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	WNW 3	SW 1	1	1	0.60	● before 9a. ▲ 1.45p.
18	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	WNW 1	NNW 2	10	10	0.20	
19	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	NW 2	NW 1	10	1	0.20	○ 0 9a.
20	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	WNW 1	SSE 1	7	8	0.20	○ 0 9a.
21	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	S 3	SSW 2	9	10	1.10	○ 0 9a.
22	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	SSW 3	SSW 1	4	8	0.20	▲ 11.15a. Squally day.
23	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	ESE 2	WSW 2	10	5	0.40	
24	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	W 1	SW 2	8	8	0.30	▲ 0 T ⁰ in SW. at noon.
25	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	W 1	SW 2	8	8	0.30	
26	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	W 1	Calm	9	7	1.60	
27	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	W 1	SW 2	9	10	0.20	○ 0 8.30a.
28	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	ESE 1	SW 1	9	10	0.20	○ 0 10.30p.
29	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	WSW 1	SSW 1	10	6	—	○ 0 9p.
30	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	SSW 1	SSE 1	10	5	—	○ 0 9a.
31	29.66	29.60	50.3	49.8	45.8	58.0	299	290	80	82	S 1	SW 1	8	1	0.30	T ⁰ very early a.
Means	29.778	29.796	50.8	49.4	45.2	56.1	298	278	74.5	86.7	1.5	1.3	7.1	4.7	2.879	

CHELTENHAM.

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

MAY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	29.57	29.55	48.4	46.1	35.8	55.9	284	244	84	79	S 1	SW 1	10	2	0.40	
2	29.62	29.60	51.3	49.0	37.5	56.2	254	228	68	93	S 3	Calm	5	0	0.90	
3	29.67	29.64	54.5	48.5	36.1	58.0	275	202	65	87	S 2	NE 2	5	10	—	Dull day.
4	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	Dull and cold.
5	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	Dull and cold.
6	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
7	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
8	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
9	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
10	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
11	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
12	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
13	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
14	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
15	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
16	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
17	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
18	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
19	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
20	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
21	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
22	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
23	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
24	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
25	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
26	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
27	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
28	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
29	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
30	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
31	29.64	29.64	44.3	46.4	40.4	50.0	242	268	83	80	NW 2	NW 1	9	10	—	▲ 0 9a.
Means	29.799	29.810	49.2	45.9	40.1	55.9	266	271	75.5	86.4	2.5	1.6	7.3	5.8	2.300	

MAY 1885.

CARMARTHEN.

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

MAY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	48.0	44.2	40.3	54.5	in.	in.	%	%	W	2	SW	2	8	6	ins.	0.60
2	29.46	29.54	48.0	44.2	40.3	54.5	289	276	80	75	SW	4	S	2	6	8	—	▲ 11a.
3	29.56	29.62	53.3	45.7	42.0	56.8	312	278	75	88	E	1	Calm	0	8	5	0.30	Fine day.
4	29.57	29.54	47.4	45.4	44.1	50.2	249	271	77	90	N	2	N	1	10	10	—	Dull day.
5	29.55	29.46	44.7	44.3	42.7	49.1	249	252	84	90	E	3	E	2	10	10	0.70	● from 6p.
6	29.56	29.51	45.2	45.0	39.3	47.4	248	271	82	91	E	3	N	1	10	10	1.50	▲ 6p.
7	29.56	29.51	45.2	45.0	39.3	47.4	248	271	82	91	E	3	N	1	10	10	—	Fine day.
8	29.56	29.51	45.2	45.0	39.3	47.4	248	271	82	91	E	3	N	1	10	10	—	
9	29.56	29.51	45.2	45.0	39.3	47.4	248	271	82	91	E	3	N	1	10	10	—	
10	29.57	29.57	49.8	43.0	39.0	53.5	210	212	59	77	NW	2	W	2	3	0	—	▲ 2 5p.-6p.
11	30.14	30.24	49.8	41.7	40.6	55.4	257	228	72	87	N	2	N	1	5	0	—	Fine, but cold.
12	30.17	29.93	52.3	42.7	33.2	58.5	225	196	58	72	SE	1	Calm	0	8	—	Very fine.	
13	30.17	29.88	51.8	43.0	36.6	54.6	225	231	59	83	E	1	Calm	0	10	0	0.60	● showers a. Fine p.
14	30.17	29.88	51.8	43.0	36.6	54.6	225	231	59	83	E	1	Calm	0	10	0	0.60	∞ a. Fine day.
15	30.00	30.00	52.0	43.0	30.4	58.5	248	240	65	98	W	1	W	1	10	8	0.10	Cloudy all day.
16	30.00	29.89	51.0	45.7	42.0	55.1	241	258	65	88	NW	2	NW	2	5	6	0.10	Fine day. ● 8p.
17	29.85	29.95	47.9	44.0	43.5	52.8	259	255	78	90	NW	1	NW	1	10	1	0.50	Frequent ● showers.
18	29.85	29.95	47.9	44.0	43.5	52.8	259	255	78	90	N	1	Calm	0	9	0	—	Dull a. ● p.
19	29.85	29.95	47.9	44.0	43.5	52.8	259	255	78	90	N	1	Calm	0	9	0	—	▲ a.
20	29.85	29.95	47.9	44.0	43.5	52.8	259	255	78	90	N	1	Calm	0	9	0	—	● 8.30a. Frequent ●
21	29.85	29.95	47.9	44.0	43.5	52.8	259	255	78	90	N	1	Calm	0	9	0	—	Frequent ● showers.
22	29.85	29.95	47.9	44.0	43.5	52.8	259	255	78	90	N	1	Calm	0	9	0	—	Fine day.
23	29.85	29.95	47.9	44.0	43.5	52.8	259	255	78	90	N	1	Calm	0	9	0	—	Fine day. U
24	29.85	29.95	47.9	44.0	43.5	52.8	259	255	78	90	N	1	Calm	0	9	0	—	● all day.
25	29.85	29.95	47.9	44.0	43.5	52.8	259	255	78	90	N	1	Calm	0	9	0	—	Fine day.
26	29.85	29.95	47.9	44.0	43.5	52.8	259	255	78	90	N	1	Calm	0	9	0	—	Frequent ● showers.
27	29.85	29.95	47.9	44.0	43.5	52.8	259	255	78	90	N	1	Calm	0	9	0	—	Squally in past u. ● 2 a.
28	29.85	29.95	47.9	44.0	43.5	52.8	259	255	78	90	N	1	Calm	0	9	0	—	● 2 8.30p.
29	29.85	29.95	47.9	44.0	43.5	52.8	259	255	78	90	N	1	Calm	0	9	0	—	Fine day.
30	29.85	29.95	47.9	44.0	43.5	52.8	259	255	78	90	N	1	Calm	0	9	0	—	Very fine day.
31	29.85	29.95	47.9	44.0	43.5	52.8	259	255	78	90	N	1	Calm	0	9	0	—	
Means	29.789	29.809	50.1	45.4	41.1	55.0	279	276	77.2	90.3	2.1	1.2	7.7	4.8	2.880			

MARGATE.

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

MAY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min. Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	51.7	46.0	43.8	54.8	2.69	2.85	71	92	SW 3	SW 1	3	6	ins. showers.
2	68	70	51.3	44.7	43.4	56.6	2.93	2.68	78	91	S 2	Calm 0	8	0	Fine day. ☁ 9p.
3	68	65	52.3	45.0	38.1	55.4	3.04	2.64	78	89	SE 2	Calm 0	3	0	Very fine. ☁ 9p.
4	54	51	50.1	47.3	42.2	52.6	2.90	2.83	80	88	E 1	E 2	8	10	Fine day, but cooler.
5	54	53	49.1	45.4	44.6	51.6	2.33	2.68	67	89	N 2	Calm 0	6	10	☁ p.
6	38	40	54.1	45.8	43.8	57.5	3.28	2.83	78	92	SE 2	W 2	7	10	Dull a. ☁ p.
7	63	60	45.4	38.0	38.0	50.9	2.33	2.20	75	94	NE 1	NW 1	10	1	☁ 5.30p.
8	94	94	46.0	41.7	34.0	54.4	2.24	2.31	73	88	SW 2	NW 2	1	2	☁ 4p.
9	97	93	43.6	45.0	36.0	55.3	2.70	2.58	95	86	SW 3	SW 3	7	4	Dull and cool.
10	29.94	29.92	45.9	42.9	42.5	52.8	2.46	2.41	81	87	SW 2	SW 2	10	1	☁ 1.50
11	30.00	30.21	45.3	42.8	35.0	52.0	2.32	2.44	78	89	NW 1	Calm 0	7	0	Fine day.
12	30.18	30.06	48.6	41.4	36.0	50.8	2.48	2.07	72	80	W 1	E 1	1	1	Fine all day.
13	29.91	29.82	47.3	45.3	37.1	49.6	2.14	2.53	64	84	ESE 1	E 3	6	0	Fine day. ☁ noon.
14	82	91	49.5	44.9	44.4	50.9	2.38	2.14	68	72	E 2	N 1	7	0	Fine, but cool.
15	98	93	49.3	44.9	39.8	55.9	2.31	2.68	66	90	NW 1	NW 1	5	0	☁ 2.00
16	84	80	47.8	45.2	41.3	58.2	2.81	2.43	85	81	SW 1	SW 2	9	2	Fine day.
17	73	77	51.1	46.2	39.9	54.7	2.66	2.53	72	82	SW 1	SW 1	5	10	Fine day. ☁ 2p. ☁ at night.
18	29.85	29.85	46.0	46.0	43.6	54.5	2.26	2.39	74	75	NW 2	NW 2	9	0	☁ before 9a. Fine day.
19	30.03	30.02	50.1	44.5	42.6	53.0	2.34	2.33	66	79	NW 1	SW 2	3	10	Cool wind.
20	29.65	29.65	50.7	46.9	44.1	52.8	2.56	2.07	70	98	SSW 4	SW 2	10	10	☁ all day. ☁ from 11a.
21	43	48	50.5	46.1	41.5	56.6	2.78	2.84	76	91	SW 3	S 2	6	1	☁ before 9a. ☁ a. Fine day.
22	19	56	50.1	48.1	44.1	57.5	3.30	2.83	91	84	SSE 3	SW 4	10	4	Stormy, with ☁. ☁ noon. ☁ 6p.
23	66	29.84	54.1	47.2	44.1	57.4	2.99	2.94	72	91	SW 3	SW 2	7	0	☁ before 9a. ☁ 3p.
24	29.93	30.08	52.1	50.3	44.7	57.9	2.65	3.23	69	89	SW 3	SW 3	6	7	☁ before 9a. Fine day.
25	30.07	29.90	54.3	50.7	43.2	55.4	2.77	3.57	66	96	SW 4	S 3	8	10	Dull morning. ☁ from 2p. ☁ a. and n.
26	29.96	30.02	56.4	54.3	50.2	61.9	3.78	3.86	84	92	SSW 2	SW 3	10	10	Fine day.
27	30.02	29.98	57.8	54.9	49.3	68.0	3.75	3.81	79	89	SW 2	Calm 0	10	0	Much warmer. ☁ 10p.
28	29.91	29.94	68.8	61.4	54.6	71.0	4.87	4.10	69	76	S 2	Calm 0	8	3	Very warm.
29	29.95	30.08	57.8	50.9	50.2	63.4	4.51	3.46	93	93	W 1	S 3	10	0	☁ early a.
30	30.10	30.07	57.3	53.3	46.1	62.7	3.24	3.75	69	92	SSW 3	SSW 1	8	10	Fine day.
31	30.07	30.18	56.0	55.1	51.0	61.7	3.28	3.74	73	86	W 4	SW 2	0	5	Fine a. Dull p.
Means	29.814	29.838	51.3	47.2	42.7	56.4	2.87	2.86	75.3	87.2	2.1	1.7	6.7	4.1	1.920

SOUTHAMPTON.

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

MAY 1885.

1	29.62	29.64	47.7	46.7	38.4	50.9	2.99	2.81	94	89	SSE 3	SW 2	10	0	0.73	Fine and pleasant, but cold p.
2	64	69	53.0	47.1	42.7	57.7	2.75	2.92	69	91	SW 1.5	S 1.5	9	0	—	Beautiful day. ☁ p.
3	67	66	53.7	47.0	42.5	57.5	2.93	2.73	71	85	SE 2	Calm 0	9	1	—	Beautiful day throughout. ☁ a. and p.
4	54	52	51.1	48.6	41.2	60.6	2.89	2.99	77	88	NE 2	Calm 0	10	10	—	Fine and pleasant.
5	54	48	49.1	46.2	40.7	50.8	2.93	2.85	84	92	SE 0.5	SSW 2	10	10	0.700	☁ 9.40a. ☁ 2.10a. ☁ 11a.
6	54	46	50.0	43.9	43.9	54.3	2.91	2.70	81	95	SW 1	NE 2	10	10	0.494	☁ 9.30a. and 2.10p. ☁ 2.20p. ☁ showers.
7	68	29.84	46.1	40.9	38.8	51.1	2.20	2.08	71	82	N 2	W 1.5	10	0	0.015	☁ 2 n. and early a. Evening very
8	97	30.02	51.4	47.7	33.2	53.6	2.32	2.41	61	88	NW 2	W 1	7	2	0.125	☁ 2.2. 1.25p. ☁ 2.10p. ☁ cool. ☁ p.
9	97	29.97	53.7	47.0	36.0	55.6	2.65	2.75	64	86	W 2.5	WSW 3	8	7	0.192	Beautiful morning. ☁ shower 1.35p. ☁ 2.2. ☁ 2 showers 2p. and 3p.
10	29.98	30.00	51.0	42.2	42.2	56.1	2.55	1.83	68	69	NW 3	NW 2	9	0	—	Beautiful day. Evening cool.
11	30.08	30.21	51.8	46.2	38.1	59.5	2.02	2.40	53	77	NNE 4.5	NE 0.5	1	0	—	Beautiful day throughout. ☁ ☁ p.
12	30.18	30.02	51.6	46.6	36.4	59.5	2.37	2.58	63	82	N 1	S 1.5	7	5	—	Beautiful day throughout.
13	29.86	29.81	50.5	45.8	39.4	56.9	2.20	2.08	61	68	SE 3.5	NE 2.5	10	1	—	Partial ☁ 9a. Beautiful day.
14	29.86	29.86	53.0	42.7	37.3	60.2	2.44	2.52	61	92	NE 3	WNW 1	0	1	0.120	☁ 5.15p. ☁ 6.30p.
15	30.01	30.01	50.8	48.6	36.5	60.2	2.65	2.48	58	72	SW 1.5	WSW 2	9	0	—	☁ ☁ shower 3.20p.
16	29.89	29.88	50.5	48.0	42.8	59.7	2.31	2.53	50	76	NW 4	W 2	1	3	0.022	Beautiful day.
17	78	29.85	52.0	44.7	42.3	59.3	2.08	2.02	79	89	NNW 2	NW 1.5	9	3	0.012	☁ 2.2. ☁ shower 3.50p. ☁ 4p. ☁ 4.15p.
18	29.94	30.05	53.8	45.1	39.1	56.9	2.90	2.54	70	85	NNW 2	NW 1.5	9	3	—	Fine and pleasant a. Evening fine but cool.
19	30.02	29.85	53.2	47.7	39.4	56.9	2.65	3.13	65	95	SW 2	S 3	9	10	0.292	Fine and pleasant till 4.30p., then ☁.
20	29.53	29.53	46.6	46.6	44.1	54.2	3.02	2.80	95	80	SSE 4	SW 1	10	0	0.290	☁ till 1.45p., then fine.
21	37	47	50.6	49.8	46.0	57.4	2.50	3.07	70	87	SW 3	SW 3	10	9	0.745	☁ 2 early a. ☁ a. ☁ 2p.
22	19	58	49.2	48.1	46.8	58.6	3.24	2.89	93	86	NW 5	SW 3	10	10	0.120	☁ 2 showers. ☁ 1p.
23	29.60	29.88	54.2	47.6	44.7	57.7	2.56	2.84	68	87	SW 3	SW 1.5	9	3	0.018	Beautiful day throughout.
24	30.00	30.10	54.3	51.0	43.4	61.4	2.95	3.26	70	87	SW 3	SW 2.5	10	10	0.148	Day dull.
25	30.06	29.90	50.0	52.1	44.8	53.2	2.93	3.84	82	92	SW 2	SW 2	10	10	0.008	Fine and pleasant. ☁ p.
26	29.99	30.03	53.6	53.3	50.9	60.8	3.03	3.76	86	93	SW 2	SSE 1	10	5	—	Day fine and pleasant.
27	30.00	29.93	55.4	53.8	51.5	61.5	3.74	3.89	86	93	SW 2	S 1.5	10	5	0.030	Beautiful day.
28	29.91	29.93	56.8	56.0	48.2	65.6	4.26	3.99	92	89	SW 2.5	S 1.5	10	5	—	Delightful morning. Dull p.
29	29.95	29.96	58.0	51.8	51.4	61.1	3.63	3.46	76	89	SW 3	SW 2	9	10	0.047	
30	30.09	30.03	56.8	53.4	45.5	60.9	3.43	3.97	74	97	SW 2.5	SW 2	9	10	—	
31	30.13	30.19	62.2	55.1	46.8	63.9	3.75	3.96	67	91	WNW 2	SW 2	5	2	—	
Means	29.822	29.852	52.9	47.9	42.4	58.0	2.92	2.93	72.9	86.6	2.5	1.8	8.4	4.6	3.805	

ST. LEONARDS.

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

MAY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	47.7	42.9	52.0	3.00	2.99	81	91	S 3	WSW 3	1	10	ins.	☁ at night.
2	29.68	29.65	50.3	47.3	46.7	52.7	3.04	2.92	83	90	SSW 3	WSW 1	3	0	—	Fine day.
3	68	62	52.0	47.6	43.5	54.7	2.88	2.66	73	81	SE 1	ENE 1	2	0	—	Overcast.
4	61	51	50.0	47.4	42.7	52.9	3.12	2.85	84	86	ESE 2	Calm 0	10	9	—	☁ in NE. 3p.
5	55	52	46.3	47.0	42.8	48.2	3.16	3.00	86	96	S 3	WSW 2	8	5	0.101	☁ 2.00
6	36	42	50.7	46.1	46.1	53.2	3.16	3.00	86	96	S 3	WSW 2	8	5	0.092	☁ 2.00
7	64	29.82	41.2	41.2	39.3	53.1	2.44	2.68	95	81	NNW 2	W 3	10	8	0.029	☁ shower a.
8	96	30.00	47.3	44.7	39.6	52.1	2.61	2.78	78	86	WSW 4	WSW 4	6	1	0.009	Squally till noon.
9	99	29.98	48.0	47.3	39.6	52.1	2.61	2.78	78	86	WSW 4	WSW 4	6	1	0.009	Squally in past n. ☁ 4p.
10	29.95	29.96	49.7	45.3	42.3	52.4	2.62	2.47	70	79	NW 4	ENE 1	5	0	—	☁ 0.30p.
11	30.03	30.22	47.1	46.5	36.6	55.6	2.23	2.47	70	79	NW 4	ENE 1	5	0	—	☁ 11a. ☁ 4p.
12	30.17	30.03	49.5	45.7	45.1	54.0	2.92	2.26	83	76	SSE 2	ESE 2	5	0	—	☁ shower 2.30p.
13	29.87	29.78	48.5	44.9	42.1	55.1	2.23	2.38	66	80	ESE 3	NE 4	3	3	0.030	☁ at night.
14	80	92	48.5	44.2	42.0	56.5	2.49	3.26	73	77	NNE 4	NNE 1	8	0	—	☁ at night.
15	99	96	48.8	47.7	41.0	57.5	2.70	3.05	78	93	SSE 1	W 1	4	2	—	☁ at night.
16	85	83	52.3	46.1	43.5	57.6	2.65	2.51	69	81	VNW 3	NW 2	9	9	0.310	Frequent ☁ showers. ☁ 2p.
17	74	29.81	52.1	42.8	42.5	54.2	2.86	2.42	71	88	NW 3	NW 1	6	3	0.026	☁ 6.15p.
18	29.39	30.03	49.6	42.2	38.3	54.1	2.44	2.67	71	88	NW 3	NW 1	6	3	0.026	☁ 6.15p.
19	30.04	29.91	50.1	48.0	40.4	53.7	2.66	2.76	74	83	SE 2	S 4	1	10	0.100	☁ 2p.
20	29.04	43	48.7	48.0	46.5	50.4	3.11	3.04	91	91	S 5	SW 3	10	10	0.320	[at times] till 5p.
21	42	50	50.9	48.8	45.9	53.3	3.06	3.07	83	89	S 5	WSW 4	8	4	0.371	☁ (force 8 at times) from WNW. p.
22	14	59	49.5	49.7	47.3	53.7	3.41	3.00	97	86	SSW 5	W 7	10	5	0.086	☁ all past n. ☁ (moderate gale at times) all day.
23	70	29.87	52.0	50.0	44.7	54.3	3.10	3.22	80	90	W 5	W 6	5	7	0.044	☁ during day. ☁ at night.
24	29.98	30.09	52.7	48.8	45.6	56.1	2.87	3.17	73	92	W 3	W 2	3	3	—	☁ during day. ☁ at night.
25	30.09	30.90	51.7	51.2	47.8	52.7	2.91	3.71	78	99	SW 3	SSW 3	10	10	0.111	☁ from 11a.
26	29.09	30.03	53.7	51.7	50.8	58.0	3.81	3.81	92	99	WSW 3	W 3	9	10	0.003	Sea 2000 from 3.30p.
27	30.03	29.94	52.6	50.3	51.1	60.5	3.72	4.66	94	81	WSW 2	ESE 2	10	4	—	Wind backed during day. ☁ 0n.
28	30.04	29.91	55.8	59.6	54.5	64.0	3.93	4.11	88	80	SW 2	Calm 0	6	4	0.320	☁ 2 in past n.
29	29.95	30.09	53.7	51.9	51.9	60.1	3.93	3.54	95	92	WSW 1	W 3	10	1	—	☁ 2 in past n.
30	30.12	30.7	54.9	52.1	51.2	56.9	3.66	3.57	86	91	WSW 4	S 3	4	10	0.012	☁ 2 in past n.
31	30.10	30.17	58.3	52.6	51.6	62.0	3.38	3.64	70	92	NW 4	WNW 1	1	5	—	☁ 2 in past n.
Means	29.822	29.845	50.5	48.2	44.6	54.7	2.97	2.995	80.6	89.8	2.9	2.4	6.2	4.5	2.169	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

BABBACOMBE.

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

MAY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	49.2	43.7	40.3	55.1	ins.	ins.	86	80	W 3	SW 2	7	2	ins.	☁ p.
2	29.54	29.61	49.2	43.7	40.3	55.1	29.54	29.61	86	80	SSW 3	S 2	7	1	1.70	☁ showers till 1 p. ☁ noon. ☁ p.
3	61	65	54.0	45.0	40.7	54.1	29.52	29.58	70	93	SSW 3	S 2	7	1	1.70	Greenish sky in E. ☁ p.
4	63	63	50.1	46.1	44.1	51.9	30.4	28.8	84	93	ESE 3	E 1	9	3	—	☁ (mist) a. and p.
5	57	56	47.0	45.0	42.2	54.2	27.5	27.5	86	92	NE 2	Calm 0	10	10	2.50	☁ (mist) a. and p.
6	54	47	49.6	46.0	42.5	51.6	27.9	27.9	91	E 1	WSW 2	WSW 2	8	9	0.10	☁ (mist) a. and p. ☁ 2.50 p. ☁ 11 p.
7	54	49	48.2	42.5	40.0	55.1	28.8	25.0	86	94	NE 1	WNW 1	7	10	1.50	☁ before 9 a. ☁ 2.23 p. ☁ p.
8	58	50	51.4	41.6	35.0	53.8	23.9	20.7	63	79	WNW 2	WSW 2	6	1	0.30	Sky green in N. p. ☁ p.
9	29.99	29.99	50.0	44.7	38.2	54.4	25.2	23.5	70	79	W 3	WSW 3	5	1	0.90	☁ p.
10	30.01	30.05	49.7	41.6	41.5	53.9	27.0	20.8	77	79	WNW 3	W 3	8	1	0.30	Fine day. Wind S. 5 p. ☁ p. [☁ p.
11	14	23	51.2	45.1	38.2	57.2	23.6	23.1	63	77	N 3	NNW 2	3	1	—	☁ (mist) a. and p. ☁ 9.15 a.—3 p.
12	30.17	30.02	49.1	42.9	37.2	53.2	24.6	23.1	71	84	ESE 2	WSW 1	4	6	—	☁ (mist) a. and p. ☁ 9 a. Coloured
13	29.83	29.81	48.9	45.3	38.3	51.0	26.1	21.6	76	72	E 3	N 4	9	4	—	☁ (mist) a. ☁ 2 p. Sky brownish near sun.
14	29.91	30.00	49.9	45.1	41.0	57.1	25.1	23.4	71	79	NNE 2	WNW 2	4	0	0.40	Squally p. Pink mist round sun.
15	30.03	30.02	51.8	47.0	40.0	58.6	26.8	26.2	70	82	WNW 3	W 2	9	6	—	Squally p. Pink mist round sun.
16	29.96	29.91	53.9	46.7	45.8	58.0	23.0	24.6	55	78	NW 4	WSW 3	5	7	—	Squally p. Pink mist round sun.
17	86	29.93	52.0	45.5	42.4	55.1	25.0	23.9	65	80	NW 3	NNW 3	7	1	—	Squally p.
18	29.99	30.08	51.8	41.2	41.2	53.4	24.4	19.9	64	77	NW 3	W 1	9	1	—	☁ p.
19	30.02	29.80	50.1	46.9	36.3	50.8	26.4	28.5	73	90	S 3	WSW 4	10	4	4.50	Squally (gale) a. ☁ 3 p. ☁ 2 p.
20	29.41	38	48.1	44.5	43.0	54.9	31.1	25.5	93	87	SW 6	SW 3	10	4	1.310	☁ 2.45 a.—6 a. Squally (gale) 2 p.
21	36	45	52.2	47.1	40.2	55.0	28.5	29.2	73	91	SW 3	SW 4	7	8	1.70	☁ 2.45 a.—6 a. Squally (gale) 2 p.
22	40	60	50.5	45.8	40.7	55.2	26.5	27.1	73	88	WNW 5	WSW 3	7	9	0.60	☁ 2.45 a.—6 a. Squally (gale) 2 p.
23	29.72	29.91	50.9	46.4	43.2	56.9	28.6	27.2	77	87	WSW 5	W 4	10	5	1.40	☁ 10 p.—Midt. ☁ after 10 p. [6.40 p.
24	30.05	30.12	53.0	49.0	44.5	57.9	28.4	27.5	71	79	WNW 3	WSW 2	7	9	0.60	☁ (mist) p.
25	29.97	29.90	47.1	52.0	44.9	53.8	29.7	33.5	92	86	SSE 5	W 3	10	9	0.60	Dull day. Scotch ☁ ☁ 7.30 p.—Midt.
26	99	30.00	55.2	52.1	50.2	60.8	30.3	36.0	90	93	SSW 2	SW 3	10	10	0.30	Scotch ☁ a. and 3.30 p.
27	98	29.91	53.0	49.0	48.5	56.0	36.6	34.5	91	99	SW 3	S 2	10	10	—	☁ showers a. Sky brownish near sun. ☁ p.
28	87	29.91	55.0	50.1	48.9	56.7	38.6	33.3	89	89	S 4	SSW 2	10	10	1.00	Scotch ☁ 4 p.
29	29.91	30.05	55.8	50.9	49.4	58.8	34.8	32.5	78	88	SW 5	SW 4	9	5	0.40	☁ (mist) p.
30	30.07	30.22	58.7	54.5	45.4	65.6	34.9	38.9	71	92	W 2	WSW 1	7	10	0.10	
Means	29.829	29.859	51.4	46.3	42.2	55.5	28.7	27.2	75.9	85.8	3.1	2.3	7.7	5.4	3.670	

ST. AUBIN'S, JERSEY.

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

MAY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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	29.68	29.71	51.7	47.2	44.7	56.3	35.7	29.4	93	91	SW 3	SW 2	2	7	0.90	☁ p. Hawthorn in bloom.
2	71	72	51.5	47.5	44.8	58.0	29.8	30.4	78	93	SW 3	SE 2	5	9	0.40	☁ a. and p.
3	68	66	49.0	46.0	45.0	58.2	29.8	29.4	86	95	SE 2	Calm 0	9	10	5.70	Very fine p. ☁ p. ☁ after 11 p.
4	57	59	51.1	46.5	44.8	57.4	32.0	29.3	84	93	NW 1	NW 1	9	4	—	Extremely fine and clear, but with cold breeze.
5	61	58	52.4	47.5	44.0	55.0	29.0	29.0	74	88	W 2	SW 2	9	2	0.04	Very fine, but with cold breeze. [breeze.
6	58	56	49.9	47.0	46.7	56.9	30.6	29.6	87	92	SW 1	NW 2	10	2	—	☁ ☁ showers 6.30 a. Extremely fine
7	29.76	29.93	52.0	43.0	42.6	56.0	25.6	23.4	67	84	W 2	Calm 0	4	1	0.30	Fine, but with cold breeze. [and bright.
8	30.05	30.11	51.3	44.5	36.3	56.1	25.2	22.3	67	75	NW 2	NW 1	5	2	0.10	Sunniest day since July 2, 1884.
9	99	10	51.7	46.2	42.2	57.8	27.6	26.3	72	85	SW 3	W 1	3	2	—	☁ ☁. Fine, but with cold breeze.
10	10	10	53.0	47.3	45.0	57.5	27.7	25.0	69	77	SW 2	NW 2	7	8	—	☁ at times. Gloomy p. Cold breeze.
11	17	25	55.2	45.1	42.5	56.5	25.5	23.6	58	78	NW 2	N 1	3	0	—	Squally a. Extremely fine and bright.
12	30.18	30.02	49.7	46.2	42.0	54.8	21.8	24.0	61	77	E 3	NE 2	7	2	—	Fine, but with cold breeze.
13	29.82	29.73	53.1	49.0	43.1	57.3	23.5	25.5	59	73	NE 3	NE 3	3	10	—	Very fine p.
14	29.86	30.02	52.1	45.8	43.6	54.8	25.9	24.6	67	80	N 3	NW 1	5	9	0.50	Fine, but with cold breeze.
15	30.09	30.01	57.1	49.0	42.5	58.7	31.5	31.7	68	92	NW 2	NW 1	5	9	0.00	Fine day.
16	30.03	30.01	55.7	47.0	46.2	57.8	34.3	26.2	77	82	NW 3	NW 3	4	0	0.00	Fine a. ☁ at times. ☁ from 4 p.
17	29.92	29.96	50.0	47.2	46.0	57.3	30.2	26.2	84	82	NW 2	NW 2	6	7	—	☁ showers till 3 p.
18	30.04	30.12	52.2	47.0	44.3	57.7	28.5	23.3	73	79	NW 2	SW 3	8	8	1.70	[much damage] a. ☁ p.
19	30.11	29.93	54.2	50.0	42.0	56.8	23.3	31.9	55	83	W 1	SW 3	8	8	0.80	Bar. 29.15 6 a. (violent squalls doing
20	29.62	29.52	50.2	48.0	45.7	51.3	35.8	29.7	99	99	SW 5	SW 2	10	8	0.54	Squally a. and p. Fine day. ☁ p.
21	45	59	52.2	50.0	45.4	56.4	30.8	30.0	79	84	SW 2	SW 2	8	10	0.05	Squally a. Very fine, but with cold breeze. ☁
22	48	23.71	50.0	48.8	46.7	56.5	28.6	33.5	80	94	W 4	SW 3	9	9	0.05	☁ showers nearly all day. Scotch
23	29.87	30.03	54.8	49.8	46.7	56.9	30.4	29.3	71	82	W 4	W 4	2	5	0.22	☁ early a. ☁ at times. ☁ p.
24	30.14	30.20	56.4	47.7	47.0	60.0	32.4	29.9	71	91	NW 3	NW 1	3	7	0.10	☁ early a. ☁ at times. ☁ p.
25	12	29.91	50.0	53.1	47.1	54.1	33.4	40.5	93	100	S 1	SW 3	10	10	0.13	☁ a. Fine day. ☁ p.
26	10	30.10	53.4	54.0	51.0	60.0	40.3	38.8	98	93	SW 2	NW 1	10	10	—	☁ a. Fine day. ☁ p.
27	30.05	29.94	53.3	57.6	51.1	71.6	37.9	43.2	93	90	SE 2	Calm 0	9	4	0.10	☁ a. Fine day. ☁ p.
28	29.97	29.96	57.8	53.0	50.2	66.0	40.7	36.1	84	90	SE 2	Calm 0	9	4	—	
29	30.03	30.16	58.9	51.8	50.9	65.1	37.6	34.8	75	90	SW 3	NW 1	4	4	—	
30	17	12	57.0	54.8	50.0	60.0	37.7	40.6	81	94	S 2	SW 3	10	10	0.38	
31	30.22	30.27	53.0	53.3	50.8	61.3	37.4	39.3	93	97	Calm 0	W 2	10	10	—	
Means	29.906	29.925	52.9	48.7	45.5	58.1	31.0	30.2	77.3	86.9	2.3	1.7	6.6	6.0	1.937	

Earth temperature: Mean of 11 readings taken every third day at 1 foot 56° 8; 3 feet 54° 9; 6 feet 52° 5.

LONDONDERRY.

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

MAY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.	
1	29.46	29.45	47.0	43.7	43.0	54.0	.273	.271	85	95	SE 2	SW 1	10	10	—	☁ showers.
2	52	66	55.7	43.9	39.0	59.6	.313	.265	70	92	SSE 1	ESE 1	6	0	—	
3	77	84	52.2	44.7	38.3	53.8	.306	.253	78	86	E 2	E 2	8	10	.070	
4	80	75	41.7	41.9	39.8	47.8	.239	.226	91	86	NE 2	NE 1	10	6	.010	
5	70	58	46.7	39.9	31.2	53.0	.225	.207	72	84	NW 1	W 1	10	0	.360	Fine and clear. [during day.
6	55	63	40.7	39.7	34.4	49.2	.237	.196	93	80	NE 2	NW 2	7	5	.030	☁ before 9 a. Fine and clear
7	72	83	42.7	37.7	34.9	50.1	.216	.205	79	90	NE 2	NW 1	8	10	.260	☁ showers a. and p. ☁
8	84	78	39.7	40.5	33.0	50.4	.228	.228	93	91	W 2	WSW 2	10	5	.260	☁ showers all day.
9	74	29.75	44.7	40.7	36.8	49.3	.219	.185	85	73	W 3	NW 4	10	10	.340	Squally with ☁ all day. ↗ in afternoon.
10	29.83	30.07	46.7	42.8	36.0	48.2	.301	.219	94	80	NW 4	NNW 1	6	5	—	Fine and clear.
11	30.22	30.27	47.7	39.8	38.8	53.8	.219	.227	67	91	NW 2	Caln 0	6	1	—	☁ showers p.
12	30.17	30.93	49.7	44.7	36.0	54.0	.224	.235	63	79	SW 1	SW 1	10	1	.130	☁ a. Fine during day.
13	29.87	29.98	46.7	42.7	41.0	55.0	.255	.250	81	91	SE 1	SW 1	10	1	.050	Fine and clear.
14	93	30.00	51.7	43.7	40.0	54.0	.268	.233	70	81	NW 1	NW 1	10	0	.070	
15	87	29.77	48.2	43.7	41.0	55.0	.317	.235	95	82	W 1	W 1	10	1	.310	☁ before 9 a.
16	29.77	29.90	51.7	46.7	40.8	55.2	.246	.239	86	94	N 2	N 1	10	7	.030	
17	30.00	30.07	43.7	41.0	40.2	51.3	.246	.238	87	84	N 1	N 1	7	10	.050	
18	30.06	30.02	48.7	43.4	38.9	53.6	.301	.238	87	96	S 1	S 1	10	10	.350	Fair till 1 p., then ☁.
19	29.85	29.66	50.7	44.3	37.3	56.0	.257	.268	78	92	S 2	NE 1	10	10	.090	☁ nearly all day.
20	37	27	47.7	43.7	39.5	49.9	.255	.265	73	89	NW 1	NW 1	7	10	.230	
21	24	26	52.2	45.9	42.2	56.7	.283	.271	73	89	NW 2	W 2	10	1	.110	
22	30	43	45.7	44.7	41.8	54.3	.278	.235	91	79	NW 2	W 2	10	5	.080	☁ till 2 p.
23	48	78	42.4	45.3	39.0	51.5	.254	.359	94	86	W 1	NNW 1	10	5	—	Fair and clear.
24	92	97	53.2	47.7	41.9	59.7	.273	.289	68	88	N 1	NW 1	10	0	—	Fair and clear.
25	90	84	57.2	48.7	39.9	60.6	.311	.277	66	81	NNW 1	NE 1	3	10	.110	
26	80	81	52.7	51.4	45.5	63.4	.349	.333	88	88	S 2	SW 1	1	10	—	
27	68	56	57.2	55.1	49.0	64.7	.400	.338	85	78	SE 2	SW 3	10	10	.060	
28	68	49	58.4	53.6	50.0	64.1	.336	.320	69	77	SW 2	SW 4	7	2	.170	☁ showers all day.
29	54	70	55.7	47.7	47.0	58.4	.318	.243	71	74	S 4	SSW 4	10	10	.040	
30	29.81	29.93	51.7	48.7	44.0	58.8	.283	.301	74	87	SW 2	SW 3	10	10	—	
31	30.03	30.20	52.7	50.7	46.0	55.8	.312	.325	78	88	W 3	NW 1	10	10	—	
Means	29.747	29.779	49.1	44.8	40.4	54.9	.277	.255	79.5	85.3	1.8	1.5	8.4	6.4	3.680	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

MARKREE CASTLE, SLIGO.

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

MAY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	49°	39°	54°	ins.	ins.	0%	0%	WSW 0.5	Calm	10	4	ins.	in past a.
2	29° 39'	29° 43'	49°	49°	39°	54°	29° 30'	29° 30'	80	95	SSE 2	SE 1	8	10	100	
3	47	57	49°	45°	31°	56°	302	277	86	92	ESE 2	Calm	9	8	100	
4	70	70	51°	39°	39°	55°	316	216	82	92	ENE 1	NNE 1	10	10	100	
5	74	71	44°	43°	41°	47°	257	221	89	79	E 1	Calm	8	8	—	
6	66	55	40°	38°	37°	48°	200	208	65	89	N 3	Calm	7	4	030	✱ shower 6a.
7	50	63	44°	37°	29°	40°	207	198	78	95	NNE 1	Calm	9	3	060	△ shower noon.
8	73	86	42°	35°	25°	40°	207	221	78	92	SW 3	WSW 1	7	6	150	△ showers during day.
9	85	81	43°	39°	31°	49°	236	221	78	92	WSW 3	WNW 3	9	8	100	△ showers a.
10	74	29° 81'	48°	40°	33°	51°	254	190	75	76	WNW 3	NNW 2	6	4	050	
11	29° 90'	30° 03'	43°	41°	33°	48°	217	206	70	81	N 3	Calm	8	5	—	
12	30° 22'	30° 26'	47°	39°	35°	55°	245	212	70	87	SW 0.5	Calm	8	10	410	
13	30° 16'	29° 02'	49°	43°	22°	55°	245	212	70	87	SE 3	NNW 1	9	10	140	
14	29° 81'	96	43°	40°	36°	54°	241	260	84	84	WNW 3	Calm	9	10	040	
15	95	99	47°	43°	36°	51°	259	255	80	91	WNW 3	WNW 3	8	7	180	
16	90	83	52°	45°	41°	54°	274	218	70	73	N 1	Calm	10	9	130	
17	29° 83'	29° 90'	45°	45°	41°	51°	281	284	93	94	NNW 1	NNW 1	8	10	—	
18	30° 01'	30° 07'	46°	44°	40°	48°	210	216	62	75	N 3	NNW 1	8	10	—	
19	30° 05'	30° 00'	46°	40°	37°	50°	217	234	69	92	NNW 1	Calm	8	9	030	
20	29° 81'	29° 63'	45°	43°	37°	51°	235	273	87	95	ESE 1	Calm	10	10	080	
21	25	23	42°	43°	37°	46°	235	273	87	95	ESE 1	Calm	10	10	090	
22	23	24	47°	40°	41°	51°	270	272	84	88	WNW 0.5	N 0.5	10	10	190	
23	33	45	47°	45°	41°	51°	270	272	84	88	WNW 0.5	SSW 0.5	10	10	190	
24	45	80	50°	44°	37°	50°	291	262	81	90	WNW 3	Calm	9	9	030	
25	93	95	50°	45°	34°	55°	292	289	75	96	NNW 1	Calm	8	9	—	
26	84	78	53°	53°	40°	61°	320	314	79	77	ESE 1	SSE 0.5	10	10	100	
27	79	77	53°	51°	48°	59°	293	324	71	82	SSW 1	Calm	10	10	130	
28	60	49	57°	53°	43°	60°	348	318	90	85	SSE 5	S 1	7	10	260	
29	37	47	52°	51°	49°	60°	348	318	90	85	SSW 1	SSW 1	9	8	090	
30	49	73	54°	45°	45°	55°	342	249	81	81	SSW 1	Calm	8	9	010	
31	29° 83'	29° 94'	54°	45°	41°	58°	282	262	66	88	SW 3	Calm	8	7	—	
Means	29° 728	29° 768	48°	44°	38°	53°	269	251	78°	86°	2°	0°	8°	8°	2°	700

DUBLIN.

Height above Mean Sea Level, 54 feet. Long. 6° 15' W. Lat. 53° 20' N.

MAY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 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° 46'	29° 46'	50°	47°	44°	55°	287	261	81	82	SW 2	SW 1	8	8	028	Squally early a. △ noon.
2	52	62	49°	46°	43°	55°	286	281	81	91	Calm	ESE 2	8	8	143	☁ (mist) ga. K. △ 100. T. 0.15 p. [then bright.
3	70	73	51°	48°	43°	57°	284	281	74	83	E 3	ENE 3	10	10	248	Very fine a. Cool wind. ☉ showers p. [∞.
4	69	66	44°	43°	42°	48°	249	257	86	92	NE 4	NE 3	10	10	099	Cold day, but fine. [snow.
5	64	53	44°	43°	40°	48°	214	203	72	74	NE 3	E 2	8	6	120	✱ △ a. Mountains white with
6	49	60	38°	39°	37°	46°	210	203	92	84	NNE 2	NNE 1	10	1	010	△ ✱ showers.
7	72	84	44°	42°	32°	50°	195	194	66	73	NW 2	NW 2	7	7	020	Much cirrus a. △ showers.
8	90	86	45°	43°	34°	51°	199	205	60	74	W 4	W 3	5	5	103	Squally ☉ 2 showers a. and p. Cold.
9	84	29° 83'	48°	42°	39°	53°	232	214	68	78	WSW 3	Wby N4	3	3	044	Squally ☉ 2 showers a. and p. [p.
10	29° 93'	30° 03'	46°	42°	35°	51°	202	192	64	73	WNW 4	NW 2	3	0	—	
11	30° 20'	30° 26'	48°	44°	35°	53°	200	238	59	82	N 3	Calm	4	0	—	☁ (mist) ga. Bright a. Cloudy p.
12	30° 19'	29° 08'	51°	46°	36°	57°	247	233	60	74	Calm	WNW 2	3	10	—	Brilliant sunshine. Cool wind. ∞.
13	29° 84'	95	49°	45°	43°	54°	250	233	71	78	ESE 3	NNE 1	5	1	010	△ p.
14	96	99	48°	46°	37°	54°	253	233	73	77	WNW 3	NW 2	7	3	123	Squally p.
15	97	83	51°	49°	40°	58°	267	269	70	77	Wby N3	WSW 5	9	10	266	Squally a. and p. △ 2 p. [p.
16	83	29° 85'	50°	45°	41°	55°	254	256	68	85	WNW 5	NW 2	8	1	116	△ 2 showers p. Cold wind. ☁ (mist)
17	29° 94'	30° 02'	46°	46°	41°	53°	237	239	69	74	N 3	WNW 2	5	7	—	[from 6 p.
18	30° 03'	30° 02'	45°	47°	41°	53°	237	239	69	74	N 3	WNW 3	10	3	489	Bright early a. ☉ 2 from ga. Fine
19	29° 86'	29° 07'	51°	45°	42°	52°	263	270	70	91	SSE 2	WNW 3	10	10	240	Squally ☉ 2 a. Bar. 29° 17 3.39 p. ☁
20	31	21	44°	41°	41°	48°	275	280	93	95	SE 4	Calm	0	0	—	☉ 2 showers p. ∞. [p.
21	26	27	49°	45°	41°	53°	271	267	78	88	W 4	WSW 2	7	5	134	△ a. and p.
22	34	49	51°	46°	42°	56°	262	263	69	86	WNW 3	W 1	5	4	012	Squally a. and p. △ p.
23	57	78	50°	46°	41°	56°	237	246	65	78	W 4	NW 3	7	4	—	Very fine and mild day. [cool p.
24	95	95	52°	53°	40°	59°	281	313	72	77	WNW 3	WSW 2	7	6	—	Brilliant a., then cloudy. Bright and
25	88	85	53°	49°	45°	57°	278	298	67	86	Sby E 3	ESE 1	5	0	016	Fine and warm p.
26	86	84	54°	55°	47°	61°	324	321	76	74	SW 3	SW 3	9	8	021	Very fine p., with squally p.
27	74	68	60°	54°	50°	63°	379	328	73	76	S 3	SSW 3	10	5	010	Squally a. and p. Fine and warm.
28	68	65	59°	54°	50°	63°	325	325	65	75	SSW 5	WSW 3	5	3	104	Squally a. and p. ☉ 2 showers p.
29	65	83	59°	50°	50°	63°	299	270	59	75	SSW 5	W 3	4	6	—	Very fine day.
30	29° 92'	29° 08'	55°	51°	46°	61°	257	274	58	73	Wby S4	W 3	4	6	—	Very fine till 11 a., then cloudy.
31	30° 09'	30° 19'	55°	54°	45°	60°	278	334	64	80	W 3	W 2	5	2	—	
Means	29° 769	29° 789	50°	47°	41°	55°	258	258	71°	79°	3°	2°	6°	4°	2°	532

MAY 1885.

PARSONSTOWN (BIRCH CASTLE).

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

MAY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.		
1	29° 45'	29° 37'	50° 1'	43° 0'	42° 0'	55° 6'	258	253	74	91	SW 1	Calm 0	7	10	034		
2	49	57	52° 3'	45° 0'	37° 0'	55° 4'	284	266	72	89	SSE 0° 5'	SSE 2	7	1	068		
3	67	73	52° 0'	46° 1'	41° 0'	57° 1'	287	284	74	91	E 2	ENE 1-2	9	10	059	☁ (mist) op.	
4	70	69	44° 9'	42° 8'	41° 9'	48° 0'	256	254	90	92	N 2	Calm 0	10	10	040		
5	64	54	43° 8'	42° 4'	38° 3'	50° 0'	234	229	81	85	NE 1	NNW 1	10	10	—		
6	49	63	43° 4'	37° 6'	33° 1'	48° 3'	226	206	80	91	Calm 0	NNE 0° 5'	9	7	010	▲ p.	
7	75	90	44° 2'	37° 0'	28° 0'	50° 5'	220	211	75	56	WNW 2	Calm 0	6	0	022		
8	92	90	45° 2'	42° 3'	30° 0'	51° 1'	235	244	73	91	WSW 1	WSW 2	9	10	018	▲ p.	
9	85	29° 87'	47° 8'	40° 0'	37° 0'	52° 4'	217	215	81	86	SW 3	WSW 3	5	9	068	Squally p.	
10	29° 98'	30° 12'	46° 5'	38° 3'	31° 5'	51° 4'	232	227	74	90	WNW 1	WNW 1	7	0	061	▲ p.	
11	30° 24'	30° 26'	48° 1'	45° 0'	32° 0'	56° 3'	227	235	67	79	N 2	Calm 0	7	0	—		
12	30° 18'	29° 99'	52° 1'	44° 5'	31° 9'	55° 6'	265	229	68	78	SSW 1	Calm 0	7	10	—		
13	29° 80'	29° 07'	45° 0'	42° 7'	40° 6'	53° 0'	253	252	85	92	SE 1	Calm 0	10	1	—	☁ (mist) op.	
14	30° 00'	30° 02'	45° 9'	47° 3'	33° 1'	54° 2'	273	302	89	93	NW 1	Calm 0	10	10	010		
15	30° 00'	29° 01'	50° 8'	48° 5'	43° 9'	58° 1'	311	316	84	94	W 1	SSW 2	10	10	—	☁ (mist) p.	
16	29° 90'	29° 03'	50° 8'	43° 4'	40° 4'	55° 8'	270	251	73	89	NW 1	WNW 1-2	8	9	088	▲ p.	
17	30° 01'	30° 09'	46° 9'	44° 9'	39° 7'	49° 7'	195	229	59	81	NNW 3	NNW 3	9	10	018	Squally p.	
18	30° 08'	30° 03'	47° 9'	43° 5'	39° 8'	53° 8'	198	229	59	81	NNW 1	Calm 0	9	8	012		
19	29° 83'	29° 70'	49° 4'	41° 7'	40° 0'	52° 0'	203	211	87	81	SE 1	WSW 1	10	10	324	T p. ☁ (mist) op.	
20	24	23	44° 4'	43° 9'	38° 4'	50° 6'	265	264	91	92	SSE 0° 5'	Calm 0	10	10	130		
21	29	29	48° 7'	46° 4'	41° 0'	54° 3'	279	260	81	86	WNW 0° 5'	WSW 1	10	10	025	☁ (mist) op.	
22	33	33	50° 2'	44° 9'	42° 0'	54° 9'	263	242	73	82	W 1	WSW 1-2	8	10	140	▲ p. ☁ (mist) op.	
23	30	28	49° 3'	44° 4'	36° 2'	52° 2'	232	269	66	89	W 2	W 1	10	8	371	▲ p.	
24	98	30° 00'	51° 9'	46° 8'	40° 0'	58° 8'	299	275	77	86	WSW 1	Calm 0	9	10	—	☁ (mist) op.	
25	93	29° 82'	54° 3'	51° 8'	43° 1'	56° 6'	306	318	73	83	SE 1	SE 1-2	8	10	013		
26	86	85	53° 9'	52° 9'	48° 9'	60° 5'	303	323	73	81	SW 1	SSW 1-2	10	10	067		
27	68	57	57° 5'	54° 0'	49° 3'	63° 0'	386	366	81	87	S 2	S 3-4	10	10	041	Squally op.	
28	48	59	58° 9'	50° 7'	50° 0'	59° 9'	341	313	68	84	S 3	S 3	9	5	034	Squally op.	
29	59	29° 84'	54° 8'	45° 9'	45° 9'	57° 9'	332	258	77	84	SW 2	Calm 0	9	2	149	Squally a. and p. ▲ p.	
30	29° 92	30° 02'	53° 8'	48° 0'	42° 2'	57° 8'	278	274	67	83	SW 2	SW 2	6	8	—		
31	30° 11	30° 21	54° 9'	53° 8'	44° 1'	59° 5'	325	337	75	81	SW 1	Calm 0	10	10	—		
Means	29° 772	29° 826	49° 7'	45° 2'	39° 5'	54° 7'	272	260	76° 0'	85° 4'	1° 4'	—	1° 0'	8° 6'	7° 7'	1° 912	

JUNE 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	%	%	NE	N	—	—	ins. 100	Dull and cloudy.
1	30° 22	30° 26	51° 3	49° 6	43° 7	50° 6	.252	.246	80	75	SE	NE	—	—	150	☉ showers. Mild.
2	29° 09	29° 08	49° 7	50° 5	43° 7	60° 2	.321	.275	90	90	SE	SE	—	—	—	Dull day.
3	86	68	49° 5	54° 5	47° 8	54° 7	.334	.382	95	90	S	NE	—	—	270	Fine and sunny. ☉ p.
4	72	63	57° 3	52° 3	50° 8	59° 2	.356	.344	76	88	SW	NW	—	—	—	Fine and blowy.
5	38	29° 74	58° 6	49° 7	48° 8	62° 4	.399	.224	81	63	NE	E	—	—	—	Fine and breezy.
6	97	30° 05	51° 7	49° 6	44° 5	57° 2	.240	.252	63	80	NE	E	—	—	—	Fine day.
7	29° 06	29° 05	53° 0	50° 7	43° 5	58° 4	.306	.291	76	79	SE	NE	—	—	—	Cloudy and mild.
8	30° 01	30° 01	51° 7	49° 5	42° 7	54° 5	.507	.261	80	74	SE	E	—	—	—	
9	01	20	46° 2	46° 2	41° 7	53° 7	.263	.229	85	74	NW	NE	—	—	—	
10	36	28	50° 3	45° 4	39° 1	52° 3	.229	.236	64	78	NE	E	—	—	—	
11	20	12	49° 7	57° 0	44° 3	58° 2	.290	.327	82	70	E	NE	—	—	—	Dull and cloudy.
12	09	10	61° 6	57° 3	54° 6	64° 4	.334	.341	71	73	W	W	—	—	—	Dull a. Fine p.
13	12	15	55° 7	51° 5	48° 4	57° 4	.312	.305	71	80	NW	NE	—	—	—	Fine a. Dull p.
14	20	21	52° 7	51° 5	47° 8	57° 2	.334	.271	84	72	NE	NE	—	—	—	Clear, fine, and mild.
15	12	14	55° 3	47° 7	46° 7	58° 6	.354	.313	81	95	N	N	—	—	—	Dull a. Fine p.
16	30° 10	30° 03	50° 7	49° 3	42° 7	54° 0	.279	.288	76	82	S	NE	—	—	—	Dull a. Fine p.
17	29° 87	29° 80	52° 5	51° 3	46° 5	53° 3	.322	.332	81	88	SE	SE	—	—	420	Dull and cloudy. ☉ p.
18	75	38	54° 7	55° 0	45° 7	50° 6	.321	.383	75	89	SE	NE	—	—	220	☉ showers.
19	55	36	51° 5	50° 3	48° 8	55° 3	.271	.344	72	95	NW	SW	—	—	180	
20	14	42	58° 4	47° 7	47° 6	61° 4	.345	.274	71	83	NW	NW	—	—	—	
21	64	85	48° 3	51° 5	45° 2	56° 3	.289	.305	86	80	N	S	—	—	—	Dull and cold.
22	75	71	52° 0	49° 0	44° 7	56° 6	.318	.249	82	71	SW	SW	—	—	110	Cold and windy.
23	86	29° 91	51° 3	51° 5	40° 5	50° 6	.289	.251	77	66	SW	SW	—	—	200	Dull and cloudy.
24	29° 99	30° 07	51° 7	49° 0	42° 2	50° 2	.274	.286	58	78	N	N	—	—	—	Fine a. Cloudy p.
25	30° 14	28	57° 4	50° 7	42° 9	50° 2	.291	.317	74	87	SW	NE	—	—	—	Fine day.
26	34	35	52° 7	50° 5	39° 6	55° 7	.453	.397	74	90	NW	NE	—	—	240	☉ (mist) a. Fine p.
27	29	33	64° 6	55° 5	49° 8	71° 1	.397	.380	95	91	SE	SE	—	—	—	Cloudy and mild.
28	22	07	54° 0	54° 0	52° 1	56° 9	.323	.283	74	75	SE	W	—	—	050	Fine a. Dull p.
29	04	66	55° 3	51° 5	51° 5	59° 2	.275	.298	73	78	SW	E	—	—	—	
30	30° 08	30° 08	51° 7	51° 7	45° 5	51° 7	.314	.301	77° 0	80° 6	—	—	—	—	1° 940	
Means	29° 960	29° 972	53° 4	50° 9	45° 8	57° 5	.314	.301	77° 0	80° 6	—	—	—	—	—	

BRAEMAR.

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

JUNE 1885.

JUNE 1855.																		
1	30°21'	30°20'	46°7'	48°9'	43°2'	67°8'	*227	*262	72	76	N	1	N	1	4	3	*030	Fine day.
2	29°58'	30°00'	52°6'	51°7'	43°3'	59°6'	*316	*324	79	84	NW	4	SW	1	5	1	*010	Fine day.
3	*83	30°09'	57°2'	56°8'	49°8'	62°4'	*392	*342	84	74	S	3	SW	2	7	5	*080	Fine day.
4	*69	*58	55°0'	55°7'	51°1'	60°4'	*362	*353	84	79	SW	1	S	4	5	1	—	Fine day.
5	*42	30°74'	55°3'	46°5'	46°5'	59°0'	*335	*312	77	69	SW	6	W	2	8	1	—	Fine day.
6	*66	30°00'	50°2'	46°7'	39°8'	59°5'	*312	*217	86	69	W	1	S	1	1	1	—	Fine day.
7	*92	29°94'	48°6'	45°9'	40°7'	55°8'	*262	*245	76	80	S	2	S	1	5	1	—	Fine day.
8	29°55'	30°02'	53°6'	45°9'	34°7'	55°3'	*225	*199	72	68	NW	2	NW	3	7	6	—	Fine day.
9	30°02'	*24	46°4'	44°4'	32°5'	58°3'	*225	*199	72	68	NW	2	NW	3	7	6	—	Fine day.
10	*37	*27	46°5'	46°4'	39°3'	59°7'	*260	*234	65	75	N	0°5'	SW	2	7	6	—	Dry and windy.
11	*24	*18	51°3'	53°7'	40°0'	63°7'	*263	*268	70	73	W	2	SW	2	8	7	*030	☉ shower Sp.
12	*12	*13	59°2'	56°3'	46°3'	65°8'	*302	*320	59	71	SW	4	SW	2	4	7	—	Fine, clear, and dry.
13	*12	*12	57°2'	54°5'	50°5'	60°5'	*337	*376	72	89	SW	2	NE	0°5'	1	7	—	Fine and clear a. Damp p.
14	*10	*14	57°8'	52°0'	50°3'	65°7'	*267	*323	56	83	SE	1	NE	1	1	7	—	Fine and clear a.
15	*12	*15	54°3'	47°5'	41°7'	61°7'	*220	*220	52	68	NW	2	N	1	7	7	—	Fine and clear a.
16	30°11'	30°00'	47°0'	46°5'	43°3'	54°7'	*260	*255	81	82	N	1	SW	1	7	7	—	
17	29°50'	29°53'	49°8'	50°3'	36°4'	58°7'	*218	*288	78	79	SW	1	SW	1	7	7	*020	
18	*79	*43	51°2'	53°5'	45°1'	54°7'	*272	*354	72	87	SW	2	SW	8	8	7	*230	Fair a. ☉ p.
19	*51	*27	51°5'	50°9'	48°4'	58°5'	*261	*337	69	91	SW	2	SW	4	7	9	—	Fair a.
20	*16	*43	53°0'	45°6'	45°3'	59°2'	*255	*232	64	76	NW	4	NW	6	4	7	*190	☉ showers.
21	*65	*88	49°0'	49°5'	43°3'	53°7'	*245	*261	70	74	W	2	SW	4	8	7	*010	☉ showers.
22	*78	*75	49°3'	45°6'	45°3'	55°8'	*243	*215	71	71	SW	4	SW	4	7	3	*010	☉ showers.
23	*89	29°50'	48°2'	45°2'	39°3'	54°9'	*239	*273	71	91	S	4	SW	2	7	7	*010	☉ showers.
24	29°94'	30°03'	51°1'	51°0'	40°1'	60°5'	*265	*266	71	71	SW	0°5'	NE	2	7	7	—	Fine and clear.
25	30°13'	*24	51°7'	50°5'	41°6'	59°5'	*243	*252	64	69	NE	0°5'	E	1	4	—	—	Fine and clear.
26	*39	*33	55°5'	49°5'	35°7'	60°5'	*257	*241	61	68	E	1	E	1	4	—	—	Clear a. ☉ p.
27	*26	*28	65°6'	60°4'	47°0'	70°2'	*308	*509	64	97	E	1	E	0°5'	4	7	*120	Clear a. ☉ p.
28	*17	*03	65°1'	61°0'	55°4'	70°5'	*462	*487	76	91	NE	0°5'	E	0°5'	6	10	*490	Clear a. ☉ Sp.
29	*03	*07	53°1'	49°0'	49°0'	64°2'	*310	*251	77	72	N	1	N	0°5'	7	1	—	Clear a.
30	30°07'	30°06'	49°0'	51°0'	36°7'	61°5'	*245	*288	70	77	NW	1	N	0°5'	5	7	—	Clear and dry.
Means	29°57'	29°56'	52°7'	50°4'	43°4'	60°9'	*285	*288	71°0	77°5				1°9	2°0	5°6	5°2	1°230

LAUDALE.

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

JUNE 1885.

JUNE 1882.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.				
	ins.	ins.	°	°	°	°	in.	in.	%	%					ins.			
1	30° 23	30° 22	54° 0	51° 3	48° 6	58° 0	° 329	274	79	72	N	Calm	0	7	10	ins. [threatening		
2	30° 05	30° 03	54° 0	51° 2	41° 9	57° 0	° 368	350	88	93	SW	Calm	0	10	10	480 (mist) a. and p. Day dark and		
3	29° 45	29° 7	54° 0	55° 2	51° 0	64° 2	° 388	381	93	88	SE	W	1	10	10	370 2 till ga. showers all day. (mist) p.		
4	7° 23	54	57° 0	56° 0	51° 2	60° 3	° 337	358	72	79	SW	S	8	5	10	540 showers all day. (gale) from 7p.		
5	29° 53	29° 52	51° 3	49° 3	49° 3	56° 6	° 337	394	89	84	W	NW	4	10	8	013 n. and a. (mist) a. Dull [and cold p.		
6	30° 01	30° 00	51° 0	48° 0	45° 2	56° 3	° 255	267	68	80	W	Calm	0	6	0	— Fine p. 2 p.		
7	29° 50	29° 52	57° 4	52° 8	41° 5	61° 6	° 321	323	68	80	S	Calm	0	2	5	— Fine day. Bands of cirrus SW. to NE.		
8	29° 08	30° 03	54° 3	51° 2	46° 7	61° 6	° 324	297	77	79	W	NW	2	3	7	— Very fine and warm.		
9	30° 11	30° 11	58	50° 9	47° 8	46° 0	54° 1	° 260	217	70	WSW	N	3	5	2	— At 9p. Cirrus E. to W., moving from [NW., of peculiar shape [and purple colour.		
10	38	31	51° 3	49° 3	41° 2	58° 3	° 310	337	74	81	S	SSW	5	10	7	° 050 2 shower 2p.		
11	27	24	54° 0	57° 4	47° 5	58° 3	° 310	337	74	83	WSW	S	1	8	9	° 010 Clouds rugged and white. [setting.		
12	21	16	56° 8	54° 8	54° 7	62° 7	° 354	378	76	82	N	Calm	0	10	8	° 020 (mist) ga. Red ∞ round sun at [NW., of peculiar shape [and purple colour.		
13	17	18	50° 8	52° 0	50° 1	59° 6	° 359	318	96	82	W	Calm	0	7	7	— Fair and mild. Grey ∞ in N.W.		
14	23	25	54° 0	50° 4	47° 0	57° 2	° 324	308	78	84	WNW	N	1	9	8	— Clouds from all directions ga.		
15	21	30° 18	53° 0	50° 0	44° 8	57° 3	° 277	300	69	81	WNW	Calm	0	9	7	— Dull and gloomy all day. [from 2p.		
16	30° 07	29° 05	54° 0	51° 6	43° 5	59° 0	° 306	297	73	77	Calm	W	1	6	10	° 030 (mist) ga. Dull and gloomy a.		
17	29° 09	29° 09	54° 1	49° 2	40° 6	59° 9	° 281	303	68	87	SSW	W	6	10	9	° 500 Dull and gloomy a. from 1.30 p.		
18	76	50	51° 6	52° 6	48° 0	55° 6	° 331	361	84	91	SSE	W	6	10	9	° 500 (mist) a. Cold, with showers [all day. (gale) from NW. 5p.		
19	58	26	52° 5	53° 4	48° 7	55° 2	° 334	377	84	92	N	SE	3	8	10	° 230 showers. all day.		
20	21	60	51° 1	48° 9	47° 9	54° 2	° 332	295	88	86	W	NW	2	8	10	° 050 (mist) a. Cold, with 2, till 5p.		
21	78	97	51° 8	50° 2	45° 8	55° 8	° 303	327	79	91	W	W	2	10	4	° 170 showers all day.		
22	86	83	52° 0	49° 2	45° 8	54° 3	° 315	327	81	94	W	W	3	10	4	° 090 2 showers all day.		
23	91	29° 05	52° 8	47° 0	40° 8	56° 7	° 292	273	73	85	W	Calm	0	7	3	° 030 Dull and gloomy a. Fine p.		
24	29° 08	30° 10	52° 6	44° 9	43° 2	57° 6	° 303	297	70	90	Calm	0	10	1	— Very fine and warm all day.			
25	30° 20	30° 1	53° 7	51° 6	40° 2	58° 8	° 289	285	71	75	NW	NW	2	4	1	— Very fine a. Dull p.		
26	35	37	50° 5	52° 0	40° 2	59° 8	° 318	287	70	74	Calm	0	SW	1	6	10	— Very fine and warm all day.	
27	37	33	57° 5	58° 5	50° 6	65° 3	° 394	444	85	91	Calm	0	NW	1	7	8	° 130 Dull and gloomy all day. (mist)	
28	20	12	62° 1	57° 0	54° 6	63° 7	° 480	411	87	91	Calm	0	N	2	10	10	° 010 Dull and gloomy ga., then fine.	
29	08	13	54° 0	50° 0	49° 7	58° 3	° 334	273	80	75	N	4	N	2	9	3	° 020	
30	30° 11	30° 12	52° 0	50° 0	46° 4	56° 3	° 301	271	78	76	N	3	N	2	8	10	° 020	
Means	30° 036	30° 095	53° 7	51° 4	46° 9	58° 8	° 324	° 317	78° 0	83° 3				2° 2	1° 8	7° 7	7° 0	3° 380

DUNDEE.

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

JUNE 1885.

[illegible]

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

ROTHESAY.

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

JUNE 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°	51°	45°	61°	ins.	ins.	72	80	WNW 2	SW 1	—	—	ins.	Fine day. Large ☉.
2	30°25	30°26	54°	51°	45°	61°	311	299	72	80	WNW 2	SW 1	—	—	ins.	Dull and damp. ☉
3	30°13	30°07	54°	52°	48°	55°	302	297	95	99	SSW 2	WNW 1	—	—	342	Fine and mild.
4	29°41	29°36	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	188	Fine and mild.
5	29°59	29°56	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	006	Blow and cold.
6	30°06	30°06	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Fine and warm.
7	29°59	29°53	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Fine and breezy.
8	29°58	29°54	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Cloudy a.
9	30°10	30°10	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Fine, clear, blowy, and chilly.
10	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Cloudy and mild. ● p.
11	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Fine day.
12	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Fine and mild.
13	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Fine, breezy, and chilly.
14	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Breezy and chilly.
15	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Cloudy.
16	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Dull. ● p.
17	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Dull. ● p.
18	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	(gale). ● showers.
19	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Dull, blowy, and damp.
20	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Blow and cold. ● showers.
21	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Fine day.
22	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Fine day.
23	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Clear and warm.
24	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Fine and clear a. Overcast p.
25	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Fine and warm.
26	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Fine and breezy.
27	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	Breezy and chilly.
28	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	
29	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	
30	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	—	
Means	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	1°030	

PINMORE.

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

JUNE 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°29	30°29	54°	49°	45°	60°	293	284	69	80	N 3	N 3	3	3	—	
2	30°12	30°06	55°	50°	47°	61°	298	284	69	80	N 3	N 3	3	3	—	
3	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
4	30°00	30°00	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
5	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
6	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
7	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
8	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
9	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
10	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
11	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
12	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
13	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
14	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
15	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
16	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
17	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
18	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
19	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
20	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
21	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
22	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
23	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
24	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
25	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
26	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
27	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
28	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
29	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
30	29°56	29°50	58°	55°	50°	64°	303	285	75	78	SW 3	W 4	7	10	—	
Means	30°19	30°19	56°	53°	50°	63°	305	303	87	91	SSW 2	E 1	—	—	1°030	

- 035 - 035
25 016 4009

JUNE 1885.

SCALEBY (NEAR CARLISLE).

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

JUNE 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	%	%	W	W	3	5	2	ins.				
1	30°20	30°26	54°5	51°5	45°0	64°6	298	284	70	75	W 1	W 3	5	2	—	
2	30°14	30°08	49°5	55°5	43°0	64°0	305	413	87	94	W 1	SW 1	10	10	0.04	
3	29°09	29°79	61°5	58°5	48°0	70°0	356	327	66	67	SW 4	SW 2	7	6	—	
4	27	72	57°0	52°5	45°0	62°2	394	384	85	98	W 2	N 2	10	0	—	
5	29°03	85	50°7	49°5	49°5	63°0	335	205	91	84	SW 4	Caln 0	0	8	—	
6	30°01	98	55°5	51°5	40°0	64°5	288	284	66	75	Caln 0	NE 4	5	4	0.07	
7	29°87	87	51°5	48°5	45°0	53°0	284	318	75	94	E 4	NE 4	10	10	0.230	
8	90	29°96	49°5	45°5	40°0	54°0	330	204	94	87	E 4	NE 2	10	10	0.020	
9	29°98	30°18	57°5	48°0	39°5	65°0	272	277	57	83	Caln 0	Caln 0	5	0	—	Fine all day.
10	30°36	32	54°5	47°5	34°0	62°0	266	80	80	W 2	N 1	5	0	—	Fine all day.	
11	32	27	57°5	54°5	42°0	66°5	315	370	66	88	W 1	W 1	10	10	0.010	
12	27	19	66°5	55°5	48°6	70°2	420	322	66	74	S 2	Caln 0	5	1	—	
13	18	17	65°5	54°5	41°5	70°8	397	298	68	70	Caln 0	SW 2	4	2	—	
14	13	15	65°5	55°5	45°0	67°5	430	334	69	76	SW 1	E 2	5	10	—	
15	14	30°10	60°5	52°3	44°5	70°5	353	297	67	76	Caln 0	NE 4	1	0	—	
16	30°04	29°94	55°5	54°5	45°0	68°5	358	370	82	83	SW 1	Caln 0	10	10	—	
17	29°88	89	58°5	54°5	50°0	65°0	351	303	72	71	S 1	SW 2	8	8	—	
18	87	61	55°7	54°6	49°0	62°2	319	424	73	100	SW 4	SW 5	8	10	0.430	
19	65	38	54°5	54°0	51°0	56°0	366	424	86	100	SW 4	W 5	10	10	0.070	
20	28	49	50°5	50°5	49°5	58°0	344	284	94	78	W 4	NW 5	10	10	0.30	
21	89	99	53°5	51°5	45°0	61°0	308	319	75	84	W 5	W 2	4	9	0.230	
22	93	29°83	53°5	54°5	48°5	61°0	331	370	81	88	SW 1	W 3	10	10	0.010	Overcast all day.
23	99	30°01	54°5	51°5	37°0	60°5	276	307	65	81	Caln 0	Caln 0	7	5	0.120	
24	29°97	03	49°6	49°5	45°0	62°5	353	330	100	94	Caln 0	E 1	10	10	0.040	
25	30°12	25	60°5	50°5	45°5	62°5	353	295	67	81	E 2	Caln 0	3	1	—	Fine all day.
26	34	33	57°0	52°7	37°8	73°8	319	329	68	83	E 1	NE 2	7	0	—	
27	31	26	62°5	59°0	47°0	73°8	381	322	68	64	Caln 0	E 2	0	0	—	Fine all day. T
28	30°19	03	60°5	60°5	53°5	72°0	367	434	56	83	E 1	Caln 0	6	8	0.430	
29	29°98	04	61°5	53°5	53°0	65°0	451	331	83	81	Caln 0	NW 1	9	10	—	
30	30°06	30°07	56°5	53°5	47°2	65°0	348	331	76	81	Caln 0	E 1	9	9	—	
Means	30°013	30°002	58°9	53°0	45°2	63°8	342	331	74°4	82°6	1°7	1°9	6°6	6°1	1°520	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

CRONKBORNE (DOUGLAS), ISLE OF MAN.

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

JUNE 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	48.0	44.1	61.0	in.	in.	75	91	NW 3	Calm 0	4	4	ins.	☉ a. and p. Very fine day.
2	30.26	30.29	58.2	48.0	44.1	61.0	in.	in.	75	91	SW 2	SW 2	10	9	0.005	☉ (mist) a. and p. Dull day.
3	30.21	30.11	51.8	52.2	44.1	54.6	38.3	35.5	99	91	SSW 2	Calm 0	8	9	—	☉ (mist) a. and p. ☉ p. [u.]
4	29.98	29.81	57.0	53.7	46.2	62.3	42.0	36.4	90	88	SSW 2	S 4	10	10	0.086	☉ (mist) a. ☉ p. Squally ☉
5	29.66	29.51	57.0	53.7	46.2	62.3	42.0	36.4	90	88	SSW 2	WNW 1	10	3	0.053	☉ (mist) a. ☉ p.
6	30.03	30.03	57.0	53.7	46.2	62.3	42.0	36.4	90	88	SSW 2	NE 3-4	4	8	0.202	☉ a. Very fine day. ☉ at night.
7	30.82	30.82	57.0	53.7	46.2	62.3	42.0	36.4	90	88	ENE 3	NE 3-4	10	10	0.623	Overcast, with ☉ (mist), and ☉
8	30.84	30.84	57.0	53.7	46.2	62.3	42.0	36.4	90	88	ENE 3	NE 3-4	10	4	—	Dull, with ☉ (mist). ☉ p. ☉
9	30.06	30.24	53.8	46.4	45.2	55.0	37.4	29.4	90	94	ENE 3	Calm 0	8	5	—	Squally ☉ a. and p. Very fine day. ☉
10	30.36	30.36	53.8	46.4	45.2	55.0	37.4	29.4	90	94	ENE 3	Calm 0	9	9	—	Fine day. ☉ (mist). ☉ p. ☉
11	30.34	30.34	57.0	53.7	46.2	62.3	42.0	36.4	90	94	ENE 3	Calm 0	3	1	—	Very fine day.
12	30.29	30.29	57.0	53.7	46.2	62.3	42.0	36.4	90	94	ENE 3	WSW 2-3	3	0	—	Very fine. ☉ a. ☉ p.
13	30.20	30.20	57.0	53.7	46.2	62.3	42.0	36.4	90	94	ENE 3	WSW 2-3	3	0	—	Squally ☉. Dull p.
14	30.16	30.16	57.0	53.7	46.2	62.3	42.0	36.4	90	94	ENE 3	WSW 2-3	3	0	—	Squally ☉. Very fine day.
15	30.17	30.17	57.0	53.7	46.2	62.3	42.0	36.4	90	94	ENE 3	WSW 2-3	3	0	—	Dull a. Fine p. ☉ p.
16	30.03	29.95	54.0	49.2	44.3	59.6	35.2	33.7	84	91	E 2	W 2-3	7	8	—	☉ (mist) a. Fine day. ☉ p. ☉
17	29.93	29.93	57.0	53.7	46.2	62.3	42.0	36.4	90	94	ENE 3	WSW 2-3	3	0	—	Dull a. Squally ☉ p. ☉ (mist) ☉
18	29.87	29.87	57.0	53.7	46.2	62.3	42.0	36.4	90	94	ENE 3	WSW 2-3	3	0	—	☉ (mist) a. Fine day. ☉ p. ☉
19	29.69	29.69	57.0	53.7	46.2	62.3	42.0	36.4	90	94	ENE 3	WSW 2-3	3	0	—	Squally ☉ a. ☉ showers 2p.-3.30p.
20	29.35	29.66	55.8	48.9	47.7	59.4	35.8	33.1	88	91	WNW 6-7	WNW 3	7	3	0.033	Squally ☉ a.
21	29.04	29.04	53.4	50.3	46.2	56.5	35.8	33.1	88	91	WNW 6-7	WNW 3	7	3	0.123	Squally ☉, with ☉ showers.
22	29.04	29.04	53.4	50.3	46.2	56.5	35.8	33.1	88	91	WNW 6-7	WNW 3	7	3	0.180	☉ (mist) p.
23	29.09	29.09	53.8	50.5	46.2	56.5	35.8	33.1	88	91	WNW 6-7	WNW 3	7	3	0.005	☉ (mist) p. ☉ p.
24	29.06	29.06	53.8	50.5	46.2	56.5	35.8	33.1	88	91	WNW 6-7	WNW 3	7	3	—	Fine day.
25	30.12	30.12	57.0	53.7	46.2	62.3	42.0	36.4	90	94	ENE 3	WNW 3	0	3	—	Very fine day. ☉ p.
26	30.35	30.35	57.0	53.7	46.2	62.3	42.0	36.4	90	94	ENE 3	WNW 3	0	4	—	Very fine day. ☉ p.
27	30.36	30.36	57.0	53.7	46.2	62.3	42.0	36.4	90	94	ENE 3	WNW 3	0	4	—	☉ a. Fine day.
28	30.19	30.19	57.0	53.7	46.2	62.3	42.0	36.4	90	94	ENE 3	WNW 3	0	4	—	Squally ☉ a. and p. Fine day.
29	30.05	30.05	57.0	53.7	46.2	62.3	42.0	36.4	90	94	ENE 3	WNW 3	0	4	—	Squally ☉. Fine day.
30	30.10	30.10	57.0	53.7	46.2	62.3	42.0	36.4	90	94	ENE 3	WNW 3	0	4	—	—
Means	30.035	30.029	56.4	51.3	45.8	60.7	39.7	34.8	87.5	92.2	3.3	2.4	6.5	6.0	1.799	—

STONYHURST.

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

JUNE 1885.

1	30.27	30.31	54.1	47.4	43.2	59.5	*316	*298	75	91	W 1	W 1	8	2	—	—
2	25	30.16	60.0	53.5	40.9	66.7	*328	*378	63	93	SW 1	SW 1	9	3	—	—
3	30.04	29.88	62.2	56.3	44.5	72.2	*343	*361	61	79	SSW 2	Calm 0	4	2	0.025	Fine all day.
4	29.85	*77	63.2	64.0	48.7	71.6	*401	*443	69	74	W 1	SSW 1	0	0	0.050	☉ early a.
5	29.73	29.91	60.2	52.1	51.7	67.7	*396	*336	76	86	SW 2	WSW 1	10	9	0.620	☉ 6p.
6	30.06	30.02	57.1	54.0	41.7	64.5	*304	*296	65	71	SE 1	N 1	4	9	—	—
7	29.86	29.86	49.1	49.6	47.2	56.3	*325	*328	93	93	NNE 1	NNE 1	10	10	—	—
8	29.87	29.95	51.5	48.3	47.8	56.7	*334	*285	88	85	NE 2	NE 1	10	10	—	—
9	30.05	30.21	58.9	50.0	46.6	62.7	*260	*276	53	77	N 1	NW 1	0	5	—	—
10	40	*38	54.7	51.5	39.7	61.2	*258	*293	60	77	NE 1	Calm 0	5	9	—	—
11	39	*38	56.0	54.9	45.1	65.0	*315	*327	70	70	WSW 1	SSW 1	9	10	—	—
12	36	*29	63.0	57.0	49.4	60.8	*343	*328	62	70	SW 1	Calm 0	0	0	—	Fine all day.
13	24	*17	63.2	55.0	47.3	71.2	*375	*279	64	65	NNW 1	SW 1	0	0	—	Fine all day.
14	16	*16	63.6	58.1	47.2	71.2	*421	*375	72	78	WSW 1	NNE 1	9	10	—	—
15	17	30.13	58.9	58.5	54.8	70.6	*356	*360	72	74	Calm 0	S 1	10	10	—	—
16	30.07	29.98	58.2	53.2	51.9	60.8	*294	*323	60	80	SE 1	ENE 1	10	10	0.015	—
17	29.95	*94	57.0	56.0	43.8	63.1	*305	*311	65	78	SE 2	Calm 0	9	10	—	—
18	93	*74	59.1	54.6	47.5	63.7	*330	*388	69	91	W 1	SW 3	10	10	0.370	—
19	71	*51	55.9	54.9	53.0	59.0	*305	*404	82	94	WSW 3	SW 3	10	10	0.590	—
20	38	29.62	50.5	50.0	44.2	60.2	*316	*273	87	75	WSW 4	WNW 4	10	10	0.261	—
21	29.92	30.10	52.0	51.3	47.2	58.5	*260	*318	69	84	W 4	W 2	9	10	0.221	—
22	30.04	29.93	55.5	55.3	46.3	58.6	*338	*422	76	97	WSW 2	SE 2	10	10	0.750	—
23	30.63	30.02	54.2	53.6	42.2	55.6	*312	*369	75	92	Calm 0	Calm 0	10	10	0.560	—
24	29.93	*00	50.0	48.5	47.9	54.7	*332	*325	93	96	NNE 1	Calm 0	10	10	—	—
25	30.12	*26	52.5	49.6	47.7	61.9	*329	*261	83	74	Calm 0	NE 1	10	0	—	—
26	34	*36	57.6	52.5	41.8	61.4	*297	*277	63	71	NE 1	Calm 0	3	0	—	—
27	36	*29	62.1	61.3	42.2	71.3	*322	*321	58	59	Calm 0	Calm 0	0	4	—	—
28	21	*08	61.2	59.8	52.9	71.5	*287	*399	53	77	NE 1	Calm 0	10	1	—	—
29	01	*07	63.5	55.3	49.4	69.2	*430	*311	74	72	N 1	NE 1	8	10	—	—
30	30.07	30.08	60.0	51.0	48.8	62.4	*305	*333	59	85	WSW 1	WSW 1	10	0	—	—
Means	30.059	30.051	57.5	53.9	46.8	64.0	*330	*335	70.1	80.4	1.3	1.3	7.2	6.5	3.882	—

WAKEFIELD.

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

JUNE 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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.	%	%	NW	NW	7	0	ins.	
1	30.25	30.27	55.7	53.8	44.1	64.4	.317	.353	72	85	NW	NW	1	0	0	
2	"21	30.15	63.6	56.7	40.8	71.8	.422	.393	72	85	NW	NW	1	0	0	Fine and bright.
3	30.02	29.84	64.6	64.8	42.4	76.2	.431	.434	71	72	SW	S	2	6	0	Fine day.
4	29.82	"73	67.9	72.4	49.0	83.2	.462	.578	68	73	SW	SE	2	2	7	Dull and gloomy.
5	29.68	29.89	68.8	53.8	53.2	72.6	.461	.464	65	97	S	W	2	9	10	Fine day.
6	30.04	30.03	56.0	53.8	43.9	65.7	.343	.331	74	70	N	E	2	1	3	T 6p.
7	29.86	29.86	48.7	51.4	47.3	54.2	.339	.374	99	98	E	E	2	10	10	Dull and gloomy.
8	29.86	29.92	50.4	47.8	47.2	52.0	.361	.328	98	98	N	N	3	10	10	Fine day.
9	30.03	30.20	54.8	52.8	46.7	65.8	.346	.316	81	79	N	N	4	2	5	Fine and bright.
10	"40	"39	51.8	49.2	38.0	58.8	.289	.315	75	91	N	SE	2	4	0	
11	"36	"35	57.7	57.2	40.0	68.4	.364	.339	77	72	S	NW	2	8	5	Fine day.
12	"29	"26	66.8	61.6	52.4	76.2	.457	.391	70	72	W	W	2	2	4	Fine day.
13	"21	"14	65.8	63.1	45.3	70.5	.397	.375	63	65	W	W	2	0	0	Fine day.
14	"13	"14	66.2	56.6	51.4	71.5	.404	.390	64	87	W	NW	2	3	5	
15	"16	30.15	57.0	54.8	53.0	67.2	.385	.358	81	83	N	E	2	7	9	
16	30.00	29.98	58.7	53.2	49.9	61.0	.394	.382	80	95	SE	E	2	6	9	Fine day.
17	29.95	"04	54.9	53.8	44.1	59.6	.367	.353	86	85	E	S	2	7	0	Fine from 10a. At 10.30a. two shocks of earthquake were felt; the vibrations after the shocks were very distinct. The whole lasted from 10 to 15 seconds.
18	"90	"75	60.0	58.5	42.7	67.8	.362	.431	70	89	SW	W	4	10	3	Dull and gloomy.
19	"69	"49	57.7	57.7	55.3	61.8	.413	.443	87	93	SW	SW	4	10	10	in past n.
20	"37	29.54	54.4	50.2	50.2	60.6	.358	.322	85	89	W	W	5	10	7	in past n.
21	29.88	30.05	55.7	52.6	47.8	58.7	.352	.358	79	90	W	W	8	7	5	Fine day.
22	30.04	29.90	59.6	57.5	49.2	61.4	.401	.447	78	94	S	SW	3	7	6	Dull and gloomy.
23	30.03	"09	56.7	57.7	53.2	63.6	.415	.401	90	96	SW	N	2	10	10	
24	29.91	29.99	51.8	48.4	48.1	58.6	.379	.335	98	98	N	N	2	10	10	
25	30.09	30.24	50.6	49.6	48.1	58.3	.358	.320	97	93	N	E	2	10	2	Fine day.
26	"33	"34	54.0	52.8	43.1	62.4	.352	.316	84	79	N	E	2	5	0	
27	"34	"29	57.5	57.9	58.7	66.8	.310	.346	67	71	E	S	2	0	7	Dull and gloomy.
28	30.21	"07	62.2	58.7	43.7	66.8	.300	.449	64	92	E	E	1	4	5	Fine day.
29	30.08	"07	63.6	55.5	53.2	66.9	.300	.412	85	94	N	NE	2	10	10	Dull and gloomy.
30	30.07	30.12	53.9	53.8	44.3	61.8	.374	.379	90	91	NE	NE	1	10	10	
Means	30.039	30.035	58.4	55.6	46.9	65.3	.385	.382	79.0	86.2	"2.5	"2.5	2.5	6.1	5.4	2.530

BUXTON.

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

JUNE 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	44.8	43.7	61.0	in.	in.	260	76	88	Calm	o	NW	1	6	2	ins.	—
2	30.22	30.16	62.8	53.4	36.1	69.1	317	358	56	88	Calm	o	NW	1	2	1	—	☁ (mist) 9p.	
3	29.95	29.88	63.2	57.6	49.9	71.3	331	329	57	70	Calm	o	Calm	o	3	1	—	—	
4	82	78	67.2	65.8	49.6	78.3	339	416	50	66	Calm	o	SSW	1	4	7	0.20	—	
5	29.71	29.89	60.4	49.7	49.4	68.2	391	340	75	96	W	1	NW	1	6	9	1.30	—	
6	30.00	30.02	59.7	50.9	44.3	66.1	395	293	60	79	Calm	o	ESE	1	3	5	5.80	—	
7	29.83	29.84	49.9	51.5	45.7	59.2	355	365	99	95	E	1	Calm	o	2	10	3.40	K < p.	
8	29.83	29.90	49.9	45.8	45.4	52.5	346	294	97	95	Calm	o	NE	1	5	10	8.50	☉ 2 p.	
9	30.01	30.18	56.0	46.8	43.2	65.5	305	275	65	86	NE	1	N	1	4	3	—	—	
10	37	39	51.1	46.1	34.7	59.0	250	272	67	88	Calm	o	Calm	o	6	6	—	☁ (mist) 9p.	
11	37	36	49.5	52.4	38.9	65.5	333	354	95	89	Calm	o	SW	1	7	7	—	—	
12	33	27	58.4	58.4	48.7	73.4	371	338	76	70	W	1	Calm	o	3	3	—	—	
13	23	16	59.6	55.2	46.4	74.0	404	325	79	75	Calm	o	Calm	o	2	5	—	—	
14	11	13	64.8	57.0	46.4	74.0	346	400	56	86	Calm	o	NE	5	7	8	—	—	
15	14	30.14	55.1	53.7	50.5	64.5	362	346	84	84	NE	2	Calm	o	7	8	—	—	
16	30.08	29.98	53.2	49.4	47.9	57.1	286	331	71	94	SE	1	Calm	o	9	6	—	—	
17	29.93	29.96	53.1	46.4	45.1	58.6	292	286	73	91	Calm	o	E	1	8	5	—	☁ (mist) 9a. and 9p.	
18	94	79	52.9	52.4	40.3	64.6	352	394	88	100	SW	1	SW	2	4	9	2.45	—	
19	74	54	51.4	54.3	50.8	60.9	323	344	86	82	W	2	SW	1	9	10	1.10	—	
20	40	29.51	49.2	46.8	45.0	55.3	192	263	55	82	W	1	Calm	o	9	9	2.80	—	
21	29.91	30.08	50.8	49.1	43.8	54.9	267	316	72	91	Calm	o	NW	1	7	9	0.25	—	
22	30.07	29.95	52.9	53.3	45.4	60.3	293	393	74	97	W	1	Calm	o	8	7	0.55	☁ (mist) 9a.	
23	30.02	29.99	53.7	59.4	45.4	63.4	378	405	92	93	N	1	Calm	o	7	5	7.90	—	
24	29.90	29.96	55.9	49.5	45.3	63.5	434	338	98	96	S	1	Calm	o	4	6	3.50	—	
25	30.07	30.23	48.6	48.2	45.5	52.5	319	286	94	86	E	1	Calm	o	8	7	—	—	
26	30	36	52.6	44.9	41.5	60.9	270	248	71	84	Calm	o	NE	2	6	0	—	☁ (mist) 9p.	
27	33	30	58.5	48.7	31.3	66.1	250	227	51	67	E	1	Calm	o	0	3	—	☁ (mist) 9a. and 9p.	
28	30.19	30.04	60.1	57.8	44.8	65.1	253	400	49	83	NE	1	Calm	o	2	6	—	—	
29	29.97	30.06	66.7	52.4	48.0	68.4	427	333	65	85	NE	1	Calm	o	4	8	—	—	
30	30.05	30.12	54.3	47.8	41.9	61.2	278	290	67	88	Calm	o	NW	1	8	6	—	☁ (mist) 9p.	
Means	30.036	30.043	55.8	51.7	44.3	63.7	322	329	73.3	85.8	0.6	0.7	5.3	6.0	3.775				

HILLINGTON, NORFOLK.

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

JUNE 1885.

1	30.21	30.31	55.0	46.8	45.6	62.5	370	297	86	93	NW	3	N	1	7	4	—	☁ p.
2	25	30.16	59.7	54.7	42.1	74.1	394	399	77	93	N	3	SW	1	0	5	—	☁ ² early a. Very fine and sunny.
3	30.09	29.93	66.3	56.1	45.9	76.9	518	436	81	97	SW	3	S	1	0	3	—	Very fine and sunny. ☁ p. ☁ p.
4	29.84	29.84	72.5	66.6	50.0	84.4	704	628	88	96	SW	2	SW	1	4	2	—	Very fine and sunny. ☁ p.
5	29.76	29.87	70.4	63.5	58.9	80.0	652	457	72	79	SW	4	SW	5	2	8	067	Very fine and sunny. ☁ p.
6	30.03	30.03	54.8	51.8	50.9	63.5	327	328	76	85	NE	1	NE	3	10	10	398	Overcast and gloomy all day.
7	29.84	29.83	56.1	61.8	50.9	69.1	439	507	98	92	S	1	SW	1	10	9	008	☁ ² 7.45a.—8.30a.
8	78	29.79	63.0	51.2	51.0	64.7	498	369	87	98	NE	1	NE	2	10	10	667	☁ ² 10a.—6p. and 8.30p.—10.15p.
9	29.97	30.12	52.6	46.0	46.0	60.7	335	304	84	98	NE	3	NE	1	10	2	—	☁ p.
10	30.34	30.39	52.7	46.2	30.8	58.6	278	275	70	89	NE	3	NE	1	7	4	—	Very fine and sunny.
11	41	31	58.0	52.7	34.8	66.6	311	360	65	90	N	1	E	1	3	3	—	Very fine and sunny. ☁ p.
12	32	28	61.7	50.7	44.0	78.7	447	421	82	83	SW	1	S	1	1	0	—	Very fine and sunny. ☁ p.
13	31	19	68.2	58.0	48.0	80.3	374	358	54	75	SE	2	SE	0.5	0	1	—	Very fine and sunny.
14	11	10	72.8	53.8	47.1	76.9	464	382	58	92	SE	1	NE	1	0	3	—	Very fine and sunny. ☁ p.
15	10	30.14	55.4	50.9	30.8	60.8	385	342	89	92	NE	3	NE	1	10	10	—	Overcast and gloomy.
16	30.10	29.99	58.2	52.2	47.0	66.1	311	325	64	83	E	3	E	2	10	10	040	☁
17	29.90	29.93	52.5	45.2	45.2	58.4	339	292	86	97	SE	5	NE	0.5	10	1	003	☁ p.
18	95	84	58.0	57.6	35.2	70.1	342	344	71	73	E	1	SW	3	5	2	050	Fine day.
19	76	60	62.9	60.8	54.0	70.7	441	413	78	78	SW	5	WSW	7	10	8	108	☁ a. and p.
20	43	29.54	56.7	53.0	52.8	61.8	361	313	79	78	W	5	NW	6	9	10	030	☁ (gale), with ☁ showers.
21	29.85	30.05	56.7	52.8	47.1	62.2	281	316	61	79	NW	6	NW	4	5	9	—	a. Fine and sunny.
22	30.08	30.03	60.8	54.7	46.1	64.4	457	348	86	82	SW	4	SW	3	10	10	—	☁
23	30.05	30.03	59.2	61.1	53.9	66.3	433	480	87	89	SW	1	S	0.5	10	10	—	Overcast and gloomy. ☁ p.
24	29.91	29.90	73.9	55.3	55.2	80.7	588	416	70	95	SSE	3	WNW	4	6	10	178	Fine and sunny. ☁ p.
25	29.97	30.13	55.4	51.1	51.1	56.5	415	357	95	95	NE	4	NW	6	10	10	150	Blustering day. ☁ p.
26	30.23	30.31	52.4	48.8	48.7	60.4	323	297	82	86	NE	5	NE	2	10	3	—	Cloudy and windy. ☁ p.
27	33	28	59.4	47.8	44.7	65.6	343	309	68	93	NE	3	NE	0.5	1	0	003	Very fine, sunny, and breezy. ☁ p.
28	30.17	30.03	64.4	53.3	41.8	66.6	353	386	95	95	NE	4	NE	2	6	10	026	Breezy day.
29	29.99	30.01	53.0	51.8	50.1	63.3	366	338	91	87	NE	2	NE	4	10	10	—	☁ p.
30	30.02	30.10	60.6	46.9	46.9	63.5	333	295	63	93	NE	4	NE	0.5	6	8	—	Fine and sunny. ☁ p.
Means	30.033	30.035	60.3	53.7	47.5	67.8	406	370	76.9	88.5	2.9	2.2	6.4	6.2	1.728			

UPPINGHAM.

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

JUNE 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.			
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.				
1	ins.	ins.	55.0	50.2	45.3	65.7	in.	in.	0/100	0/100	WNW	1	Calm	0	8	ins.	Bright and clear from 4p. ☁ ∞ p.		
2	25	30.15	60.9	59.1	44.3	73.4	405	429	77	86	swbyw	1	W by S	1	7	—	☁ a. Very fine day. ☁ ⁰ p.		
3	30.07	29.91	64.0	59.6	49.6	73.9	464	400	78	78	SW	3	S	1	2	—	☁ a. Much cirrus p.		
4	29.85	29.82	69.0	65.1	52.0	81.5	524	516	74	83	SSW	3	S	2	6	5	—	Day very hot and bright.	
5	29.74	29.86	70.8	60.9	57.2	77.1	603	511	85	95	SSW	4	WSW	2	7	10.33	—	Bright a. Threatening appearance p.	
6	30.01	30.01	57.1	52.2	51.7	64.4	398	391	79	100	ENE	2	SE	2	10	10.69	—	Dull all day. ☁☁☁☁☁ ⁰ p.	
7	29.83	29.82	57.4	59.7	51.4	67.7	472	513	100	100	S by E	1	S by W	2	10	10	—	☁☁☁☁☁ ⁰ a. Muggy day.	
8	78	29.82	55.0	48.8	48.6	60.1	433	345	100	100	NE	2	NNE	2	10	10.1227	—	☁☁☁☁☁ ⁰ a. ☁ all day.	
9	29.98	30.14	52.0	51.7	44.9	68.0	315	339	81	88	N by E	2	NW	1	10	10	1	—	Overcast a. Bright p. Red sunset.
10	30.36	30.39	52.6	44.7	41.8	63.1	350	296	88	100	swbyw	1	E by S	1	8	6	—	Overcast p. [∞.	
11	38	36	54.5	55.4	49.5	77.1	510	474	83	84	S by E	1	Calm	0	3	6	—	Bright and sunny. ☁ late p.	
12	35	26	65.3	62.3	49.5	77.1	510	474	83	84	W	2	Calm	0	0	1	—	Bright warm day. ☁ ⁰ p.	
13	21	12	67.8	62.1	52.2	79.3	535	480	79	85	S by E	1	Calm	0	0	6	—	☁ a. Mackerel sky ☁ p.	
14	10	09	69.9	57.2	52.3	82.8	581	450	79	95	E	1	NE	1	0	3	—	☁ ⁰ a. Hot day. Evening much	
15	12	30.13	53.1	52.8	51.1	67.0	368	348	91	87	N by E	2	E by N	2	10	10	—	Overcast most of day. [cooler. ☁ ⁰ p.	
16	30.08	29.96	58.4	52.7	49.1	68.2	330	322	63	81	SSE	3	ESE	2	10	10	1.145	—	Overcast a. Bright from 3p.
17	29.91	29.94	52.8	47.2	47.1	65.4	335	289	84	90	NE	1	E	1	10	0	—	Overcast a. Bright 11a.—6p.	
18	95	84	59.5	55.3	42.1	68	377	321	74	73	SSW	1	SW	4	4	9	—	Dark and threatening p. ☁.	
19	76	60	60.1	57.9	53.6	67.8	405	343	78	90	W by S	3	SW	6	10	10.024	—	Dark and stormy a. ☁ showers.	
20	44	29.59	53.8	49.0	48.6	61.7	290	253	70	75	W by N	4	NW	6	8	1	0.052	—	☁ all day. Sunny at mid-day.
21	29.89	30.00	54.0	52.0	46.7	61.0	265	308	64	79	NW	3	NW	3	9	10	—	Day cloudy.	
22	30.08	29.99	57.8	54.0	45.1	61.0	327	360	60	86	SW	2	SSW	2	4	10	—	Overcast, gloomy and warm.	
23	30.03	30.00	57.8	58.6	53.7	64.7	418	404	87	95	SW	1	S by W	1	10	10	0.010	—	Day warm and muggy. Deep gloom at [5p., then ☁ ⁰ .
24	29.91	29.93	66.0	55.3	55.3	75.4	461	426	73	97	S	1	NNW	1	10	10	1.230	—	☁☁☁☁☁ ⁰ a. Gloomy day, with ☁ ⁰ .
25	30.00	30.16	51.0	49.0	47.8	56.3	361	325	97	94	N	2	NE	3	10	10	0.043	—	Overcast a. Finer p., but cold.
26	26	33	53.5	47.2	47.0	64.1	293	287	71	89	NNE	2	NNE	1	10	1	—	Day very sunny, with cold wind.	
27	33	39	55.5	47.0	40.9	71.1	323	260	73	81	NE	2	NE	1	1	0	—	Bright till 1.30p., then overcast.	
28	18	05	60.6	53.7	43.5	71.2	496	387	94	94	ENE	2	NE	2	0	9	—		
29	00	02	55.2	53.1	43.4	66.8	373	368	86	91	NNE	1	NNE	2	10	10	—		
30	30.04	30.11	57.7	52.0	46.3	62.5	393	313	33	81	N by N	2	E by S	1	5	10	—	Bright 7a. Cloudy p. Gloomy later.	
Means	30.036	30.035	58.6	54.2	48.0	68.5	400	379	80.1	88.9	1.9	1.8	6.7	6.7	2.485				

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

GELDESTON (BECCLES).

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

JUNE 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	58° 9	40° 2	45° 5	59° 3	ins.	ins.	0%	0%	NNW 2	E 1	9	8	ins.	○ 6.45 p.
2	25	30° 16	62° 1	60° 2	41° 1	72° 9	355	287	05	93	WSW 1	W 1	1	1	—	Fine all day.
3	30° 13	29° 95	65° 7	55° 4	49° 5	70° 8	359	363	57	83	SSW 1	SE 1	4	0	—	○ 4 p. < 9 in evening.
4	29° 89	28° 7	73° 1	64° 0	50° 0	80° 8	468	452	58	76	SSW 2	SW 2	0	9	140	○ 9 a.
5	29° 79	29° 90	75° 8	64° 1	57° 8	81° 0	534	358	368	92	NNE 1	E 1	10	10	050	○ 4 a. and 8 a.
6	30° 01	30° 05	52° 2	51° 2	50° 7	64° 1	358	368	92	83	S 1	WSW 1	10	9	040	○ 9 p.
7	29° 84	29° 84	63° 1	64° 2	50° 9	72° 9	473	499	81	83	ENE 1	NE 1	10	10	160	○ 9 a.
8	29° 78	29° 75	60° 1	53° 1	52° 8	64° 2	509	401	95	99	N 2	WNW 1	10	3	—	Very fine all day. D 11 p.
9	29° 94	30° 11	52° 2	47° 0	46° 7	59° 9	363	303	93	94	NNE 2	N 1	4	10	—	Fine all day. D 9 p.
10	30° 34	30° 37	53° 8	47° 1	43° 5	60° 0	266	299	64	90	E 1	S 1	1	9	—	Very fine all day. D 11 p.
11	30° 39	30° 37	54° 1	48° 0	8° 0	60° 0	266	299	64	90	WSW 1	S 1	0	0	—	Very fine all day. D 9 p.
12	30° 44	30° 44	64° 1	56° 1	45° 1	71° 0	360	304	61	80	S 1	SE 1	0	0	—	Very fine all day. D 9 p.
13	30° 44	30° 44	64° 1	56° 1	45° 1	71° 0	360	304	61	80	S 1	SE 1	0	0	—	Very fine all day. D 9 p.
14	30° 44	30° 44	64° 1	56° 1	45° 1	71° 0	360	304	61	80	S 1	SE 1	0	0	—	Very fine all day. D 9 p.
15	30° 44	30° 44	64° 1	56° 1	45° 1	71° 0	360	304	61	80	S 1	SE 1	0	0	—	Very fine all day. D 9 p.
16	30° 44	30° 44	64° 1	56° 1	45° 1	71° 0	360	304	61	80	S 1	SE 1	0	0	—	Very fine all day. D 9 p.
17	30° 44	30° 44	64° 1	56° 1	45° 1	71° 0	360	304	61	80	S 1	SE 1	0	0	—	Very fine all day. D 9 p.
18	30° 44	30° 44	64° 1	56° 1	45° 1	71° 0	360	304	61	80	S 1	SE 1	0	0	—	Very fine all day. D 9 p.
19	30° 44	30° 44	64° 1	56° 1	45° 1	71° 0	360	304	61	80	S 1	SE 1	0	0	—	Very fine all day. D 9 p.
20	30° 44	30° 44	64° 1	56° 1	45° 1	71° 0	360	304	61	80	S 1	SE 1	0	0	—	Very fine all day. D 9 p.
21	30° 44	30° 44	64° 1	56° 1	45° 1	71° 0	360	304	61	80	S 1	SE 1	0	0	—	Very fine all day. D 9 p.
22	30° 44	30° 44	64° 1	56° 1	45° 1	71° 0	360	304	61	80	S 1	SE 1	0	0	—	Very fine all day. D 9 p.
23	30° 44	30° 44	64° 1	56° 1	45° 1	71° 0	360	304	61	80	S 1	SE 1	0	0	—	Very fine all day. D 9 p.
24	30° 44	30° 44	64° 1	56° 1	45° 1	71° 0	360	304	61	80	S 1	SE 1	0	0	—	Very fine all day. D 9 p.
25	30° 44	30° 44	64° 1	56° 1	45° 1	71° 0	360	304	61	80	S 1	SE 1	0	0	—	Very fine all day. D 9 p.
26	30° 44	30° 44	64° 1	56° 1	45° 1	71° 0	360	304	61	80	S 1	SE 1	0	0	—	Very fine all day. D 9 p.
27	30° 44	30° 44	64° 1	56° 1	45° 1	71° 0	360	304	61	80	S 1	SE 1	0	0	—	Very fine all day. D 9 p.
28	30° 44	30° 44	64° 1	56° 1	45° 1	71° 0	360	304	61	80	S 1	SE 1	0	0	—	Very fine all day. D 9 p.
29	30° 44	30° 44	64° 1	56° 1	45° 1	71° 0	360	304	61	80	S 1	SE 1	0	0	—	Very fine all day. D 9 p.
30	30° 44	30° 44	64° 1	56° 1	45° 1	71° 0	360	304	61	80	S 1	SE 1	0	0	—	Very fine all day. D 9 p.
Means	30° 03	30° 03	60° 4	54° 6	48° 7	65° 4	376	373	71° 6	86° 8	1° 7	1° 5	5° 3	6° 2	0° 580	

CHELTENHAM.

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

JUNE 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 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° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
2	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
3	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
4	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
5	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
6	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
7	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
8	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
9	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
10	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
11	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
12	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
13	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
14	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
15	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
16	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
17	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
18	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
19	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
20	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
21	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
22	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
23	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
24	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
25	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
26	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
27	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
28	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
29	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
30	30° 28	30° 29	58° 2	50° 6	42° 5	68° 3	352	342	73	93	NW 2	Calm 0	7	0	—	Very fine and bright.
Means	30° 02	30° 04	59° 3	55° 8	48° 2	69° 1	380	377	75° 0	84° 4	2° 1	2° 2	5° 6	6° 4	2° 070	

JUNE 1885.

CARMARTHEN.

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

JUNE 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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° 6	51° 4	41° 2	60° 2	ins.	ins.	0%	0%	W	1	Calm	0	7	0	ins.	Very fine.
2	28	30° 14	62° 9	51° 4	41° 2	67° 3	360	353	63	89	SW	1	Calm	0	4	0	—	Very fine.
3	30° 05	29° 80	63° 0	55° 0	46° 0	73° 4	368	373	59	86	E	2	Calm	0	0	1	—	
4	29° 86	28° 81	56° 3	59° 1	55° 0	67° 6	405	418	89	83	SW	1	SW	1	5	6	170	
5	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	SW	2	N	1	4	2	380	
6	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	E	2	SE	2	4	8	680	
7	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	S	1	Calm	0	10	10	490	☉ all day.
8	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	SW	1	NE	1	10	10	320	☉ all day.
9	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	N	2	N	2	10	0	—	Fine p.
10	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	Calm	0	Calm	0	1	8	—	Fine and close.
11	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	Calm	0	Calm	0	0	0	—	Very fine.
12	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	Calm	0	N	1	0	0	—	Very fine.
13	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	N	1	E	1	0	8	—	Very fine.
14	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	N	1	N	5	6	10	—	☉ before 9p. Overcast all day.
15	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	N	1	N	3	2	10	520	Dull, with ☉.
16	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	N	1	N	1	10	10	020	☉ showers.
17	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	N	1	N	1	10	10	—	Fine day.
18	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	NE	1	NW	1	10	0	—	☉ after 4p.
19	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	W	2	SW	3	2	10	200	
20	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	SW	3	SW	5	10	10	130	
21	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	N	4	W	3	7	6	020	
22	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	N	4	N	5	10	10	240	Overcast all day.
23	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	SW	2	SW	1	10	10	810	
24	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	S	1	SW	2	10	5	—	Overcast all day.
25	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	N	1	N	3	10	5	—	Fine day.
26	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	N	4	N	2	10	6	—	Very fine.
27	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	N	4	N	2	0	0	—	Very fine.
28	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	E	2	Calm	0	0	0	—	Fine and windy.
29	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	N	1	NE	5	0	2	—	Fine and windy.
30	29° 78	28° 88	54° 4	53° 6	52° 8	60° 0	409	385	96	94	N	4	N	4	5	4	—	
Means	30° 052	30° 046	60° 0	54° 3	49° 5	64° 9	378	364	74° 0	85° 7		1° 9		1° 9	5° 2	4° 9	5° 980	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

MARGATE.

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

JUNE 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	49°	48°	61°	ins.	ins.	0%	0%	W 1	Calm	0	0	ins.	Fine day.
2	30°24	30°35	57°	49°	48°	61°	333	299	71	86	S 1	SW 1	1	1	0	Fine day.
3	30°25	30°35	57°	49°	48°	61°	333	299	71	86	S 1	SW 1	1	1	0	Fine all day, and very warm.
4	30°16	29°07	63°	60°	47°	70°	357	357	58	50	S 1	SW 1	0	0	0	Fine all day, and very warm.
5	29°03	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
6	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
7	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
8	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
9	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
10	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
11	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
12	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
13	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
14	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
15	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
16	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
17	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
18	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
19	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
20	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
21	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
22	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
23	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
24	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
25	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
26	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
27	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
28	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
29	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
30	29°05	29°08	72°	59°	59°	70°	357	357	58	50	S 1	SW 1	0	0	0	Very warm.
Means	30°047	30°056	59°7	55°4	51°7	64°7	391	372	76°2	84°5	1°9	1°8	5°5	5°2	1°010	

SOUTHAMPTON.

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

JUNE 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 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°27	30°32	64°	55°	43°	72°	367	367	59	82	WNW 2	SW 1°5	4	0	0	Beautiful day throughout. [night.]
2	30°23	30°23	65°	56°	45°	71°	405	383	65	85	SW 1°5	SE 1°5	4	0	0	Beautiful day throughout. [night.]
3	30°10	29°03	67°	59°	48°	71°	399	397	58	78	SE 3°5	SE 3°5	1	0	0	Beautiful day throughout. [night.]
4	29°01	28°	72°	62°	50°	78°	442	424	54	74	SW 1°5	SE 3	10	10	0	Beautiful day and very warm. [night.]
5	29°07	29°07	62°	57°	47°	70°	457	474	97	95	SSW 2	SW 3	10	10	0	Fine and pleasant day. [night.]
6	30°00	29°09	57°	49°	36°	63°	457	474	97	95	SSW 2	SW 3	10	10	0	Very close all day. [night.]
7	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Very close all day. [night.]
8	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
9	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
10	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
11	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
12	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
13	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
14	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
15	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
16	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
17	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
18	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
19	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
20	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
21	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
22	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
23	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
24	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
25	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
26	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
27	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
28	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
29	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
30	29°08	29°08	60°	58°	56°	63°	459	468	87	96	SW 2	SW 1°5	10	10	0	Fine and pleasant from 11 a. [night.]
Means	30°055	30°057	61°6	57°7	50°7	68°8	395	400	73°2	83°8	2°4	2°0	6°5	5°6	1°560	

JUNE 1885.

ST. LEONARDS.

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

JUNE 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.					Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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°24	30°32	61°9	55°2	49°0	66°8	341	337	62	78	NW 1	ESE 1	3	2		—	Fine all day.
2	30°32	30°22	57°0	55°8	49°6	63°7	369	360	79	80	SW 3	Calm 0	0	0		—	Fine day.
3	30°15	29°05	59°2	62°6	51°0	69°8	400	383	80	68	SE 2	ESE 1	2	1		—	Fine day. ☉ 1p.
4	29°05	29°05	64°0	66°1	55°4	60°9	423	405	71	64	SE 2	ESE 1	1	0		—	Fine till 11a., then cloudy.
5	29°09	29°09	61°7	59°5	58°6	61°9	451	446	99	95	SSE 1	ESE 1	10	7		—	Cloudy till 11a. Day cloudy.
6	30°03	30°03	59°3	57°3	55°6	61°9	451	446	99	95	SW 3	S 1	4	10		—	Cloudy day.
7	29°08	29°08	60°9	58°5	56°9	65°3	456	438	86	92	ESE 2	WSW 1	10	10		—	Overcast all day, with ☁.
8	29°08	29°08	60°9	58°5	56°9	65°3	456	438	86	92	ESE 2	WSW 1	10	10		—	Overcast all day, with ☁.
9	29°04	30°13	55°2	54°1	53°9	59°0	340	303	93	93	NNE 3	NE 2	10	7		—	Overcast all day, with ☁.
10	30°30	30°35	59°0	45°0	47°5	62°4	340	278	68	84	NE 3	ENE 3	3	0		—	Overcast all day, with ☁.
11	30°38	30°38	58°7	45°0	47°5	59°5	322	286	66	77	ENE 3	E 2	3	0		—	Fine all day.
12	30°38	29°39	58°7	57°2	46°7	65°5	356	318	73	63	ESE 2	E 1	0	0		—	Very fine all day.
13	30°22	30°13	65°4	61°9	54°0	71°0	419	358	67	65	ESE 3	ENE 3	0	0		—	Fine all day.
14	30°08	30°04	75°6	63°8	55°9	76°7	511	495	57	83	N 1	N 3	0	0		—	Fine all day.
15	30°04	30°08	68°3	55°6	55°6	73°7	423	382	62	86	NE 3	NE 4	0	9		—	most of day.
16	30°05	29°08	68°3	55°6	55°6	73°7	423	382	62	86	NE 3	NE 4	0	9		—	most of day.
17	30°05	29°08	68°3	55°6	55°6	73°7	423	382	62	86	NE 3	NE 4	0	9		—	most of day.
18	30°05	29°08	68°3	55°6	55°6	73°7	423	382	62	86	NE 3	NE 4	0	9		—	most of day.
19	30°05	29°08	68°3	55°6	55°6	73°7	423	382	62	86	NE 3	NE 4	0	9		—	most of day.
20	30°05	29°08	68°3	55°6	55°6	73°7	423	382	62	86	NE 3	NE 4	0	9		—	most of day.
21	30°05	29°08	68°3	55°6	55°6	73°7	423	382	62	86	NE 3	NE 4	0	9		—	most of day.
22	30°10	30°13	58°3	56°2	48°8	59°3	386	307	80	81	SW 4	WSW 4	3	10		—	Overcast day.
23	30°11	30°05	58°0	58°8	55°4	77°0	446	483	71	70	ENE 2	NW 2	2	3		—	Overcast day.
24	29°02	29°05	68°5	57°2	57°2	71°0	506	409	87	80	N 4	NE 3	10	0		—	Overcast till 6p. Cold night.
25	29°03	30°05	68°5	57°2	57°2	71°0	506	409	87	80	N 4	NE 3	10	0		—	Fine all day. ☁ at night.
26	30°16	30°13	54°8	52°7	50°1	69°3	398	337	65	83	ENE 4	NE 4	10	2		—	Overcast till 6p. Cold night.
27	30°16	30°13	54°8	52°7	50°1	69°3	398	337	65	83	ENE 4	NE 4	10	2		—	Overcast till 6p. Cold night.
28	30°09	29°09	60°0	53°2	50°1	69°3	403	332	78	82	ENE 4	NE 4	10	2		—	Overcast till 6p. Cold night.
29	29°01	29°04	59°0	50°6	50°7	68°8	378	359	74	84	NNE 5	ENE 3	5	9		—	Overcast till 6p. Cold night.
30	29°07	30°08	59°8	52°4	52°4	68°6	356	318	69	81	NNE 4	NNE 3	6	2		—	Overcast till 6p. Cold night.
Means	30°044	30°043	60°6	56°6	52°4	65°7	403	350	75°8	82°5	3°0	2°6	4°5	3°9	1°110		

BABBACOMBE.

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

JUNE 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	51.5	65.0	ins.	ins.	73	73	E 1	WSW 2	2	1	ins.	☐ n. and p. Fine day.
2	30.29	30.21	64.0	53.4	46.0	65.8	325	307	67	73	E 1	NE 1	1	0	—	☐ n. Very fine day. ☐ (mist)
3	30.06	29.93	62.1	54.0	48.2	63.2	352	364	63	87	SSE 3	NE 1	1	1	—	☐ n. Very fine day. ☐ (mist) p.
4	29.91	29.86	65.8	57.4	49.4	72.7	425	412	67	87	S 3	ENE 1	2	2	—	☐ n. and p. Fine day. ☐ 5p.-10p.
5	29.86	29.85	58.2	55.9	54.3	63.1	415	434	85	98	SW 5	SW 3	9	10	0.070	☐ (mist) p.
6	29.99	29.96	58.8	55.4	55.0	61.7	464	436	94	99	SSE 1	S 2	10	10	0.140	☐ and ☐ (mist) a. and p. Dull day.
7	29.87	29.85	58.5	55.0	55.0	60.7	472	415	96	96	SSW 3	E 1	10	9	0.090	☐ and ☐ (mist) a. and p. ☐ p.
8	29.77	29.84	55.1	57.0	54.1	63.8	431	434	99	93	NE 1	NNE 3	10	10	380	☐ till 10.30a.
9	30.01	30.17	58.2	55.8	53.2	64.0	379	324	78	73	NE 3	NNW 3	6	9	—	☐ (mist) p.
10	30.31	30.36	57.0	51.0	48.5	60.4	325	327	70	87	ENE 3	SW 1	1	4	—	☐ till 1p. ☐ p.
11	30.38	30.38	55.6	54.0	47.1	60.0	317	334	72	79	ENE 2	WNW 1	2	4	—	☐ n. and p. ☐ 7p.-8.30p.
12	30.38	30.29	59.6	54.1	47.0	63.1	344	299	67	72	NE 1	Calm	0	0	—	☐ a. and p. Very fine day.
13	30.22	30.14	64.8	58.9	51.4	69.7	340	381	55	77	ENE 1	E 1	0	0	—	☐ n. and p. Cloudless. ☐ 5p.-11p.
14	30.10	30.07	67.0	62.4	49.0	72.7	302	379	46	68	NE 1	WNW 2	0	1	—	☐ n. Very fine day. ☐ 8p.-10.30p.
15	30.09	30.07	64.2	60.8	57.3	70.9	431	467	72	88	NE 2	ENE 2	1	9	—	☐ a. ☐ 2p. Gloomy evening.
16	30.01	29.89	54.0	55.8	53.2	61.0	412	407	99	91	ENE 3	NNW 1	10	10	0.040	☐ and ☐ 9a. ☐ (mist) p. Gloomy.
17	29.87	29.88	56.0	55.2	53.4	61.3	393	325	88	75	NNE 2	NW 3	10	6	—	☐ (mist) a. and p.
18	29.80	29.82	63.2	54.1	48.0	67.6	404	384	70	91	E 1	SW 3	6	10	—	☐
19	29.89	29.86	63.1	56.5	54.1	64.4	469	441	82	97	WSW 3	SW 5	9	10	0.050	Gloomy, with ☐ (mist) p.
20	29.64	29.85	56.2	53.1	53.1	59.8	331	307	73	76	W 6	NW 3	8	8	0.010	Squally ☐ (gale) a.
21	30.12	30.24	56.3	50.7	48.0	62.9	270	295	60	80	NW 4	W 1	7	0	—	Very clear a. ☐ p.
22	30.07	30.07	54.9	54.4	45.5	58.0	340	415	80	98	SW 4	SW 4	10	10	0.040	☐ (mist) p.
23	30.06	30.00	58.4	56.0	54.3	63.3	407	443	96	99	SSW 3	SSW 2	10	10	0.160	☐ n. and p. ☐ (mist) p.
24	29.91	29.93	58.4	56.3	54.3	62.0	472	424	97	93	WSW 1	NW 1	10	10	0.020	☐ till 7.15a. Dull day. ☐
25	30.02	30.14	55.2	55.7	53.1	64.3	403	379	93	86	NNE 2	NNE 3	10	10	—	☐ (mist) a. and p. Very gloomy evening.
26	30.22	30.25	52.3	56.2	51.5	60.8	302	329	77	73	NE 4	E 4	10	9	—	☐
27	30.26	30.26	56.0	55.2	50.3	64.5	298	349	67	81	ENE 5	NE 1	0	1	—	Squally before 9a. Very fine day. ☐ p.
28	30.13	30.00	52.3	55.8	51.4	65.5	311	343	79	77	ENE 4	NNE 1	8	2	—	☐ n. and p. ☐ 7p.-8.30p.
29	29.96	29.98	62.9	62.0	53.2	68.8	397	456	70	82	NE 3	N 4	2	10	—	Squally a. and p. ☐ 4p. ☐ p.
30	30.04	30.10	63.3	55.5	55.4	66.6	384	336	66	77	NE 2	NW 3	2	9	0.020	Squally a. and p. ☐ Noon-1.45p.
Means	30.062	30.058	59.0	55.7	51.4	64.3	378	377	76.3	84.8	2.6	2.1	5.6	6.2	1.020	

ST. AUBIN'S, JERSEY.

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

JUNE 1885.

1	30.30	30.35	58.8	58.3	51.0	66.8	419	284	85	58	N 1	NE 2	8	0	—	Extremely fine day.
2	30.35	30.21	61.5	57.2	50.1	68.3	347	344	64	73	E 2	NE 2	0	0	—	Perfect weather.
3	30.10	29.96	64.5	64.0	53.0	73.1	333	370	55	65	E 2	SW 2	2	0	—	Sunniest day since June 16th, 1883.
4	29.97	29.91	65.8	67.2	56.2	78.2	423	486	68	73	N 1	Calm	0	3	—	Extremely fine day.
5	29.98	30.05	61.5	60.0	56.3	68.3	433	438	79	85	SW 2	SW 2	9	9	0.075	Sea roaring 9p. ☐ at night.
6	30.06	30.00	62.5	63.0	56.4	67.2	477	474	84	82	SE 3	E 2	8	4	0.080	T 6a.-7a. Very fine p.
7	29.97	29.91	62.0	60.4	55.2	66.6	456	486	82	93	SE 1	Calm	0	9	0.065	Very cloudy day.
8	29.80	29.85	62.0	55.0	55.0	67.6	487	403	88	93	NW 1	NW 1	0	10	0.008	Very cloudy day. ☐ p.
9	30.01	30.17	55.9	55.3	52.0	61.0	374	397	84	90	N 2	NE 2	4	10	—	Day bright, with squally cold breeze.
10	30.26	30.31	61.0	51.8	51.8	63.8	250	277	47	72	NE 3	NE 4	1	1	—	Day bright, with squally cold breeze.
11	30.37	30.38	57.1	52.2	47.8	61.0	286	268	62	69	NE 3	NE 2	4	0	—	☐ a. Extremely fine day. Fine sunset.
12	30.37	30.28	61.2	55.8	48.4	66.0	342	319	63	71	E 2	NE 2	1	0	—	Perfect summer day. Humidity 42% 1p.
13	30.21	30.13	69.0	60.8	53.6	74.2	330	295	47	56	E 1	NE 2	0	0	—	Hottest June day since 1878. Distant
14	30.09	30.07	73.4	66.0	57.4	80.2	435	361	52	57	Calm	Calm	0	10	0.035	☐ after 9p.
15	30.05	30.04	65.0	60.0	59.2	72.8	466	369	76	71	Calm	E 3	6	1	—	T 5.30a. Fine day. Squally p.
16	29.97	29.84	63.5	60.0	54.5	71.7	467	352	79	97	E 2	Calm	0	7	0.610	Fine till 4p. ☐ 5p.-6p.
17	29.82	30.00	57.2	55.0	54.8	60.2	459	389	98	90	N 2	Calm	0	9	—	Cuckoo heard at 3.35a. Gloomy day.
18	30.09	30.09	61.0	52.5	51.3	63.8	410	333	77	84	NW 2	Calm	0	3	0.012	☐ a. Extremely fine and bright, but
19	30.02	29.93	58.7	58.2	51.8	63.0	456	448	93	82	WSW 3	SW 3	9	10	0.070	Gloomy day. ☐ cool. ☐ p.
20	29.80	29.91	57.5	54.0	53.1	60.3	419	360	88	86	SW 4	NW 2	10	8	—	Squally a. and p. Very cloudy.
21	30.17	30.29	59.0	52.2	50.8	62.0	330	332	66	85	WNW 2	NW 1	2	0	—	☐ a. and p. Extremely fine, but
22	30.27	30.19	57.6	58.0	47.8	63.4	324	380	69	79	SW 2	Calm	0	3	—	☐ a. Fine day. Strong smell of sea.
23	30.15	30.13	58.4	60.0	55.6	68.0	445	423	91	82	SW 1	NE 1	10	7	0.003	Gloomy a. Very fine p. ☐ 11p.
24	29.92	29.96	66.5	55.2	55.2	68.4	458	395	70	91	Calm	Calm	0	8	0.040	Fair a. Gloomy with ☐ p.
25	29.99	30.09	63.0	57.2	54.1	64.7	455	418	79	89	NNE 1	NNE 2	8	10	—	Very gloomy.
26	30.15	30.20	56.4	55.7	54.5	58.5	391	371	86	84	NE 2	NE 3	10	10	—	Gloomy with cold wind. ☐ day.
27	30.14	30.14	57.0	55.8	53.3	61.1	388	358	83	80	NE 3	NE 2	10	0	—	Squally a. Gloomy, with cold wind, all
28	30.04	30.05	58.0	58.0	54.2	65.4	393	296	81	61	NE 3	NE 3	9	8	0.023	Squally a. ☐ 3p.-5p.
29	29.94	29.95	58.5	55.8	53.2	60.2	359	393	73	88	NE 2	NE 2	9	8	—	Day gloomy.
30	30.02	30.11	54.8	53.4	53.0	62.2	351	358	82	99	NE 2	N 1	10	3	—	Gloomy a. Very fine p. ☐ p.
Means	30.081	30.080	60.9	57.6	53.4	66.4	399	378	75.0	79.5	1.8	1.5	6.2	5.2	1.021	

Earth temperature: Mean of 10 readings (taken every third day), at 1 foot, 63.2; 3 feet, 62.1; 6 feet, 56.1.

LONDONDERRY.

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

JUNE 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	56.2	51.6	46.8	66.4	in.	in.	73	73	NW 1	NW 1	6	10	ins.	Fine all day.
2	30.14	30.05	59.7	56.2	50.8	60.4	.411	.431	80	96	W 1	S 1	10	10	.140	
3	29.87	29.76	58.7	54.9	54.0	68.0	.390	.408	78	95	SSW 1	SW 1	10	10	.120	☉ from 6p.
4	29.86	29.82	60.7	59.7	52.4	66.0	.384	.411	73	80	SW 1	SW 4	10	10	.040	
5	29.67	29.64	52.7	48.7	46.2	62.6	.325	.285	81	83	NW 2	SW 1	10	1	—	Fine all day.
6	30.06	30.06	59.7	52.5	43.0	64.5	.296	.278	58	70	S 1	SE 1	4	10	—	Fine all day.
7	29.86	29.88	57.7	51.4	45.0	64.3	.335	.341	70	90	E 2	NE 1	8	10	—	Fine all day. ☼ ⁰ (mist).
8	29.98	30.09	54.7	49.1	44.9	59.8	.302	.297	71	85	NNE 2	NE 1	5	10	—	
9	30.21	30.27	54.2	47.2	43.8	50.0	.255	.249	69	77	NNW 1	N 1	7	9	—	
10	30.39	30.34	55.7	53.7	38.4	66.0	.302	.319	67	77	NE 1	Calm	0	10	10	Fine and clear all day.
11	30.32	30.30	58.4	60.2	50.5	67.0	.385	.418	79	80	W 1	SW 1	10	2	—	
12	30.26	30.23	58.2	55.7	52.6	67.8	.401	.388	82	87	S 3	SW 1	9	1	—	
13	30.23	30.20	57.2	55.7	46.9	67.9	.395	.407	84	92	SW 3	S 1	10	10	.030	Fine and clear all day.
14	29.77	29.70	61.2	49.7	47.8	63.4	.310	.312	61	88	NE 1	WNW 1	4	6	—	Fine and clear all day.
15	29.28	29.23	59.7	49.2	46.2	65.4	.279	.294	55	84	NNW 1	NW 1	7	8	—	
16	30.09	29.99	55.8	49.6	46.0	63.8	.295	.301	66	82	SE 1	NE 1	8	8	—	Fine and clear all day.
17	29.94	29.84	59.8	51.7	41.9	63.1	.328	.301	64	78	SW 1	SW 2	5	10	.040	Day dull and overcast.
18	29.75	29.64	54.7	53.7	49.0	60.3	.363	.376	85	91	SW 3	SW 3	10	10	.090	☉ till 1p.
19	29.63	29.58	55.2	51.7	49.8	58.0	.357	.337	82	88	SW 3	SSW 4	10	9	.080	
20	29.37	29.27	54.0	49.2	46.0	59.5	.320	.278	76	79	WNW 2	N 3	9	10	.180	☉ showers all day.
21	29.97	29.90	53.7	51.7	46.8	56.1	.312	.313	75	81	WNW 4	W 3	10	10	.030	Dull and overcast.
22	29.80	29.66	53.7	47.2	45.0	63.5	.339	.367	88	81	S 3	WNW 1	10	1	.020	
23	29.97	29.90	54.6	51.5	42.2	62.0	.280	.312	66	82	SW 2	S 1	5	10	—	
24	30.01	30.03	59.9	47.2	45.0	64.0	.322	.275	62	86	S 1	SE 1	5	0	.010	
25	29.25	29.37	59.6	48.2	41.0	60.8	.295	.270	57	81	NW 2	NNE 1	6	1	—	Fine and clear all day.
26	29.40	29.41	61.9	51.9	39.2	65.5	.320	.308	57	80	NW 1	N 1	4	10	—	
27	29.40	29.34	57.7	56.7	50.0	70.0	.384	.430	80	95	NW 1	NE 1	10	10	—	
28	29.22	29.15	65.3	57.0	54.5	72.0	.440	.431	72	92	W 1	NE 1	8	10	.030	
29	29.19	29.20	55.7	50.7	46.9	60.4	.395	.277	89	75	NNW 2	NW 1	10	3	.010	Fine and clear all day.
30	30.19	30.18	53.0	51.3	47.7	58.7	.286	.289	71	76	NW 2	NW 1	10	10	—	
Means	30.060	30.064	57.2	52.2	46.7	63.5	.338	.330	71.9	83.7	1.7	1.4	8.0	7.6	0.820	

MARKREE CASTLE, SLIGO.

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

JUNE 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	58.2	58.3	57.1	58.7	29.3	29.2	64	82	Calm	SSW 0.5	7	10	—	Overcast all day.
2	30.14	30.02	57.0	56.0	54.8	58.7	29.8	29.7	88	97	SSW 0.5	SSE 0.5	10	10	—	
3	29.81	29.74	59.9	54.9	50.5	65.3	32.2	32.2	82	89	SSW 2	Calm	0	9	10	
4	72	49	57.0	56.3	51.1	64.4	30.7	30.7	79	85	SSE 2	SSW 5	10	10	—	
5	29.69	29.64	53.4	47.3	47.0	57.3	27.5	26.8	68	83	NNW 2	Calm	0	7	7	
6	30.01	30.00	55.1	49.8	33.3	62.7	27.9	25.1	64	70	E 0.5	Calm	0	4	10	
7	29.79	29.83	59.9	55.1	44.7	63.7	37.5	34.6	72	79	ENE 1	ENE 0.5	9	10	—	
8	29.92	30.07	52.8	49.7	48.2	60.4	29.3	29.5	74	83	NNE 1	N 2	10	10	—	
9	30.19	30.33	51.1	44.7	42.0	56.1	25.8	24.0	69	82	NNE 2	Calm	0	9	4	
10	30.36	30.31	51.5	51.2	33.5	62.9	27.8	29.7	73	79	Calm	Calm	0	8	10	
11	30.33	30.29	57.7	57.1	46.2	67.9	39.5	41.3	82	88	Calm	SSE 0.5	10	6	—	Overcast all day.
12	30.25	30.21	56.8	53.0	51.1	63.4	38.0	36.1	82	90	S 1	Calm	0	10	9	
13	30.19	30.17	58.2	55.0	47.2	65.7	39.0	38.3	80	89	Calm	N 0.5	10	10	—	
14	30.25	30.29	56.3	49.9	49.2	59.1	33.1	29.4	72	83	NNW 2	N 2	7	6	—	
15	30.26	30.18	54.1	46.9	43.2	59.0	30.7	26.3	74	83	NNW 3	Calm	0	9	10	
16	30.06	29.95	52.7	50.0	41.7	61.9	28.2	29.3	71	82	Calm	NNW 0.5	9	10	—	
17	29.94	29.93	54.2	50.2	38.1	56.6	34.2	31.2	81	86	SW 0.5	W 0.5	10	10	—	
18	30.07	30.08	55.7	54.0	49.2	59.7	30.5	29.0	91	95	S 3	W 2	10	10	—	
19	30.00	30.00	58.1	52.0	50.3	59.1	40.0	39.4	82	76	SSW 2	FWSW 1	10	10	—	
20	29.43	29.83	53.0	50.0	47.5	55.1	37.1	27.3	92	76	W 4	NW 4	10	8	120	Overcast all day.
21	30.05	30.07	53.1	50.2	47.5	57.5	30.4	29.3	72	81	NW 5	W 0.5	10	10	—	
22	29.75	29.94	53.5	45.6	44.9	62.2	39.9	26.3	97	86	S 2	Calm	0	10	8	
23	29.95	29.98	55.1	49.5	33.7	58.9	28.3	31.1	65	89	SSW 2	Calm	0	10	9	
24	29.98	30.11	54.1	46.1	39.0	56.8	29.1	26.4	70	85	N 1	Calm	0	8	3	
25	30.24	30.34	54.7	47.2	31.9	59.2	28.4	26.0	67	81	NNW 2	N 0.5	8	4	—	
26	30.37	30.38	55.7	51.0	34.2	59.2	29.9	30.9	67	82	N 1	NNE 2	7	10	—	
27	30.36	30.27	59.1	57.1	48.1	65.7	38.2	43.0	70	91	Calm	N 0.5	8	9	—	
28	30.17	30.10	66.0	56.2	46.3	72.0	49.3	42.5	78	94	Calm	NNW 5	6	10	—	
29	30.17	30.19	55.3	50.4	49.5	57.3	30.9	28.4	70	79	NE 2	NNW 3	10	9	—	
30	30.10	30.18	51.9	51.0	49.1	55.3	31.6	30.4	82	81	NNE 3	Calm	0	10	—	
Means	30.039	30.044	55.6	51.5	44.4	61.1	34.0	32.4	76.1	84.2	1.5	1.0	8.8	8.7	0.530	

DUBLIN.

Height above Mean Sea Level, 54 feet. Long. 6° 15' W. Lat. 53° 20' N.

JUNE 1885.

1	30.31	30.27	56.9	55.8	45.9	62.6	28.2	28.8	62	78	NW 2	NE 1	1	1	—	Very fine and bright. ☁ after 9p.
2	30.21	30.09	59.9	59.6	54.9	68.2	30.4	32.7	76	65	WSW 3	SW 3	8	4	—	Day very fine and warm.
3	29.94	29.79	64.2	60.9	50.9	73.3	40.1	34.2	66	64	S 3	SW 3	7	0	—	Cloudy a. Brilliant and warm p.
4	78	66	63.1	58.0	55.9	63.7	41.2	36.3	71	70	SSE 2	S 2	8	1	0.71	☁ (mist) 9a. Electrical cirrus till 12p. then brilliant.
5	29.71	29.94	55.6	55.0	53.9	63.6	35.1	29.5	79	69	W 3	NNW 2	10	3	—	Squally a. ☁ after 5a. Bright p.
6	30.06	30.06	57.6	52.2	43.7	60.9	30.1	29.6	64	76	E 3	ENE 1	1	8	3.00	Brilliant a. Cir. from S. ☉ noon.
7	29.78	29.81	53.8	52.0	51.0	54.4	30.4	30.8	95	95	NE 2	NE 2	10	10	5.01	Very gloomy and chilly, with ☁.
8	29.86	30.01	51.9	51.2	50.0	52.6	36.9	34.2	99	91	NE 3	N 2	10	10	1.74	☁ till 3p. Dull p.
9	30.15	30.30	55.2	50.8	46.6	59.8	31.4	27.7	72	75	NW 3	N 2	4	0	—	Very fine, with cool breeze. ☁ 11p.
10	30.38	30.35	53.8	50.8	40.9	59.5	28.7	27.5	69	74	E 2	WSW 2	7	3	—	☁ (mist) 9a. and 9p. Much cirrus a.
11	30.34	30.35	59.2	60.3	46.7	65.4	35.2	42.2	70	81	WSW 2	Calm	0	8	6	Electrical cirri p. Very warm p. ☁ After-glow.
12	30.31	30.25	63.8	61.4	53.1	71.7	41.6	37.1	70	69	ESE 2	WSW 3	1	0	—	☁ a. Day brilliant. "After-glow."
13	30.23	30.17	62.5	58.3	52.0	69.0	36.1	36.9	64	76	WSW 3	E by S 2	1	0	—	Brilliant day. ☁ at night.
14	30.22	30.26	59.1	54.0	52.1	61.3	39.7	29.5	79	71	NE 2	N 3	10	2	—	Overcast a. Bright and cool evening.
15	30.25	30.19	56.9	52.5	44.1	61.0	38.8	28.5	62	72	N 3	ENE 2	6	0	—	Cloudy a. Cool breeze. [breeze.]
16	30.07	29.97	53.1	52.2	45.3	60.5	29.7	28.5	73	74	NNW 2	S 1	9	7	—	Cloudy till 11a. Brilliant p. Cool
17	29.94	29.97	60.0	56.3	46.8	65.9	32.0	29.9	62	66	NW 2	W 1	0	7	—	Very fine a. Cloudy p. Much cirrus.
18	29.89	29.73	58.1	57.4	51.1	66.5	31.1	24.5	65	90	SW 4	W 4	8	8	0.60	Cloudy a. Squally a. and p. ☁ from 1p.
19	30.71	30.48	58.2	57.0	52.8	63.7	39.8	40.8	82	88	WSW 4	WSW 5	10	9	0.50	Squally a. and p. Cloudy all day.
20	29.44	29.80	57.7	51.0	49.6	61.7	34.1	26.9	72	72	W. N. 6	NW 5	5	0	—	Squally a. and p.
21	30.05	30.13	53.2	54.4	46.0	60.8	28.9	32.3	72	76	NNW 4	W 3	8	8	0.30	Cold and clear n. Cloudy a.
22	29.90	29.96	56.3	56.0	49.8	65.0	35.6	34.8	78	77	SSW 3	WSW 2	10	3	—	Cloudy and unsettled a. a. and p.
23	30.02	30.00	53.4	54.2	48.1	63.5	27.7	36.1	69	86	W 1	SSE 1	6	10	3.20	Overcast early a. Very fine from 9a. [Cool breeze.]
24	30.00	30.08	52.4	52.2	49.9	58.8	35.8	33.2	91	85	NW 2	N 2	10	3	—	☁ in past n.
25	30.20	30.32	56.9	53.0	41.3	63.0	28.8	27.9	62	70	NNE 3	NE 1	2	0	—	Very fine and bright, but cool.
26	30.38	30.37	59.7	54.3	45.2	64.1	35.2	29.4	68	70	NE 2	E 1	2	1	—	☁ a. Brilliant all day.
27	30.39	30.29	60.1	55.9	46.2	64.6	38.7	35.3	56	81	E 3	NE 1	0	0	—	Brilliant all day. ☁ p.
28	30.19	30.10	62.2	59.0	47.9	67.0	43.3	34.7	76	70	NE 2	Calm	0	7	2	☁ a. and p. Fine and warm. Cool
29	30.14	30.16	58.8	54.8	54.4	65.3	37.1	28.6	75	67	N 4	NNW 3	10	0	—	Overcast a. Brilliant p. [breeze p.]
30	30.16	30.18	55.1	54.1	44.8	59.5	29.7	28.3	69	68	N 3	NNW 2	10	5	—	Cloudy and cool all day.
Means	30.067	30.064	57.6	55.2	48.8	63.5	34.3	32.9	72.2	75.7	2.8	2.1	6.3	3.9	1.506	

PARSONSTOWN (BIRK CASTLE).

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

JUNE 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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	61.2	44.1	68.3	in.	in.	°/o	°/o					ins.	
1	30.31	30.27	58.3	61.2	44.1	68.3	313	417	65	78	Calm	SW	1	2	10	—
2	30.32	30.08	58.9	57.9	50.0	69.4	391	391	83	82	Calm	SSE	0.5	10	10	—
3	29.89	29.78	63.1	55.5	49.3	70.6	391	392	68	89	SSW	1	Calm	0	8	10
4	76	62	59.8	55.8	58.3	65.7	423	377	82	84	ESE	1	SSE	2	10	10
5	29.73	29.97	54.5	49.4	49.1	61.9	355	298	84	85	W	0.5	Calm	0	9	0
6	30.03	30.00	57.5	52.0	37.4	65.6	300	258	65	67	SE	0.5	SE	1	1	10
7	29.77	29.79	54.4	52.5	48.1	56.8	394	378	93	96	NE	1	NE	1	10	10
8	29.88	30.04	50.4	51.9	48.0	55.2	351	316	96	82	NNE	1	NNE	1	10	7
9	30.20	30.34	53.5	49.8	40.0	61.2	294	284	72	80	NNW	2	NNW	0.5	4	2
10	30.39	30.36	50.5	53.3	36.9	64.5	275	333	75	82	Calm	0	Calm	0	8	10
11	30.38	30.36	60.0	59.4	47.4	71.7	377	434	73	87	Calm	0	NW	1	9	7
12	30.31	30.27	61.3	55.6	53.5	70.3	375	390	70	88	Calm	0	Calm	0	4	0
13	30.29	30.19	60.1	57.5	49.2	70.2	353	345	68	73	Calm	0	NW	1	4	1
14	30.25	30.28	54.8	51.4	50.7	58.8	375	343	87	83	NNW	2	NNW	1	10	1
15	30.28	30.19	55.3	52.2	39.4	61.2	298	318	69	81	N	1	NW	0.5	6	8
16	30.09	29.97	53.5	53.5	44.2	63.3	292	336	72	82	Calm	0	Calm	0	6	10
17	29.97	30.00	57.8	52.0	41.9	63.2	309	318	65	82	WNW	0.5	Calm	0	2	10
18	86	29.77	57.2	55.0	48.4	61.1	381	397	81	92	SW	2	SW	2	10	10
19	70	49	57.3	54.9	50.8	59.8	413	393	87	92	SW	2	SW	4	10	10
20	29.50	29.89	55.4	49.8	48.1	59.8	338	288	77	81	NW	1	NW	2	10	5
21	30.11	30.14	54.9	52.2	45.8	59.8	308	318	71	81	NW	1	SW	0.5	6	9
22	29.83	30.00	55.5	49.5	46.5	60.3	403	288	91	82	SSW	2	SSW	0.5	10	2
23	30.01	30.02	55.8	50.1	41.4	60.2	277	336	62	93	SW	1	Calm	0	6	10
24	02	10	54.9	51.8	46.3	62.5	320	291	76	76	NNW	0.5	NW	0.5	7	5
25	23	34	54.9	52.3	39.3	63.0	290	289	67	74	NNE	2	N	1	5	1
26	39	38	56.5	57.3	35.8	67.3	309	371	68	79	NE	1	NNW	2	1	10
27	37	28	61.8	57.8	48.9	70.6	344	369	62	77	NNE	0.5	Calm	0	1	0
28	19	11	64.0	62.3	42.3	71.2	384	443	64	80	NE	0.5	Calm	0	4	8
29	18	21	56.8	49.5	48.8	63.8	349	292	75	83	NNW	3	NW	1	9	0
30	30.21	30.21	53.9	48.8	39.1	60.6	300	300	73	87	NNW	1	Calm	0	10	1
Means	30.078	30.077	56.7	53.7	45.6	63.9	344	342	74.6	82.6	0.9	0.8	6.7	6.2	1.208	

DUNROBIN CASTLE.

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

JULY 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	55.3	54.5	44.7	57.2	ins.	ins.	81	75	NW	SW	—	—	—	Fine and mild.
2	30.04	30.03	55.3	54.5	44.7	57.2	354	318	81	75	NW	SW	—	—	—	Fine and warm.
3	30.08	30.03	55.3	54.5	44.7	57.2	383	391	75	87	NW	SW	—	—	—	Fine a. Dull p.
4	30.03	30.08	55.3	54.5	44.7	57.2	407	375	83	77	S	NW	—	—	—	Fine a. Dull p.
5	30.11	30.11	55.3	54.5	44.7	57.2	363	381	79	86	SE	NW	—	—	—	Fine a. Dull p.
6	30.03	30.03	55.3	54.5	44.7	57.2	388	398	76	76	SW	SW	—	—	—	Fine a. Dull p.
7	30.03	30.03	55.3	54.5	44.7	57.2	403	402	76	80	N	NW	—	—	—	Fine a. Dull p.
8	30.03	30.03	55.3	54.5	44.7	57.2	411	379	73	80	NW	W	—	—	—	Fine a. Dull p.
9	30.03	30.03	55.3	54.5	44.7	57.2	398	270	66	69	W	N	—	—	—	Fine, blowy, and mild.
10	30.03	30.03	55.3	54.5	44.7	57.2	311	363	77	79	SW	W	—	—	—	Fine and blowy.
11	30.03	30.03	55.3	54.5	44.7	57.2	370	427	72	94	W	NW	—	—	—	Fine a. Dull p.
12	30.03	30.03	55.3	54.5	44.7	57.2	408	318	95	75	E	W	—	—	—	Fine a. Dull p.
13	30.03	30.03	55.3	54.5	44.7	57.2	298	299	64	80	NE	NW	—	—	—	Fine and clear.
14	30.03	30.03	55.3	54.5	44.7	57.2	340	357	75	95	W	N	—	—	—	Fine a. Dull p.
15	30.03	30.03	55.3	54.5	44.7	57.2	315	314	78	82	S	W	—	—	—	Fine a. Dull p.
16	30.03	30.03	55.3	54.5	44.7	57.2	377	326	81	88	W	SW	—	—	—	Fine a. Dull p.
17	30.03	30.03	55.3	54.5	44.7	57.2	346	352	84	95	SW	W	—	—	—	Fine a. Dull p.
18	30.03	30.03	55.3	54.5	44.7	57.2	321	295	78	80	NW	W	—	—	—	Fine a. Dull p.
19	30.03	30.03	55.3	54.5	44.7	57.2	347	277	92	92	W	N	—	—	—	Fine a. Dull p.
20	30.03	30.03	55.3	54.5	44.7	57.2	301	319	74	81	N	NE	—	—	—	Fine a. Dull p.
21	30.03	30.03	55.3	54.5	44.7	57.2	334	353	80	91	S	N	—	—	—	Fine a. Dull p.
22	30.03	30.03	55.3	54.5	44.7	57.2	319	322	72	81	SW	SW	—	—	—	Fine a. Dull p.
23	30.03	30.03	55.3	54.5	44.7	57.2	371	440	78	88	SE	SE	—	—	—	Fine a. Dull p.
24	30.03	30.03	55.3	54.5	44.7	57.2	479	442	78	93	SE	E	—	—	—	Fine a. Dull p.
25	30.03	30.03	55.3	54.5	44.7	57.2	454	448	93	92	NE	W	—	—	—	Fine a. Dull p.
26	30.03	30.03	55.3	54.5	44.7	57.2	470	442	92	79	NW	N	—	—	—	Fine a. Dull p.
27	30.03	30.03	55.3	54.5	44.7	57.2	352	407	72	89	N	E	—	—	—	Fine a. Dull p.
28	30.03	30.03	55.3	54.5	44.7	57.2	334	318	72	74	NE	NE	—	—	—	Fine a. Dull p.
29	30.03	30.03	55.3	54.5	44.7	57.2	342	358	59	81	W	E	—	—	—	Fine a. Dull p.
30	30.03	30.03	55.3	54.5	44.7	57.2	366	368	86	88	W	NE	—	—	—	Fine a. Dull p.
31	30.03	30.03	55.3	54.5	44.7	57.2	364	393	88	93	W	SE	—	—	—	Dull and mild.
Means	30.070	30.090	57.1	55.0	49.5	61.5	363	364	77.8	84.0	—	—	—	—	—	1.720

BRAEMAR.

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

JULY 1885.

1	29.99	30.04	51.9	55.5	36.2	66.5	300	333	78	76	SW	1	W	1	7	1	—	
2	30.03	30.03	64.8	61.6	41.6	76.7	294	364	48	67	SW	0.5	W	0.5	0	1	—	
3	30.04	30.07	63.6	56.9	47.6	70.5	368	365	03	79	SW	2	SW	2	4	7	—	
4	30.10	30.16	59.1	55.5	48.4	65.5	311	350	62	79	SW	1	SW	1	7	6	—	
5	30.05	30.03	57.8	56.6	54.2	60.5	357	365	75	79	SW	6	SW	4	7	7	—	
6	30.05	29.90	59.8	57.4	53.2	67.5	376	365	73	77	SW	3	SW	6	7	8	—	
7	29.77	30.73	57.0	55.5	53.2	64.7	391	412	84	94	SW	4	SW	2	8	9	120	Fair a. ☀ p.
8	30.78	30.99	53.3	48.8	46.1	58.5	285	228	71	66	SW	2	SW	2	7	7	—	Fair a.
9	30.98	29.66	50.9	54.5	44.7	58.3	273	318	74	75	SW	2	SW	6	7	7	—	Dry and dusty.
10	30.98	30.04	55.5	56.3	52.2	61.4	350	349	79	77	SW	4	SW	4	8	9	—	Dry and dusty.
11	30.87	29.83	54.2	47.8	48.7	57.7	350	255	83	77	SW	2	SW	6	8	7	100	Stormy, with ☀ showers.
12	29.66	29.98	48.7	50.7	45.0	58.0	275	291	80	79	SW	2	SW	2	7	7	—	Fair but cold.
13	30.00	30.03	47.8	50.9	39.5	57.7	302	332	91	89	W	1	S	0.5	6	7	200	Fair a. ☀ showers p.
14	30.08	30.04	54.5	48.5	45.5	59.3	318	279	75	80	SE	1	SW	2	7	7	060	Fair a. ☀ showers p.
15	29.83	29.90	53.9	49.9	48.3	61.5	335	277	81	78	SW	2	SW	1	7	8	020	Fair a. ☀ showers p.
16	30.88	30.80	50.5	47.5	46.5	54.9	309	304	84	94	SW	1	SW	0.5	8	10	—	Fair a.
17	30.79	30.90	49.9	46.7	45.5	59.1	294	268	83	85	SW	0.5	NW	0.5	5	3	210	☀ 0 showers.
18	30.74	30.61	53.2	52.8	36.6	57.5	271	364	67	91	SW	0.5	S	0.5	4	7	030	☀ 0 showers a. Fine p.
19	30.67	29.78	52.5	48.7	42.0	61.3	252	309	65	90	W	1	S	0.5	5	7	080	Fine a. ☀ 0 showers p.
20	29.87	30.05	52.5	52.2	42.0	61.3	319	345	81	89	S	0.5	E	0.5	5	9	020	Fine a. ☀ 0 showers p.
21	30.29	30.40	55.5	49.8	38.3	64.3	288	325	66	91	E	1	SW	0.5	4	0	—	Fine and clear.
22	30.37	30.28	56.2	61.9	39.6	68.3	350	443	77	81	SW	1	W	0.5	8	8	—	Fine and blowy.
23	30.25	30.28	67.7	64.4	50.4	78.3	451	503	66	83	W	0.5	E	0.5	3	7	—	Fine day.
24	30.21	30.23	67.5	64.3	51.4	80.7	472	505	66	84	E	0.5	E	0.5	2	7	—	Fine day.
25	30.16	30.20	66.7	63.6	49.4	73.3	475	466	73	79	SW	1	SW	0.5	7	7	—	Fine day.
26	30.31	30.35	61.8	53.0	54.0	67.8	453	383	82	95	SE	1	E	1	7	6	—	Fine day. ☼ ⁽¹⁾ (mist) cp.
27	30.35	30.37	58.6	58.0	51.2	69.7	380	407	77	84	E	1	E	1	4	7	—	Fine day.
28	30.37	30.39	62.0	57.6	45.2	73.3	345	384	60	80	E	1	E	1	1	1	—	Hot and dry.
29	30.34	30.34	61.1	58.6	46.8	75.5	372	388	70	79	E	0.5	E	1	1	1	—	Hot and dry.
30	30.28	30.30	65.4	58.7	43.3	74.7	410	381	66	78	E	0.5	E	1	1	7	—	Hot and dry.
31	30.27	30.25	61.6	58.6	44.3	74.3	390	375	72	76	E	0.5	E	1	0	1	—	Hot and dry.
Means	30.054	30.073	57.4	54.9	45.9	65.8	340	356	73.3	81.6	1.5	1.6	5.2	6.0	0.840	—	—	

LAUDALE.

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

JULY 1885.

Day.	Barometer at 32° and M.S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	53.0	48.6	57.8	ins.	ins.	93	82	Calm	0	WNW	1	10	10	ins. [showers.	
2	30.02	30.14	53.0	53.0	48.6	57.8	374	332	93	82	Calm	0	Calm	0	10	9	0.10 Dull day, with (mist) and (showers)	
3	30.14	30.14	53.0	53.0	48.6	57.8	354	377	76	85	Calm	0	Calm	0	10	9	0.10 Dull day, with (mist).	
4	30.09	30.11	53.0	53.0	48.6	57.8	391	424	89	98	E	1	Calm	0	10	10	0.10 Dull day, with (mist) and (showers)	
5	30.18	30.17	53.0	53.0	48.6	57.8	377	391	83	87	SW	1	SW	4	10	10	0.30 Threatening appearance at night, with strong squalls.	
6	30.07	30.07	53.0	53.0	48.6	57.8	413	421	88	92	W	3	Calm	0	10	10	1.30 showers and cold all day.	
7	30.07	30.07	53.0	53.0	48.6	57.8	426	404	87	84	SW	1	S	3	9	10	6.10 showers all day. Warm. Squally at night.	
8	30.07	30.07	53.0	53.0	48.6	57.8	446	354	93	82	S	2	Calm	0	9	9	1.40 Squally, with showers a. (showers)	
9	30.07	30.07	53.0	53.0	48.6	57.8	393	300	69	77	SW	3	NW	2	5	4	6.20 Squally, with showers all day.	
10	30.07	30.07	53.0	53.0	48.6	57.8	337	377	81	78	SW	2	SW	3	10	3	3.80 showers all day. Cold.	
11	30.07	30.07	53.0	53.0	48.6	57.8	393	423	88	96	S	5	Calm	0	10	10	4.50 showers all day. [7.30 p.m.]	
12	30.07	30.07	53.0	53.0	48.6	57.8	394	298	88	83	S	3	SSW	3	10	10	5.10 showers all day. (whole gale) 4 p.m.	
13	30.03	30.03	53.0	53.0	48.6	57.8	295	308	83	80	W	2	Calm	0	8	7	9.30 Threatening at night. showers all day. (sp.)	
14	30.16	30.04	53.0	53.0	47.8	56.2	298	310	73	85	N	2	SW	2	10	10	7.20 Cold, with showers, all day.	
15	30.17	30.10	53.0	53.0	47.3	57.0	382	312	92	87	W	3	W	1	10	10	9.30 Dull, with showers and (mist)	
16	30.17	30.10	53.0	53.0	47.3	57.0	382	312	92	87	NW	1	NW	2	10	10	1.80 Dull, with showers. (mist).	
17	30.17	30.10	53.0	53.0	47.3	57.0	382	312	92	87	NW	2	Calm	0	10	8	9.10 Dull at night. showers all day.	
18	30.17	30.10	53.0	53.0	47.3	57.0	382	312	92	87	SE	1	W	2	10	6	—	Cloudy all day.
19	30.17	30.10	53.0	53.0	47.3	57.0	382	312	92	87	NNW	1	NW	1	7	1	—	—
20	30.17	30.10	53.0	53.0	47.3	57.0	382	312	92	87	NW	1	S	2	2	1	—	Fine all day.
21	30.17	30.10	53.0	53.0	47.3	57.0	382	312	92	87	S	3	S	2	1	2	—	Very fine and warm all day. 2 p.m.
22	30.17	30.10	53.0	53.0	47.3	57.0	382	312	92	87	S	3	Calm	0	10	7	—	Dull, but very warm all day, with showers.
23	30.17	30.10	53.0	53.0	47.3	57.0	382	312	92	87	Calm	0	Calm	0	10	10	—	most of the day. Bright at times.
24	30.17	30.10	53.0	53.0	47.3	57.0	382	312	92	87	Calm	0	Calm	0	1	10	—	till 11 a. Very hot day. Clouds rose in W. noon.
25	30.17	30.10	53.0	53.0	47.3	57.0	382	312	92	87	S	3	Calm	0	10	10	1.80 Squally at night. Dull. (mist) from 11 a.	
26	30.17	30.10	53.0	53.0	47.3	57.0	382	312	92	87	N	1	W	2	7	6	—	Cold all day. [W. to E. 10 a. Fine p.m.]
27	30.17	30.10	53.0	53.0	47.3	57.0	382	312	92	87	NW	1	Calm	0	3	0	—	Broad line of cir. and mackerel sky.
28	30.17	30.10	53.0	53.0	47.3	57.0	382	312	92	87	Calm	0	Calm	0	1	0	—	Very fine all day.
29	30.17	30.10	53.0	53.0	47.3	57.0	382	312	92	87	Calm	0	Calm	0	0	0	—	Very fine all day.
30	30.17	30.10	53.0	53.0	47.3	57.0	382	312	92	87	Calm	0	Calm	0	0	0	—	Very fine all day.
31	30.17	30.10	53.0	53.0	47.3	57.0	382	312	92	87	Calm	0	Calm	0	0	1	—	9 a. Very fine all day.
Means	30.091	30.107	52.4	55.0	49.8	63.0	386	366	81.4	84.2	1.5	1.0	7.2	6.4	3.520			

ROTHESAY.

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

JULY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	47°	50°	in.	in.	90	89	SW	NW	—	—	ins.	Damp day.
2	30°11	30°10	51°	50°	47°	50°	353	315	94	89	SW	NW	—	—	—	Fine and clear.
3	30°17	30°16	51°	50°	47°	50°	346	306	81	91	W	NW	—	—	—	Dull, mild, and damp.
4	30°09	30°08	51°	50°	47°	50°	341	301	86	97	SW	WSW	—	—	—	Cloudy and mild.
5	30°22	30°21	51°	50°	47°	50°	394	354	88	92	W	W	—	—	—	Cloudy and warm.
6	30°17	30°16	51°	50°	47°	50°	409	369	85	97	SSE	W	—	—	—	Dull and mild.
7	30°09	30°08	51°	50°	47°	50°	431	391	96	98	W	S	—	—	1.035	Dull and damp.
8	30°10	30°09	51°	50°	47°	50°	446	406	99	97	SSW	Calm	—	—	—	Fine, but chilly.
9	30°17	30°16	51°	50°	47°	50°	431	391	96	98	SW	SW	—	—	—	Dull and blowy.
10	30°05	30°04	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	Dull and mild.
11	30°05	30°04	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	Dull and blowy.
12	30°03	30°02	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
13	30°04	30°03	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
14	30°04	30°03	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
15	30°04	30°03	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
16	30°04	30°03	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
17	30°04	30°03	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
18	30°04	30°03	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
19	30°04	30°03	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
20	30°04	30°03	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
21	30°04	30°03	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
22	30°04	30°03	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
23	30°04	30°03	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
24	30°04	30°03	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
25	30°04	30°03	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
26	30°04	30°03	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
27	30°04	30°03	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
28	30°04	30°03	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
29	30°04	30°03	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
30	30°04	30°03	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
31	30°04	30°03	51°	50°	47°	50°	421	381	99	97	SSE	SSW	—	—	—	
Means	30°122	30°119	51°	50°	47°	50°	401	397	82.4	88.4	—	—	—	—	3°092	

PINMORE.

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

JULY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 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°13	30°12	53°	50°	46°	50°	323	277	79	76	Calm	o	10	10	—	
2	30°17	30°16	53°	50°	46°	50°	366	318	86	81	Calm	o	10	10	—	
3	30°17	30°16	53°	50°	46°	50°	403	355	91	88	Calm	o	10	10	—	
4	30°25	30°24	53°	50°	46°	50°	409	361	91	88	Calm	o	10	10	—	
5	30°22	30°21	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
6	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
7	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
8	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
9	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
10	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
11	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
12	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
13	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
14	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
15	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
16	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
17	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
18	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
19	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
20	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
21	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
22	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
23	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
24	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
25	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
26	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
27	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
28	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
29	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
30	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
31	30°17	30°16	53°	50°	46°	50°	411	363	91	88	Calm	o	10	10	—	
Means	30°154	30°150	53°	50°	46°	50°	424	397	79.3	90.4	1°5	0°7	5°8	5°5	2°220	

SCALEBY (NEAR CARLISLE).

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

JULY 1885.

JULY 1885.																	
Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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°16	30°09	54°0	53°5	41°9	58°2	393	384	72	94	SW	3	SW	2	10	7	
2	17	13	56°5	54°7	45°1	62°2	348	419	76	98	SW	2	W	2	9	0	
3	10	15	52°0	55°5	47°4	66°7	377	437	97	99	SW	2	W	2	10	10	
4	20	26	62°5	58°0	53°4	69°7	467	437	83	91	W	2	W	2	5	3	
5	19	16	63°5	59°5	56°9	69°7	454	391	78	77	W	3	W	1	8	10	
6	30°16	30°06	59°5	56°5	54°9	67°2	464	374	92	82	SW	4	SW	2	10	10	
7	30°58	29°53	57°5	58°7	55°4	63°5	446	428	94	88	SW	3	SW	4	10	10	
8	29°91	30°08	58°5	52°0	51°9	63°2	356	321	73	82	SW	4	SW	2	10	3	
9	30°12	15	60°5	53°7	45°4	65°7	318	349	60	84	SW	4	SW	2	3	0	
10	30°17	30°07	59°7	55°5	47°4	68°7	327	358	94	82	SW	4	Calm	0	5	4	
11	29°93	29°05	62°5	54°5	48°9	68°7	381	345	68	82	SW	5	SW	1	10	5	
12	30°04	30°05	59°5	50°5	44°9	64°2	317	319	62	87	W	3	SW	1	3	1	
13	02	12	57°5	53°5	46°9	64°5	349	357	74	87	Calm	0	Calm	0	3	10	
14	18	30°18	55°5	53°0	41°9	59°5	322	313	74	78	W	1	SW	2	3	10	
15	30°03	29°98	56°5	55°0	47°7	60°9	374	421	82	97	SW	3	SW	4	10	8	
16	29°96	88	55°0	51°7	43°7	58°9	370	367	86	96	SW	2	SW	4	10	10	
17	91	93	53°7	52°5	46°4	58°7	342	331	83	84	SW	4	SW	3	10	8	
18	73	60	54°5	55°5	48°9	60°9	422	437	99	99	SW	1	SW	1	10	10	
19	73	29°26	59°5	52°5	50°9	64°7	365	344	72	87	SW	2	Calm	0	3	10	
20	29°84	30°04	58°5	58°5	56°9	65°7	375	375	77	77	SW	2	Calm	0	10	10	
21	30°29	41	61°5	56°5	45°9	69°7	407	374	76	82	E	3	E	4	0	5	
22	42	37	56°5	62°5	52°9	68°7	374	467	82	83	E	1	Calm	0	10	10	
23	32	28	64°5	66°5	50°9	78°2	505	543	84	84	Calm	0	Calm	0	0	10	
24	28	26	71°5	66°5	55°9	81°7	539	543	69	84	Calm	0	Calm	0	0	0	
25	27	31	69°5	64°5	55°9	78°7	533	472	74	78	Calm	0	Calm	0	1	9	
26	34	32	69°5	66°5	58°9	77°7	605	578	84	89	Calm	0	Calm	0	5	10	
27	35	39	61°5	56°5	56°5	67°7	451	401	83	88	E	3	E	3	10	10	
28	44	39	59°5	55°5	47°4	71°7	365	385	72	88	E	1	Calm	0	5	0	
29	38	33	63°5	57°0	46°9	74°9	371	394	63	85	E	2	E	2	1	0	
30	34	27	59°5	58°5	43°9	74°8	365	375	72	77	E	3	E	4	0	0	
31	30°28	30°23	58°0	55°5	47°9	67°8	381	358	79	82	E	4	E	2	0	0	
Means	30°133	30°129	59°7	56°8	49°3	67°6	399	400	77°5	80°2	2°3		1°6	5°9	6°1	2°080	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

CRONKBORNE (DOUGLAS), ISLE OF MAN.

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

JULY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	53.8	51.7	43.0	57.8	ins.	ins.	86	96	SW 3	Calm 0	9	6	ins.	Dull day. D p.
2	17	15	50.6	52.0	45.9	61.7	400	380	88	98	ESE 2	Calm 0	9	6	ins.	☁ (mist) a. Fine afternoon. D p.
3	14	15	50.1	55.3	48.3	66.5	433	417	95	95	SSE 2	SW 1	10	1	ins.	☁ a. Fine afternoon. D p.
4	22	26	63.0	55.7	50.3	69.1	452	423	79	95	WNW 3	Calm 0	1	1	ins.	Fine day.
5	23	17	63.0	57.0	48.7	65.4	474	422	82	91	WSW 3	WSW 3-5	7	8	ins.	Fine day.
6	30.19	30.05	58.1	55.0	55.0	60.4	459	412	95	95	SSW 2	SSW 4-5	10	10	920	☉ at night.
7	29.91	29.81	55.2	54.8	54.6	55.4	433	430	99	100	SSW 5	SW 5-6	10	10	538	☁ (mist) a. and p. Squally ☉.
8	29.95	30.08	56.4	53.0	51.6	59.9	377	377	83	94	WSW 3	SW 2-3	3	4	ins.	Fine day. D p.
9	30.13	30.13	56.0	54.4	40.4	59.2	406	403	88	95	SSW 3	SW 3	7	4	ins.	Fine day.
10	30.13	30.09	57.8	54.2	51.9	60.3	442	400	92	96	SSW 3	Calm 0	9	4	ins.	Fine day. D p.
11	29.90	29.99	56.0	52.5	52.5	64.2	425	362	94	92	SSE 4	SW 2	10	4	ins.	Fine day. D p.
12	30.07	30.04	55.3	52.8	42.6	59.8	346	377	79	94	WNW 1	Calm 0	4	9	ins.	☉ a. Fine afternoon.
13	30.04	30.14	57.0	51.2	47.2	61.9	377	368	81	96	WNW 2	WNW 2	8	5	ins.	Very fine day.
14	22	16	58.4	54.3	45.9	61.7	337	376	69	89	WNW 2	WSW 1	3	10	ins.	Fine day. D p.
15	30.07	30.01	55.0	53.9	53.1	60.5	397	381	92	92	W 4	Calm 0	10	6	ins.	☉ till 3 p. D p.
16	29.97	29.92	55.8	52.3	47.1	57.6	377	376	84	95	WNW 4	WSW 2	9	10	ins.	☉ showers from 3 p.
17	29.96	29.93	55.7	53.9	48.2	58.7	371	411	84	99	NW 4	SSW 2-3	8	10	ins.	☉ (mist) p. ☉ at night.
18	29.74	29.60	50.9	58.4	53.4	59.5	458	483	99	99	SSW 4	W 2	10	10	ins.	☉ (mist) a. and p.
19	29.77	29.71	57.0	50.7	50.7	60.8	374	305	80	99	NW 3	E 2	9	10	ins.	☉ after 6 p. ☉ (mist) gp.
20	29.85	30.09	63.9	55.8	49.1	67.7	468	367	79	82	N 2	NW 2	4	10	ins.	Fine day.
21	30.28	30.36	64.0	61.8	51.3	68.4	440	497	74	90	E 2	E 2	1	9	ins.	Fine day.
22	30.38	30.38	64.0	60.0	57.1	67.8	560	511	94	99	E 1	SSW 1	8	10	ins.	☉ (mist) a. and p.
23	30.35	30.29	65.1	60.5	55.4	74.1	571	508	92	96	ESE 1	WNW 2	8	1	ins.	☉ (mist) a. Fine day. D p.
24	30.38	30.28	67.7	62.9	53.9	77.3	593	542	88	95	SE 1	NW 2	0	3	ins.	Very fine. ☉ (mist) p.
25	30.30	30.31	69.8	63.3	55.0	76.0	646	561	88	96	SSW 2	NNW 1	7	4	ins.	☉ ∞. Fine day.
26	30.34	30.33	69.8	58.9	57.5	72.0	635	463	87	94	SE 3	WNW 4	5	9	ins.	Fine day.
27	30.34	30.38	60.0	62.0	56.0	72.1	492	504	95	91	WNW 2	ESE 2	9	10	ins.	Cloudy day. D ☉ (mist) p.
28	30.40	30.36	60.4	59.8	57.6	65.3	438	456	84	89	E 4	ENE 3	9	0	ins.	Cloudy a. Very fine afternoon.
29	30.39	30.35	62.0	56.4	49.3	70.2	478	413	86	91	ESE 2	Calm 0	2	3	ins.	☉ (mist) a. and p. Very fine day.
30	30.30	30.28	59.7	55.8	45.6	67.1	383	431	75	96	W 2	NW 1	0	1	ins.	Very fine day. D p.
31	30.25	30.19	64.0	57.7	47.0	73.2	520	458	89	96	SE 1	NW 1	0	2	ins.	☉ (mist) D a. and p. Very fine day, with ☉.
Means	30.141	30.134	59.8	56.1	50.4	64.0	449	427	86.5	94.4	2.6	1.8	6.4	6.1	2.544	

STONYHURST.

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

JULY 1885.

1	30.16	30.20	56.2	54.6	46.9	60.8	295	327	65	84	W 1	Calm 0	9	10	ins.	
2	21	17	58.6	55.4	53.0	66.8	362	366	74	84	W 1	WSW 1	10	3	ins.	
3	19	19	57.4	55.6	50.0	68.9	416	401	89	90	Calm 0	Calm 0	10	10	ins.	☁ before 9 a. and 9 p.
4	25	20	61.0	50.9	52.6	69.5	473	386	89	84	SW 1	Calm 0	10	0	ins.	
5	28	25	58.5	57.7	52.4	65.8	422	391	87	82	WSW 1	W 1	10	0	ins.	
6	23	30.15	64.5	58.4	53.5	69.9	424	381	70	78	WSW 2	SW 1	8	10	ins.	165
7	30.03	29.93	56.9	57.2	53.5	62.0	410	418	89	89	SSW 3	SSW 4	10	10	ins.	210
8	29.98	30.15	58.6	53.2	51.9	61.5	379	321	77	79	WSW 2	Calm 0	10	2	ins.	
9	30.19	30.20	60.0	55.4	48.2	65.1	344	344	66	79	SW 1	Calm 0	8	0	ins.	
10	18	14	62.0	59.1	46.1	69.2	348	333	62	67	SW 2	Calm 0	2	10	ins.	
11	00	02	62.3	57.9	48.5	69.6	369	374	66	78	S 2	W 1	8	10	ins.	102
12	09	11	60.0	50.9	50.4	61.9	304	288	59	78	W 1	Calm 0	8	0	ins.	036
13	08	13	52.2	51.8	44.4	60.3	340	290	87	75	Calm 0	S 1	10	0	ins.	
14	23	23	59.0	53.1	42.8	62.3	308	327	61	80	W 2	Calm 0	6	10	ins.	☁
15	30.13	30.05	55.6	57.0	50.4	60.1	331	421	75	90	SW 2	SW 1	10	10	ins.	261
16	29.99	29.95	58.2	51.7	47.3	60.3	345	349	71	91	NW 1	SW 2	10	10	ins.	055
17	29.97	30.00	55.5	52.0	50.2	59.6	319	312	73	81	W 2	Calm 0	10	10	ins.	230
18	29.69	29.69	58.3	58.6	50.5	62.4	446	473	92	96	SSW 2	SW 2	10	10	ins.	475
19	29.78	29.77	59.3	56.1	54.7	65.6	433	415	86	91	WSW 1	Calm 0	10	10	ins.	773
20	29.85	30.11	61.1	57.4	53.7	67.2	437	406	82	86	NE 1	Calm 0	10	10	ins.	
21	30.32	30.44	62.9	60.2	52.6	71.2	417	393	73	75	NE 1	ENE 1	3	10	ins.	
22	45	40	59.2	63.4	54.5	69.0	407	406	82	85	Calm 0	Calm 0	10	9	ins.	
23	36	31	69.1	63.0	57.8	73.4	456	541	64	94	Calm 0	Calm 0	10	10	ins.	
24	30	29	70.0	64.2	56.5	79.4	512	511	70	85	NE 1	W 1	0	0	ins.	
25	33	36	69.0	62.5	57.0	76.3	528	489	74	87	SW 1	Calm 0	0	4	ins.	☁
26	37	35	71.1	65.8	56.2	77.6	524	533	69	84	SW 1	W 1	2	8	ins.	
27	35	41	66.0	59.0	58.0	69.3	564	497	83	82	Calm 0	E 1	10	10	ins.	014
28	44	41	60.8	56.0	54.3	67.5	351	343	66	76	ENE 2	ENE 1	6	0	ins.	
29	40	36	62.4	57.0	45.3	70.1	391	338	70	72	NNE 1	NE 1	0	0	ins.	Fine all day.
30	37	31	55.8	59.6	49.3	71.5	342	323	77	64	NE 1	NNE 1	10	0	ins.	
31	30.30	30.25	60.0	55.6	47.4	68.8	366	366	71	82	NE 1	NE 1	0	0	ins.	Fine all day.
Means	30.182	30.181	60.7	57.3	51.3	67.2	399	390	75.0	82.2	1.2	0.7	7.4	6.0	2.321	

JULY 1885.

WAKEFIELD.

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

JULY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	55.0	42.4	66.6	ins.	ins.	82	91	W	2	W	2	0	0	ins.	Fine all day.
2	18	15	61.5	58.7	49.1	69.8	449	450	83	93	W	2	W	2	5	10	—	
3	15	17	64.1	59.0	50.1	70.0	473	470	80	95	W	2	W	2	10	3	—	Fine after 10.15a.
4	19	25	64.8	58.7	52.8	73.4	518	428	85	88	W	4	W	3	1	3	—	Fine all day.
5	24	22	66.0	59.4	56.6	71.6	520	441	82	88	W	4	W	2	1	2	—	Fine all day.
6	21	30.14	65.4	60.8	54.2	75.4	494	459	80	86	SW	3	SW	2	5	6	0.80	Fine all day.
7	30.05	29.98	61.3	60.0	56.4	66.2	453	469	84	91	SW	5	SW	4	10	10	0.60	Dull all day.
8	29.96	30.13	63.4	55.7	51.1	66.4	469	412	81	93	SW	2	NW	2	5	2	—	Fine all day.
9	30.17	30.19	61.4	57.7	40.6	69.4	499	413	76	87	SW	2	W	2	2	0	—	Fine and bright all day.
10	30.15	30.15	66.6	60.9	42.3	75.2	480	457	77	86	S	2	NW	2	1	2	—	Fine all day.
11	29.98	30.00	64.8	57.9	49.1	74.4	479	439	79	92	S	3	S	2	3	5	—	Fine all day.
12	30.07	30.07	64.0	54.0	47.1	66.4	427	352	93	84	NW	2	NW	2	6	2	—	Fine day.
13	03	08	59.6	52.5	40.2	64.5	396	349	77	89	S	2	W	2	5	3	—	Fine day.
14	20	23	60.6	52.0	45.9	66.4	370	377	71	97	W	2	W	2	0	0	—	Fine all day.
15	30.13	30.04	56.7	58.7	45.1	66.4	399	456	87	93	SW	2	W	2	5	7	0.50	
16	29.95	29.93	58.7	55.1	53.2	62.2	428	391	88	90	W	2	SW	4	7	10	—	
17	94	99	56.1	51.8	51.1	59.6	374	333	83	86	W	4	W	4	8	6	—	
18	82	66	62.6	62.4	47.3	67.6	494	533	87	95	S	4	SW	5	7	10	0.50	
19	72	29.76	64.4	58.3	58.2	67.8	522	480	87	99	W	4	W	2	10	10	540	
20	29.84	30.12	57.7	59.7	54.8	65.2	470	498	99	98	W	1	SW	2	10	5	0.10	
21	30.31	45	58.4	68.6	54.2	69.9	472	461	97	94	NW	2	E	2	10	4	—	
22	46	37	62.0	62.6	53.5	70.9	500	505	90	89	SE	2	E	2	8	10	—	Dull most of day.
23	36	28	62.6	63.4	55.2	72.6	501	580	88	99	E	2	E	2	9	10	—	Dull all day.
24	29	27	66.6	63.0	50.9	79.4	574	558	88	97	E	1	E	1	0	2	—	Fine and bright all day.
25	30	31	74.5	66.6	54.0	84.2	657	522	77	80	W	3	W	3	0	0	—	Fine and bright all day.
26	34	30	74.6	68.6	55.3	84.4	761	635	89	91	SW	2	E	3	7	5	—	Fine and sunny all day.
27	33	40	63.6	57.7	56.5	69.0	584	447	99	93	E	1	E	2	10	10	—	Gloomy all day.
28	44	42	56.8	55.7	54.9	63.4	397	342	86	77	NE	2	SE	2	10	0	—	Cloudy till 7.30p.
29	40	37	61.6	55.3	33.8	69.4	366	367	67	84	E	1	E	1	5	0	—	∞. Fine day.
30	36	30	54.8	56.8	43.9	68.4	364	382	84	83	NE	2	E	2	10	0	—	Dull a. Fine and sunny after 2.30p.
31	30.30	30.25	56.5	57.7	47.3	62.4	348	385	76	80	E	1	SE	1	10	10	—	Dull and cloudy all day.
Means	30.160	30.162	62.0	58.5	50.0	69.6	469	445	83.9	89.9	2.3	2.3	6.0	4.7	0.790			

BUXTON.

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

JULY 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	54.7	50.1	41.9	63.4	ins.	ins.	73.0	73.0	Calm	NW 1	3	3	ins.	(mist) 9p.
2	18	16	60.6	55.8	48.3	70.4	381	373	73	84	Calm	Calm	5	4	—	(mist) 9p.
3	15	19	61.6	54.9	49.1	69.5	369	401	68	93	Calm	Calm	7	5	—	(mist) 9p.
4	24	29	58.0	55.1	53.6	70.3	389	365	81	84	Calm	NW 1	6	4	—	
5	26	26	60.3	53.1	48.0	69.4	418	357	81	88	Calm	Calm	8	5	—	
6	20	30.17	66.0	55.4	50.1	70.0	401	356	63	82	Calm	WNW 1	5	6	—	
7	30.07	29.07	56.1	54.6	52.1	64.2	371	391	82	92	SW 1	SW 2	9	9	375	(mist) 9p.
8	29.07	30.14	59.3	49.7	48.7	65.0	375	286	75	81	SW 1	NNW 1	6	2	—	(mist) 9p.
9	30.18	22	61.0	52.4	39.0	66.2	306	348	57	83	SW 1	Calm	4	2	—	(mist) 9p.
10	15	13	61.4	56.0	40.7	73.0	396	365	74	81	Calm	Calm	4	2	—	(mist) 9p.
11	01	02	61.6	53.8	43.7	70.3	358	377	66	91	Calm	SW 1	6	3	—	(mist) 9p.
12	08	07	58.0	58.0	43.7	63.8	303	303	63	63	Calm	NNW 1	5	1	—	
13	04	10	59.8	48.8	37.8	63.4	283	297	55	86	Calm	NNW 1	6	7	—	
14	23	25	58.3	49.8	44.4	64.7	289	284	59	80	NW 1	N 1	2	8	—	
15	30.17	30.08	52.1	54.7	46.2	65.8	295	389	76	91	SW 1	SW 1	9	10	040	
16	29.09	29.08	56.8	50.7	50.4	57.7	343	327	74	88	Calm	Calm	8	8	115	
17	09	30.01	49.9	50.7	47.9	58.3	306	327	86	88	NW 1	WNW 1	9	6	—	
18	84	29.73	56.7	57.6	48.1	62.3	425	457	92	96	SW 1	Calm	10	10	880	
19	75	29.77	60.8	55.7	55.3	62.8	462	427	87	96	SW 1	Calm	10	10	690	all day.
20	29.82	30.11	57.7	55.9	53.3	67.9	453	418	94	93	Calm	NW 1	9	5	—	
21	30.28	44	59.4	56.5	52.5	69.1	428	409	85	89	Calm	SE 1	5	5	—	
22	43	37	61.2	59.8	53.7	73.4	406	446	76	87	Calm	Calm	7	7	—	
23	33	31	67.8	58.4	48.4	75.2	421	470	62	97	Calm	Calm	5	4	—	
24	26	30	69.7	59.0	48.8	75.3	492	449	68	90	Calm	SE 1	3	3	—	
25	33	33	75.6	64.3	48.7	81.6	460	518	52	86	Calm	Calm	3	3	—	
26	33	32	74.8	68.7	54.5	80.6	518	441	60	62	Calm	Calm	3	4	—	
27	28	39	73.2	54.5	53.6	76.6	545	497	67	96	Calm	N 1	3	10	—	(mist) p.
28	41	39	52.7	52.8	51.1	62.6	319	335	80	83	E 1	E 1	9	9	—	
29	37	35	57.6	52.2	45.5	64.7	346	330	73	84	Calm	Calm	6	6	—	
30	34	32	54.3	49.9	49.0	62.4	329	355	78	99	Calm	E 1	8	8	—	
31	30.29	30.22	51.6	55.0	45.8	63.2	333	369	87	86	Calm	E 1	9	9	—	
Means	30.164	30.179	60.3	55.0	48.2	67.8	381	377	73.0	86.8	0.3	0.6	6.2	5.7	2.100	

HILLINGTON, NORFOLK.

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

JULY 1885.

1	30.13	30.19	61.7	52.9	42.1	72.0	339	317	62	79	E 1	S 1	3	4	—	Very fine and sunny.
2	18	18	62.8	58.0	46.6	74.4	404	377	71	78	S 2	S 1	0	8	028	
3	14	17	57.9	54.9	52.5	66.4	427	399	89	93	S 1	S 1	10	5	—	Overcast all day. D 9p.
4	17	24	64.9	57.1	46.3	73.4	472	433	77	92	W 0.5	N 0.5	0	9	—	Fine and sunny. D 9p.
5	23	21	65.2	60.9	49.8	78.8	459	456	75	86	N 1	NE 1	4	9	—	Fine and sunny till 4p., then cloudy.
6	24	20	68.5	62.2	47.1	80.1	428	427	61	77	SW 1	NW 0.5	5	3	—	D 2 a. Very fine and sunny.
7	14	06	63.6	59.9	48.4	73.5	427	391	73	76	SW 2	SW 3	6	8	038	
8	03	14	61.9	60.7	50.0	72.1	447	406	82	77	SW 2	S 1	10	9	—	
9	17	22	67.5	52.7	48.2	71.1	382	322	56	81	N 1	S 0.5	9	0	—	Very fine and sunny.
10	17	13	71.5	58.8	43.8	83.3	404	377	52	76	S 2	S 0.5	0	0	—	Very fine and sunny.
11	04	00	72.1	64.0	49.7	80.5	439	447	56	75	SW 2	WNW 1	3	10	550	
12	04	07	59.7	55.2	55.2	67.6	465	418	91	96	NE 1	NE 1	10	8	—	2 early a. D 2 p.
13	04	17	62.5	54.7	46.8	68.3	409	407	73	95	SE 1	E 1	7	8	030	Wind NW. 9.30a. 2 shower 10a. D p.
14	17	22	64.5	54.1	49.0	70.7	430	378	71	90	SE 3	W 0.5	8	0	—	D p.
15	30.16	30.08	66.7	53.9	49.1	70.1	393	342	60	82	SW 2	W 0.5	5	7	—	D p.
16	29.08	29.06	64.8	56.0	52.6	68.3	433	379	71	85	W 2	W 1	6	8	033	10.40a. 11.30a. D p.
17	02	30.02	58.6	49.0	49.0	64.0	330	335	67	97	W 2	NW 1	7	5	024	D p.
18	05	29.79	62.7	61.3	45.0	70.7	449	480	80	89	W 2	SW 4	8	10	008	
19	29.82	30.08	62.8	57.9	57.9	67.3	555	449	94	93	SW 3	NE 0.5	10	10	029	a. Fine p.
20	30.35	44	63.4	54.7	51.2	72.7	454	393	78	92	ESE 2	ESE 1	9	1	—	D p.
21	47	41	67.4	55.1	46.3	75.6	410	358	61	82	ESE 2	SE 2	5	8	—	Very fine and sunny. D p.
22	39	31	61.7	54.0	45.9	75.7	403	356	74	85	E 1	ESE 0.5	10	0	—	D p.
23	30	29	65.9	55.0	43.6	80.5	374	344	59	80	E 0.5	NE 0.5	5	0	—	Very fine and sunny.
24	31	28	73.7	63.8	46.1	88.1	461	535	56	90	N 2	N 0.5	0	5	—	Very fine and sunny. 8 after 7p.
25	32	31	74.3	63.3	55.9	83.4	543	516	64	89	NE 1	NE 0.5	4	2	—	D p. [and cloudy from 2p.
26	32	30	66.5	57.1	50.9	80.3	514	391	80	84	NE 1	NE 1	8	6	—	8 early a. Fine and hot a. Cooler
27	40	38	59.6	57.0	55.3	64.6	364	361	71	77	NE 4	NE 2	10	10	—	Overcast all day. Breezy.
28	34	32	61.1	54.8	54.0	65.4	352	367	65	86	NE 3	NE 1	10	10	—	
29	30	29	57.8	54.8	54.1	64.2	364	373	76	87	NE 3	NE 3	10	10	—	Overcast all day.
30	30.25	30.19	57.5	55.1	52.7	61.0	345	410	73	94	NE 2	NE 1	10	10	—	Overcast all day.
Means	30.169	30.177	64.3	57.1	50.2	72.9	424	399	70.8	85.3	1.9	1.1	6.5	6.2	0.812	

UPPINGHAM.

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

JULY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	54.8	45.3	71.6	ins.	ins.	%	%	SW 1	xwb.w1	9	0	ins.	Bright and warm p.
2	18	14	63.3	58.7	47.7	74.2	.346	.326	74	76	E 1	SSE 1	5	8	—	Bright and sunny mid-day.
3	14	15	60.6	60.1	55.4	75.2	.389	.390	67	78	WhyS 1	Calm	0	10	10	Dark and overcast most of day.
4	20	26	65.4	61.6	52.7	75.7	.410	.471	79	91	NbyW 1	NW 2	2	7	—	Threatening appearance p. [intervals.
5	24	23	66.9	60.9	51.1	78.1	.439	.423	71	78	NW 2	W 3	5	1	—	Brilliant sunshine at frequent
6	23	19	66.3	59.8	50.9	78.0	.457	.423	69	79	NW 1	SW 2	3	2	—	Bright and clear most of day.
7	12	03	60.8	57.5	50.1	66.8	.455	.426	71	83	SW 4	SbyW 5	10	9	—	Bright early a. Day overcast, with
8	01	10	60.0	56.3	54.4	70.8	.391	.259	74	55	S by W 3	SbyW 1	10	4	—	Overcast a. [squally p.
9	19	20	61.6	58.1	46.8	73.8	.423	.354	82	77	SW 1	Calm	0	1	—	Bright sun all day. Pleasant breeze.
10	17	12	65.4	60.3	48.1	79.0	.73	.354	65	73	S by W 1	SbyW 1	0	2	—	Bright early a. Day sultry with ∞.
11	04	00	68.3	64.9	52.8	75.9	.442	.364	71	70	S by W 3	SW 2	6	10	037	Bright a. Cir. much tangled g.
12	06	06	58.0	57.1	55.4	68.8	.478	.448	69	73	NbyW 1	WhyS 1	10	9	—	Dark gloomy day. [Threatening p.
13	05	09	60.3	55.1	48.3	70.8	.305	.390	76	83	NNW 1	NW 1	9	9	—	Overcast day, but not so dark as 12th.
14	20	22	60.9	55.7	46.8	72.6	.364	.326	70	75	NNE 1	NbyE 1	1	0	—	Sunny most of day. Gray ∞ 9p.
15	30.20	30.09	59.0	57.0	50.1	67.1	.333	.321	62	72	W by S 1	SW 2	10	6	—	
16	29.08	29.09	63.5	54.7	52.7	65.3	.342	.320	74	83	WSW 1	WSW 1	7	10	—	Dark, cold, and threatening p.
17	09	30.00	56.6	51.6	51.3	66.2	.414	.349	70	81	WhyN 1	Calm	0	7	—	
18	01	29.79	61.0	60.5	51.6	68.1	.483	.320	74	83	S by S 3	SW 1	10	10	010	Dull and threatening all day.
19	08	29.81	65.1	58.9	58.9	70.4	.450	.450	83	95	SW 2	SW 3	7	10	091	Day hot and close till evening.
20	29.82	30.09	62.0	56.7	56.7	68.7	.503	.448	92	97	W by S 2	Calm	0	10	—	∞ 0 p.
21	30.28	30.09	62.0	56.7	56.7	68.7	.517	.448	93	97	Calm	ESE 1	10	7	—	Gloomy a. Sunny p. Mackerel sky
22	44	39	64.0	56.8	50.0	70.9	.460	.422	92	97	Calm	ESE 1	8	4	—	Mackerel sky g. ∞ p. [9p.
23	36	30	63.7	60.1	50.5	75.4	.397	.397	73	86	SE by E 1	EbyN 1	10	9	—	∞ all day. Sunny p.
24	29	27	66.0	63.7	50.2	83.5	.411	.411	62	80	E 1	Calm	0	0	—	Gray ∞ early a. and late p. Day
25	31	30	74.1	71.1	55.5	89.8	.457	.401	457	63	Calm	0	0	0	—	Cloudless and very hot all day. ∞ 0 p.
26	33	31	74.8	66.7	61.1	90.3	.488	.481	58	63	Calm	0	0	0	—	Brilliant morning, with extreme heat.
27	30	36	71.1	59.0	59.0	84.4	.509	.530	60	81	N by E 2	E by S 1	0	3	—	Overcast 6a. Day bright and hot till
28	39	37	59.0	56.1	54.7	72.0	.552	.430	71	87	N by N 2	NbyN 2	10	10	—	[3p, then cloudy and much colder.
29	36	33	60.9	56.8	54.3	66.7	.552	.430	71	87	NE 3	NNE 3	10	10	—	Overcast and dull a.
30	32	30	59.9	52.7	52.7	69.1	.377	.330	71	71	NNE 2	NE 2	10	10	—	Dull a.
31	30.27	30.21	56.8	52.0	47.5	73.4	.363	.353	70	89	E by N 2	EbyN 1	10	6	—	Morning dull and cold.
Means	30.171	30.169	63.0	58.7	52.2	74.0	.348	.363	75	80	NNE 4	NE 2	10	10	—	Dull a. Bright p. Threatening
																[appearance later p.

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

GELDESTON (BECCLES).

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

JULY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
2	30.14	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
3	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
4	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
5	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
6	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
7	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
8	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
9	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
10	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
11	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
12	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
13	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
14	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
15	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
16	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
17	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
18	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
19	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
20	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
21	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
22	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
23	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
24	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
25	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
26	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
27	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
28	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
29	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
30	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
31	30.17	30.19	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.
Means	30.175	30.172	50.9	51.0	40.5	62.9	in.	in.	%	%	N	1	SSE	1	4	ins.

CHELTENHAM.

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

JULY 1885.

1	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
2	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
3	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
4	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
5	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
6	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
7	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
8	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
9	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
10	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
11	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
12	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
13	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
14	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
15	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
16	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
17	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
18	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
19	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
20	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
21	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
22	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
23	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
24	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
25	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
26	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
27	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
28	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
29	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
30	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
31	30.18	30.16	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.
Means	30.190	30.178	59.4	51.4	43.8	69.4	351	356	69	94	NW	1	Calm	0	5	0	—	Fine and bright.

JULY 1885.

CARMARTHEN.

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

JULY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	49.1	47.0	67.1	in.	in.	%	%	N	1	N	1	1	0	ins.	Very fine.
2	30.17	30.19	62.7	54.0	41.4	68.2	.323	.305	58	57	NE	1	N	1	5	4	—	Fine day.
3	19	22	60.4	54.5	49.6	68.8	.427	.401	82	95	SW	2	Calm	0	10	0	—	—
4	24	31	69.3	53.4	52.2	74.0	.446	.394	62	96	N	1	Calm	0	3	0	—	Fine day.
5	29	31	68.8	54.8	48.3	70.3	.454	.418	64	97	SW	2	W	2	4	2	—	Fine day.
6	28	30.16	60.4	53.8	54.4	63.1	.410	.430	78	96	SW	1	SW	3	10	10	0.10	☉ shower 7p.
7	29	29.98	58.3	56.0	55.4	60.9	.434	.449	90	100	SW	6	SW	6	10	10	1.390	☉ after 11a.
8	04	30.17	58.9	49.8	49.8	64.1	.378	.333	77	93	SW	2	Calm	0	10	0	—	Fine day.
9	22	21	63.2	51.1	41.9	64.6	.381	.360	66	96	SW	2	Calm	0	4	1	—	Fine day.
10	17	14	61.9	52.0	44.8	66.9	.358	.353	65	91	SW	1	Calm	0	5	0	—	Fine day.
11	02	04	61.9	57.9	47.3	65.8	.451	.419	82	87	SW	4	SW	2	8	9	0.40	☉ 11a.—2p., then fine.
12	11	12	61.9	49.1	49.0	64.4	.356	.318	65	91	NW	1	W	1	4	0	—	Fine day.
13	08	17	58.2	46.7	46.2	62.7	.357	.302	74	95	W	1	Calm	0	5	0	—	Fine day.
14	23	26	63.7	51.8	38.5	66.5	.346	.351	58	91	E	1	Calm	0	3	10	—	Fine day.
15	20	10	61.2	56.8	50.0	65.0	.416	.459	78	99	SW	4	SW	2	6	10	0.10	—
16	06	04	57.4	54.8	51.7	59.0	.325	.386	69	90	W	1	W	3	10	10	—	Overcast all day.
17	30.06	30.00	60.7	57.7	48.0	64.4	.330	.461	62	96	NW	1	SW	2	6	10	0.30	☉ showers after 5p.
18	29.88	29.77	60.6	58.7	56.0	62.2	.509	.487	96	99	SW	2	SW	3	10	10	.220	Overcast all day. ☉ p.
19	81	29.76	60.4	59.2	56.0	62.7	.405	.500	90	100	SW	2	SW	5	10	10	.210	Frequent ☉ showers.
20	29.89	30.13	59.5	59.9	57.8	65.7	.501	.489	90	96	W	2	W	1	10	10	0.30	Overcast nearly all day.
21	30.27	37	64.2	61.5	58.6	68.3	.550	.531	92	98	SW	1	Calm	0	10	10	0.30	Dull all day.
22	39	35	62.9	63.5	60.5	74.8	.533	.535	94	92	Calm	0	Calm	0	10	10	—	Dull a. Close and warm p.
23	35	28	64.9	64.7	62.2	73.8	.422	.543	69	89	W	1	N	1	10	10	—	—
24	29	29	70.0	60.1	59.7	76.0	.479	.444	57	86	E	1	Calm	0	0	0	—	Fine day.
25	32	35	77.4	65.1	58.6	80.9	.598	.516	63	84	SE	1	Calm	0	0	0	—	Very fine.
26	35	30	77.0	64.3	52.0	82.2	.541	.512	58	86	Calm	0	N	1	0	0	—	Very fine.
27	27	25	77.0	71.0	59.3	84.2	.620	.598	67	79	Calm	0	NE	4	0	10	—	Very fine.
28	31	30	63.7	62.3	60.8	72.4	.473	.394	81	71	E	2	NE	3	10	0	—	—
29	33	29	66.1	59.4	50.8	72.0	.361	.367	56	73	E	2	E	4	2	10	—	—
30	30	25	61.1	61.3	47.2	72.2	.389	.466	74	76	E	4	NE	1	6	10	—	—
31	30.23	30.18	64.3	58.7	50.0	73.7	.366	.447	61	91	E	2	W	1	0	0	—	Fine day.
Means	30.181	30.176	63.9	57.3	51.8	68.9	.430	.429	72.7	90.8	1.7	1.5	5.9	5.4	1.970			

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

MARGATE.

Height above Mean Sea Level, 83 feet. Long. 1° 24' E. Lat. 51° 24' N.
JULY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	52°	51°	59°	ins.	ins.	60%	60%	N	1	6	8	ins.	Very fine day. Red sunset.
2	30°16	30°21	56°	52°	51°	59°	30°16	30°21	60%	60%	E	1	4	3	—	Very fine day.
3	30°22	30°27	56°	52°	51°	59°	30°22	30°27	60%	60%	E	1	4	3	—	Very fine day.
4	30°25	30°30	56°	52°	51°	59°	30°25	30°30	60%	60%	E	1	4	3	—	Very fine day.
5	30°24	30°29	56°	52°	51°	59°	30°24	30°29	60%	60%	E	1	4	3	—	Very fine day.
6	30°26	30°31	56°	52°	51°	59°	30°26	30°31	60%	60%	E	1	4	3	—	Very fine day.
7	30°22	30°27	56°	52°	51°	59°	30°22	30°27	60%	60%	E	1	4	3	—	Very fine day.
8	30°10	30°15	56°	52°	51°	59°	30°10	30°15	60%	60%	E	1	4	3	—	Very fine day.
9	30°20	30°25	56°	52°	51°	59°	30°20	30°25	60%	60%	E	1	4	3	—	Very fine day.
10	30°20	30°25	56°	52°	51°	59°	30°20	30°25	60%	60%	E	1	4	3	—	Very fine day.
11	30°10	30°15	56°	52°	51°	59°	30°10	30°15	60%	60%	E	1	4	3	—	Very fine day.
12	30°05	30°10	56°	52°	51°	59°	30°05	30°10	60%	60%	E	1	4	3	—	Very fine day.
13	30°04	30°09	56°	52°	51°	59°	30°04	30°09	60%	60%	E	1	4	3	—	Very fine day.
14	30°18	30°23	56°	52°	51°	59°	30°18	30°23	60%	60%	E	1	4	3	—	Very fine day.
15	30°24	30°29	56°	52°	51°	59°	30°24	30°29	60%	60%	E	1	4	3	—	Very fine day.
16	30°05	30°10	56°	52°	51°	59°	30°05	30°10	60%	60%	E	1	4	3	—	Very fine day.
17	30°02	30°07	56°	52°	51°	59°	30°02	30°07	60%	60%	E	1	4	3	—	Very fine day.
18	30°00	30°05	56°	52°	51°	59°	30°00	30°05	60%	60%	E	1	4	3	—	Very fine day.
19	30°00	30°05	56°	52°	51°	59°	30°00	30°05	60%	60%	E	1	4	3	—	Very fine day.
20	30°00	30°05	56°	52°	51°	59°	30°00	30°05	60%	60%	E	1	4	3	—	Very fine day.
21	30°29	30°34	56°	52°	51°	59°	30°29	30°34	60%	60%	E	1	4	3	—	Very fine day.
22	30°46	30°51	56°	52°	51°	59°	30°46	30°51	60%	60%	E	1	4	3	—	Very fine day.
23	30°37	30°42	56°	52°	51°	59°	30°37	30°42	60%	60%	E	1	4	3	—	Very fine day.
24	30°30	30°35	56°	52°	51°	59°	30°30	30°35	60%	60%	E	1	4	3	—	Very fine day.
25	30°33	30°38	56°	52°	51°	59°	30°33	30°38	60%	60%	E	1	4	3	—	Very fine day.
26	30°32	30°37	56°	52°	51°	59°	30°32	30°37	60%	60%	E	1	4	3	—	Very fine day.
27	30°31	30°36	56°	52°	51°	59°	30°31	30°36	60%	60%	E	1	4	3	—	Very fine day.
28	30°36	30°41	56°	52°	51°	59°	30°36	30°41	60%	60%	E	1	4	3	—	Very fine day.
29	30°31	30°36	56°	52°	51°	59°	30°31	30°36	60%	60%	E	1	4	3	—	Very fine day.
30	30°28	30°33	56°	52°	51°	59°	30°28	30°33	60%	60%	E	1	4	3	—	Very fine day.
31	30°23	30°28	56°	52°	51°	59°	30°23	30°28	60%	60%	E	1	4	3	—	Very fine day.
Means	30°194	30°195	56°	52°	51°	59°	30°194	30°195	60%	60%	E	1	4	3	—	Very fine day.

SOUTHAMPTON.

Height above Mean Sea Level, 78 feet. Long. 1° 24' W. Lat. 50° 55' N.
JULY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 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°16	30°18	64°	58°	51°	68°	30°16	30°18	60%	60%	WNW	1°	8	10	—	Beautiful day throughout.
2	30°19	30°21	64°	58°	51°	68°	30°19	30°21	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
3	30°19	30°21	64°	58°	51°	68°	30°19	30°21	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
4	30°20	30°22	64°	58°	51°	68°	30°20	30°22	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
5	30°27	30°29	64°	58°	51°	68°	30°27	30°29	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
6	30°29	30°31	64°	58°	51°	68°	30°29	30°31	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
7	30°23	30°25	64°	58°	51°	68°	30°23	30°25	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
8	30°09	30°11	64°	58°	51°	68°	30°09	30°11	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
9	30°24	30°26	64°	58°	51°	68°	30°24	30°26	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
10	30°18	30°20	64°	58°	51°	68°	30°18	30°20	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
11	30°09	30°11	64°	58°	51°	68°	30°09	30°11	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
12	30°08	30°10	64°	58°	51°	68°	30°08	30°10	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
13	30°09	30°11	64°	58°	51°	68°	30°09	30°11	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
14	30°21	30°23	64°	58°	51°	68°	30°21	30°23	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
15	30°25	30°27	64°	58°	51°	68°	30°25	30°27	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
16	30°07	30°09	64°	58°	51°	68°	30°07	30°09	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
17	30°05	30°07	64°	58°	51°	68°	30°05	30°07	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
18	30°09	30°11	64°	58°	51°	68°	30°09	30°11	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
19	30°09	30°11	64°	58°	51°	68°	30°09	30°11	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
20	30°03	30°05	64°	58°	51°	68°	30°03	30°05	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
21	30°28	30°30	64°	58°	51°	68°	30°28	30°30	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
22	30°41	30°43	64°	58°	51°	68°	30°41	30°43	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
23	30°35	30°37	64°	58°	51°	68°	30°35	30°37	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
24	30°29	30°31	64°	58°	51°	68°	30°29	30°31	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
25	30°33	30°35	64°	58°	51°	68°	30°33	30°35	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
26	30°33	30°35	64°	58°	51°	68°	30°33	30°35	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
27	30°28	30°30	64°	58°	51°	68°	30°28	30°30	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
28	30°32	30°34	64°	58°	51°	68°	30°32	30°34	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
29	30°31	30°33	64°	58°	51°	68°	30°31	30°33	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
30	30°27	30°29	64°	58°	51°	68°	30°27	30°29	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
31	30°24	30°26	64°	58°	51°	68°	30°24	30°26	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.
Means	30°197	30°199	64°	58°	51°	68°	30°197	30°199	60%	60%	SE	1	8	10	—	Beautiful day. Overcast evening.

JULY 1885.

ST. LEONARDS.

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

JULY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	54°	48°	67°	ins.	ins.	59%	59%	NE	2	Calm	0	1	3	ins.	Fine day.
2	30°16	30°21	59°	58°	50°	62°	317	327	74	81	ESE	2	ESE	1	5	10	—	Cloudy till 1 p., then overcast.
3	30°19	30°24	63°	62°	56°	67°	377	370	63	66	Calm	0	NW	1	0	0	—	Fine all day.
4	30°18	30°23	66°	61°	56°	74°	424	449	65	83	Calm	0	Calm	0	0	1	004	☼ 0 2.15p.—2.45p.
5	30°25	30°30	66°	60°	57°	70°	479	475	75	90	Calm	0	NW	1	7	2	367	Cloudy a. Overcast p., with ☼ 3.3p.—4.30p.
6	30°26	30°31	69°	58°	56°	70°	517	432	71	89	Calm	0	WNW	2	1	0	—	Fine all day.
7	30°26	30°31	60°	55°	50°	68°	404	465	89	90	WSW	3	W	2	10	5	—	Overcast a., then cloudy.
8	30°13	30°18	60°	58°	55°	65°	431	450	82	93	W	3	W	2	8	10	—	Cloudy till 4 p., then overcast.
9	30°21	30°26	63°	58°	50°	63°	410	439	73	78	SW	1	WSW	2	0	0	—	Fine all day.
10	30°19	30°24	66°	60°	55°	68°	378	372	59	83	SE	1	Calm	0	0	0	—	Fine all day.
11	30°11	30°16	64°	59°	54°	70°	377	437	61	86	S	1	SW	1	0	1	011	Fine all day.
12	30°06	30°11	60°	58°	58°	63°	502	427	97	87	W	1	WNW	1	10	8	043	Overcast, with ☼ till 11 a., then cloudy.
13	30°05	30°10	58°	57°	55°	65°	451	385	91	80	W	1	NW	2	10	3	—	☼ early a. Overcast a.
14	30°18	30°23	66°	58°	53°	70°	422	429	64	87	N	1	ENE	1	1	0	—	☼ at night.
15	30°24	30°29	63°	56°	56°	66°	462	397	79	86	E	1	WSW	3	1	2	—	—
16	30°09	30°14	58°	57°	55°	62°	439	438	89	89	WSW	3	WSW	2	10	9	—	Overcast.
17	30°03	30°08	62°	56°	53°	64°	368	403	65	87	W	3	W	2	8	0	—	—
18	30°02	30°07	60°	59°	55°	64°	468	446	89	89	WSW	4	SW	4	8	7	—	Cloudy all day.
19	30°06	30°11	60°	59°	58°	61°	466	483	90	95	WSW	5	WSW	4	10	10	146	☼ a. Overcast all day, with almost
20	30°05	30°10	59°	57°	58°	64°	487	497	97	97	WSW	4	W	2	10	1	041	☼ till noon. ☼ at night.
21	30°29	30°34	61°	58°	55°	66°	495	416	92	84	E	1	ENE	3	10	2	—	—
22	30°43	30°48	66°	55°	55°	69°	422	363	65	84	ESE	3	ENE	3	0	1	—	Fine all day. ☼ at night.
23	30°35	30°40	66°	56°	51°	70°	437	382	68	84	E	4	NE	3	2	0	—	Fine day.
24	30°28	30°33	63°	59°	52°	70°	429	383	74	76	ENE	4	ENE	2	1	0	—	Fine all day.
25	30°33	30°38	68°	66°	54°	71°	443	441	63	67	SE	1	WSW	1	2	0	—	Fine day.
26	30°30	30°35	78°	68°	63°	86°	574	531	59	76	NE	2	ENE	1	2	0	—	Fine day.
27	30°28	30°33	77°	62°	61°	80°	587	478	63	86	N	1	NE	4	0	0	—	Fine all day.
28	30°31	30°36	61°	59°	58°	71°	397	377	74	76	ENE	4	ENE	6	10	9	—	Overcast till 11 a. ☼ from noon.
29	30°29	30°34	62°	56°	56°	68°	364	371	64	81	ENE	3	NE	4	10	0	—	Overcast till 2 p.
30	30°26	30°31	60°	53°	52°	70°	416	410	81	83	E	3	ENE	5	10	0	—	Cloudy most of day.
31	30°21	30°26	60°	58°	55°	64°	427	414	82	85	NE	2	NE	3	10	9	—	Overcast all day.
Means	30°195	30°188	63°	59°	55°	68°	437	420	74°	83°	2°	1	2°	5°	3°	0°	612	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

BABBACOMBE.

Height above Mean Sea Level, 293 feet. Long. 3° 31' W. Lat. 50° 29' N.
JULY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	60.2	54.3	53.4	64.8	ins.	ins.	74	80	SSE 2	S 1	2	2	—	Squally before 9a. Δ (mist) p.
2	30.18	30.21	60.2	54.3	53.4	64.8	386	335	74	80	SSE 2	S 1	2	2	—	Δ n. ∞ a. and p.
3	30.21	30.21	59.9	57.8	47.4	70.0	370	375	72	79	NE 1	NNW 3	3	4	—	Δ n. ∞ a. and p.
4	30.24	30.24	60.3	60.2	52.2	74.6	449	410	70	79	NNW 2	NW 3	2	3	—	Δ n. ∞ a. and p.
5	30.30	30.32	60.3	57.0	54.4	75.7	446	377	64	81	NNW 2	NW 2	4	7	—	Squally a. and p.
6	30.33	30.28	61.2	56.0	54.5	70.4	406	386	76	86	NW 1	WSW 3	10	10	—	Sky greenish in W. to N.
7	30.30	30.29	58.0	56.4	54.0	61.1	404	386	83	86	SW 4	SW 5	10	9	110	Sky greenish in W. to N. 7p.-8p. Δ p.
8	30.27	30.21	62.3	53.9	53.9	68.8	482	313	86	75	W 2	NW 2	10	0	—	Δ n. Brown ∞ 10a.-4p.
9	30.25	30.23	62.1	54.1	45.2	65.8	344	335	62	80	ESE 2	WNW 2	2	0	—	Very clear 9a.-7p. Δ p.
10	30.19	30.16	61.0	59.0	44.9	69.6	384	379	72	76	ENE 1	SW 2	0	8	—	Δ n. ∞ 10a.-4p.
11	30.09	30.09	67.1	59.0	51.3	72.1	399	456	60	92	SSW 3	NW 2	3	9	—	Δ n. ∞ 10a.-4p.
12	30.13	30.16	62.9	52.0	51.3	69.6	342	283	59	73	NNW 2	WNW 2	7	6	—	Very clear 9a.-7p. Δ p.
13	30.11	30.15	60.3	54.1	49.1	65.6	301	286	58	69	WNW 2	NNW 2	8	8	—	Δ n. ∞ 10a.-4p.
14	30.25	30.28	60.6	55.5	49.6	67.5	345	312	66	72	E 2	NW 2	2	3	—	Δ n. ∞ 10a.-4p.
15	30.26	30.26	66.3	56.4	50.2	69.3	333	381	51	84	WSW 2	WSW 3	7	6	—	Δ n. ∞ 10a.-4p.
16	30.10	30.11	61.0	55.9	55.4	66.9	381	318	72	72	WNW 3	W 2	5	10	—	Δ n. ∞ 10a.-4p.
17	30.07	30.07	62.1	59.4	52.1	71.7	346	425	62	85	WNW 2	WNW 2	8	9	—	Squally before 9a. Δ (mist) p.
18	30.00	29.91	61.0	58.4	56.7	63.7	470	470	90	97	WSW 5	SW 4	10	10	—	Squally before 9a. Δ (mist) p.
19	29.89	29.93	61.6	59.3	58.1	67.5	516	491	94	97	WSW 5	SW 4	10	10	—	Squally before 9a. Δ (mist) p.
20	29.96	30.17	64.0	62.2	58.9	69.8	524	483	88	87	W 4	WNW 2	10	9	—	Squally before 9a. Δ (mist) p.
21	30.29	30.38	63.0	61.8	60.2	68.4	505	520	88	94	NE 1	Calm 0	10	10	—	Squally before 9a. Δ (mist) p.
22	30.40	30.38	63.7	60.3	58.1	66.8	467	446	80	86	ENE 2	ENE 2	8	8	—	Squally before 9a. Δ (mist) p.
23	30.36	30.29	61.2	57.3	56.2	67.7	331	351	61	75	ENE 2	Calm 0	3	0	—	Squally before 9a. Δ (mist) p.
24	30.29	30.29	63.7	60.1	53.0	69.8	335	353	56	68	ENE 3	SW 1	0	0	—	Squally before 9a. Δ (mist) p.
25	30.34	30.36	68.8	62.9	53.2	78.4	430	418	61	74	ENE 1	Calm 0	0	1	—	Squally before 9a. Δ (mist) p.
26	30.36	30.30	77.0	70.3	57.1	85.6	514	381	56	51	NE 1	NW 2	0	0	—	Squally before 9a. Δ (mist) p.
27	30.29	30.25	71.3	67.4	61.1	79.6	512	467	67	78	ENE 1	ENE 1	0	6	—	Squally before 9a. Δ (mist) p.
28	30.31	30.28	62.0	59.3	59.1	68.0	483	461	87	91	E 3	E 2	10	1	—	Squally before 9a. Δ (mist) p.
29	30.30	30.24	59.1	58.9	56.1	65.5	366	406	74	82	E 5	ENE 2	10	0	—	Squally before 9a. Δ (mist) p.
30	30.26	30.22	61.2	58.0	56.6	65.2	384	444	72	92	E 5	ENE 2	8	0	—	Squally before 9a. Δ (mist) p.
31	30.23	30.16	57.0	54.8	54.8	63.5	377	367	81	86	ENE 4	E 1	10	2	—	Squally before 9a. Δ (mist) p.
Means	30.210	30.207	63.1	58.4	53.6	69.4	409	394	71.1	80.6	2.5	2.0	5.6	4.9	0.230	

ST. AUBIN'S, JERSEY.

Height above Mean Sea Level, 139 feet. Long. 2° 10' W. Lat. 49° 11' N.
JULY 1885.

1	30.19	30.24	62.0	55.5	51.2	66.0	347	367	62	83	NE 1	NNE 2	0	0	—	Very dry a. Day extremely fine.
2	30.24	30.22	61.9	55.3	51.4	69.0	378	342	68	78	ENE 1	N 2	2	0	—	Extremely fine day. [evening.]
3	30.22	30.21	67.8	56.8	50.4	70.2	389	319	57	69	NE 1	N 2	1	7	—	Extremely fine day. Δ 6p. Cloudy
4	30.24	30.24	68.0	56.5	52.8	70.8	435	427	63	94	NW 2	Calm 0	4	7	—	Extremely fine day. Δ 6p.
5	30.31	30.33	63.8	56.2	54.9	67.8	417	422	70	93	Calm 0	NW 2	9	1	—	Δ a. and p. Δ 6p. Very fine day.
6	30.37	30.36	60.0	54.5	53.8	65.2	395	405	76	96	NW 1	Calm 0	10	10	—	Scotch Δ p. [evening.]
7	30.31	30.21	61.8	57.0	53.0	65.2	418	405	76	87	S by E 2	Calm 0	8	0	—	Cloudy a. Very fine and bright p.
8	30.17	30.24	59.5	55.0	54.2	64.2	457	395	90	91	S 1	NW 2	10	1	007	Scotch Δ 3p. Very fine from 3p.
9	30.28	30.25	65.0	55.0	50.1	68.9	320	325	51	75	N by E 2	N 2	1	0	—	Δ a. Extremely fine day. [day.]
10	30.20	30.18	67.0	62.5	52.8	77.7	397	347	60	61	NE 2	NE 1	2	2	—	Very fine and warm. Mirage in SE. p. [Greatest range of temp. yet recorded in July.]
11	30.13	30.15	67.2	58.7	58.7	70.0	434	440	65	89	W 2	Calm 0	3	7	012	Extremely fine day. Δ p.
12	30.16	30.18	58.9	55.0	53.0	65.4	423	375	85	87	Calm 0	NW 2	10	1	—	Gloomy a. Very fine p.
13	30.17	30.21	63.3	53.8	51.8	66.8	358	345	62	83	NW 2	Calm 0	4	3	—	Very fine day. Δ p.
14	30.21	30.29	66.6	55.0	50.0	69.9	380	349	59	81	NW 1	NNW 1	1	4	—	Δ a. Extremely fine day.
15	30.31	30.27	63.9	56.1	51.0	68.8	328	382	55	84	NW 1	Calm 0	5	7	—	Very cloudy.
16	30.18	30.16	61.2	56.2	52.0	66.9	420	383	78	85	SW 2	NW 1	9	7	—	Very cloudy a. Fine p.
17	30.15	30.15	65.0	56.0	55.0	68.3	386	402	62	89	W by N 2	Calm 0	5	5	—	Extremely fine day. Δ p.
18	30.11	30.05	64.0	60.5	55.1	67.2	446	446	75	85	SW 1	SW 1	4	9	030	Very fine p.
19	30.03	30.05	61.0	61.0	58.2	65.0	470	520	88	97	SW 2	SW 2	10	9	007	Early a. Gloomy. Sea roaring in [W. p.]
20	30.10	30.24	62.2	58.0	58.0	68.8	517	460	93	95	SW 3	Calm 0	10	10	005	Δ p. T ³ 5p.
21	30.33	30.39	64.3	62.2	56.8	71.8	541	517	90	93	Calm 0	Calm 0	9	1	—	Very cloudy a. Fine p.
22	30.37	30.34	71.3	62.0	57.2	78.0	517	421	68	76	NE 1	NE 2	1	0	—	Δ n. ∞ 10a.-4p.
23	30.31	30.26	67.3	60.9	56.6	71.1	508	384	76	72	NE 2	NE 1	1	3	—	Δ n. ∞ 10a.-4p.
24	30.23	30.26	67.0	60.4	57.0	71.8	515	447	78	86	ENE 2	NE 2	5	0	—	Δ n. ∞ 10a.-4p.
25	30.32	30.33	71.0	65.3	58.4	77.8	560	446	73	72	NE 2	NE 2	1	1	—	Δ n. ∞ 10a.-4p.
26	30.36	30.29	77.0	70.0	59.2	83.2	584	508	63	69	Calm 0	Calm 0	0	0	—	Extremely fine and hot.
27	30.27	30.19	76.6	69.0	65.0	80.0	660	551	73	78	NE 2	NE 3	0	0	—	Highest 9a. temp. since July 15th, 1881. [Humidity 36% 2p.]
28	30.23	30.19	63.0	60.2	60.0	69.0	487	456	84	88	ENE 3	NE 3	10	0	—	Extremely fine and hot, with breeze.
29	30.22	30.19	64.0	59.5	58.0	67.5	411	374	69	73	ENE 3	NE 2	3	0	—	Gloomy early a. all day. Bright p.
30	30.20	30.17	65.0	59.5	57.5	67.7	402	435	65	86	ENE 3	ENE 3	2	1	—	all day. Fine and bright. Wheat
31	30.16	30.11	65.0	58.8	58.0	67.1	410	410	67	83	ENE 3	ENE 2	2	2	—	Extremely fine day. [harvest begun.]
Means	30.239	30.226	65.2	58.8	55.2	69.9	442	413	71.0	83.2	1.6	1.3	4.6	3.2	0.111	Extremely fine day.

Earth temperature: Mean of 10 readings (taken every third day) at 1 foot 66° 7'; 3 feet 65° 3'; 6 feet 58° 6'.

LONDONDERRY.

Height above Mean Sea Level, 93 feet. Long. 7° 19' W. Lat. 55° 0' N.
JULY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	55.2	52.7	47.0	65.5	ins.	ins.	78	88	NW 1	NW 1	10	1	ins.	Fine all day.
2	30.13	30.20	55.2	52.7	47.0	65.5	393	349	78	95	WSW 1	NE 1	5	6	—	Fine all day.
3	30.15	30.17	61.4	56.2	52.4	71.4	423	408	78	90	SW 1	WSW 1	10	8	—	Fine all day.
4	30.23	30.26	58.7	57.7	51.0	68.8	417	423	84	88	W 2	WSW 2	10	8	0.04	
5	30.19	30.14	64.7	58.1	53.9	69.4	406	447	66	91	WSW 4	SW 3	7	10	1.40	showers.
6	30.11	30.08	63.3	58.3	55.2	67.0	451	395	77	80	SSW 3	SW 5	10	10	1.10	
7	30.08	30.05	60.2	56.7	53.0	67.4	479	355	92	77	SW 2	SE 2	10	5	0.10	
8	30.05	30.05	58.8	51.7	47.5	62.7	289	290	58	75	SW 4	SW 3	6	1	0.10	Fine and clear all day.
9	29.99	30.02	58.0	57.7	48.1	64.1	352	368	73	77	WSW 4	S 1	10	2	—	Fine all day.
10	30.03	30.03	60.2	57.7	55.8	64.0	396	455	76	95	SW 2	Calm 0	10	10	6.70	Fine till noon. showers in afternoon.
11	29.70	30.02	58.4	50.0	47.6	61.6	442	300	90	84	SW 3	WSW 2	10	6	0.40	
12	30.05	30.07	54.7	49.7	45.0	61.5	338	331	78	93	W 3	NW 1	10	5	1.10	showers all day.
13	30.08	30.10	56.7	49.7	45.0	60.5	320	312	71	88	W 2	NW 1	8	2	0.20	
14	30.22	30.10	56.1	53.5	44.6	60.4	342	339	75	82	W 1	SW 3	9	10	1.50	
15	29.98	30.02	55.2	51.7	51.2	61.2	374	355	85	92	W 2	WSW 1	10	10	0.50	
16	30.00	29.99	55.4	51.4	49.2	58.9	355	341	81	90	W 1	WSW 2	10	10	0.70	
17	29.98	30.02	54.7	53.3	48.1	62.7	351	379	81	93	W 2	W 2	10	10	2.80	Fair till 4 p., then showers.
18	30.02	30.07	55.7	51.0	61.1	426	365	96	95	SW 2	NNE 1	10	10	0.70	nearly all day.	
19	30.01	30.05	56.7	50.7	47.3	63.4	341	358	73	96	NE 1	NE 1	10	10	1.20	from noon.
20	30.04	30.14	61.7	52.8	42.8	66.0	373	330	68	82	NE 2	NNE 1	4	10	—	
21	30.30	30.35	61.2	62.7	45.9	71.7	398	424	66	74	NE 1	SE 1	4	10	—	
22	30.38	30.41	64.2	62.2	58.1	74.9	406	528	82	95	WSW 2	NW 1	10	10	—	Warm day, but overcast.
23	30.39	30.35	63.0	59.7	58.4	77.0	520	470	90	92	SW 2	Calm 0	10	8	—	Warm day, but overcast.
24	30.29	30.26	74.7	67.7	53.4	83.0	558	571	65	84	NW 2	S 1	1	10	—	Fine all day.
25	30.26	30.34	72.6	62.6	60.0	74.5	445	512	55	90	SW 2	SW 1	8	10	0.50	
26	30.40	30.43	56.4	53.4	51.9	64.9	434	366	96	90	E 1	NE 1	10	10	0.10	
27	30.42	30.45	63.1	52.4	51.0	67.0	397	358	60	91	NE 2	NNE 1	7	0	—	Fine and clear all day.
28	30.43	30.39	67.7	56.7	46.0	71.5	442	406	65	88	NE 1	NE 1	1	0	—	Fine and clear all day.
29	30.39	30.36	71.0	58.7	47.7	79.8	435	438	55	88	SE 2	Calm 0	1	0	—	Fine all day.
30	30.35	30.31	69.7	56.7	50.5	70.5	507	387	71	84	Calm 0	E 1	0	0	—	Fine and clear all day.
31	30.29	30.27	71.3	55.7	48.0	71.3	403	393	52	88	NE 2	Calm 0	0	0	—	Fine and clear all day.
Means	30.132	30.144	61.4	55.6	50.1	68.1	400	392	75.2	87.6	1.9	1.4	7.5	6.5	1.950	

MARKREE CASTLE, SLIGO.

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

JULY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	54.9	51.1	50.0	59.1	ins.	ins.	95	90	Calm	o	NNW	0.5	10	8	ins.
2	30.12	30.19	53.6	53.7	49.8	66.0	3375	3387	91	94	Calm	o	Calm	o	10	10	—
3	17	13	57.0	55.0	50.0	65.5	408	381	88	88	SW	0.5	Calm	o	10	7	0.10
4	22	26	59.9	56.7	49.9	69.5	433	412	85	90	SW	0.5	SW	1	9	10	—
5	18	30.15	61.9	57.1	52.1	67.2	426	464	77	99	SSW	1	SSW	1	9	10	0.90
6	30.08	29.82	60.9	56.9	55.1	63.3	446	427	84	93	SSW	4	S	4	10	10	3.50
7	29.78	29.74	58.9	55.0	54.0	65.9	446	349	90	81	SW	2	SW	4	10	10	0.50
8	30.03	30.03	57.2	50.0	44.0	61.3	437	309	93	86	SW	2	S	1	6	7	0.50
9	29.98	30.01	54.9	57.1	47.0	62.7	379	379	89	81	SSW	2	SSW	4	10	10	—
10	30.01	29.98	59.0	57.9	53.8	65.0	413	428	83	89	SSW	3	Calm	o	10	10	6.30
11	29.77	30.03	56.3	47.6	46.9	59.1	393	305	86	93	NNW	2	Calm	o	9	7	1.30
12	30.04	05	53.2	49.0	41.2	59.3	352	330	87	95	Calm	o	Calm	o	9	10	1.40
13	06	18	54.9	48.2	44.0	58.4	393	295	70	89	N	1	Calm	o	9	7	—
14	30.21	10	58.6	53.3	33.9	61.2	338	341	69	83	NW	1	S	1	7	10	0.70
15	29.98	01	58.4	52.1	51.2	62.1	413	342	84	87	W	3	NW	0.5	9	10	0.30
16	30.00	30.01	53.0	51.0	48.4	56.2	350	331	87	88	NNW	2	N	1	10	10	0.10
17	29.98	29.85	56.8	56.0	48.2	61.2	335	443	70	99	SSW	1	Calm	o	9	10	1.160
18	68	67	57.9	54.4	53.9	61.6	468	395	98	94	Calm	o	NNW	1	10	10	0.60
19	78	29.66	55.0	53.3	46.9	60.0	323	379	75	93	Calm	o	ENE	2	10	10	5.10
20	29.92	30.06	60.7	57.1	44.7	67.0	361	427	68	91	E	0.5	E	0.5	4	10	0.40
21	30.25	32	55.5	63.4	53.3	70.3	400	531	91	91	SE	0.5	Calm	o	10	10	1.20
22	36	37	61.9	59.1	59.4	63.4	533	492	97	98	Calm	o	N	0.5	10	10	1.00
23	35	29	63.9	58.9	54.3	73.1	555	475	94	96	Calm	o	Calm	o	8	3	0.10
24	25	24	73.4	62.1	53.1	77.9	584	489	70	88	E	0.5	SSE	1	6	10	—
25	26	33	67.2	62.3	56.5	72.0	425	551	63	98	S	2	Calm	o	9	10	0.60
26	33	34	64.8	59.3	58.7	65.8	587	495	96	98	SSE	1	E	1	10	10	2.80
27	37	35	59.9	60.8	52.8	66.4	454	422	89	80	NNE	1	ENE	3	10	10	—
28	36	33	66.8	57.0	53.5	70.6	522	411	80	88	ESE	2	Calm	o	7	3	—
29	32	31	65.3	58.8	45.4	73.2	477	391	77	79	SE	2	Calm	o	4	0	0.09
30	29	25	68.2	54.4	44.0	75.1	470	364	68	86	Calm	o	SE	0.5	0	0	0.09
31	30.25	30.22	65.8	62.0	42.1	76.9	459	456	72	82	SSE	0.5	N	0.5	2	7	—
Means	30.109	30.110	59.9	55.8	49.6	65.7	428	405	82.8	89.9	1.1	0.9	8.3	8.4	3.990		

DUBLIN.

Height above Mean Sea Level, 54 feet. Long. 6° 15' W. Lat. 53° 20' N.

JULY 1885.

1	30.17	30.19	57.0	57.2	44.7	62.1	359	417	77	89	WNW 3	W 1	9	2	—	
2	20	15	61.0	60.7	48.4	68.7	425	428	80	81	ENE 1	W 2	2	3	—	☁ a. Day very fine, bright, and warm.
3	18	20	59.2	61.5	54.1	68.0	404	444	81	81	W 2	WSW 2	7	3	—	☁ a. Dull 10 a. Very fine and hot p.
4	27	30	61.2	61.0	56.3	69.3	404	419	76	79	WSW 2	W 2	8	2	—	Cloudy a. Very fine p. Warm.
5	27	23	62.0	62.8	55.5	71.6	399	431	72	76	W 2	WSW 3	6	4	—	Brilliant and hot p. Much cirrus sp.
6	30.20	30.01	63.0	61.0	58.0	69.8	442	383	77	72	WSW 3	SSW 5	8	8	0.30	Brilliant and hot p. Squally later.
7	29.88	29.82	63.8	60.2	59.1	67.5	457	485	77	94	SW 4	SW 3	7	4	0.79	Squally ☁ n. Day cloudy and [damp. ☁ s. 3.30 p.
8	29.99	30.11	59.1	55.0	52.1	65.3	315	277	63	65	W 4	WSW 2	5	0	—	Much cooler and drier a. Luminous [cirri to NNE. 11 p.
9	30.13	12	59.9	57.7	50.2	67.2	345	369	66	77	SW 3	SW 2	8	2	—	Very fine p.
10	30.11	07	65.0	61.6	53.8	71.7	347	422	56	78	SW 3	SSW 2	5	6	0.26	Much cirrus p. ☁ (mist) p.
11	29.85	06	65.7	55.8	55.8	68.5	433	327	73	74	SSW 5	WSW 3	7	4	—	Squally a. and p. Day warm. Much [cooler p.
12	30.11	09	58.6	54.8	46.2	61.7	307	322	63	76	WNW 2	WSW 2	7	6	0.58	☁ showers after 11 a. [cooler p.
13	10	17	55.6	54.3	49.8	60.0	312	329	71	78	WNW 2	W 2	8	4	0.22	Cloudy and cool. ☁ 0.30 p.
14	25	19	59.8	58.2	45.5	65.8	340	340	67	70	W 2	WSW 2	4	9	—	Warmer a. Sky covered with cir-s. p.
15	08	06	59.7	55.5	54.3	67.5	372	316	72	71	SW 4	W 2	9	1	—	Squally a. a. and p. Bright at [times p.
16	04	30.03	57.1	55.0	52.0	61.9	340	329	73	76	WNW 3	W 2	9	9	—	Very cloudy throughout.
17	30.04	29.96	57.4	59.2	48.3	64.7	286	477	60	95	W 3	SW 2	7	10	0.72	☁ from 6 p.
18	29.77	68	61.7	62.8	58.0	65.3	487	477	89	83	WSW 4	WSW 3	10	5	0.71	Dull and warm. ☁ 2 showers p.
19	82	29.65	56.3	57.0	53.9	63.0	385	455	85	98	ENE 1	WSW 1	10	10	5.42	Dull, damp, and chilly. ☁ 2 from 2 p.
20	29.93	30.11	54.9	59.2	52.9	63.7	402	464	94	93	N 2	W 1	9	10	1.70	Dull a. Finer p.
21	30.20	37	58.8	58.6	55.1	65.0	474	425	96	86	Calm o	ESE 1	7	7	—	[1 p. ☁.
22	39	39	65.9	64.8	57.9	68.8	537	582	84	95	ESE 1	Calm o	9	10	0.84	Damp and very warm. ☁ a. ☁ 10 a.
23	38	32	61.7	62.9	60.3	70.8	514	515	94	90	Calm o	Calm o	10	0	—	☁ a. Dull and warm, with ☁.
24	30	28	67.0	64.0	56.3	71.7	514	514	78	86	ESE 1	SE 2	1	1	—	☁ a. Day brilliant. [☁ 2 p.
25	32	37	69.0	68.0	60.2	77.0	517	548	73	81	ESE 1	W 2	0	1	—	☁ a. Day brilliant.
26	39	37	71.0	62.7	60.8	73.4	567	510	74	90	SSE 2	NW 2	2	7	—	Day very fine and hot. Chilly ☁ p.
27	38	38	60.8	61.4	58.2	67.8	473	479	89	89	NNE 3	N 2	10	2	—	Bright p. ☁ later p.
28	39	36	63.5	60.7	59.4	67.0	452	436	77	83	NE 2	ENE 2	9	5	—	Overcast a. Bright p. ☁ from 5 p.
29	37	34	62.0	60.0	55.8	67.5	494	499	73	79	ENE 3	E 1	2	0	—	Brilliant day, with cool breeze. ☁ p.
30	33	29	63.8	59.0	51.7	67.4	410	406	69	82	E 2	Calm o	0	0	—	Brilliant day, with cool breeze. ☁ p.
31	30.27	30.23	65.4	61.9	50.7	72.3	481	427	78	77	E by S 2	W 2	0	1	—	☁ a. and p. Day very bright and [warm.
Means	30.167	30.157	61.4	59.8	54.0	67.6	416	425	76.0	82.1	2.3	1.9	6.3	4.4	1.154	

PARSONSTOWN (BIRR CASTLE).

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

JULY 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	55.2	53.8	44.8	61.3	in.	in.	%	%	Calm	o	Calm	o	10	1	ins.
2	30.18	30.21	55.2	53.8	44.8	61.3	.404	.371	93	89	Calm	o	Calm	o	10	1	—
3	20	17	60.3	57.8	42.2	69.1	.411	.445	79	92	Calm	o	Calm	o	4	9	—
4	20	21	56.0	67.0	52.2	63.9	.391	.433	87	93	SW	0.5	SW	1	10	10	☁ (mist) before 9a.
5	28	34	60.8	58.3	57.5	68.3	.439	.417	83	86	WSW	0.5	WSW	1	10	10	—
6	28	30.25	60.6	59.3	54.1	66.2	.424	.441	81	88	SW	1	SW	0.5	10	5	—
7	30.18	29.95	60.8	57.5	55.8	66.1	.413	.428	78	90	SW	3	SSW	3	10	10	*383
8	29.84	29.83	61.4	55.0	54.9	62.8	.497	.370	92	86	SSW	1	SSW	0.5	10	4	*150 ☁ (mist) p.
9	30.00	30.11	53.8	50.8	45.7	61.1	.345	.325	83	87	SW	2	Calm	o	4	6	—
10	10	10	60.3	58.9	46.0	65.4	.341	.403	65	82	SSW	3	S	1	7	10	—
11	30.08	04	63.3	61.0	53.3	66.9	.403	.404	70	87	SSW	1	SSW	0.5	8	10	*258
12	29.87	08	60.2	51.2	50.1	62.2	.417	.315	80	84	SSW	1	SW	0.5	6	0	*012
13	30.11	11	53.9	51.1	43.4	58.5	.345	.330	83	87	SW	0.5	S	1	9	8	*143
14	11	19	55.1	54.9	44.8	60.6	.322	.360	75	84	Calm	o	NW	0.5	7	9	—
15	26	21	58.4	54.8	39.3	65.7	.337	.354	69	83	Calm	o	W	0.5	3	10	*019
16	08	08	56.2	54.8	52.0	60.2	.428	.339	95	79	SSW	0.5	SW	0.5	10	10	—
17	07	30.07	55.0	53.2	49.5	58.9	.357	.344	83	85	SW	1	Calm	o	10	9	—
18	30.04	29.93	56.5	58.3	46.3	60.2	.361	.469	79	96	SW	1	SW	0.5	10	10	*244
19	29.77	20	59.8	59.4	55.9	65.8	.485	.484	94	96	SW	0.5	Calm	o	10	10	*093
20	80	29.67	57.9	58.8	53.9	63.3	.419	.433	87	97	Calm	o	SW	3	10	10	*617 ☁ (mist) ga.
21	29.95	30.09	54.8	60.2	51.4	64.0	.398	.512	92	98	Calm	o	Calm	o	10	10	*055 ☁ (mist) before 9a.
22	30.28	36	63.2	64.9	58.1	74.0	.513	.571	89	93	Calm	o	Calm	o	7	10	*207
23	39	39	63.8	62.6	60.8	71.7	.550	.546	94	96	Calm	o	Calm	o	10	2	*010
24	37	32	66.3	67.1	58.8	76.8	.574	.594	89	90	Calm	o	Calm	o	10	4	—
25	28	29	71.5	65.2	57.9	78.2	.575	.491	74	80	SSE	1	NW	0.5	2	10	—
26	31	37	72.2	63.9	54.8	70.0	.554	.524	70	88	SSW	1	Calm	o	7	9	—
27	38	36	68.2	67.1	59.9	78.7	.576	.598	84	90	Calm	o	Calm	o	2	3	—
28	36	35	62.9	63.3	61.0	71.5	.511	.466	90	85	SE	2	NE	1	10	0	—
29	35	33	67.9	59.5	57.1	72.5	.477	.424	70	84	SE	2	SSE	1	0	7	—
30	33	31	66.6	60.7	50.1	75.8	.398	.374	62	71	SSE	1	E	1	0	0	—
31	30	27	65.7	60.0	48.0	74.3	.407	.412	65	80	ESE	1	Calm	o	0	0	—
31	30.27	30.22	61.6	62.5	44.9	77.0	.420	.478	77	85	N	0.5	Calm	o	0	0	—
Means	30.161	30.158	61.0	58.8	51.8	67.9	.435	.439	81.0	87.5	0.8	0.6	7.0	6.6	2.191		

DUNROBIN CASTLE.

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

AUGUST 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	56.7	52.6	64.4	in.	in.	78	79	N	N	—	—	—	Fine a. Dull p.
2	19	12	53.5	52.5	42.7	64.6	305	299	75	74	E	E	—	—	—	Fine a. Dull p.
3	12	14	53.0	49.3	48.4	57.4	306	263	76	75	E	E	—	—	—	Fine and cold.
4	14	19	52.7	52.0	46.5	56.3	326	343	82	88	NE	NE	—	—	—	Fair a. Dull p.
5	19	15	51.7	52.0	47.6	56.4	314	328	82	84	NE	NE	—	—	—	Dull and breezy.
6	30.09	30.00	55.5	54.5	49.6	58.2	363	390	82	92	NE	NE	—	—	1.30	Dull and mild.
7	29.87	29.73	57.0	59.2	54.1	59.2	434	392	93	78	E	NW	—	—	0.20	Dull day.
8	74	76	55.3	57.4	53.1	59.9	391	429	89	91	NE	NE	—	—	—	Dull and breezy. ☉ showers p.
9	63	29.29	58.2	60.9	52.6	62.2	398	426	82	81	SE	S	—	—	0.90	Dull and cloudy.
10	23	28.99	61.9	54.0	52.6	63.2	407	374	85	90	S	S	—	—	500	Cloudy and dull.
11	25	29.55	57.6	48.5	48.5	57.6	364	292	77	87	SW	SW	—	—	—	Fine a. Windy, with ☉ (mist) p.
12	58	29.54	53.0	49.7	42.5	58.9	292	313	73	88	W	N	—	—	0.80	Fine, breezy, and cold.
13	29.76	30.09	49.0	43.9	42.7	54.0	245	216	70	75	E	NW	—	—	—	Fine and breezy.
14	30.14	21	53.3	51.0	39.6	56.9	281	331	70	88	S	N	—	—	0.60	Fine day.
15	23	16	55.3	50.7	45.7	62.4	293	331	68	72	SE	W	—	—	1.00	Fine p.
16	04	06	58.6	52.0	50.6	63.6	451	353	92	91	NW	NW	—	—	—	Fine day.
17	06	14	53.7	50.0	47.8	54.3	303	280	74	78	E	W	—	—	—	Fine day.
18	18	22	55.5	47.7	41.9	56.9	288	289	66	88	N	W	—	—	—	Fine and mild.
19	23	19	49.5	50.5	46.7	61.4	286	312	81	85	E	E	—	—	—	Fine, warm, and breezy.
20	19	21	54.5	51.3	48.8	57.6	342	327	81	86	E	S	—	—	—	Very fine.
21	30.10	30.01	57.4	52.5	49.6	66.5	365	337	77	85	E	NW	—	—	—	Fine and breezy.
22	29.94	29.88	54.5	53.0	50.4	60.9	368	355	87	88	W	W	—	—	—	Fine day.
23	92	29.95	54.5	51.7	51.6	58.4	342	352	81	92	NW	NW	—	—	—	Fine a. Dull p.
24	29.96	30.04	54.5	53.3	48.8	58.4	355	326	84	80	W	N	—	—	—	Fine day.
25	30.09	15	55.7	51.5	48.4	56.4	308	283	70	75	E	E	—	—	—	Cloudy a. Clear p.
26	19	17	51.7	50.3	45.2	53.0	240	248	63	69	E	E	—	—	—	Fine and sunny a. Dull p.
27	17	14	52.5	50.3	45.7	54.5	233	233	60	65	E	E	—	—	—	Dull and cloudy.
28	16	16	46.4	48.0	43.9	51.3	275	249	88	75	SW	NE	—	—	—	Cloudy and mild a. Cold p.
29	14	07	52.3	45.9	45.7	55.5	213	236	55	77	SW	W	—	—	—	— a. Fine day.
30	09	08	43.2	44.7	37.1	54.5	223	227	80	77	S	E	—	—	—	Very fine.
31	30.10	30.14	53.5	46.0	40.5	55.5	244	255	60	83	W	NE	—	—	—	
Means	29.998	29.994	54.1	51.5	47.1	58.4	324	315	76.8	81.8	—	—	—	—	1.140	

BRAEMAR.

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

AUGUST 1885.

1	30 ²¹	30 ²⁵	63 ⁰	52 ⁷	44 ⁵	72 ⁵	356	354	62	89	E	1	NE	1	1	7	—	Dry and warm.
2	17	12	52 ¹	53 ⁵	50 ⁴	64 ⁷	319	305	81	75	E	1	E	1	8	8	260	
3	07	12	47 ⁵	44 ⁹	44 ⁹	56 ³	297	248	91	84	E	1	E	2	10	7	070	☉ a. Stormy p.
4	07	12	53 ⁵	49 ⁰	36 ⁹	58 ⁴	294	283	72	81	E	0 ⁵	E	2	7	4	—	Cold and dry.
5	10	13	56 ⁸	46 ⁵	39 ⁷	59 ⁰	300	279	65	89	E	2	E	1	2	5	020	Cold and dry.
6	30 ⁰⁵	30 ⁰⁰	51 ⁵	47 ⁹	44 ⁵	61 ⁹	347	282	91	86	E	0 ⁵	N	1	9	8	040	Dull and damp.
7	29 ⁷⁶	29 ⁷¹	62 ⁴	53 ³	45 ⁵	65 ²	381	307	68	76	NE	0 ⁵	SW	0 ⁵	2	7	—	
8	68	75	59 ¹	54 ³	51 ⁵	61 ⁵	361	370	73	88	SW	0 ⁵	SW	0 ⁵	7	7	030	☉ ⁰ showers.
9	65	38	53 ⁷	50 ⁷	44 ⁵	57 ³	328	395	80	86	SW	2	SW	6	8	9	280	
10	25	04	54 ⁷	54 ⁵	48 ⁵	57 ⁹	293	350	69	83	SW	6	SW	4	8	9	690	Stormy, with ☉
11	28	54	54 ⁶	46 ⁵	45 ³	57 ⁵	310	251	73	80	SW	4	SW	4	8	3	040	Stormy, with ☉
12	58	29 ⁴⁰	48 ⁰	42 ⁴	42 ³	56 ³	260	252	75	93	SW	0 ⁵	N	8	8	10	3440	☉ p. Snow on hills.
13	29 ⁷⁷	30 ¹³	45 ⁶	41 ⁶	40 ³	51 ⁷	202	220	66	84	NW	2	SW	0 ⁵	6	7	050	Stormy.
14	30 ¹⁵	26	48 ³	47 ⁸	36 ⁴	54 ⁷	226	300	67	91	W	2	W	0 ⁵	5	4	020	Stormy.
15	25	21	51 ⁵	53 ⁵	38 ⁶	63 ⁷	278	359	74	88	SW	2	SW	2	4	7	—	Fine and clear.
16	06	06	59 ³	54 ⁵	47 ¹	61 ⁷	385	368	77	87	W	4	W	0 ⁵	7	3	020	Dull day.
17	03	09	53 ⁹	49 ⁶	41 ³	61 ²	283	265	69	75	NW	2	NW	2	7	7	—	Fine and clear.
18	12	22	53 ²	47 ⁵	40 ⁶	62 ⁹	265	265	66	82	N	1	SE	0 ⁵	7	1	—	Fine and clear.
19	15	17	52 ³	53 ⁷	35 ²	65 ⁵	259	281	67	69	SE	1	E	1	5	1	—	Fine and clear.
20	14	21	53 ²	46 ⁵	46 ⁵	62 ⁵	304	293	75	94	E	1	E	0 ⁵	7	0	—	Fine and clear.
21	30 ⁰⁵	30 ⁰⁸	62 ³	51 ⁷	44 ⁰	67 ⁵	325	327	62	85	NE	0 ⁵	NE	0 ⁵	6	1	—	Fine and clear.
22	29 ⁹⁶	29 ⁹⁴	54 ⁵	53 ⁶	40 ¹	64 ³	335	386	79	94	NE	1	NE	0 ⁵	7	6	—	Fine and clear.
23	29 ⁹²	29 ⁹²	53 ⁵	52 ⁵	50 ⁰	67 ⁰	324	362	79	92	NE	0 ⁵	NE	0 ⁵	6	6	—	Fine and clear.
24	29 ⁹³	30 ⁰⁰	54 ⁹	52 ⁵	39 ³	60 ⁷	379	349	89	90	E	0 ⁵	E	2	8	6	—	
25	30 ⁰⁸	16	47 ⁷	45 ⁹	45 ⁸	55 ¹	313	284	95	93	E	1	NE	1	5	9	—	Damp, with ☉ ⁰ (mist).
26	16	16	47 ⁷	45 ⁶	44 ⁰	51 ³	237	244	72	80	NE	2	NE	1	7	6	—	Fair, but cold.
27	12	13	46 ⁵	44 ⁶	38 ⁵	50 ⁰	239	248	76	84	E	2	E	1	7	8	—	
28	13	12	44 ²	43 ⁸	41 ⁷	48 ⁵	213	224	73	77	E	1	NE	1	7	7	—	
29	12	07	44 ¹	44 ¹	42 ¹	51 ⁹	210	233	73	80	NE	1	NE	1	8	8	—	
30	06	09	46 ⁵	39 ⁸	38 ⁶	58 ⁷	211	207	67	85	NE	1	NE	1	6	1	—	Clear, but cold.
31	30 ⁰⁸	30 ¹⁵	43 ¹	42 ⁰	29 ⁵	53 ⁵	224	229	80	86	E	0 ⁵	NE	1	0	4	—	
Means	29 ⁹⁷¹	29 ⁹⁹¹	52 ²	48 ⁸	42 ⁴	59 ⁶	292	294	74 ⁴	84 ⁷	1 ⁵	1 ⁶	6 ²	5 ⁷	4 ⁹⁶⁰			

LAUDALE.

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

AUGUST 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	56.0	48.1	68.3	in.	in.	80	87	Calm	0	Calm	0	0	ins.	Fine all day. Purple ☉ to NW. 9p.	
2	30.25	30.22	58.0	52.4	47.5	64.4	415	368	86	79	Calm	0	N	2	10	4	010	☉ (mist) 9a. Fine day.
3	17	14	55.3	49.0	48.1	56.2	346	303	79	87	N	3	Calm	0	8	5	260	☉ showers all day.
4	08	11	52.7	53.0	45.9	63.6	315	322	79	80	ENE	1	NE	1	10	2	—	Dull, with ☉ (mist) a. Day fine.
5	12	11	52.7	53.0	45.9	63.6	315	322	79	80	ENE	1	NE	1	10	2	—	Fine all day.
6	09	30.04	60.2	56.0	47.3	68.4	335	350	64	77	E	2	NE	3	4	0	—	Dull 9a. Day fine.
7	30.01	29.94	59.9	59.9	47.7	68.8	388	445	76	87	NE	2	Calm	0	4	10	—	Fine all day. ☉ (mist) p.
8	29.83	29.73	61.5	56.9	54.7	65.2	445	463	82	100	Calm	0	W	1	7	10	—	Dull, with ☉ (mist) a.
9	76	76	55.2	57.3	52.9	60.0	358	401	81	85	W	2	S	1	10	10	070	☉ all day.
10	48	26	57.8	59.9	55.1	60.3	421	461	87	90	SSE	7	S	7	10	10	1230	Squally ☉ a. ☉ Noon—5p. Bar. 28.98
11	16	12	57.8	52.0	52.0	60.5	390	364	81	94	S	3	Calm	0	8	4	720	☉ showers all day. ☉ p. ☉ (mist).
12	34	57	51.7	49.9	49.0	56.0	365	287	95	81	W	3	WNW	1	10	10	110	☉ showers all day. ☉ p. ☉ (mist).
13	51	29.51	53.0	50.2	47.3	55.8	322	317	80	88	S	1	NW	4	8	10	100	Upper clouds from W. a. ☉ 0.30p.—
14	29.88	30.13	49.9	48.0	46.5	54.8	272	267	77	80	NW	4	NW	2	6	9	090	☉ 11a. [5.30p. ☉ (mist).
15	30.19	27	51.2	48.7	42.6	57.3	320	299	85	87	NW	2	Calm	0	10	3	—	Dull and gloomy a. Fine p.
16	24	23	56.6	55.8	44.8	62.9	374	365	81	81	SSE	2	Calm	0	2	10	200	Dull, with ☉ showers a.
17	15	12	57.7	56.8	54.2	60.1	437	431	91	93	W	5	W	4	10	10	230	☉ ☉ (mist).
18	10	13	54.0	52.7	52.7	59.1	385	346	92	87	NW	1	NW	1	10	10	—	☉ (mist) a. Cold and dull.
19	17	21	54.8	52.0	45.6	61.5	346	356	81	92	Calm	0	Calm	0	6	0	—	Fine all day.
20	18	14	56.7	53.2	43.2	68.7	389	366	85	91	Calm	0	Calm	0	1	1	—	Fine all day.
21	14	17	59.9	54.8	46.3	67.2	383	356	75	81	SE	3	Calm	0	0	1	—	Very fine all day.
22	30.10	30.03	59.0	52.8	46.3	67.5	391	369	78	92	W	2	Calm	0	1	2	—	Very fine all day.
23	29.97	29.92	54.0	52.7	48.0	65.3	394	370	94	93	W	1	Calm	0	10	3	—	Fine all day.
24	89	29.93	57.2	52.7	49.4	64.6	414	373	88	94	S	1	Calm	0	3	2	—	Fine all day.
25	29.97	30.03	55.5	53.8	52.7	57.3	412	369	94	88	Calm	0	Calm	0	10	10	—	Dull and threatening all day.
26	30.06	09	56.3	56.6	50.5	61.3	387	356	85	79	Calm	0	Calm	0	9	10	—	☉ (mist) 9a. Dull all day.
27	11	11	55.2	57.0	50.6	60.5	340	300	78	64	ESE	3	E	2	9	6	—	Dull day.
28	10	08	52.0	45.9	42.2	57.0	298	245	70	80	E	4	E	2	4	2	—	Fine all day.
29	10	11	52.0	49.2	41.2	57.5	281	259	73	74	E	4	NE	2	3	6	—	Fine all day.
30	13	08	50.6	48.0	45.8	57.0	259	281	70	85	NE	1	Calm	0	10	7	—	Fine all day.
31	06	06	53.0	46.1	42.9	59.6	304	282	75	91	NE	2	Calm	0	9	3	—	Fine all day.
32	30.05	30.11	53.7	47.0	43.9	61.7	319	291	77	91	SE	2	Calm	0	6	2	—	Fine all day.
Means	29.982	29.983	55.7	52.8	47.9	61.6	363	345	81.3	85.8	2.0	1.1	6.7	5.5	3.020			

ROTHESAY.

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

AUGUST 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	67.3	62.9	52.8	77.6	ins.	ins.	77	88	E	NNE	—	—	ins.	∞. Warm day.
2	30.23	30.18	57.1	56.0	54.8	64.6	.508	.504	77	88	ESE	NW	—	—	—	∞. Dull and mild.
3	30.19	30.14	58.1	49.5	47.3	62.1	.359	.334	75	95	NW	NE	—	—	.430	☉ showers.
4	30.07	30.09	57.0	52.5	43.8	67.0	.348	.347	72	88	NE	SSW	—	—	—	Fine day.
5	30.08	30.07	57.4	54.5	50.3	63.1	.365	.444	77	98	E	E	—	—	.135	☉ p.
6	30.01	29.93	55.5	57.4	49.3	66.1	.376	.447	85	95	NE	ENE	—	—	.130	Fine and breezy. T 4.30p.
7	29.81	29.74	64.0	55.0	55.0	67.0	.492	.395	80	91	NE	NW	—	—	.010	Fine a. ☉ showers p.
8	29.79	29.82	55.5	56.5	51.8	61.6	.363	.387	82	85	W	S	—	—	.206	Fine day.
9	29.56	29.34	55.0	57.7	53.5	59.0	.424	.464	98	97	SE	SSE	—	—	.410	Dull and stormy, with ☉.
10	29.23	29.15	59.9	54.2	52.6	60.4	.424	.418	83	99	SSE	WSW	—	—	.446	Dull, with ☉.
11	29.40	29.64	54.0	49.0	48.8	59.0	.394	.393	94	87	W	W	—	—	.050	Dull, with ☉ showers.
12	29.51	29.47	52.0	46.1	44.8	52.4	.353	.291	91	93	NE	NW	—	—	.620	Dull, with ☉.
13	29.81	30.17	52.0	43.4	43.4	55.3	.274	.255	71	91	NW	NW	—	—	.010	Blowy, chilly, and fine.
14	30.24	30.29	52.0	46.4	41.5	59.0	.328	.287	84	91	W	NW	—	—	—	Breezy.
15	30.27	30.25	61.1	51.5	40.3	68.8	.426	.352	80	93	S	SW	—	—	—	Breezy.
16	30.20	30.14	57.9	50.8	45.3	65.1	.414	.440	86	95	W	SW	—	—	.005	Cloudy and mild.
17	30.09	30.13	57.2	52.3	47.8	63.6	.378	.362	81	92	NW	NW	—	—	—	Fine and breezy.
18	30.17	30.18	58.2	52.2	45.5	67.6	.367	.372	76	96	NW	NW	—	—	—	Fine and warm.
19	30.18	30.11	59.9	57.9	44.3	70.2	.388	.425	76	89	SW	N	—	—	—	Warm.
20	30.12	30.14	60.0	50.0	44.6	68.6	.411	.339	78	94	ENE	NW	—	—	—	Clear and warm.
21	30.02	30.01	60.1	56.5	45.8	76.3	.426	.421	75	92	NNW	NNW	—	—	—	Clear and warm.
22	29.93	29.86	67.8	56.0	47.8	75.6	.495	.431	73	96	NW	NW	—	—	—	Fine day.
23	29.89	29.94	61.7	53.0	53.0	65.1	.454	.380	83	94	NE	Calm	—	—	—	Fine and mild.
24	29.99	30.03	57.0	51.0	49.3	64.1	.411	.336	86	90	W	NNW	—	—	—	Fine and mild.
25	30.06	30.10	60.1	52.0	43.3	65.1	.422	.315	82	81	W	NE	—	—	—	Dull, with ☉.
26	30.13	30.10	56.5	50.0	48.3	63.1	.351	.291	77	81	ENE	ENE	—	—	—	Fine and breezy.
27	30.07	30.06	55.0	49.0	43.3	60.1	.354	.303	82	87	ENE	ENE	—	—	—	Blowy and cold.
28	30.07	30.11	54.8	49.0	44.9	61.3	.339	.303	79	87	ENE	ENE	—	—	—	Blowy and chilly.
29	30.13	30.08	49.3	42.1	42.1	56.0	.299	.232	85	87	NE	NW	—	—	—	Blowy and chilly.
30	30.09	30.06	50.5	50.0	42.1	61.1	.297	.291	81	81	NE	Calm	—	—	—	Fine day.
31	30.06	30.13	53.8	45.6	44.3	63.1	.308	.252	74	82	NE	Calm	—	—	—	Fine day.
Means	29.984	29.986	57.7	52.1	47.2	64.2	.387	.357	81.0	90.3	—	—	—	—	2.452	

PINMORE.

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

AUGUST 1885.

1	30°23	30°21	70°0	55°0	48°2	77°9	.489	.421	67	97	N	3	Calm	0	2	0	—
2	°19	°15	55°9	56°2	45°3	66°0	.424	.385	95	85	Calm	0	Calm	0	10	10	—
3	°09	°04	56°3	48°9	48°9	62°1	.341	.292	75	85	NW	3	NE	3	6	10	.350
4	°06	°11	55°7	47°1	46°2	60°1	.381	.242	92	75	NW	4	Calm	0	10	10	.010
5	°12	30°07	53°9	53°8	44°3	60°6	.302	.380	73	91	Calm	0	Calm	0	10	10	.210
6	30°00	29°94	61°1	57°6	45°3	62°6	.457	.438	85	92	Calm	0	Calm	0	10	10	.150
7	29°84	°80	59°5	54°4	43°4	68°3	.413	.359	81	85	SW	3	S	4	4	10	—
8	°82	°87	54°9	55°9	52°0	65°0	.317	.395	74	89	S	3	S	3	10	10	.200
9	°61	°43	57°0	59°0	54°0	59°1	.428	.455	92	92	SW	6	SW	8	10	10	.920
10	°28	°22	54°9	54°9	53°8	60°1	.328	.417	77	97	SW	4	SW	4	10	10	.380
11	°45	°70	52°8	48°9	48°9	59°9	.380	.318	95	93	W	4	Calm	0	10	8	.210
12	°50	29°50	52°6	46°9	45°3	56°1	.343	.292	86	92	Calm	0	S	3	10	9	.300
13	29°90	30°24	54°9	44°4	44°4	58°1	.366	.254	86	87	S	4	Calm	0	5	8	—
14	30°29	°35	54°9	44°9	40°4	59°1	.395	.272	71	92	NW	3	Calm	0	5	0	—
15	°32	°31	58°0	45°9	35°5	65°0	.357	.293	74	95	S	4	S	1	5	0	—
16	°26	°20	59°0	59°0	44°3	70°9	.396	.455	80	92	Calm	0	Calm	0	10	9	—
17	°14	°16	57°8	53°9	44°3	68°5	.442	.393	92	95	N	3	NW	1	10	6	—
18	°20	°23	59°8	49°8	49°1	68°0	.376	.327	73	91	NW	1	Calm	0	9	3	—
19	°19	°15	61°2	49°6	38°4	69°4	.397	.234	74	80	Calm	0	Calm	0	0	0	—
20	°12	°18	56°2	46°0	38°4	68°0	.372	.280	82	91	Calm	0	Calm	0	0	0	—
21	30°03	30°04	63°0	51°8	37°4	72°4	.384	.354	67	91	Calm	0	Calm	0	3	0	—
22	29°95	29°92	63°5	54°4	40°2	69°4	.487	.375	83	89	Calm	0	Calm	0	0	10	—
23	29°93	29°97	57°0	55°9	49°6	60°1	.394	.409	85	92	Calm	0	Calm	0	10	10	—
24	30°00	30°04	57°9	55°9	54°0	66°0	.425	.409	89	92	Calm	0	Calm	0	10	10	—
25	°07	°10	60°1	55°9	51°0	66°0	.434	.395	84	89	Calm	0	Calm	0	10	10	—
26	°12	°11	55°9	55°9	45°3	63°1	.320	.409	72	92	S	3	SE	3	10	10	—
27	°06	°03	55°0	55°9	37°0	63°1	.381	.409	88	92	SE	4	S	4	6	10	—
28	°04	°12	54°4	39°6	39°6	56°1	.372	.211	88	87	S	4	Calm	0	10	4	—
29	°13	°11	50°6	43°0	32°5	56°1	.265	.249	72	90	E	1	Calm	0	10	9	—
30	°14	°11	47°1	47°9	33°0	55°9	.270	.303	84	92	Calm	0	Calm	0	10	10	—
31	30°07	30°14	54°4	44°4	44°4	63°1	.305	.254	72	87	Calm	0	Calm	0	5	0	—
Means	30°005	30°018	56°9	51°4	44°3	63°7	.376	.316	80°9	90°0	1°8	1°1	7°4	7°0	2°730		

-035 -031
29.970 29.985

AUGUST 1885.

SCALEBY (NEAR CARLISLE).

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

AUGUST 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	55.5	44.9	72.7	ins.	ins.	77	88	NE	1	E	1	8	10	ins.
2	30.19	30.18	57.5	55.5	44.9	72.7	.362	.385	77	88	E	1	E	1	10	10	—
3	30.16	30.12	57.0	56.5	51.9	61.7	.355	.401	76	88	E	1	E	1	10	10	—
4	30.04	29.99	54.0	50.5	49.9	64.7	.377	.344	90	94	Calm	0	E	3	10	10	.510
5	29.96	30.06	52.5	51.5	47.9	58.2	.357	.331	91	87	E	2	E	3	10	9	—
6	30.04	30.01	56.0	52.5	50.9	64.7	.365	.370	82	94	NE	4	NE	1	10	10	.870
7	29.95	29.90	56.0	53.5	50.1	71.5	.407	.393	91	97	Calm	0	SE	2	10	8	.420
8	29.79	29.72	57.3	56.3	53.1	65.7	.404	.397	85	87	N	2	SW	3	10	10	.320
9	29.77	29.86	53.0	54.5	51.9	59.7	.385	.370	96	88	SW	4	Calm	0	10	10	.060
10	29.69	29.47	54.5	50.5	51.9	63.7	.422	.406	99	78	S	3	S	5	10	10	.230
11	29.36	29.24	59.5	56.5	54.9	65.7	.391	.401	77	83	SW	6	SW	7	10	10	.140
12	29.45	29.66	59.5	52.5	51.9	61.7	.418	.319	83	81	SW	3	SW	1	9	10	.130
13	29.55	29.36	54.5	49.5	47.4	63.2	.345	.305	82	87	SE	3	SW	3	10	10	.340
14	29.82	30.15	54.5	45.5	44.9	58.7	.298	.240	70	80	SW	2	Calm	0	7	0	—
15	30.25	30.27	53.5	49.5	35.4	59.7	.308	.330	75	94	W	2	Calm	0	1	1	.020
16	30.26	30.26	56.5	54.5	36.9	65.7	.324	.345	71	82	Calm	0	Calm	0	0	10	—
17	30.20	30.13	61.5	56.5	47.9	69.7	.343	.374	63	82	SW	3	W	2	1	2	—
18	30.06	30.07	59.5	55.5	54.9	67.7	.418	.334	83	76	W	1	W	2	10	2	—
19	30.16	30.19	55.5	48.5	45.9	62.7	.335	.306	76	91	Calm	0	E	3	10	0	—
20	30.06	30.09	54.5	51.5	40.9	69.7	.309	.334	73	88	E	2	E	3	0	0	—
21	30.06	30.10	56.5	50.5	50.1	63.2	.329	.313	72	86	NE	5	NE	2	8	3	—
22	29.95	29.98	57.5	54.5	46.1	62.5	.382	.358	81	85	NE	2	NE	5	3	3	—
23	29.89	29.86	58.5	52.5	46.9	66.7	.375	.344	77	87	N	1	N	1	6	1	—
24	29.88	29.89	57.0	56.5	49.9	62.7	.394	.374	85	82	NE	1	Calm	0	10	10	—
25	29.99	30.01	60.5	54.5	53.9	66.7	.419	.399	81	94	Calm	0	Calm	0	10	0	—
26	30.03	30.08	59.5	53.0	52.4	63.2	.431	.338	86	84	N	1	E	4	10	10	—
27	30.12	30.11	54.5	48.7	48.7	59.2	.309	.270	73	79	E	5	E	3	9	10	—
28	30.05	30.02	54.5	49.5	40.3	58.7	.298	.252	70	72	E	4	NE	5	5	10	—
29	30.02	30.05	53.5	49.5	44.9	58.7	.297	.261	73	75	NE	5	E	1	7	10	—
30	30.07	30.06	51.5	47.5	46.4	54.7	.253	.253	67	87	N	2	Calm	0	10	10	—
31	30.15	30.16	51.5	49.5	32.7	61.7	.284	.272	75	78	Calm	0	Calm	0	4	10	—
32	30.03	30.10	51.5	46.5	44.9	61.7	.295	.272	78	87	E	1	NE	2	10	1	—
Means	29.971	29.970	55.9	52.4	47.4	63.4	.354	.336	79.3	85.4	2.1		2.0	7.7	6.8	3.040	

CRONKBOURNE (DOUGLAS), ISLE OF MAN.

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

AUGUST 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	63°8	56°3	47°4	69°2	in.	in.	%	%	E 2	NW 3	3	0	ins.	☼ ⁰ (mist) a. Very fine day.
2	°15	°12	60°4	56°0	51°7	60°4	°466	°405	85	91	ENE 3	NW 3	8	10	—	Dull day.
3	30°08	30°00	59°0	50°7	50°7	62°0	°399	°347	80	94	NW 4-5	NW 3	7	3	°010	☼ a. Very fine day, with fresh showers. [breeze. D p.
4	29°06	29°99	55°2	55°7	45°8	59°1	°368	°366	85	82	E 4-5	NE 4	8	9	°252	☼ showers. [breeze. D p.
5	30°02	°08	56°6	56°0	52°7	61°9	°405	°422	88	94	NE 4	NNE 3-4	9	10	°113	☼ ⁰ (mist) p.
6	29°05	°89	60°3	52°0	52°0	64°0	°475	°353	91	91	ESE 3	NW 1	6	4	—	D p.
7	°77	°78	59°2	54°0	44°2	63°9	°439	°388	88	93	Calm 0	NNW 4	9	6	—	☼ ⁰ (mist) a. Day cloudy.
8	°82	°86	53°9	55°6	52°2	62°4	°367	°422	88	95	WNW 4	SSE 2	9	10	°673	☼ ² p.
9	°64	°43	58°1	58°2	53°5	61°0	°481	°481	99	100	SSW 4-5	S 6-7	10	10	°089	☼ ² a. Squally p.
10	°30	°27	60°0	56°0	54°7	60°5	°450	°419	87	93	S 7-8	SW 6	10	10	°336	Squally a. and p. ☼ ⁰ (mist) p.
11	°50	°68	54°8	52°8	52°8	60°2	°412	°377	95	94	WNW 5	WSW 2	10	4	°158	Squally ☼ ⁰ (mist) a. Day cloudy.
12	°47	29°48	56°0	50°0	45°2	58°1	°416	°332	92	92	S 4-5	NW 6	10	4	°268	Squally ☼ ⁰ (force 8) with ☼ ² showers [a. ☼ ⁰ (mist) p. Squally ☼ ² p.
13	29°04	30°20	53°0	44°3	44°3	56°1	°327	°257	81	88	NW 5-6	WNW 2	7	2	—	Squally ☼ ⁰ (force 8) a. Fine day.
14	30°27	°31	54°9	44°0	34°0	60°4	°340	°283	80	98	WNW 3	N 2	1	3	—	Very fine day. D p. [D ² p.
15	°30	°26	59°2	52°3	36°7	60°9	°400	°365	80	87	ESE 2	Calm 0	3	8	—	D a. Very fine day.
16	°22	°17	62°0	52°0	45°0	67°9	°447	°372	81	96	SW 3	N 1	3	4	—	Very fine day. D p.
17	°13	°13	60°5	56°8	51°5	63°9	°478	°431	91	93	NNW 3	NNW 2	10	10	—	Very fine day. D ² p.
18	°14	°17	62°3	50°2	50°2	65°8	°449	°356	81	98	NNE 3	N 1	7	3	—	Very fine day. D ² p.
19	°15	°09	60°7	54°6	40°0	66°4	°453	°380	86	89	E 1	NW 2	3	5	—	Very fine day. D ² p.
20	30°04	30°16	56°1	56°4	50°1	63°2	°385	°410	85	90	ENE 5-6	NE 4	9	0	—	Fine day, with fresh breeze.
21	29°05	29°06	62°5	59°5	48°4	64°9	°418	°416	75	82	N 4-5	NE 3	7	7	—	Fine day.
22	°89	°86	65°0	54°2	50°4	69°4	°494	°412	81	98	NW 3	N 1	3	1	—	Fine day. D ² p. [D ² p.
23	°88	29°02	58°3	49°7	49°7	60°8	°456	°346	94	97	ESE 4	N 1	10	0	—	Dull, with ☼ ⁰ (mist) a. Very fine p.
24	29°08	30°02	59°0	48°5	44°4	60°7	°467	°304	94	90	SSW 1	NNW 1	10	0	—	D a. ☼ ⁰ (mist) a. and p. Dull [day. D ² p.
25	30°03	°00	61°8	58°2	43°7	65°6	°459	°457	83	94	Calm 0	E 4	7	0	—	D ☼ ⁰ (mist) a. Fine day.
26	30°07	30°04	56°0	55°3	55°3	58°3	°411	°372	91	85	E 4	E 4	10	10	—	Overcast day.
27	29°09	29°05	52°9	52°3	51°2	55°5	°333	°379	83	97	E 4	E 5	10	10	°257	☼ from 3p. ☼
28	29°06	30°02	52°8	52°8	48°5	55°5	°358	°323	89	80	E 5	ESE 5	10	10	—	Squally a. and p. Overcast day.
29	30°06	°03	52°8	50°7	49°1	50°6	°320	°326	80	88	ENE 3	NNW 1	10	9	—	Dull day.
30	°07	°04	54°4	49°4	44°9	57°1	°314	°335	74	95	E 4	Calm 0	7	10	—	Dull day.
31	30°01	30°08	55°0	54°5	48°5	57°4	°375	°379	87	89	ESE 3	E 1	10	9	—	☼ ⁰ (mist) a. Dull day.
Means	29°065	29°068	58°0	53°3	48°0	61°6	°415	°375	85°9	91°7	3°5	2°7	7°4	5°7	2°156	

STONYHURST.

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

AUGUST 1885.

1	30° 22	30° 18	59° 0	55° 7	71° 8	357	349	72	79	Calm	o	NE	1	10	0	—	
2	" 16	" 15	58° 0	56° 1	52° 6	358	344	72	81	NE	1	Calm	0	10	10	—	Overcast and gloomy.
3	" 07	" 00	56° 0	50° 2	50° 1	360	290	82	81	SSW	1	Calm	0	10	0	—	
4	" 00	" 01	54° 8	52° 0	45° 6	342	307	80	79	E	1	NE	1	10	10	—	
5	30° 03	30° 01	56° 2	54° 6	49° 3	361	370	80	87	NE	1	WSW	1	10	10	° 050	
6	29° 08	29° 50	61° 5	54° 4	51° 2	378	353	70	83	Calm	o	NNE	1	0	10	° 190	[noon] $\mathbb{K} \odot^2$ at intervals during the after-
7	" 79	" 74	57° 4	57° 9	52° 0	351	416	74	87	Calm	o	W	2	10	10	° 020	Overcast and gloomy.
8	" 83	" 92	53° 6	53° 1	52° 5	331	360	80	89	W	2	Calm	o	10	9	° 090	
9	" 80	" 60	55° 8	61° 6	51° 8	366	366	82	73	S	2	S	5	10	10	° 059	
10	" 46	" 40	61° 4	57° 1	56° 4	385	373	71	80	SSW	5	SSW	4	9	10	° 351	Squally p.
11	" 53	" 75	55° 0	54° 0	52° 8	360	361	92	86	SW	3	SW	1	10	10	° 109	
12	" 60	" 51	55° 0	48° 4	45° 1	360	290	83	86	S	4	SW	2	10	10	1° 230	$\mathbb{K} \odot^2$ (remarkably heavy) 11.40a.—
13	29° 01	30° 23	53° 0	47° 3	46° 8	355	250	64	77	WNW	4	Calm	o	9	10	—	[c. 2p.] $\mathbb{K} \odot^2$ at intervals during
14	30° 30	" 33	55° 1	48° 8	42° 2	359	275	60	79	W	1	Calm	o	8	0	—	[the afternoon and evening.
15	" 34	" 30	55° 6	52° 2	38° 8	296	285	67	73	Calm	o	Calm	o	0	2	—	Fine all day.
16	" 26	" 20	61° 0	53° 8	51° 3	339	327	63	78	Calm	o	WSW	1	0	0	—	Fine all day.
17	" 13	" 11	68° 0	56° 7	50° 4	393	416	81	90	WSW	1	S	1	10	10	—	
18	" 15	" 19	56° 1	51° 2	47° 3	346	393	77	81	Calm	o	N	1	10	0	—	☼ early a.
19	" 16	" 09	55° 0	53° 9	41° 7	279	328	65	79	NE	1	NE	1	2	1	—	
20	30° 03	30° 07	55° 1	54° 8	49° 8	343	323	74	75	NNE	1	N	1	10	10	1° 113	
21	29° 02	29° 05	55° 0	55° 3	49° 8	346	345	80	79	N	2	NNE	1	10	10	—	
22	" 50	" 88	59° 0	56° 1	52° 2	379	352	76	78	Calm	o	Calm	o	6	9	—	
23	29° 02	29° 07	57° 1	55° 0	48° 0	331	352	71	82	E	6	Calm	o	10	10	—	
24	30° 02	30° 04	58° 7	54° 9	50° 4	358	381	73	89	Calm	o	Calm	o	10	5	—	
25	" 06	" 09	57° 0	54° 7	51° 2	419	345	87	81	Calm	o	NE	1	7	10	—	☼ early a.
26	" 10	" 09	55° 0	50° 9	49° 5	316	260	73	70	NE	2	ENE	2	10	10	—	
27	30° 03	" 00	55° 0	49° 1	44° 8	233	301	54	86	ENE	2	NE	2	9	10	2° 06	
28	29° 09	" 03	52° 2	47° 0	42° 0	363	287	80	90	NE	2	NE	1	10	8	—	
29	30° 05	" 06	52° 1	47° 5	45° 0	253	261	66	80	NE	1	Calm	o	10	10	—	Overcast and gloomy.
30	" 10	" 10	53° 3	50° 8	40° 5	276	277	57	75	Calm	o	Calm	o	6	10	—	
31	30° 05	30° 10	52° 0	51° 0	46° 8	232	278	79	75	Calm	o	Calm	o	10	10	—	Overcast and gloomy.
Means	29° 996	29° 999	56° 1	53° 1	48° 3	333	328	73° 7	80° 9	1° 4		1° 0	8° 3	7° 5	2° 591		

WAKEFIELD.

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

AUGUST 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	55°7	54°0	60°4	in.	in.	%	%	N	3	N	2	10	10	—	Fine day.
2	"13	"30°13	57°0	54°8	53°5	61°6	"388	"367	83	85	N	2	NW	2	10	10	—	Cloudy all day.
3	"30°07	29°09	58°5	54°6	52°2	64°4	"325	"308	67	73	S	1	SW	1	8	6	—	Dull from noon.
4	29°09	29°09	54°4	53°8	43°3	59°5	"352	"358	83	86	E	1	SW	2	10	10	—	Overcast all day.
5	30°02	"30°00	57°7	55°1	46°1	63°0	"360	"419	76	95	E	1	E	1	7	10	"020	Overcast from 9a.
6	29°06	29°59	58°7	57°7	46°6	63°9	"404	"413	83	87	S	1	SW	1	5	6	"260	☁ 9a. Fine from 9a. < 9p. K 2° till 1°20a. Distant T 2.35p. Rough and wild n. Fine and bright 1/2. 2.30p.
7	"76	"69	59°3	57°7	53°2	65°6	"413	"413	82	87	SW	1	W	5	7	9	"050	☁ 9a. Fine from 9a. < 9p. K 2° till 1°20a. Distant T 2.35p. Rough and wild n. Fine and bright 1/2. 2.30p.
8	"78	"92	54°7	51°0	51°0	65°6	"343	"336	81	90	SW	8	SW	3	10	0	"080	☁ 9a. Fine from 9a. < 9p. K 2° till 1°20a. Distant T 2.35p. Rough and wild n. Fine and bright 1/2. 2.30p.
9	"81	"63	57°3	61°6	47°9	64°6	"419	"419	80	77	S	4	S	6	10	8	"210	☁ 9a. Fine from 9a. < 9p. K 2° till 1°20a. Distant T 2.35p. Rough and wild n. Fine and bright 1/2. 2.30p.
10	"47	"42	64°6	59°9	50°2	70°6	"374	"364	61	71	S	6	NE	7	3	5	—	Fine day.
11	"54	"72	57°0	54°9	54°4	60°0	"377	"385	81	90	SW	7	SW	2	10	10	"020	☁ 9a. Fine from 9a. < 9p. K 2° till 1°20a. Distant T 2.35p. Rough and wild n. Fine and bright 1/2. 2.30p.
12	"64	29°54	56°0	50°1	50°1	63°4	"378	"325	85	89	SW	5	N	4	10	6	"170	☁ 9a. Fine from 9a. < 9p. K 2° till 1°20a. Distant T 2.35p. Rough and wild n. Fine and bright 1/2. 2.30p.
13	29°85	30°20	54°8	48°6	48°5	59°6	"290	"273	68	80	NW	8	NW	3	5	1	—	Rough and wild n. Fine all day.
14	30°29	"32	55°7	45°4	38°0	62°2	"285	"277	65	92	W	3	W	2	6	0	—	Fine all day.
15	"32	"32	56°9	50°8	35°4	69°8	"307	"333	65	91	S	2	Calm	0	1	0	—	Fine all day.
16	"26	"20	65°8	54°9	44°1	72°2	"323	"369	51	86	SW	1	SE	2	0	3	—	Fine all day.
17	"09	"07	62°2	56°1	53°6	65°6	"437	"406	79	92	W	1	W	2	9	8	—	Dull and gloomy.
18	"13	"17	54°6	48°8	47°3	61°6	"344	"309	81	90	NE	1	NW	2	10	0	—	Cloudy day.
19	30°14	"06	50°4	53°8	44°9	58°0	"324	"375	89	92	W	2	N	1	10	10	—	Cloudy day.
20	29°08	30°02	54°8	54°8	51°1	62°0	"395	"390	92	92	NE	1	Calm	0	9	10	"080	Fine till 4p., then ☁ showers.
21	"85	29°89	54°8	54°9	50°1	65°4	"403	"425	93	99	NE	4	Calm	0	10	10	"100	Dull, with ☁ showers.
22	"86	"87	52°3	53°2	52°0	61°8	"397	"382	94	95	E	1	NE	3	10	—	—	Fine from 11a.
23	29°09	29°06	50°4	54°8	51°1	57°6	"401	"382	95	89	N	1	Calm	0	10	—	—	Overcast most of day.
24	30°00	30°01	58°2	52°3	47°1	67°2	"378	"386	78	97	Calm	0	Calm	0	9	9	—	Fine day.
25	"04	"05	57°8	54°8	48°6	69°4	"436	"422	92	95	E	1	NE	2	8	9	—	Fine day.
26	"10	"10	52°8	50°8	50°3	58°5	"365	"315	91	85	NE	1	E	1	8	9	—	Cloudy day.
27	"04	"01	53°6	50°8	40°0	57°6	"394	"356	73	95	E	3	E	2	6	10	"070	Fine a. ☁ from 3.30p.
28	"02	"02	53°8	50°8	48°7	61°4	"345	"303	83	82	NE	4	NE	2	10	10	—	Sunny 1.30p.—4p.
29	"02	"04	52°7	49°4	48°7	57°0	"290	"280	73	82	N	1	N	1	10	10	—	Gloomy all day.
30	"07	"09	54°4	50°8	45°4	59°4	"266	"292	63	79	N	1	SE	1	3	10	—	Cloudy after 2p.
31	30°06	30°09	54°6	51°8	48°1	57°7	"321	"303	75	79	SE	2	SE	2	8	10	—	Gloomy all day.
Means	29°980	29°986	50°3	53°4	48°4	65°2	"357	"357	79°0	87°3	2°5		2°0	7°8	7°4	1°070		

LLANDUDNO.

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

AUGUST 1885.

1	30°20	30°15	62°3	58°0	52°2	64°2	394	409	71	85	ENE	2	NE	1	1	0	—	Very fine day.
2	"16	"15	59°0	58°0	52°0	63°0	393	393	73	81	E	2	E	1	8	10	—	Very fine day.
3	30°12	30°00	56°0	54°1	53°5	62°0	367	328	82	78	N	2	N	1	10	5	—	Very fine day.
4	29°06	29°08	57°1	53°6	51°8	60°9	327	301	70	83	E	2	NE	2	10	10	—	Windy and dazap evening.
5	30°01	"08	56°7	53°9	52°8	61°3	360	383	78	91	E	2	S	1	10	10	—	176
6	29°06	"87	59°3	60°0	46°5	64°0	381	446	76	87	SE	2	E	1	2	10	—	069
7	"79	"80	56°5	57°8	53°0	61°0	412	424	90	83	NW	1	NW	1	10	10	—	134
8	"86	"80	57°5	56°0	52°8	62°1	365	367	77	82	W	4	W	1	9	0	—	084
9	"71	"50	63°1	61°0	53°5	68°2	441	346	77	65	S	5	SW	6	10	10	—	044
10	"38	"37	61°0	58°0	55°5	67°9	385	393	73	81	SW	5	SW	9	8	8	—	100
11	"59	"72	54°8	55°7	53°0	63°1	391	366	91	83	WSW	4	WSW	3	10	8	—	023
12	29°56	29°01	58°1	53°0	51°5	60°2	385	299	80	74	SW	3	SW	4	9	10	—	107
13	30°01	30°24	53°7	53°2	51°9	58°5	279	297	68	73	WNW	5	NW	1	9	6	—	T 2p.
14	"33	"34	56°3	48°6	47°2	60°4	289	276	64	80	W	1	N	1	4	0	—	Fine and bracing.
15	"33	"20	62°0	56°7	44°0	64°0	334	331	60	72	SW	1	SE	1	0	7	—	Very fine day.
16	"27	"22	63°9	59°2	50°0	69°0	352	352	59	70	SE	1	SE	1	1	0	—	Very fine day.
17	"17	"15	62°0	60°4	57°5	65°5	434	456	79	88	SW	1	SW	1	9	10	—	Very fine day.
18	"17	"17	57°5	54°2	53°5	62°0	401	369	85	88	NW	1	W	1	10	0	—	Very fine day.
19	"17	"07	64°0	57°0	49°5	64°1	393	434	65	93	NW	1	NW	1	0	0	—	Very fine day.
20	30°04	30°05	56°0	58°1	49°5	61°9	338	340	75	71	NE	4	NE	7	10	0	—	Very fine day.
21	29°06	29°03	57°0	58°0	54°0	62°7	337	394	76	76	N	5	N	3	10	0	—	Fine, though rather windy.
22	"92	"86	61°9	60°0	55°2	65°0	427	406	78	84	W	2	W	1	4	0	—	Very fine day.
23	29°88	29°94	59°8	58°0	49°2	63°2	409	421	79	87	N	1	W	1	7	0	—	Very fine day.
24	30°00	30°07	58°7	58°0	53°2	61°0	412	424	84	88	SW	1	SW	1	10	10	—	Very fine day.
25	"05	"01	58°3	56°7	54°2	61°8	416	410	86	89	NE	1	NE	1	9	0	—	Very fine day.
26	30°04	30°00	57°1	55°8	54°8	63°0	385	328	83	74	E	2	E	5	10	0	—	Very fine day.
27	29°08	29°08	51°5	51°8	48°0	56°8	288	305	76	79	E	4	E	3	10	10	—	Dull and windy.
28	29°05	29°08	55°0	54°0	50°6	58°0	339	280	79	69	E	3	E	5	10	10	—	135

BUXTON.

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

AUGUST 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	55.8	55.0	51.7	65.1	ins.	ins.	78	82	Calm	NE 1	6	6	ins.	
2	13	14	53.5	52.5	50.8	60.7	358	357	88	91	Calm	NE 1	10	10	—	Overcast day.
3	30.03	01	53.4	48.3	47.5	54.3	345	302	85	90	Calm	NE 1	10	6	—	Overcast day.
4	29.98	00	48.8	49.8	38.5	55.5	316	323	91	91	NW 1	W 1	10	9	0.050	Overcast day.
5	098	30.00	54.1	50.1	47.8	62.2	344	343	82	95	E 1	Calm	8	10	1.100	
6	097	29.89	55.8	55.7	45.0	66.4	365	364	82	82	Calm	NE 1	5	9	1.140	9 p.
7	077	074	55.0	54.2	50.3	63.8	364	403	84	96	N 1	Calm	8	9	1.350	K
8	081	094	50.5	46.5	45.2	58.5	324	299	89	96	Calm	W 1	9	5	1.110	
9	085	065	53.1	58.7	45.2	63.2	386	400	96	82	Calm.	S 2	10	6	2.295	
10	049	047	61.0	55.2	54.8	64.0	369	356	70	82	SW 1	SW 3	3	8	0.010	
11	057	077	51.7	50.9	50.5	56.4	349	327	91	88	SW 2	SW 1	10	3	1.150	
12	068	29.56	50.8	45.1	44.7	59.4	348	290	93	97	S 6	Calm	10	4	0.890	all day.
13	29.91	30.24	46.0	45.1	44.7	54.8	287	257	93	85	Calm	NE 1	9	4	1.145	
14	30.29	35	52.0	40.7	37.2	59.5	281	247	97	97	Calm	N 1	7	3	—	
15	32	30	57.1	48.0	38.5	62.0	284	295	61	89	Calm	NE 1	4	4	—	
16	25	19	56.8	52.0	44.4	69.3	391	306	84	79	Calm	N 1	1	1	—	
17	10	10	61.7	56.0	49.9	63.4	446	407	82	91	NW 1	NW 2	3	9	—	
18	12	19	57.6	43.4	42.9	60.5	403	261	84	93	NE 1	Calm	4	3	—	
19	30.16	09	41.9	47.7	35.4	61.8	234	306	89	93	Calm	NE 1	10	2	—	
20	29.99	30.02	50.4	51.5	46.3	61.1	323	327	89	86	Calm	NE 1	10	6	0.050	
21	088	29.92	49.0	52.9	46.7	61.9	319	327	92	82	NW 1	N 1	9	9	0.030	
22	087	088	52.6	53.4	50.8	64.3	348	379	88	93	Calm	NE 1	7	5	0.016	
23	091	29.98	51.0	43.4	42.9	56.0	323	266	86	95	Calm	NE 1	9	2	—	
24	29.98	30.04	61.8	49.9	39.7	65.1	361	335	66	94	Calm	NE 1	6	2	—	
25	30.03	06	59.0	54.0	41.7	70.5	419	403	84	97	Calm	NE 1	6	8	—	
26	09	30.09	50.8	45.1	44.9	56.4	312	265	84	88	E 1	E 2	10	5	0.010	
27	30.02	29.98	46.4	48.9	42.1	50.2	269	321	86	93	E 1	E 1	10	10	1.120	
28	29.96	29.99	49.5	46.1	45.9	55.2	301	256	86	83	E 2	E 2	8	7	—	
29	30.00	30.04	49.5	45.1	44.5	53.6	260	231	74	78	NE 1	NE 1	8	7	—	
30	09	11	47.7	46.7	40.8	54.3	237	280	72	89	Calm	NE 1	7	10	—	Overcast all day.
31	30.06	30.10	48.8	47.5	44.7	51.2	304	265	88	82	Calm	NE 1	8	8	—	
Means	29.983	30.000	52.7	49.7	45.0	60.0	333	318	83.5	89.0	0.6	0.7	7.6	6.1	2.166	

HILLINGTON, NORFOLK.

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

AUGUST 1885.

1	30.16	30.12	57.3	56.0	54.1	62.6	373	352	80	79	NE	3	NNE	2	10	10	—	Overcast all day.
2	08	10	58.6	55.1	54.0	60.3	374	381	76	88	NE	3	NNE	1	10	10	0.020	Overcast all day.
3	30.07	30.00	56.5	53.5	51.1	65.4	366	327	80	82	N	1	E	1	10	10	—	Fine from 2p.
4	29.96	29.96	58.7	54.5	51.8	64.7	307	373	62	88	E	2	E	2	10	10	—	Overcast all day.
5	094	09	64.9	55.7	51.2	65.4	436	384	71	87	E	2	NE	1	7	10	—	Overcast all day.
6	097	087	63.1	58.4	45.3	69.5	427	436	75	89	SE	0.5	E	1	10	10	—	< 8p. T 10p.
7	077	073	61.5	52.9	52.0	64.4	419	375	73	94	SW	2	NW	1	6	10	0.580	(mist) a. 0.100. Distant T 11 a. [K 2.30p. 2.50p. 2.50p. fell at Fakenham so abundantly that boys pelted one another with it. Much left in ridges 2 hours after fall.
8	077	095	57.9	52.7	52.1	66.6	360	346	75	87	W	4	SW	1	8	2	—	(gale) 11a. Many trees blown down and much damage done, though wind was not excessively strong.
9	091	096	62.2	61.7	45.9	69.0	388	373	70	69	SW	3	SW	2	7	5	0.008	
10	065	056	64.8	60.5	57.5	76.6	494	516	82	98	SW	4	SW	2	0	6	—	
11	066	079	60.9	57.8	53.9	68.2	409	358	77	75	SW	5	SW	1	6	10	—	
12	077	29.62	62.0	53.6	47.6	69.6	396	356	72	86	SW	5	SW	5	6	1	1.480	3.30p. 6p. < p. a. Cool evening. D 2 p.
13	29.85	30.20	56.5	45.0	45.0	63.0	325	252	72	84	NW	8	NW	1	6	0	—	
14	30.30	30	56.4	46.4	37.1	64.5	286	296	63	94	NW	4	NW	0.5	0	0	—	Very fine and sunny. D 2 p.
15	33	29	61.9	53.0	37.3	71.7	299	313	58	78	NE	0.5	ESE	1	1	0	—	Very fine and sunny.
16	24	15	63.6	53.2	50.0	74.6	357	366	61	91	SW	1	NW	0.5	9	0	—	D 9p.
17	09	06	61.4	55.9	44.3	71.5	391	404	73	91	NW	4	NW	1	10	8	—	
18	15	14	58.6	52.1	48.6	62.6	328	302	67	78	NE	3	NE	3	7	7	0.017	Fine and sunny.
19	30.08	30.02	54.9	51.9	49.5	60.6	399	357	93	93	NW	1	N	2	9	10	1.336	0 early a.
20	29.90	29.86	56.8	55.6	51.8	61.6	385	388	83	88	N	3	N	3	7	6	0.038	0 early a., and at night.
21	083	087	58.2	54.9	52.0	64.8	379	401	78	93	NW	1	NW	1	8	8	1.195	0 a.
22	079	082	58.4	54.2	51.3	64.4	407	382	83	91	SW	1	NE	0.5	7	10	0.001	
23	29.86	29.96	55.3	54.2	51.9	60.2	382	361	88	86	NNE	1	N	0.5	10	10	0.001	D 9p.
24	30.00	30.03	58.9	53.1	52.7	69.5	348	362	71	89	N	1	N	0.5	10	0	0.003	D 9p.
25	05	04	60.7	55.9	44.9	74.5	453	382	86	86	SE	1	SE	1	10	0	0.002	D 9p.
26	07	30.06	59.6	46.0	46.0	63.2	379	304	75	98	E	3	NW	0.5	10	0	—	D 2 p.
27	30.01	29.97	54.9	54.9	41.5	57.2	305	371	71	87	NE	4	E	3	10	10	1.150	0 11.30a.—5p.
28	29.93	29.93	56.6	51.0	50.6	60.6	290	269	64	72	NE	3	NE	3	7	3	—	
29	30.02	30.10	54.6	46.4	46.4	60.3	267	279	63	89	NE	5	NE	0.5	10	10	—	
30	30.08	30.09	55.5	49.4	44.3	64.4	290	306	67	88	E	1	E	0.5	9	10	—	
Means	29.974	29.975	59.0	53.5	48.8	65.5	366	353	73.5	86.0	2.7	1.5	7.6	6.3	1.831			

UPPINGHAM.

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

AUGUST 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	58° 0	56° 3	53° 6	67° 1	ins.	ins.	79	79	NE 1	NE 1	10	10	ins.	Overcast most of day.	
1	30° 10	30° 14	58° 0	56° 3	53° 6	67° 1	380	391	79	79	NE 1	NE 1	10	10	—	Dull all day.	
2	" 12	" 12	57° 0	54° 7	53° 0	65° 1	374	377	80	88	NE 2	NNE 1	10	10	—	Dark and threatening p.	
3	30° 08	30° 00	59° 3	55° 7	47° 7	67° 8	374	393	74	88	NE 3	N 1	3	10	—	Overcast a. Sunny till 5 p., then overcast	
4	29° 95	29° 97	59° 4	55° 0	50° 9	65° 8	417	386	83	89	ESE 2	E 2	10	10	0.013	[cast	
5	29° 96	* 99	58° 1	52° 9	52° 4	70° 5	429	396	88	99	E by N 2	Calm	10	7	* 382	☉ 2.4.30 p.	
6	30° 00	* 92	55° 7	52° 0	50° 6	69° 4	338	380	76	98	SE 1	Calm	6	10	* 380	☉ a. T p. K ☉ 2.8 p. 8 p. 9.30 p.	
7	29° 74	* 71	56° 4	52° 1	47° 5	64° 4	434	390	96	100	SE by S 1	NW 1	6	10	* 855	☉ a. K 11 a. 4.30 p., with ☉ 2 showers	
8	* 82	* 94	58° 5	54° 0	51° 5	65° 2	360	360	73	86	nwb.w3	Calm	5	2	—	Cloudy all day.	
9	* 90	* 73	56° 5	60° 1	51° 1	64° 9	409	414	89	80	sw b.s 5	SSW 4	10	8	* 070	Squally and overcast all day. ☉ 9 a. 1 p.	
10	* 57	* 54	63° 0	55° 6	55° 6	70° 6	487	423	95	95	SSW 4	SSW 4	6	1	—	Squally a.	
11	* 63	* 76	57° 7	54° 8	53° 5	64° 5	353	332	74	77	S 4	SE 1	9	4	—		
12	* 75	29° 62	58° 3	52° 1	47° 6	63° 0	405	334	95	85	SSW 4	SSW 4	6	8	* 149	Sudden squall, with ☉ 11.35 a. Squally	
13	29° 89	30° 22	51° 3	46° 1	46° 1	60° 7	318	273	83	88	WNW 4	WNW 1	8	0	—	[a p	
14	30° 31	* 30	55° 1	51° 3	41° 3	66° 5	294	321	68	79	W by S 1	WSW 1	7	4	—	Bright day. ☉ (mist) p.	
15	* 32	* 27	58° 1	56° 3	42° 9	72° 2	345	355	71	71	SSE 1	Calm	0	1	—	Bright cloudless day. ☉ 0 p.	
16	* 24	* 18	64° 6	57° 9	49° 4	74° 1	430	361	72	75	SSW 1	Calm	0	7	—	☉ 0 a. and p. Day very hot, and rather muggy	
17	* 11	* 07	63° 2	57° 1	51° 4	71° 3	438	427	76	91	WNW 2	W by N 3	5	0	—	Sunny till 3 p., then cloudy.	
18	* 12	* 16	56° 5	46° 4	46° 4	60° 4	353	299	77	95	NNE 1	Calm	0	10	—	Heavy clouds till 3 p., then mackerel	
19	30° 13	30° 05	52° 4	52° 2	44° 7	57° 2	329	328	83	84	N 2	Neb.E 4	10	10	—	Dull and overcast till 4 p. Mackerel	
20	29° 94	29° 96	50° 8	51° 8	48° 3	63° 9	359	372	97	96	N by E 3	N by E 5	10	6	* 134	Overcast till 10 a. ☉ 2 showers p.	
21	* 89	* 89	49° 1	53° 4	47° 8	65° 5	342	394	98	96	NW 3	N by E 1	10	10	* 693	☉ 2 till noon. Bright p. ☉ 2 10 p.	
22	* 82	* 85	51° 8	51° 5	50° 7	58° 6	372	399	96	97	NNE 2	Calm	10	10	—	Dull and overcast till 4 p. Mackerel	
23	29° 86	29° 96	53° 9	52° 9	50° 1	59° 9	364	364	88	91	NNE 1	Calm	0	9	—	Overcast all day. [sky 7 p	
24	30° 00	30° 02	58° 7	54° 0	50° 4	71° 5	366	374	74	90	N by W 1	Calm	0	0	—	☉ 0 p. [☉ (mist) 9 p	
25	* 04	* 02	60° 3	55° 6	50° 3	72° 8	428	408	82	92	Calm	Calm	0	9	—	Overcast a. Cloudless from 1 p.	
26	* 06	30° 05	55° 3	47° 3	47° 3	61° 3	420	312	96	96	ENE 3	NE 2	10	1	—	Sunny late p. Mackerel sky 7 p. ☉ 9 p	
27	30° 00	29° 96	50° 4	50° 3	44° 0	51° 5	338	353	92	97	Neb.E 4	E by N 3	10	10	* 420	Overcast all day. ☉ till 4 p.	
28	29° 92	* 95	55° 5	50° 0	49° 6	61° 6	367	307	85	85	ENE 5	NNE 3	10	9	—	Dull till 2.30 p. Mackerel sky 7 p.	
29	29° 94	29° 96	53° 3	48° 5	48° 3	59° 5	314	299	77	88	Neb.N 6	N by N 5	10	5	—	Dull and overcast.	
30	30° 04	30° 18	50° 9	48° 3	44° 9	59° 1	279	309	76	92	Neb.N 4	Calm	0	10	* 048	Overcast all day.	
31	30° 07	30° 05	49° 9	44° 7	52° 4	53° 3	325	93	94	E by S 1	Calm	0	10	10	* 095	☉ 0 a. Overcast all day.	
Means	29° 980	29° 984	56° 2	52° 7	48° 8	64° 5	378	356	83° 4	89° 1		2° 5	1° 5	8° 0	6° 0	3° 239	

GELDESTON (BECCLES).

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

AUGUST 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	61.1	57.1	50.1	63.0	ins.	ins.	70	80	N 2	N 2	9	10	ins.	Overcast all day.
2	30.13	30.09	59.2	57.1	54.1	62.2	355	371	70	85	N 2	N 1	10	10	—	
3	30.05	30.00	58.8	53.1	52.9	59.7	355	344	72	84	NNW 1	N 1	10	8	—	D ² 6.10 p.
4	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	
5	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	D ² 6.10 p.
6	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	
7	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	D ² 6.10 p.
8	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	
9	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	D ² 6.10 p.
10	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	
11	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	D ² 6.10 p.
12	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	
13	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	D ² 6.10 p.
14	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	
15	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	D ² 6.10 p.
16	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	
17	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	D ² 6.10 p.
18	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	
19	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	D ² 6.10 p.
20	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	
21	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	D ² 6.10 p.
22	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	
23	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	D ² 6.10 p.
24	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	
25	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	D ² 6.10 p.
26	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	
27	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	D ² 6.10 p.
28	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	
29	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	D ² 6.10 p.
30	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	
31	29.96	29.95	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	D ² 6.10 p.
Means	29.971	29.974	58.6	57.7	46.8	60.8	377	392	77	82	E 1	NNE 1	10	9	0.010	

CHELTENHAM.

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

AUGUST 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	30.17	30.11	58.4	55.5	53.5	68.0	394	362	80	82	N 4	NE 1	10	1	—	Very fine and bright.
2	30.12	30.09	58.4	55.5	53.5	68.0	394	362	80	82	N 4	NE 1	10	1	—	
3	30.09	30.01	58.7	56.3	54.1	65.0	400	381	79	83	N 3	Calm	9	10	—	D ² early a. showers all day.
4	29.94	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	
5	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	Fine and pleasant.
6	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	
7	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	D ² 6.10 p. Fine till 6 p., then K.
8	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	
9	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	D ² 6.10 p. Fine and sunny.
10	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	
11	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	Fine day.
12	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	
13	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	Fine and windy.
14	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	
15	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	Fine day.
16	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	
17	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	Stormy, with showers. Squally p.
18	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	
19	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	Fine and pleasant.
20	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	
21	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	Fine and very pleasant.
22	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	
23	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	Fine and very pleasant.
24	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	
25	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	Beautiful day.
26	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	
27	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	Beautiful day.
28	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	
29	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	Fine day.
30	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	
31	29.95	29.91	58.2	55.4	50.8	61.6	379	439	98	100	Calm	Calm	10	10	0.370	Fine day.
Means	29.990	29.984	58.1	54.7	48.1	66.4	380	363	78.4	84.6	2.2	1.8	7.0	5.5	1.970	

CARMARTHEN.

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

AUGUST 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	56.4	50.4	71.0	ins.	ins.	70	80	E	2	N	1	6	3	ins.	Very fine.
2	30.17	30.14	59.0	56.4	50.4	71.0	397	410	72	82	E	3	Calm	0	4	0	—	
3	30.12	30.09	59.1	47.9	47.0	65.2	409	316	82	95	N	2	N	2	10	5	0.010	Fine day.
4	29.92	29.92	57.7	48.8	46.8	64.4	328	319	69	93	S	1	Calm	0	5	0	0.110	
5	29.94	29.96	56.9	51.8	41.4	66.2	385	356	73	92	SW	1	Calm	0	3	0	0.020	K sa.—ga.
6	29.91	29.85	55.9	51.8	40.0	67.9	373	349	58	83	SE	2	NE	1	6	6	0.310	
7	29.80	29.86	52.7	57.1	50.2	64.8	388	391	82	84	W	1	W	2	8	5	—	Dull day.
8	29.93	29.93	60.5	56.2	49.7	64.7	388	388	74	87	SW	1	SW	3	10	10	0.570	
9	29.80	29.80	58.4	60.1	54.7	66.2	470	512	97	98	S	6	S	6	10	10	0.890	Dull day. Squally, with 2 p.
10	29.51	29.56	57.9	56.8	56.3	64.2	449	415	93	89	SW	6	SW	6	10	9	0.020	
11	29.73	29.84	59.5	53.8	52.6	62.7	360	353	71	88	W	4	W	2	7	4	0.540	Squally with 2 in past n. Squally p.
12	29.61	29.77	57.7	51.3	50.6	61.9	453	316	94	83	SW	6	SW	3	10	0	0.130	
13	30.07	30.28	65.0	48.9	48.0	61.0	623	301	75	88	NW	6	W	2	3	5	—	—
14	30.32	30.33	61.1	51.3	40.7	65.0	345	304	65	80	S	2	S	3	2	8	—	
15	30.22	30.28	57.1	53.2	44.1	68.4	343	364	74	90	E	2	SE	2	2	8	—	Fine all day.
16	30.27	30.23	63.7	55.3	48.2	77.5	207	389	46	80	SE	1	SW	1	2	6	—	
17	30.17	30.16	63.5	56.8	50.1	74.8	407	422	70	91	S	1	S	1	2	6	—	—
18	30.15	30.14	68.8	55.0	54.8	70.8	483	400	68	92	N	2	E	1	4	4	—	
19	30.15	30.08	57.9	55.6	45.5	69.4	379	404	80	91	E	1	SE	1	0	0	—	—
20	30.07	30.03	61.3	52.3	44.9	66.4	444	329	83	83	E	2	NE	2	6	0	—	
21	29.96	29.92	56.7	57.5	46.0	66.8	360	391	71	83	N	3	N	3	8	4	—	—
22	29.89	29.89	60.4	54.8	48.8	72.0	459	374	71	87	NW	2	NW	1	2	6	—	
23	29.89	29.94	65.5	55.6	46.5	72.2	453	416	73	94	W	1	NE	1	2	2	0.100	K p.
24	30.00	30.00	56.6	51.6	48.5	69.7	449	360	98	97	E	1	SE	1	10	0	—	
25	30.00	29.98	62.5	59.9	47.8	73.4	431	424	77	83	E	1	S	1	0	2	—	—
26	29.94	29.93	62.7	58.1	47.6	72.8	389	378	69	79	E	4	S	6	6	10	0.410	
27	29.88	29.86	51.8	54.8	51.0	59.4	365	391	95	91	E	3	SE	3	8	8	0.020	—
28	29.94	29.93	61.0	51.2	50.9	64.8	391	283	72	75	NE	4	SE	5	6	8	—	
29	30.06	30.02	57.7	46.1	45.6	61.8	284	250	59	84	E	4	E	2	2	0	—	—
30	30.06	30.02	57.7	46.1	45.6	61.8	284	250	59	84	E	4	E	2	2	0	—	
31	29.97	30.02	51.6	54.6	49.9	55.9	360	394	97	93	E	1	E	2	6	8	—	—
Means	29.978	29.987	60.0	54.0	48.3	66.8	385	368	75.1	87.6	2.5	2.7	5.3	4.6	5.300			

MARGATE.

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

AUGUST 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	63.0	59.1	57.7	65.0	ins.	ins.	63.0	66.0	NE 3	NNE 3	9	10	—	Very fine day.
2	30.12	30.08	59.0	59.2	56.1	63.9	3.88	3.28	63.0	66.0	N 2	N 1	10	10	—	
3	30.06	30.00	57.5	57.9	54.4	63.6	4.10	3.97	85	83	N 2	N 1	10	10	—	
4	29.94	29.92	57.8	58.2	54.3	63.7	3.93	4.36	82	90	NNE 1	Calm	10	10	1.40	
5	94	99	63.0	56.4	50.3	65.5	4.22	4.31	74	95	SW 1	Calm	8	7	0.10	Dull day. D 9p.
6	98	89	59.9	59.0	56.2	63.9	4.51	4.85	88	98	E 1	ENE 1	10	0	5.90	Dull day. D 2 3a. Dull day.
7	83	79	61.0	53.1	52.8	63.2	3.85	3.44	73	84	SW 2	W 2	5	3	1.00	Fine day.
8	29.88	98	63.0	58.8	52.1	69.2	4.13	4.07	72	82	W 2	SW 2	5	7	—	Fine day.
9	30.01	96	61.0	60.2	54.1	68.0	3.82	4.40	72	86	SW 3	E 1	10	0	—	Fine day.
10	29.73	70	68.1	59.0	59.0	72.4	4.79	3.97	70	80	SSW 4	SSW 3	8	8	—	a. Fine day.
11	76	89	64.8	57.0	53.8	69.8	3.61	3.91	59	84	SW 4	SW 3	6	3	—	a. Fine day.
12	87	29.76	63.0	60.0	54.1	67.0	3.74	4.21	65	81	SSW 4	SW 3	2	4	—	a. Fine day.
13	29.95	30.24	57.2	58.0	52.3	67.1	3.03	2.77	64	57	W 4	W 3	4	2	—	Fine day.
14	30.33	33	57.3	52.0	52.0	62.9	2.95	2.85	63	74	N 1	W 1	6	0	—	Dull day.
15	35	27	60.1	56.0	47.1	65.2	3.15	3.35	61	75	SW 1	Calm	0	0	—	Fine all day.
16	28	16	62.5	61.0	50.1	71.0	3.55	3.58	63	67	S 1	W 1	10	0	—	Fine day.
17	12	05	63.5	64.0	52.0	74.6	4.31	4.61	75	77	SW 2	NW 1	9	2	—	Fine day.
18	09	11	58.1	55.1	54.7	64.7	3.45	2.98	72	70	N 1	N 2	10	0	—	
19	30.11	30.01	56.0	56.0	52.5	62.9	3.35	3.28	75	73	N 2	N 1	8	9	—	Dull and cool.
20	29.87	29.84	56.0	55.2	52.2	62.2	3.64	3.73	81	85	N 2	N 1	10	7	0.80	showers.
21	82	86	58.0	57.7	52.1	63.0	3.89	3.94	81	83	N 2	N 1	7	10	0.10	showers. <
22	83	83	58.7	58.3	54.1	64.9	3.70	3.85	76	80	NW 1	N 2	1	7	—	Fine day.
23	29.87	29.98	57.0	55.4	54.9	60.6	3.49	3.39	75	78	N 1	Calm	10	10	—	Warm day.
24	30.02	30.10	60.1	56.3	48.8	63.9	4.03	3.82	78	84	NW 1	Calm	1	0	—	Bright and warm.
25	10	30.08	63.0	58.8	53.1	64.9	3.84	4.07	67	82	Calm	B 1	0	4	—	Bright and warm.
26	30.07	29.99	63.3	57.8	53.2	65.3	4.18	3.86	73	81	E 1	NE 3	7	5	0.10	Fine day. p.
27	29.96	91	57.2	59.0	55.1	61.1	3.69	3.82	79	77	E 3	NE 3	10	10	—	a. Fine afternoon.
28	85	85	59.1	58.0	56.3	61.5	3.45	3.39	79	71	E 4	NE 4	10	10	0.30	a. and p.
29	80	29.81	59.4	53.1	52.5	61.1	3.64	2.74	72	69	NE 4	N 4	8	8	—	Bright and windy.
30	29.98	30.07	59.8	55.0	53.0	60.1	2.78	3.02	55	70	NE 3	E 1	6	10	—	Bright and windy.
31	30.07	30.04	58.2	56.7	49.1	61.5	2.88	3.06	59	67	N 1	N 1	7	0	—	Very dull.
Means	29.989	29.987	60.2	57.5	53.2	65.0	3.73	3.72	71.8	78.7	2.1	1.6	6.9	5.4	1.010	

SOUTHAMPTON.

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

AUGUST 1885.

1	30.11	30.09	68.0	58.7	52.1	75.0	4.08	3.52	59	71	NE 3	NE 2	2	0	—	Beautifully fine and warm throughout.
2	10	09	56.8	58.8	53.1	68.0	3.45	3.80	75	77	ENE 1.5	NE 1.5	10	10	—	Fine and very pleasant.
3	30.06	30.00	67.0	61.2	53.8	70.4	3.72	3.81	56	71	NE 2	SE 2	1	10	—	Fine and very pleasant.
4	29.93	29.91	64.7	57.8	56.3	69.3	3.83	3.94	62	82	SSE 3	SW 1	10	10	—	Fine and very pleasant.
5	96	30.00	60.1	55.8	46.9	70.5	3.78	3.41	73	76	SW 0.5	SW 1	10	0	—	Beautiful day throughout.
6	95	29.85	67.1	56.5	42.2	72.5	3.40	4.09	51	89	SE 1	SE 2	1	9	2.00	Fine till 4.30p., then till 6.15p. <
7	80	29.87	58.5	56.8	53.9	66.5	4.29	4.37	87	94	SW 1.5	SW 3	10	10	0.67	after 9p. K Midt. K till 1a. < till 2a. Frequent showers. K 4.25p.
8	94	30.01	64.1	58.7	53.2	70.1	4.36	4.26	73	86	W 3.5	SW 3	8	7	0.13	Beautiful a. showers Noon and
9	98	29.80	60.0	61.9	53.9	69.4	4.59	4.53	89	82	SW 3.5	S 3	10	1	0.55	Fine and pleasant from 9.15a. [3.15p.
10	70	69	62.6	58.7	58.3	68.1	4.86	4.23	85	85	SW 3	SW 4	10	2	—	Day fine with fresh breeze.
11	77	87	63.2	57.7	55.7	68.7	3.82	4.00	66	84	SW 3.5	SW 2.5	8	5	0.17	Fine. with pleasant breeze. [showers.
12	29.85	29.78	61.6	57.6	55.2	63.8	4.18	3.99	77	78	SW 4.5	SW 4.5	9	5	0.18	(force 6) during day, with
13	30.04	30.26	61.8	52.8	49.7	68.1	3.21	3.04	58	76	NW 3.5	NW 1	2	1	—	Beautiful day throughout.
14	34	34	57.9	53.0	43.6	68.4	3.18	3.27	66	81	E 1	Calm	0	9	—	Beautiful day throughout.
15	33	29	65.6	54.8	47.7	71.3	3.80	3.27	60	76	SE 2	NE 0.5	2	0	—	Beautiful day throughout.
16	27	22	67.0	59.7	46.4	77.2	4.30	3.70	65	72	S 1	WSW 0.5	2	0	—	Delightfully fine and warm.
17	16	09	70.8	67.0	51.4	82.5	4.06	3.09	54	77	NW 1	NW 2	0	1	—	Delightfully fine and very warm.
18	12	12	63.3	58.7	57.8	76.1	4.67	3.74	84	55	NNW 2	NE 1	10	1	—	Delightfully fine and warm.
19	30.13	30.05	57.7	52.8	44.8	64.7	3.23	3.25	68	81	NE 1	Calm	0	9	—	Beautiful day throughout.
20	29.96	29.95	54.7	54.1	48.8	65.5	3.36	3.36	78	80	N 2	N 2	10	2	—	Dull and cool a. Very pleasant p.
21	90	88	62.9	54.6	48.2	66.4	3.88	3.78	67	80	NNW 2	N 0.5	2	1	0.15	Beautiful morning. 9p.
22	85	86	57.3	54.0	45.0	61.6	4.21	3.63	89	87	NNW 1.5	NW 0.5	10	7	—	Fine day. D at night.
23	29.89	29.95	62.0	58.1	48.2	70.8	4.16	4.38	75	90	Calm	Calm	0	10	0.03	a. Very pleasant day. p.
24	30.01	30.03	58.5	57.9	49.9	74.1	4.46	4.50	91	94	Calm	Calm	0	10	—	Beautiful day throughout. D at
25	30.03	30.00	65.6	58.7	52.9	72.5	4.64	3.81	74	77	SE 2	Calm	0	10	—	Beautiful day throughout. [night.
26	29.96	29.95	63.7	59.4	51.6	73.7	4.54	4.31	76	86	ENE 2	E 2	4	10	0.85	Beautiful day. 7.30p.—10p.
27	91	87	60.4	57.5	55.4	67.4	4.66	3.97	90	83	SE 3	NE 3	10	1	—	Fine and very pleasant.
28	79	84	64.7	54.9	53.2	67.8	4.17	3.49	68	80	NE 3.5	NE 4.5	9	10	1.34	Beautiful with pleasant breeze a. p.
29	29.89	29.89	61.0	54.0	51.1	69.9	3.34	2.99	62	72	NE 4	NE 2	1	0	—	Beautiful day throughout.
30	30.03	30.10	60.8	54.6	46.0	67.0	3.06	3.03	58	72	N 1.5	Calm	0	2	0.25	Beautiful day throughout.
31	30.04	30.02	56.8	54.6	50.4	58.9	4.05	3.75	87	89	SE 1	ESE 1.5	10	7	0.38	showers till 5p. D at night.
Means	29.990	29.989	62.1	57.1	51.0	69.6	3.98	3.81	71.6	81.0	2.1	1.6	6.5	4.3	0.669	

ST. LEONARDS.

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

AUGUST 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	62.5	60.6	55.8	74.0	.436	.404	78	77	ENE 2	NE 3	9	8	ins.	Overcast till noon.
2	30.10	30.07	62.1	60.1	55.9	69.4	.436	.405	70	78	NE 3	NNE 2	10	7	—	Overcast till noon.
3	30.04	29.98	62.4	58.5	54.9	66.8	.422	.387	75	79	NE 2	NNE 1	9	10	—	Overcast day.
4	29.93	.91	62.3	57.2	55.0	65.1	.374	.408	67	87	Calm	NW 2	5	1	.024	[night.
5	.95	.98	58.7	55.6	54.1	64.6	.429	.382	88	86	Calm	W 1	10	2	.260	Overcast, with ☁, till noon. ☾ at
6	.95	.88	66.8	60.4	51.0	68.2	.415	.438	63	84	E 1	WSW 1	3	10	.030	
7	.84	29.83	59.4	53.9	53.3	61.7	.402	.373	80	90	SW 5	WSW 2	10	2	.182	☉ a. K ☉ 2 6p.—7p. ☾ 7p.
8	29.93	30.01	62.4	59.7	53.0	66.0	.443	.445	79	88	W 5	W 3	4	10	.006	Overcast till noon.
9	30.02	29.84	60.2	62.5	57.5	66.0	.423	.447	82	80	SW 3	SE 2	10	0	—	all day, reaching gale force late p.
10	29.75	.73	64.2	60.0	59.9	65.5	.490	.441	82	86	S 5	WSW 6	7	3	—	n. ☉ (gale at times) during day.
11	.81	.90	62.5	57.5	57.5	64.2	.441	.394	79	83	WSW 6	WSW 4	3	8	.019	☉ 2 8.40a. Squally all day.
12	29.90	29.80	58.7	59.0	57.1	63.9	.432	.377	88	76	SW 5	SW 7	8	3	.018	[(force 8 at times), from 7p.
13	30.00	30.23	60.0	56.4	52.6	67.2	.321	.292	62	64	WNW 5	NW 2	1	0	—	(gale) till 3a. Squally 9a.
14	.34	.33	61.0	55.2	48.5	63.4	.316	.323	59	74	NNE 1	Calm	0	9	0	Overcast till 10a.
15	.35	.29	62.0	59.2	51.3	66.8	.365	.368	66	73	E 1	Calm	0	2	0	Fine day.
16	.28	.19	64.3	62.0	53.9	68.8	.405	.321	67	58	ESE 1	W 1	1	0	—	[during day.
17	.14	.05	68.8	66.8	54.6	72.5	.397	.441	56	67	WNW 1	WNW 1	1	5	—	Fine till 4p., then cloudy.
18	.10	.12	61.6	53.2	53.2	67.0	.406	.311	75	77	NNW 1	Calm	0	9	0	Overcast till 4.30p. Cool p.
19	30.09	30.02	55.9	55.3	47.6	62.2	.334	.339	75	78	N 2	N 2	10	8	—	Overcast day.
20	29.90	29.87	55.7	52.6	52.4	63.3	.346	.358	73	90	NW 2	N 2	10	2	.050	Overcast till 1p. ☉ showers.
21	.85	.85	58.9	56.9	52.6	66.5	.373	.368	76	80	N 2	NE 2	5	9	—	∞ at times.
22	.83	.85	63.2	57.6	51.2	64.7	.404	.392	70	82	S 1	NW 1	2	3	—	
23	29.89	29.96	58.5	55.8	52.3	64.5	.377	.345	77	77	NNW 1	NW 1	9	2	—	☁ at times.
24	30.03	30.04	60.4	59.1	54.8	65.2	.415	.441	79	88	E 1	Calm	0	10	0	☁ at times during day. ☾ at night.
25	30.04	30.00	60.5	58.8	53.6	68.9	.440	.410	72	83	E 2	NE 2	0	4	—	☁ early a. ☉.
26	29.97	29.94	68.1	59.6	57.3	72.1	.455	.417	66	82	NE 4	NE 4	3	8	.029	
27	.92	.82	59.2	57.4	56.9	68.0	.419	.397	84	84	E 2	ENE 3	10	0	—	
28	.78	.81	59.2	55.7	54.6	66.3	.384	.387	69	87	ENE 6	NE 4	7	7	.330	☉ all day. ☉ noon.—7p.
29	.75	29.80	61.4	56.2	54.1	65.2	.362	.357	67	79	NE 7	NE 5	2	8	—	(gale force at times) all day.
30	29.95	30.09	61.7	53.6	49.6	67.2	.348	.364	64	74	NE 5	NE 3	1	5	—	all past n.
31	30.06	30.02	61.3	54.8	52.6	63.0	.375	.356	70	83	E 2	NNW 2	9	10	.022	Bar. rising 9a. Overcast day.
Means	29.984	29.978	61.6	57.8	53.8	66.4	.397	.382	75.0	79.8	2.7	2.2	6.1	4.4	0.970	

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

BABBACOMBE.

Height above Mean Sea Level, 293 feet. Long. 3° 31' W. Lat. 50° 29' N.
AUGUST 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	62.0	61.2	52.8	69.1	in.	in.	%	%	ENE 4	ENE 4	1	1	ins.	☁ n. m. (mist) before 9a. Very fine
2	30.12	30.08	58.1	58.0	54.2	64.7	34.3	35.6	72	74	ENE 4	WNW 1	9	9	—	☁ n. m. (mist) p. [day.
3	30.10	30.03	60.0	55.4	55.2	67.5	38.2	33.9	74	78	ENE 2	N 2	8	4	—	☁ till 9p. ☁ 6.30p.—7.30p.
4	29.95	29.93	63.1	52.0	48.4	65.7	34.6	30.5	61	79	NNW 2	NW 2	3	5	0.10	☁ 7a. Very clear 11a.—2p. [11.30p.
5	29.95	29.93	63.1	52.3	44.7	66.0	32.1	32.9	56	83	SSW 3	S 1	3	1	—	Fine day. ☁ p. < in SW. 11p.—
6	29.92	29.83	60.8	55.5	52.0	62.8	41.6	39.7	79	90	SE 3	S 4	8	9	0.10	☁ 3.15p. and 8.15p. ☁ 2 showers p.
7	29.92	29.92	58.1	56.2	47.0	64.8	36.7	38.9	77	87	WNW 2	W 3	8	1	0.10	☁ (mist) p. [< in SE. 10p.
8	29.99	30.03	64.3	55.2	53.4	65.0	40.7	37.5	68	87	W 4	SW 3	7	9	0.10	☁ 9.15a.—9.30a. ☁ 2 showers p.
9	29.92	29.71	59.5	61.1	55.0	69.7	46.0	46.9	93	87	SSW 4	S 5	10	8	0.10	Squally 9p.
10	29.66	29.69	62.4	57.4	56.8	66.0	42.7	41.2	76	87	SW 6	SW 5	8	4	—	☁ 9.15a.—9.30a. ☁ 2 showers p.
11	29.80	29.78	60.0	55.0	52.2	63.0	42.4	35.7	82	83	SW 5	WSW 5	10	3	—	Pink mist near sun p. [p.
12	29.80	29.78	60.0	55.0	52.2	63.0	42.4	35.7	82	83	SW 5	WSW 5	10	3	—	☁ (gale) from SW. mid-day. Squally
13	30.11	30.30	59.0	50.0	49.2	65.0	39.6	30.7	59	75	NW 3	NW 2	3	4	—	☁ 6p.—6.30p. Fine day.
14	30.34	30.33	59.1	54.8	46.4	62.8	35.2	31.8	71	74	NE 2	E 1	8	9	—	☁ (mist) a. [∞ D p.
15	30.30	30.29	61.7	57.6	52.2	64.5	40.0	35.8	74	76	E 3	E 2	3	7	—	☁ (mist) p. [∞ D p.
16	30.27	30.25	63.0	56.9	46.9	67.7	36.2	30.9	63	89	ENE 2	W 1	3	0	—	☁ (mist) a. and p. ☁ 9a. and 2p.
17	30.18	30.14	60.8	62.5	53.0	80.3	37.7	41.9	52	75	NE 1	NNW 3	4	3	—	Brown mist in lines in horizon p. [Humidity 38 % 2.30p.
18	30.14	30.12	73.1	60.9	57.1	73.7	46.2	43.7	57	83	NE 2	NNW 2	2	1	—	☁ 9a. Beautiful pink glow after golden sunset.
19	30.15	30.07	57.3	53.1	53.1	64.1	33.9	35.7	72	88	E 3	WSW 2	1	1	—	☁ a. and p. Very fine day. ☁ 2 p.
20	29.98	29.98	61.0	56.6	48.9	65.0	38.5	31.8	73	69	NE 3	NNW 2	1	1	—	☁ n. m. ☁ a. ☁ p.
21	29.96	29.90	62.0	56.0	49.5	70.0	35.5	30.3	64	88	NNE 2	N 2	3	0	0.10	☁ (mist) a. and p. ☁ p.
22	29.88	29.88	66.7	61.2	49.3	73.0	40.9	41.2	62	77	N 2	NW 2	1	6	—	☁ (mist) a. ☁ p. ☁ 4p.
23	29.90	29.96	63.2	57.2	52.6	71.8	45.3	43.1	78	93	E 1	WNW 2	6	1	0.30	☁ (mist) a. ☁ 9a. ☁ 2 p. ☁ 2 showers (22 inch in 5 min.) p.
24	30.02	30.02	60.1	56.2	46.2	69.3	41.6	40.1	81	89	ENE 1	NNE 1	0	0	—	☁ n. m. a. and p. Fine day.
25	30.00	29.97	61.0	60.0	56.1	66.8	47.0	45.1	88	87	ENE 3	ENE 2	0	8	—	☁ n. m. ☁ a. and p. Fine day.
26	29.92	29.88	60.1	58.9	58.0	65.0	43.0	40.4	81	100	E 4	ESE 4	8	10	0.10	☁ n. m. ☁ a. ☁ 2p.—2.30p. ☁ p.
27	29.86	29.83	63.0	59.3	58.3	68.8	44.6	49.1	95	97	S 2	E 3	10	10	—	☁ (mist) a. ☁ p. Very gloomy
28	29.76	29.82	61.1	56.5	54.2	61.6	41.0	33.8	77	74	ENE 5	ENE 5	8	10	0.10	☁ n. and p. [evening. ☁ 10p.
29	29.83	29.93	56.2	54.5	51.2	64.6	31.5	29.9	70	71	ENE 6	NNE 4	2	0	—	☁ (mist) a. ☁ p. ☁ 10p.
30	30.05	30.00	57.2	53.9	48.2	62.5	30.5	32.3	65	77	NNE 2	W 2	3	9	0.10	Squally a.
31	29.98	29.90	53.3	54.2	50.3	56.1	39.9	41.2	68	98	SSE 3	ESE 4	10	10	0.10	☁ (mist) a. and p. Dull, gloomy
Means	29.992	29.991	61.4	56.6	51.8	66.5	39.2	38.1	72.9	83.0	3.0	2.7	5.4	4.9	2.760	[day.

ST. AUBIN'S, JERSEY.

Height above Mean Sea Level, 139 feet. Long. 2° 10' W. Lat. 49° 11' N.
AUGUST 1885.

1	30.07	30.03	63.2	60.6	56.2	68.2	40.9	41.5	71	79	NE 2	NE 2	9	0	—	Extremely fine day.
2	30.05	30.05	64.7	57.2	57.2	66.9	37.2	37.5	60	80	ENE 3	ENE 1	5	2	—	Extremely fine day.
3	30.07	30.05	64.5	55.8	55.2	68.2	39.7	37.3	65	85	NE 2	Calm 0	7	0	—	☁ a. Extremely fine day.
4	29.98	29.99	62.5	52.2	52.2	69.2	39.3	31.8	69	81	Calm 0	Calm 0	9	1	—	☁ a. Extremely fine day.
5	30.00	30.01	63.2	59.8	49.3	67.5	31.7	30.8	56	61	SW 2	SE 1	5	6	—	☁ a. Extremely fine, clear, and dry.
6	29.95	29.90	65.2	58.0	55.2	69.4	40.3	39.9	65	82	SE 2	Calm 0	5	8	0.162	Fine a. ☁ showers from noon. ☁ 0 p.
7	29.89	29.90	57.0	58.5	55.0	66.7	36.4	44.3	78	90	SW 3	W 2	10	8	0.28	
8	30.08	30.12	62.8	58.0	56.3	68.1	42.0	36.2	75	75	SW 3	SW 1	8	9	—	
9	30.04	29.86	63.0	64.0	57.1	72.9	41.4	43.1	72	72	S by E 2	SW 2	8	0	—	Extremely fine, bright, and clear.
10	29.79	29.83	62.3	59.0	59.0	69.0	51.6	42.2	92	85	WSW 2	W 2	10	0	—	Very fine p.
11	29.92	29.99	62.8	57.7	57.0	68.7	41.4	38.4	73	80	W by S 3	W 1	6	8	0.06	☁ a. Extremely fine day.
12	29.96	29.94	63.7	57.5	56.2	70.5	40.1	44.3	68	94	SW 4	W 3	2	5	0.44	Squally 9a. and 9p. Very cloudy.
13	30.16	30.32	64.0	50.7	50.7	66.8	32.4	29.5	54	80	NNW 2	Calm 0	2	0	—	Extremely fine and very dry.
14	30.33	30.31	61.2	58.3	50.0	68.9	33.4	33.6	62	68	E 2	E 2	3	2	—	Extremely fine day.
15	30.29	30.27	63.0	59.5	54.2	73.2	31.9	39.3	56	77	E 2	NE 1	7	1	—	Extremely fine and very dry.
16	30.25	30.23	70.4	60.2	56.0	77.8	41.4	34.7	55	66	NE 1	NE 1	1	0	—	Extremely fine. Humidity 35% 1p.
17	30.21	30.17	68.9	60.7	55.1	73.2	35.3	30.9	50	70	NE 1	NNW 1	1	0	—	☁ a. ☁ at times. Extremely fine and
18	30.17	30.14	68.3	60.2	59.0	71.7	33.2	30.9	62	83	Calm 0	Calm 0	0	0	—	Extremely fine day. ☁ p. [dry.
19	30.14	30.08	60.9	64.4	54.0	64.1	36.5	31.2	70	73	ENE 3	NE 2	3	0	—	Extremely fine, but cool.
20	30.00	29.99	60.2	65.8	52.0	63.8	33.3	31.7	64	77	Calm 0	N 1	5	4	—	☁ a. and p. Fine, but cool.
21	29.97	29.93	60.8	68.3	53.7	63.2	32.1	39.5	68	80	NE 1	Calm 0	4	1	—	☁ a. and p. Extremely fine, but cool.
22	29.93	29.92	62.3	59.0	53.6	65.1	36.9	33.9	66	89	Calm 0	Calm 0	2	2	—	☁ a. and p. Extremely fine day.
23	29.92	29.90	63.3	57.2	55.2	69.0	44.8	48.0	71	90	NW 1	Calm 0	1	0	—	☁ a. and p. Extremely fine day.
24	30.05	30.03	63.2	60.3	55.1	71.2	36.7	44.6	86	85	Calm 0	NE 1	0	0	—	☁ a. and p. Extremely fine day. ☁ at
25	30.00	29.94	64.9	62.7	57.9	75.0	36.7	48.0	59	79	ENE 1	NE 3	6	5	—	☁ a. Extremely fine day. [times.
26	29.92	29.93	66.3	68.0	59.3	71.0	43.1	30.0	67	87	ENE 1	Calm 0	5	6	0.30	Very cloudy. ☁ at times.
27	29.98	29.91	63.8	61.0	59.6	70.7	33.9	30.5	91	95	SE 1	NE 3	6	7	0.40	Very cloudy. ☁ 9p.
28	29.74	29.66	68.9	68.0	57.0	63.6	40.8	33.7	82	70	NE 6	NE 3	7	1	0.140	☁ at times. Gloomy.
29	29.74	29.66	68.9	68.0	57.0	63.6	40.8	33.7	82	70	NE 6	NE 3	7	1	0.140	Squally a. and p. Sunless day.
30	30.02	30.12	57.8	57.0	54.1	63.2	33.9	35.4	71	75	NE 3	Calm 0	6	1	0.50	Squally a. and p. Sunless day.
31	30.05	29.98	66.8	59.0	53.8	61.0	40.5	49.0	87	98	SE 3	Calm 0	10	10	0.535	Very fine day.
Means	30.017	30.016	62.9	58.5	55.3	68.3	40.0	39.7	69.8	80.5	1.9	1.2	5.2	3.0	1.035	☁ a. Gloomy day.

NOTE.—The observations printed in italic type from the 17th—31st were taken at Noirmont (the Telegraphic Reporting Station) with standard instruments.

AUGUST 1885.

LONDONDERRY.

Height above Mean Sea Level, 93 feet. Long. 7° 19' W. Lat. 55° 0' N.
AUGUST 1885.

AUGUST 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	71.2	55.7	48.0	75.0	in.	in.	60	88	NE 2	NNE 1	0	2	ins.	Fine and clear all day.
2	30.24	30.26	57.2	53.2	47.0	60.3	45.9	39.3	79	84	N 2	NNE 1	10	10	0.020	
3	30.16	30.15	56.7	49.6	48.8	61.5	35.4	33.5	76	95	N 2	N 2	10	10	0.310	☁ showers during the day.
4	30.11	30.11	53.7	51.7	47.0	60.0	31.2	34.4	75	89	N 3	E 1	10	8	0.010	Fine all day.
5	30.07	30.07	55.7	53.2	48.9	63.7	36.6	37.1	82	92	NE 1	ENE 1	10	10	0.350	
6	30.00	29.97	56.7	54.7	51.3	65.7	41.5	38.2	90	90	NE 1	N 1	9	10	0.080	
7	29.88	29.87	58.7	52.7	51.8	61.0	43.8	37.5	88	94	N 2	WNW 2	10	10	—	
8	29.84	29.77	56.7	57.0	50.5	64.2	37.8	40.2	82	86	NW 2	SW 2	10	10	0.160	☁ showers from 3p.
9	29.84	29.74	62.4	57.2	52.9	69.0	51.2	36.7	91	78	S 4	SSW 5	10	10	0.080	☁ showers.
10	29.09	29.09	54.7	54.7	52.3	63.5	38.5	39.1	99	92	SSE 3	WSW 2	10	10	0.130	☁ showers all day.
11	29.54	29.68	55.4	49.4	48.7	58.9	33.6	31.5	77	90	NW 2	WSW 1	10	10	0.400	
12	29.41	29.69	49.2	47.0	47.0	55.9	32.9	31.0	95	94	E 1	NW 3	10	10	0.460	☁ nearly all day.
13	30.06	30.25	53.7	47.2	45.0	58.7	27.9	29.1	67	91	NW 2	NW 2	5	8	0.030	
14	30	29.28	59.7	48.7	44.0	66.4	33.4	30.1	65	88	SW 2	Calm 0	7	0	—	Fine and clear all day.
15	29.27	29.25	54.4	58.7	41.1	66.1	35.3	42.6	83	86	S 2	SW 1	10	10	0.010	Fine day.
16	29.24	29.21	64.7	58.9	52.0	73.3	42.0	41.4	69	83	W 1	W 1	2	10	0.010	
17	29.18	29.18	59.7	57.7	50.9	62.0	47.7	46.1	94	96	W 2	SW 1	10	10	0.030	☁ all day.
18	29.21	29.23	58.0	54.7	53.8	66.6	44.8	40.6	92	95	NW 1	NE 1	10	2	—	☁ ga. and before.
19	29.21	29.16	59.7	52.0	51.0	71.2	38.3	36.1	74	93	NE 1	Calm 0	3	0	—	Fine and clear all day.
20	29.10	29.17	60.7	51.7	48.0	68.7	41.0	32.4	74	85	NE 1	ESE 2	0	0	—	Fine and clear all day.
21	29.11	30.06	62.2	54.7	43.9	70.9	38.1	49.3	68	95	N 2	N 1	3	0	—	Fine and clear all day.
22	30.01	29.95	57.7	54.7	50.5	64.5	42.3	39.1	88	92	N 1	N 1	10	10	—	Fine and clear.
23	29.92	29.96	56.2	55.8	53.7	62.3	39.9	42.2	88	94	W 1	W 1	10	10	—	Dull and overcast.
24	30.00	30.05	57.4	55.0	53.8	64.8	40.6	39.7	85	92	W 1	SE 1	10	10	—	Overcast all day.
25	29.07	29.08	58.7	53.7	53.0	65.0	38.1	39.2	77	95	NE 2	ENE 1	10	9	—	
26	29.08	30.06	59.7	55.7	52.0	64.5	36.3	35.3	70	79	NE 2	E 3	3	10	—	
27	29.02	29.99	56.7	53.7	46.0	67.0	30.0	32.4	65	78	NE 2	E 3	5	0	—	
28	29.02	30.08	52.1	51.7	49.0	58.0	30.7	31.3	78	81	E 3	E 1	10	10	—	
29	29.12	30.11	52.2	48.2	47.0	56.7	28.3	28.1	73	84	E 2	NE 2	10	4	—	
30	29.10	29.98	54.6	51.2	43.0	60.0	29.6	31.6	70	84	N 1	S 2	10	10	—	
31	30.03	30.11	57.7	48.7	47.0	64.5	34.3	30.1	72	87	SE 2	NE 2	10	0	—	Fine and clear all day.
Means	30.001	30.014	57.6	53.2	49.2	64.2	37.6	36.1	78.6	88.7	1.8	1.5	8.0	7.2	2.070	

MARKREE CASTLE, SLIGO.

Height above Mean Sea Level, 131 feet. Long. 8° 27' W. Lat. 54° 11' N.
AUGUST 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	68.2	57.8	45.9	77.0	in.	in.	60	89	NNW 1	N 0.5	3	3	ins.	
2	30.21	30.19	68.2	57.8	45.9	77.0	419	430	81	90	W 1	N 1	6	7	—	
3	30.18	30.17	61.4	51.5	46.5	65.9	437	344	81	90	W 1	N 1	6	7	—	
4	30.17	30.14	51.0	51.1	48.1	60.2	351	280	94	74	N 3	N 4	9	8	0.020	
5	30.07	30.02	54.1	53.2	47.3	58.4	294	323	71	79	N 3	N 3	9	10	0.020	
6	29.94	29.91	54.2	57.4	50.5	66.1	388	403	93	86	Calm	NNE 1	10	7	0.020	
7	29.87	29.88	57.0	53.1	46.3	60.4	377	339	81	81	NW 4	W 2	10	10	—	
8	29.83	29.80	56.1	55.3	49.8	62.3	374	307	82	90	W 1	SE 2	10	10	0.260	Overcast all day.
9	29.73	29.71	63.0	56.1	52.2	67.7	540	359	94	79	SSE 5	SSW 4	10	8	0.090	
10	29.69	29.67	56.0	53.2	51.2	58.4	422	380	94	94	SSW 4	WSW 1	10	10	0.210	
11	29.59	29.57	54.1	49.1	47.5	56.4	362	307	86	88	W 2	Calm	10	10	0.280	
12	29.39	29.77	53.1	50.9	47.4	56.7	312	260	77	70	SW 2	NNW 4	9	6	0.070	
13	30.10	30.25	50.1	45.1	44.0	56.0	290	261	80	87	WNW 3	Calm	7	4	—	
14	29.29	29.23	56.1	50.9	36.5	63.1	296	323	66	87	SW 0.5	Calm	4	6	—	
15	29.22	29.21	56.1	50.2	47.8	66.8	372	431	82	86	SSE 2	SSE 1	10	7	—	
16	29.22	29.20	62.0	55.3	43.0	69.2	433	405	78	92	SSE 0.5	Calm	6	4	—	
17	29.17	29.16	59.8	58.0	49.0	65.9	482	427	94	88	Calm	N 0.5	10	10	0.010	
18	29.17	29.17	61.8	57.2	55.3	68.7	493	465	90	99	NNW 0.5	N 0.5	10	10	—	g.p.
19	29.16	29.10	59.1	52.1	48.1	68.0	469	387	94	99	Calm	Calm	10	4	0.010	
20	29.03	29.11	58.2	49.4	40.5	67.7	454	312	93	90	NE 0.5	Calm	3	0	—	before g.p.
21	30.07	30.01	61.0	55.6	37.8	65.6	356	399	67	90	N 2	N 1	2	2	—	
22	29.97	29.91	57.0	54.4	50.0	60.1	408	386	88	92	NW 1	W 2	9	10	—	
23	29.90	29.92	54.4	54.5	50.1	57.8	386	384	92	91	Calm	NNE 0.5	10	10	—	Overcast all day.
24	29.97	29.99	58.9	59.4	49.7	64.7	384	346	77	94	NNW 0.5	Calm	10	2	—	
25	30.01	30.00	55.2	54.5	39.5	68.6	430	376	99	89	ENE 0.5	Calm	10	2	—	g.p.
26	29.99	29.95	57.9	55.0	41.3	60.8	397	342	83	79	E 1	ESE 3	9	10	—	
27	29.91	29.87	54.6	51.5	48.2	58.2	332	349	78	91	ESE 4	ESE 2	10	10	0.330	
28	29.91	30.00	52.6	52.1	50.6	53.7	356	339	90	86	E 2	ESE 0.5	10	10	0.020	
29	30.06	30.06	50.8	48.5	47.8	55.1	324	290	87	85	Calm	Calm	10	10	—	Overcast all day.
30	30.02	29.95	51.3	50.2	42.9	52.3	287	351	76	97	SE 1	SE 2	10	10	0.240	
31	29.96	30.04	52.2	53.1	48.2	55.7	366	365	94	90	ESE 1	Calm	10	10	0.010	
Means	29.958	29.975	56.6	53.2	46.9	62.2	386	359	83.7	87.8	1.5	1.2	8.5	7.4	1.880	

DUBLIN.

Height above Mean Sea Level, 54 feet. Long. 6° 15' W. Lat. 53° 20' N.
AUGUST 1885.

1	30.21	30.19	65.8	61.8	53.8	69.7	464	445	74	81	NE 2	NNE 2	1	0	—	∞ ² a. and p. Warm sunshine with cool breeze.
2	30.19	30.17	61.6	58.3	54.8	63.6	425	416	78	85	NNE 3	Calm	8	5	—	∞ a. Very fine evening.
3	30.08	30.08	56.8	52.9	52.5	64.5	349	297	76	74	NbyW 4	NNW 4	8	2	120	∞ a. and p. Day very fine, but cool.
4	30.00	29.99	48.9	52.5	45.4	58.0	320	378	93	95	N 5	ENE 4	10	10	1719	Squally ∞ ² a. Very cold. ∞ ² from 6 p.
5	30.03	30.01	55.1	54.9	51.1	57.9	377	404	87	94	ENE 5	ENE 2	10	8	120	[10.15 a.—11.20 a. T 11 a. ∞ ² from 6 p.
6	29.95	29.92	58.6	56.5	52.9	64.6	406	411	83	90	SE 2	NNW 2	2	2	—	Squally ∞ a. [SSE. 10 p.
7	29.86	29.88	56.1	55.6	49.0	66.0	444	358	91	81	N 2	NW 5	10	1	0.020	Brilliant day. ∞ (mist) g.p. < 10
8	29.88	29.83	58.5	56.9	51.8	65.1	352	412	72	89	WNW 4	S 3	4	5	163	∞ a. ∞ ² shower 0.15 p. Distant
9	29.84	29.79	62.0	61.0	55.0	65.8	477	397	85	75	S 7	SW 6	8	5	0.074	Fine a. Wind backing p. [T 1 p. Cool.
10	29.85	29.83	61.5	55.4	54.6	62.7	377	370	69	85	SW 6	WSW 6	7	7	0.020	Squally (gale) ∞ n. and day. Finer
11	29.80	29.75	56.0	52.0	51.9	63.4	363	366	81	79	WNW 5	SW 1	6	2	0.036	Squally (gale) a. and p. [p.
12	29.76	29.70	55.4	50.7	50.0	58.7	345	300	80	82	SW 5	NW 5	4	1	145	Cloudy and cool a. Very fine p.
13	30.08	30.26	52.7	49.8	44.4	60.2	273	292	69	82	NW 5	NNW 2	3	1	—	Squally ∞ a. and p. ∞ ² showers.
14	30.32	30.31	51.7	53.7	41.2	61.6	269	364	70	88	NW 2	SSE 2	1	2	—	Squally ∞ a. Very fine p.
15	30.29	30.27	58.7	55.0	45.0	66.8	373	375	75	87	SE 2	Calm	7	2	—	Grass min. 33° 0 n. Brilliant day.
16	30.27	30.22	59.1	58.0	47.3	69.1	363	366	72	84	SE 2	Calm	6	2	—	Very fine day. Warmer.
17	30.19	30.16	63.4	63.4	55.8	71.4	453	503	78	87	NW 2	NW 1	6	10	—	Brilliant day. ∞ p.
18	30.20	30.20	62.0	56.9	56.9	65.7	455	430	82	94	N 1	N 2	10	3	—	∞ a. Very fine a. Cloudy p.
19	30.19	30.13	59.1	55.0	51.7	65.3	399	370	80	86	NE 2	NE 2	4	1	—	Dull till 4 p.
20	30.08	30.11	58.1	54.3	47.6	61.7	391	364	80	86	ENE 3	NE 2	8	1	—	Brilliant weather. Cool wind.
21	30.06	30.00	58.5	57.9	47.1	66.3	329	394	67	82	N 4	NNE 2	3	2	—	Cloudy a. Brilliant from 1.30 p.
22	29.96	29.90	58.9	60.4	49.8	69.5	405	447	81	86	NNW 2	Calm	1	8	0.050	Very fine a. Upper clouds from NNE.
23	29.92	29.95	57.0	55.5	53.2	63.3	399	395	86	90	WNW 1	Calm	10	0	—	Very fine and warm. Bar. 29.88 6 p
24	30.01	30.02	59.8	58.0	51.3	66.5	450	450	88	93	W 1	Calm	0	8	—	∞ (mist) p. [∞ ² 10 p. ∞ ²
25	30.06	30.05	55.7	56.0	49.7	63.4	396	416	92	92	E 1	E 1	10	10	—	∞ a. ∞ g.p.
26	30.00	29.97	60.3	57.9	55.1	64.7	462	399	88	83	ESE 2	E by S 4	4	3	0.034	∞ a. Brilliant from 10 a. ∞ 6 p.
27	29.92	29.89	55.7	54.0	52.6	58.0	388	403	88	97	E by S 4	E by S 2	10	10	0.110	∞ a. ∞ p. early a. ∞ from 1 p.
28	29.90	29.95	56.9	56.0	53.7	58.7	427	352	93	79	E 3	ENE 4	10	9	—	Squally ∞ a. ∞ early a. ∞ from 1 p.
29	30.04	30.05	55.9	51.0	50.9	59.4	300	273	67	73	NEb.E 4	ENE 2	6	3	—	Very cloudy all day. ∞ (mist) g.p.
30	30.08	30.04	54.0	49.7	47.9	57.1	337	311	81	88	SSE 2	SSE 2	9	10	0.429	Cloudy a. Very fine p. Hum. 57 %
31	29.99	30.07	53.1	52.7	49.1	57.6	395	370	98	93	ESE 2	NE 2	10	0	0.010	[1.30 p. ∞ g.p. Cir-s. moving from SW. ∞ from 4.30 p.
Means	29.989	29.995	57.6	55.6	50.7	63.4	385	381	80.7	85.8	3.0	2.3	6.6	4.0	3.050	Very dull and cold a., with ∞ ² . Even- [ing very fine.

PARSONSTOWN (BIRR CASTLE).

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

AUGUST 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	65.7	62.3	49.0	76.4	in.	in.	60	89	NNW 1	Calm	0	5	ins.	∞ (mist) a. and p.
2	30.21	30.18	65.7	62.3	49.0	76.4	441	483	71	80	NE 2	Calm	0	10	—	before g.p. ∞ (mist) g.p. and g.p.
3	30.19	30.15	55.9	50.7	50.2	63.2	351	281	78	77	NNE 2	NNW 2-3	10	1	—	
4	30.07	29.99	53.1	51.8	46.0	56.0	298	359	74	93	NNW 3	N 3	10	10	0.050	Squally a. and p.
5	30.03	30.01	56.1	55.9	48.3	59.3	374	382	82	86	NNE 1	ENE 1	10	10	0.372	
6	29.92	29.91	55.0	53.2	51.0	66.9	397	397	92	98	Calm	Calm	10	8	—	∞ (mist) g.p.
7	29.88	29.84	58.4	54.9	43.5	65.2	404	355	83	83	NE 2	WNW 1	10	6	—	before g.p.
8	29.80	29.78	56.0	56.1	51.2	66.2	399	352	89	78	SW 1	SW 2-3	10	10	0.520	
9	29.43	29.37	62.2	55.7	51.0	66.3	514	366	92	82	SW 4	SSW 2	10	2	0.080	
10	29.20	29.18	58.9	53.8	52.0	58.9	381	360	77	86	S 4	SW 4-5	10	10	0.062	Squally a. and p.
11	29.68	29.74	56.1	52.3	51.1	60.6	349	329	77	83	WSW 3-4	Calm	0	9	10	0.13

DUNROBIN CASTLE.

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

SEPTEMBER 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°	51°	41°	55°	in.	in.	88	80	SE	SE	—	—	ins.	Fine a. Dull and cold p.
2	30°15	30°12	54°	53°	46°	57°	30°	30°	88	82	SE	SE	—	—	550	Stormy p.
3	29°59	29°55	54°	53°	46°	57°	30°	30°	88	82	SE	SE	—	—	—	Dull day.
4	49	45	50°	52°	46°	58°	30°	30°	88	82	SE	SE	—	—	—	Dull day.
5	44	41	54°	50°	40°	61°	37°	35°	88	87	SE	NE	—	—	—	Fine day.
6	44	41	50°	51°	50°	60°	37°	35°	88	83	SW	NE	—	—	130	Fine p.
7	53	62	55°	54°	50°	60°	40°	39°	93	93	SE	E	—	—	—	Dull a. Fine p.
8	64	73	56°	50°	50°	60°	39°	33°	89	92	SE	NW	—	—	—	Dull, with showers.
9	63	40	56°	53°	49°	57°	38°	34°	85	84	W	E	—	—	—	Dull a. Fine p.
10	28	41	55°	45°	45°	58°	31°	28°	72	95	SW	NE	—	—	440	Dull, with showers.
11	49	48	55°	47°	45°	59°	41°	31°	97	97	SW	NE	—	—	—	Dull a. Fine p.
12	50	29°65	52°	51°	39°	57°	30°	31°	77	83	SW	E	—	—	300	Fine day.
13	30	28°90	51°	50°	45°	60°	33°	35°	87	97	SE	SE	—	—	500	Blow, with a. Stormy p.
14	30	29°49	53°	50°	47°	57°	34°	31°	79	87	W	W	—	—	110	Blow, with showers a. Fair p.
15	53	56	56°	52°	49°	62°	34°	34°	75	88	W	W	—	—	—	Fine a. Dull p.
16	57	50	54°	49°	48°	54°	40°	36°	96	88	NW	W	—	—	240	p.
17	56	29°87	51°	47°	43°	58°	30°	30°	80	94	SW	NW	—	—	—	Fine and clear.
18	29°95	30°02	51°	45°	44°	54°	31°	29°	83	98	SW	W	—	—	400	Fine a. showers p.
19	30°00	29°82	51°	52°	44°	55°	30°	34°	79	88	W	W	—	—	130	Fine day.
20	29°24	60	55°	49°	43°	58°	38°	28°	86	80	W	W	—	—	040	Dull and blowy.
21	73	72	52°	49°	38°	58°	27°	26°	71	76	W	S	—	—	170	
22	92	99	50°	51°	42°	57°	25°	33°	70	89	W	N	—	—	100	
23	90	79	57°	55°	49°	58°	36°	35°	77	81	W	W	—	—	—	Fine a. Dull p.
24	89	95	48°	49°	45°	56°	27°	27°	80	79	W	N	—	—	—	Fine a. Blowy p.
25	29°89	94	49°	43°	42°	53°	26°	24°	75	87	W	NW	—	—	430	Fine a. Blowy, with showers p.
26	30°01	29°99	45°	38°	36°	49°	25°	19°	85	82	NE	NE	—	—	240	Clear a.
27	30°05	30°05	49°	38°	38°	52°	23°	19°	67	85	NE	NE	—	—	—	Fine and clear.
28	30°02	29°87	46°	43°	34°	49°	21°	24°	70	85	SW	NW	—	—	050	Fine day.
29	29°71	51	48°	49°	42°	53°	29°	33°	88	95	NW	E	—	—	340	
30	29°65	49°	49°	49°	43°	54°	28°	27°	81	79	W	W	—	—	150	Fine day.
Means	29°66	29°68	52°	49°	44°	56°	32°	30°	80°	86°	—	—	—	—	4°510	Stormy a. (gale) p.

BRAEMAR.

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

SEPTEMBER 1885.

Day.	30°16	30°11	30°6	45°6	30°2	63°5	223	156	92	51	NE	0°5	SE	2	8	8	—	Clear and cold.
1	29°94	29°67	48°	49°	41°	53°	270	300	80	84	SE	2	SE	6	8	9	270	Stormy, with p.
2	43	44	54°	48°	48°	59°	372	307	87	89	E	0°5	S	0°5	9	3	070	showers a. Clear p.
3	40	41	53°	50°	43°	57°	336	342	82	94	SW	2	SW	0°5	9	10	800	Dull, with p. K 3p.
4	58	54	50°	46°	44°	58°	300	295	78	95	SW	0°5	E	0°5	7	1	020	showers.
5	58	62	49°	50°	41°	60°	338	338	95	91	E	0°5	NE	0°5	7	8	—	
6	64	72	45°	51°	36°	62°	277	351	91	91	N	0°5	SW	0°5	4	8	—	
7	64	45	50°	46°	37°	57°	315	203	87	94	SW	3	SW	2	8	7	030	Dull, with showers.
8	36	46	49°	44°	38°	50°	270	245	76	83	SW	3	SW	2	7	7	070	Dull, with showers.
9	50	56	49°	42°	42°	56°	244	228	70	83	SW	1	SW	0°5	6	1	—	Fine and clear.
10	52	66	47°	46°	32°	56°	241	276	75	90	SW	2	SW	2	6	6	180	Fine day.
11	38	15	46°	50°	44°	60°	306	286	95	78	SW	1	SW	8	6	8	560	Dull, with p.
12	42	67	47°	47°	45°	53°	281	270	87	84	SW	8	SW	8	7	8	100	Stormy, with showers.
13	58	57	49°	48°	47°	55°	245	343	69	92	SW	4	SW	1	8	8	020	Fair and clear.
14	56	48	51°	48°	48°	52°	340	296	91	89	SW	0°5	SW	2	10	8	400	
15	60	29°89	49°	48°	44°	56°	285	268	82	77	SW	6	SW	2	8	7	—	Fair and clear.
16	29°92	30°00	51°	43°	42°	57°	275	263	73	92	SW	0°5	S	0°5	5	1	—	Fair and clear.
17	30°01	29°85	40°	46°	30°	54°	218	253	87	81	NW	0°5	SW	1	3	6	480	Fair and clear.
18	29°30	65	51°	43°	43°	55°	339	216	90	75	SW	8	W	6	10	7	070	Stormy, with showers.
19	72	29°57	53°	46°	43°	53°	229	307	57	96	SW	4	SW	2	10	10	500	Dull, with p.
20	99	30°05	47°	48°	42°	52°	224	270	70	80	W	1	W	2	7	7	—	Dull day.
21	98	29°86	51°	52°	47°	54°	307	320	81	76	SW	4	SW	6	8	7	—	Dull day.
22	97	30°01	44°	45°	44°	52°	251	234	86	77	SW	4	SW	2	7	4	—	Fair and clear.
23	29°94	29°91	45°	40°	40°	49°	217	104	73	77	SW	2	NE	1	6	8	400	Fair a. Snow on hills.
24	30°00	30°00	39°	33°	33°	45°	219	180	90	92	NE	1	NE	1	9	10	500	Fair a. Snow on hills.
25	29°99	30°10	38°	35°	33°	44°	205	192	88	91	NE	2	SE	1	7	10	150	Fair a. Snow on hills.
26	30°04	29°99	34°	39°	25°	47°	146	202	72	83	SE	0°5	SE	1	6	7	040	Fair and clear.
27	29°77	53	43°	47°	38°	47°	238	304	84	94	SW	2	SW	1	8	10	210	
28	59	71	46°	42°	42°	51°	221	229	70	84	NW	1	SW	0°5	3	3	150	Fair and clear.
29	29°03	29°00	43°	41°	38°	51°	250	218	89	83	SW	8	SW	10	9	6	110	Stormy day.
Means	29°68	29°68	47°	45°	40°	54°	268	265	81°	84°	—	—	—	—	7°2	6°8	5°130	

LAUDALE.

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

SEPTEMBER 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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.	53°	50°	43°	59°	in.	in.	75	72	SE	2	Calm	0	2	10	ins.	
1	30°11	30°02	53°	50°	43°	59°	309	323	75	72	SE	2	Calm	0	2	10	ins.	
2	29°85	29°55	57°	54°	51°	58°	341	381	73	89	SE	6	S	7	10	10	620	Dull till 1p. ☉ p. K 8.20p.
3	39	40	58°	56°	53°	60°	403	386	82	84	S	3	S	2	9	9	550	☉ showers all day.
4	32	35	55°	57°	55°	58°	425	383	96	82	S	4	S	2	10	9	450	☉ showers all day.
5	40	49	53°	50°	50°	59°	384	335	93	93	SE	2	Calm	0	9	2	040	☉ showers all day.
6	55	61	55°	49°	44°	59°	372	318	83	91	SE	1	Calm	0	9	6	080	☉ showers. Fine evening.
7	62	70	58°	54°	49°	64°	362	382	75	91	Calm	0	Calm	0	8	9	—	
8	62	40	54°	54°	50°	56°	355	353	83	84	SE	4	SE	1	10	9	510	☉ a. Dull day, with ☉. Squally
9	36	46	52°	52°	48°	55°	408	310	79	80	WSW	1	W	5	10	10	610	☉ (mist) a. and p. ☉ showers all day.
10	53	48	52°	49°	47°	56°	309	297	79	85	W	3	W	1	8	4	370	☉ showers all day.
11	55	66	51°	52°	46°	57°	335	313	88	81	W	2	W	2	10	10	1830	☉ (mist) a. and p. Dull day, with ☉ showers.
12	24	24	57°	54°	50°	63°	414	333	89	78	S	7	W	8	10	10	1350	☉ all day. Bar. 29°12 4.30p. [when storm broke out and bar. rose. < p.
13	47	67	53°	55°	40°	56°	312	328	75	75	W	9	W	8	9	10	160	☉ a. ☉ showers all day.
14	64	56	55°	55°	53°	61°	325	374	75	84	W	1	SE	1	10	10	270	☉ (mist) a. and p.
15	47	52	54°	51°	50°	56°	382	335	90	86	S	3	W	1	10	10	640	☉ (mist) a. and p. Dull all day.
16	29°64	29°87	53°	53°	48°	57°	319	358	77	80	W	4	W	1	6	10	330	☉ (mist), with ☉ showers, all day.
17	30°00	30°03	53°	47°	46°	57°	351	316	86	98	Calm	0	Calm	0	9	5	—	Dull a. Fine day.
18	30°02	29°83	49°	53°	40°	56°	335	282	91	80	E	2	S	5	8	10	400	Much cirrus a. ☉ (mist) 9p.
19	29°43	73	54°	50°	49°	56°	335	282	79	79	S	6	W	6	10	3	860	☉ (gale), with ☉ showers most of all day. Wind S. till 7p. [day
20	29°82	29°70	50°	49°	48°	52°	309	322	85	93	W	3	NW	3	10	9	440	☉ all day. Wind S. till 7p. [day
21	30°03	30°08	51°	53°	46°	55°	283	352	76	87	NW	3	NW	5	7	10	350	☉ a. ☉ showers all day.
22	04	29°90	55°	54°	52°	57°	366	382	82	89	W	5	W	5	10	10	400	☉ (mist) ☉ all day.
23	01	30°06	51°	47°	47°	55°	318	279	84	84	NNW	4	NW	3	6	10	180	Squally, with ☉ showers, all day.
24	03	29°97	51°	45°	44°	51°	209	269	73	88	NW	4	N	1	8	10	140	Squally, with ☉ showers, all day.
25	04	30°01	44°	41°	40°	49°	244	213	84	83	NNW	4	ENE	3	6	10	100	☉ showers all day. Very cold.
26	06	30°09	44°	38°	36°	53°	249	210	82	92	N	3	Calm	0	4	1	—	Slight snow on hill tops.
27	30°05	29°96	37°	46°	32°	49°	210	249	93	78	Calm	0	W	2	7	10	020	Dull from 10. ☉ 9p.
28	29°75	54	48°	49°	44°	53°	305	213	88	88	S	4	WSW	2	9	10	700	Dull a. ☉ p
29	29°64	29°62	48°	40°	46°	53°	266	265	77	82	WSW	2	W	2	4	10	1050	☉ showers all day.
30	28°96	28°99	51°	46°	43°	53°	306	261	84	82	SW	3	W	4	8	10	870	☉ (gale) 10.-30., when wind shifted to SW. Squally, with ☉ showers, all day.
Means	29°680	29°682	52°	51°	47°	56°	327	319	82°7	84°9	5°2		2°7	8°2	8°4	13°410		

ROTHESAY.

Height above Mean Sea Level, 115 feet. Long. 5° 4' W. Lat. 55° 50' N.
SEPTEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	54.3	53.5	43.3	60.1	in.	in.	72	78	E	Calm	—	—	ins.	Fine and breezy.
2	30.13	30.05	54.3	53.5	43.3	60.1	34.6	34.6	76	84	ENE	E	—	—	—	Dull, with ☉.
3	29.87	29.54	53.0	54.0	49.3	55.5	30.8	30.8	94	98	SE	SE	—	—	—	Dull, with ☉.
4	42	44	55.2	54.5	51.3	65.1	433	444	99	98	SE	SE	—	—	—	☉ showers.
5	35	40	58.1	54.0	53.5	61.3	456	394	94	94	SSE	SW	—	—	—	Fine day.
6	42	52	57.7	48.3	47.8	64.1	443	318	93	95	SE	Calm	—	—	—	Fine day.
7	59	64	56.0	48.0	45.8	62.4	386	334	86	94	W	Calm	—	—	—	Dull, with ☉.
8	64	73	51.0	55.0	47.5	65.3	341	349	91	81	NE	Calm	—	—	—	Dull a. p.
9	68	47	52.8	46.6	46.3	55.5	383	313	95	99	SE	Calm	—	—	—	☉ showers.
10	43	56	52.0	49.5	45.8	58.0	340	321	87	91	WSW	W	—	—	—	☉ showers.
11	61	54	47.5	49.5	46.5	58.0	302	311	93	89	WSW	W	—	—	—	☉ showers.
12	61	74	54.0	51.0	40.8	59.7	344	325	82	87	W	SW	—	—	—	☉ showers.
13	33	37	55.2	54.3	48.8	63.1	433	349	99	83	S	SW	—	—	—	☉ showers.
14	58	79	54.6	54.8	50.3	58.2	322	316	76	74	SW	SW	—	—	—	☉ showers.
15	68	62	54.0	55.0	50.3	60.6	352	412	84	95	SSW	SW	—	—	—	☉ showers.
16	53	59	52.3	51.0	50.3	55.0	390	353	99	94	E	SW	—	—	—	☉ showers.
17	29.73	29.05	53.0	50.5	47.3	59.6	352	334	87	91	SW	Calm	—	—	—	☉ showers.
18	30.01	30.04	53.2	44.3	42.5	62.1	377	277	93	96	E	NW	—	—	—	☉ showers.
19	30.05	29.89	53.8	53.2	40.3	60.1	350	369	84	95	SSE	SSW	—	—	—	☉ showers.
20	29.49	29.80	54.3	49.3	48.6	57.6	378	281	90	80	W	NW	—	—	—	☉ showers.
21	29.89	29.60	52.8	53.5	48.3	58.5	306	387	76	95	SW	NW	—	—	—	☉ showers.
22	30.08	30.18	53.2	53.0	44.3	57.5	306	327	75	81	WSW	SW	—	—	—	☉ showers.
23	12	00	50.0	54.0	51.8	58.0	329	347	73	83	SW	SSW	—	—	—	☉ showers.
24	05	30.10	53.0	48.0	46.3	57.0	277	299	69	87	W	WSW	—	—	—	☉ showers.
25	06	29.97	46.1	41.3	41.3	52.9	291	247	93	96	NW	NW	—	—	—	☉ showers.
26	03	29.97	45.3	39.1	37.3	53.2	250	200	83	84	NW	NNW	—	—	—	☉ showers.
27	03	30.09	45.1	40.6	34.9	55.8	217	208	73	83	N	N	—	—	—	☉ showers.
28	30.06	29.99	46.3	46.4	32.4	50.5	235	250	75	80	Calm	SW	—	—	—	☉ showers.
29	29.82	29.57	50.8	48.0	43.6	53.4	325	327	87	98	SSW	Calm	—	—	—	☉ showers.
30	68	70	50.3	45.1	44.3	55.6	288	279	79	93	NW	Calm	—	—	—	☉ showers.
Means	29.734	29.731	52.4	49.7	45.5	58.5	338	319	85.1	88.8	—	—	—	—	8.564	—

PINMORE.

Height above Mean Sea Level, 187 feet. Long. 4° 49' W. Lat. 55° 12' N.
SEPTEMBER 1885.

1	30°13	30°08	55°9	54°3	32°0	61°1	*320	*324	72	78	SE	3	S	4	0	10	—	
2	29°87	29°56	53°7	56°7	51°0	56°9	*296	*376	72	82	SE	4	S	4	10	10	*360	
3	48	50	59°4	56°0	54°9	63°6	*373	*408	74	91	Calm	0	S	3	6	10	*460	
4	43	45	56°7	55°9	55°0	63°1	*442	*409	66	92	S	4	Calm	0	10	10	*040	
5	43	58	58°5	46°5	46°5	61°4	*403	*286	83	91	S	3	Calm	0	7	6	*120	
6	64	66	53°9	47°4	42°4	62°7	*373	*310	90	95	Calm	0	Calm	0	8	8	*040	
7	62	76	58°6	50°6	47°4	64°1	*402	*343	82	93	SE	3	Calm	0	10	8	*060	
8	73	51	54°1	48°6	41°4	57°1	*370	*322	88	95	S	4	Calm	0	10	8	*730	
9	52	65	53°4	49°8	46°2	57°1	*332	*302	82	85	SW	4	W	4	10	8	*070	
10	67	59	51°0	44°7	44°1	57°2	*270	*253	72	86	SW	3	Calm	0	10	4	*030	
11	66	80	52°8	49°0	38°4	59°1	*340	*312	85	99	W	3	Calm	0	6	10	1230	
12	43	48	57°0	53°9	48°2	60°2	*437	*351	94	85	S	4	NW	4	10	10	*240	
13	70	89	53°9	50°6	50°1	60°3	*313	*296	76	80	NW	3	Calm	0	4	0	*030	
14	74	67	53°7	60°0	48°4	60°1	*370	*488	89	95	S	3	SW	3	10	10	*300	
15	58	29°65	58°5	59°6	49°6	60°0	*463	*494	95	97	S	4	Calm	0	10	10	*450	
16	29°82	30°00	52°9	45°5	45°3	61°6	*318	*289	80	95	SE	4	Calm	0	5	4	*050	
17	30°03	30°07	49°6	45°0	34°5	61°2	*332	*292	94	98	Calm	0	Calm	0	4	0	*700	
18	30°09	29°94	46°0	57°0	36°5	59°1	*304	*422	98	91	Calm	0	S	3	10	9	*010	
19	29°61	29°90	53°9	49°9	49°6	60°1	*381	*289	92	82	NW	4	NW	3	10	10	*350	
20	29°97	29°72	52°6	54°9	49°1	60°1	*294	*393	74	92	Calm	0	W	8	10	10	*110	
21	30°11	30°20	50°2	50°8	48°2	59°1	*298	*292	85	79	Calm	0	Calm	0	8	6	—	
22	19	10	55°0	53°2	50°1	55°1	*339	*334	79	83	Calm	0	NW	3	10	10	*050	
23	12	17	57°4	49°9	48°5	57°6	*337	*301	71	85	NW	3	NW	1	4	10	*100	
24	11	30°02	49°8	45°9	45°3	54°1	*263	*251	74	82	NW	4	N	3	8	3	—	
25	03	29°99	46°0	40°6	40°6	56°1	*240	*206	78	82	N	3	N	1	10	2	—	
26	03	30°10	46°9	33°4	29°5	53°7	*240	*171	76	89	N	3	Calm	0	2	0	—	
27	30°10	30°05	31°0	42°0	24°4	56°2	*161	*241	93	91	Calm	0	Calm	0	0	10	1°000	
28	29°88	29°56	50°6	50°2	41°4	53°6	*289	*348	78	96	Calm	0	Calm	0	10	10	*730	
29	64	77	49°3	44°0	43°4	53°1	*394	*259	87	90	N	3	Calm	0	4	10	*250	
30	29°12	29°20	54°5	43°6	43°4	56°7	*374	*259	88	90	S	4	NW	3	10	10	—	
Means	29°782	29°787	52°6	49°7	44°2	58°7	*333	*321	83°2	88°7	—	—	—	—	1°6	7°5	7°5	7°570

Meteors seen.

Very stormy n. ✱ ▲. K 330p.

035 035
15.79 19.72

SCALEBY (NEAR CARLISLE).

Height above Mean Sea Level, 111 feet. Long. 2° 52' W. Lat. 54° 58' N.
SEPTEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	49.6	36.9	63.7	in.	in.	72	80	E	2	N	3	0	10	ins.
2	30.13	30.07	53.0	49.6	36.9	63.7	290	283	72	80	E	2	N	3	0	10	—
3	29.91	29.59	53.5	56.5	47.9	57.2	286	401	70	88	SE	6	SE	5	10	10	130
4	46	50	59.5	51.5	48.9	66.7	431	331	86	87	SW	2	Calm	0	10	0	—
5	44	42	59.5	54.5	49.9	68.7	365	345	72	82	S	4	S	2	3	10	030
6	40	51	53.5	53.5	49.9	64.7	384	384	94	94	E	1	SE	3	10	10	240
7	60	65	56.5	48.0	40.9	64.7	374	301	82	90	W	1	Calm	0	7	10	020
8	59	71	54.5	50.5	47.4	66.2	334	338	76	93	E	2	E	3	10	0	—
9	71	44	54.5	52.5	47.4	62.7	393	370	93	94	S	2	SW	2	8	10	230
10	48	60	54.5	50.5	47.4	59.7	321	295	76	81	SW	5	SW	5	10	0	100
11	64	57	52.5	46.5	45.9	59.7	319	295	81	94	SW	4	Calm	0	5	4	010
12	60	79	46.0	49.5	36.4	59.7	289	330	94	94	Calm	0	W	1	8	0	510
13	49	44	51.5	54.5	47.4	61.7	357	345	94	82	SW	5	SW	4	10	0	1200
14	60	78	56.5	52.5	41.4	61.7	324	319	71	81	SW	7	SW	4	8	0	—
15	75	63	53.5	51.5	49.9	61.7	357	480	87	89	SW	1	SW	5	10	10	240
16	66	61	54.5	54.5	53.9	67.2	443	399	73	94	SW	3	SW	5	9	10	100
17	81	29.97	56.5	50.5	49.9	60.7	335	319	74	87	SW	6	Calm	0	7	2	—
18	29.99	30.00	57.5	49.5	44.5	64.2	302	352	77	99	Calm	0	Calm	0	3	10	100
19	30.02	29.98	49.5	49.5	38.9	60.7	318	330	91	91	Calm	0	Calm	0	0	10	150
20	29.55	91	50.5	49.5	47.9	59.7	357	261	98	75	SE	6	SW	2	10	0	030
21	29.94	30.66	51.5	59.5	46.9	59.7	331	447	87	89	SW	3	SW	5	9	10	430
22	30.10	30.21	51.5	49.5	42.9	60.7	284	283	75	81	SW	4	SW	2	9	4	—
23	19	08	53.0	54.5	48.9	60.7	308	345	76	82	SW	3	SW	5	10	9	010
24	05	30.11	53.0	49.0	48.7	61.0	364	288	90	83	SW	2	SW	4	10	3	040
25	30.04	30.95	48.0	40.5	40.5	50.9	260	233	78	93	NW	3	SW	3	10	2	020
26	29.95	29.94	45.0	34.5	33.9	52.7	236	182	79	91	NE	4	Calm	0	3	8	—
27	29.95	30.03	39.5	36.3	30.1	47.7	204	200	85	94	N	1	E	2	10	0	150
28	30.02	30.01	40.5	34.5	28.1	49.7	214	197	85	99	Calm	0	Calm	0	0	4	—
29	29.90	29.61	44.5	49.5	32.9	53.7	231	330	79	94	SE	4	S	6	10	10	400
30	65	76	52.5	43.5	41.9	58.7	344	240	87	85	W	2	Calm	0	3	10	250
31	29.15	29.19	50.5	45.5	42.9	54.7	344	284	94	94	SW	6	SW	3	10	2	410
Means	29.760	29.757	52.3	49.4	43.7	60.1	325	317	82.5	88.8	3.0		2.4	7.4	5.6	4.800	

CRONKBORNE (DOUGLAS), ISLE OF MAN.

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

SEPTEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	50.3	52.1	50.8	ins.	ins.	91	91	E 4-5	E 3	10	10	ins.	Overcast all day. [a. Overcast day.
2	29.79	29.55	54.9	58.6	51.8	58.6	371	480	87	97	ESE 6-7	SSE 4	10	10	5.65	☁ (mist) before 9a. Squally ☁
3	47	46	58.8	57.3	56.0	62.4	461	455	93	97	SSW 4	S 4-5	7	8	0.020	Fine day. Squally ☁ (force 6) p.
4	42	43	58.3	55.3	55.3	61.9	466	429	90	98	S 4-5	SSE 2	9	4	0.008	☁ a. Fine day. ☁ p.
5	39	52	50.7	53.8	52.0	58.3	442	391	96	94	Calm 0	WNW 3	9	4	0.212	☁ till 1p.
6	60	59	59.2	55.3	45.1	62.3	445	426	89	97	SW 1	E 2	4	4	0.043	☁ a. Fine day.
7	56	71	57.6	55.6	54.2	62.4	445	404	93	91	E 2	NNW 2	10	1	0.490	☁ (mist) a. Dull day. ☁ p.
8	73	50	55.6	53.0	44.2	56.8	388	391	87	97	WSW 3	W 2	10	2	0.490	☁ a. and p. Dull a. ☁ p.
9	56	69	55.0	51.2	48.6	58.8	403	350	93	93	W 5	W 5-6	4	4	0.020	Fine till 3p. then ☁ showers. Squally ☁ p.
10	70	55	55.0	45.6	45.6	58.1	389	292	90	96	W 4-5	NW 1	3	3	—	Squally ☁ a. and p.
11	66	81	53.0	52.8	42.5	59.2	371	361	92	90	NW 3	SW 2	3	10	1.338	☁ a. Fine day. ☁ at night.
12	49	54	57.2	56.9	50.8	60.4	464	432	99	93	SW 5-6	WSW 5	10	4	0.010	☁ (mist) a. Squally ☁ a. and
13	76	91	56.5	52.0	52.0	60.9	409	348	89	90	WSW 6	Calm 0	6	0	0.130	Squally a. Fine day. ☁ p.
14	73	70	53.2	58.0	47.4	59.2	397	467	98	97	S 2-3	WSW 3	10	9	0.265	☁ (mist). ☁ (force 6) p.
15	61	67	60.0	54.0	53.2	60.3	482	394	93	94	S 5-6	WSW 2	10	2	0.358	Squally ☁ (force 7). ☁ (mist).
16	87	20.07	57.0	49.0	49.0	59.8	346	340	74	98	WSW 4-5	Calm 0	4	2	—	Very fine. ☁ p.
17	20.98	30.02	58.0	51.0	40.8	61.1	401	364	83	97	SW 1	WNW 2	5	7	0.116	☁ a. Fine till noon, then ☁ till 3p.
18	30.03	29.96	55.6	54.0	43.5	59.8	374	380	84	91	SW 2	S 3	8	4	0.726	☁ a. and p. Fine during day.
19	29.63	29.90	57.6	51.0	51.0	59.2	429	294	90	70	WSW 5-6	SSE 2-3	7	2	—	☁ at night.
20	29.07	29.76	55.0	59.0	48.1	59.0	344	493	80	99	WSW 2	WSW 3	9	10	0.184	Squally ☁ (force 8) ☁ a.
21	30.13	30.25	54.4	51.5	47.0	59.8	307	327	72	85	NW 4	SW 3	7	10	—	Dull a. Squally ☁ (force 7 to 8) ☁ p.
22	31	30	55.6	54.0	49.4	58.0	344	388	77	93	WSW 4-5	SW 4	6	10	—	Fine day. ☁ p. ☁ (mist) 9p.
23	11	16	52.3	51.2	48.9	57.2	347	297	88	70	NW 5-6	WNW 4	6	8	—	☁ a. Fine a. Cloudy p. ☁
24	30.12	30.01	51.6	46.0	42.4	53.3	387	287	75	93	WNW 5	WNW 4	6	7	0.258	Squally ☁ a. Fine day, with fresh
25	29.99	29.99	51.2	41.8	41.8	53.3	295	229	78	87	N 4	NW 4-5	8	7	0.268	☁ showers after 6p. breeze.
26	29.99	30.05	47.8	41.0	36.8	51.2	241	210	73	86	NNW 3	WNW 1	4	2	0.041	☁ showers. ☁ p.
27	30.03	30.01	49.3	42.0	33.3	53.5	223	249	64	94	Calm 0	N 2	0	6	—	Fine morning. ☁ showers p.
28	29.99	29.61	52.0	55.6	41.4	55.6	287	434	74	98	SW 3	SW 4	10	10	—	☁ a. Fine day.
29	69	77	52.5	43.0	42.0	55.6	337	266	85	96	NW 5	N 2	4	10	0.430	☁ p.
30	29.15	29.24	50.8	46.1	41.2	56.8	423	264	91	85	SW 5-6	WSW 4-5	10	4	0.278	Squally ☁ ☁ a. and p.
Means	29.778	29.781	55.0	51.7	46.9	58.3	376	362	85.7	92.5	3.7	2.8	7.0	5.8	6.274	

STONYHURST.

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

SEPTEMBER 1885.

1	30.15	30.11	54.5	52.0	43.1	59.4	304	287	72	74	E 1	Calm 0	0	10	—	
2	29.92	29.64	51.0	50.3	47.3	57.0	281	415	76	91	E 1	S 2	10	10	0.390	☁ K during the evening.
3	54	58	50.8	53.2	51.8	65.1	418	345	82	85	S 2	Calm 0	10	0	0.090	Distant T. p. ☁ 4.30p. ☁ 5p. ☁
4	53	50	58.0	53.5	50.0	61.8	396	365	82	89	S 3	Calm 0	9	6	0.320	[during the evening.
5	46	58	57.3	51.3	50.9	59.0	385	331	81	88	Calm 0	WSW 1	10	0	0.185	
6	65	68	53.1	55.1	46.2	63.2	375	307	93	71	Calm 0	Calm 0	10	9	0.109	
7	59	70	54.8	54.2	52.8	61.8	377	356	87	84	NE 1	N 1	10	10	0.016	☁ a.
8	78	53	56.0	54.1	41.2	60.0	389	389	87	93	Calm 0	SSW 1	10	10	0.380	☁ 2 ☁ 6p.
9	58	71	55.0	51.8	46.8	58.8	306	207	71	77	W 4	W 2	8	4	0.110	
10	75	58	55.0	49.9	42.9	57.5	328	289	76	82	S 3	Calm 0	10	10	—	
11	65	86	53.0	50.8	44.8	57.5	259	294	65	79	NNW 2	W 1	8	0	0.400	☁ 6.45p.-8p.
12	65	58	52.0	58.0	48.2	62.2	356	430	92	89	S 4	SW 5	10	10	0.577	
13	85	98	57.5	51.9	42.0	60.9	339	330	72	86	SW 4	SW 1	10	0	0.085	
14	81	78	52.2	61.0	46.4	61.2	356	473	91	89	Calm 0	SW 2	10	9	0.720	
15	74	29.73	64.1	55.3	54.0	65.9	467	416	79	95	S 4	SW 2	10	10	0.278	
16	29.95	30.04	57.0	50.0	48.2	60.1	333	315	71	87	SW 3	Calm 0	7	6	—	
17	30.02	30.04	56.1	51.0	43.3	62.5	340	327	76	87	Calm 0	Calm 0	9	10	—	
18	30.07	30.06	51.0	48.1	42.4	60.3	323	306	86	91	Calm 0	Calm 0	0	6	0.270	☁ early a.
19	29.72	29.95	52.0	52.0	42.0	59.5	345	287	89	74	S 5	W 1	10	10	0.670	
20	30.04	29.83	54.1	56.9	43.2	60.5	288	422	69	91	WSW 2	SW 3	10	10	0.110	
21	14	30.30	53.0	46.9	42.9	57.5	245	258	61	81	NW 2	Calm 0	5	8	—	
22	28	17	51.6	50.6	43.0	60.0	313	332	81	90	WSW 1	Calm 0	7	9	0.115	☁ during the evening.
23	11	30.17	55.8	49.1	41.1	57.0	404	276	91	79	W 3	W 1	10	10	0.105	
24	30.10	29.99	50.0	46.0	43.7	56.8	265	227	74	74	WNW 2	WNW 1	10	10	0.113	☁ p.
25	29.96	29.97	45.9	42.0	34.7	54.4	223	186	72	71	N 1	N 1	10	0	—	
26	29.96	30.00	42.0	41.8	32.3	52.9	225	204	85	79	Calm 0	N 1	6	6	0.015	☁ in past a.
27	30.02	30.04	45.1	41.8	35.8	53.0	211	177	70	67	NNE 2	Calm 0	0	0	—	☁ in past a.
28	29.99	29.75	42.1	49.3	34.6	54.2	224	292	84	82	Calm 0	SW 2	10	10	0.419	
29	71	82	52.2	44.4	42.1	56.2	333	250	85	86	W 2	Calm 0	10	3	0.095	
30	29.35	29.32	50.2	44.1	41.2	56.2	307	258	85	89	S 6	SW 2	10	10	0.540	☁ during the evening.
Means	29.835	29.834	53.0	50.7	44.0	59.1	324	315	79.5	83.3	1.9	1.0	8.3	6.9	5.512	

WAKEFIELD.

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

SEPTEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	49.6	46.2	62.4	ins.	ins.	91	91	E 2	E 2	3	4	ins.	Fine and bright all day.
2	29.97	29.66	53.8	56.6	45.0	57.6	329	456	79	100	E 3	E 2	10	10	4.00	
3	53	56	61.6	54.8	51.9	63.8	440	364	82	84	S 2	S 2	7	5	0.030	T 1p. ☁ 1p.-3p., then dull till 5p.
4	53	49	60.8	54.8	45.2	65.6	397	396	76	92	S 4	S 1	1	4	0.010	
5	46	54	59.7	53.8	43.5	64.2	386	353	76	85	SW 2	SW 2	8	0	—	Fine and bright from 9a.
6	65	69	61.6	45.8	45.8	65.4	342	302	62	98	SW 2	SW 2	4	3	0.020	Fine and bright all day.
7	58	68	53.8	54.6	45.1	59.0	404	421	97	99	N 1	N 1	10	7	0.310	☁ showers 9a.-6p.
8	74	56	58.5	54.0	43.2	62.7	388	407	80	97	N 2	E 2	8	10	0.190	
9	55	68	56.7	50.6	48.9	59.8	328	339	72	92	SW 5	NW 2	10	8	0.100	
10	76	54	55.0	51.8	48.7	61.8	334	323	77	83	W 5	W 2	2	5	0.050	Fine all day.
11	61	85	54.6	50.8	47.9	60.6	308	334	73	99	W 3	W 4	6	4	0.110	Fine most of day.
12	69	55	52.8	62.1	49.2	64.2	385	494	96	89	S 6	S 8	10	8	0.010	Rough and wild in past n. and during day.
13	83	96	59.2	53.8	53.0	64.8	362	348	72	83	W 8	SW 2	4	0	0.030	Rough and wild in past n. and till aft.

BUXTON.

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

SEPTEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	46.7	44.6	60.0	29.6	28.4	74	89	E 1	Calm	6	5	—	Fine and warm. ☁ (mist) op.
2	30.14	30.12	49.7	54.9	39.9	55.2	30.4	42.2	86	98	S 1	Calm	10	10	—	☁ all day. ☁ ² p.
3	30.14	30.12	52.2	50.7	48.3	60.6	33.3	33.9	85	92	SSW 1	Calm	8	1	—	☁ showers. ☁ ² 1.30p. ☁ ² 6.10p. ☁
4	30.14	30.12	55.8	47.1	43.8	61.5	36.9	31.7	83	98	Calm	Calm	5	1	—	☁ showers. ☁ ² at night.
5	30.14	30.12	53.4	48.3	44.6	57.2	36.4	32.1	89	95	Calm	Calm	10	3	—	☁ showers. ☁ ² at intervals.
6	30.14	30.12	58.8	48.2	43.1	64.7	37.1	31.9	75	96	Calm	Calm	3	10	—	Overcast p. ☁ op.
7	30.14	30.12	50.9	51.2	44.0	59.3	35.2	36.4	95	97	Calm	Calm	10	2	—	Overcast, with ☁ showers. ☁ ² [☁ ²]
8	30.14	30.12	51.4	52.6	47.2	60.7	36.6	38.8	96	98	Calm	W 1	10	10	—	☁ (mist) ga. Overcast all day. ☁
9	30.14	30.12	51.5	47.0	44.9	53.5	26.3	27.5	70	86	W 1	W 2	8	1	—	☁ showers. ☁ ² at intervals.
10	30.14	30.12	52.6	48.6	44.9	60.2	28.8	32.4	73	95	W 1	Calm	7	10	—	Bright morning. ☁ p.
11	30.14	30.12	48.5	46.6	45.0	57.3	28.0	28.5	83	90	W 1	Calm	7	10	—	Overcast, with ☁, during day.
12	30.14	30.12	49.9	57.0	46.2	59.5	34.6	45.3	97	97	Calm	W 9	10	10	—	Overcast day. ☁ ² ☁ ² p.
13	30.14	30.12	56.7	49.1	48.1	60.3	30.7	30.7	87	89	SW 2	SW 1	3	1	—	Fine day. ☁ at night.
14	30.14	30.12	48.7	60.0	45.4	62.5	30.8	47.7	90	93	W 1	Calm	10	10	—	Overcast, with ☁, all day.
15	30.14	30.12	60.2	55.7	46.9	67.1	44.3	41.6	85	94	S 2	SW 2	7	10	—	—
16	30.14	30.12	56.0	51.3	48.4	62.4	32.8	34.2	73	90	SSW 1	S 1	4	3	—	Fine day.
17	30.14	30.12	52.9	51.6	38.0	65.0	32.4	35.1	81	92	Calm	Calm	4	8	—	Overcast a. Fine p.
18	30.14	30.12	51.8	43.6	43.3	63.3	32.8	27.2	85	96	Calm	Calm	5	7	—	Overcast a. Fine p.
19	30.14	30.12	48.7	50.7	42.9	57.7	31.6	30.7	92	83	NW 1	NW 1	10	5	—	—
20	30.14	30.12	52.0	55.5	44.7	62.5	28.1	38.8	73	88	W 1	W 1	6	10	—	Fine, but windy in afternoon.
21	30.14	30.12	50.3	40.9	40.3	61.8	25.6	24.5	71	96	NW 1	NW 1	5	1	—	Fine day. ☁ (mist) op.
22	30.14	30.12	50.4	52.4	35.5	62.4	27.8	34.0	77	86	Calm	Calm	4	10	—	Fine day.
23	30.14	30.12	49.7	44.9	44.5	57.5	32.8	25.4	92	86	W 1	NW 1	3	8	—	☁ a. Fine afternoon.
24	30.14	30.12	46.3	46.3	40.4	57.9	27.2	28.8	88	92	Calm	NW 2	9	4	—	☁ p. ☁ (mist) op.
25	30.14	30.12	42.7	37.2	36.6	47.2	22.4	20.1	82	90	Calm	Calm	8	5	—	☁ showers.
26	30.14	30.12	37.3	39.0	30.0	54.8	20.1	21.6	91	91	Calm	Calm	10	8	—	☁ (mist) ga. Fine day. ☁ at night.
27	30.14	30.12	44.9	34.0	32.4	48.7	21.6	17.9	73	91	Calm	Calm	5	1	—	Fine day. ☁ at night.
28	30.14	30.12	46.4	45.9	28.8	50.6	21.8	28.0	70	92	Calm	W 1	8	10	—	Overcast most of day.
29	30.14	30.12	48.9	37.7	37.3	56.1	23.5	21.4	95	95	NW 1	NW 1	4	1	—	Fine day.
30	30.14	30.12	43.5	43.5	35.4	54.8	23.7	23.7	84	84	Calm	SW 2	10	10	—	☁ ² p. ☁ at night.
Means	29.850	29.845	50.5	47.9	41.8	58.7	30.4	31.3	82.5	92.0	0.5	1.0	7.1	5.9	6.333	

HILLINGTON, NORFOLK.

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

SEPTEMBER 1885.

1	30.15	30.15	58.4	44.9	41.9	64.4	28.8	29.0	58	98	E 1	NE 0.5	3	0	—	Very fine and sunny, and very clear. ☁ ² p.
2	30.15	30.15	58.7	56.2	39.9	63.5	36.7	39.1	75	87	SE 6	SE 5	9	10	—	☁ ² early a. ☁ op.
3	30.15	30.15	61.7	54.8	53.9	70.8	48.2	38.8	88	90	SW 4	SW 0.5	10	0	—	Distant ☁ ² 5p.—6p. ☁ ² .
4	30.15	30.15	61.8	51.2	49.1	67.5	42.1	36.6	77	98	SW 3	SW 1	8	2	—	—
5	30.15	30.15	58.9	53.5	48.1	66.0	44.1	36.2	90	89	SW 2	NW 0.5	8	0	—	☁ early a. and p.
6	30.15	30.15	57.7	57.0	46.2	67.6	39.4	39.7	83	85	SW 1	W 0.5	7	10	—	Fine day. ☁ p.
7	30.15	30.15	55.0	53.5	50.1	68.4	39.7	38.6	92	95	S 1	NE 0.5	10	5	—	☁ ² 8p.
8	30.15	30.15	55.0	54.0	43.0	65.4	39.7	37.7	92	90	W 2	W 0.5	10	10	—	Very fine and sunny. ☁ ² 10.45p.
9	30.15	30.15	57.4	50.1	49.8	62.9	34.0	28.3	72	78	NW 6	W 3	4	4	—	☁ ² till 11.30a.
10	30.15	30.15	57.3	52.9	45.7	64.4	34.0	36.7	73	92	NW 3	E 1	4	10	—	☁ ² 9.45a.—11.45a. ☁ ² p.
11	30.15	30.15	51.8	51.0	50.3	59.8	35.1	32.2	91	86	NE 3	NE 1	10	0	—	Fine and sunny. ☁ p.
12	30.15	30.15	53.4	59.6	45.1	61.0	35.1	40.1	86	78	SE 5	SW 8	10	10	—	Very fine and sunny.
13	30.15	30.15	59.2	51.9	51.2	63.9	34.4	32.9	69	85	W 5	W 1	3	5	—	☁ ² p.
14	30.15	30.15	55.3	61.5	45.0	67.4	41.6	39.4	95	73	SW 4	SW 4	10	10	—	Very fine and sunny.
15	30.15	30.15	64.8	58.7	58.2	76.8	49.8	40.0	82	82	SW 4	SW 5	1	3	—	☁ ² p.
16	30.15	30.15	56.9	53.7	52.1	65.6	39.9	38.1	86	92	SW 3	SW 0.5	9	10	—	Fine day. ☁ ² p.
17	30.15	30.15	55.0	52.0	52.0	59.2	41.2	38.2	95	99	NW 0.5	NW 0.5	10	7	—	Fine and sunny. ☁ p.
18	30.15	30.15	58.7	49.9	43.6	64.6	40.3	33.3	82	93	NNE 3	N 1	5	3	—	—
19	30.15	30.15	52.8	53.4	48.8	57.1	39.5	34.8	96	85	SW 1	NW 2	10	6	—	—
20	30.15	30.15	55.4	57.6	40.5	58.5	34.2	38.6	78	81	SW 1	NW 2	4	10	—	Fine and sunny.
21	30.15	30.15	56.1	43.7	43.7	61.4	31.2	28.0	70	98	NNW 4	N 0.5	4	0	—	Very fine and sunny. ☁ ² p.
22	30.15	30.15	54.5	52.8	38.2	68.3	35.3	36.9	83	92	SW 2	SW 3	2	6	—	☁ ² a. Breezy. ☁ p.
23	30.15	30.15	58.5	53.0	51.3	65.5	43.4	30.8	89	76	W 5	W 1	10	10	—	☁ ² 6.45p.
24	30.15	30.15	52.5	41.4	41.2	57.7	28.7	24.5	73	95	NW 4	W 1	2	6	—	Very fine and sunny. ☁ ² p.
25	30.15	30.15	48.5	45.0	38.3	53.6	27.3	29.2	81	98	NW 4	N 5	7	10	—	Distant ☁ ² 4p. ☁ ² 5p.—11p. ☁ ² .
26	30.15	30.15	46.8	34.7	34.7	52.4	25.1	18.1	79	90	NW 4	N 0.5	1	0	—	Very fine and sunny. ☁ p.
27	30.15	30.15	45.6	45.0	32.1	54.3	28.5	28.5	94	95	NW 0.5	N 2	6	9	—	☁ (mist) early a. Very fine and sunny a. ☁ ² 2p.—3p.
28	30.15	30.15	48.5	45.2	39.2	56.3	29.6	23.1	88	77	N 3	SW 2	6	3	—	—
29	30.15	30.15	53.6	46.7	45.2	61.2	38.2	31.5	93	99	W 2	SW 0.5	10	3	—	☁ (mist) op.
30	30.15	30.15	54.1	51.4	45.3	59.4	32.8	31.5	78	83	SW 6	SW 4	10	3	—	☁ ² 4p.—5p.
Means	29.864	29.855	55.5	51.2	45.8	62.9	36.6	33.7	82.9	88.6	5.1	1.9	6.8	5.7	4.499	

UPPINGHAM.

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

SEPTEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	55.5	47.7	46.2	64.9	37.0	30.9	84	94	E by N 2	Calm	7	0	—	Bright sunshine all day.
2	30.14	30.14	51.7	55.0	43.2	57.2	35.7	42.4	93	98	SE 2	S by W 2	10	10	—	Overcast all day. ☁ from 10a.
3	30.14	30.14	58.0	53.6	53.6	66.8	44.2	33.9	91	82	sw by S 4	S by W 2	9	0	—	Gloomy a. ☁ ² T 1p.—1.30p. Very [fine from 3p.
4	30.14	30.14	50.4	51.6	50.0	67.8	42.2	33.5	84	88	S by W 5	S by W 2	7	0	—	T p. ☁ op.
5	30.14	30.14	59.5	52.1	49.5	64.6	42.4	34.2	84	87	SSW 5	Calm	3	8	—	T p. ☁ op.
6	30.14	30.14	57.5	52.7	48.8	65.6	41.4	37.0	87	93	W by S 1	Calm	1	1	—	☁ a. and p. Bright sun all day.
7	30.14	30.14	55.5	51.9	49.6	64.4	40.9	37.0	95	96	W by S 1	Calm	10	1	—	☁ till noon. ☁ 3p.
8	30.14	30.14	56.0	52.9	50.2	65.6	31.7	38.4	70	96	S by E 3	S by W 4	9	10	—	☁ (mist) a. Overcast day.
9	30.14	30.14	54.2	47.2	47.1	61.1	32.7	31.0	78	96	W by N 3	sw by W 2	10	0	—	Overcast, with ☁ showers 9a.—6p. [then ☁ ² .
10	30.14	30.14	54.8	52.1	45.3	62.1	34.8	38.2	81	98	SW 4	S 1	4	10	—	Sunny till 3p. ☁ ² (force 8), at [night].
11	30.14	30.14	49.0	48.4	45.8	59.0	31.5	30.3	91	89	NNW 4	NNW 1	10	1	—	Dull and gloomy, with ☁ a. Sunny p.

GELDESTON (BECCLES).

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

SEPTEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	57.2	49.0	41.3	60.7	in.	in.	57	87	NNW 2	Calm 0	3	0	ins.	D ² 10p.
2	30.14	30.16	57.2	49.0	41.3	60.7	in.	in.	57	87	SE 3	SE 3	9	10	5.00	3p. 7p.
3	30.05	29.82	59.0	60.1	37.8	62.7	330	394	66	76	SSW 1	WSW 1	10	0	—	
4	29.65	29.66	60.3	58.0	57.0	69.7	306	418	97	86	Calm 0	Calm 0	9	0	2.10	D ² 9a. O noon. 2.40p. 3.5p.
5	55	56	59.2	55.0	49.8	67.6	405	403	81	93	WSW 3	WSW 1	10	1	0.50	T ⁰ 6p. < 0 to NE. 9p. [T ⁰ .
6	57	72	58.2	58.3	49.2	68.0	404	441	83	90	W 1	SSE 1	7	9	0.50	O ⁰ 9a.
7	61	63	59.8	58.0	52.1	65.8	486	454	94	94	S 1	Calm 0	10	10	1.70	
8	73	72	58.0	57.1	54.9	65.7	415	345	86	74	WNW 1	WSW 1	10	10	2.90	
9	61	77	57.1	51.0	50.6	62.8	348	323	75	86	W 3	W 1	3	2	0.40	K ⁰ p.
10	83	61	56.0	55.9	48.0	62.9	319	391	71	87	W 3	WSW 1	7	10	2.020	O ⁰ 9a. 9 from 9.30p. till noon. O ⁰ p.
11	34	85	53.0	47.8	46.8	55.9	394	312	98	94	N 2	W 1	10	2	0.60	
12	92	29.75	54.0	59.8	45.8	60.4	329	395	79	77	SW 2	SW 5	10	9	0.10	D ⁰ 9p.
13	92	30.06	60.1	53.0	52.8	66.4	363	345	70	85	W 3	WSW 1	8	0	—	Fine day.
14	95	29.92	58.2	63.0	46.8	69.0	460	471	95	82	S 2	WSW 4	10	9	0.10	D ⁰ 9p.
15	29.92	29.81	62.2	64.3	56.0	73.3	459	466	82	78	SSW 2	WSW 4	1	0	0.10	
16	30.06	30.07	59.1	56.1	54.9	64.3	403	442	80	98	SW 1	SW 1	10	10	5.00	
17	29.95	29.97	53.2	53.0	52.1	56.6	397	400	98	99	ENE 1	Calm 0	10	8	1.50	
18	30.02	30.10	56.9	48.0	47.0	61.7	398	332	86	99	NNE 1	Calm 0	3	0	0.30	D ² 9a. 3p.
19	29.99	29.95	54.9	54.6	43.0	55.9	403	409	94	96	SW 1	WSW 1	10	5	1.70	8a. 11.30a.
20	30.08	29.99	55.1	58.0	44.8	62.7	371	388	85	80	W 1	SW 2	1	9	0.60	D ² 9a.
21	05	30.29	56.1	47.4	47.0	62.6	359	317	79	97	NW 2	Calm 0	2	0	—	D ² 9p.
22	34	21	56.9	55.0	42.1	66.9	392	427	85	99	SSW 1	SSW 1	0	1	—	Fine all day. D ² 9p.
23	15	30.10	61.0	56.1	51.6	65.7	436	427	82	94	WSW 2	N 1	10	10	1.00	O ⁰ 9a. O ⁰ 2.30p.
24	30.04	29.93	52.0	45.0	44.3	57.0	308	257	79	86	WNW 2	W 1	0	0	—	O ⁰ noon. D ⁰ 9p.
25	29.84	83	47.0	44.9	38.1	53.7	275	276	86	93	NNW 1	NW 1	8	10	3.40	D ² 9a. Lunar 8.30p. < 9p.
26	88	89	48.8	38.0	37.1	53.5	257	210	74	92	NW 2	Calm 0	1	0	0.10	D ² 9p.
27	88	91	38.4	41.1	31.8	54.7	232	256	100	99	WNW 1	W 1	10	5	0.30	3p. D ² 9p.
28	95	92	50.1	47.9	40.1	58.9	287	257	80	78	WNW 2	SW 1	1	10	1.90	
29	70	83	54.0	51.0	46.2	60.7	412	346	99	92	SW 1	E 1	10	10	0.10	D ⁰ 9p.
30	29.66	29.47	56.7	55.2	45.1	59.7	381	350	83	81	SW 2	WSW 3	10	0	0.10	
Means	29.870	29.869	55.8	53.2	46.8	62.4	376	366	83.7	89.0	1.7	1.3	6.8	5.1	5.150	

CHELTENHAM.

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

SEPTEMBER 1885.

1	30.13	30.08	55.8	55.5	50.3	64.0	342	305	76	70	SE 3	SE 5	9	4	0.20	Fine and pleasant.
2	29.89	29.64	54.6	60.9	49.0	61.3	409	500	96	94	SE 6	S 1	10	10	2.00	Dull and stormy, with 2.
3	59	62	62.0	56.0	53.0	68.4	453	419	82	93	SW 5	SW 4	4	0	—	Fine and bright.
4	55	53	60.5	55.6	54.2	66.8	412	406	79	92	S 5	SW 3	5	1	0.60	
5	54	63	58.8	53.6	53.5	64.5	433	409	88	100	SW 3	SW 1	10	0	1.70	2 showers.
6	66	67	58.1	56.8	45.3	67.8	425	374	88	81	W 3	SW 2	5	1	0.70	Fine and pleasant.
7	54	66	58.0	48.5	48.5	65.5	446	329	92	97	SE 1	SW 1	9	0	0.60	K ⁰ 2p.
8	81	63	59.8	58.5	46.5	63.5	421	444	82	92	W 2	W 4	5	10	1.20	Fine day. 2 6p.
9	71	87	57.6	54.2	50.5	61.0	390	297	66	71	W 5	W 4	8	0	0.50	
10	86	45	55.9	52.0	49.5	61.5	353	377	79	97	W 3	W 3	5	10	1.050	2 showers all day. 2 at night.
11	63	96	52.8	51.5	46.5	61.0	313	304	78	80	W 6	W 2	1	6	1.80	Fine day.
12	29.84	29.76	57.6	59.5	49.8	62.8	393	472	82	93	SW 8	SW 4	10	10	0.10	Fine day.
13	30.00	30.08	58.8	50.4	50.4	64.0	370	356	75	97	W 2	Calm 0	5	0	0.360	Very fine.
14	29.87	29.90	63.5	62.6	48.2	68.0	531	518	91	91	SW 6	SW 3	10	10	0.20	2 early a. Squally 9a. Fine after-noon.
15	29.84	29.80	62.0	60.9	59.5	74.0	495	505	84	95	S 5	S 6	3	10	0.10	Fine and bright.
16	30.05	30.03	58.4	55.3	54.0	65.2	413	399	84	91	SW 5	Calm 0	10	9	—	Fine and bright.
17	29.97	01	54.5	51.0	48.8	64.8	378	361	89	97	W 1	Calm 0	5	10	—	Bright a. Dull afternoon.
18	30.07	10	52.8	46.6	42.5	63.5	388	318	97	100	W 1	W 1	10	0	1.150	Dull a. Fine afternoon.
19	29.88	30.02	53.2	44.8	44.8	64.8	351	295	86	99	S 5	S 1	10	1	—	Very fine afternoon.
20	30.11	29.99	55.8	58.5	39.2	64.3	327	407	73	84	SW 1	SW 5	1	3	0.20	Very fine and bright.
21	16	30.31	55.6	44.2	44.0	63.1	330	286	75	95	N 4	S 1	2	0	—	Very fine. U.
22	32	21	58.8	58.0	39.8	67.5	373	410	75	85	S 2	W 1	0	10	0.10	Very fine.
23	19	18	59.0	53.5	53.1	63.4	449	396	90	97	Calm 0	W 1	5	10	0.10	
24	30.15	30.04	50.0	40.8	39.4	56.4	263	244	73	96	W 1	N 1	2	1	0.60	Fine, but cold.
25	29.93	29.96	46.0	44.5	37.2	52.2	266	264	87	90	NW 4	N 2	2	9	0.10	Fine, but cold.
26	92	29.98	43.0	31.0	30.4	47.6	242	174	87	100	NW 1	NW 1	9	0	0.20	Fine and bright. 2 at night.
27	29.96	30.03	44.0	33.8	29.2	50.2	236	194	81	100	N 5	Calm 0	10	0	—	Cold. All tender plants killed by the frost.
28	30.04	29.87	41.6	49.6	26.2	53.5	208	295	79	83	Calm 0	S 3	1	10	1.400	2 early a. Fine day.
29	29.71	84	55.3	54.4	48.4	59.8	415	412	95	97	SW 1	SW 1	8	5	0.10	Squally 9a. 2 p. Fine evening.
30	29.52	29.50	53.5	48.9	45.5	60.8	381	287	94	84	S 8	S 5	10	0	2.00	
Means	29.881	29.878	55.2	51.7	45.9	62.4	370	359	83.4	91.5	3.4	2.2	6.3	4.8	3.270	

CARMARTHEN.

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

SEPTEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	57.4	53.8	50.8	65.0	in.	in.	80	79	E 2	E 2	4	8	ins.	
2	30.11	29.95	57.4	53.8	50.8	65.0	374	317	80	79	SE 4	SW 2	8	10	1.040	
3	54	55	61.7	63.1	55.6	65.4	447	384	82	67	SW 3	SW 4	5	8	0.40	
4	51	47	62.7	53.6	53.6	64.2	434	397	77	97	SW 5	SW 2	6	8	1.150	
5	54	64	61.3	52.0	51.6	66.2	412	385	77	99	W 3	W 1	4	2	—	
6	65	60	55.4	58.3	49.1	67.2	430	425	98	88	E 1	S 1	8	6	1.100	
7	51	72	64.4	56.3	54.8	67.4	467	430	77	95	SW 1	W 4	0	8	0.50	
8	84	64	55.3	61.0	54.0	65.7	369	447	84	84	W 2	W 1	1	6	0.40	
9	74	90	57.4	51.8	48.2	61.6	312	340	66	88	W 6	W 3	3	6	0.90	
10	83	45	55.3	56.0	46.4	59.8	381	404	87	90	W 2	W 5	0	10	1.740	
11	76	94	54.0	51.0	44.4	61.6	315	345	75	92	NW 4	Calm 0	4	10	1.400	
12	29.77	29.82	57.7	54.8	51.0	60.7	467	409	98	95	SW 6	W 2	10	5	0.920	
13	30.00	30.03	57.9	52.8	50.8	62.8	377	379	79	95	SW 2	W 1	8	5	0.920	
14	29.81	29.85	60.4	59.9	52.1	61.3	526	512	100	100	SW 6	SW 4	10	10	1.350	Squally 9a.
15	29.79	29.86	62.5	53.2	52.8	65.5	470	397	84	98	S 4	W 1	8	2	0.300	
16	30.01	29.99	62.7	50.1	49.9	66.0	428	357	76	98	SW 3	Calm 0	5	2	—	
17	00	30.02	53.0	51.8	47.2	67.2	382	361	95	93	Calm 0	W 1	10	4	—	9a. 0p.
18	30.07	04	60.9	47.1	41.4	63.4	421	322	80	99	Calm 0	Calm 0	4	5	0.390	before 9a. 0p.
19	29.79	30.05	58.9	50.3	47.0	65.2	479	349	97	96	SW 5	W 1	10	6	—	Squally before 9a.
20	30.08	29.96	58.3	59.9	48.0	62.4	362	512	75	100	S 1	SW 2	9	10	1.120	
21	20	30.32	59.9	43.8	43.5	62.4	343	276	67	97	N 2	Calm 0	8	0	—	
22	30	20	46.9	57.2	36.4	60.2	295	459	93	98	Calm 0	SW 2	8	10	0.50	before 9a.
23	19	20	57.9	51.0	50.6	62.5	425	328	89	87	W 1	W 1	10	10	0.10	
24	30.19	14	52.8	46.4	44.3	56.3	299	264	75	84	N 3	NW 1	7	6	0.50	
25	29.98	00	51.4	41.0	39.3	55.6	292	235	77	92	N 2	NW 1	8	5	0.300	
26	29.93	00	45.3	37.8	37.3	51.4	259	211	86	93	Calm 0	Calm 0	2	0	—	
27	30.01	30.05	49.3	44.0	33.5	54.3	227	203	65	91	Calm 0	N 1	0	6	—	
28	30.02	29.75	39.6	56.3	32.2	56.8	223	454	92	100	E 1	SW 5	10	10	0.580	
29	29.75	81	53.8	44.9	44.3	59.2	415	296	100	99	N 1	Calm 0	10	10	0.320	
30	29.37	29.44	56.5	45.9	44.1	58.9	437	257	96	84	SW 2	Calm 0	10	0	0.280	Squally before 9a.
Means	29.867	29.867	56.2	52.0	46.9	61.9	383	366	84.1	92.5	2.4	1.6	6.3	6.3	7.010	

MARGATE.

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

SEPTEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	60.0	53.4	52.4	65.0	ins.	ins.	54	66	NE	1	NE	1	3	Bright and warm.
2	30.12	30.16	59.3	62.8	53.1	65.0	.373	.394	75	69	SE	1	E	1	8	☉ a. Very mild.
3	29.67	.72	61.0	57.0	56.1	70.0	.505	.412	95	88	S	1	S	1	6	—
4	.60	.61	62.3	55.1	51.8	66.8	.480	.378	86	87	S	1	SW	2	8	☉ before 9a. Dull day.
5	.61	.65	63.2	57.0	52.1	67.2	.381	.409	66	88	SW	2	SW	2	3	Very dull, with ☉.
6	.70	.74	60.0	55.0	51.1	68.8	.393	.406	76	94	W	1	W	1	4	☉ 9a. and 9p. Fine and bright.
7	.61	.63	60.2	57.8	52.1	68.0	.456	.451	88	93	W	2	Calm	0	9	Very dull, with ☉ showers.
8	.77	.81	55.8	56.3	55.1	65.0	.419	.370	93	81	W	3	W	3	10	Very dull, with ☉ showers.
9	.68	.78	58.0	54.4	53.1	63.7	.356	.285	74	67	NW	3	W	3	2	☉
10	.90	.89	58.4	57.2	49.1	64.6	.311	.400	64	85	SW	2	E	2	4	Dull, with ☉ showers.
11	29.39	.89	54.8	55.3	52.1	58.4	.370	.298	86	69	N	4	NW	3	10	☉ showers.
12	30.00	29.87	54.9	59.2	48.3	61.4	.346	.374	81	75	SW	3	SW	6	10	☉ p.
13	.00	30.13	59.0	54.9	54.1	63.7	.385	.393	77	92	SW	1	SW	2	7	Dull day. ☉ 9p.
14	30.07	30.01	62.0	59.0	49.4	65.8	.485	.424	88	86	S	2	SW	2	10	Fine day.
15	29.95	29.93	64.2	59.2	52.1	75.4	.469	.422	78	85	S	1	SW	2	0	Fine and warm.
16	30.11	30.11	58.8	53.9	53.1	61.5	.391	.373	79	90	SW	2	Calm	0	10	☉
17	29.91	29.98	57.2	57.0	53.1	58.0	.453	.433	97	93	E	1	E	2	10	Dull, with ☉.
18	30.02	30.09	57.8	52.1	51.3	61.0	.427	.346	89	89	N	2	Calm	0	10	Fine day. ☉ 9p.
19	.05	.01	56.8	56.6	48.1	57.7	.425	.443	92	97	N	2	SW	2	10	Dull, with ☉.
20	.13	.07	56.1	55.0	48.0	65.6	.379	.373	84	86	SW	1	SW	1	0	Beautiful after-glow.
21	.08	.35	62.0	53.5	51.0	62.7	.480	.348	87	84	WSW	2	Calm	0	10	Fine day. ☉ p.
22	.37	.28	58.7	53.1	44.3	67.0	.381	.381	78	94	W	1	S	1	0	☉ a. and p. Very fine day.
23	.21	30.15	61.4	59.0	50.9	68.0	.459	.443	85	89	SSW	2	SW	1	9	Fine morning. Dull afternoon.
24	30.07	29.99	52.8	51.3	50.9	59.6	.304	.254	76	68	N	1	NW	2	4	Fine and windy.
25	29.87	.84	47.2	47.9	45.4	53.8	.251	.263	78	79	NW	2	NW	3	6	☉ 4p. ☉
26	.87	.91	47.2	48.1	44.1	52.8	.251	.218	78	66	NW	1	N	3	1	Fine, but cold.
27	.90	29.94	45.0	47.0	41.4	50.7	.252	.275	84	86	NW	1	E	1	5	Fine, but cold.
28	.98	30.00	46.0	46.8	40.1	55.6	.287	.237	93	75	NW	2	W	2	8	Fine, but cold.
29	.75	29.85	55.4	54.1	45.1	64.0	.424	.378	96	90	SSW	3	Calm	0	10	Very dull, with ☉ showers.
30	29.72	29.56	57.2	54.5	50.9	60.4	.374	.353	80	83	SSW	4	S	3	10	Stormy day. ☉ p.
Means	29.908	29.914	57.1	54.8	50.0	62.9	.385	.360	81.9	83.1	1.8	1.7	6.6	4.0	3.610	

SOUTHAMPTON.

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

SEPTEMBER 1885.

1	30.10	30.11	59.7	54.2	46.8	67.5	.346	.322	68	77	SE	2	SE	1	2	0	—	Beautiful day throughout.
2	29.93	29.73	61.7	61.1	51.9	63.0	.459	.495	83	92	SE	3	SW	2	10	10	*780	☉ from 9.30a.
3	.65	.60	63.9	57.8	57.5	68.5	.478	.446	80	93	SW	2	SW	2	7	1	*006	☉ 2 a. and early a. Day fine. ☐ p.
4	.61	.60	64.7	57.7	56.7	69.1	.434	.423	71	88	SW	2.5	SW	2	4	1	*028	Beautiful day throughout.
5	.61	.68	63.7	56.9	54.1	66.4	.460	.435	77	94	SW	3	SW	1	6	4	*197	☉ showers. ☐ on grass at night.
6	.73	.69	64.0	56.1	49.7	69.5	.464	.415	78	91	SW	1	SE	1.5	2	2	*505	Fine and pleasant. ☐ 9p.
7	.57	.67	60.7	54.9	54.9	66.2	.500	.432	95	100	SW	2.5	W	1	10	1	*507	☉ early a. ☉ 2 showers during day.
8	.83	.74	60.7	59.7	52.0	67.0	.456	.489	86	96	NW	2.5	SW	4.5	9	10	*340	Fine and pleasant. ☉ 2 from 10.30p.
9	.76	.95	61.8	52.9	51.5	65.2	.390	.323	71	80	W	4	W	2	8	1	*010	☉
10	.90	29.45	57.9	54.8	50.4	63.1	.371	.410	77	95	WSW	2	W	3.5	10	10	1195	☉ showers during day. ☉ 2 from 5p.
11	.60	30.00	53.2	50.8	49.0	62.6	.330	.324	81	87	NW	4	NW	2	10	0	*070	☉ 2 in past n. Day fine, with [fresh breeze. ☐ p.
12	29.97	29.92	56.1	59.9	49.9	62.2	.410	.454	90	89	SSW	3.5	SE	6	10	10	*150	Strong breeze all day.
13	30.03	30.13	59.8	56.0	53.7	68.0	.426	.416	83	92	W	1	W	1	10	0	*035	Beautiful day throughout. ☐ at night.
14	29.98	30.00	60.9	60.3	52.0	64.9	.511	.493	96	94	SW	3.5	SW	0.5	10	5	—	Fine and dry throughout. ☐ at night.
15	29.91	29.89	65.7	61.8	58.4	71.5	.510	.493	81	90	SSE	1	SE	5	1	10	*025	Beautifully fine and warm.
16	30.11	30.04	59.7	56.8	54.5	66.4	.464	.441	91	95	SW	2.5	SW	1	10	10	*368	Fine and pleasant.
17	29.95	.01	55.8	52.8	52.8	63.2	.431	.377	96	94	N	2	NE	1	10	1	—	Beautiful day. ☐ 2 at night.
18	30.06	.12	50.8	52.0	47.9	60.1	.365	.366	98	94	N	1.5	Calm	0	10	0	*021	☉ ☐ 2 a. Day fine and pleasant.
19	.00	.02	56.8	52.5	47.1	61.5	.391	.354	84	89	SW	3	WNW	1	10	1	*081	[☐ 2 ☉ ☉ p.
20	.15	.07	56.8	57.3	44.0	65.3	.405	.404	87	86	SW	0.5	SW	2.5	1	9	*043	☉ early a. Day fine and very [pleasant.
21	.12	.31	63.7	51.8	51.8	67.6	.487	.348	82	90	NW	2	NE	1	8	1	—	Beautiful day. ☐ 2 at night.
22	.35	.26	52.8	57.4	43.5	66.1	.374	.426	93	90	Calm	0	SW	1.5	10	1	—	☉ early a. Beautiful day from 9.30a.
23	.22	.17	62.7	58.0	55.9	68.6	.491	.427	86	88	W	1	W	1	10	10	*078	[on grass p.
24	30.15	30.05	54.7	45.7	45.7	59.5	.316	.258	74	85	NW	2	NW	1.5	1	2	—	Fine and pleasant throughout. ☐
25	29.94	29.92	52.5	42.7	40.1	57.4	.263	.239	67	87	NW	2.5	NW	2	1	0	—	Fine and pleasant. ☐ at night. [8p.
26	.93	29.95	45.9	49.7	34.9	55.3	.245	.218	80	86	N	1	NNE	2.5	2	1	—	☐ early a. Fine but cool. ☐ to S.
27	29.94	30.00	47.0	41.7	33.2	50.2	.253	.235	79	89	NNW	2.5	NW	2	2	1	*007	☐ early a. Fine, but with cold wind.
28	30.06	29.95	47.4	51.6	33.7	58.5	.249	.314	77	81	NW	1	SW	2	0	10	*327	☐ early a. Fine and very pleasant.
29	29.76	.84	56.8	53.8	51.1	61.4	.435	.395	94	95	W	1	Calm	0	10	10	*015	Milder day.
30	29.68	29.59	55.1	51.0	49.4	60.4	.402	.390	92	82	SSW	4.5	SW	2.5	10	1	*277	☉ ☉ 0.40p.—4.30p.
Means	29.920	29.918	57.8	54.0	49.2	63.9	.404	.383	83.2	89.6	2.2	1.9	6.8	4.1	5.065			

ST. LEONARDS.

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

SEPTEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	61.7	55.5	50.7	63.2	ins.	ins.	65	76	E	4	E	3	2	ins.
2	29.99	29.77	59.1	62.6	55.3	65.6	.412	.464	82	82	SE	3	SE	4	10	Overcast day.
3	.68	.71	60.4	59.4	59.1	64.7	.499	.474	96	94	SSW	2	SW	2	10	Overcast till 10a. ☉ at night.
4	.62	.62	60.2	59.0	56.5	63.4	.502	.461	97	93	S	2	SW	4	10	☉ a. Overcast till noon.
5	.62	.67	60.7	59.2	57.0	63.9	.505	.430	95	86	WSW	4	WSW	4	6	Squally 9a.
6	.71	.74	63.1	59.0	56.2	64.3	.461	.439	80	89	SW	2	SW	1	4	☉ Fine day. ☉ at night.
7	.61	.64	62.4	56.2	56.2	65.8	.482	.431	85	96	SW	4	SW	2	4	☉ in afternoon.
8	.81	.81	56.0	58.7	52.2	66.7	.413	.453	92	92	WNW	3	WSW	6	10	Overcast with ☉ till 11a. Squally [p. reaching gale-force later.
9	.73	.90	59.0	52.8	51.5	63.7	.362	.318	73	79	WNW	5	WNW	2	2	☉ 2 in past n.
10	.92	.56	58.7	58.5	51.1	62.4	.361	.426	74	87	WNW	4	S	4	6	☉ (moderate gale) before mid- [night.
11	29.38	.95	53.0	52.0	52.0	60.4	.352	.292	87	75	NNW	7	NW	3	10	Bar. 29.20, 6.30a.
12	30.01	29.94	54.1	60.4	48.7	60.7	.379	.427	90	83	WSW	3	W	6	10	Overcast with ☉ a. ☉ from 3p.
13	.02	30.13	61.5	56.8	56.8	63.3	.427	.420	79	90	WSW	2	W	2	6	☉ at night.
14	30.04	30.03	60.5	59.9	54.7	62.6	.504	.464	96	91	SW	3	W	2	10	☉
15	29.95	29.92	65.1	60.6	54.8	69.4	.516	.454	84	86	S	2	SW	4	0	☉
16	30.12	30.07	59.7	52.9	52.9	62.0	.448	.381	88	95	SW	1	SW	1	10	1318 Overcast all day, with almost constant [☉.
17	29.89	29.98	56.1	54.6	52.8	59.4	.436	.401	96	94	NNE	3	NNE	3	9	☉ 1.30a.—1.45a. Overcast day, with [☉.
18	30.02	30.10	54.5	56.5	51.8	65.9	.360	.371	85	81	NNE	2	Calm	0	7	☉
19	.05	.05	57.8	59.0	54.5	59.0	.412	.446	86	96	SW	3	SW	2	10	Overcast, with ☉ till 7p.
20	.19	.09	58.7	58.3	50.2	61.7	.376	.381	77	79	SW	1	WSW	4	1	☉
21	.12	.31	64.4	57.7	57.7	67.7	.491	.468	82	77	W	3	Calm	0	1	☉
22	.37	.23	61.7	58.2	55.1	64.9	.422	.383	78	89	SSE	1	Calm	0	3	☉ at night.
23	.23	.16	61.1	59.6	55.1	64.0	.489	.481	91	94	SSW	1	W	1	10	1318
24	30.10	30.01	51.0	46.5	46.5	59.6	.294	.249	79	80	NW	3	NW	1	3	☉
25	29.89	29.87	47.6	44.3	40.8	53.3	.247	.223	75	77	NNW	3	NNW	3	2	☉
26	.91	.90	45.5	42.7	39.0	51.2	.215	.207	71	76	NNE	3	NNE	3	0	☉ Fine day. ☉ to E. p.
27	29.90	.94	43.2	42.2	36.7	52.2	.226	.231	81	86	NNE	4	N	4	1	☉ Fine day.
28	30.00	.97	46.5	47.6	36.7	55.2	.251	.217	80	66	NNW	4	Calm	0	8	☉
29	29.76	.85	55.5	55.8	37.0	61.1	.439	.411	98	92	SW	4	W	1	10	8 ☉ ☉ ☉ 2.30a. ☉ in afternoon.
30	29.74	29.58	57.4	54.6	56.7	60.7	.352	.343	74	81	SW	5	SW	4	8	8 ☉ ☉ ☉ 5.30p. Squally ☉ most of day.
Means	29.915	29.922	57.2	55.3	51.1	61.9	.399	.381	83.9	85.4	3.0		2.5	6.0	4.0	4.453

BABBACOMBE.

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

SEPTEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	57.1	57.8	52.3	61.8	in.	in.	80	73	E 3	SE 4	8	10	ins.	(mist) a. 0° 6.15p.—6.30p.
2	29.84	29.68	58.2	58.1	57.1	60.5	475	480	98	99	SSE 4	SSW 3	10	10	5.00	Dull day. (mist) p.
3	58	56	60.9	57.5	56.5	67.6	437	433	83	91	SW 3	SW 3	6	3	—	ga. Sky green 3p.—7p. D p.
4	58	55	60.8	57.2	54.3	66.3	391	413	74	88	SW 4	SW 5	4	6	1.20	D n. and p.
5	61	68	59.8	55.8	54.1	66.4	428	416	84	93	WSW 3	WSW 1	7	4	—	K 7.49p. 2 p. 2 at night.
6	71	62	60.2	58.2	52.0	67.8	421	457	81	94	SW 2	ESE 3	5	10	1.00	3.50p. 2 showers. Squally.
7	54	72	58.0	57.2	54.8	62.6	437	375	91	80	SW 2	WNW 3	8	7	1.00	0 noon—0.10p.
8	89	71	60.3	58.0	53.9	61.8	327	404	63	96	WNW 4	SW 6	6	10	1.20	Squally a. Sky greenish in W. but pink
9	81	97	58.6	53.7	51.9	62.8	335	325	68	78	W 5	W 4	3	2	0.10	Squally (gale) 8.30p. [after sunset.
10	89	29.23	57.4	55.6	51.8	62.2	400	424	85	96	SW 4	SE 6	10	10	1.140	(mist) a. Squally (gale) early a.
11	77	30.02	55.5	50.5	48.1	60.3	294	302	68	82	NW 5	WSW 2	5	8	0.20	Squally a. and p. Sky yellowish pink.
12	29.93	29.87	58.0	57.8	50.2	60.9	418	402	86	96	SW 7	SW 7	10	10	1.00	10 a. Squally a. and p.
13	30.06	30.12	57.0	52.3	52.0	63.0	416	381	89	97	WSW 2	SW 1	9	1	0.80	(mist) a. 0 11 a. and 3 p.
14	29.95	29.96	60.8	59.3	52.3	64.6	494	491	93	97	SW 6	SW 4	10	10	—	[Scotch 3.30p. D 2 p.
15	29.86	29.90	63.0	56.3	56.3	65.0	473	430	82	94	S 2	WSW 4	1	9	0.60	Scotch till 4 a. Squally.
16	30.09	30.03	58.8	55.3	54.1	65.6	413	404	84	92	SW 2	WSW 1	9	9	—	D 2 in past n.
17	29.98	30.01	61.0	55.1	50.2	65.8	391	374	74	86	N 1	NNW 4	1	4	—	D n. and p. 0 2 p. Fine golden sunset and red chocolate
18	30.08	30.12	59.5	50.9	49.8	64.0	360	321	71	86	NE 2	WNW 1	0	0	0.60	glow. (mist) p.
19	29.96	30.08	53.8	52.0	46.9	62.8	391	358	94	92	SSW 5	WSW 2	10	3	0.20	D 2 (mist) a. Squally p.
20	30.15	30.07	60.2	57.3	47.4	63.8	393	457	75	97	WSW 2	SW 4	1	10	0.10	D 2 (mist) a. and p.
21	30.17	30.22	59.0	51.5	51.5	63.8	391	342	78	90	NNW 2	WNW 2	8	1	—	D 2 (mist) a.
22	30.34	30.27	56.4	57.8	44.1	64.4	393	430	87	89	SW 2	SW 1	9	10	—	D 2 (mist) a. and p. 0 1.15p.
23	30.25	30.21	58.0	56.1	56.1	64.1	447	412	92	91	W 2	WNW 2	10	10	0.40	[Fine pink sunset and after-
24	30.20	30.13	55.6	46.0	45.0	57.7	298	262	68	85	NW 3	W 1	6	9	—	n. (mist) a. glow.
25	29.99	29.98	54.0	44.0	42.1	57.9	287	241	69	83	NNW 3	NNW 4	4	1	0.30	0 10.50a. Parhelia at times. K 8p.
26	29.95	29.94	47.1	41.0	39.2	53.8	254	216	79	84	NNW 2	N 4	7	2	0.10	D 0 n. and p. < to SE. 7.45p.—9.30p.
27	29.99	30.04	47.3	45.0	38.1	53.9	250	211	77	71	N 2	NNW 4	8	0	—	D 0 n. and p. < to SE. 7.45p.—9.30p.
28	30.07	29.93	53.5	53.7	36.0	57.8	272	401	67	97	WSW 2	WSW 3	7	10	1.50	(mist) a.
29	29.75	29.59	58.0	51.6	51.6	66.5	437	351	91	92	W 4	WNW 2	9	5	0.90	D p.
30	29.60	29.59	56.3	49.0	48.2	58.4	441	262	97	75	SW 7	WSW 5	10	3	2.60	Squally a. 0 9.15a.
Means	29.923	29.911	57.5	53.7	49.9	62.5	386	375	81.1	88.8	3.2	3.2	6.7	6.3	3.280	

ST. AUBIN'S, JERSEY.

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

SEPTEMBER 1885.

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.								
1	30.06	58.0	59.5	54.6	61.8	407	445	84	88	NE 2	NE 2	10	4	0.003		
2	29.95	29.79	62.0	62.8	58.3	66.1	456	538	82	94	SE 3	S 2	9	10	4.60	
3	71	75	65.0	59.9	59.2	71.8	494	436	81	85	SW 3	Calm	0	1	0	Extremely fine day. D ⁰ p.
4	68	60	63.0	59.5	57.2	68.0	443	385	77	75	SW 2	SW 3	3	1	0.065	0 a. Squally p.
5	72	74	62.7	57.3	57.3	70.2	447	407	78	86	WSW 3	Calm	0	5	4	Very fine day. [during day.
6	76	71	64.0	59.2	53.0	70.0	431	477	72	95	WSW 1	SW 2	3	10	1.30	D a. Extremely fine day. Wind SE.
7	63	78	59.2	58.7	58.0	67.0	433	426	87	86	S 2	W 3	10	6	0.20	Bar. 29.55, 1p. Squally p.
8	96	29.91	64.2	61.5	57.2	68.0	335	463	56	85	W 3	W 4	2	10	0.045	Very fine and dry a. Gloomy p. Squally
9	29.92	30.07	64.5	57.7	55.0	67.9	390	303	64	76	W 3	W 3	4	3	—	Extremely fine day. [9p.
10	30.01	29.40	61.1	58.2	56.0	67.0	412	460	77	95	SW 3	S 7	8	8	4.10	0 from 3.45p. in heavy squalls
11	29.79	30.08	59.5	55.0	51.1	63.7	314	337	62	78	NW 5	NW 3	5	3	0.25	[from 6.30p. Bar. 29.11. Midt.
12	30.09	30.07	59.5	60.5	54.2	66.8	401	416	79	79	SW 4	SW 4	9	10	0.30	Squally (gale) in past night.
13	30.11	30.15	60.7	61.0	59.0	62.5	527	530	100	99	SW 3	Calm	0	10	1.70	Squally a. and p. 0 at times.
14	30.10	30.05	61.3	60.0	59.0	67.8	451	423	83	82	SW 2	Calm	0	7	0	Scotch 3.30a. Day gloomy. [D p.
15	29.96	30.01	63.0	63.4	56.9	74.3	443	469	77	80	SE 1	SW 2	9	9	0.70	Day extremely fine, bright, and clear.
16	30.16	30.03	57.0	55.0	53.0	63.7	420	418	90	97	Calm	NE 1	9	10	7.70	D a. Extremely fine, bright, clear, and warm.
17	29.98	30.00	57.5	56.5	54.0	61.4	433	421	91	92	N 1	N 2	10	3	—	< 0 4.45a. K 0 a. and p. Bar.
18	30.06	30.15	61.4	55.6	54.8	65.4	406	399	75	90	NE 2	Calm	0	1	0	Fine from 3p. D p. [very unsteady.
19	30.10	30.11	59.0	58.1	53.5	61.0	380	405	76	96	SW 3	Calm	0	10	10	D a. and p. Extremely fine.
20	30.19	30.18	64.0	57.0	53.2	67.8	400	385	67	83	NW 2	SW 1	3	7	2.40	Gloomy and sunless.
21	30.21	30.22	61.7	59.0	56.2	67.1	525	436	96	88	NW 1	NE 1	10	9	0.15	Extremely fine, and very clear. D 0 p.
22	30.28	30.26	68.0	57.6	57.6	72.5	514	448	75	94	SW 1	NW 1	4	10	1.40	Gloomy and mild. D p.
23	30.14	30.14	56.1	52.2	51.0	60.3	318	268	70	69	N 2	N 2	9	4	0.50	Gloomy a. Day very fine.
24	30.01	29.97	52.9	47.0	46.0	60.0	296	249	74	78	N 2	Calm	0	3	3	D a. Very fine a. Gloomy with 3 p.
25	29.94	29.92	51.1	44.5	43.0	53.8	275	250	73	88	NE 2	NE 2	7	10	1.15	0 early a. Very clear at 0p.
26	29.95	29.91	51.0	51.1	43.8	55.2	236	254	63	68	NE 2	NNE 3	7	9	0.35	0 0.50p. Mean temp. 48.4 is 3.8 lower
27	29.95	29.97	55.0	50.5	45.9	60.7	241	360	56	97	N 2	SW 3	2	10	3.40	[than that of any Sept. day since record began in 1875.
28	29.90	29.94	56.0	57.1	50.0	60.1	440	436	98	93	SW 5	W 1	10	9	0.50	D a. Day fine and bright. 0 from
29	29.84	29.74	58.0	55.0	53.8	63.3	421	302	87	70	SW 4	W 4	10	6	3.50	[8p. Scotch 3.30a. Gloomy with 0 showers.
Means	29.991	29.980	60.0	57.1	54.0	65.2	405	404	77.8	85.3	2.3	1.9	6.6	6.6	3.615	Squally a. and p. Scotch 3.30p.

Earth temperature Mean of 10 readings (taken every third day) at 1 foot 63° 0; 3 feet 62° 0; 6 feet 61° 0.

LONDONDERRY.

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

SEPTEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	50.4	56.0	37.2	64.3	in.	in.	78	80	NE 3	SE 2	7	10	ins.	
2	29.68	29.91	51.7	56.7	50.0	61.0	362	406	94	88	S 2	E 2	10	5	1.90	☉ till noon, then fine.
3	38	38	58.9	54.2	53.0	67.5	378	375	76	92	S 4	S 2	9	7	0.90	
4	32	38	57.7	54.7	53.1	66.0	437	409	92	95	WSW 3	S 1	10	7	0.70	☉ showers all day.
5	47	57	56.2	51.0	50.4	61.3	347	353	76	94	W 2	SW 1	10	1	—	
6	61	58	56.2	55.9	45.8	66.2	360	410	79	92	W 1	NE 1	4	10	0.10	
7	59	77	57.7	55.7	53.5	62.5	423	401	88	90	N 2	NW 1	10	10	0.50	
8	63	50	51.2	51.7	46.0	62.6	343	319	91	91	S 3	W 2	10	1	1.70	
9	51	65	55.7	49.2	46.2	59.2	318	294	71	84	NW 4	WSW 4	10	0	2.30	☉ 2 showers during the day. ▲
10	64	59	55.2	47.2	45.7	58.3	333	294	76	91	W 3	NW 2	3	1	2.10	☉ 2 showers during the day.
11	69	73	52.3	51.2	43.3	59.0	331	319	84	84	WSW 2	SW 2	6	10	3.00	☉ showers during the day.
12	34	46	60.0	53.9	49.9	63.4	502	310	97	74	SW 4	SW 6	10	1	0.80	☉ during the evening.
13	67	83	55.7	52.7	49.8	60.0	341	325	70	81	W 5	WSW 4	6	1	—	Fine day. ☞
14	66	66	54.6	54.7	48.5	59.8	359	382	84	90	S 2	W 1	10	10	2.70	
15	55	61	53.2	49.4	48.8	57.0	397	338	98	90	S 1	SW 1	10	0	1.50	
16	29.79	29.96	54.7	45.8	45.3	61.3	351	299	81	97	WSW 2	SW 1	6	0	0.10	
17	30.02	30.08	54.2	46.9	40.4	61.6	332	316	77	99	SSW 1	Calm	0	1	0.10	
18	30.07	29.80	47.4	54.7	41.1	58.0	316	374	96	88	SW 1	S 4	10	1	2.20	☁ (mist) ga. :
19	29.62	29.89	50.0	49.9	47.8	58.6	346	300	74	87	NW 2	WNW 4	1	10	0.30	
20	29.88	29.88	52.7	50.7	48.3	60.2	332	312	81	85	S 3	NW 1	10	10	0.90	Fine till noon, then ☉.
21	30.16	30.19	54.7	52.7	46.2	59.9	302	307	71	77	WNW 1	SW 3	9	10	—	Overcast all day.
22	15	03	53.7	54.3	50.7	58.8	338	382	82	90	SW 3	SW 2	10	10	1.00	
23	17	19	55.7	47.5	45.8	58.0	296	293	66	88	WNW 2	WNW 2	3	9	1.40	Fine till 7p., then ☉ showers.
24	19	12	46.7	45.2	43.9	54.2	259	273	82	91	NW 2	NW 1	9	2	2.00	☉ showers all day.
25	14	10	49.7	41.4	39.9	51.2	247	230	69	89	N 1	N 2	1	2	1.10	☉ showers all day.
26	11	13	46.7	42.7	38.8	54.1	255	220	81	81	N 2	N 1	7	1	0.10	☉ showers in afternoon.
27	30.09	30.00	46.7	47.0	38.5	52.4	255	255	81	80	SW 1	SW 1	7	10	0.30	
28	29.81	29.63	51.2	48.2	45.7	57.0	343	338	91	100	SW 3	S 3	10	10	0.40	☉ 2 in evening.
29	77	67	50.7	47.7	44.0	57.5	288	288	78	87	NW 3	S 3	0	10	1.60	
30	29.08	29.17	50.7	42.7	41.8	55.5	317	257	86	93	W 3	W 3	10	0	3.30	☉ showers all day.
Means	29.760	29.763	53.5	50.4	45.9	59.5	338	326	81.9	88.5	2.4	2.1	7.3	5.6	3.970	

MARKREE CASTLE, SLIGO.

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

SEPTEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	55°0	55°8	47°7	62°2	ins.	ins.	88	88	SE 1	SSE 4	9	10	ins.	Overcast all day.
2	29°99	29°83	55°0	55°8	47°7	62°2	378	393	88	88	SE 1	SSE 4	9	10	320	< 7.30p.
3	52	52	53°9	55°2	52°2	65°0	393	407	95	93	SSE 4	SE 3	8	9	260	T ² 4p.
4	53	53	58°2	55°2	53°0	64°0	393	407	81	93	SSE 4	SE 3	8	9	260	before 9a.
5	53	53	56°4	54°3	52°4	65°3	428	443	95	98	SW 1	Calm	10	10	650	Squally during the day.
6	54	54	55°2	49°1	48°1	59°1	352	331	81	95	W 2	Calm	10	9	030	
7	56	56	54°2	50°9	37°7	62°7	361	411	86	89	SSE 1	SSE 2	6	9	030	
8	58	58	53°5	46°0	45°3	58°0	393	294	95	95	WNW 2	Calm	10	4	030	
9	57	57	53°1	49°2	36°9	64°2	376	324	93	93	SSW 2	SW 1	10	7	170	
10	57	57	53°6	48°7	45°1	57°9	286	281	70	82	WWSW 1	Calm	6	9	070	
11	65	65	55°5	45°5	44°0	50°1	328	275	74	91	WSW 1	Calm	7	6	250	
12	73	73	50°7	52°0	41°0	58°9	331	364	89	94	WWSW 1	SSW 4	8	10	790	
13	74	74	55°1	50°7	49°3	60°6	408	334	93	90	W 4	S 1	8	4	030	
14	61	66	53°0	53°6	48°3	60°5	377	378	94	92	SE 2	SSE 1	10	10	500	
15	53	53	50°2	49°3	47°8	56°3	354	331	98	95	S 1	S 1	10	9	220	U ¹⁰ 10.30p.
16	29°82	29°93	57°0	44°6	43°6	61°3	349	287	75	97	WWSW 3	Calm	10	3	010	before 9a.
17	30°00	30°05	49°7	43°2	37°3	57°4	344	275	96	98	Calm	Calm	10	2	020	before 9a.
18	30°04	29°73	47°8	54°0	34°3	55°6	323	388	97	93	SE 1	SE 5	10	10	430	before 9a.
19	29°68	29°91	51°0	50°6	46°4	61°2	348	303	93	82	SSE 2	N 1	10	10	270	
20	29°18	30°20	55°3	52°0	45°2	57°5	321	328	73	84	SSW 1	SSE 1	4	10	010	
21	23	23	53°8	53°2	50°9	56°5	363	383	87	95	SSW 2	SSW 2	10	10	100	Overcast all day.
22	23	23	53°1	47°3	45°0	56°8	274	302	68	93	W 1	Calm	8	10	110	
23	22	22	51°0	39°8	39°0	52°6	225	230	60	95	WNW 5	Calm	6	4	220	
24	26	26	45°4	41°6	38°3	51°3	249	236	83	90	NNE 1	N 1	7	8	090	
25	30°12	30°12	46°6	44°6	33°8	53°0	233	245	74	83	N 1	ENE 0.5	6	9	010	
26	30°06	29°98	46°6	46°2	33°0	50°7	276	281	88	91	Calm	SSE 0.5	8	10	130	
27	29°78	29°78	53°2	49°1	45°3	56°8	403	347	99	99	SSW 1	Calm	10	10	480	
28	29°80	29°80	51°4	48°3	45°3	56°6	270	276	74	82	N 1	ESE 2	7	10	160	
29	29°08	29°21	51°8	40°2	38°3	55°1	338	232	87	93	SSE 1	SSW 1	10	4	400	in past n.
Means	29°753	29°751	52°9	49°3	44°1	58°6	344	322	85.3	90.9	1°9	1°3	8°4	8°0	5°950	

DUBLIN.

Height above Mean Sea Level, 54 feet. Long. 6° 15' W. Lat. 53° 20' N.

SEPTEMBER 1885.

1	30°06	29°07	57°3	56°8	46°9	61°2	418	408	89	88	S 3	SSE 3	9	10	202	Cloudy a. Warmer and finer p.
2	29°64	29°49	55°3	58°1	53°3	67°8	428	410	98	84	SE 6	S 4	10	3	364	Squally (gale) a. Very bright
3	46	41	59°1	57°2	52°9	66°0	358	402	71	86	SSW 3	SSW 2	4	4	034	[and warm p.]
4	40	40	59°6	56°0	55°1	67°0	380	416	75	92	SW 3	SW 2	2	3	052	Bright and warm a. showers p.
5	40	60	57°0	54°2	53°9	63°4	354	352	76	84	WbyN3	WNW 2	5	4	—	Bright and warm a. showers p.
6	62	56	57°1	57°0	48°0	65°0	372	443	80	95	SSE 1	SSE 3	3	10	261	Very fine and bright throughout.
7	56	74	56°3	54°2	54°0	60°2	440	391	97	93	N 1	NNW 2	10	3	143	Brilliant morn.
8	77	78	53°2	54°0	47°4	62°6	312	344	77	82	SSW 2	W 4	10	5	104	2 a. Squally NW. winds at night.
9	64	78	54°8	51°9	48°6	60°4	320	295	75	77	W 5	WbyN6	2	0	038	Squally a.
10	75	59	54°1	51°0	48°3	60°3	309	314	74	84	WSW 3	WNW 2	5	1	021	Squally a. and p. Colder p.
11	74	84	51°6	54°9	42°9	60°8	293	305	77	71	WNW 4	SW 3	1	10	081	Very fine a. 1.30p.
12	72	63	61°9	55°1	52°3	68°9	455	332	82	76	SW 6	W 6	9	0	019	Very fine a. 1.30p. late p.
13	83	95	57°1	51°8	51°6	63°0	326	317	70	82	W 5	W 2	4	0	191	Squally (gale) n. and during
14	67	75	55°0	57°2	51°2	66°8	423	425	98	91	E 2	WSW 2	10	8	188	[day.] p. Bar. 29°44 sp.
15	55	71	64°3	53°0	52°7	64°8	453	343	76	85	SSW 6	WSW 3	8	0	294	Squally a. Day very fine.
16	29°01	29°98	55°6	51°9	51°1	62°8	329	354	75	92	WSW 5	Calm	3	1	040	2 a. Finer p.
17	30°01	30°07	55°0	51°4	46°8	60°4	369	349	86	92	W 1	NNW 2	2	1	—	Squally a. 2 a. and p. Very
18	30°09	29°94	52°0	56°3	44°1	59°3	342	321	88	70	W 1	SSE 3	9	9	133	[warm. Beautiful sunset.]
19	29°74	29°99	57°2	50°0	49°9	60°9	385	290	82	81	WbyN4	WbyN3	8	1	—	a. Day beautifully fine.
20	29°77	29°86	55°6	59°8	47°4	65°6	335	467	76	91	SE 1	W 5	8	9	020	[showers 5p.-6.30p.]
21	30°21	30°27	50°7	49°4	45°0	60°7	290	308	79	89	WNW 3	SW 1	0	3	—	2 a. Dull a. Fine p. After
22	25	25	53°2	56°5	47°5	61°7	309	385	77	85	SW 4	SW 2	4	9	010	Squally p. Lunar p.
23	21	24	53°4	50°0	50°0	57°9	320	295	79	82	NNW 2	WNW 2	9	2	—	Brilliant a.
24	23	23	48°2	45°1	42°3	53°7	279	254	84	85	NW 3	NW 3	1	4	032	Brilliant a. Partial O p.
25	09	09	47°2	41°3	40°2	52°4	249	209	77	81	NNW 4	N 3	2	1	—	Much cirrus p.
26	06	09	42°4	44°0	37°2	50°6	215	252	80	87	NNW 4	N 2	0	9	067	2 showers 11.30a.-Noon. Dry and
27	30°10	30°05	41°0	45°2	34°4	51°4	228	255	90	85	NW 2	Calm	0	7	—	3.15p. Very cold later.
28	29°92	29°67	53°1	55°0	44°3	58°6	321	348	79	81	SSW 2	SW 3	9	10	142	Bright and very cold a.
29	82	76	49°8	44°4	47°5	55°7	301	282	85	72	NW 3	S 2	3	8	119	2 a. Very cold. showers p.
30	29°15	29°30	56°4	43°9	43°0	59°2	406	226	90	79	SW 6	W 6	10	0	217	Overcast a. Dull and mild p.
Means	29°815	29°817	54°2	52°4	47°7	61°0	344	335	81.4	84.1	3°3	2°8	5°3	4°5	2°862	Cloudy early a. then very fine. Cooler.

PARSONSTOWN (BIRR CASTLE).

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

SEPTEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°2	56°9	46°9	65°0	ins.	ins.	80	87	SE 1	SE 3	10	10	ins.	Squally a. ◁ in past n. Squally a. T
2	29°53	29°88	59°0	58°2	53°7	68°0	436	448	88	92	SE 3-5	SE 3	7	9	375	
3	42	43	58°4	56°1	50°1	62°0	367	407	75	90	SSW 3-4	SE 3	7	9	188	
4	39	40	59°9	55°2	52°1	63°0	404	395	79	91	SW 2-3	Calm	0	7	045	
5	52	61	57°1	48°9	48°5	62°0	370	323	81	94	W 1-2	Calm	0	10	3	
6	50	51	57°6	56°0	47°1	64°9	364	411	77	91	SE 2	Calm	0	9	7	
7	61	85	54°6	47°8	47°4	50°3	386	298	90	90	NNW 2-3	Calm	0	10	0	
8	70	60	53°8	53°2	42°0	62°3	363	339	87	84	SSE 2-3	SW 3-4	10	10	345	
9	68	82	55°8	50°0	46°9	59°7	335	298	75	83	SSW 3	W 2-3	7	1	200	
10	75	63	52°1	47°3	44°7	59°6	339	280	86	87	Calm	Calm	0	9	10	
11	81	80	54°7	52°2	40°3	59°1	284	348	67	89	NW 2-3	Calm	0	2	10	
12	50	67	61°3	54°9	51°2	65°9	473	324	87	75	SW 3	SW 3-4	10	0	138	Squally p.
13	88	95	57°9	50°0	49°5	61°6	319	309	66	86	WSW 4-5	S 1	9	0	337	Squally a.
14	62	74	53°7	56°1	49°0	68°9	387	407	94	90	Calm	SSW 1	10	10	810	
15	57	72	55°0	49°9	49°2	57°2	403	313	93	88	Calm	SSW 2-3	10	7	063	
16	29°93	29°08	56°0	50°9	48°6	61°8	350	342	76	92	SW 2	Calm	0	6	9	015
17	30°02	30°08	52°1	46°8	42°0	58°2	365	301	93	94	Calm	Calm	0	10	2	0
18	30°08	29°88	47°4	54°9	30°7	60°6	315	366	96	85	SE 0-1	SE 2-3	10	2	460	0 (mist) a.
19	29°78	30°02	56°0	47°0	42°6	60°3	370	282	82	88	SW 3	SW 1	10	1	1	0 (mist) a.
20	29°93	29°94	52°8	51°2	44°9	62°9	348	338	86	90	S 2	NW 2-3	10	10	144	Squally before ga.
21	30°24	30°28	53°8	50°0	39°4	58°6	277	312	67	87	SW 1	Calm	0	5	10	—
22	24	12	53°3	55°3	45°2	61°0	315	389	78	89	S 1	WSW 2	10	10	060	0 (mist) op.
23	25	28	52°1	45°0	44°8	57°5	284	253	74	85	NW 1	Calm	0	3	0	0 (mist) op.
24	30	19	50°6	43°2	39°4	55°0	259	253	70	99	WNW 3	NW 1	1	7	075	0 (mist) op.
25	18	15	47°9	37°3	37°0	52°2	258	197	78	89	N 3	Calm	0	2	3	—
26	11	14	44°3	39°6	35°5	52°2	215	225	74	92	NNW 3	Calm	0	1	3	020
27	30°11	30°05	44°9	40°0	29°8	51°6	243	265	88	86	Calm	Calm	0	3	10	010
28	29°91	29°70	52°7	50°5	44°8	58°6	341	350	86	96	S 1	SSW 2	10	10	260	before ga. 0 (mist) op.
29	18	72	51°9	48°8	47°0	56°5	284	253	74	73	NW 1	SSE 3	0	10	287	
30	29°18	29°34	52°0	41°2	40°4	57°5	345	231	80	90	SW 3	SSW 3	8	4	205	Squally, with 0 (mist) op.
Means	29°823	29°826	53°8	50°0	44°6	60°1	340	322	81°4	88°1	1°9	1°3	7°2	6°1	5°454	

DUNROBIN CASTLE.

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

OCTOBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.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.	52.5	45.6	43.9	52.7	in.	in.	74	82	W	W	—	ins.	Blow, with ☉ showers a. Fine p.
2	29.37	29.46	52.5	44.2	43.7	55.5	2.30	2.70	99	93	NW	W	—	3.00	☉ a. Fair p.
3	40	59	43.6	42.6	39.6	50.3	2.59	2.32	91	85	W	W	—	0.40	Gusty, with ☉ showers a. Fair p.
4	49	17	45.6	39.2	35.6	51.3	2.54	2.20	83	92	SW	NE	—	0.60	Cloudy and cold a. Fair p.
5	14	29	43.6	41.9	34.3	48.5	2.55	2.40	89	91	W	N	—	1.80	Cold, with ☉ showers.
6	35	45	45.9	43.4	41.2	52.3	2.36	2.45	77	87	W	W	—	1.20	☉ showers a. Bright p.
7	65	78	48.0	40.6	39.4	52.3	2.74	2.32	83	92	E	W	—	0.60	
8	30	11	44.6	44.4	39.4	46.3	2.48	2.67	84	91	E	W	—	0.70	Dull a. Fair p.
9	33	38	47.5	45.4	42.7	49.0	2.76	2.43	85	81	NE	NE	—	—	Fine day.
10	41	64	46.2	37.1	37.1	54.3	2.29	1.92	74	87	E	NW	—	—	Fine day.
11	63	29.72	38.9	38.6	30.0	48.7	1.89	1.78	81	76	NW	N	—	—	Fine day.
12	29.93	30.03	45.2	38.6	36.1	46.7	2.31	1.96	77	84	NE	N	—	2.30	Fine, clear, and frosty.
13	30.04	29.95	44.0	41.4	38.1	46.5	2.21	1.98	75	76	NE	NE	—	1.50	☉ showers a.
14	07	30.23	48.5	46.2	41.4	48.7	2.66	2.70	78	87	E	NE	—	—	
15	35	60	49.3	46.4	45.7	52.3	3.01	2.94	86	94	NE	E	—	0.50	Dull day.
16	57	46	49.3	45.9	44.2	50.7	3.01	2.66	86	87	E	E	—	—	
17	23	22	44.4	45.4	43.9	47.5	2.46	2.87	84	95	NW	NW	—	1.60	Fine a. Dull p.
18	28	29	43.4	43.6	40.7	46.7	2.21	2.55	78	89	N	NW	—	—	Fine day.
19	17	30.13	44.4	36.1	34.7	49.3	2.50	1.96	86	92	SW	NW	—	—	Fine and clear.
20	30.03	29.95	40.9	41.2	35.8	44.3	2.09	2.06	82	80	NW	N	—	—	Fine and clear.
21	29.86	29.81	40.6	35.8	35.4	43.5	1.94	1.82	77	87	NW	NE	—	—	Fine a. Cloudy p.
22	79	83	39.2	31.8	30.3	44.5	1.83	1.63	76	91	NW	N	—	4.40	Fine and frosty.
23	84	86	37.4	34.3	31.0	44.0	2.00	1.94	90	98	N	N	—	—	Clear and frosty.
24	73	68	41.2	34.3	31.5	46.7	2.44	1.82	95	92	NE	N	—	—	
25	29.52	29.04	33.1	42.4	28.5	42.5	1.72	2.27	91	84	NW	W	—	5.70	Frosty a. Dull, with ☉ p.
26	28.80	28.85	43.4	40.4	37.8	48.7	2.45	2.07	87	83	NW	SW	—	0.70	Dull day.
27	28.88	28.92	40.2	40.9	33.5	45.5	1.98	2.43	80	95	NW	NW	—	2.60	Clear a. ☉ showers p.
28	29.10	29.55	41.4	42.6	38.4	49.0	2.38	2.25	91	83	W	NE	—	—	Fine day.
29	30.00	30.07	42.4	44.2	41.7	45.7	2.62	2.22	97	76	E	E	—	—	Dull and cloudy.
30	29.91	29.72	42.4	43.9	42.4	44.7	2.31	2.60	86	91	SE	SE	—	1.40	Cold and windy.
31	29.72	29.82	43.4	41.4	41.4	44.5	2.62	2.59	93	99	SE	E	—	1.00	Dull, with ☉.
Means	29.671	29.697	44.0	41.3	38.0	48.2	2.44	2.29	84.4	87.7	—	—	—	3.370	

BRAEMAR.

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

OCTOBER 1885.

1	29.04	29.46	45.8	42.6	40.4	51.5	2.37	2.29	77	84	SW	4	SW	4	8	7	0.70	Stormy, with ☉.
2	43	08	49.9	45.0	40.3	52.5	2.99	2.47	84	83	SW	2	SW	8	8	9	3.30	Stormy, with ☉.
3	51	65	41.8	39.6	39.3	48.7	2.05	2.07	78	85	SW	4	SW	0.5	6	3	—	Stormy.
4	58	21	42.4	39.8	38.3	45.8	2.17	2.02	81	83	NW	4	SW	1	7	6	2.70	Stormy, with ☉.
5	21	37	40.6	37.8	35.5	46.7	1.99	1.90	79	84	W	4	SW	1	7	6	0.20	☉ showers.
6	39	44	41.8	40.8	35.1	46.3	2.00	1.76	76	69	W	2	NW	2	7	2	1.50	☉ showers.
7	66	84	42.5	39.6	39.6	48.3	2.30	2.04	85	84	NW	2	NW	0.5	7	9	2.00	☉ showers.
8	26	12	39.0	40.0	37.2	46.0	2.14	2.18	90	89	SW	1	SW	1	9	5	0.40	☉ showers.
9	26	31	42.8	40.1	36.0	45.3	2.32	2.25	85	91	N	2	N	1	8	10	1.60	Dull and damp.
10	36	60	38.6	36.4	36.4	41.7	2.09	1.66	89	77	NW	2	NE	0.5	7	1	0.20	☉ showers.
11	66	71	28.2	28.5	23.4	45.8	1.30	1.17	85	76	NE	0.5	NW	0.5	1	2	—	Clear day.
12	89	97	37.6	36.0	26.6	40.5	1.70	1.75	75	82	NW	4	N	10	2	7	5.70	☉ showers.
13	89	29.96	37.6	37.6	34.6	40.5	1.10	1.98	49	88	N	6	N	6	7	10	3.90	☉ showers.
14	29.99	30.16	42.6	41.6	34.0	43.7	2.49	2.39	91	92	NE	4	NE	2	10	9	0.70	☉ showers.
15	30.30	43	42.6	44.7	41.0	48.5	2.49	2.68	91	91	NE	0.5	NE	1	5	9	—	Dull day.
16	42	34	44.8	42.7	42.7	46.5	2.51	2.50	85	91	NE	1	NE	1	7	0	0.60	
17	19	19	43.8	41.8	36.4	49.9	2.79	2.22	98	84	NE	0.5	NE	0.5	5	8	0.20	Fine day.
18	25	29	40.6	32.9	32.4	44.5	2.30	1.80	91	95	NE	1	NE	1	8	7	—	Dull day.
19	18	30.10	33.2	38.6	26.2	44.5	1.47	1.95	78	84	SW	1	NE	1	3	8	0.10	☉ showers.
20	30.05	29.96	33.5	34.7	32.5	40.5	1.56	1.82	82	90	NE	0.5	NE	0.5	6	7	0.10	Dull, with ☉ showers.
21	29.88	28.8	33.5	31.5	31.2	40.5	1.76	1.78	92	100	NE	0.5	NE	0.5	7	8	0.10	Cold, with ☉ showers.
22	86	84	23.4	27.5	22.7	39.5	1.02	1.21	82	81	NE	0.5	NE	0.5	2	7	—	Clear day.
23	88	88	25.2	31.7	22.7	36.6	1.20	1.56	88	87	NE	0.5	NE	0.5	10	4	0.10	Dull and cloudy.
24	78	74	31.0	28.7	25.4	41.3	1.64	1.11	94	71	NE	0.5	NE	0.5	7	7	—	Dull a. Clear p. ☉
25	29.65	29.17	18.5	36.9	17.4	39.3	0.76	2.01	76	92	NE	0.5	SW	4	4	10	1.80	Dull and damp.
26	28.78	28.91	41.0	38.2	36.4	42.5	2.08	1.69	81	73	SW	1	SW	4	7	7	0.20	☉ showers.
27	28.93	28.96	35.7	37.6	32.7	41.5	1.55	1.87	74	83	SW	2	SW	2	4	4	0.70	☉ showers.
28	29.12	29.52	35.9	39.6	35.6	40.8	1.92	2.19	91	90	W	1	SW	4	4	8	—	Fine day.
29	30.00	30.14	37.6	31.3	31.3	40.7	1.84	1.43	81	81	E	2	NE	1	9	2	—	Dull and damp.
30	29.97	29.77	36.9	38.1	26.4	38.6	1.65	1.86	76	81	SE	1	SE	2	9	10	1.60	Dull and damp.
31	29.73	29.85	35.1	36.5	35.1	38.8	1.95	1.99	95	92	S	1	SW	0.5	10	10	1.20	Dull and damp.
Means	29.681	29.703	37.5	37.4	33.1	43.8	1.92	1.92	83.2	85.0	—	—	—	—	—	—	—	—

LAUDALE.

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

OCTOBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.				Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.				
1	ins.	ins.	48.9	48.6	44.9	49.8	in.	in.	%	%	1	NW	7	W	4	10	6	ins.	☉ (gale) till 3p. ☉ ² showers.
2	29.18	29.38	48.9	48.6	44.9	49.8	.299	.244	87	71	W	5	W	4	10	10	1.110	☉ showers all day.	
3	47	27	51.7	48.9	47.6	54.2	.337	.267	87	78	W	5	W	4	10	10	1.110	☉ showers all day.	
4	55	66	48.1	43.9	43.5	51.4	.244	.243	73	84	W	4	W	4	4	7	.420	☉ (sleet) showers. Cold and	
5	50	19	47.9	42.7	42.6	49.4	.279	.237	85	86	W	3	W	3	10	10	.900	☉ showers all day. Cold. [bracing.	
6	28	42	44.2	45.8	40.4	49.9	.232	.237	80	78	W	3	SW	2	6	4	.450	☉ showers all day. Snow on hills.	
7	45	47	44.3	41.6	41.0	49.4	.259	.254	89	97	W	2	NW	1	6	5	.170	☉ showers all day. Snow on hills.	
8	72	77	46.4	43.0	41.1	50.2	.275	.249	88	90	NW	1	NW	1	4	8	.810	☉ ⁰ and ☉ ⁰ (sleet) showers all	
9	24	21	46.9	45.3	42.2	50.4	.276	.257	87	85	NW	3	NW	2	8	10	.240	☉ ² till 9a. ☉ showers all day. 1 day.	
10	32	28	47.2	45.0	42.6	49.8	.273	.260	85	87	NW	3	N	2	6	10	—	—	—
11	43	62	47.9	35.0	35.0	49.5	.286	.203	87	100	N	2	W	1	4	0	.130	—	—
12	67	29.69	38.7	36.2	33.1	43.2	.221	.202	94	94	N	2	N	2	7	3	.030	☉ (sleet) showers all day.	
13	29.98	30.13	34.7	38.7	29.4	48.5	1.88	.202	93	86	N	1	NE	4	1	4	.020	Snow on hill tops. Clear a. ☉ showers	
14	30.10	09	43.1	42.6	38.3	47.9	.218	.217	78	80	N	3	N	3	4	2	.010	Cold and bracing all day. [p.	
15	13	10	46.8	45.1	39.9	50.2	.251	.252	79	84	N	3	Calm	0	7	9	.010	Dull day. ☉ ⁰ showers.	
16	44	30	48.0	49.2	49.5	53.1	.263	.249	79	71	E	2	E	2	0	10	.030	Fine all day.	
17	22	13	44.8	43.9	41.3	51.7	.278	.268	94	94	Calm	0	Calm	0	7	10	—	Dull all day.	
18	25	27	46.3	41.3	38.6	52.0	.249	.241	80	93	E	1	Calm	0	4	6	—	Dull all day.	
19	21	30.16	42.0	44.7	41.3	52.0	.234	.249	86	84	NE	2	Calm	0	6	10	—	Snow on hills. Dull day. ☉	
20	30.01	29.89	41.0	37.6	37.3	45.3	.202	.211	79	94	Calm	0	Calm	0	10	2	—	Dry and bracing a.	
21	29.03	29.79	37.3	35.2	32.0	40.2	.186	.169	84	82	E	1	SE	1	0	2	—	Fine all day.	
22	26	26	32.0	32.9	29.6	45.6	.141	.152	77	81	Calm	0	S	1	1	1	—	Fine all day. Cir.-s. moving from S.	
23	80	79	33.2	32.8	28.6	46.4	.165	.168	87	90	Calm	0	Calm	0	0	—	—	—	—
24	71	66	31.3	33.9	27.5	42.1	.169	.165	96	84	Calm	0	E	2	6	0	—	Very fine all day. ☉ at night.	
25	29.47	29.12	40.9	47.3	30.8	47.7	.193	.397	76	95	E	4	SW	2	10	10	1.300	Very dull a. ☉ from 11.30a.	
26	28.91	28.97	44.9	40.3	40.3	49.7	.248	.235	84	91	WNW	3	W	5	9	10	.400	☉ ² showers all day. [☉ ² showers.	
27	28.99	29.13	40.6	43.9	38.7	45.5	.234	.230	93	79	SW	4	WNW	5	10	9	.940	Snow on hills. ☉ (gale) from WNW.	
28	29.16	29.60	42.7	43.9	40.6	47.4	.250	.243	91	84	WNW	3	NW	2	8	4	.080	Snow on hills. ☉ ² showers.	
29	30.01	30.06	42.9	40.1	36.2	46.2	.211	.174	77	70	ENE	1	E	3	7	0	—	Snow on hills. Fine all day. [ance.	
30	29.81	29.63	43.0	40.7	38.0	44.0	.197	.223	71	88	SE	8	SE	7	10	10	.850	☉ (gale) all day. Threatening appear-	
31	29.69	29.86	39.7	40.1	39.1	42.9	.232	.242	94	97	SE	1	Calm	0	10	10	.160	Fresh snow on hills. Dull and gloomy all day.	
Means	29.697	29.711	43.1	41.8	38.3	48.6	.238	.229	84.5	85.9		2.4		2.1	6.2	5.9	8.810		

ROTHESAY.

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

OCTOBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	48.8	47.1	44.3	53.4	ins.	ins.	84	75	NW	WNW	—	—	ins.	(gale) showers.
2	29.25	29.05	50.5	46.7	45.8	54.5	289	246	84	75	SSW	NW	—	—	246	Dull and damp.
3	58	51	49.6	44.7	41.3	53.4	265	261	75	88	W	W	—	—	282	showers.
4	61	26	49.5	41.9	41.8	53.1	265	250	75	95	SW	WSW	—	—	428	Dull a. p.
5	34	46	43.1	41.6	39.3	51.4	241	243	86	93	SW	Calm	—	—	240	showers.
6	50	47	47.2	40.6	39.5	49.1	255	217	79	86	SW	NW	—	—	025	Dull, with showers.
7	74	80	49.0	44.6	38.3	53.4	259	267	74	91	NW	Calm	—	—	320	showers.
8	30	17	48.0	43.1	42.8	51.7	302	258	91	93	W	Calm	—	—	166	
9	31	25	48.0	43.1	41.6	53.4	290	258	87	93	NW	Calm	—	—	010	Fine and breezy.
10	35	61	47.5	36.0	36.0	52.4	233	175	71	82	NNE	NW	—	—	—	Fine p.
11	68	29.71	41.3	34.0	31.9	48.9	236	176	92	80	Calm	Calm	—	—	—	Changeable.
12	29.94	30.10	43.9	39.1	31.4	52.5	210	191	73	80	NNE	NNE	—	—	035	showers.
13	30.07	04	44.9	41.1	34.4	48.2	201	207	68	81	NW	NNE	—	—	—	Fine, breezy, and cold.
14	02	16	47.0	44.1	34.4	56.4	275	247	86	85	NNW	NNW	—	—	—	Fine and cold.
15	30	45	47.0	48.0	41.8	55.5	303	335	94	100	NE	NE	—	—	—	Fine and cold.
16	39	27	47.5	48.0	45.8	51.9	281	290	87	87	NE	E	—	—	020	Dull and blowy, with showers.
17	21	13	47.5	44.3	43.8	50.2	292	270	90	93	NE	NW	—	—	—	Blow.
18	21	25	47.0	46.1	43.3	52.2	303	268	94	86	NNE	ENE	—	—	—	
19	20	30.11	41.1	38.1	35.4	52.2	293	194	79	84	NNW	NE	—	—	—	Fine p.
20	30.02	29.89	42.4	42.1	36.4	47.4	245	219	91	82	NNE	NE	—	—	—	Cloudy.
21	29.82	78	41.1	40.4	39.8	49.2	212	192	82	77	ENE	NE	—	—	—	Fine and breezy.
22	75	75	38.1	39.4	37.3	42.5	191	203	83	84	NE	ENE	—	—	006	Cloudy, blowy, and cold.
23	77	74	39.1	41.1	36.4	45.0	187	181	79	71	NE	E	—	—	—	Blow and cold.
24	68	68	43.1	41.8	31.4	51.5	218	242	78	92	NE	Calm	—	—	—	Fine.
25	29.55	18	37.9	45.4	38.5	46.5	198	209	87	98	E	S	—	—	743	Dull and damp.
26	28.94	04	44.6	41.1	40.3	48.9	262	216	89	84	WNW	NW	—	—	280	Blow.
27	29.09	20	43.1	41.1	37.0	47.2	218	198	78	78	WNW	NW	—	—	460	showers.
28	31	29.60	43.6	41.6	40.3	46.5	257	203	90	78	WNW	NW	—	—	190	showers p. Meteors seen.
29	98	30.08	44.1	39.1	37.9	51.4	204	165	71	71	N	E	—	—	—	Fine.
30	85	29.69	41.1	39.1	37.5	43.3	186	219	73	92	SE	SE	—	—	618	Dull, blowy, and damp.
31	29.68	29.88	38.3	40.1	37.3	40.3	211	227	92	92	ENE	Calm	—	—	030	Dull, with .
Means	29.708	29.723	44.7	42.1	38.8	50.1	246	231	82.9	85.8	—	—	—	—	4.202	

PINMORE.

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

OCTOBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	29.36	29.76	48.5	46.9	43.4	55.1	288	269	85	85	NW	6	NW	4	10	090
2	68	43	51.4	47.9	45.8	53.1	308	258	82	78	NW	3	SW	6	10	530
3	71	80	46.9	45.9	44.3	52.1	248	256	78	84	NW	4	NW	4	10	090
4	70	35	47.9	42.5	41.4	50.1	260	255	79	94	W	3	SW	4	10	170
5	40	52	43.6	43.8	41.4	50.1	263	240	93	84	NW	4	NW	3	10	100
6	58	50	45.7	40.1	40.1	46.2	262	233	86	94	NW	4	Calm	0	10	120
7	78	87	46.9	42.0	38.4	53.6	269	243	85	91	NW	3	Calm	0	8	130
8	38	24	47.8	42.3	40.0	51.3	286	238	86	89	NW	4	N	3	10	210
9	34	28	48.2	44.9	42.4	54.1	302	269	91	91	N	1	Calm	0	9	5
10	37	64	47.5	34.4	34.4	54.1	281	177	87	88	Calm	0	Calm	0	10	0
11	71	29.73	34.1	33.7	26.0	47.8	187	186	95	95	Calm	0	Calm	0	10	060
12	29.94	30.10	39.6	39.6	26.0	52.6	195	195	80	80	Calm	0	NE	4	2	1
13	30.14	06	45.0	42.0	38.8	52.1	207	223	70	84	NE	3	NE	4	8	2
14	02	15	46.5	45.5	40.4	50.1	253	239	81	79	NE	4	NE	3	10	10
15	30	44	47.5	39.1	39.1	55.1	267	219	82	92	Calm	0	Calm	0	5	1
16	35	26	48.0	48.8	37.0	50.2	247	293	74	85	SE	6	Calm	0	10	10
17	23	18	45.5	46.7	44.3	49.6	291	310	96	97	Calm	0	Calm	0	10	10
18	23	27	39.1	40.3	35.5	50.6	231	239	97	96	Calm	0	Calm	0	4	10
19	32	30.14	41.1	42.0	39.4	47.2	247	227	96	86	Calm	0	NE	3	8	10
20	30.06	29.94	40.7	41.2	38.9	47.2	239	246	94	95	Calm	0	Calm	0	8	10
21	29.82	77	40.2	39.1	37.4	47.4	241	213	96	89	Calm	0	Calm	0	10	10
22	75	74	38.7	39.1	32.7	42.5	204	200	87	84	N	3	NE	3	10	10
23	76	72	40.1	40.3	38.7	45.4	202	210	81	84	Calm	0	SE	4	10	9
24	68	70	38.9	27.6	27.6	50.1	184	144	79	96	Calm	0	Calm	0	10	0
25	29.61	28	28.0	44.9	21.0	50.6	107	281	70	95	Calm	0	Calm	0	8	10
26	28.99	13	45.9	42.0	42.0	50.1	264	221	86	84	NW	3	N	6	10	8
27	29.18	31	38.2	40.1	37.9	48.2	208	197	91	79	N	4	N	8	10	6
28	29.28	29.62	43.3	38.2	38.2	48.2	246	218	88	95	NW	6	Calm	0	10	0
29	30.00	30.11	39.4	28.4	28.4	49.2	214	156	89	100	Calm	0	Calm	0	0	0
30	29.88	29.65	41.3	40.4	28.4	43.3	192	236	75	95	SE	6	SE	8	10	10
31	29.68	29.89	38.5	39.1	38.4	40.8	223	225	96	94	Calm	0	Calm	0	10	10
Means	29.745	29.760	43.0	40.9	37.0	49.6	239	230	85.6	89.1	2.2	2.2	8.5	6.7	5.320	

SCALEBY (NEAR CARLISLE).

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

OCTOBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	45°	41°	55°	in.	in.	84	84	SW	4	SW	8	7	ins.	Very wet day. Fine day. Fine a. Squally with ☉ after 3p. Squally before 9a. Very stormy day.	
2	29° 34	29° 08	48°	45°	41°	55°	312	253	94	84	SW	4	SW	8	7	0		120
3	67	24	51°	50°	43°	55°	345	321	92	88	SW	7	SW	10	10	5		240
4	68	78	47°	46°	42°	54°	256	263	80	85	W	4	SW	4	5	5		010
5	69	33	50°	42°	38°	54°	273	270	75	99	W	4	SW	1	1	10		230
6	36	48	46°	41°	40°	49°	239	243	77	95	SW	4	SW	5	5	3		260
7	54	40	46°	40°	38°	48°	272	233	87	93	SW	5	Calm	0	8	4		050
8	69	79	44°	40°	33°	50°	262	233	90	93	SW	1	W	2	0	8		290
9	29	16	48°	42°	38°	51°	325	252	97	93	SW	3	W	1	10	0		140
10	26	26	46°	41°	36°	53°	276	242	89	93	SW	3	SW	2	4	0		—
11	68	66	37°	34°	27°	50°	170	197	76	99	Calm	0	Calm	0	0	0		—
12	84	94	41°	39°	26°	49°	223	170	86	71	N	3	N	4	6	0		—
13	92	29° 92	43°	43°	37°	48°	204	204	72	72	N	2	N	4	0	8	—	
14	29° 89	30° 03	49°	47°	41°	54°	288	273	83	85	N	2	NE	3	0	8	—	
15	30° 20	29	50°	47°	43°	52°	308	267	85	83	NE	2	NE	3	5	2	—	
16	27	20	50°	49°	42°	51°	257	330	72	94	NE	6	E	3	3	10	020	
17	16	12	49°	46°	40°	51°	305	315	87	99	NE	3	E	3	10	10	030	
18	17	23	47°	43°	43°	52°	288	246	90	89	N	1	NW	4	10	10	020	
19	17	30° 08	42°	40°	39°	45°	230	179	84	72	E	1	N	3	10	10	—	
20	30° 02	29° 90	40°	40°	35°	46°	235	229	95	91	E	2	NW	2	8	10	—	
21	29° 78	73	41°	39°	37°	42°	204	212	79	87	E	3	E	3	8	10	—	
22	70	70	39°	39°	37°	41°	224	224	93	93	NE	4	E	4	10	4	030	
23	72	61	39°	42°	37°	43°	219	252	93	93	E	4	E	5	10	8	—	
24	53	59	41°	35°	34°	42°	223	196	86	96	NE	6	N	3	5	4	—	
25	29° 60	27	33°	42°	36°	46°	153	231	81	86	E	1	SE	5	1	10	430	
26	28° 85	09	47°	42°	40°	49°	312	231	97	86	W	3	W	4	10	10	060	
27	29° 13	26	39°	37°	36°	46°	224	217	93	97	SW	2	SW	7	3	3	030	
28	24	29° 53	41°	37°	35°	45°	242	206	93	92	W	5	E	1	10	3	080	
29	90	30° 04	41°	34°	32°	47°	227	145	89	73	E	1	E	1	4	0	—	
30	03	29° 72	42°	40°	26°	45°	208	243	79	97	SE	3	SE	4	10	10	330	
31	29° 02	29° 89	40°	39°	35°	44°	235	199	95	94	NE	3	N	2	10	3	020	
Means	29° 68	29° 69	44°	41°	37°	49°	251	235	86°	88°	3°	1	3°	4	6°	5°	2° 390	

CRONKBOURNE (DOUGLAS), ISLE OF MAN.

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

OCTOBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	51.9	49.4	43.2	55.6	.326	.287	85	82	WNW 6-7	W 4-5	8	7	ins.	Squally a.		
2	74	74	53.8	50.7	48.0	55.2	.363	.302	87	82	WSW 4	WNW 6-7	10	6	.397	Squally, with a. p. < p.		
3	74	73	50.2	48.0	45.2	53.0	.284	.307	79	92	W 6	W 3	4	3	.001	Squally a. Fine day.		
4	72	72	51.2	45.0	44.5	53.8	.306	.271	81	91	SW 4	SW 5-6	9	10	.174	Dull, with squally a. p. [p. showers		
5	49	55	48.8	45.5	42.2	51.3	.278	.270	80	89	WSW 5	WNW 5	7	1	.027	Squally a. before ga. a. p. showers		
6	61	45	47.8	44.2	42.2	47.8	.288	.274	87	95	WSW 3	NNW 2	10	9	.390	100. a. p.		
7	76	85	49.3	42.3	42.3	52.7	.290	.259	83	93	NW 5-6	Calm 0	6	2	.386	Squally a. showers Noon-1.30 p.		
8	41	24	51.3	45.0	38.3	52.2	.309	.255	82	86	W 6	WNW 4	7	4	.003	Squally a. a. p. [p. a. p.		
9	34	25	48.5	44.8	40.5	53.5	.316	.278	94	94	WNW 4-5	WNW 2	9	6	.013	a. a. p.		
10	26	57	48.8	41.2	41.2	52.3	.263	.229	76	89	N 4-5	NNW 2-3	5	1	.001	a. a. p.		
11	67	29	45.2	41.8	31.3	50.9	.241	.237	81	90	WNW 1	WNW 2	8	4	.113	a. a. p. showers.		
12	29	85	30.01	44.4	44.1	36.0	.234	.241	80	82	N 3-4	N 6-7	2	4	—	a. showers a. Fine but squally.		
13	30	00	45.8	46.0	40.1	49.9	.233	.269	76	87	NW 6-7	NW 5	2	6	.188	Squally a. Fine day. [p. at night.		
14	29	93	30.08	45.1	47.7	42.2	.293	.289	97	88	NNW 6	N 4	10	10	.024	a. a. p.		
15	30	17	33	50.3	49.2	45.0	.346	.314	95	91	NNE 6	ENE 5	10	0	—	a. and p. Dull day.		
16	16	17	50.2	51.5	45.5	52.7	.305	.365	84	96	NE 6-7	ENE 4	10	9	.063	Squally a. a. p. 9.30 a.—Noon.		
17	17	13	51.7	49.0	49.0	55.4	.370	.345	96	99	ESE 2	WSW 1	7	10	—	(mist) p. a. p.		
18	16	21	48.9	47.0	42.7	51.0	.341	.303	99	94	NE 3	NE 2	10	7	—	Overcast, with (mist). a. p.		
19	15	30	09	47.1	43.0	42.1	.259	.242	77	87	ENE 2	N 2	7	9	—	Cloudy day.		
20	30	01	29	89	45.8	42.2	.323	.265	74	98	Calm 0	Calm 0	6	10	.004	a. Fine morning. a. p.		
21	29	73	69	45.2	45.5	42.2	.247	.268	83	88	E 3-4	NE 4	6	10	—	(mist) a. and p. Fine day.		
22	66	62	43.0	43.0	40.1	45.2	.257	.275	90	99	NE 1	E 5-6	10	10	.802	Squally a. p. (mist) p.		
23	63	59	42.0	43.8	40.3	44.0	.265	.252	99	88	ENE 4-5	NE 5-6	10	10	.150	Overcast, with squally a. p.		
24	56	63	45.9	35.6	35.6	48.1	.253	.195	83	94	N 3	N 2	3	1	—	Fine day. a. p.		
25	29	57	28	43.0	48.0	28.3	.240	.335	86	100	Calm 0	SSW 3	5	10	.713	a. (gale) a. p.		
26	28	99	15	49.0	43.8	50.9	.303	.248	87	87	NW 7-8	W 4-5	8	7	.014	Squally a. a. p.		
27	29	21	37	43.8	43.4	40.4	.234	.257	81	91	WNW 7-8	WNW 6-7	4	7	.001	Squally a. and p.		
28	35	29	53	43.8	44.4	41.1	.205	.209	93	99	W 6-8	N 4	9	3	.250	Squally a. a. p.		
29	91	30	05	46.6	40.0	40.0	.280	.224	80	91	N 3	NNE 2	0	2	—	a. showers a. Very fine day. [from 3 p.		
30	85	29	61	44.7	44.0	40.0	.272	.288	92	100	SE 6-7	ESE 5-6	10	10	.1161	Squally a. and p. (mist) p. a.		
31	29	59	29	83	42.3	40.9	.259	.240	96	95	N 1	N 2	10	2	.024	Squally a. a. p. Overcast day.		
Means	29	703	29	720	47.3	44.8	40.8	50.2	.282	.273	86.2	91.5	4.2	3.6	7.2	6.1	4.879	

STONYHURST.

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

OCTOBER 1885.

1	29	43	29	79	45.9	48.2	40.9	58.0	.248	.262	81	78	SW 2	WNW 3	10	10	.295	
2	80	46	51.0	53.0	45.8	56.6	.353	.374	94	93	SW 2	SW 4	10	10	.533			
3	77	88	50.0	45.8	44.7	54.6	.265	.204	74	86	W 3	WSW 1	10	10	.179			
4	81	47	48.2	49.0	40.0	52.5	.275	.271	82	78	SW 1	SW 3	10	10	.300			
5	51	56	49.0	41.9	39.7	50.2	.221	.226	64	86	W 4	WSW 1	8	6	.220	▲	during the afternoon.	
6	64	41	48.4	40.9	39.9	49.2	.200	.213	77	83	W 3	NNE 1	10	2	.465			
7	75	89	46.5	45.2	36.5	51.3	.235	.256	75	85	NW 3	WNW 1	3	4	.230			
8	43	25	47.0	44.4	41.4	51.8	.208	.241	93	83	SW 2	W 1	10	10	.280			
9	32	26	46.0	44.3	38.8	50.2	.277	.262	90	90	W 2	W 1	10	8	.210			
10	19	49	46.5	44.1	39.1	48.8	.242	.220	77	75	NNE 1	N 2	10	10	.011			
11	68	69	43.1	39.3	37.1	48.0	.195	.201	69	84	NNW 2	Calm 0	0	0	—	—	before ga.	
12	80	92	41.1	42.9	33.2	48.1	.188	.189	73	70	NNE 1	N 2	9	2	—	—	in past n.	
13	94	29	89	43.5	44.0	38.0	.182	.190	64	66	NW 2	NW 3	8	10	.070			
14	29	84	30	02	45.0	47.9	45.9	.233	.264	78	80	NNW 3	N 1	10	10	.030		
15	30	18	31	49.1	45.9	43.6	.216	.263	91	86	E 2	NNE 2	10	2	.050			
16	13	20	47.6	50.1	43.3	52.9	.312	.333	95	92	NE 3	ENE 1	10	8	—	☁	during the evening.	
17	20	15	46.5	46.4	47.0	53.2	.317	.309	100	99	Calm 0	Calm 0	10	10	.030	☁	during the evening.	
18	18	23	46.1	44.0	44.5	49.2	.307	.253	98	86	NNE 1	NE 1	10	10	—			
19	18	30	09	43.1	41.3	40.6	.204	.204	73	79	Calm 0	Calm 0	10	10	—			
20	30	03	29	93	40.4	42.0	.35.3	.229	.195	84	74	Calm 0	Calm 0	10	10	—		
21	29	79	71	41.1	43.1	38.8	.217	.218	84	78	Calm 0	E 1	10	10	.220			
22	67	68	39.7	40.2	37.8	45.2	.212	.229	87	91	NE 1	NE 1	10	10	.280			
23	65	50	40.1	44.0	37.1	45.3	.221	.241	89	83	NE 2	ENE 2	10	10	.075			
24	41	57	45.1	40.7	39.8	47.7	.230	.204	76	81	NE 4	N 1	10	2	—			
25	29	65	39	36.9	42.7	31.2	.184	.241	85	88	Calm 0	SSW 2	0	10	.610			
26	28	95	17	50.0	43.1	41.7	.336	.221	94	79	W 4	W 3	10	9	.228			
27	29	22	38	40.0	42.9	37.2	.211	.193	86	71	NW 3	W 3	10	10	.080	◀	during the evening.	
28	37	29	50	42.0	42.9	38.3	.225	.210	85	77	W 5	NNW 1	10	0	.273	▲	at intervals during day.	
29	88	30	07	43.4	38.6	35.7	.212	.160	75	69	N 2	Calm 0	8	0	—	—	in past n.	
30	97	29	72	39.1	41.1	31.3	.202	.231	84	89	Calm 0	ESE 2	7	10	.600			
31	29	53	29	76	42.1	40.0	.247	.207	93	84	E 2	NNE 1	10	2	.240			
Means	29	706	29	721	44.6	43.9	39.3	49.5	.246	.237	82.9	82.0	1.9	1.5	8.8	7.3	5.509	

OCTOBER 1885.

WAKEFIELD.

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

OCTOBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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.	%	%	S	4	S	2	8	5	ins.
1	29.43	29.77	49.0	48.8	43.1	50.0	.248	.259	77	75	S	4	S	2	8	5	.030
2	79	73	53.0	55.8	47.1	57.8	.338	.382	84	86	S	6	W	8	10	2	.020
3	71	89	46.0	45.6	44.9	55.8	.251	.285	80	94	W	5	W	5	5	4	.060
4	83	50	48.4	50.2	43.1	56.7	.319	.303	91	84	W	3	SW	7	7	10	.250
5	49	53	45.4	42.8	42.8	53.2	.243	.257	81	94	W	6	NW	4	7	10	.050
6	66	37	47.0	43.0	42.7	45.3	.269	.271	84	93	SW	5	NW	1	8	10	.430
7	72	87	46.8	44.4	33.2	54.6	.230	.271	72	93	W	4	W	2	0	2	.020
8	40	26	48.0	45.4	40.2	54.6	.208	.204	90	88	S	5	S	3	10	6	.110
9	26	24	46.8	45.4	38.6	52.6	.267	.264	84	88	W	3	S	3	8	5	—
10	13	40	45.8	44.8	39.0	49.5	.278	.271	91	92	N	3	N	7	6	10	.080
11	66	66	44.2	36.7	36.0	49.9	.221	.197	75	91	E	2	N	3	8	4	—
12	74	86	44.6	42.8	33.0	49.5	.218	.223	74	81	N	4	W	8	9	2	.010
13	86	80	43.3	43.8	36.2	47.1	.205	.239	73	84	W	6	NW	3	10	10	.070
14	29.76	29.94	47.8	48.6	41.8	50.1	.281	.317	85	93	N	2	NW	2	10	10	.200
15	30.21	30.34	47.6	45.4	38.8	54.8	.309	.287	95	95	E	2	E	2	10	2	.170
16	14	10	49.0	50.6	43.1	52.2	.338	.343	97	93	N	1	N	1	10	10	.070
17	18	13	48.8	48.0	45.6	53.2	.335	.325	97	97	N	2	NW	2	10	10	.080
18	18	21	46.0	45.6	40.0	50.5	.304	.285	98	94	N	2	N	2	10	10	.020
19	15	30.06	45.3	42.0	41.4	49.0	.248	.215	82	82	N	2	W	1	10	8	—
20	30.01	29.93	43.4	42.8	39.2	46.0	.226	.247	80	90	NW	2	NW	2	9	10	—
21	29.78	72	41.8	42.6	39.0	47.5	.238	.232	90	85	SW	2	SW	2	7	10	.240
22	66	64	40.2	42.0	39.2	44.0	.238	.205	96	99	S	1	NE	1	10	10	.530
23	64	45	42.0	43.8	35.0	46.5	.265	.284	99	99	N	2	NE	6	10	10	1.140
24	32	50	43.8	41.8	41.8	45.5	.270	.233	95	88	N	6	N	2	10	0	.060
25	29.60	40	43.4	41.9	31.8	46.9	.218	.237	77	90	N	2	E	2	2	10	.040
26	28.88	20	51.6	43.0	37.0	52.8	.351	.258	92	93	SW	5	W	3	10	0	.080
27	29.14	34	42.0	40.6	40.0	46.5	.219	.196	83	78	W	7	W	8	7	3	.060
28	33	29.45	43.0	42.8	39.6	47.0	.220	.240	82	88	NW	8	W	3	6	8	.010
29	82	30.04	44.6	37.6	37.6	48.7	.243	.196	82	87	NW	3	N	2	3	2	—
30	99	29.73	41.6	42.8	35.3	44.5	.239	.251	92	92	NW	2	NE	2	9	10	.370
31	29.54	29.72	43.8	41.6	41.2	44.5	.279	.239	98	92	E	1	NW	1	10	10	.460
Means	29.698	29.695	45.6	44.3	39.6	50.0	.265	.262	86.2	89.8	3.5		3.2		8.0	6.8	4.860

BUXTON.

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

OCTOBER 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	39.8	44.1	37.6	51.2	ins.	ins.	77	89	SW 1	SW 2	4	6	ins.	before 9a. (mist) 9p.
2	29.47	29.81	47.6	51.6	41.9	53.2	2317	2361	97	95	SW 1	W 2	10	10	225	Overcast, with showers.
3	74	91	44.7	40.9	40.9	52.4	2355	2351	79	99	W 2	W 1	7	7	010	before 9a. showers. Bright [afternoon].
4	83	53	47.5	45.4	37.2	51.4	2447	2485	76	94	W 1	W 1	2	10	030	showers.
5	56	57	45.8	44.4	38.5	47.5	2226	2265	74	91	W 1	NW 1	9	2	215	showers.
6	66	38	44.5	41.6	38.7	45.0	2220	2243	78	93	W 2	Calm	3	4	720	before 9a. Cold and overcast, with showers. (mist) 9p.
7	74	92	42.9	41.3	36.1	49.7	2230	2244	83	95	NW 1	SW 1	5	1	030	showers.
8	50	28	43.3	41.7	39.8	49.1	2265	2244	95	93	SW 1	SW 2	10	3	300	showers.
9	31	28	43.5	41.6	37.9	48.8	2240	2250	85	95	NW 1	W 1	4	7	115	
10	14	43	41.7	41.0	37.8	46.3	2251	2235	95	92	Calm	N 1	10	10	165	9a. Dull all day with showers.
11	66	69	40.2	37.8	37.1	46.3	2199	2124	81	94	Calm	NW 1	4	4	—	Very cold wind.
12	75	88	40.0	40.6	29.1	45.4	2190	2047	77	81	Calm	NW 1	6	7	—	Overcast, with very cold wind.
13	90	86	39.4	40.8	33.5	42.5	2168	2070	70	82	NW 1	NW 1	2	9	775	Cold and overcast.
14	29.81	29.97	38.6	45.1	34.9	46.4	2118	2274	93	91	NW 1	N 1	8	9	300	Cold and overcast.
15	30.14	30.25	46.7	43.5	42.9	56.3	2278	2256	88	90	E 1	E 2	10	2	030	Fine afternoon.
16	09	19	46.7	48.1	43.0	50.4	2304	2331	96	98	NE 1	E 1	10	6	026	Fine afternoon. at night.
17	20	16	42.9	42.0	38.1	52.5	2272	2247	99	93	Calm	Calm	3	1	—	9a. and 9p.
18	17	20	46.7	42.8	36.3	49.0	2302	2238	85	87	Calm	Calm	10	2	—	Dull and overcast.
19	17	30.10	39.9	37.6	35.8	42.8	2200	2177	82	78	Calm	NW 1	9	7	—	Overcast and cold.
20	30.03	29.95	38.6	37.1	36.2	44.5	2182	2205	78	93	Calm	Calm	10	9	—	Overcast and cold.
21	29.79	29.60	38.6	37.7	36.0	42.2	2162	2216	93	96	Calm	Calm	9	10	340	Overcast and cold.
22	66	65	36.8	40.2	36.2	40.4	2123	2242	98	97	Calm	Calm	10	10	430	Overcast and cold.
23	61	40	39.5	40.7	36.1	41.3	2131	2238	96	94	NE 1	E 3	10	10	900	Overcast and cold.
24	30	54	40.5	38.7	38.2	42.1	2229	2217	91	92	NE 2	NW 1	9	10	080	Overcast and very cold.
25	29.65	44	38.2	39.5	32.7	44.4	2124	2228	93	94	NW 1	Calm	3	9	080	Fine a. Overcast, with p.
26	28.93	18	49.5	40.3	39.0	49.7	2336	2309	96	84	W 2	W 3	10	7	060	Windy.
27	29.21	43	37.3	35.0	34.4	41.4	2203	2193	91	95	SW 2	NW 4	9	7	590	a. and p. Windy.
28	39	29.46	37.2	39.7	34.2	41.2	2208	2230	94	94	NW 1	W 3	10	3	490	a. Cold and windy.
29	29.85	30.07	39.3	35.6	34.3	45.7	2204	2162	86	77	NW 1	Calm	3	1	—	Fine a. Overcast and cold, with p.
30	30.01	29.72	33.7	38.7	28.2	40.3	2168	2220	87	97	ESE 1	SE 3	8	10	710	Cold, with showers.
31	29.48	29.71	39.7	39.0	36.9	40.3	2230	2208	94	88	E 2	SE 1	10	6	360	
Means	29.697	29.716	41.7	41.1	36.7	46.4	2232	2238	87.6	91.3	0.9	1.2	7.3	6.4	9.561	

HILLINGTON, NORFOLK.

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

OCTOBER 1885.

1	29.52	29.85	47.5	47.6	40.9	55.4	2265	2262	82	80	SW 4	SW 5	4	0	038	Very fine and sunny. (gale) at night.
2	92	67	48.9	54.0	40.6	50.1	2296	2371	86	89	SW 4	SW 7	10	10	060	Overcast all day. 8p.
3	80	95	50.1	42.1	40.1	57.0	2299	2238	83	89	SW 6	NW 1	10	0	003	a. Very fine and sunny.
4	89	66	44.9	49.0	36.0	57.0	2270	2293	91	85	SW 1	W 3	8	10	120	a. Fine day.
5	60	59	46.6	41.8	41.0	51.9	2231	2243	73	92	W 4	SW 2	7	0	018	a. Fine day.
6	72	20	46.5	51.8	37.1	51.9	2251	2360	80	95	SW 5	SW 4	1	10	1020	Fine and sunny a. from 1.30p.
7	67	89	45.2	43.0	40.4	54.6	2243	2251	81	90	NW 5	W 2	0	2	012	early a. Day very fine and sunny.
8	65	32	43.4	44.8	37.0	53.9	2244	2269	87	91	SW 5	SW 0.5	10	4	230	a. p.
9	29	28	44.9	46.2	33.0	52.6	2269	2279	90	91	W 1	SW 3	4	10	050	Very fine and sunny. p.
10	07	28	43.8	47.4	36.0	52.5	2276	2203	97	90	N 2	NE 5	6	8	090	
11	52	61	47.1	42.9	42.0	49.1	2226	2202	71	73	N 6	N 2	9	7	028	
12	62	73	43.0	43.0	37.2	49.5	2251	2253	90	91	NW 4	NW 4	10	10	126	Blustering, with showers.
13	75	67	41.1	43.6	38.9	43.7	2228	2263	89	93	NW 5	NW 6	10	10	517	Blustering nearly all day.
14	29.67	29.88	44.5	48.8	42.2	51.4	2275	2343	94	99	NW 3	W 1	10	10	206	Blustering, with till 4p.
15	30.19	30.13	49.6	50.8	41.2	54.5	2306	2379	87	86	SE 1	SE 7	0	10	038	Very fine and sunny. at night.
16	07	19	52.5	43.7	43.7	62.8	2375	2285	96	100	E 3	W 0.5	10	0	012	Day very fine, sunny, and warm. (mist) p.
17	18	13	44.9	47.7	35.5	51.3	2296	2331	99	100	SW 0.5	SW 0.5	10	10	022	a. Overcast and very damp all day.
18	15	17	47.1	40.1	44.0	53.0	2317	2299	98	96	NE 0.5	NE 0.5	10	10	075	
19	30.10	30.02	44.8	41.6	41.0	49.7	2250	2208	84	79	NW 0.5	NE 1	6	10	040	1.45p.
20	29.96	29.93	44.7	35.7	35.2	50.4	2259	2201	88	97	NW 1	NW 1	5	6	038	Overcast all day.
21	82	71	41.4	42.1	35.7	40.5	2245	2255	95	95	SE 1	SE 1	10	10	—	Overcast all day.
22	61	65	46.9	42.9	41.5	48.6	2259	2252	81	91	SE 3	E 1	9	4	—	from 1p. (gale) at night.
23	16	34	46.8	43.6	43.1	48.1	2305	2266	95	93	SE 2	NW 6	10	10	407	early a.
24	29.58	29.54	41.9	37.1	35.9	48.3	2224	2197	85	89	NW 4	NW 0.5	0	9	200	Very fine and sunny.
25	28.99	21	50.3	41.9	36.9	54.4	2355	2228	97	87	W 4	W 4	10	7	150	Fine from 10.30a.
26	18	40	42.1	39.6	39.1	46.3	2235	2193	89	79	NW 6	WNW 3	10	7	—	
27	40	37	41.0	42.8	36.7	47.3	2210	2253	82	92	WNW 5	W 6	5	10	055	Fine, but with cold wind.
28	29.72	29.99	43.8	41.1	39.8	49.2	2250	2231	91	90	NE 3	N 1	7	4	030	
29	30.02	28	38.4	42.1	30.0	47.5	2218	2247	94	93	N 1	E 1	8	8	335	a.
30	29.49	29.55	42.6	41.5	40.3	45.4	2271	2241	99	93	E 5	E 6	10	10	637	all day. Blustering and cold.
Means	29.674	29.680	45.2	44.3	38.7	51.2	2267	2266	88.4	90.5	3.1	2.9	7.0	7.3	5.407	

UPPINGHAM.

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

OCTOBER 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°6	44°3	40°0	53°8	in.	in.	77	81	swb.w 4	W 2	0	0	ins.		
2	29°51	29°84	48°6	44°3	42°0	55°7	2276	2270	81	93	SbyW 2	SSW 8	10	10	020	Gloomy all day. p.	
3	91	94	48°6	41°4	41°2	54°7	2273	2246	80	95	W by S 2	W 1	0	0	—	a. Evening obs. taken at 9.30p.	
4	88	64	45°5	47°2	39°1	55°0	2289	2300	95	93	sw b.s 1	S 5	6	10	130	a. Overcast from 3.30p.	
5	59	61	45°2	38°9	38°8	50°8	2266	2231	89	98	WSW 3	WSW 1	9	0	021	showers noon-8p.	
6	72	30	45°1	51°6	36°2	51°6	2246	2263	82	95	W by S 4	sw b.s 5	5	10	031	Bright 6a. a. from noon.	
7	71	93	44°1	41°0	41°0	53°7	2241	2242	82	94	W 4	WhyN 1	0	1	109	a. Bright and sunny all day.	
8	60	33	42°6	44°2	37°3	53°9	2266	2283	98	98	Sby W 3	SW 1	10	2	164	Very gloomy a.	
9	32	32	43°8	43°7	39°0	51°1	2253	2262	88	92	WNW 2	WSW 1	1	3	011	a. Bright till noon. Overcast p.	
10	07	31	40°8	44°0	38°9	49°7	2241	2272	95	94	s.e.b.s 3	NNE 2	9	10	051	a. ga. Cloudy day.	
11	57	65	42°9	37°4	36°8	47°9	2216	2194	79	87	Nby W 3	Nby W 2	9	10	051	Cloudy a. Bright and sunny p.	
12	68	78	39°2	43°3	32°9	48°5	2122	2227	88	81	Nby W 3	N 5	0	7	—	a.	
13	83	77	41°6	43°6	35°1	43°9	2206	2234	79	79	NNW 4	N 6	8	10	312	from noon. Squally op.	
14	29°73	29°89	42°2	46°5	38°1	48°0	2243	2266	90	97	NW 5	NNW 1	9	10	370	all day.	
15	30°14	30°17	47°6	45°1	43°2	55°6	2315	2276	96	92	s.e.b.y 1	NNE 4	7	7	219	a. 11p.	
16	05	18	50°0	42°9	42°9	60°1	2276	2296	99	100	E by N 2	Calm	0	10	010	ga. Puffy. Cloudless p.	
17	19	14	43°9	44°9	39°0	50°9	2287	2285	100	96	Calm	0	WNW 1	10	—	a. Sunny early p., then .	
18	16	19	45°2	41°8	41°2	46°6	2297	2256	99	97	NNW 1	NNW 1	10	4	059	a. Very gloomy 11a. op.	
19	30°14	30°06	42°0	40°0	36°9	45°4	2247	2217	93	88	Nby E 2	N 1	9	10	—	a. Dull and overcast p.	
20	29°99	29°96	40°9	40°1	37°8	47°5	2218	2236	86	95	Nby W 2	N 1	10	10	—	Dull and overcast.	
21	81	68	40°1	40°6	38°1	47°0	2210	2242	85	96	S by W 1	Calm	0	10	057	Dull and threatening.	
22	62	63	42°5	42°4	40°0	46°9	2257	2262	94	97	E 1	Calm	0	10	—	Gloomy day. (mist).	
23	58	33	42°0	44°6	36°6	44°6	2241	2295	91	100	ENE 2	NbyN 4	10	10	1219	Gloomy, with (mist) a. from	
24	11	44	42°0	41°9	40°7	45°5	2265	2298	99	87	NNW 4	NbyW 5	10	10	035	6a. Scotch ga. p.	
25	63	52	37°9	38°5	34°4	48°1	2205	2207	90	89	WNW 2	S 2	8	10	155	a. Sunny day. 9p.	
26	00	23	52°0	41°2	38°2	53°6	2361	2231	93	90	swbyw 4	WNW 2	10	9	050	Gloomy, with a.	
27	22	43	42°4	38°1	37°5	43°9	2223	2194	83	84	WNW 4	swb.w 3	3	1	050	showers a. p.	
28	42	29	42	42	40	35	44	205	244	83	98	W 3	NW 5	0	9	258	a. Squally p.
29	29°78	30°02	41°4	39°0	37°5	47°9	2228	2222	88	94	NW 3	N 2	0	1	—	ga.	
30	30°00	29°77	36°8	40°0	32°0	45°0	2204	2245	94	99	SE 1	E by N 1	10	10	572	a. Sunny a. Overcast p. n.	
31	29°44	29°60	42°1	38°6	38°1	43°3	2264	2213	98	92	ESE 1	Nby E 4	10	10	420	Very gloomy, with .	
Means	29°683	29°701	43°5	42°6	38°2	49°5	2256	2255	90°1	92°8	2°4	2°5	6°9	6°6	5°223		

GELDESTON (BECCLES).

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

OCTOBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	50.0	48.8	44.9	50.6	ins.	ins.	80	83	SW 2	WSW 2	9	0	ins.	0.00
2	29.55	29.80	51.0	50.0	42.8	50.8	2.99	3.68	80	82	WSW 1	SW 4	10	10	0.00	0.00
3	'95	'76	51.0	50.0	42.8	50.8	2.99	3.68	80	82	WSW 1	SW 4	10	10	0.00	0.00
4	'79	'96	51.1	44.7	43.9	50.1	2.75	2.55	73	87	W 2	WSW 1	0	0	0.00	0.00
5	'91	'72	46.7	50.0	38.1	55.7	2.79	3.04	88	85	WSW 1	SW 2	10	10	0.00	0.00
6	'62	'59	49.2	45.1	44.0	51.6	2.57	2.74	73	91	WSW 4	WSW 1	10	0	0.00	0.00
7	'74	'33	47.8	53.4	39.0	54.7	2.45	3.66	74	90	W 3	W 4	0	10	0.00	0.00
8	'65	'90	45.4	43.0	40.8	53.9	2.48	2.53	82	91	NW 3	W 1	0	0	0.00	0.00
9	'71	'36	45.0	46.4	38.9	51.9	2.51	2.71	84	87	SSW 2	SW 1	10	0	0.00	0.00
10	'28	'30	44.2	48.1	37.8	53.6	2.63	2.64	91	79	WNW 1	WSW 2	1	8	0.00	0.00
11	'06	'21	45.0	46.1	37.8	50.6	2.77	2.82	93	91	NNE 1	NNE 1	10	2	0.00	0.00
12	'44	'58	48.1	44.1	42.8	50.9	2.25	2.04	67	70	N 3	N 2	10	9	0.00	0.00
13	'56	'68	41.9	43.9	35.0	48.6	2.48	2.66	94	93	WNW 2	NW 2	10	6	0.00	0.00
14	'70	'63	42.9	44.9	39.8	44.9	2.37	2.78	86	94	NW 3	NW 3	10	10	0.00	0.00
15	29.63	29.85	44.0	46.2	43.2	47.8	2.76	3.08	93	99	W 2	SW 2	10	10	0.00	0.00
16	30.19	30.09	51.0	54.0	42.1	54.0	2.92	3.32	78	79	SE 2	NNE 4	0	10	0.00	0.00
17	'08	'17	54.1	46.0	44.2	62.9	4.11	2.89	98	94	SE 1	Calm 0	10	1	0.00	0.00
18	'17	'13	43.1	46.1	39.0	49.0	2.78	3.10	100	99	Calm 0	Calm 0	10	10	0.00	0.00
19	'14	'15	47.1	47.0	44.0	50.8	3.22	3.01	99	94	N 1	NNW 1	10	10	0.00	0.00
20	30.10	30.00	47.0	41.6	38.7	49.6	2.66	2.50	83	95	NNE 1	N 1	8	6	0.00	0.00
21	29.94	29.93	45.1	38.9	38.0	49.3	2.74	2.21	91	94	NNW 1	W 1	8	3	0.00	0.00
22	'84	'70	40.1	44.1	34.4	46.3	2.44	2.45	98	84	Calm 0	ENE 1	10	10	0.00	0.00
23	'61	'64	46.9	43.1	41.7	49.7	2.74	2.39	86	85	ENE 1	ENE 1	9	0	0.00	0.00
24	'21	'34	46.8	50.2	40.8	50.2	2.57	3.56	81	98	E 2	E 3	10	10	0.00	0.00
25	'56	'28	40.8	47.0	43.3	50.8	3.20	3.01	89	94	S 3	WNW 3	10	10	0.00	0.00
26	'04	'21	49.9	43.3	38.7	55.8	3.46	2.50	97	89	SSW 3	W 3	10	2	0.00	0.00
27	'18	'41	42.9	41.1	40.6	46.7	2.55	1.98	92	77	W 2	WSW 4	10	0	0.00	0.00
28	'40	'39	42.1	43.0	37.8	46.9	2.11	2.55	79	92	W 4	WSW 2	1	10	0.00	0.00
29	29.67	'94	46.1	40.8	40.0	49.9	2.86	2.36	92	93	NNW 2	NW 1	4	0	0.00	0.00
30	30.01	'84	39.2	44.2	34.1	47.6	2.34	2.65	92	92	Calm 0	ESE 1	7	10	0.00	0.00
31	29.49	29.45	44.1	43.1	41.9	46.5	2.66	2.72	92	97	SE 4	ENE 4	10	10	0.00	0.00
Means	29.671	29.673	46.2	45.6	40.2	51.2	2.72	2.75	87.1	89.3	1.9	1.9	7.5	5.7	5.560	

CHELTENHAM.

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

OCTOBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	29.55	29.93	49.0	48.6	42.2	56.1	2.95	2.81	85	83	SW 5	W 5	2	0	0.00	0.00
2	'04	'68	53.8	56.1	46.5	57.0	3.65	3.67	87	81	SW 4	SW 6	10	10	0.00	0.00
3	'89	'98	50.2	40.8	40.2	56.1	2.67	2.40	75	95	W 2	Calm 0	0	0	0.00	0.00
4	'89	'68	49.3	50.5	36.2	56.0	3.06	3.28	88	90	W 2	W 5	6	10	0.00	0.00
5	'69	'66	48.2	44.3	44.3	51.3	2.64	2.60	79	89	Calm 0	Calm 0	10	0	0.00	0.00
6	'77	'41	50.0	54.0	36.5	55.0	2.75	3.74	77	88	SW 1	SW 5	6	10	0.00	0.00
7	'82	'99	47.2	38.1	35.2	54.8	2.65	2.30	82	100	W 3	W 1	5	0	0.00	0.00
8	'56	'37	51.6	48.0	35.0	57.6	3.40	3.03	89	91	SW 7	SW 2	10	10	0.00	0.00
9	'38	'35	44.6	47.8	35.2	54.3	2.56	2.86	87	86	W 3	W 1	0	10	0.00	0.00
10	'04	'41	45.2	45.4	44.1	51.8	2.75	2.69	92	89	NE 6	SW 7	10	10	0.00	0.00
11	'65	'71	43.2	39.5	36.4	49.0	2.51	2.26	89	94	NW 4	Calm 0	8	10	0.00	0.00
12	'76	'88	36.5	38.6	27.2	47.5	1.99	2.20	93	94	W 1	Calm 0	0	10	0.00	0.00
13	'95	'88	42.0	40.5	35.0	47.2	2.04	2.15	77	86	NW 1	Calm 0	9	0	0.00	0.00
14	29.86	29.94	42.0	47.6	35.4	47.6	2.58	3.13	97	95	NW 2	NW 1	10	10	0.00	0.00
15	30.10	30.14	47.9	46.6	45.2	54.2	3.08	2.83	93	90	SE 5	S 7	10	10	0.00	0.00
16	'00	'15	52.5	47.2	46.2	58.0	3.70	2.89	94	90	E 6	E 1	8	0	0.00	0.00
17	'21	'16	38.2	41.6	35.4	52.6	2.31	2.63	100	100	E 1	Calm 0	10	5	0.00	0.00
18	'18	'19	44.0	40.8	36.4	53.2	2.88	3.08	100	97	Calm 0	Calm 0	8	10	0.00	0.00
19	'14	30.05	45.4	42.2	42.2	47.5	2.52	2.25	84	85	E 2	Calm 0	5	10	0.00	0.00
20	30.03	29.95	39.7	41.5	32.0	47.0	1.90	2.31	77	90	Calm 0	W 1	10	10	0.00	0.00
21	29.79	'59	43.2	46.9	41.2	50.1	2.42	3.05	87	96	SE 3	SE 3	10	10	0.00	0.00
22	'58	'60	45.8	43.8	43.2	49.5	2.74	2.81	89	99	SE 1	SE 1	10	6	0.00	0.00
23	'51	'27	45.0	46.6	43.5	46.6	2.65	3.06	89	97	E 5	E 5	10	10	0.00	0.00
24	'29	'57	43.8	45.0	42.2	46.6	2.63	2.44	92	82	NW 4	NW 4	10	10	0.00	0.00
25	'70	'51	38.8	44.0	29.0	48.6	2.66	2.61	88	90	SW 2	S 3	5	5	0.00	0.00
26	'10	'31	53.8	47.0	42.0	57.0	3.85	2.55	93	80	SW 5	Calm 0	10	9	0.00	0.00
27	'34	'53	45.8	41.0	41.0	48.5	2.38	2.19	78	86	NW 7	W 2	8	2	0.00	0.00
28	'53	29.54	41.9	44.6	39.1	46.6	2.25	2.63	86	89	NW 1	NW 1	10	0	0.00	0.00
29	'88	30.07	40.6	53.5	33.5	49.6	2.46	1.92	97	100	Calm 0	Calm 0	2	0	0.00	0.00
30	'96	29.64	39.2	43.8	31.2	43.8	2.22	2.79	92	86	SE 4	SE 4	10	10	0.00	0.00
31	29.39	29.65	44.2	41.0	40.5	45.0	2.90	2.21	100	86	Calm 0	Calm 0	10	10	0.00	0.00
Means	29.724	29.735	45.2	44.6	38.5	51.1	2.68	2.69	88.3	90.8	2.8	2.1	7.5	6.7	2.890	

CARMARTHEN.

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

OCTOBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	51.6	47.4	40.0	57.3	ins.	ins.	81	83	NW 4	NW 3	9	0	ins.	Squally p.
2	29.58	29.96	54.8	54.3	47.0	57.3	3.49	3.81	81	90	SW 5	NW 6	10	10	0.380	Squally p.
3	'93	'65	54.8	54.3	47.0	57.3	3.49	3.81	81	90	SW 5	NW 6	10	10	0.010	Fine day.
4	'89	'96	52.8	42.0	41.1	57.3	2.77	2.49	70	94	W 3	W 1	7	2	0.280	Frequent ● showers. Squally p.
5	'86	'63	48.7	52.0	38.1	56.1	2.92	3.58	85	92	Calm 0	SW 7	2	7	0.150	Frequent ● showers.
6	'68	'74	46.3	41.2	40.5	52.6	2.56	2.39	83	93	W 1	Calm 0	10	0	0.480	all day.
7	'73	29.44	45.7	54.5	37.5	55.3	2.90	4.16	95	98	Calm 0	SW 5	10	10	0.240	Fine day.
8	'87	30.00	53.8	39.0	38.4	56.8	2.85	2.33	69	98	N 3	N 1	3	2	0.210	Squally before 9a. Frequent ● showers.
9	'58	29.36	52.8	45.0	36.5	56.3	3.23	2.75	80	92	NW 5	SW 2	7	10	0.520	
10	'43	'37	52.8	45.9	40.9	55.9	3.08	2.99	77	98	NW 2	NE 1	6	10	0.010	
11	'13	'53	50.5	46.9	42.5	53.2	2.60	2.39	71	76	N 4	N 7	4	5	0.420	in evening.
12	'69	'77	48.5	41.0	38.3	52.7	2.59	2.31	76	90	E 1	NW 1	3	5	0.020	in evening.
13	29.77	'95	44.9	46.1	36.1	50.8	2.37	2.42	80	78	N 1	N 4	0	2	0.070	
14	29.00	'95	47.9	42.6	39.7	50.6	2.08	2.44	63	89	N 6	N 1	4	2	0.010	
15	29.01	29.98	46.5	48.1	40.2	52.7	2.58	3.08	83	92	N 4	N 4	10	4	0.070	
16	30.05	30.09	51.4	46.4	45.4	54.8	2.96	2.51	79	81	NE 3	S 4	2	10	0.010	
17	29.94	'00	52.4	48.5	45.3	57.0	3.45	2.94	88	87	E 5	E 2	10	0	0.010	
18	30.18	'17	52.8	39.5	39.1	61.1	3.23	2.36	80	98	E 2	Calm 0	0	0	0.010	
19	'18	'15	45.1	48.2	32.0	50.2	2.70	3.17	90	95	E 1	NE 1	0	10	0.010	
20	'12	30.08	49.8	43.0	42.4	50.4	2.89	2.15	81	78	E 1	NE 2	10	7	0.010	
21	30.05	29.90	41.7	42.0	38.5	45.1	2.32	2.41	88	91	NW 1	NW 1	10	10	0.310	Overcast all day.
22	29.04	'51	46.2	47.9	40.7	48.4	3.08	3.11	99	94	SE 1	E 2	10	10	0.380	all day.
23	'56	'52	45.9	44.5	44.0	49.5	2.95	2.70	96	93	E 1	E 1	10	10	0.030	Overcast all day.
24	'45	'31	44.9	43.0	40.2	46.3	2.55	2.42	86	87	E 2	N 5	10	10	0.240	Overcast all day.
25	'44	'65	49.4	42.3	41.9	51.0	2.67	2.50	76	93	N 6	NW 1	7	8	0.800	showers p.
26	'68	'42	47.9	49.9	38.4	50.2	2.55	3.60	77	100	Calm 0	SW 1	6	10	0.040	p.
27	'14	'30	54.2	40.1	45.8	55.3	3.82	2.81	91	91	W 6	W 1	10	10	0.150	
28	'41	'58	48.5	43.6	43.6	50.6	2.27	2.21	67	78	NW 6	W 4	6	5	0.030	
29	'58	29.65	45.9	46.1	42.0	49.4	2.19	2.72	72	88	NW 7	NW 6	5	9	0.150	showers p.
30	'91	30.03	47.7	38.0	37.4	55.3	2.80	2.15	85	94	N 1	NE 1	5	4	0.010	Fine day.
31	'84	29.52	43.0	46.9	36.6	47.4	2.55	2.17	92	99	SE 4	Calm 0	10	10	0.520	all day.
32	29.48	29.79	45.9	44.2	42.3	48.3	2.95	2.52	96	87	N 2	N 3	10	5	0.260	
Means	29.732	29.743	48.7	45.4	40.4	53.0	2.81	2.75	81.8	90.2	2.8	2.5	6.6	6.6	5.720	

MARGATE.

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

OCTOBER 1885.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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	49.2	44.7	50.9	in.	in.	79	84	SW 3	SW 3	10	10	ins.	Fine day.
2	29.61	29.84	51.3	55.7	43.1	59.8	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	Dull and windy.
3	29.04	29.87	51.3	55.7	43.1	59.8	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Fine, but cool.
4	29.87	30.01	52.4	47.6	46.8	57.0	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	Fine, but cool.
5	29.81	29.81	49.1	51.1	41.1	57.7	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	Dull day.
6	29.66	29.66	50.5	47.3	46.2	53.5	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	Dull day.
7	29.61	29.61	48.6	50.2	40.1	57.2	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	in past n. Sunny day.
8	29.72	29.72	46.0	45.0	44.3	57.0	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	most of day. Stormy afternoon.
9	29.79	29.79	48.9	47.8	39.9	53.8	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
10	29.33	29.33	45.8	46.2	43.1	52.6	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
11	29.96	29.96	47.2	49.2	44.0	50.4	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
12	29.40	29.40	48.9	45.0	44.4	50.2	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
13	29.62	29.62	42.9	46.0	40.4	48.6	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
14	29.74	29.74	42.1	44.0	41.4	46.8	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
15	29.74	29.74	43.1	41.7	40.9	47.4	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
16	29.16	29.16	48.2	54.1	41.1	54.3	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
17	29.07	29.07	54.0	51.0	49.1	59.5	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
18	29.18	29.18	49.7	50.1	40.7	55.5	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
19	29.16	29.16	49.1	49.9	46.1	51.6	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
20	29.09	29.09	47.7	46.3	46.1	50.8	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
21	29.93	29.93	46.0	47.5	43.1	50.2	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
22	29.85	29.85	44.0	45.8	41.2	49.0	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
23	29.59	29.59	46.0	46.1	43.4	47.8	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
24	29.56	29.56	48.0	50.3	45.3	50.8	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
25	29.24	29.24	49.6	45.2	44.1	51.4	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
26	29.64	29.64	42.8	38.9	38.1	48.7	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
27	29.13	29.13	52.3	48.0	37.5	56.9	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
28	29.26	29.26	45.6	40.8	40.1	49.3	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
29	29.50	29.50	41.9	43.2	37.0	48.0	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
30	29.70	29.70	44.0	44.6	43.1	49.4	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
31	29.03	29.03	40.0	46.8	38.9	47.1	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.
Means	29.73	29.73	47.1	47.3	42.5	52.3	29.61	29.69	79	84	SW 3	SW 4	10	10	ins.	before 9a. Dull day.

SOUTHAMPTON.

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

OCTOBER 1885.

1	29.64	29.98	52.7	48.7	44.1	58.2	*302	*298	76	87	W	3	NW	2	4	0	—	Fine and pleasant.
2	30.04	29.84	55.5	50.9	46.0	59.6	*305	*375	83	81	SW	3	SW	6.5	10	10	*260	☞ (force 6 to 7) p.
3	29.93	30.03	55.1	45.9	45.9	61.5	*299	*288	69	94	NW	1.5	NW	0.5	0	0	—	Beautiful day throughout. ☞ n.
4	*96	29.79	47.8	51.5	39.9	60.6	*296	*334	80	88	SW	1	SW	3.5	9	3	*093	☞ ☞ till 9a. Beautiful day till 5p.
5	*74	*70	51.4	49.3	48.8	55.1	*321	*326	85	93	SW	2.5	W	1	10	10	*104	☞ showers.
6	*84	29.56	52.0	50.3	43.0	58.5	*289	*390	75	86	WSW	1.5	SW	5.5	10	10	*117	Fine a. ☞ showers p. ☞ in SSE. 9p.
7	*81	30.02	52.3	44.3	43.6	59.1	*282	*261	72	90	NW	2.5	WNW	1	0	0	*055	☞ ☞ (force 7) in past n. Beautiful day. ☞ n.
8	*74	29.44	50.7	51.1	37.4	57.5	*348	*320	94	84	SW	4.5	WSW	3	10	10	*202	☞ 7a.—1p., then fine.
9	29.42	*40	49.3	48.8	40.0	56.6	*282	*303	80	88	NW	1.5	SW	1.5	0	10	*072	Fine and very pleasant.
10	28.87	*35	51.3	47.0	45.9	52.7	*322	*266	85	83	NE	4.5	NW	4	9	10	*010	☞ n. and early a. Cold wind.
11	29.57	*70	45.9	38.2	38.2	51.0	*244	*260	79	90	N	4	NW	1.5	9	0	—	Fine and dry, with cold wind. ☞ p.
12	*72	*83	43.0	42.3	33.4	51.5	*217	*226	79	84	N	2.5	N	4	0	0	—	☞ early a. Fine and dry throughout.
13	*92	*89	44.2	44.3	36.1	51.5	*293	*241	70	82	NNW	4	NW	3.5	1	10	*050	Fine and pleasant, with cold wind a.
14	29.85	29.91	44.0	45.9	40.8	48.7	*263	*292	91	95	NW	2	SW	2	10	10	*176	—
15	30.09	30.00	49.8	48.3	45.8	56.1	*310	*282	87	84	ESE	3	NE	5	9	10	*235	Fine and mild a.
16	29.99	*12	52.4	46.7	46.7	56.4	*329	*302	83	95	SE	4	NE	1	10	2	—	☞ 2 till 5a. Beautiful day throughout.
17	30.19	*17	45.3	45.7	39.7	60.5	*297	*290	99	95	Calm	0	Calm	0	7	2	—	☞ a. ☞ 2 a. and p. Large ☞ ap.
18	*19	*17	43.6	47.8	37.6	57.6	*274	*312	97	94	SSE	0.5	ENE	1	10	10	—	☞ a. Beautiful day. ☞ 2 a. and p.
19	*10	30.02	45.9	44.8	42.1	53.1	*276	*255	90	86	NE	2	N	2	10	10	—	Fine and pleasant, with cold wind. ☞ p.
20	30.01	29.97	42.7	42.6	39.0	49.9	*216	*235	79	87	NW	2.5	Calm	0	10	10	—	Fine and dry throughout. ☞ p.
21	29.82	*59	45.9	47.4	41.2	52.2	*276	*317	90	97	SSE	1	SE	3.5	10	10	*585	☞ nearly all day.
22	*55	*58	45.1	43.3	43.3	48.8	*279	*270	93	96	NE	2	E	0.5	10	10	*100	Overcast all day. ☞ at night.
23	*45	*29	45.1	48.8	42.1	51.6	*293	*331	97	95	ESE	3	SW	1	10	10	*405	☞ 6a.—1p.
24	*28	*56	47.2	45.9	44.8	49.9	*273	*256	85	84	NW	3	NW	4	6	10	—	Fine and pleasant.
25	*72	*59	41.3	46.5	33.9	53.9	*213	*281	82	89	W	0.5	SW	0.5	0	10	*187	☞ a. and p. Beautiful day throughout.
26	*30	*36	53.8	49.0	45.0	59.3	*391	*224	94	85	WSW	3	W	3	10	10	*030	☞ 0 till 1p., then fine. ☞ grass n.
27	*39	*60	47.8	42.9	42.3	52.7	*260	*292	79	81	NW	4	WNW	3.5	6	2	—	Beautiful day throughout. ☞ on
28	*59	29.60	44.7	46.4	38.6	51.3	*236	*240	80	77	W	3	NW	5	1	7	—	☞ on grass a. Fine day, cold wind.
29	29.83	30.06	45.8	40.8	40.4	53.7	*246	*223	80	88	NNW	4	NW	0.5	0	0	—	Beautiful day throughout. ☞ a. and
30	30.01	29.68	39.8	46.4	35.1	47.5	*225	*311	92	98	SE	1.5	SE	5.5	10	10	*460	☞ from 11.30a. ☞ p.
31	29.41	29.52	46.9	41.9	40.8	48.7	*299	*327	94	90	NW	2.5	NW	5	10	10	*195	☞ till 8.30a., and from 11a.—8p.
Means	29.737	29.752	47.7	46.6	41.3	54.4	*281	*283	84.8	88.6	2.5	2.6	6.8	7.0	5	9.35		

ST. LEONARDS.

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

OCTOBER 1885.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	49.4	48.6	46.7	57.8	in.	in.	83	86	SW 3	W 3	10	0	ins.	[A ² 2.30a. R ⁰ p.]
2	29.65	29.95	54.5	56.8	44.8	58.1	29.65	29.95	81	80	SSW 2	SSW 6	10	10	ins.	Squally and rough in past n. R ⁰ p.
3	29.07	29.91	54.5	56.8	44.8	58.1	29.65	29.95	81	80	SSW 2	SSW 6	10	10	ins.	Overcast day. from 4p.
4	29.89	30.02	52.0	47.4	47.4	58.0	29.89	30.02	69	65	W 4	NW 1	0	0	ins.	Fine day.
5	29.83	29.83	49.7	52.5	45.2	56.4	29.83	29.83	80	82	W 1	SW 3	10	2	ins.	p. Squally [before midnight. (moderate gale)]
6	29.75	29.69	51.0	48.6	47.5	55.8	29.75	29.69	80	87	WSW 3	W 1	10	10	ins.	(severe gale) n. all day.
7	29.56	29.56	50.5	56.4	41.1	57.2	29.56	29.56	72	83	W 3	WSW 6	0	10	ins.	Fine till noon, then (gale) from 6p.
8	29.74	29.74	47.4	44.2	42.4	57.1	29.74	29.74	76	82	NW 4	NW 2	0	0	ins.	(gale) early a. Fine

BABBACOMBE.

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

OCTOBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	50°0	47°0	43°4	57°0	ins.	ins.	81	85	WSW 4	WSW 3	9	3	ins.	Frequent showers. Δ p.
2	29°66	29°51	54°3	55°2	45°4	57°2	355	396	84	91	WSW 4	SW 8	10	10	230	☉ (mist) a. Frequent showers. Δ p.
3	29°66	30°04	55°2	46°3	46°3	60°8	297	278	69	90	WNW 2	WSW 2	1	1	—	[Squally] p.
4	29°66	29°80	52°3	53°1	43°2	57°9	311	324	79	80	WSW 3	SW 6	6	8	070	☉ 1.35 p. - 1.45 p.
5	29°79	29°76	48°1	48°4	48°1	53°8	306	322	91	95	W 2	W 3	10	8	370	☉ most of day.
6	29°59	29°59	52°0	54°1	43°8	59°5	345	393	89	93	WSW 2	WSW 5	10	10	040	☉ (mist) a.
7	29°88	30°07	52°7	42°1	42°0	58°5	276	236	70	88	NNW 3	WSW 1	1	0	150	Sky greenish in NW. to E. p. Δ p.
8	29°68	29°47	53°0	49°3	41°1	58°9	401	316	97	90	WSW 6	WSW 4	10	8	370	☉ 11 a. ☉ showers. Δ p. (gale).
9	29°46	29°43	50°1	49°2	42°2	57°8	308	295	85	85	W 1	SW 3	3	9	410	Squally a. ☉ (mist).
10	29°98	29°46	45°0	46°0	43°8	52°9	254	239	85	78	NNE 7	NNW 4	10	0	020	< in SE. p. ☉
11	29°68	29°77	48°5	40°9	40°9	53°8	236	214	70	84	N 3	NW 3	2	3	050	☉ 7 a. ☉ (mist). < p.
12	29°72	29°93	46°3	42°1	36°5	49°0	259	201	83	76	N 2	N 3	6	1	—	☉
13	29°99	29°98	46°6	42°9	39°2	52°0	198	214	62	78	N 3	NNW 3	1	3	—	☉ showers.
14	29°91	29°96	45°1	46°8	38°2	50°2	238	204	80	92	NNW 3	NNW 2	9	10	060	☉ (mist) a. Squally p.
15	30°04	30°01	48°9	47°4	46°2	54°1	321	235	93	73	ENE 4	NNE 5	10	10	610	☉ 8 a. Squally (gale) a. ☉ 10 p. ☉
16	29°89	29°07	50°0	52°6	46°0	53°8	277	306	78	77	SSE 5	SSE 5	10	8	—	Sky pinkish near sun p. Δ p. ☉
17	30°17	29°18	54°7	45°5	45°5	59°7	328	290	77	96	SE 2	WNW 1	6	3	—	☉ 2 (mist) a. and p. Fine day.
18	29°18	29°16	53°4	46°9	37°7	57°6	358	295	88	93	NNE 1	NE 1	1	2	—	☉ (mist) a. Sky pinkish near sun p. ☉
19	29°08	30°04	45°9	44°8	44°4	50°1	267	214	88	72	NE 5	NNE 4	8	10	—	☉ (mist) a. and p.
20	30°06	29°99	42°4	43°3	40°3	47°0	190	237	71	84	NNE 3	SW 2	10	9	030	☉ (mist) a. and p.
21	29°73	29°48	48°7	45°2	42°4	51°9	304	295	89	98	S 4	NNW 2	10	7	530	☉ 8 a. - 4 p. ☉ 4.15 p. ☉ 6 p. ☉ 2 p.
22	29°56	29°57	47°0	48°8	44°1	50°5	286	301	90	87	ENE 2	ENE 2	10	10	570	☉ (mist) a. ☉
23	29°39	29°26	47°2	45°1	45°0	49°0	305	296	95	98	ESE 3	NNE 3	10	10	790	Squally before 9 a. ☉ 2 ☉ 4.45 p. ☉
24	29°40	29°66	45°1	42°9	42°4	49°6	268	214	85	78	NNW 3	NNW 3	9	5	—	☉ 1 p. and 2 p. Sky greenish in E. p.
25	29°73	29°51	47°2	49°2	35°6	52°3	212	345	65	99	WNW 1	SSW 4	1	10	080	☉ till 8 a. ☉ 1.30 p. ☉ 10 p.
26	29°29	29°41	54°0	50°0	48°9	51°7	379	307	91	85	WSW 5	WSW 4	10	10	110	Mild day.
27	29°59	29°67	45°0	42°7	42°2	51°7	243	228	82	83	WNW 3	WSW 4	10	2	120	☉ showers all day.
28	29°68	29°70	44°3	44°8	39°4	49°0	221	217	76	73	WNW 4	WNW 5	7	1	030	Squally a. Sky greenish in E. - SE. p.
29	29°92	30°06	49°1	41°0	41°0	56°0	283	233	81	91	NNW 2	WNW 1	8	2	120	☉ 2 (mist) p.
30	29°93	29°57	45°0	50°9	38°2	50°9	275	370	94	100	SE 3	SE 2	10	10	560	☉ (mist) a. Dull day. ☉ 9 p. - midt.
31	29°54	29°69	47°2	42°3	42°1	51°2	264	224	82	84	NW 5	N 4	8	9	210	Squally a. ☉ showers.
Means	29°763	29°778	48°9	46°7	42°4	53°9	286	277	82.3	86.3	3°2	3°3	7°3	6°2	5°380	

ST. AUBIN'S, JERSEY.

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

OCTOBER 1885.

1	29°79	30°13	55°0	53°0	46°0	58°8	302	309	70	74	W 5	W 2	9	5	090	☉ ☉ showers early a.
2	30°19	30°04	55°2	56°8	50°0	58°2	395	362	91	78	SW 3	SW 6	10	10	030	Very gloomy day. Squally ☉ ☉ p.
3	30°09	30°09	58°3	50°3	50°3	61°0	363	288	74	79	NW 1	Calm 0	9	2	—	Squally ☉ ☉ n. and a. Very cloudy. ☉
4	30°03	29°98	54°0	53°6	49°0	61°7	339	344	79	83	Calm 0	SW 5	10	10	200	Very cloudy. ☉
5	29°91	29°85	56°3	57°0	53°0	57°2	415	405	91	87	SW 4	SW 5	9	10	370	Gloomy and squally. ☉ ☉ showers.
6	29°96	29°80	58°5	56°0	52°4	60°2	386	419	78	93	SW 3	W 7	7	10	170	Squally ☉ ☉ p.
7	29°88	30°10	55°2	48°0	48°0	58°3	294	263	68	79	N 2	Calm 0	4	1	—	Day extremely fine. ☉ p.
8	29°93	29°62	52°2	54°3	45°2	58°0	308	365	79	86	SW 5	W 4	10	10	280	Squally p. ☉ ☉ showers at night.
9	29°50	29°56	51°6	53°0	46°5	59°0	335	315	88	78	NW 3	SW 4	10	7	240	Squally ☉ n. and a.
10	28°93	29°44	54°2	51°0	47°1	57°1	318	259	75	69	W 2	NW 3	7	4	210	Squally ☉ ☉ showers n. and a.
11	29°62	29°77	46°6	45°0	45°0	51°7	292	253	93	85	N 3	N 2	9	9	165	Squally a. ☉ in NNE. 9 p.
12	29°74	29°85	44°8	49°8	42°0	50°8	235	224	79	63	NE 1	NE 3	6	7	037	Cold, with ☉ showers. ☉ p.
13	29°97	29°98	46°8	45°8	45°1	51°4	220	207	69	87	NNE 3	Calm 0	9	8	240	☉ ☉ showers at night.
14	29°94	29°99	50°0	46°2	43°1	54°9	286	263	80	85	Calm 0	Calm 0	8	1	002	Very cloudy day. ☉ at night.
15	30°06	29°88	54°8	53°8	44°0	55°2	286	292	67	71	E 2	NE 4	1	10	104	☉ a. Day extremely fine. Squally
16	29°88	30°11	50°0	51°0	48°0	55°0	286	309	80	82	SE 7	SE 3	9	1	—	Squally ☉ a. Rough day.
17	30°20	30°20	56°1	49°2	48°5	59°0	339	318	74	91	SE 1	Calm 0	2	0	—	☉ a. and p. Beautiful weather.
18	29°19	30°15	56°8	50°1	47°0	61°0	348	333	75	92	E 1	NE 1	0	1	—	☉ a. and p. Beautiful day.
19	29°02	29°96	51°1	50°4	47°3	55°1	322	257	85	71	ENE 3	NE 3	5	10	—	☉ a. Fine a. Overcast p.
20	30°02	30°04	46°3	45°0	44°8	50°8	218	229	70	77	N 2	Calm 0	9	10	018	[Midt.]
21	29°88	29°53	49°0	50°0	44°4	50°0	276	342	79	95	SW 3	S 3	10	9	550	Gloomy, with ☉ showers. Bar. 29.49
22	29°53	29°53	50°0	50°0	45°5	61°1	354	339	81	94	N 1	Calm 0	2	10	135	Very fine a. ☉ ☉ showers p.
23	29°40	29°34	52°0	50°2	48°6	57°0	345	296	89	82	SW 3	WSW 2	8	7	372	Squally at night.
24	29°41	29°66	49°4	49°0	46°0	54°0	293	272	84	78	Calm 0	NNW 2	8	8	040	☉ ☉ showers early a.
25	29°78	29°69	47°8	50°0	42°0	56°5	288	282	87	79	Calm 0	SW 3	7	10	550	☉ a. Bright and very clear till 2 p. ☉
26	29°46	29°54	54°7	52°7	47°1	56°3	407	351	95	88	W by S 3	W 3	10	10	350	[then ☉]
27	29°55	29°77	50°1	48°4	45°2	57°0	294	269	65	80	W 4	W 3	8	4	070	Squally a. ☉ ☉ showers.
28	29°74	29°78	51°8	48°2	44°5	53°9	268	241	70	72	W 3	W 3	6	7	210	Squally, with ☉ ☉ showers. ☉ 9.20 p.
29	29°91	30°08	53°0	46°7	44°0	55°3	277	253	69	81	NNW 3	N 1	4	2	070	Extremely fine day. ☉ p.
30	30°04	29°65	45°5	51°0	44°0	51°0	277	374	91	100	SW 2	S 2	10	10	1002	Squally, with ☉ ☉ all day. Temp. rising
31	29°62	29°63	47°0	45°1	44°8	54°0	275	262	86	87	W 2	NW 3	8	9	278	Squally, with ☉ ☉ showers p.
Means	29°808	29°832	52°1	50°3	46°4	56°1	311	301	79°4	82°1	2°4	2°5	7°2	6°8	5°683	

Earth temperature: Mean of 11 readings (taken every third day), at 1 foot, 53°4; 3 feet, 53°1; 6 feet, 52°3.

LONDONDERRY.

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

OCTOBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°	47°	41°	54°	in.	in.	76	94	NW 3	WNW 2	8	10	ins.	☉ 11a.—4p.
2	29°47	29°76	51°7	47°0	41°2	54°1	289	303	76	94	NW 3	WNW 2	8	10	210	☉ ☉ showers.
3	29°63	29°80	51°2	45°8	42°9	54°4	271	267	84	93	SW 3	SW 3	10	10	080	☉ ☉ showers.
4	29°59	29°37	46°7	41°2	39°5	52°5	270	237	85	92	W 2	SW 3	10	5	910	☉ ☉ showers.
5	29°48	29°60	44°7	41°2	39°0	51°0	249	253	84	97	W 2	NW 1	7	10	210	☉ ☉ showers all day.
6	29°60	29°57	43°7	42°6	39°1	45°7	267	258	93	94	W 3	NW 1	10	9	420	☉ till 4p.
7	29°86	29°84	47°7	44°7	40°0	53°5	271	255	82	86	W 1	WSW 2	5	10	120	☉ ☉ showers all day.
8	29°42	29°35	48°6	42°0	40°9	52°0	298	243	88	91	WNW 3	NW 3	9	0	200	☉ ☉ showers all day.
9	29°47	29°29	47°7	42°7	38°0	53°0	287	257	87	93	N 2	S 1	6	3	140	Fine day.
10	29°43	29°67	48°7	42°7	37°0	52°3	277	226	80	82	NNE 2	N 1	5	7	070	☉ Fine all day.
11	29°76	29°79	43°7	42°7	38°9	48°8	235	226	85	82	N 2	NW 4	10	7	190	☉ ☉ showers.
12	30°00	30°21	45°7	42°7	38°5	50°0	245	198	80	72	N 3	N 3	8	5	070	☉ ☉ showers during day.
13	29°21	29°17	43°7	42°7	38°2	51°9	198	226	69	82	N 2	N 1	8	1	080	☉ ☉ showers.
14	29°14	29°22	40°2	45°7	41°8	51°3	272	280	88	94	N 3	N 1	9	10	—	☉ ☉ showers.
15	29°31	29°41	50°7	45°7	43°3	54°2	300	289	81	94	NE 2	NE 1	6	0	—	☉ ☉ showers.
16	29°35	29°22	47°7	48°7	41°9	51°0	276	316	84	92	E 2	ENE 3	7	10	080	☉ ☉ showers.
17	29°23	29°18	48°7	48°2	46°0	54°5	324	305	94	91	NE 1	Calm 0	8	10	030	☉ ☉ showers.
18	29°21	29°26	45°0	45°2	41°8	53°0	297	295	99	98	E 1	Calm 0	7	4	—	☉ ☉ showers.
19	29°23	29°17	46°7	45°2	41°2	49°1	255	238	80	85	N 1	N 2	5	10	—	☉ ☉ showers.
20	30°06	29°89	42°2	42°7	37°8	51°5	241	257	80	93	NW 2	S 1	10	10	010	☉ ☉ showers.
21	29°77	29°78	41°2	41°7	36°0	50°0	237	226	92	86	E 1	NE 1	10	10	—	☉ ☉ showers.
22	29°75	29°72	35°2	31°7	32°0	48°0	190	220	92	98	SE 1	E 1	2	3	—	☉ ☉ showers.
23	29°75	29°75	42°2	43°0	36°8	45°0	235	226	88	82	NE 2	NE 1	9	10	030	☉ ☉ showers.
24	29°73	29°71	40°4	40°2	38°5	49°0	201	222	80	89	NE 1	Calm 0	7	10	060	☉ ☉ showers.
25	29°50	29°23	40°7	48°7	34°3	49°2	231	336	91	98	SE 3	SW 2	10	10	030	☉ ☉ showers.
26	29°10	29°17	44°7	40°7	39°5	50°6	255	231	85	91	NW 3	NW 1	3	10	330	☉ ☉ showers.
27	29°26	29°39	41°7	40°7	37°0	47°0	217	198	83	78	NW 3	WNW 4	5	10	270	☉ ☉ showers.
28	29°39	29°72	45°7	45°4	37°9	47°0	250	269	85	89	NNW 3	NW 2	10	1	310	☉ ☉ showers.
29	30°03	29°99	41°7	41°7	38°0	51°3	247	217	93	83	N 1	SE 2	1	5	170	☉ ☉ showers.
30	29°69	29°60	44°7	44°0	40°7	47°9	266	285	90	99	SE 3	NW 1	10	0	340	☉ ☉ showers.
31	29°71	29°94	44°2	42°7	40°5	48°2	261	229	90	84	NW 2	N 1	6	0	030	☉ ☉ showers.
Means	29°768	29°779	45°2	43°5	39°4	50°7	260	253	85°8	89°1	2°2	1°6	7°3	6°5	5°030	☉ ☉ showers.

MARKREE CASTLE, SLIGO.

Height above Mean Sea Level, 131 feet. Long. 8° 27' W. Lat. 54° 11' N.
OCTOBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.			Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	50.0	49.0	39.3	52.7	ins.	ins.	88	95	WNW 3	SSE 1	9	ins.	
2	58.5	58.8	51.4	44.6	43.6	55.0	323	248	85	84	S 2	NW 2	10	10	
3	57.7	58.4	49.3	41.8	40.0	54.1	299	247	85	93	W 2	W 0.5	8	6	
4	57.4	57.4	47.3	42.0	35.0	51.3	299	239	92	90	SSW 3	W 2	10	10	
5	57.4	56.4	44.3	42.9	40.0	49.8	252	242	86	87	S 1	W 2	10	8	
6	57.0	56.0	44.2	42.8	38.3	45.2	287	264	100	96	Calm	NNE 0.5	10	9	4p.
7	56.0	56.1	48.9	44.6	41.0	51.9	265	254	77	86	NNW 0.5	SSE 1	7	10	
8	56.0	56.0	49.9	42.0	40.3	52.0	297	254	84	95	W 2	W 2	10	10	
9	56.0	56.0	49.8	44.1	41.2	52.1	285	278	81	96	W 2	W 2	10	10	
10	56.0	56.0	47.4	43.4	38.2	51.6	279	243	86	86	N 1	NNW 2	8	10	
11	56.0	56.0	47.3	43.2	38.4	47.4	251	234	93	84	NNE 0.5	NNW 6	8	9	
12	56.0	56.0	46.2	43.3	39.3	49.2	248	219	80	68	N 3	N 3	7	9	
13	56.0	56.0	46.2	43.2	38.3	48.0	207	204	76	74	N 3	N 3	7	9	
14	56.0	56.0	46.2	43.2	38.4	47.4	227	260	73	84	N 4	N 1	6	10	
15	56.0	56.0	46.2	43.2	38.4	47.4	227	260	73	84	N 4	N 1	6	10	
16	56.0	56.0	46.2	43.2	38.4	47.4	227	260	73	84	N 4	N 1	6	10	
17	56.0	56.0	46.2	43.2	38.4	47.4	227	260	73	84	N 4	N 1	6	10	
18	56.0	56.0	46.2	43.2	38.4	47.4	227	260	73	84	N 4	N 1	6	10	
19	56.0	56.0	46.2	43.2	38.4	47.4	227	260	73	84	N 4	N 1	6	10	
20	56.0	56.0	46.2	43.2	38.4	47.4	227	260	73	84	N 4	N 1	6	10	
21	56.0	56.0	46.2	43.2	38.4	47.4	227	260	73	84	N 4	N 1	6	10	
22	56.0	56.0	46.2	43.2	38.4	47.4	227	260	73	84	N 4	N 1	6	10	
23	56.0	56.0	46.2	43.2	38.4	47.4	227	260	73	84	N 4	N 1	6	10	
24	56.0	56.0	46.2	43.2	38.4	47.4	227	260	73	84	N 4	N 1	6	10	
25	56.0	56.0	46.2	43.2	38.4	47.4	227	260	73	84	N 4	N 1	6	10	
26	56.0	56.0	46.2	43.2	38.4	47.4	227	260	73	84	N 4	N 1	6	10	
27	56.0	56.0	46.2	43.2	38.4	47.4	227	260	73	84	N 4	N 1	6	10	
28	56.0	56.0	46.2	43.2	38.4	47.4	227	260	73	84	N 4	N 1	6	10	
29	56.0	56.0	46.2	43.2	38.4	47.4	227	260	73	84	N 4	N 1	6	10	
30	56.0	56.0	46.2	43.2	38.4	47.4	227	260	73	84	N 4	N 1	6	10	
31	56.0	56.0	46.2	43.2	38.4	47.4	227	260	73	84	N 4	N 1	6	10	
Means	29.767	29.771	45.9	43.1	38.4	50.4	265	251	85.6	89.6	2.0	1.5	8.6	8.7	5.700

DUBLIN.

Height above Mean Sea Level, 54 feet. Long. 6° 15' W. Lat. 53° 20' N.
OCTOBER 1885.

1	29.55	29.87	50.2	49.0	41.5	54.3	301	273	84	78	WNW 6	WSW 4	3	9		Squally a. and p. a.
2	57.7	56.0	53.4	48.3	48.1	57.1	316	272	78	81	SW 4	W 4	10	0		Squally (gale) a. and p. p.
3	58.3	59.1	47.3	45.9	43.2	53.8	257	257	79	84	W 4	W 4	0	0		Bright and bracing a.
4	57.5	50.0	49.1	46.6	44.1	55.4	266	275	76	88	SW 4	W 5	7	10		Squally a. and p. 2 sp.
5	58.0	56.7	47.3	43.8	42.3	49.0	252	227	68	79	W 5	WNW 4	7	0		Squally a. and p. a. and p. Parascena 4p.
6	56.7	56.0	45.3	42.0	40.9	50.3	274	249	91	94	WSW 3	NNW 3	10	0		2 from 8a. Bar. 29.37 4p.
7	58.9	59.0	43.1	45.3	38.2	51.1	252	253	90	84	NW 3	W 2	0	3		2 n. Very fine day.
8	52.2	52.4	49.8	44.2	44.1	53.9	310	241	87	83	WNW 4	W 5	5	4		Squally a. and p. a. p.
9	56.0	56.0	48.0	46.1	41.1	52.8	297	288	90	93	NW 3	WSW 2	4	10		late p. Bar. 29.15 at 11.30p.
10	53.3	56.5	46.0	41.7	41.0	50.1	291	215	94	82	NNE 3	NNW 2	7	0		Squally a. early a. Day fine.
11	56.0	56.0	47.7	39.6	35.9	49.2	241	215	88	89	NW 3	NW 2	3	0		Squally a. 1.30p. then very cold.
12	29.92	30.11	41.0	42.0	37.2	48.4	206	218	81	83	NbyE 3	N 4	5	0		showers a. Squally a. p.
13	30.13	30.09	41.2	40.9	37.7	47.7	202	218	79	86	NbyW 4	N 4	0	0		showers p. Very cold.
14	30.04	30.14	43.9	46.9	37.0	50.3	244	272	85	86	N 3	NNW 3	10	10		Dull and overcast a.
15	30.19	30.29	49.2	49.4	43.1	52.6	303	279	88	89	NE 5	ENE 5	9	0		Gloomy. Squally a. and p.
16	30.14	30.14	48.0	51.3	47.5	52.3	304	304	92	97	ENE 7	ESE 3	10	8		Squally a. a. 2.30a. Noon. (mist) p.
17	30.20	30.17	44.5	44.0	39.7	52.5	286	276	97	96	Calm	W 1	9	2		2 a. and p. Sunny afternoon.
18	30.20	30.22	42.2	47.2	38.5	48.7	265	319	98	99	Calm	Calm	10	10		2 a. a. and p. Day dull and damp.
19	30.19	30.15	47.7	44.0	43.4	50.2	287	223	87	77	NE 2	NW 1	10	9		Upper clouds from WNW p. 6.30p.
20	30.07	30.01	43.2	42.0	41.1	46.4	230	223	82	82	WNW 1	SW 1	10	10		Squally a. a. 2.30p. (mist) p.
21	30.08	30.06	45.5	47.0	40.9	48.4	285	249	95	78	E 4	ENE 3	10	10		Very gloomy a. 2 showers p.
22	30.06	30.01	43.0	42.2	41.6	47.5	257	258	93	96	NE 2	N 1	10	10		2 showers a. 2.30a. T. 8.30a.
23	30.08	30.04	44.4	44.8	40.6	47.3	283	277	97	94	E by S 2	NbE 3	9	8		Bright and cool. (mist) p.
24	30.06	30.01	40.1	36.9	36.5	46.4	203	188	82	87	NNW 2	NW 2	1	0		2 a. a. a. 1p. Dull and mild p.
25	30.06	30.03	39.0	49.7	33.2	50.1	219	334	93	94	Calm	W 3	10	10		Squally a. a. n. Bar. 29.04 4a. [2p.
26	30.06	30.03	45.8	45.0	44.2	53.4	307	251	89	84	WNW 4	W 3	6	6		Bright and bracing a. Squally a.
27	30.06	30.03	41.2	40.1	39.2	47.4	200	207	78	84	WNW 3	WNW 3	0	1		Squally a. and p. Cold showers
28	30.06	30.03	40.3	43.2	37.2	47.8	199	252	80	90	WNW 5	WNW 4	5	4		2 a. Much cirrus p. 2.30p.
29	30.06	30.03	41.0	40.0	38.7	48.7	235	235	92	97	WNW 1	Calm	0	4		Squally (gale) mid-day. 2.
30	30.06	30.03	46.0	47.4	39.8	48.8	289	316	94	97	SSE 5	WNW 2	10	10		Fine a. Cloudy and cold p.
31	30.06	30.03	43.3	43.9	41.4	48.0	248	246	88	86	NNW 3	NNW 3	5	10		
Means	29.769	29.777	45.0	44.5	40.6	50.3	262	257	87.3	87.5	3.2	2.7	6.3	5.1	3.500	

PARSONSTOWN (BIRRE CASTLE).

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

OCTOBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	51.2	50.2	39.2	54.2	ins.	ins.	85	85	NW 3-4	W 3-4	1	10	ins.	Squally a. and p.
2	29.65	29.90	51.2	50.2	39.2	54.2	281	307	75	85	SW 2-3	NW 2	10	3	0.20	
3	79	90	52.7	46.3	46.3	52.8	312	281	78	90	SW 3	SW 1	2	1	107	
4	87	93	48.8	44.6	39.9	54.7	268	258	77	88	SW 3	SW 1	2	1	035	~ (mist) 9p.
5	84	96	48.9	44.5	40.2	52.4	277	229	80	78	SW 3	SW 3-4	10	6	193	Squally, with ~ (mist) a. and p.
6	63	74	44.8	40.9	40.1	51.0	243	220	82	87	SW 2	SW 0.5	10	3	160	▲ ● p. ~ (mist) 9p.
7	64	62	46.3	44.2	38.2	54.3	297	265	95	92	SSE 0.5	NNE 1-2	10	4	619	~ (mist) 9p.
8	95	92	46.9	43.5	37.1	53.9	254	229	80	81	W 1	SE 1-2	1	10	030	
9	58	39	51.9	41.9	40.6	54.2	284	224	74	85	SW 2	SW 2	8	3	211	~ (mist) 9p.
10	56	19	48.8	45.8	40.3	54.0	296	276	86	90	NW 2	Calm	0	8	10	483
11	41	71	44.8	41.9	38.6	51.8	253	230	85	87	NNW 2.5	Calm	0	4	060	● ▲ p. ~ (mist) 9p.
12	83	29.91	43.9	40.8	35.5	48.2	233	219	81	87	NW 2	SW 2	1	10	024	
13	29.98	30.19	43.7	39.9	38.4	49.9	206	190	72	77	NW 3	NNW 2	1	0	013	
14	30.23	18	42.3	37.9	34.6	47.0	201	200	75	88	NNW 2	NNE 1	1	0	—	
15	13	19	44.2	43.9	36.0	50.6	209	251	82	87	NW 2	Calm	0	6	10	~ (mist) 9p.
16	23	28	45.1	48.0	39.4	56.0	259	292	86	88	NNE 2	NNE 1	10	10	—	
17	12	11	46.9	51.0	40.8	51.0	250	338	79	90	NNE 2	NE 1	10	10	088	
18	19	19	46.7	42.8	40.0	56.0	284	257	89	94	NNW 1	Calm	0	7	10	~ 9p.
19	20	24	42.4	45.5	36.0	50.2	262	291	97	96	NNW 1	Calm	0	8	10	~ a. and p.
20	21	30.17	45.3	44.9	42.0	49.4	291	258	96	87	Calm	Calm	0	8	10	~ 9a. and before.
21	30.10	29.86	42.8	42.7	39.0	48.0	206	239	75	87	Calm	SE 2	9	10	483	
22	61	72	45.2	38.9	38.0	48.4	273	211	91	90	ENE 2	NNW 2	10	0	—	
23	71	64	32.9	36.2	29.3	46.9	154	197	82	92	Calm	Calm	0	8	10	~ 9a. and before. ~ (mist) 9p.
24	60	67	43.3	40.1	33.9	44.1	246	221	83	89	NE 1	WNW 3	9	10	067	Squally p.
25	73	74	39.4	36.7	33.4	47.6	201	202	83	93	NW 2	WSW 1	0	9	080	
26	58	33	40.0	51.1	30.3	51.2	230	352	94	93	Calm	SW 2	10	10	458	
27	54	28	48.3	45.2	44.4	53.6	296	241	88	81	NW 2	S 1	10	10	122	
28	47	59	42.7	41.0	37.9	47.2	214	215	79	84	WSW 3	WSW 3	3	10	050	▲ ● p.
29	71	81	42.0	44.1	36.0	47.8	197	245	74	84	WNW 2	W 3	1	10	—	Squally p.
30	30.04	98	41.5	43.5	35.1	50.2	234	229	90	81	Calm	NW 1	1	10	213	
31	29.62	63	47.3	45.0	41.0	50.3	292	264	90	89	SE 3	WNW 0.5	10	8	070	
32	29.76	29.98	42.1	37.2	36.8	48.7	211	198	79	89	WNW 1	NNW 1	2	0	—	
Means	29.812	29.817	44.9	43.2	38.1	50.8	249	246	83.0	87.4	1.7	1.4	6.1	7.3	3.586	

DUNROBIN CASTLE.

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

NOVEMBER 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	43.0	53.3	37.6	52.5	in.	in.	%	%	NW	NW	—	—	ins.	Dull, with ☁.
2	29.73	29.62	43.0	53.3	37.6	52.5	2.03	2.03	95	75	NW	NW	—	—	1.70	Fine a. Dull and mild p.
3	29.60	29.54	53.7	53.3	49.6	54.3	2.08	2.30	73	82	W	W	—	—	—	Fine a. ☁ p.
4	29.45	29.57	55.5	45.4	45.4	56.4	2.78	2.78	86	92	SW	N	—	—	3.10	Mild and clear.
5	29.61	29.48	40.4	34.8	34.3	47.7	2.14	1.92	86	95	N	N	—	—	—	— a. Fine p.
6	29.48	29.77	38.4	33.1	32.3	44.5	1.62	1.68	70	89	N	N	—	—	1.20	Dull, with ☁.
7	29.94	29.87	33.5	48.4	30.3	48.4	1.88	2.32	98	95	SW	E	—	—	—	Dull and mild.
8	29.96	30.07	51.3	48.7	47.7	54.5	2.52	2.19	93	93	W	NW	—	—	—	Fine and mild.
9	30.14	30.20	48.5	44.9	43.7	51.0	2.04	2.06	93	93	NW	N	—	—	—	Clear and cold.
10	30.36	30.31	43.2	37.4	37.4	49.5	2.32	2.04	83	91	N	N	—	—	—	— a. Clear p.
11	30.37	30.36	33.3	33.8	32.0	42.7	1.80	1.88	95	97	NW	NW	—	—	—	Dull p.
12	30.33	30.27	36.8	39.4	31.5	40.7	2.14	2.31	98	96	SE	NW	—	—	—	Dull and cloudy.
13	30.18	30.03	41.4	43.6	39.4	43.6	2.40	2.48	95	87	NW	NE	—	—	1.20	Fine and mild.
14	29.47	29.55	42.4	42.4	41.7	46.5	2.31	2.02	86	97	NE	NE	—	—	—	Clear and cold. * showers p.
15	29.73	30.02	35.5	32.8	31.5	46.5	2.07	1.66	99	89	NW	N	—	—	—	* showers a. Dull p.
16	30.18	30.33	33.3	29.1	29.1	37.3	1.70	1.17	89	74	N	N	—	—	—	Clear and frosty.
17	30.39	30.35	26.1	26.5	23.5	38.3	1.22	1.44	86	100	N	N	—	—	—	Clear and frosty.
18	30.25	30.16	26.5	33.5	24.0	40.0	1.44	1.68	100	87	NE	SE	—	—	—	Clear and frosty.
19	30.15	30.08	35.8	39.4	29.7	40.7	1.99	2.18	95	91	SE	SE	—	—	—	Dull and cloudy.
20	30.17	30.17	41.4	41.9	35.4	43.0	2.59	2.53	99	95	SE	SE	—	—	—	Dull and mild.
21	30.03	29.89	41.4	43.2	39.6	43.2	2.52	2.75	97	98	NE	N	—	—	—	Mild a. Windy and cold p.
22	29.73	29.68	41.2	36.5	36.5	44.5	2.55	1.95	98	91	NE	NW	—	—	—	Mild a. Cloudy p.
23	29.61	29.57	38.4	39.4	32.5	42.0	2.16	2.12	93	88	SE	SW	—	—	1.50	Fair a. Dull p.
24	29.61	29.64	43.6	42.0	37.1	43.6	2.59	1.92	91	70	SE	SE	—	—	—	Dull.
25	29.70	29.73	43.2	42.6	41.7	43.7	2.43	2.67	87	97	SE	SE	—	—	—	Cold, with ☁.
26	29.60	29.67	43.9	42.2	40.7	44.7	2.78	2.58	97	96	SE	SE	—	—	—	Blow and cold.
27	29.79	29.71	45.4	41.9	39.8	47.0	3.01	2.32	99	88	NW	NW	—	—	1.00	Cold, with ☁.
28	29.07	29.42	39.4	42.4	35.8	43.3	2.00	2.10	86	78	NE	SW	—	—	—	* showers.
29	29.42	29.25	38.6	39.2	33.7	42.4	2.14	2.34	92	92	W	W	—	—	2.00	—
30	29.44	29.63	39.6	44.4	37.8	46.0	2.39	2.76	98	95	NW	NW	—	—	2.00	Fair, but cold a. ☁ showers p.
Means	29.807	29.818	40.6	40.7	36.4	45.4	2.37	2.34	91.8	92.5	—	—	—	—	1.470	

BRAEMAR.

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

NOVEMBER 1885.

1	29.82	29.71	36.6	47.5	35.4	48.2	*197	*265	91	82	SW	2	SW	4	8	7	*030	Dark, dull and damp.
2	29.78	29.73	49.5	49.3	40.6	54.8	*261	*301	74	86	SW	6	SW	2	7	8	—	—
3	29.53	29.45	53.0	51.5	49.0	57.5	*245	*340	85	89	SW	4	SW	0.5	7	10	*210	Fine a. ☉ p.
4	29.60	29.49	36.6	36.1	35.8	51.7	*184	*174	85	81	SW	1	SW	2	8	3	—	Fair and clear.
5	29.49	29.78	32.7	32.1	31.4	47.5	*178	*140	95	76	SW	1	SW	0.5	3	0	—	Fair and clear.
6	30.01	29.96	30.7	44.8	29.6	47.7	*151	*207	88	90	SW	1	SW	1	7	7	*040	Fair and clear.
7	29.04	29.11	50.2	47.2	44.7	53.3	*320	*280	80	87	SW	2	SW	1	8	8	—	Fair and clear.
8	29.16	29.23	47.0	46.3	45.1	49.3	*264	*243	83	78	SW	4	SW	6	8	9	—	Fair and clear.
9	29.28	29.33	41.6	37.0	34.1	46.5	*203	*187	78	83	SW	2	SW	2	7	8	—	Fair and clear.
10	29.34	29.35	38.4	38.6	34.8	46.8	*197	*214	85	92	SW	1	SW	0.5	9	3	—	Fair and clear.
11	29.35	29.31	39.6	37.6	36.4	48.5	*219	*205	90	91	SW	0.5	SW	1	8	7	—	Fair and clear.
12	29.24	29.94	36.5	39.0	34.2	46.9	1.99	2.01	92	85	SW	0.5	SW	1	5	7	—	Fair and clear.
13	29.57	29.52	40.6	39.6	38.6	44.5	1.94	2.00	77	82	SW	3	SW	1	5	6	0.40	Fair and clear.
14	29.09	29.89	33.7	29.7	29.4	41.5	*154	*144	80	87	N	2	N	2	9	0	*040	Cold, with ☁.
15	29.15	29.38	38.7	14.9	14.9	38.4	*158	*079	100	92	NE	0.5	N	0.5	7	0	—	Fair day.
16	29.43	29.41	11.7	20.3	11.2	37.8	*073	*110	100	100	NE	0.5	SW	0.5	0	0	—	Clear and frosty.
17	29.29	29.27	28.9	16.7	16.7	40.8	*153	*082	97	90	SW	0.5	SW	0.5	0	0	—	Clear and frosty.
18	29.21	29.11	9.7	27.7	9.7	33.7	*067	*151	100	100	SW	0.5	SW	0.5	3	10	—	Clear a. Dull p.
19	29.15	29.15	32.7	32.7	20.2	35.6	*105	*105	89	89	NE	0.5	NE	1	5	8	—	Dull and damp.
20	29.10	29.89	33.4	37.8	31.6	37.9	*181	*203	95	90	NE	0.5	SE	0.5	9	9	*100	Dull and damp.
21	29.78	29.70	35.7	29.4	29.4	43.8	*185	*118	88	73	SE	0.5	SE	0.5	7	1	—	—
22	29.64	29.58	19.7	27.7	19.7	38.6	*107	*142	100	94	SE	0.5	SE	0.5	0	10	—	Clear a. Dull p.
23	29.59	29.63	31.3	33.9	26.7	34.6	*162	*171	92	87	SE	0.5	SE	0.5	5	10	—	Clear a.
24	29.65	29.71	34.7	35.0	31.4	37.4	*188	*196	93	96	NE	0.5	NE	1	10	10	*610	☁ and ☁ (sleet).
25	29.62	29.66	37.3	34.1	33.9	38.4	*195	*189	88	96	E	2	E	2	9	10	*270	☁ and ☁ (sleet).
26	29.53	29.23	38.0	36.4	33.9	39.5	*201	*187	88	87	SE	4	E	10	10	10	2.020	Dull, with ☁.
27	28.85	29.22	43.8	36.6	33.8	44.6	*248	*179	87	83	SE	6	SW	2	9	6	*200	* a. Fair p. Meteors seen.
28	28.98	29.31	32.9	35.7	32.9	45.2	*173	*155	92	74	N	0.5	NW	2	10	3	*210	* a. Fair p.
29	29.44	29.21	36.0	38.8	33.9	38.8	*170	*212	80	90	SW	1	SW	2	7	9	*030	Dull, with ☁ showers.
30	29.47	29.64	36.6	38.6	36.1	40.5	*164	*196	76	84	SW	2	SW	2	2	3	*020	Fair and clear.
Means	29.826	29.830	35.3	35.8	31.4	43.5	*189	*199	88.6	87.1	1.7	1.7	6.4	6.1	3.820			

LAUDALE.

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

NOVEMBER 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	48°0	51°9	38°3	49°9	in.	in.	%	%	SW	3	SW	6	10	ins.	☁ showers all day. Snow on hill top.	
2	29.82	29.77	48°0	51°9	38°3	49°9	2.09	2.32	93	91	SW	3	SW	2	9	10	2.60	☁ p.
3	29.86	29.68	52.8	52.3	50.7	53.6	2.40	2.73	85	95	W	3	SW	2	9	10	2.50	☁ all day.
4	29.53	29.57	57.2	46.4	46.4	57.6	2.43	2.01	90	96	SW	4	SSW	2	10	10	2.80	☁ showers all day. ✱ (sleet) 9p.
5	29.64	29.50	43.6	40.7	39.5	46.6	2.13	2.13	75	84	WSW	3	SW	3	4	8	2.50	☁ showers all day. ✱ and ✱ (sleet) showers all day.
6	29.51	29.82	36.0	37.7	35.3	41.9	1.97	1.91	93	84	Calm	0	SSE	1	10	2	2.50	✱ before 9a. ☁ showers. Cold.
7	29.02	29.94	40.5	53.0	35.9	53.9	2.41	2.71	96	92	SSE	3	SW	4	10	10	2.40	☁ showers all day.
8	30.02	30.11	53.6	51.0	50.7	54.2	2.58	2.38	87	85	SW	4	Calm	0	10	10	2.00	☁ showers all day.
9	30.17	30.20	49.9	50.9	49.4	52.4	2.31	2.30	88	81	S	2	SE	3	10	7	2.00	☁ showers all day.
10	30.29	30.33	43.9	44.1	45.9	51.4	2.71	2.29	95	79	SSE	4	SE	4	10	10	—	Dull and gloomy, with ∞ all day.
11	30.37	30.34	43.4	45.0	33.2	45.0	2.28	2.47	80	83	SSE	3	SE	2	10	10	—	Dull and gloomy, with ∞ all day.
12	30.32	30.28	44.9	44.6	43.6	45.6	2.52	2.52	85	86	SSE	2	Calm	0	10	10	2.00	Dull and gloomy.
13	30.18	29.95	44.1	45.3	43.5	45.7	2.64	2.63	91	87	S	1	S	3	10	10	2.60	Dull and gloomy all day.
14	30.08	29.62	46.0	44.5	43.5	48.7	2.37	2.64	75	90	WSW	5	WSW	2	10	6	2.70	☁ (sleet) ☁ showers during day.
15	29.75	29.95	39.0	33.8	33.5	44.8	1.99	1.76	84	90	NW	2	WNW	1	10	1	2.00	☁ showers all day. Fresh snow on hills.
16	30.10	30.32	28.6	31.7	25.3	34.0	1.18	1.75	76	98	SE	2	SE	2	0	0	—	—
17	30.38	30.36	34.8	39.9	28.0	39.9	2.00	1.94	99	79	SSE	3	SE	5	4	3	—	Very cold and bracing.
18	30.31	30.21	38.8	32.2	32.2	41.1	2.01	1.38	85	75	SSE	5	S	1	2	0	—	Very cold and bracing.
19	30.12	30.11	26.2	39.9	25.2	39.7	1.36	1.98	90	81	Calm	0	SE	2	1	0	—	Fine all day. ☼ at night.
20	30.13	30.11	40.1	39.0	37.6	41.4	1.88	1.90	75	81	E	4	SE	1	2	10	—	Very cold all day. Large U all night.
21	29.96	29.80	42.2	45.2	38.3	46.0	2.10	2.26	79	75	SE	4	S	2	10	6	—	Dull and gloomy all day.
22	29.68	29.63	48.2	42.0	40.1	50.5	2.16	2.16	64	82	S	3	S	1	4	7	—	Fine all day.
23	29.56	29.52	32.4	33.6	31.5	42.4	1.62	1.75	88	90	Calm	0	Calm	0	2	9	—	Fine all day.
24	29.55	29.53	38.4	42.6	31.4	44.7	2.08	2.45	90	89	E	1	SSE	4	9	7	—	Dull and gloomy all day.
25	29.55	29.58	42.8	43.9	39.0	45.5	2.15	2.25	78	77	SE	4	SSE	4	7	7	—	Dull and gloomy all day.
26	29.51	29.53	45.0	42.8	41.2	45.7	2.53	2.03	85	73	E	4	ESE	7	8	6	—	Dull a. Very cold all day.
27	29.34	29.66	49.0	44.3	40.8	47.6	2.37	2.39	74	81	ESE	6	SE	8	8	10	2.30	Dull. Very cold all day. ☼
28	28.75	29.16	48.9	42.7	42.5	50.0	2.06	2.13	89	78	W	3	W	2	10	4	2.80	☼ and all day. Extraordinary (meteoric) showers at night.
29	29.03	29.40	39.5	42.5	38.5	43.5	2.21	2.22	91	75	WNW	2	NW	2	10	1	2.30	☁ showers all day.
30	29.40	29.69	42.0	46.0	38.2	49.5	2.23	2.63	84	83	S	3	SW	6	10	6	2.00	Dull and gloomy. ☼ Bar. 29.17 3p.
31	29.52	29.68	40.0	45.7	42.6	46.0	2.31	2.66	75	87	W	3	SW	3	2	7	2.20	☁ showers all day.
Means	29.802	29.808	42.8	43.2	38.7	46.7	2.239	2.241	84.8	84.2	2.9		2.8	7.4	6.6	4.650		

ROTHESAY.

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

NOVEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	49.5	36.4	49.9	in.	in.	%	%	SW	W	—	—	ins.	Dull and damp.
2	29.90	29.87	45.4	49.5	36.4	49.9	.276	.346	91	93	SW	W	—	—	.150	Dull, with ☉.
3	29.89	29.86	50.0	50.3	49.1	53.4	.339	.362	94	99	W	W	—	—	.445	Dull and mild, with ☉.
4	29.83	29.80	54.5	46.4	46.3	56.3	.414	.311	98	98	SSW	W	—	—	.480	☉ showers.
5	29.71	29.68	42.1	42.1	41.8	48.4	.228	.208	85	78	SW	W	—	—	.110	☉ showers.
6	29.51	29.48	38.1	36.0	35.4	45.0	.209	.195	91	92	NW	Caln	—	—	.045	Dull, with ☉.
7	30.00	30.03	43.1	50.2	35.6	51.2	.254	.337	91	93	SSE	S	—	—	.240	Fine and mild.
8	29.12	29.16	51.0	50.0	48.3	52.2	.348	.339	93	94	SSW	S	—	—	.035	Dull and mild.
9	29.21	29.27	49.8	48.8	47.8	50.9	.337	.300	94	87	S	S	—	—	—	☉ Mild.
10	29.35	29.35	44.3	42.1	42.1	49.2	.241	.238	82	89	SE	SE	—	—	—	Dull and chilly.
11	29.37	29.35	42.3	42.1	42.1	45.0	.226	.253	84	94	ESE	E	—	—	—	Dull, with ☉.
12	29.33	29.31	43.3	43.1	40.8	44.6	.246	.248	88	89	ESE	ESE	—	—	—	Dull and mild.
13	29.22	29.21	42.6	42.6	41.3	44.0	.253	.242	93	89	ESE	SW	—	—	.020	Dull and mild.
14	29.70	29.67	44.9	43.1	42.6	46.8	.263	.237	89	85	W	NW	—	—	.015	Dull, blowy, and chilly.
15	29.73	29.74	39.6	41.1	30.9	44.0	.213	.216	88	84	NW	Caln	—	—	—	Breezy.
16	29.23	29.26	32.2	30.0	26.4	44.0	.127	.116	69	69	N	Caln	—	—	—	Fine, clear, and frosty.
17	29.41	29.41	33.0	36.0	28.9	41.5	.144	.167	76	78	E	SE	—	—	—	Fine, but chilly.
18	29.37	29.34	34.8	31.0	31.0	43.8	.166	.148	82	85	SSE	E	—	—	—	Clear and frosty.
19	29.11	29.11	31.8	36.5	25.4	41.5	.113	.159	62	73	NE	NE	—	—	—	Clear, blowy, and chilly.
20	29.15	29.13	38.3	38.1	36.0	42.0	.194	.179	84	78	ENE	E	—	—	—	Cloudy.
21	29.01	29.03	39.6	41.4	37.6	43.2	.204	.217	84	84	ENE	E	—	—	.080	Cloudy.
22	29.72	29.74	41.7	41.1	40.5	45.5	.211	.212	81	82	NE	ENE	—	—	—	Blow and cold.
23	29.59	29.56	38.1	39.1	36.9	41.8	.191	.193	83	81	NE	ENE	—	—	—	Dull day.
24	29.56	29.55	40.1	41.1	38.8	42.6	.208	.216	84	84	ENE	ENE	—	—	—	Dull and blowy.
25	29.53	29.58	40.6	41.1	38.8	44.3	.203	.207	81	80	ENE	ENE	—	—	—	Dull and blowy.
26	29.51	29.53	43.1	40.1	40.1	45.0	.233	.208	83	84	SE	SSE	—	—	—	Dull.
27	29.35	29.36	45.1	43.4	40.1	45.8	.236	.251	79	89	E	E	—	—	.615	Dull and blowy, with ☉.
28	29.88	29.84	46.1	42.1	39.3	48.4	.286	.208	92	78	WSW	S	—	—	.480	Dull, with ☉ showers.
29	29.97	29.97	47.1	39.9	37.5	43.2	.229	.219	94	92	NW	SW	—	—	.090	Dull, with ☉ showers.
30	29.45	29.47	40.1	45.1	37.8	47.7	.227	.256	92	85	SW	SW	—	—	.316	Dull, with ☉.
Means	29.86	29.84	41.9	41.9	38.6	46.3	.235	.235	85.9	85.9	—	—	—	—	.3256	

PINMORE.

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

NOVEMBER 1885.

1	29.97	29.97	34.0	49.1	30.5	49.2	.192	.316	98	91	Caln	o	NW	4	10	10	.050	
2	29.00	29.03	50.6	51.3	49.1	51.6	.338	.322	92	85	Caln	o	W	3	10	10	.540	
3	29.71	29.71	54.2	49.8	49.8	54.6	.403	.332	96	93	SW	3	SW	3	10	10	.210	
4	29.83	29.84	41.2	40.0	39.4	55.1	.215	.222	84	90	NW	1	Caln	o	4	8	.290	☉ shower 4.50 p. < 7.30 p.
5	29.55	29.54	40.4	38.6	35.5	48.3	.238	.222	95	95	NW	1	Caln	o	10	4	.050	Meteors seen.
6	29.05	29.12	39.9	50.1	30.5	50.6	.227	.331	93	91	S	3	SW	3	10	10	.210	
7	29.19	29.21	49.9	50.1	49.1	52.1	.325	.323	91	81	S	4	S	3	10	10	.020	
8	29.27	29.30	49.3	47.7	47.7	50.6	.323	.295	92	90	Caln	o	S	4	10	10	.040	
9	29.37	29.38	44.0	42.6	41.9	47.7	.228	.242	78	89	S	3	Caln	o	10	10	—	
10	29.39	29.38	42.0	41.0	40.4	42.8	.231	.242	87	94	Caln	o	Caln	o	10	10	—	
11	29.34	29.32	42.6	42.1	40.4	44.3	.253	.232	93	87	Caln	o	Caln	o	10	10	—	
12	29.27	29.26	40.1	39.7	38.4	42.3	.216	.216	87	88	Caln	o	Caln	o	10	10	—	
13	29.82	29.75	46.0	44.0	39.4	48.2	.269	.228	85	78	SW	4	NW	4	10	8	.120	
14	29.75	29.66	41.0	29.0	28.5	45.2	.213	.142	83	89	Caln	o	Caln	o	10	4	—	
15	29.24	29.40	21.4	22.4	20.5	44.3	.108	.113	94	95	Caln	o	Caln	o	0	0	—	
16	29.42	29.42	22.5	35.3	19.5	41.8	.117	.178	97	86	S	1	S	3	4	1	—	
17	29.36	29.26	34.4	21.9	21.5	42.9	.177	.084	88	72	E	4	Caln	o	0	0	—	
18	29.11	29.10	18.2	24.0	16.6	38.3	.067	.091	69	71	Caln	o	Caln	o	2	0	—	
19	29.10	29.12	33.4	38.4	22.5	42.5	.151	.178	79	77	Caln	o	SE	3	5	9	—	
20	29.09	29.83	38.2	44.0	35.5	44.3	.193	.198	84	69	Caln	o	SE	3	10	10	—	
21	29.68	29.62	44.2	35.3	33.5	48.2	.253	.179	87	87	S	3	Caln	o	10	8	—	
22	29.61	29.59	21.5	22.4	21.5	43.5	.086	.106	76	89	Caln	o	Caln	o	0	0	—	
23	29.57	29.53	19.9	40.1	18.5	42.9	.074	.190	69	76	Caln	o	S	3	8	10	—	
24	29.51	29.53	41.0	40.4	38.4	43.8	.229	.203	92	81	SE	4	SE	6	10	8	—	
25	29.50	29.50	42.0	40.6	39.9	43.8	.220	.201	83	80	E	3	E	6	10	0	—	
26	29.33	29.08	43.0	45.9	40.4	46.2	.230	.284	83	93	SE	6	SE	8	10	10	1360	Squally. Very stormy.
27	29.03	29.37	44.0	41.0	36.5	48.7	.261	.231	90	90	SW	4	SW	3	10	4	.360	Meteors seen by hundreds. Bar. unsteady.
28	29.02	29.52	43.0	39.1	39.1	50.9	.253	.213	91	89	Caln	o	SW	3	10	2	.170	
29	29.48	29.44	39.1	41.0	39.1	43.3	.221	.223	93	87	S	3	S	4	10	10	.140	
30	29.65	29.87	41.0	43.0	40.4	47.7	.231	.234	90	84	Caln	o	Caln	o	4	8	.060	
Means	29.86	29.86	38.8	39.7	34.8	46.5	.218	.219	87.2	85.8	1.6	2.2	7.9	6.8	3.620			

SCALEBY (NEAR CARLISLE).

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

NOVEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	32.0	48.5	28.9	48.7	in.	in.	%	%	E	1	SW	3	7	10	ins.
2	29.95	29.90	31.0	49.5	27.9	54.7	.149	.339	82	99	SW	3	SW	2	10	10	.030
3	.96	.84	51.0	49.5	47.9	54.7	.336	.352	90	99	S	1	SW	3	10	10	.330
4	.74	.60	53.5	57.5	48.0	57.7	.384	.383	94	82	SW	4	SW	3	10	10	.150
5	.84	.62	42.5	41.5	40.4	57.5	.252	.232	93	90	SW	1	NW	4	10	10	.270
6	29.53	29.88	34.5	35.3	33.9	41.7	.197	.182	99	89	S	3	S	3	10	10	.030
7	30.13	30.15	38.5	39.5	30.1	46.5	.176	.224	76	93	SW	3	SW	2	10	10	.030
8	.22	.24	49.5	46.5	39.5	53.7	.318	.295	91	94	SW	3	S	5	10	10	—
9	.26	.33	49.5	42.5	42.5	54.7	.305	.231	87	86	E	1	E	3	10	10	—
10	.36	.37	38.5	42.7	32.9	45.2	.215	.230	93	84	NE	2	S	3	10	10	—
11	.38	.35	42.3	43.5	40.9	45.2	.238	.258	89	91	NE	2	E	3	10	10	—
12	.34	.30	48.0	41.5	40.9	44.5	.237	.223	89	86	N	2	SW	3	10	10	—
13	30.24	30.00	39.3	39.0	38.1	42.7	.203	.219	85	93	SW	5	SW	4	10	3	.030
14	29.80	29.70	46.5	39.5	36.7	47.7	.272	.224	87	93	SW	1	N	2	10	0	.130
15	29.67	29.87	40.5	31.5	30.9	43.5	.233	.168	93	95	N	2	N	1	0	0	—
16	30.30	30.37	30.5	26.5	25.9	41.7	.147	.140	87	98	NE	1	NE	2	0	0	—
17	.43	.45	28.5	29.3	22.9	41.7	.130	.142	84	88	NE	1	N	3	0	0	—
18	.41	.35	30.5	28.5	25.9	42.5	.147	.130	87	84	E	4	E	2	0	8	—
19	.15	.08	34.0	35.0	26.7	40.9	.168	.196	85	96	E	3	E	3	10	10	—
20	.16	30.17	39.5	37.3	30.9	40.7	.190	.208	79	94	E	4	E	5	7	10	.020
21	30.01	29.85	40.0	39.5	34.9	42.5	.199	.214	81	89	NE	4	E	5	10	2	—
22	29.73	.62	39.5	38.0	37.1	42.7	.214	.201	89	88	E	2	Calm	0	8	10	—
23	.57	.56	34.5	39.5	33.4	42.2	.182	.204	91	85	NE	1	E	4	10	10	—
24	.50	.54	39.5	38.3	33.9	42.5	.224	.217	93	94	SE	4	E	5	10	10	—
25	.52	.53	41.5	41.3	37.0	43.7	.242	.228	93	88	SE	4	E	5	10	10	—
26	.49	29.51	42.0	41.3	39.9	43.0	.247	.240	93	93	NE	6	E	6	8	10	.470
27	29.39	28.95	43.3	48.7	40.4	49.2	.233	.303	83	89	W	6	SW	3	10	10	.450
28	28.97	29.31	43.5	41.7	39.9	51.2	.262	.202	93	78	SW	4	SW	5	10	2	.140
29	28.91	.48	51.3	37.5	37.5	51.7	.334	.210	88	94	SW	1	SW	8	10	8	.020
30	29.52	.40	39.5	48.7	36.1	53.2	.224	.202	93	85	SW	2	W	5	8	3	—
30	29.59	29.81	42.0	43.5	39.9	49.2	.247	.243	93	87	SW	2	W	5	8	3	—
Means	29.866	29.867	40.7	40.4	35.9	48.8	.230	.231	88.7	90.1	2.6	3.4	8.3	7.0	2.090		Squally ☁ a. Splendid shower of [meteors 6p.—7p.

CRONKBORNE (DOUGLAS), ISLE OF MAN.

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

NOVEMBER 1885.

Day.	Barometer at 32" and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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'	49° 7'	33° 4'	49° 8'	ins.	ins.	100	100	SW 1	WSW 4	7	9	ins.	a. Dull and overcast.
2	29° 94	29° 96	44° 8'	49° 7'	33° 4'	49° 8'	271	354	92	99	WSW 3	SW 4-5	10	10	0.001	Dull day. ☁ from p.
3	29° 02	29° 04	44° 8'	49° 7'	33° 4'	49° 8'	360	374	99	100	SSW 3	SSW 4-6	10	10	0.020	a. Overcast, with ☁. Squally p.
4	29° 77	29° 79	44° 8'	49° 7'	33° 4'	49° 8'	397	389	99	94	SSW 3	W 4-5	8	10	0.143	☁ showers after 4 p. ☁ (mist) p.
5	29° 52	29° 50	42° 7'	41° 8'	40° 0'	46° 0'	214	204	79	77	WSW 4-5	WNW 4	7	3	0.144	a. and p. ☁. ☁ (mist) p.
6	30° 05	30° 15	45° 4'	50° 5'	35° 2'	52° 0'	287	342	95	94	S 3	WSW 3	10	3	0.079	☁ (mist) a. and p. ☁ (mist) p.
7	29° 19	29° 22	51° 7'	50° 3'	48° 9'	54° 2'	329	352	86	97	SSW 2	SSW 2	9	10	0.138	Dull. ☁ showers from 1 p. ☁ (mist).
8	29° 26	29° 28	50° 0'	47° 4'	46° 7'	51° 0'	322	282	90	87	S 3	SE 3	10	10	0.002	Overcast. ☁ (mist).
9	29° 32	29° 33	44° 8'	46° 0'	43° 0'	47° 4'	237	233	80	75	SE 3-4	SE 3	10	10	—	Overcast and gloomy. ☁ (mist).
10	29° 33	29° 31	43° 7'	45° 5'	42° 6'	46° 0'	260	266	91	88	ESE 4	ESE 3-4	10	10	—	Overcast and gloomy. ☁ (mist).
11	29° 29	29° 28	47° 3'	44° 4'	43° 8'	47° 3'	250	236	77	81	ESE 3	ESE 3	10	10	—	Overcast and gloomy. ☁ (mist).
12	30° 21	30° 05	42° 9'	42° 0'	41° 2'	44° 4'	220	245	80	92	E 2	Calm 0	10	10	—	☁ (mist) a. Overcast and gloomy. ☁ (mist) p.
13	29° 86	29° 76	48° 4'	44° 5'	37° 0'	50° 8'	273	219	81	76	WSW 4	NNW 2	7	8	0.028	Dull day.
14	29° 69	29° 89	42° 4'	39° 5'	36° 5'	46° 0'	239	162	88	75	NNW 3	N 2	9	2	0.010	☁ 5.30 p. ☁ (mist) p.
15	30° 17	30° 32	37° 4'	40° 1'	31° 2'	45° 9'	157	171	70	69	ENE 3	ESE 4	0	7	—	a. Very fine day.
16	29° 37	29° 38	41° 3'	41° 0'	39° 2'	43° 8'	185	177	72	70	SE 4-5	SE 5-6	5	2	—	Fine, with fresh breeze. Squally p.
17	29° 34	29° 18	40° 4'	41° 0'	39° 2'	42° 8'	167	164	66	64	SE 5	ENE 5	7	0	—	Squally a. and p. Fine, with fresh breeze.
18	29° 02	29° 00	42° 4'	39° 8'	35° 4'	44° 0'	186	205	69	84	E 4-5	E 3	0	0	—	a. Very fine day. ☁ (mist) p.
19	30° 05	30° 05	44° 3'	43° 1'	37° 6'	45° 0'	217	225	75	81	E 5	E 5-6	8	10	—	Squally a. and p.
20	29° 94	29° 78	43° 0'	44° 8'	41° 6'	44° 8'	215	237	78	80	ESE 6-7	ESE 5-6	10	10	—	Squally a. and p. Overcast. ☁ (mist) p.
21	29° 05	29° 06	43° 4'	41° 9'	41° 9'	45° 3'	219	226	77	86	E 5	ESE 5	6	8	—	Squally a. and p. ☁ (mist) p.
22	29° 54	29° 52	42° 7'	41° 7'	39° 3'	42° 8'	250	232	91	88	E 3	ESE 2	9	10	—	Overcast, with ☁ (mist).
23	29° 51	29° 49	42° 0'	42° 2'	38° 5'	44° 8'	229	241	86	89	ESE 3-4	ESE 5-6	7	10	0.174	Dull day. Squally p.
24	29° 44	29° 45	42° 7'	42° 7'	41° 0'	43° 0'	252	255	92	92	E 6	E 5-6	10	10	0.084	Squally a. and p. Overcast, with ☁ (mist) p.
25	29° 39	29° 51	44° 0'	44° 2'	41° 4'	44° 7'	255	261	88	90	E 7	E 6-7	10	10	0.084	Squally a. and p. Overcast, with ☁ (mist) p.
26	29° 26	29° 28	45° 0'	48° 9'	41° 1'	48° 9'	275	341	92	99	ESE 7-9	SE 6-7	10	10	0.810	Squally a. and p. ☁ (mist) a. ☁ (mist) p.
27	29° 13	29° 25	46° 0'	47° 0'	44° 4'	49° 0'	225	323	73	100	W 7-8	SSE 6-7	9	10	0.500	Squally a. and p. Slight meteor shower.
28	29° 04	29° 04	51° 8'	49° 9'	40° 9'	51° 8'	379	220	98	87	WSW 5-6	WNW 3	10	1	0.026	Squally a. Dull day. ☁ (mist) p.
29	29° 45	29° 46	43° 5'	49° 0'	36° 6'	52° 9'	276	310	98	90	ESE 6	W 3-4	10	10	0.182	Squally a. ☁ (mist) p.
30	29° 66	29° 86	45° 0'	45° 0'	42° 0'	49° 0'	284	268	93	90	W 3	WSW 3-4	3	0	—	Very fine day.
Means	29° 836	29° 853	44° 9'	44° 7'	40° 7'	47° 9'	255	250	84° 3'	86° 1'	4° 1'	4° 0'	8° 0'	7° 4'	3° 178	

STONYHURST.

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

NOVEMBER 1885.

1	29° 99	30° 00	37° 5'	46° 5'	34° 0'	46° 8'	187	309	83	97	Calm 0	W 1	0	10	0.165	— in past n.
2	30° 05	29° 97	49° 0'	48° 9'	45° 1'	51° 2'	331	305	96	89	W 1	SW 1	10	10	0.865	Overcast all day.
3	29° 86	29° 77	52° 1'	54° 9'	47° 3'	56° 1'	389	381	100	83	SW 1	SW 2	10	10	0.155	Overcast all day.
4	29° 86	29° 72	45° 5'	42° 9'	40° 1'	55° 1'	250	235	83	85	WNW 1	SW 2	10	10	0.420	Overcast all day.
5	29° 57	29° 52	37° 5'	37° 0'	35° 8'	43° 0'	200	168	90	77	Calm 0	NW 1	10	0	0.165	☁ early a. ☁ (mist) p.
6	30° 14	30° 23	37° 3'	46° 0'	32° 3'	46° 1'	197	292	89	94	Calm 0	Calm 0	10	10	0.063	Overcast and gloomy.
7	29° 28	29° 29	48° 0'	48° 9'	44° 7'	50° 3'	299	301	90	88	WSW 1	Calm 0	10	10	0.002	Overcast and gloomy.
8	29° 34	29° 36	47° 1'	39° 0'	37° 8'	48° 9'	203	199	91	84	S 1	Calm 0	10	0	—	Overcast and gloomy all day.
9	29° 37	29° 36	43° 8'	43° 2'	37° 5'	44° 4'	241	228	84	82	Calm 0	ESE 1	10	10	—	Overcast and gloomy.
10	29° 37	29° 35	43° 2'	43° 2'	40° 1'	44° 8'	244	251	88	90	E 1	Calm 0	10	10	—	Overcast and gloomy.
11	29° 34	29° 31	43° 0'	41° 2'	39° 2'	44° 4'	244	231	88	90	Calm 0	SE 1	10	10	—	Overcast and gloomy.
12	30° 25	30° 09	39° 7'	39° 3'	38° 2'	44° 0'	203	216	83	91	Calm 0	Calm 0	10	10	—	Overcast and gloomy.
13	29° 93	29° 78	42° 0'	45° 0'	38° 3'	46° 5'	235	269	89	90	W 1	SW 2	10	10	0.130	Overcast and gloomy.
14	29° 70	29° 85	42° 1'	36° 0'	35° 2'	45° 0'	248	172	93	81	NW 1	NNE 1	10	10	0.180	Overcast and gloomy.
15	30° 16	30° 36	35° 0'	32° 2'	30° 8'	45° 5'	148	139	72	76	NE 1	Calm 0	0	8	—	— in past n.
16	29° 44	29° 45	34° 1'	35° 9'	30° 7'	41° 0'	138	146	71	69	Calm 0	Calm 0	0	0	—	— in past n. Fine all day.
17	29° 41	29° 41	32° 7'	36° 5'	30° 1'	40° 0'	132	145	71	67	Calm 0	NE 1	0	0	—	— in past n. Fine all day.
18	29° 07	29° 01	30° 1'	37° 0'	34° 0'	41° 6'	176	191	83	87	E 1	NE 1	4	0	—	— in past n.
19	29° 08	29° 09	40° 9'	40° 0'	34° 7'	42° 2'	211	203	84	82	NE 2	NE 2	10	10	—	Overcast and gloomy.
20	30° 01	29° 57	40° 5'	41° 8'	38° 5'	42° 4'	200	201	80	77	E 2	E 1	10	8	—	Overcast and gloomy.
21	29° 72	29° 63	41° 1'	38° 3'	37° 1'	43° 0'	206	205	80	89	ENE 2	E 1	10	9	—	Overcast and gloomy.
22	29° 58	29° 54	37° 3'	38° 2'	37° 2'	42° 8'	199	197	90	86	NE 1	NE 1	10	10	—	— in past n.
23	29° 55	29° 54	34° 0'	40° 9'	30° 1'	42° 1'	160	213	81	84	Calm 0	Calm 0	4	10	—	Overcast all day.
24	29° 52	29° 50	41° 0'	39° 2'	33° 4'	42° 3'	227	215	89	90	E 2	NE 2	10	10	0.070	Overcast all day.
25	29° 46	29° 47	41° 0'	41° 6'	37° 3'	42° 2'	231	243	90	94	NE 1	E 2	10	10	—	Overcast all day.
26	29° 42	29° 40	42° 1'	48° 5'	40° 8'	49° 2'	223	307	84	90	E 3	SE 1	10	10	0.438	Overcast all day.
27	29° 19	29° 18	43° 1'	44° 2'	41° 0'	49° 3'	231	281	82	97	W 5	SSW 1	12	10	0.750	Overcast all day.
28	29° 03	29° 08	51° 1'	41° 1'	39° 8'	51° 8'	352	211	93	82	SW 2	W 2	10	0	0.090	Overcast all day.
29	29° 59	29° 53	40° 0'	48° 0'	35° 3'	50° 7'	225	317	91	95	SSE 1	W 3	10	10	0.275	Overcast all day.
30	29° 69	29° 91	44° 3'	42° 2'	37° 8'	50° 0'	283	263	97	97	W 1	W 2	10	0	—	Overcast all day.
Means	29° 899	29° 905	41° 4'	41° 9'	37° 3'	46° 1'	250	234	86° 3'	86° 3'	1° 1'	1° 1'	8° 3'	7° 5'	3° 768	

NOVEMBER 1885.

WAKEFIELD.

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

NOVEMBER 1885.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	41° 2'	46° 5'	37° 8'	48° 5'	ins.	ins.	87	92	NW 2	W 3	7	10	ins.	Fine a. Cloudy from 3.50p.
2	29° 98	29° 98	41° 2'	46° 5'	37° 8'	48° 5'	223	288	87	92	W 5	SW 4	6	10	0.240	Fine and bright a. Cloudy p.
3	30° 00	30° 00	51° 8'	51° 9'	46° 3'	53° 6'	333	302	86	79	S 3	S 2	8	9	0.010	Cloudy from 4.30p.
4	29° 84	29° 76	57° 5'	57° 5'	50° 1'	59° 8'	379	388	86	82	W 3	W 2	10	2	0.010	Fine from 10a.
5	29° 85	29° 71	46° 7'	43° 8'	37° 4'	58° 6'	250	232	79	80	W 3	S 2	10	0	0.030	Fine and bright from 11a.
6	29° 56	29° 50	39° 7'	36° 7'	36° 7'	50° 5'	210	186	86	86	S 2	S 2	10	10	—	☉ a.
7	30° 16	30° 19	34° 7'	45° 8'	32° 2'	46° 5'	197	283	98	92	S 2	SE 3	8	10	—	Cloudy day.
8	29° 28	29°	49° 8'	49° 8'	44° 1'	54° 1'	322	322	90	90	S 2	E 2	10	10	0.020	Overcast and dark all day.
9	30°	30°	40° 3'	44° 8'	39° 0'	49° 0'	272	271	88	93	SE 2	E 2	10	10	0.020	Dull and gloomy all day.
10	30°	30°	44° 8'	43° 8'	43° 2'	45° 5'	269	239	91	84	E 2	E 2	10	10	—	Cloudy all day.
11	30°	30°	43° 6'	43° 4'	41° 8'	45° 3'	281	279	99	99	E 2	E 2	10	10	—	Dull and cloudy all day.
12	30° 23	30° 10	41° 8'	40° 0'	39° 9'	41° 8'	263	245	99	99	NE 1	NE 1	10	10	—	Fine a. Cloudy p.
13	29° 94	29° 79	39° 5'	47° 8'	38° 2'	48° 3'	228	287	94	86	S 1	S 4	7	10	0.180	☉ in afternoon.
14	29° 68	29° 79	43° 1'	36° 7'	31° 8'	47° 8'	248	179	89	83	SW 2	NW 2	10	10	—	Fine and bright all day.
15	30° 17	30° 37	37° 0'	35° 7'	32° 6'	40° 6'	177	188	81	91	N 2	E 2	10	3	—	Fine, but with ☉.
16	44	46	37° 8'	35° 5'	29° 0'	44° 5'	191	187	84	91	N 2	E 2	10	0	—	☉ till noon, then fine.
17	44	42	34° 7'	27° 7'	22° 2'	39° 9'	133	119	100	NE 2	E 2	E 2	10	0	0.020	Cloudy day.
18	09	03	33° 0'	34° 7'	25° 2'	40° 2'	182	201	97	100	NE 2	E 2	10	10	—	Overcast all day.
19	08	30° 16	38° 6'	40° 8'	34° 0'	42° 1'	216	232	93	92	N 2	E 2	10	5	—	Dull and gloomy.
20	30° 04	29° 89	41° 6'	40° 2'	40° 0'	43° 0'	239	238	92	96	E 2	E 2	10	10	0.010	Dull and gloomy.
21	29° 73	29° 62	39° 1'	40° 0'	36° 5'	41° 8'	237	236	99	95	S 1	S 1	10	10	0.010	Dull and gloomy.
22	58	55	39° 6'	40° 1'	37° 2'	42° 5'	241	235	99	99	E 1	E 1	10	10	0.010	Fine most of day.
23	55	52	39° 9'	40° 8'	32° 4'	43° 5'	241	253	99	99	E 1	E 1	10	10	0.050	Dull and gloomy all day.
24	50	52	40° 8'	40° 2'	37° 6'	43° 1'	248	247	98	99	NE 4	NE 3	10	10	0.550	Dull and gloomy.
25	42	44	42° 0'	42° 8'	34° 8'	43° 5'	265	273	99	99	SW 4	S 4	10	10	0.310	Fine most of day.
26	44	43	42° 8'	46° 2'	42° 1'	46° 5'	273	311	99	99	S 3	SW 5	10	2	0.040	Cloudy day.
27	29° 16	29° 40	45° 8'	49° 2'	43° 2'	51° 3'	239	308	78	89	E 2	NW 2	10	10	0.050	Cloudy day.
28	28° 98	28° 53	53° 6'	42° 4'	41° 8'	56° 8'	377	235	92	87	S 2	NW 2	10	10	0.010	Cloudy day.
29	29° 61	29° 45	41° 4'	52° 6'	39° 0'	56° 4'	359	338	99	85	E 2	NW 2	10	10	0.010	Cloudy day.
30	29° 68	29° 87	47° 8'	44° 8'	38° 8'	53° 0'	305	271	92	92	SW 2	NW 2	10	10	0.010	Cloudy day.
Means	29° 893	29° 900	42° 2'	42° 8'	37° 5'	47° 4'	251	254	92° 1'	90° 9'	2° 1'	2° 1'	9° 1'	7° 8'	2° 100	

BUXTON.

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

NOVEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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.	39.5	42.0	35.5	45.6	ins.	ins.	85	96	Calm	o	3	7	ins.	Fine and bright a. ☉ in afternoon.
2	30.06	30.01	41.5	46.1	41.5	56.5	238	297	92	96	W	1	9	9	3.80	Dull and overcast.
3	29.88	29.78	50.5	52.3	45.2	52.3	357	370	98	95	SW	1	8	9	1.90	Fine a. Dull afternoon.
4	30.06	30.01	41.5	46.1	41.5	56.5	238	297	92	96	W	1	9	9	3.80	Fine a. Dull afternoon.
5	29.88	29.78	50.5	52.3	45.2	52.3	357	370	98	95	SW	1	8	9	1.90	Fine a. Dull afternoon.
6	30.17	30.16	36.8	43.0	32.4	44.9	197	273	91	98	Calm	o	3	3	0.20	☉ a. Fine afternoon.
7	30.17	30.16	36.8	43.0	32.4	44.9	197	273	91	98	Calm	o	3	3	0.20	Fine and bright a. Dull and overcast
8	30.17	30.16	36.8	43.0	32.4	44.9	197	273	91	98	Calm	o	3	3	0.20	☉ before ga. Fine day. [p.]
9	30.17	30.16	36.8	43.0	32.4	44.9	197	273	91	98	Calm	o	3	3	0.20	☉ before ga. Fine day with ☉.
10	30.17	30.16	36.8	43.0	32.4	44.9	197	273	91	98	Calm	o	3	3	0.20	Dull with ☉. [m] (mist).
11	30.17	30.16	36.8	43.0	32.4	44.9	197	273	91	98	Calm	o	3	3	0.20	☉ before ga. Dull day with ☉ and ☉.
12	30.23	30.11	38.0	36.0	36.0	39.0	213	206	93	97	ESE	1	10	8	—	☉ before ga. Dull, overcast and threatening.
13	29.98	29.80	38.4	42.6	35.9	44.0	218	255	94	93	Calm	o	3	6	1.00	☉ before ga. Fine and cold a. Over-
14	29.70	29.82	40.1	35.1	34.5	43.4	239	179	97	87	W	1	9	7	0.60	Dull and threatening. ☉ a. [cast p.]
15	30.14	30.39	34.3	25.0	24.8	38.1	154	127	77	95	Calm	o	1	3	—	Fine and bright all day.
16	30.14	30.39	34.3	25.0	24.8	38.1	154	127	77	95	Calm	o	1	3	—	Fine and bright all day.
17	30.14	30.39	34.3	25.0	24.8	38.1	154	127	77	95	Calm	o	1	3	—	Fine and bright all day.
18	30.14	30.39	34.3	25.0	24.8	38.1	154	127	77	95	Calm	o	1	3	—	Fine and bright all day.
19	30.14	30.39	34.3	25.0	24.8	38.1	154	127	77	95	Calm	o	1	3	—	☉ ga. Fine and mild.
20	30.01	29.90	36.5	37.0	36.5	40.0	196	212	92	96	E	2	7	8	0.20	Dull day. ☉ op.
21	29.71	29.63	36.7	35.0	33.6	37.7	206	199	95	98	E	1	10	6	0.10	☉ ga. Dull and threatening. ☉ op.
22	29.71	29.63	36.7	35.0	33.6	37.7	206	199	95	98	E	1	10	6	0.10	Dull and cold. ☉ op.
23	29.71	29.63	36.7	35.0	33.6	37.7	206	199	95	98	E	1	10	6	0.10	Cold and dull. ☉ p.
24	29.71	29.63	36.7	35.0	33.6	37.7	206	199	95	98	E	1	10	6	0.10	Dull all day. ☉ p.
25	29.71	29.63	36.7	35.0	33.6	37.7	206	199	95	98	E	1	10	6	0.10	Stormy day. ☉ nearly all day.
26	29.71	29.63	36.7	35.0	33.6	37.7	206	199	95	98	E	1	10	6	0.10	☉ all day.
27	29.71	29.63	36.7	35.0	33.6	37.7	206	199	95	98	E	1	10	6	0.10	☉ a. Dull day with ☉.
28	29.71	29.63	36.7	35.0	33.6	37.7	206	199	95	98	E	1	10	6	0.10	Fine a. Dull with ☉ in afternoon.
29	29.71	29.63	36.7	35.0	33.6	37.7	206	199	95	98	E	1	10	6	0.10	☉ nearly all day.
30	29.71	29.63	36.7	35.0	33.6	37.7	206	199	95	98	E	1	10	6	0.10	☉ before ga. Dull with ☉.
Means	29.897	29.911	38.8	39.2	35.1	45.7	216	231	90.8	94.4	0.9	0.9	7.6	7.0	4.755	Dull and overcast a. Clearer p.

HILLINGTON, NORFOLK.

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

NOVEMBER 1885.

NOVEMBER 1885.

Day.	Barometer at 32° and M. S. L.	Air Temperature.	Tension of Vapour.	Relative Humidity.	Wind, Direction and Force.	Cloud Amount.	Rain.	Remarks.										
1	29.90	30.05	43.7	38.0	34.9	50.2	238	221	83	96	NE	3	SW	0.5	5	10	0.002	Very fine and sunny. ☉ ² p.
2	30.07	30.07	44.6	44.9	37.5	51.4	269	294	92	99	SW	1	SW	0.5	10	3	0.210	Overcast all day. Mild.
3	29.98	29.90	48.9	50.8	37.5	51.4	269	294	92	99	SW	4	W	4	10	10	0.750	☉ ² all day, till 8 p.
4	30.07	30.07	44.6	44.9	37.5	51.4	269	294	92	99	SW	1	SW	0.5	10	0	0.240	☉ ² till 1 p.
5	29.82	29.82	47.6	36.9	36.0	51.4	231	214	97	97	WNW	1	SW	0.5	10	0	0.327	☉ a. Day very fine and sunny.
6	30.17	30.30	35.4	41.9	31.3	47.2	193	214	93	82	NW	0.5	SW	1	6	10	—	Overcast all day. ☉ p.
7	30.17	30.30	35.4	41.9	31.3	47.2	193	214	93	82	NW	0.5	SW	1	6	10	—	Overcast all day. ☉ p.
8	30.17	30.30	35.4	41.9	31.3	47.2	193	214	93	82	NW	0.5	SW	1	6	10	—	Overcast all day. ☉ p.
9	30.17	30.30	35.4	41.9	31.3	47.2	193	214	93	82	NW	0.5	SW	1	6	10	—	Overcast all day. ☉ p.
10	30.17	30.30	35.4	41.9	31.3	47.2	193	214	93	82	NW	0.5	SW	1	6	10	—	Overcast all day. ☉ p.
11	30.17	30.30	35.4	41.9	31.3	47.2	193	214	93	82	NW	0.5	SW	1	6	10	—	Overcast all day. ☉ p.
12	30.17	30.30	35.4	41.9	31.3	47.2	193	214	93	82	NW	0.5	SW	1	6	10	—	Overcast all day. ☉ p.
13	30.17	30.30	35.4	41.9	31.3	47.2	193	214	93	82	NW	0.5	SW	1	6	10	—	Overcast all day. ☉ p.
14	29.70	29.71	42.8	39.9	39.4	43.4	271	233	99	95	SW	0.5	NNE	2	10	10	1.180	Frequent ☉ showers. ☉ ⁰ in even- [break since the 6th.]
15	30.06	30.32	37.5	32.6	32.6	43.4	193	168	86	91	NE	1	NE	0.5	7	0	0.005	Very fine and sunny.
16	30.06	30.32	37.5	32.6	32.6	43.4	193	168	86	91	NE	1	NE	0.5	7	0	0.005	☉ a. Very fine and sunny. ☉ p.
17	30.06	30.32	37.5	32.6	32.6	43.4	193	168	86	91	NE	1	NE	0.5	7	0	0.005	☉ a. Very fine and sunny. ☉ p.
18	30.06	30.32	37.5	32.6	32.6	43.4	193	168	86	91	NE	1	NE	0.5	7	0	0.005	☉ a. Very fine and sunny. ☉ p.
19	30.06	30.32	37.5	32.6	32.6	43.4	193	168	86	91	NE	1	NE	0.5	7	0	0.005	☉ a. Very fine and sunny. ☉ p.
20	30.06	30.32	37.5	32.6	32.6	43.4	193	168	86	91	NE	1	NE	0.5	7	0	0.005	☉ a. Very fine and sunny. ☉ p.
21	30.06	30.32	37.5	32.6	32.6	43.4	193	168	86	91	NE	1	NE	0.5	7	0	0.005	☉ a. Very fine and sunny. ☉ p.
22	30.06	30.32	37.5	32.6	32.6	43.4	193	168	86	91	NE	1	NE	0.5	7	0	0.005	☉ a. Very fine and sunny. ☉ p.
23	30.06	30.32	37.5	32.6	32.6	43.4	193	168	86	91	NE	1	NE	0.5	7	0	0.005	☉ a. Very fine and sunny. ☉ p.
24	30.06	30.32	37.5	32.6	32.6	43.4	193	168	86	91	NE	1	NE	0.5	7	0	0.005	☉ a. Very fine and sunny. ☉ p.
25	30.06	30.32	37.5	32.6	32.6	43.4	193	168	86	91	NE	1	NE	0.5	7	0	0.005	☉ a. Very fine and sunny. ☉ p.
26	30.06	30.32	37.5	32.6	32.6	43.4	193	168	86	91	NE	1	NE	0.5	7	0	0.005	☉ a. Very fine and sunny. ☉ p.
27	30.06	30.32	37.5	32.6	32.6	43.4	193	168	86	91	NE	1	NE	0.5	7	0	0.005	☉ a. Very fine and sunny. ☉ p.
28	30.06	30.32	37.5	32.6	32.6	43.4	193	168	86	91	NE	1	NE	0.5	7	0	0.005	☉ a. Very fine and sunny. ☉ p.
29	30.06	30.32	37.5	32.6	32.6	43.4	193	168	86	91	NE	1	NE	0.5	7	0	0.005	☉ a. Very fine and sunny. ☉ p.
30	30.06	30.32	37.5	32.6	32.6	43.4	193	168	86	91	NE	1	NE	0.5	7	0	0.005	☉ a. Very fine and sunny. ☉ p.
Means	29.911	29.918	42.0	41.4	37.0	46.3	240	243	90.5	91.5	1.7	1.7	8.3	7.0	3.538	☉ ² ga. Overcast all day. ☉ ⁰ till 11.30a.		

UPPINGHAM.

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

NOVEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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	39.2	36.9	47.5	in.	in.	92	89	N by E 2	NW 1	1	10	ins.	☉ a.
2	29.92	30.04	40.0	39.2	36.9	47.5	.226	.214	92	89	W by S 2	SW 2	6	10	.210	Sunny a. Overcast p. ☉ op.
3	29.08	30.07	44.0	47.3	38.7	53.1	.277	.312	96	96	SW 3	sw by S 4	10	10	.729	Gloomy all day, with ☉ ⁰ till 2 p.
4	29.96	29.89	49.2	51.9	46.0	52.1	.345	.364	99	94	swb. S 2	W by S 2	10	0	.156	☉ ² n. and a. Very gloomy till noon.
5	.84	.83	45.6	36.5	36.4	52.0	.292	.187	96	87	S 2	NW 4	10	1	.209	☉ ² a. ☉ ² 9.30a.—noon. ☉ ⁰ op.
6	29.61	29.86	38.5	35.9	34.3	40.7	.219	.192	94	91	W 1	SW 2	10	4	—	☉ ² a. Mackerel sky ga. Sunny at
7	30.19	30.27	36.9	42.7	31.4	47.2	.191	.259	88	94	S 1	S 2	10	10	—	Overcast (thinly) all day.
8	.31	.34	45.0	45.8	42.2	48.6	.285	.267	95	87	SSE 2	Calm 0	5	10	—	☉ ⁰ a. Cloudless ga. Overcast from
9	.39	.36	41.0	41.3	35.9	45.9	.235	.258	91	99	E by N 1	ESE 1	10	10	.018	☉ ² a. Dark all day, with Scotch
10	.34	.33	42.2	40.8	40.7	43.4	.261	.236	96	93	E 2	E 1	10	10	.021	[p. ☉ ⁰ op.]
11	.32	.29	38.9	40.9	38.1	43.6	.221	.240	94	95	E 1	Calm 0	10	10	.018	☉ ² a. Dark all day, with Scotch
12	.23	.30	39.1	38.1	37.9	41.4	.231	.217	98	95	Calm 0	Calm 0	10	10	.010	☉ ² n. and p. (mist) all day. [p. ☉ ⁰ op.]
13	30.01	29.85	39.8	40.0	37.7	44.3	.225	.238	92	94	SSW 1	SW 3	10	10	.109	☉ ⁰ (mist) a. Day dark. Evening obs.
14	29.72	29.76	41.9	36.1	36.1	42.4	.253	.205	95	96	NNW 1	N 3	10	10	.098	[taken at 9.17 p.]
15	30.09	30.33	32.0	31.8	30.1	40.0	.157	.160	87	90	N 4	N by W 1	0	0	—	☉ ⁰ op. Very dark till noon. ☉ ⁰ shower 10.20 a.
16	.43	.46	32.1	30.2	28.3	42.1	.154	.137	85	81	NE 1	Calm 0	1	0	—	☉ ² a. and p. Bright and sunny all day.
17	.40	30.20	31.8	28.3	20.2	15.4	.155	.85	86	ENE 2	E by S 1	1	0	—	☉ ² a. and p. Day almost cloudless.	
18	.04	29.97	30.4	32.3	27.5	44.7	.154	.173	91	94	ENE 1	E by N 2	0	2	.021	☉ ² a. and p. Cloudless day.
19	30.02	30.07	35.9	36.8	30.2	43.9	.207	.165	98	93	N by N 2	E by N 2	2	10	—	☉ ⁰ a. Day bright and sunny. ☉ ⁰ op.
20	29.99	29.89	30.6	37.9	33.9	41.3	.201	.215	93	95	E by N 2	SSW 1	10	10	.010	☉ ⁰ a. Day cloudless. ☉ ⁰ op.
21	.72	.61	35.1	35.2	33.7	39.6	.203	.204	99	99	E by S 1	ENE 1	10	10	.011	☉ ⁰ a. Overcast day.
22	.55	.51	38.0	37.9	35.0	39.1	.226	.234	99	98	ENE 1	NE 1	10	10	.010	☉ ⁰ a. Day gloomy. ☉ ⁰ a. ☉ ⁰ op.
23	.52	.53	37.9	38.7	36.8	44.8	.204	.220	92	94	N by E 1	NNE 1	9	10	.059	☉ ⁰ a. ☉ ⁰ 11a.—2 p.
24	.51	.47	37.7	38.8	37.7	39.0	.234	.234	98	99	ESE 2	ESE 2	10	10	.514	☉ ⁰ a. Dark and overcast p.
25	.40	.39	42.0	42.9	38.0	43.1	.265	.274	99	99	E 1	NE 1	10	10	.288	☉ ⁰ a. Very gloomy all day, with ☉ ⁰ till noon.
26	.46	.20	42.2	48.7	42.1	48.7	.265	.334	98	94	E by S 3	S by E 4	10	8	.377	☉ ⁰ a. and p. Very gloomy till noon.
27	.32	.52	44.4	46.0	44.0	49.8	.234	.267	80	87	swb. w 5	swbys 5	7	7	.269	☉ ⁰ a. (gale) ☉ ² late p.
28	.12	.58	41.8	41.6	41.2	55.1	.364	.223	94	85	SSW 6	W by N 2	10	0	.122	☉ ⁰ a. Overcast most of day, with ☉ ⁰ (gale).
29	.66	.53	40.3	53.2	35.9	54.8	.246	.307	98	98	SSE 1	swb. w 6	10	9	.259	☉ ⁰ a. (gale) ☉ ² early a. Gloomy most of day.
30	29.71	29.96	46.0	39.2	39.2	54.1	.306	.232	99	96	WSW 1	W by S 1	10	1	.057	☉ ⁰ a. ☉ ⁰ 11a.—1 p., then bright.
Means	29.906	29.919	40.0	40.1	36.5	45.5	.236	.237	94.0	93.3	1.8	1.9	7.7	7.1	3.515	☉ ⁰ a. ☉ ⁰ later p.

GELDESTON (BECCLES).

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

NOVEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.		Tension 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.	ins.	ins.	ins.	ins.	%	%	NNE 1	WNW 1	3	3	ins.	0° ga. 2° sp.
2	29°84	30°04	45°7	37°8	30°5	48°5	247	212	81	94	277	305	89	90
3	30°03	30°09	46°1	48°4	35°9	52°4	277	305	89	90	277	305	89	90
4	29°83	29°83	45°1	48°8	35°1	51°9	271	301	99	96	271	301	99	96
5	29°67	29°75	42°0	41°2	38°7	46°8	243	253	91	98	243	253	91	98
6	30°15	30°31	39°1	36°1	34°9	49°6	217	194	91	91	217	194	91	91
7	35	36	42°9	37°9	34°6	46°5	216	211	79	93	216	211	79	93
8	37	34	42°2	46°1	34°9	46°1	245	266	91	86	245	266	91	86
9	33	31	45°0	45°1	44°1	46°2	253	288	85	96	253	288	85	96
10	33	33	44°4	42°9	42°0	47°5	292	274	100	99	292	274	100	99
11	30	27	44°1	44°2	41°0	45°4	269	261	93	90	269	261	93	90
12	22	30°12	43°1	42°3	41°9	44°2	258	242	93	90	258	242	93	90
13	30°02	29°84	41°2	44°0	40°1	44°6	233	283	91	98	233	283	91	98
14	29°70	29°66	45°0	42°0	40°0	45°0	277	245	93	92	277	245	93	92
15	30°01	30°30	38°2	36°1	33°8	44°0	206	185	90	86	206	185	90	86
16	42	45	40°9	41°1	32°9	45°6	198	184	78	72	198	184	78	72
17	40	30°20	39°2	39°0	35°8	41°8	162	181	69	77	162	181	69	77
18	30°03	29°95	37°9	36°5	34°7	40°9	190	191	83	89	190	191	83	89
19	29°99	30°06	41°8	42°8	32°1	44°9	193	217	74	79	193	217	74	79
20	30°01	29°90	42°2	39°0	38°2	45°0	225	205	85	86	225	205	85	86
21	29°74	30°01	39°1	38°1	35°7	41°0	217	235	91	98	217	235	91	98
22	53	48	42°0	41°2	37°1	42°8	249	233	94	91	249	233	94	91
23	49	53	41°0	41°4	39°5	42°2	233	261	91	100	233	261	91	100
24	54	52	41°0	43°0	39°1	43°0	221	275	86	99	221	275	86	99
25	43	42	44°0	45°8	42°1	45°8	288	299	100	97	288	299	100	97
26	52	27	43°2	49°9	42°2	49°9	275	356	98	100	275	356	98	100
27	34	34	51°0	48°3	45°0	51°0	321	304	85	90	321	304	85	90
28	26	54	52°0	45°9	44°9	56°9	356	244	92	79	356	244	92	79
29	74	54	41°1	57°2	37°9	57°2	256	429	99	91	256	429	99	91
30	29°71	29°90	48°0	42°6	41°0	57°9	330	258	99	94	330	258	99	94
Means	29°912	29°914	43°4	42°9	38°7	47°2	255	256	89°4	91°3	1°4	1°4	7°4	6°6

CHELTENHAM.

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

NOVEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.		Tension 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	29°98	30°10	38°8	42°0	36°0	46°8	218	239	93	90	N	4	Calm 0	6
2	30°13	30°09	45°8	50°6	41°0	53°5	202	231	95	90	SW	1	SW 4	8
3	30°01	29°90	52°0	54°6	48°5	55°0	377	379	97	89	S	2	S 4	10
4	29°88	29°82	47°0	42°4	39°4	55°0	323	233	100	86	W	1	W 2	10
5	29°61	29°96	42°8	35°1	35°1	46°1	256	193	93	84	S	3	Calm 0	10
6	30°20	30°28	41°8	47°0	26°6	49°0	225	298	85	93	Calm 0	SW 1	6	10
7	32	34	49°2	48°0	46°0	52°1	312	305	90	92	S	2	S 1	8
8	34	34	44°8	43°8	41°6	48°1	250	263	84	92	S	4	S 1	0
9	32	31	43°2	43°5	42°5	45°0	268	260	96	92	Calm 0	E	1	10
10	32	30	43°8	45°5	41°6	46°0	270	288	95	95	Calm 0	NE 1	10	10
11	29	26	43°8	41°6	40°5	46°0	266	257	93	97	E	1	Calm 0	10
12	21	30°14	41°6	41°7	41°5	42°6	243	244	93	93	Calm 0	Calm 0	10	10
13	30°01	29°86	40°6	45°6	38°4	46°2	246	266	97	87	Calm 0	S	2	10
14	29°71	29°81	46°0	43°5	36°5	46°5	302	269	97	95	W	1	NW 2	10
15	30°16	30°34	31°5	35°5	30°0	44°8	160	175	91	84	W	1	SE 1	0
16	39	40	37°6	34°5	32°2	42°0	185	153	82	77	SE	1	Calm 0	0
17	30°31	30°13	35°6	34°6	31°0	41°0	156	170	74	84	E	4	E 5	0
18	29°99	29°93	33°4	35°5	28°0	40°0	160	181	84	87	N	1	E 1	6
19	99	97	38°6	41°6	34°2	44°5	199	219	85	84	E	5	E 7	6
20	93	82	41°5	41°6	40°5	46°1	228	223	88	86	NE	1	NE 1	9
21	65	55	38°9	41°8	37°8	44°1	206	239	87	91	E	1	E 2	2
22	53	50	39°8	40°0	38°2	42°2	243	240	99	98	NW	1	Calm 0	10
23	52	53	41°0	40°4	39°2	42°2	230	223	90	90	NE	1	Calm 0	10
24	40	39	40°6	41°5	40°0	42°2	242	255	97	98	E	6	SE 5	10
25	35	34	44°0	45°6	41°2	48°1	286	299	99	98	Calm 0	Calm 0	10	10
26	34	32	46°4	52°2	45°5	54°2	308	338	98	86	SE	8	S 8	10
27	43	52	47°2	50°2	45°6	52°5	233	294	73	81	SW	4	SW 5	6
28	16	67	55°6	45°4	44°1	55°6	409	241	93	80	SW	6	SW 2	10
29	56	29°60	47°8	55°8	36°2	56°6	313	422	94	94	S	6	S 7	10
30	29°75	30°01	48°8	38°6	37°5	56°0	340	225	98	96	W	1	W 1	10
Means	29°892	29°908	43°0	43°3	38°5	47°7	258	257	91°3	90°0	2°2	2°1	7°4	7°0

CARMARTHEN.

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

NOVEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°6	45°7	40°3	53°9	248	295	72	96	SE 1	Calm 0	1	10	ins.	Fine during day. ☉ after 8p.
2	30°03	30°10	51°5	51°0	45°1	54°3	365	374	96	100	W 1	SW 1	10	10	°480	Overcast all day.
3	30°13	30°04	53°6	53°4	50°8	54°3	412	409	100	100	SW 3	SW 4	10	10	°320	Overcast all day.
4	29°95	29°81	45°1	44°5	43°2	54°0	242	281	81	96	NW 1	SW 1	10	5	°150	
5	94	29°77	45°7	42°8	41°4	48°3	246	217	81	79	NW 2	Calm 0	6	3	°050	▲ 9.30a.
6	29°64	30°04	45°7	42°8	41°4	48°3	246	217	81	79	NW 2	Calm 0	6	3	°050	
7	30°17	25	43°3	48°6	40°3	52°4	278	343	99	100	E 1	Calm 0	10	10	°220	
8	25	26	51°0	49°8	48°1	53°4	374	340	100	95	SW 1	Calm 0	6	10	—	
9	30	30	47°9	39°5	38°8	53°4	303	216	91	90	SE 3	E 3	10	0	—	
10	31	29	44°0	44°5	38°8	45°1	256	259	89	90	E 2	E 1	10	10	—	
11	29	26	44°0	46°1	42°7	47°0	273	274	94	89	E 1	E 1	10	10	—	Overcast all day.
12	27	25	46°3	41°7	41°0	46°6	278	240	90	91	E 2	E 1	10	10	—	Overcast all day.
13	30°00	29°83	43°0	45°7	41°7	50°4	256	299	92	95	E 1	Calm 0	10	10	—	Overcast all day.
14	29°73	29°90	44°9	38°0	37°7	47°8	296	204	99	89	N 1	Calm 0	10	3	°050	Overcast a.
15	30°14	30°29	38°0	32°0	31°1	44°1	162	181	70	100	N 2	NE 2	0	0	—	Overcast a. ☉ after 9p.
16	32	30	41°0	36°2	29°5	46°0	197	129	77	60	E 2	NE 6	0	0	—	Very fine day.
17	30°24	30°04	39°0	34°8	32°7	43°3	142	155	60	76	E 5	NE 6	0	0	—	Fine all day.
18	29°89	29°86	37°5	36°9	30°3	41°8	166	178	74	82	E 5	NE 7	6	6	—	Fine all day, but cold and windy.
19	90	91	42°8	40°8	35°4	44°9	203	203	73	80	E 5	SE 4	5	9	—	Squally ☌. ☌ 9p.
20	85	70	42°6	45°4	39°3	46°5	227	254	83	84	E 3	E 2	10	10	—	Squally before 9a.
21	57	48	43°2	42°2	40°2	46°5	217	247	78	92	E 1	E 3	8	10	—	
22	48	47	41°2	41°0	39°3	46°2	235	246	92	96	E 1	Calm 0	9	9	—	
23	50	44	40°0	41°2	36°6	43°7	238	255	97	98	SE 1	Calm 0	10	10	—	
24	26	35	43°6	42°2	40°2	46°7	277	265	97	98	E 2	E 1	16	10	°410	[show
25	27	30	43°5	45°3	40°7	45°7	271	295	96	98	E 1	E 1	10	10	°080	Overcast all day. Frequent
26	17	02	49°8	50°8	44°8	53°4	348	353	97	95	SE 6	S 7	10	10	°300	Overcast all day. ☉ p.
27	45	33	48°5	51°0	45°3	51°5	245	374	72	100	W 3	SW 7	10	10	°350	Overcast all day. ☉ a.
28	16	73	52°4	37°7	37°4	54°0	369	223	94	99	SW 5	Calm 0	10	1	°400	Overcast all day. Squally ☌ ☌ p.
29	51	29°62	54°8	54°8	36°8	55°9	430	430	100	100	SW 4	SW 5	10	10	°420	Overcast, with ☉, all day.
30	29°75	30°66	48°1	39°8	39°3	55°4	334	238	99	98	Calm 0	W 1	10	0	°010	Fine day.
Means	29°855	29°870	45°2	43°5	39°7	49°0	271	267	87.8	91.8	2.2	2.2	8.0	7.2	4.070	

MARGATE.

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

NOVEMBER 1885.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	45.8	44.1	42.1	48.6	ins.	ins.	75	87	NNE 4	Calm 0	6	0	ins.	a. Fine and sunny.
2	30.14	30.10	43.0	44.0	38.5	53.0	2.44	2.55	88	98	W 2	Calm 0	10	1	—	Fine day.
3	30.11	30.02	50.8	49.6	43.3	52.2	3.42	3.12	92	88	SW 2	SW 2	10	10	0.08	ga.
4	29.89	29.88	51.5	41.7	41.5	53.1	3.65	2.48	96	94	SW 3	SW 1	10	7	3.70	Dark day.
5	29.73	29.78	44.8	41.7	38.3	48.5	2.56	2.25	86	86	SW 2	SW 4	3	9	5.00	Fine day. D. qp.
6	30.18	30.34	41.1	36.0	34.8	47.0	2.13	1.83	82	87	WNW 2	Calm 0	0	0	—	a. Fine day.
7	30.38	30.37	39.9	43.2	33.1	49.8	2.21	2.50	91	89	Calm 0	Calm 0	0	10	—	Dull day.
8	30.36	30.31	46.2	46.0	43.1	47.0	2.62	2.59	85	84	E 1	E 1	10	10	—	
9	30.31	30.30	45.6	46.1	44.8	47.4	2.54	2.61	83	84	E 2	E 2	10	10	—	
10	30.30	30.30	47.9	44.6	43.1	48.0	3.08	2.76	93	94	E 1	E 2	10	10	—	Dull and overcast.
11	30.28	30.27	45.6	44.4	42.2	46.2	2.69	2.54	88	87	E 1	E 2	10	10	—	Dull and overcast.
12	30.24	30.16	41.7	42.1	41.1	45.6	2.40	2.44	91	91	E 1	E 1	10	10	—	Dull and overcast.
13	30.06	29.91	44.0	43.7	41.1	46.6	2.67	2.67	93	93	E 1	SE 2	10	10	—	Dull and overcast, with (mist).
14	29.76	29.70	45.7	43.6	41.4	49.4	2.88	2.44	94	86	S 1	SE 2	10	10	—	Dull and overcast, with (mist).
15	30.01	30.29	40.0	43.2	38.9	44.8	2.05	1.77	83	63	NNW 4	E 3	1	8	0.02	before ga. Dull day.
16	30.41	30.43	40.7	39.7	37.8	43.8	1.46	1.62	58	66	E 3	E 4	0	3	—	Fine day. Meteors seen.
17	30.34	30.15	38.0	38.0	34.8	40.9	1.54	1.56	67	67	E 3	ESE 4	0	0	—	Fine day. Cold night.
18	29.99	29.90	37.0	40.7	33.7	40.9	1.65	1.97	75	78	ESE 1	E 2	2	9	—	a. Very cold day.
19	30.04	30.00	45.0	42.9	40.4	46.0	2.52	2.07	84	76	E 2	E 3	10	10	—	Fine day.
20	30.06	29.87	42.4	41.9	41.1	44.8	2.20	2.10	82	80	E 2	SE 2	10	10	—	Dull day.
21	30.07	30.06	43.2	42.7	36.2	43.5	2.06	2.50	90	91	SE 1	E 1	0	9	—	Cloudy day.
22	30.04	30.04	44.6	44.5	40.0	47.1	2.52	2.57	86	88	Calm 0	E 2	9	10	—	Fine and sunny.
23	30.04	30.04	43.5	42.0	41.3	46.0	2.51	2.45	89	92	N 2	SE 1	10	10	—	Dull, with .
24	30.04	30.04	43.5	42.0	41.3	46.0	2.51	2.45	89	92	N 2	SE 1	10	10	—	Dull day.
25	30.04	30.04	43.5	42.0	41.3	46.0	2.51	2.45	89	92	N 2	SE 1	10	10	—	before ga. Dull day.
26	30.04	30.04	43.5	42.0	41.3	46.0	2.51	2.45	89	92	N 2	SE 1	10	10	—	before ga. all day.
27	30.04	30.04	43.5	42.0	41.3	46.0	2.51	2.45	89	92	N 2	SE 1	10	10	—	nearly all day.
28	30.04	30.04	43.5	42.0	41.3	46.0	2.51	2.45	89	92	N 2	SE 1	10	10	—	a.
29	30.04	30.04	43.5	42.0	41.3	46.0	2.51	2.45	89	92	N 2	SE 1	10	10	—	p.
30	29.76	29.98	56.2	46.8	46.3	57.0	4.13	3.01	91	94	SW 3	SSW 2	10	7	2.00	before ga. in afternoon.
Means	29.921	29.937	44.6	44.3	40.6	48.5	2.61	2.57	86.7	86.7	2.1	2.0	7.3	7.5	2.330	

SOUTHAMPTON.

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

NOVEMBER 1885.

1	29.93	30.12	42.5	38.1	37.9	49.4	2.36	2.23	87	97	N 3	N 0.5	1	0	—	Beautiful day throughout. D. 2. [at night.]
2	30.17	30.15	42.7	49.2	36.7	53.6	2.63	3.35	96	96	SW 0.5	SW 0.5	10	10	—	nearly all day.
3	30.10	30.00	50.2	52.5	47.8	53.0	3.54	3.84	98	97	SW 3	SW 3	10	10	—	Fine from 1.30p. D. 2 on grass at night.
4	29.89	29.91	49.5	40.7	40.3	53.2	3.38	2.22	95	88	NW 1.5	Calm 0	10	1	0.03	a. Day fine and pleasant [throughout.]
5	29.68	29.95	48.0	40.6	39.6	51.4	2.85	2.05	86	82	SW 3	NW 4	10	1	0.14	a. Overcast all day. 0 p.
6	30.22	30.33	37.1	45.9	34.1	51.6	2.15	2.90	97	95	E 0.5	SE 0.5	10	10	—	Thickly overcast a. 0 3.30p.-0p.
7	30.34	30.34	45.9	46.8	43.0	51.4	2.92	3.06	95	95	SE 0.5	Calm 0	10	10	—	Thickly overcast all day.
8	30.37	30.31	38.1	44.0	35.2	47.7	2.23	2.74	97	95	SW 0.5	NE 1.5	10	10	—	Thickly overcast all day.
9	30.29	30.28	43.9	43.4	43.0	46.0	2.70	2.74	95	98	NE 1.5	NE 1.5	10	10	—	Thickly overcast all day.
10	30.29	30.28	44.7	46.7	43.0	47.2	2.84	3.02	96	95	NE 1.5	ESE 1.5	10	10	—	Thickly overcast all day.
11	30.27	30.26	44.1	44.1	43.8	47.2	2.71	2.82	93	97	NE 2	NE 0.5	10	10	—	Thickly overcast all day.
12	30.23	30.15	42.9	43.9	42.1	45.8	2.63	2.66	95	93	NE 1	E 0.5	10	10	—	Thickly overcast all day.
13	30.04	29.91	45.4	47.7	43.1	50.1	2.96	3.13	98	95	SE 0.5	SE 1.5	10	10	—	Dull and damp, with (mist) a. Thickly overcast all day.
14	29.77	29.79	45.7	41.4	41.4	49.7	3.01	2.42	98	93	SW 0.5	NW 1.5	10	1	0.18	Dull and damp, with (mist) a.
15	30.09	30.29	35.5	33.8	32.6	43.7	1.81	1.86	87	95	N 1	NE 2	0	0	—	a. and p. Beautiful day. [wind.]
16	30.36	30.35	35.8	35.0	31.7	44.6	1.91	1.48	91	72	E 2	E 3.5	0	0	—	a. Beautiful day, but with cold [wind.]
17	30.26	30.07	34.8	33.9	31.1	42.2	1.50	1.55	73	82	ENE 3.5	ENE 3	0	0	—	a. Day fine and pleasant.
18	29.93	29.87	33.5	35.8	30.2	41.4	1.64	1.93	85	92	ENE 2	NE 1	10	2	—	Fine and pleasant.
19	29.88	29.82	35.6	43.8	34.5	48.2	2.17	2.37	93	83	NE 2.5	NE 2.5	2	10	—	Overcast all day.
20	29.89	29.81	43.3	42.3	38.3	48.4	2.33	2.22	83	83	ENE 1	E 2	9	10	—	Thickly overcast, with (mist) a.
21	30.48	30.44	41.6	42.9	41.2	46.9	2.49	2.60	95	95	NE 2	NE 2.5	10	10	—	Fine and pleasant.
22	30.50	30.51	40.8	40.9	40.0	44.5	2.37	2.36	94	93	NE 2	NE 1.5	10	10	—	Overcast all day.
23	30.43	30.40	42.7	47.2	40.3	48.5	2.59	3.22	94	100	SE 3	Calm 0	10	10	—	Thickly overcast, with (mist) a.
24	30.35	30.32	44.0	48.9	41.5	49.9	3.08	3.47	100	100	ENE 1	SE 2	10	10	—	Fine and pleasant.
25	30.35	30.32	44.0	48.9	41.5	49.9	3.08	3.47	100	100	ENE 1	SE 2	10	10	—	Thickly overcast, with (mist) a.
26	30.40	30.35	48.6	52.6	47.2	53.9	3.33	3.61	97	91	SE 2	SW 5	10	0	0.772	Dull and damp, with (mist) a. from 2p.
27	30.54	30.66	48.2	51.2	47.9	53.8	3.23	3.81	86	86	SW 3	SW 4	1	10	0.607	a. (force 6 to 7) before ga. Fine [and mild a. Many meteors seen.]
28	30.33	30.75	53.6	46.1	46.1	56.6	3.94	2.86	96	92	SW 6.5	W 1	10	0	2.00	a. (force 7) a. Fine p.
29	30.65	30.73	50.5	56.1	38.2	56.8	3.60	4.30	97	95	SW 2.5	SW 6	10	10	1.05	a. 6a.—10.30a. and p.
30	29.81	30.02	55.8	45.9	45.9	57.6	4.25	2.90	95	95	SW 3.5	W 2	10	0	0.038	
Means	29.904	29.923	43.6	44.2	39.8	49.3	2.69	2.73	92.7	92.1	2.0	1.9	8.1	6.8	3.022	

ST. LEONARDS.

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

NOVEMBER 1885.

Day.	Barometer at 32" and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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° 2	40° 5	40° 2	48° 2	in.	in.	75	85	NNE 5	NNE 1	5	0	ins.	Squally ☼.
2	29° 80	30° 11	43° 2	40° 5	40° 2	48° 2	2° 30	2° 12	82	85	WSW 1	Calm 0	10	5	—	Overcast till 11a. [showers.]
3	30° 17	30° 17	44° 6	46° 4	39° 0	54° 3	2° 60	2° 02	89	93	SW 2	SSW 2	10	10	0° 062	Overcast all day, with frequent ☼.
4	30° 13	30° 04	51° 1	50° 2	46° 4	52° 2	3° 17	3° 22	84	89	SW 2	WNW 2	10	10	0° 245	Overcast, with ☼, till evening.
5	29° 90	29° 91	51° 0	39° 9	39° 9	51° 9	3° 56	2° 38	95	97	SW 1	WNW 5	8	2	0° 241	Partial ☉ a. Overcast, with frequent ☼.
6	29° 72	29° 84	47° 2	40° 6	37° 8	50° 1	2° 77	1° 99	86	79	WNW 3	NNW 1	1	0	0° 006	Fine day. ☼ in evening. [☼], till 2p.
7	30° 19	30° 34	40° 7	42° 8	34° 4	50° 7	1° 92	2° 10	76	76	E 1	E 1	1	5	—	till 8a. ☼ till 9a. Fine during [day.]
8	30° 37	30° 35	49° 5	41° 5	40° 7	52° 2	2° 69	2° 30	76	89	NE 1	NE 1	10	10	—	Overcast and gloomy all day, with ☼.
9	30° 34	30° 30	43° 7	44° 7	41° 0	47° 0	2° 51	2° 59	88	88	E 2	ENE 1	10	10	—	Overcast and gloomy all day, with ☼.
10	30° 29	30° 27	45° 7	44° 1	44° 1	46° 6	2° 51	2° 66	82	92	ENE 2	ENE 4	10	10	—	Overcast and gloomy all day, with ☼.
11	30° 29	30° 29	46° 4	44° 6	44° 0	48° 4	2° 94	2° 90	94	98	NE 2	NE 1	10	10	—	Overcast and gloomy all day, with ☼.
12	30° 27	30° 26	43° 0	43° 5	43° 0	46° 5	2° 66	2° 46	96	87	NE 1	Calm 0	1	0	—	Overcast and gloomy all day, with ☼.
13	30° 23	30° 14	42° 0	42° 7	42° 0	44° 5	2° 39	2° 41	90	88	S 2	S 1	10	10	—	Overcast and gloomy all day, with ☼.
14	30° 06	29° 93	46° 2	44° 6	42° 7	47° 0	2° 92	2° 73	94	93	W 1	W 2	10	9	0° 030	Overcast, with occasional ☼.
15	29° 77	29° 71	47° 6	42° 5	42° 3	50° 8	3° 05	2° 38	93	87	N 4	N 4	0	2	0° 020	Fine till 2p.
16	30° 02	30° 28	36° 3	35° 7	35° 2	43° 3	1° 85	1° 74	86	83	ENE 4	E 6	0	0	—	Fine day. ☼ from noon.
17	30° 37	30° 39	41° 2	38° 8	35° 3	43° 2	1° 35	1° 48	53	63	E 5	E 5	0	0	—	a. Fine all day, with ☼.
18	30° 28	30° 11	37° 0	37° 1	34° 8	39° 5	1° 43	1° 58	65	71	ESE 2	NE 4	3	2	—	Overcast, with ☼ at night.
19	29° 97	29° 85	38° 6	37° 9	31° 8	40° 3	1° 73	1° 88	74	82	ENE 4	ENE 5	4	10	—	Overcast day.
20	29° 89	29° 94	43° 2	42° 7	35° 8	46° 5	2° 32	2° 07	83	76	ESE 2	SSE 2	10	5	—	Overcast all day.
21	29° 92	29° 84	42° 4	44° 3	41° 5	45° 1	1° 96	2° 15	73	74	NE 3	NE 3	8	10	0° 092	Overcast all day, with ☼ and frequent ☼.
22	29° 67	29° 55	40° 6	44° 6	39° 4	45° 3	2° 27	2° 02	90	89	SE 1	SSE 3	10	10	0° 006	Overcast all day, with ☼ and frequent ☼.
23	29° 47	29° 41	42° 2	43° 7	41° 5	49° 0	2° 45	2° 74	91	96	SSE 2	SSE 3	10	10	0° 350	Overcast all day, with ☼ and frequent ☼.
24	29° 49	29° 45	40° 4	47° 0	39° 6	47° 7	2° 42	3° 11	97	97	SSE 3	ESE 3	10	10	—	Overcast all day, with ☼.
25	29° 37	29° 33	49° 0	47° 8	46° 2	50° 1	3° 38	3° 28	97	98	SSE 1	SW 4	10	10	0° 665	Bar. falling from 8p.
26	29° 48	29° 34	49° 3	51° 6	47° 2	52° 9	3° 30	3° 61	99	95	SW 3	SW 3	7	5	0° 544	☼ (rare) n. and early a. ☼ till 4p.
27	29° 52	29° 73	49° 7	49° 6	49° 1	52° 7	3° 02	3° 17	85	99	SSE 2	SSE 5	10	10	0° 240	Overcast all day, with ☼ and almost ☼.
28	29° 42	29° 68	50° 3	46° 2	46° 2	51° 7	3° 32	2° 67	97	86	SW 5	W 1	10	0	0° 078	☼ n. ☼ (mist) a. Overcast [day, with ☼].
29	29° 71	29° 73	48° 7	52° 8	41° 8	54° 3	3° 39	3° 97	99	99	SW 5	W 1	10	0	0° 540	
Means	29° 512	29° 925	44° 8	43° 9	41° 0	43° 4	2° 63	2° 50	86° 9	87° 5	2° 5	2° 6	7° 5	5° 9	3° 540	

BABBACOMBE.

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

NOVEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	45.2	42.8	39.9	52.9	217	242	72	88	NNW 4	W 1	1	2	ins.	○ 4.15p.-4.45p. D (mist) p.
2	30.01	30.15	45.2	42.8	39.9	52.9	217	242	72	88	NNW 4	W 1	1	2	ins.	○ (mist) in valleys 8a.-10a.
3	30.08	29.97	49.0	49.9	42.0	54.8	299	333	87	93	SW 2	SW 5	10	10	3.40	Overcast, with (mist) all day.
4	29.97	29.91	46.3	45.6	43.5	52.7	278	245	90	80	NNW 3	WSW 4	10	3	0.80	○ 11a.-noon. Sky greenish N.-NE. p.
5	29.70	30.05	47.0	40.9	40.2	51.6	272	206	85	81	W 5	WNW 2	4	9	0.40	△ 1p. and 3p. Squally (gale) p.
6	30.23	30	44.7	48.5	39.4	57.4	270	313	91	93	SSE 1	N 1	10	7	0.10	△ (mist) till 11.30a. Dull day. D p.
7	30.32	31	50.0	48.5	44.5	52.5	310	313	89	93	SE 1	SSW 1	9	10	—	△ n. (mist) a. and p.
8	31	28	48.5	47.1	45.4	49.4	277	317	82	98	ESE 4	E 3	8	10	0.10	△ (mist) p.
9	29	26	45.9	46.7	44.5	47.7	267	276	84	87	ENE 3	E 3	10	10	—	△ (mist) a. Dull day.
10	28	24	44.2	48.1	43.3	48.1	272	313	94	93	NE 2	E 4	10	10	0.50	△ (mist) a. Dull and gloomy. (mist) p.
11	23	23	47.4	46.4	46.2	48.9	312	286	96	91	E 4	E 3	10	10	—	Dull day, with (mist). (mist) p.
12	19	30.12	46.2	47.8	45.9	47.8	286	295	93	89	E 3	E 2	10	10	—	Dull day, with (mist). Very gloomy 4p.-5.30p.
13	30.03	29.92	47.0	47.1	46.2	50.0	305	287	95	89	ENE 1	WSW 1	10	10	—	△ (mist) a. and p. D from 10.45p.
14	29.79	29.83	46.8	41.1	41.1	51.0	277	231	87	89	WSW 2	NNW 3	10	0	—	△ in past n. (mist) a.
15	30.10	30.25	37.1	41.2	36.2	43.0	184	206	84	80	NE 3	E 6	2	5	0.40	Squally a. and p.
16	26	30.24	43.9	43.2	40.6	46.0	225	192	78	69	ESE 6	E 6	9	2	—	Squally (gale) a. and p.
17	30.17	29.97	39.2	40.1	38.3	43.2	184	206	77	83	E 6	E 6	2	10	0.10	Squally (gale). Very rough sea. (mist) p.
18	29.86	28	39.9	40.4	37.6	42.9	224	212	92	85	NE 5	NE 5	10	10	0.30	Dull, with (mist) all day. Very (mist) all day. [gloomy 3p.-5p.]
19	28	28	41.2	43.9	37.8	47.1	227	227	89	75	ENE 5	E 5	10	10	—	Dull, with (mist) all day. Very (mist) all day. [gloomy 3p.-5p.]
20	28	25	44.7	48.4	44.1	48.5	242	328	82	96	ENE 4	E 3	10	10	—	Dull and very gloomy, with (mist). [Scotch till 1.30p.]
21	29	45	44.9	48.0	44.5	49.6	286	335	96	100	E 3	E 4	10	10	0.40	Scotch till 10a. (mist) p.
22	45	45	45.2	41.9	41.6	48.6	302	246	100	93	E 4	NNE 3	10	10	—	Dull day, with (mist) and (mist) p.
23	49	47	41.9	46.0	41.1	46.0	259	311	98	100	ESE 2	ESE 2	10	10	0.60	(mist) a. D (mist) p.
24	33	38	49.0	46.4	45.5	52.9	324	305	94	97	SSW 2	SW 2	8	8	—	Scotch till 9a. Squally (gale) p.
25	29	33	49.0	47.9	44.2	50.2	333	331	96	100	E 3	NE 1	10	10	1.210	Squally till 3a., and from 8p.
26	28	18	51.7	52.0	47.5	54.1	381	358	99	92	SSE 5	SW 6	10	9	0.280	△ n. Squally a. D p.
27	25	28	48.7	51.5	46.8	53.4	265	360	77	95	WSW 5	SW 7	7	10	0.970	Dull, with (mist) all day. Squally from 18a.
28	27	22	55.0	47.1	46.3	55.4	418	297	97	92	SW 8	WSW 3	10	0	0.250	Squally till 1p. D p.
29	26	27	55.5	55.2	44.3	56.2	425	427	97	98	WSW 7	WSW 7	10	10	0.160	
30	29.78	30.08	55.0	43.9	43.5	55.9	427	269	99	94	WSW 7	WSW 1	10	3	0.10	
Means	29.878	29.900	46.7	46.4	43.0	50.4	291	288	90.0	90.4	3.8	3.4	8.6	7.9	4.340	

ST. AUBIN'S, JERSEY.

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

NOVEMBER 1885.

1	29°94	30°18	46°5	44°2	43°7	49°7	*238	*242	76	83	N 3	N 1	8	0	—	Squally a. Cloudy day.
2	30°23	*25	50°1	49°8	42°6	53°0	*333	*312	92	87	Calm 0	Calm 0	10	10	*039	△ a. Gloomy day.
3	30°20	*12	51°2	49°4	48°4	52°1	*320	*317	85	90	S 1	SW 3	10	10	*390	Gloomy day.
4	29°98	*02	51°2	46°8	44°0	52°0	*373	*231	99	73	SW 2	NW 1	10	2	*340	● a. Fine from 2p.
5	29°86	*06	49°0	46°5	45°7	54°7	*317	*215	92	68	SW 3	NW 3	9	10	*046	● showers a. Squally p.
6	30°27	*35	50°2	49°7	45°0	51°7	*289	*340	80	96	Calm 0	SE 1	10	10	*068	Day gloomy.
7	*37	*34	47°2	44°2	43°6	52°2	*315	*238	98	82	SE 1	SE 1	9	0	—	Very cloudy a. Extremely fine from 3p.
8	*32	*28	42°4	48°2	40°0	48°2	*241	*276	89	83	E 3	E 2	9	10	—	△ a. Fair but cold.
9	*28	*26	46°2	46°7	44°2	48°8	*285	*277	92	87	NE 1	NE 2	10	10	—	Overcast, and gloomy all day.
10	*27	*26	47°1	47°3	45°8	48°0	*297	*246	92	76	EbyN 1	E 3	10	10	—	Overcast, and gloomy all day.
11	*23	*23	46°0	45°2	43°8	48°1	*244	*258	79	86	E 3	E 3	9	0	—	[evening.]
12	*22	30°14	42°2	43°0	40°5	45°9	*261	*277	96	100	E 2	Calm 0	10	10	—	Sunless, gloomy and damp. ☁ in
13	30°06	29°96	44°1	46°2	40°3	49°7	*287	*313	99	100	ENE 1	Calm 0	9	10	*008	☁ a. and p. Very fine p. U at
14	29°85	29°80	46°0	50°0	43°5	53°5	*309	*322	99	90	Calm 0	Calm 0	10	9	*005	☁ a. Overcast a. Fine p. [times.]
15	30°05	30°23	46°0	43°7	42°2	50°0	*216	*207	70	73	NE 2	E 4	1	0	—	Extremely fine day. Squally at
16	*26	30°21	41°0	37°0	36°2	43°8	*177	*134	69	61	E 4	E 7	0	0	—	Squally all day. Cloudless. [night.]
17	30°11	29°92	34°0	38°0	31°0	39°8	*138	*173	71	75	ENE 5	E 4	2	10	—	Squally all day. Coldest November
18	29°82	*76	40°0	43°8	37°0	43°8	*215	*246	87	86	NE 2	ENE 2	10	10	*087	● showers all day. [day since 1879.]
19	*78	*84	45°7	45°2	42°7	49°0	*275	*273	90	91	NE 3	NE 2	9	3	—	Day gloomy. U p.
20	*84	*78	45°0	49°0	42°2	52°8	*264	*327	89	94	Calm 0	Calm 0	9	6	—	☁ at times. Very cloudy. U D p.
21	*62	*48	49°0	50°8	46°0	50°8	*322	*330	93	88	SE 2	E 3	10	10	*033	Overcast and mild.
22	*42	*38	48°2	47°8	46°9	51°9	*325	*317	97	95	NE 2	NE 1	10	10	*010	Gloomy day.
23	*47	*51	48°1	46°9	46°8	48°8	*308	*295	92	93	NE 2	E 1	10	10	*017	Very gloomy all day. Mild. [cloudy.]
24	*43	*45	48°8	50°5	46°0	53°0	*331	*354	95	96	S 2	SW 2	10	10	*037	● showers a. and at night. Day very
25	*35	*40	50°0	52°5	49°0	53°2	*348	*381	97	96	SE 2	W 3	10	10	*653	● showers all day. Very mild. Bar. [29.29, 3p.]
26	*44	*39	52°7	52°0	49°9	54°1	*395	*361	99	93	S 2	SW 5	10	8	*522	Very mild and gloomy. Squally p.
27	*72	*82	51°1	51°8	47°0	53°0	*303	*338	80	87	SW 4	SW 4	10	10	*070	Squally a. and p. ● at night.
28	*57	*83	53°0	51°0	51°0	55°1	*389	*371	97	99	SW 7	SW 1	10	1	*275	Squally ● a.
29	*81	29°94	55°0	55°2	48°4	56°6	*424	*422	98	97	SW 5	SW 5	10	10	*155	Very gloomy and mild.
30	29°98	30°11	55°0	50°0	50°0	56°0	*403	*339	93	94	SW 5	W 1	10	3	*052	Very gloomy and mild.
Means	29°924	29°942	47°4	47°4	44°1	50°6	*278	*291	89.5	87.3	2.3	2.2	8.8	7.1	3.707	

Earth temperature: Mean of 10 readings (taken every third day) at 1 foot 48° 9; 3 feet 47° 8; 6 feet 54° 1.

LONDONDERRY.

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

NOVEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	45°	50°	38°	51°	in.	in.	%	%					ins.	
2	29°97	29°95	45°7	50°2	38°5	51°0	289	356	94	98	W 2	SW 2	10	10	0°20	
3	°95	°76	50°7	53°4	47°5	54°7	324	391	87	96	SW 2	SW 2	10	10	°070	Fair till 1p., then ☉.
4	°63	°76	56°0	45°5	44°6	57°2	416	289	92	95	SW 3	WNW 1	10	10	°330	☉ nearly all day.
5	°76	°62	41°2	38°2	35°0	48°0	211	204	82	89	SW 2	SW 2	3	0	°480	Fine a. Squally, with ☉, in afternoon.
6	°61	29°94	38°0	42°0	36°0	47°0	206	232	90	89	W 2	NW 1	3	10	°150	☉ showers during the day.
7	29°97	30°04	44°7	52°7	39°5	54°0	206	356	100	89	SW 2	SW 5	10	10	°010	
8	30°10	°10	51°7	52°0	50°5	58°0	344	340	89	87	SW 2	SW 3	10	1	—	
9	°14	°19	49°7	47°9	45°3	55°5	299	273	84	83	S 3	SW 3	6	2	—	
10	°25	°31	49°2	45°7	44°0	51°0	260	268	81	88	S 2	SSE 3	7	10	—	
11	°33	°31	44°7	44°7	43°1	40°6	255	261	86	88	S 1	Calm 0	10	10	—	Overcast, with ☼ (mist).
12	°29	°28	44°7	45°2	42°5	48°0	273	273	91	91	SE 1	S 1	10	10	—	Overcast all day.
13	30°10	30°01	44°7	44°9	42°8	48°3	272	252	92	85	S 2	SW 2	10	10	°050	Overcast all day.
14	29°85	30°79	44°2	42°7	39°8	50°0	276	235	95	85	W 2	SW 2	10	4	°110	
15	29°81	30°02	40°7	34°7	33°9	46°3	237	186	93	92	N 1	N 1	8	0	—	
16	30°23	°31	31°7	30°7	27°5	45°0	125	167	69	98	E 2	Calm 0	0	0	—	Fine all day.
17	°34	°33	31°2	37°7	26°5	46°0	144	174	82	76	E 1	Calm 0	0	0	—	Fine all day.
18	°31	°21	31°2	32°7	30°0	47°6	144	179	82	91	SE 1	Calm 0	0	0	—	Fine all day. ☼ (mist).
19	°09	°05	28°7	35°7	26°1	43°7	135	191	86	91	E 1	N 1	0	0	—	Fine all day. ☼ (mist).
20	30°07	30°04	39°7	41°7	32°8	45°3	208	223	85	85	E 2	E 2	6	10	°170	
21	29°89	29°75	42°2	43°5	40°1	45°8	235	244	88	86	SE 2	S 1	10	10	°060	
22	°63	°61	45°4	36°7	35°0	49°0	262	202	87	93	SE 2	Calm 0	10	2	—	
23	°59	°54	32°7	34°0	31°3	43°0	180	194	96	99	SE 1	SE 1	10	10	—	Overcast, with ☼ (mist).
24	°51	°45	40°7	42°7	34°0	44°0	211	235	83	85	E 1	NE 1	10	10	°050	Overcast, with ☼ (mist).
25	°46	°49	41°7	42°0	40°3	45°8	236	233	90	88	SE 1	SE 1	10	10	—	☼ (mist) ga. Day overcast and gloomy.
26	°42	20°42	43°2	42°8	39°9	46°5	240	234	86	85	NE 2	NE 3	10	10	—	Dull and overcast.
27	°13	28°73	45°7	50°7	42°3	51°6	289	224	94	87	SE 4	SE 3	10	9	°290	☉ nearly all day.
28	°03	29°19	43°7	41°7	40°1	52°6	235	247	82	93	SW 4	SE 1	7	10	°210	
29	°13	°56	42°7	37°6	36°2	47°5	246	199	89	89	W 2	SW 1	10	0	°180	
30	°35	°44	41°2	45°7	35°0	52°0	231	245	90	80	S 2	S 2	10	0	—	
31	29°65	29°86	40°7	42°2	39°2	48°7	231	241	91	89	W 2	W 1	0	0	—	
Means	29°823	29°834	42°2	42°5	38°0	49°1	244	244	87°9	89°0	1°9	1°5	7°3	5°9	2°180	

MARKREE CASTLE, SLIGO.

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

NOVEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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°0	50°8	37°2	51°4	ins.	ins.	93	92	SW 0.5	SW 1	10	10	ins.	Overcast all day.
2	29°94	29°76	50°7	53°2	47°4	53°6	331	344	89	99	SSW 2	SW 3	10	10	0.60	Overcast all day.
3	62	73	55°3	44°2	43°4	56°1	411	268	94	92	SW 5	WNW 1	10	10	480	Overcast all day.
4	76	64	43°3	37°0	34°1	44°2	237	193	84	88	WSW 2	WSW 1	8	4	220	
5	29°67	29°96	39°7	41°0	32°9	46°1	192	225	78	88	NW 2	SSE 0.5	8	10	290	
6	30°01	30°03	50°1	52°0	39°9	53°6	352	361	97	93	SW 1	S 3	10	10	0.30	Overcast all day.
7	07	05	51°3	49°7	48°8	53°2	332	316	88	89	SSE 1	SE 4	7	10	0.10	
8	09	12	49°3	47°3	46°4	53°1	301	259	86	80	SSE 4	SSE 6	10	10	—	Overcast all day.
9	20	23	46°9	46°1	43°1	50°7	261	296	82	95	SSE 3	SSE 2	9	10	—	
10	25	24	45°2	43°2	42°4	46°5	258	260	86	92	SE 2	SE 2	10	10	—	Overcast all day.
11	24	30°22	44°4	45°7	42°4	46°3	260	278	89	91	SE 0.5	SE 1	10	10	—	Overcast all day.
12	30°15	29°99	45°1	45°2	44°0	47°1	263	273	88	91	SSE 0.5	S 1	10	10	—	Overcast all day.
13	29°86	29°80	45°4	39°0	38°2	46°1	296	224	98	94	WSW 0.5	SE 0.5	10	9	0.50	
14	29°81	30°01	41°3	31°3	30°6	45°1	252	166	97	94	Calm	Calm	0	9	—	
15	30°18	23	27°3	33°2	20°1	40°6	130	157	88	82	Calm	SSE 3	1	1	—	
16	25	26	35°3	36°2	30°8	43°0	168	178	81	84	SE 3	SE 3	4	1	—	
17	25	30°12	34°7	34°0	29°2	43°2	156	178	77	90	SE 1	ESE 1	1	0	—	
18	30°01	29°97	33°8	36°1	28°2	42°8	164	196	84	92	Calm	E 0.5	2	3	—	
19	29°98	02	40°9	43°1	30°9	45°3	204	246	80	88	E 1	SE 4	7	10	0.70	∞ a.
20	80	66	43°2	44°1	41°7	45°1	264	251	94	86	SE 2	SE 2	10	10	0.20	Overcast all day.
21	52	50	47°2	39°8	38°9	50°7	300	215	93	88	SE 3	ESE 0.5	10	5	—	∞ ga.
22	53	48	39°5	43°4	29°5	43°4	239	279	98	99	Calm	SE 1	10	10	0.10	∞ ga.
23	40	31	43°5	46°2	41°5	46°4	267	290	94	93	SE 3	ESE 2	10	10	0.80	Overcast all day.
24	36	38	43°3	41°9	40°8	46°4	259	250	92	95	E 3	ESE 1	10	10	—	Overcast all day.
25	29°29	29°28	44°3	45°6	41°0	45°7	261	268	90	87	ESE 5	SE 6	10	10	0.70	Overcast all day.
26	28°91	28°60	48°2	50°1	44°2	50°9	315	336	94	93	ESE 8	SSE 4	10	10	480	Overcast all day.
27	29°13	29°04	42°7	44°5	38°5	50°1	207	288	76	98	WNW 4	SE 2	8	10	250	
28	16	58	43°7	32°4	31°7	46°0	273	180	96	98	NNW 1	SSE 0.5	10	3	160	
29	20	48	44°1	46°0	30°5	52°3	276	292	95	94	SE 6	SSW 1	10	9	0.10	
30	29°70	29°01	40°9	39°1	37°6	48°3	235	227	92	95	SW 1	SSW 0.5	6	5	0.10	
Means	29°777	29°783	43°7	42°7	37°6	47°8	260	256	89.1	91.3	2°2	1°9	8.3	7.8	2.310	

DUBLIN.

Height above Mean Sea Level, 54 feet. Long. 6° 15' W. Lat. 53° 20' N.

NOVEMBER 1885.

Day.	30°04	30°06	44°2	47°4	35°9	50°7	264	313	92	96	W 3	W 2	10	3	0.17	∞ p.
1	30°04	30°06	44°2	47°4	35°9	50°7	264	313	92	96	W 3	W 2	10	3	0.17	∞ p.
2	30°07	29°87	51°2	54°9	46°9	55°5	337	387	90	91	W 3	SW 6	5	7	0.80	Very mild day. from 2p. Squally
3	29°78	72	57°8	52°3	52°3	62°1	420	368	87	94	SW 3	WNW 4	7	10	0.53	Day very warm and bright. [Bar. 29°67 7p.]
4	88	29°71	42°6	41°5	40°1	53°1	217	236	80	90	WSW 3	WSW 5	0	3	207	Very bright a. [sleet] showers p.
5	29°66	30°01	41°0	42°0	38°1	45°3	223	222	87	84	WNW 3	W 3	5	8	0.85	Bright and bracing a. 1.30p.
6	30°07	16	50°1	51°6	41°2	53°8	332	332	92	87	WSW 4	SW 2	7	4	—	Fine and mild.
7	19	19	51°8	50°1	47°1	55°7	310	311	80	86	SbyW 2	SSW 2	8	7	—	Very fine and mild.
8	23	25	51°1	48°1	46°3	53°9	318	282	81	84	S by E 2	SSE 3	8	10	—	Bright p. Colder.
9	31	31	47°8	46°4	45°9	48°6	283	298	86	95	SSE 2	SE 1	10	10	0.19	Very gloomy p., with 0.
10	31	29	46°5	46°0	45°0	46°8	273	264	87	86	SE 2	SE by E 2	10	10	—	Overcast and gloomy all day.
11	27	26	45°9	47°0	44°8	49°3	287	283	94	89	ESE 1	SE 1	10	10	0.10	∞ a. Overcast and gloomy all day.
12	30°21	30°07	45°2	38°9	38°6	47°5	280	219	93	93	ESE 1	Calm	0	10	—	Overcast, gloomy, and very damp. ∞ p.
13	29°94	29°84	47°8	44°1	38°0	50°7	285	271	86	93	WSW 3	NW 2	6	10	0.13	Cloudy and mild a.
14	29°79	29°95	41°7	35°6	35°2	45°5	232	174	89	84	NW 2	NW 3	3	0	—	and bright.
15	30°17	30°28	32°9	40°3	31°0	42°3	157	186	84	74	E 1	ESE 4	4	3	—	∞ n. ∞ a. Day very cold, dry, Squally a. Day dry and bracing.
16	32	30	42°2	40°5	39°2	44°4	201	178	76	70	SSE 4	SE 4	3	0	—	Cloudless a. Cold and dry. ∞ p.
17	30°28	30°10	39°1	41°7	37°2	44°3	181	212	77	82	SE 3	E by S 3	0	0	—	— a. Fine day, but with ∞.
18	29°98	29°95	42°0	43°2	39°1	44°4	220	228	84	82	E 3	E 4	2	7	—	Upper clouds from South.
19	30°00	08	44°2	45°7	41°8	46°4	228	250	78	82	E 4	ESE 3	7	9	0.11	Very fine p. [Fine p. ∞ p.]
20	29°86	72	46°2	47°0	44°2	47°5	245	273	79	85	SSE 4	SE 3	10	8	—	Dull and damp, with ∞ (mist) a.
21	58	52	48°7	43°2	42°8	51°0	295	259	86	92	ESE 2	E 2	10	8	0.20	∞ a. Very dull all day.
22	52	51	46°0	46°1	42°3	47°8	286	285	91	91	E 2	NE 2	10	10	0.14	∞ a. Very dull and damp.
23	47	40	46°0	46°6	45°1	48°3	290	304	94	97	SE 1	SE 3	10	10	1.09	all day.
24	36	37	44°8	44°2	43°3	47°3	277	276	94	96	ESE 3	E 3	10	10	0.260	Dull day. Squally p.
25	31	29°33	45°8	46°2	43°8	47°7	268	286	88	93	ESE 4	E by S 6	8	10	0.76	Squally p. 2 a. Upper clouds from [SSW. Bar. 28°03 11p.]
26	06	28°82	48°5	51°2	45°8	52°6	323	337	95	90	SE 7	S 2	10	8	0.13	Squally p. (gale) a.
27	22	29°14	43°9	47°3	42°1	52°0	206	319	72	98	WbyS 4	S 3	2	10	0.40	Squally a. Bar. 28°03 6.30a.
28	09	64	47°7	40°4	39°9	55°4	290	223	89	90	WNW 4	SW 1	10	0	0.71	Squally a. and p. Mild and fine a. [from 3p.]
29	56	52	48°2	49°3	38°4	58°2	317	316	95	90	S 2	WSW 4	8	10	—	
30	29°74	29°97	44°1	43°3	43°0	49°8	271	248	93	88	WSW 2	W 3	1	0	—	∞ a. Day very fine and bracing.
Means	29°835	29°841	45°8	45°4	41°8	49°9	271	271	86.8	88.4	2°8	2°9	6.8	6.5	2.398	

PARSONSTOWN (BIRR CASTLE).

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

NOVEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	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°07	30°10	46°4	49°2	34°0	51°5	284	317	91	91	WSW 0.5	Calm 0	10	10		032
2	30°07	29°88	50°3	54°6	48°0	54°8	326	389	90	91	SSW 1	WSW 3	10	10		123
3	29°77	78	57°5	47°9	47°2	60°7	405	340	85	94	SW 1	WNW 1	10	10		186
4	90	29°76	41°5	38°1	35°6	48°3	211	207	81	90	SW 1	Calm 0	7	3		218
5	29°74	30°02	40°4	42°8	35°0	46°0	211	227	84	83	WNW 1	SW 1-2	1	10		078
6	30°10	15	50°4	51°2	41°0	53°4	338	320	92	85	SW 1	SE 2-3	9	10		—
7	16	14	49°5	49°9	47°4	55°1	311	313	89	88	SSE 1	S 2	6	10		—
8	17	19	50°3	48°0	44°9	53°0	306	255	84	77	SE 1	SSE 2-3	9	10		—
9	25	27	46°8	47°7	44°0	51°8	249	303	78	92	SSE 1	SSE 1	5	10		—
10	28	26	45°3	44°9	43°9	48°3	252	242	84	82	SE 1	ESE 3	10	10		—
11	19	24	46°9	47°4	43°2	48°5	272	272	86	84	SE 1	SE 0.5	10	10		—
12	30°18	30°06	46°4	45°4	44°2	48°9	260	253	83	84	Calm 0	Calm 0	10	10		090
13	29°95	29°85	43°8	42°9	40°1	50°5	259	256	91	93	Calm 0	Calm 0	10	10		—
14	29°83	30°01	39°9	33°0	31°9	45°0	218	165	89	88	Calm 0	NNW 1	8	0		—
15	30°19	24	26°1	35°9	21°8	41°7	14	104	100	77	Calm 0	SSE 3	0	0		—
16	26	27	40°2	36°8	34°0	45°9	184	162	74	74	ESE 1	Calm 0	7	0		000 (mist) op.
17	30°24	30°08	38°2	35°1	33°9	45°5	155	163	67	79	ESE 1	ENE 3	0	0		000 (mist) op.
18	29°97	29°93	36°4	38°3	29°0	43°9	189	102	88	83	NE 1	ENE 2	0	10		000 (mist) a. and p.
19	96	93	37°8	43°5	33°0	43°9	194	227	86	80	NNW 0.5	SE 1	10	10		168
20	81	67	45°0	45°5	42°2	47°1	247	252	83	83	SE 1	SSE 2-3	10	10		000 (mist) op.
21	50	49	48°9	44°4	43°7	49°9	304	252	88	86	SE 2	Calm 0	10	10		018
22	53	48	44°6	45°2	38°0	47°0	269	275	92	92	Calm 0	Calm 0	10	10		021
23	43	32	46°0	47°5	43°4	48°0	287	253	93	87	SE 1	SSE 1-2	10	10		—
24	32	36	44°8	43°1	42°2	48°0	264	252	89	90	ENE 0.5	ENE 1-2	8	10		—
25	29°25	29°27	46°3	46°4	41°9	47°3	268	207	86	85	ESE 2	NE 2	10	10		256
26	28°01	28°70	50°3	50°3	45°0	54°0	326	319	90	88	SE 3	SSE 2°5	10	10		344
27	29°29	29°05	41°7	51°5	40°0	51°5	324	355	86	94	SW 2	SW 3-4	10	10		288
28	19	64	45°0	35°3	34°9	54°4	260	107	87	95	WNW 1	Calm 0	8	8		038
29	30	29°56	52°8	48°4	34°4	57°6	374	310	93	91	SW 2	W 1	10	10		—
30	29°77	30°01	41°5	39°7	38°0	49°4	249	141	95	58	SW 0.5	NNW 1	8	4		050
Means	29°819	29°824	44°7	44°3	39°2	49°7	261	255	86°8	85°5	1°0	1°4	7°9	8°2	1°930	

DUNROBIN CASTLE.

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

DECEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	42.4	47.5	40.9	47.5	ins.	ins.	100	95	NW	W	—	—	ins.	Clear and cold.
2	29.77	29.82	42.4	47.5	40.9	47.5	256	309	95	95	SW	NW	—	—	250	Fair and clear.
3	29.57	29.57	35.5	38.4	34.7	43.3	207	216	99	93	NW	SE	—	—	—	
4	28.66	28.66	42	43.6	39.4	46.7	238	203	84	84	E	NE	—	—	—	
5	29.56	29.56	35.5	32.8	31.3	39.7	176	172	84	92	NW	NE	—	—	560	* showers.
6	29.67	29.67	27.3	25.1	23.5	32.8	118	109	80	80	N	N	—	—	100	* showers.
7	29.94	29.94	27.1	29.5	21.7	31.6	122	158	83	97	NW	W	—	—	080	* showers.
8	30.24	30.24	27	27.8	30.1	25.0	143	147	94	87	NE	NW	—	—	070	* showers.
9	29.26	29.26	30.5	29.1	29.0	33.3	166	152	98	94	NW	NW	—	—	060	* showers. Milder p.
10	29.47	29.47	26.8	31.5	23.5	37.0	136	174	94	98	NW	NW	—	—	050	Cold, frosty, and dull.
11	30.24	30.24	38.6	41.2	23.5	41.2	226	248	97	96	NW	NW	—	—	—	Dull and cold.
12	29.67	29.67	45.4	46.9	36.8	50.7	301	317	99	99	NW	NW	—	—	—	Fine day.
13	29.57	29.57	43.3	48.0	46.5	55.7	399	322	98	97	NW	NW	—	—	—	Dull day.
14	29.96	29.96	49.3	48.5	43.9	51.0	336	329	96	97	N	NW	—	—	—	Dull a. Clear p.
15	30.11	30.11	40.0	44.9	43.7	56.0	335	293	97	99	NW	E	—	—	—	Cloudy and mild.
16	29.72	29.72	49.3	44.5	57.6	—	429	288	100	82	NW	NW	—	—	—	Cloudy and dull.
17	30.27	30.27	46.2	43.9	43.7	51.5	257	256	83	89	NW	W	—	—	—	Fine, clear, and mild.
18	30.35	30.35	39.9	41.9	39.6	47.3	240	253	98	95	NE	NE	—	—	—	Clear and cold.
19	30.13	30.13	39.2	35.1	34.3	45.0	220	193	92	94	NE	E	—	—	—	Clear and cold.
20	29.88	29.88	38.2	38.2	34.3	43.7	199	204	87	89	NE	N	—	—	—	Dull and cold.
21	30.15	30.15	38.6	41.2	34.3	41.3	226	225	97	88	NE	N	—	—	—	Dull day.
22	30.39	30.39	35.5	33.8	33.7	41.3	182	160	87	82	N	NW	—	—	—	
23	30.43	30.43	34.3	45.2	31.0	45.2	182	258	92	86	N	SW	—	—	—	☉ and ☌ (sleet) showers.
24	30.32	30.32	49.7	47.5	44.5	52.0	306	309	86	95	NW	N	—	—	250	Dull day.
25	30.11	30.11	46.6	45.6	44.5	49.3	287	248	91	81	NW	N	—	—	—	Cold day.
26	30.37	30.37	40.6	44.4	38.1	45.6	227	272	90	93	N	NW	—	—	—	Clear and mild.
27	30.00	30.00	45.6	48.6	40.7	50.5	285	327	94	96	NW	NW	—	—	—	Dull and mild.
28	29.66	29.66	44.4	31.8	30.7	49.3	283	150	97	83	W	W	—	—	420	Cold and windy.
29	29.42	29.42	27.1	27.5	24.0	33.6	129	144	88	96	NW	N	—	—	250	* showers.
30	29.84	29.84	31.8	41.6	27.5	41.7	173	235	97	90	NE	NW	—	—	400	Dull and cloudy.
31	29.68	29.68	47.5	50.3	41.6	50.3	209	339	92	93	NW	W	—	—	080	Dull and mild.
Means	29.911	29.948	39.9	39.9	35.0	44.9	238	233	92.5	91.5	—	—	—	—	2.840	

BRAEMAR.

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

DECEMBER 1885.

1	29.81	29.93	38.4	41.3	37.3	41.3	179	200	78	78	SW	2	SW	2	4	2	—	Fine day.
2	72	59	41.3	36.4	35.1	42.5	199	154	77	72	SW	4	SW	6	8	2	040	Stormy, with ☉ showers.
3	29.67	28	35.7	36.0	32.2	38.6	160	186	76	87	SW	2	SW	2	5	10	800	Dull, with ☉ showers.
4	28.74	34	38.6	34.7	32.9	44.9	183	176	78	87	SW	10	NW	2	7	5	600	Stormy, with ✱ (sleet).
5	29.59	55	33.7	29.9	28.4	43.8	139	161	72	97	NW	2	SW	0.5	7	8	—	Dull. ✱.
6	73	29.94	24.2	20.7	20.7	39.5	114	112	87	100	NE	2	N	0.5	8	3	—	Clear and frosty.
7	29.98	30.06	13.7	26.5	12.6	33.7	081	128	100	90	NE	0.5	SW	0.5	1	2	—	Dull, with ✱ showers.
8	30.18	32	25.2	24.5	24.4	31.9	129	126	95	95	NW	0.5	NW	0.5	8	8	—	Dull, with ✱ showers.
9	24	33	27.5	24.7	24.5	30.7	144	133	96	100	NW	0.5	NW	4	0	10	—	✱ +
10	49	48	14.7	25.7	14.7	29.0	085	139	100	100	NW	0.5	W	0.5	1	0	—	Clear and frosty.
11	30.31	30.10	32.7	39.1	14.4	39.1	186	101	100	80	SW	2	SW	2	7	6	270	Dull and soft.
12	29.79	29.73	40.3	43.6	37.3	43.6	197	238	79	84	SW	8	SW	6	9	7	030	Soft and cloudy.
13	29.69	29.87	44.8	45.7	42.8	46.5	226	258	76	85	SW	8	SW	6	8	7	—	Soft and cloudy.
14	30.08	30.11	43.1	45.8	41.7	47.5	224	252	80	82	SW	4	SW	6	8	6	—	Dull and mild.
15	30.15	15	42.6	42.6	41.7	45.8	229	229	84	84	SW	0.5	SW	4	7	6	—	Dull and mild.
16	29.84	05	47.9	47.2	41.6	52.7	279	262	85	82	SW	4	SW	4	8	7	—	
17	30.31	42	44.6	46.5	43.1	50.3	233	255	79	82	SW	1	W	1	1	5	—	Fine, clear, and mild.
18	45	35	31.7	30.7	30.6	47.8	170	164	95	95	W	1	SW	0.5	0	0	—	Clear and mild.
19	30.22	08	33.8	34.3	30.2	42.0	178	180	91	90	SW	0.5	SW	0.5	0	0	—	Clear and frosty.
20	29.93	06	35.9	37.1	33.1	38.6	202	211	96	95	SW	1	SW	1	5	8	—	☼ (mist) ga. Day clear and frosty.
21	30.14	19	37.4	35.9	35.1	37.4	211	202	94	96	SW	1	SW	1	10	10	030	☼ (mist) ga. Dull all day, with ☉.
22	41	57	34.9	32.7	32.4	36.4	160	145	79	77	NE	1	NE	0.5	3	6	410	
23	50	34	33.4	40.6	27.6	40.6	157	194	82	77	SW	0.5	SW	6	7	7	020	✱ showers.
24	34	36	46.1	43.9	39.3	48.3	254	251	82	87	SW	2	SW	1	7	3	—	Red sky a.
25	13	26	42.3	40.6	40.4	45.5	232	194	87	77	SW	4	SW	2	6	3	—	Red sky a. ✱.
26	38	30.33	38.6	39.6	38.5	42.5	183	200	78	82	W	2	SW	2	6	0	—	Red sky a. ✱.
27	30.14	29.84	37.8	42.6	37.2	43.7	203	210	90	78	SW	6	SW	8	7	8	020	Red sky a. Dull.
28	29.20	17	39.8	27.7	27.6	43.5	189	136	77	90	SW	10	SW	4	9	10	430	✱ showers.
29	52	82	21.4	23.9	21.4	35.6	098	047	86	37	W	2	NW	2	10	10	100	✱ +
30	88	57	30.7	39.3	23.6	40.5	149	209	87	86	SW	2	SW	2	8	10	170	✱
31	29.60	29.69	44.3	46.4	32.2	47.0	231	267	79	85	SW	2	SW	2	4	7	—	Fine day.
Means	29.972	29.995	35.4	36.3	31.4	41.6	181	187	85.3	85.1	2.8	2.6	5.8	5.7	2.920			

LAUDALE.

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

DECEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	43.7	49.4	42.4	49.5	ins.	ins.	100	97	W	3	W	3	9	7	ins.	☉ showers all day. ☌ from 6p.
2	29.92	29.92	43.7	49.4	42.4	49.5	245	242	85	97	W	3	W	3	10	4	660	☉ showers all day. ☌ from 8p.
3	29.78	29.78	47.3	41.8	40.4	49.4	261	178	81	68	SW	4	W	7	10	4	1900	☉ all day. ☌ Snow on hills.
4	29.70	29.70	42.5	49.0	35.3	49.2	226	322	84	93	W	3	SW	4	10	7	100	☉ ga. ☉ showers during day.
5	28.98	28.98	41.0	40.2	39.5	50.4	235	222	92	99	NW	9	NW	3	10	7	100	☌ ga. ☉ showers during day.
6	29.65	29.65	37.4	30.0	28.7	42.3	154	145	69	86	Calm	0	Calm	0	3	2	—	☌ ga. ☉ Fine all day.
7	29.72	29.72	29.0	25.0	23.4	32.4	130	107	82	79	E	2	Calm	0	2	0	—	☌ ga. ☉ Fine all day.
8	30.00	30.00	22.3	25.0	19.9	29.9	081	087	68	65	Calm	0	Calm	0	1	2	100	* from 1.30p.
9	29.27	29.27	31.1	33.6	21.6	34.0	150	142	86	74	N	3	NW	3	3	8	150	* showers all day.
10	29.25	29.25	39.8	33.7	33.6	41.3	209	174	86	89	W	3	W	2	8	10	140	Thaw from 7a. Day dull and gloomy.
11	29.54	29.54	24.5	31.4	23.2	36.5	115	144	87	81	Calm	0	NW	1	0	10	020	
12	30.36	30.36	37.3	45.6	31.1	46.2	216	207	97	97	Calm	0	W	4	10	6	070	☌ (mist), with ☌ (sleet) a.
13	29.90	29.90	47.2	49.2	44.8	49.6	280	308	87	89	SW	5	W	8	10	10	780	☌ (mist) a. ☌ all day and [night].
14	29.77	29.77	49.3	51.3	48.2	51.8	318	342	91	90	W	8	WSW	7	10	10	250	☌ (mist) a. ☌ all day.
15	30.08	30.08	49.0	50.0	48.2	51.9	294	304	85	85	SW	4	SW	2	9	10	100	
16	30	30	47.0	47.0	46.2	50.5	273	273	83	83	W	5	S	6	10	6	870	Dark all day. ☌ Upper clouds during day.
17	29.94	29.94	53.4	47.9	45.9	55.1	368	310	90	94	S	5	NW	4	10	10	080	☌ during day. ☌ from NW.
18	30.38	30.38	48.2	48.5	46.6	50.7	322	324	96	96	Calm	0	N	1	10	10	010	☌ (mist) all day. Dull and gloomy.
19	30.15	30.15	46.7	48.2	44.5	49.7	297	300	94	90	SSE	4	S	1	4	2	—	Fine all day.
20	29.89	29.89	43.6	43.6	42.3	49.3	252	238	89	84	SSE	4	SE	4	10	10	020	☌ all day. Dull and gloomy.
21	30.10	30.10	40.0	43.4	42.5	46.7	261	270	90	96	SW	5	Calm	0	9	10	040	☌ a. ☌ (mist) ☌ p.
22	29.46	29.46	41.7	43.9	43.4	47.8	297	266	94	86	Calm	0	Calm	0	10	10	210	☌ showers all day.
23	29.54	29.54	47.0	47.0	45.7	50.7	296	180	90	88	NW	2	Calm	0	4	3	010	Cold and bracing day. ☌ ☌ p.
24	29.37	29.37	41.7	43.9	43.4	47.8	297	266	92	93	W	2	SW	3	10	9	070	☌ (sleet) a. ☌ all day. ☌ (mist).
25	29.25	29.25	48.0	46.0	44.9	48.6	309	287	93	93	W	2	SW	3	10	9	070	☌ (mist) ☌ all day.
26	29.14	29.14	41.7	43.9	43.4	47.8	297	266	92	93	W	5	N	3	10	9	020	☌ (mist) ☌ all day.
27	30.24	30.24	41.7	43.9	43.4	47.8	297	266	92	93	N	1	W	3	6	9	060	☌ (mist) ☌ showers. [Snow on hills.
28	29.74	29.74	46.4	46.1	42.6	47.7	283	266	90	86	WSW	4	SW	7	10	9	350	☌ (mist) all day. ☌ showers.
29	29.57	29.57	38.0	32.2	28.3	34.5	163	177	90	97	N	5	NW	3	10	8	290	☌ ga. ☌ showers all day.
30	29.92	29.92	34.4	48.1	29.9	48.4	197	308	99	92	SE	2	WNW	4	10	10	1230	* ga. Thawing all day.
31	29.76	29.76	29.81	49.0	54.2	44.3	322	290	93	69	NW	3	SW	7	10	10	1900	☌ showers all day.
Means	30.021	30.035	41.5	42.1	37.3	45.9	240	243	88.3	87.1	3.2		3.3		7.9	7.9	10.280	

ROTHESAY.

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

DECEMBER 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	43.6	45.6	40.8	47.4	in.	in.	0.0	0.0	W	W	—	—	ins.	☉ showers.
2	29.97	30.09	43.6	45.6	40.8	47.4	23.2	20.1	70	82	S	W	—	—	226	Dull and blowy, with ☉.
3	29.88	29.75	46.6	39.9	37.5	48.7	22.2	20.1	70	82	S	W	—	—	226	Stormy in past n. Blowy, with ☉.
4	29.80	29.24	41.6	30.0	36.9	50.9	20.0	29.8	76	83	SW	SW	—	—	480	Stormy in past n. ☉ showers.
5	29.71	29.49	43.1	39.9	37.3	50.4	21.4	19.2	77	78	WNW	NW	—	—	120	Clear and fine.
6	29.66	29.52	36.0	31.8	30.9	42.5	17.5	13.0	82	72	NW	NW	—	—	—	Overcast. ☉ in NW.
7	29.69	29.90	30.0	27.0	27.0	33.6	09.3	12.1	56	83	NE	NW	—	—	—	Clear and frosty. ☉ in N.
8	30.01	30.08	22.2	26.5	21.0	38.5	09.6	12.8	81	90	Calm	Calm	—	—	—	Changeable, with ☉ showers.
9	29.26	29.40	27.5	29.8	25.9	34.3	13.5	15.2	90	91	NW	Calm	—	—	110	Fine, clear and frosty.
10	29.30	29.35	37.3	29.0	29.0	41.6	20.5	10.6	92	67	NW	NW	—	—	035	Cloudy and damp.
11	29.52	29.54	25.0	28.0	25.0	37.8	09.0	15.3	66	100	NW	Calm	—	—	—	Dull and blowy.
12	30.41	30.25	38.4	40.6	28.0	41.2	20.6	21.2	89	84	W	W	—	—	—	Cloudy and damp.
13	29.99	29.92	44.6	40.3	40.3	46.9	23.1	27.0	78	87	WSW	WSW	—	—	—	Dull and blowy.
14	29.89	30.03	48.0	49.0	45.3	50.2	25.3	30.8	76	89	WSW	SW	—	—	020	Cloudy and mild.
15	30.15	30.23	47.5	48.2	46.6	50.2	28.5	27.0	88	81	SSW	SW	—	—	—	Remarkably mild. Large U.
16	29.26	29.18	46.1	44.9	44.3	49.9	26.8	26.3	86	80	SSW	SW	—	—	456	Dull and damp.
17	29.05	29.25	47.8	48.0	44.8	54.2	32.2	31.4	97	94	SSW	W	—	—	023	Dull and damp.
18	29.41	29.48	48.2	47.0	46.6	49.9	33.7	32.3	100	100	W	SSW	—	—	015	Dull and chilly.
19	29.44	29.37	44.1	42.1	42.1	48.1	28.2	26.6	97	99	SSE	SE	—	—	—	Dull, with ☉.
20	30.20	30.05	42.1	41.1	40.8	43.4	24.8	22.8	93	89	SSE	SE	—	—	010	Dull and damp.
21	29.96	29.05	41.6	44.1	39.8	45.0	25.4	28.2	97	97	S	SE	—	—	156	Dull, with ☉.
22	30.09	29.15	42.3	41.1	41.1	45.0	26.7	23.8	99	93	NE	E	—	—	106	Fine day.
23	29.40	29.61	37.3	32.5	31.9	43.0	19.0	15.2	86	83	N	Calm	—	—	—	Dull and frosty.
24	29.58	29.48	33.0	42.3	28.0	42.6	16.7	24.6	89	92	Calm	WSW	—	—	—	Dull and frosty.
25	29.44	29.44	46.3	45.1	42.3	47.7	29.5	27.9	95	93	WNW	WSW	—	—	015	☉
26	29.28	29.33	45.1	43.1	42.3	48.9	27.9	24.1	93	86	WNW	NW	—	—	003	Fine and clear.
27	29.44	29.44	36.5	43.1	36.5	46.9	18.1	25.4	84	91	NW	SW	—	—	010	Dull and blowy.
28	30.29	30.01	42.9	44.1	41.8	44.6	25.6	22.7	93	78	WSW	SW	—	—	—	☉ (sleet), and ☉ showers.
29	29.29	29.32	47.2	32.0	32.0	47.4	22.2	15.7	69	87	SW	WNW	—	—	300	(gale) all day. Luminous clouds p.
30	29.62	29.60	30.0	28.5	26.6	38.6	15.4	13.6	92	88	NW	NW	—	—	180	☉ showers. Snow 4 inches deep p.
31	29.97	29.68	35.5	46.6	27.4	47.2	18.5	30.8	89	97	WSW	W	—	—	928	Dull, blowy, and damp.
Means	30.069	30.077	40.2	40.1	36.3	45.3	22.1	22.7	85.7	88.0	—	—	—	—	3.441	

PINMORE.

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

DECEMBER 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	30.01	30.19	43.0	43.8	41.9	48.7	23.6	25.0	85	88	NW	SW	3	9	8	☉ showers. Stormy afternoon.
2	29.99	29.89	44.7	41.6	38.4	47.7	25.1	20.0	85	76	SW	SW	6	10	8	☉ showers.
3	29.93	29.38	38.5	49.8	38.4	50.1	19.1	31.7	82	88	SW	SW	4	10	10	
4	29.25	29.55	39.6	40.9	38.4	50.1	21.5	19.8	89	78	SW	NW	4	10	10	
5	29.69	29.52	33.2	25.7	25.5	44.6	17.3	12.9	91	93	Calm	Calm	0	6	5	
6	29.64	29.89	27.6	25.4	24.0	40.3	12.4	12.1	83	88	Calm	Calm	0	8	0	
7	30.04	30.14	16.0	25.0	15.7	35.2	07.0	13.2	79	97	Calm	Calm	0	0	2	
8	29.27	29.43	14.9	30.9	14.5	33.7	07.0	13.7	81	78	Calm	Calm	0	1	8	
9	29.35	29.39	37.5	28.0	27.5	40.6	19.2	14.1	85	92	NW	Calm	0	10	0	
10	29.54	29.59	20.9	30.4	15.1	34.7	07.8	10.8	71	94	Calm	Calm	0	0	0	
11	29.49	29.35	29.9	37.0	16.8	37.3	15.3	19.5	92	89	Calm	Calm	0	4	10	
12	29.12	29.04	40.6	44.5	36.8	44.8	21.4	25.7	85	88	W	W	6	10	10	
13	29.01	29.12	45.2	46.9	44.3	48.2	24.5	26.9	82	85	SW	SW	4	10	10	
14	29.23	29.30	45.7	46.7	45.3	48.7	29.1	25.5	95	80	Calm	Calm	0	10	10	
15	29.38	29.38	44.9	46.0	44.8	48.2	26.9	25.9	91	84	Calm	S	6	10	10	
16	29.16	29.30	47.5	49.2	46.0	53.3	30.9	31.2	95	90	S	Calm	0	10	9	
17	29.47	29.52	46.7	44.9	44.3	49.2	30.0	28.8	94	97	Calm	Calm	0	10	10	
18	29.48	29.42	42.5	41.0	40.4	45.2	25.5	24.2	94	94	Calm	Calm	0	10	10	
19	29.23	29.08	42.0	39.7	39.7	42.0	24.5	21.8	92	89	S	SE	4	10	10	
20	29.00	29.08	40.4	41.4	39.4	42.3	23.8	25.2	95	97	SE	S	4	10	10	
21	29.10	29.15	40.7	40.1	38.4	41.4	24.6	22.3	96	90	SE	S	4	9	10	
22	29.44	29.65	39.1	39.9	29.9	44.7	23.5	16.6	98	100	Calm	Calm	0	10	6	
23	29.65	29.54	25.9	39.5	22.5	39.7	12.4	21.7	88	90	Calm	Calm	0	10	10	
24	29.49	29.40	44.0	44.3	39.0	45.5	28.1	27.7	98	96	Calm	Calm	0	10	10	
25	29.38	29.38	41.3	42.2	40.4	46.2	26.1	24.3	90	90	N	SW	3	10	6	
26	29.46	29.50	37.2	41.0	31.4	42.3	20.6	23.1	93	90	Calm	Calm	0	10	10	
27	30.39	30.13	41.3	41.8	35.5	46.2	22.6	21.1	88	80	Calm	S	4	10	10	
28	29.46	29.47	44.5	33.4	33.4	46.2	23.9	18.3	81	96	SW	W	6	10	10	
29	29.72	29.00	33.9	30.4	30.0	40.3	18.1	14.5	92	85	N	Calm	0	10	5	
30	30.07	29.76	36.3	46.5	30.4	46.7	19.0	29.3	89	94	Calm	SW	6	10	10	
31	29.88	29.99	47.6	47.5	46.4	49.9	30.8	30.9	94	95	SW	SW	4	10	10	
Means	30.138	30.145	37.9	38.9	34.0	44.3	21.3	21.8	88.8	89.4	—	—	—	—	2.970	

035
30.103 30.110

SCALEBY (NEAR CARLISLE).

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

DECEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	°	°	°	°	in.	in.	%	%	SW	4	SW	3	3	0	ins.	Fine all day.
2	29.99	30.12	41.3	41.5	39.9	46.2	.234	.253	91	97	SW	7	SW	8	10	0	.130	
3	29.81	29.80	45.5	41.0	40.4	49.7	.225	.227	75	89	SW	7	SW	8	10	0	.110	
4	29.88	29.45	37.0	35.1	35.1	51.7	.196	.301	89	81	SW	3	SW	8	5	10	.040	
5	29.21	29.48	42.0	37.5	35.9	51.7	.220	.187	84	84	SW	10	W	4	10	0	.110	
6	29.63	29.47	33.5	29.5	27.9	40.7	.173	.138	91	85	E	1	E	1	1	0	—	
7	29.61	29.83	30.5	28.5	24.9	32.7	.147	.142	87	91	NE	3	NE	5	8	0	—	
8	29.99	30.09	25.5	20.3	18.4	32.7	.113	.101	84	94	N	2	NE	2	0	0	—	
9	30.25	30.37	14.5	23.5	13.4	30.7	.080	.122	95	98	NE	1	N	1	2	0	—	
10	29.30	29.30	30.0	29.5	27.0	37.2	.155	.125	93	77	NE	1	N	2	10	0	—	
11	29.48	29.54	24.5	19.8	19.2	31.8	.100	.099	78	92	N	2	S	2	0	0	—	
12	29.47	29.32	25.0	33.5	15.2	34.5	.120	.173	90	91	S	2	S	3	8	10	.120	
13	29.13	29.02	40.5	44.3	33.0	44.8	.214	.232	85	80	SW	4	SW	8	10	10	—	
14	29.02	29.09	45.0	45.5	42.8	48.0	.245	.262	82	86	SW	7	SW	5	10	10	—	
15	29.21	29.28	44.3	46.5	42.0	49.5	.253	.272	87	87	SW	2	SW	4	10	10	—	
16	29.32	29.30	46.0	42.0	38.8	47.8	.245	.217	80	82	SW	3	SW	5	9	8	.020	
17	29.27	29.24	41.5	49.5	36.0	53.2	.242	.330	93	94	SW	3	SW	8	10	10	.020	
18	29.46	29.50	46.0	44.5	44.5	51.0	.301	.292	97	99	SW	3	SW	2	10	10	.020	
19	29.49	29.39	38.5	34.3	34.0	45.5	.231	.196	99	99	SW	2	SW	2	10	10	—	
20	29.24	29.10	31.5	33.7	30.2	44.8	.172	.186	98	96	E	1	E	3	0	0	—	
21	29.00	29.08	37.0	42.5	33.0	43.0	.103	.252	88	93	S	2	Calm	0	10	10	.200	
22	29.11	29.12	41.5	39.5	39.0	44.0	.260	.249	99	99	SE	1	Calm	0	10	10	.040	
23	29.35	29.55	41.0	38.5	28.0	42.0	.227	.153	89	98	N	1	Calm	0	9	0	—	
24	29.60	29.52	26.5	36.5	22.5	37.0	.137	.198	97	92	Calm	0	NW	1	10	10	—	
25	29.45	29.42	40.5	44.5	36.0	46.0	.233	.272	93	93	SW	1	SW	1	10	10	—	
26	29.31	29.30	43.0	38.5	36.0	45.5	.246	.215	89	93	SW	4	W	1	10	0	—	
27	29.45	29.46	29.5	29.5	27.0	39.0	.160	.160	99	99	W	1	E	1	10	10	—	
28	29.35	29.12	41.0	41.5	29.5	42.0	.208	.186	81	72	SW	3	SW	6	10	10	.020	
29	29.37	29.33	45.5	34.5	26.0	40.0	.262	.182	86	91	SW	8	SW	4	10	10	.200	
30	29.79	29.93	25.5	18.0	16.0	35.8	.107	.094	80	97	Calm	0	E	2	1	0	—	
31	29.06	29.66	28.5	44.5	15.0	45.0	.153	.272	98	93	Calm	0	W	4	10	10	.450	
32	29.79	29.93	46.0	46.5	43.8	47.8	.277	.306	90	98	W	4	SW	4	10	10	.030	
Means	30.110	30.109	36.4	36.8	30.3	43.1	.198	.206	89.3	91.0	2.8		3.2	7.6	5.7	1.400		

CRONKBORNE (DOUGLAS), ISLE OF MAN.

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

DECEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	46°0	42°8	48°2	ins.	ins.	90	90	WNW 4	W 4	2	3	ins.	Very fine day.
2	30°07	30°21	45°6	46°0	42°8	48°2	205	205	87	87	SW 5	W 3	10	3	061	Squally (force 8). ● 5 p.
3	30°02	29°89	48°3	42°4	42°4	49°6	261	237	77	88	SW 5	W 3	10	3	061	Squally (force 8). ● 5 p.
4	30°00	29°41	42°9	50°9	40°1	51°0	239	234	83	93	SW 3-4	SSW 8-9	10	10	165	Squally p.
5	30°00	29°41	41°4	39°6	38°2	51°1	238	211	91	87	WSW 7-8	WNW 7	10	1	090	Squally a. and p. < p.
6	30°00	29°79	36°0	34°5	33°6	38°2	180	194	85	97	NE 4	NE 3	9	8	—	Dull day.
7	29°03	30°09	31°8	27°4	27°4	35°6	165	134	93	90	NE 2	Calm 0	3	0	008	Overcast day. Δ 2.45 p.
8	30°22	30°40	30°8	27°8	25°0	35°5	145	125	84	82	N 2	N 1	1	8	—	Very fine day.
9	30°37	30°35	37°7	32°7	27°8	41°3	204	163	90	88	NNW 4	N 2-3	4	2	013	* showers a. Day very fine.
10	30°48	30°54	32°3	29°4	25°2	36°8	171	163	93	100	NE 2	NW 2	0	7	—	Cloudy.
11	30°49	30°37	31°6	33°4	28°4	37°2	164	183	92	96	NNW 1	Calm 0	10	2	003	Very fine.
12	30°19	30°00	43°0	46°0	32°6	46°0	234	263	84	85	WSW 4	WSW 6-7	10	9	—	Overcast day.
13	30°05	30°14	47°6	48°7	45°2	48°7	272	270	83	81	WSW 4-5	SW 4	9	9	—	Overcast day. Squally p.
14	30°25	30°31	48°4	48°0	47°2	49°6	327	304	96	92	WSW 3	WSW 2	10	10	—	Squally a. Overcast day.
15	30°31	30°28	45°8	47°7	45°2	48°2	289	287	94	87	SSW 4	SSW 4-5	10	10	—	Dull and overcast.
16	30°21	30°31	48°7	51°4	46°6	53°5	336	366	98	96	SW 6-7	W 3	10	10	034	Overcast day. Squally 9 p.
17	30°46	30°50	47°0	47°8	45°3	51°6	323	333	100	100	NNW 1	W 1	10	10	010	Squally a. (mist).
18	30°44	30°37	44°7	42°3	41°2	47°8	296	270	100	100	ESE 1	ESE 4	10	10	038	all day.
19	30°20	30°06	43°0	43°0	41°2	43°5	262	262	94	94	SE 4	S 3	10	10	015	all day.
20	30°00	30°04	42°4	43°0	41°2	44°8	271	277	100	100	SSE 3	E 2	10	10	046	Overcast, with (mist).
21	30°04	30°12	46°4	44°5	42°3	47°0	306	282	97	96	S 3	WSW 1	10	10	002	all day.
22	30°33	30°57	43°4	35°0	35°0	44°5	264	194	94	95	N 5	N 1	9	6	—	Dull, with (mist).
23	30°60	30°54	31°8	38°0	28°9	38°0	168	208	94	91	N 1	Calm 0	9	10	008	a. (mist) a. and p. D
24	30°48	30°46	43°2	43°3	37°4	45°3	271	269	96	96	S 2	NW 2	10	2	—	a. Overcast day. D p.
25	30°37	30°36	44°6	44°5	42°2	48°4	258	277	88	95	WNW 4	NW 4	9	5	002	Overcast day. D p.
26	30°44	30°49	43°8	38°9	35°2	46°7	246	223	86	95	N 2	N 1	8	10	—	Dull day.
27	30°42	30°16	42°4	42°5	38°4	42°9	216	220	80	82	W 4	WSW 6-7	9	10	004	Very fine. D p.
28	29°56	29°54	45°6	36°0	36°0	47°5	294	189	97	89	SW 6-7	W 7-8	9	10	004	a. Dull day. Squally p.
29	29°77	29°98	34°8	32°6	29°9	37°3	163	179	80	96	W 4	WNW 5	3	10	135	Squally a. and p. K p.
30	30°09	29°79	38°6	47°2	31°0	47°2	222	315	95	98	WSW 3	WNW 7	10	10	515	Squally (force 7), with showers.
31	29°92	30°02	47°5	49°3	45°8	49°3	329	344	100	98	WNW 4	W 3	10	10	114	Overcast, with Squally p.
Means	30°137	30°135	41°6	41°0	37°3	45°1	245	244	91°0	92°5	3°4	3°3	8°2	7°4	1°928	● a. Overcast, with (mist).

STONYHURST.

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

DECEMBER 1885.

1	30°11	30°27	43°0	43°2	40°2	46°2	240	275	86	98	W 2	W 1	8	10	—	Overcast and gloomy all day.
2	30°14	29°91	43°3	42°0	38°0	47°9	222	254	79	95	SW 2	WSW 2	10	10	160	
3	29°08	29°02	38°0	49°0	35°4	49°8	210	303	92	87	W 1	SW 4	7	10	130	
4	30°40	30°60	42°2	39°9	37°1	51°3	188	193	72	79	W 5	W 4	10	8	130	
5	30°45	30°45	38°8	35°2	34°1	44°2	199	182	85	88	WNW 2	Calm 0	7	10	040	in past n.
6	30°59	29°81	32°5	30°9	29°3	42°3	137	151	73	86	Calm 0	Calm 0	7	6	—	
7	29°05	30°10	29°0	26°9	25°9	40°1	145	087	91	61	NE 1	Calm 0	0	0	—	in past n. Fine all day.
8	30°20	30°38	24°3	27°2	20°3	34°0	068	126	53	85	Calm 0	NW 2	0	0	—	
9	30°38	30°26	28°0	32°1	24°9	39°2	153	112	100	62	Calm 0	NNE 2	0	3	300	in past n. Fine all day. [evening. * and * (sleet) during the
10	30°46	30°55	29°1	24°8	23°6	36°8	087	077	53	59	N 1	Calm 0	0	0	—	
11	30°52	30°39	25°9	32°5	19°9	37°2	071	170	52	91	Calm 0	Calm 0	10	10	—	Overcast and gloomy all day.
12	30°24	30°17	37°7	42°1	31°7	42°4	201	244	89	91	W 2	W 2	10	10	130	
13	30°09	30°20	44°0	44°0	40°9	45°5	250	243	86	84	W 3	W 2	10	10	—	Overcast and gloomy all day.
14	30°31	30°37	44°1	44°1	42°4	47°7	287	266	99	92	SW 1	W 1	10	10	—	
15	30°41	30°39	38°9	36°9	35°2	46°1	204	193	88	89	W 1	Calm 0	0	0	—	
16	30°33	30°35	37°7	47°6	34°7	48°0	203	326	90	99	SW 1	WSW 3	10	10	060	in past n.
17	30°49	30°54	45°5	45°7	44°2	47°8	293	299	96	97	W 2	Calm 0	10	10	—	
18	30°50	30°45	37°1	38°5	35°3	45°7	218	223	98	96	Calm 0	E 1	10	10	—	a. Overcast and gloomy all day.
19	30°15	30°15	40°0	38°9	35°8	42°1	225	199	91	85	E 1	SE 1	10	10	—	
20	30°08	30°11	37°9	39°1	37°5	45°0	208	231	92	97	Calm 0	NE 1	10	10	145	(mist). [day. early a. Overcast and gloomy all
21	30°12	30°18	44°0	40°3	38°4	45°6	279	241	98	97	Calm 0	Calm 0	10	10	—	
22	30°33	30°58	41°0	36°9	36°2	43°2	246	162	96	75	Calm 0	NE 1	10	10	—	
23	30°63	30°57	27°2	34°0	25°9	36°9	111	156	76	79	Calm 0	Calm 0	10	10	—	
24	30°49	30°46	37°2	41°0	32°2	42°8	208	246	94	96	W 1	SW 1	10	10	—	
25	30°37	30°33	41°2	43°0	36°1	45°2	231	234	90	84	W 1	NW 1	10	10	—	
26	30°43	30°50	38°9	33°9	32°3	44°0	217	176	92	88	Calm 0	Calm 0	10	10	—	
27	30°46	30°22	39°1	40°2	31°3	41°7	221	223	93	90	W 1	W 3	10	10	030	
28	29°74	29°55	42°5	36°9	35°7	47°8	239	151	88	70	S 4	W 5	10	10	262	in past n. * (sleet).
29	29°77	29°66	33°3	27°2	26°0	44°4	184	117	97	80	NW 5	NW 1	7	0	011	
30	30°12	29°80	34°0	43°0	24°7	43°5	162	270	82	98	NW 2	W 4	10	10	980	
31	29°89	30°01	45°0	46°3	42°4	48°2	292	307	97	98	NW 4	NW 3	10	10	085	
Means	30°178	30°169	37°4	38°2	33°1	44°0	200	208	86°1	86°3	1°4	1°5	8°2	8°0	2°663	

WAKEFIELD.

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

DECEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	42°6	48°3	ins.	ins.	92	93	W 2	W 2	10	2	ins.	Fine from 10a.
2	30°09	30°28	44°8	44°6	42°6	48°3	271	274	92	93	W 2	W 2	10	2	—	—
3	16	29°87	43°2	45°8	37°3	48°0	242	265	87	86	S 4	W 5	6	10	040	Cloudy from 11.30a. ● 3p.
4	30°01	62	38°6	52°8	33°0	53°2	216	316	93	79	SW 2	W 8	6	10	040	Rough and wild n. and a.
5	29°41	59	44°8	40°6	36°8	52°8	230	214	77	85	SW 7	SW 5	4	2	240	—
6	30°08	29°45	43°2	36°1	34°4	43°5	206	204	95	96	W 2	SW 2	1	4	—	—
7	30°56	29°84	34°7	32°5	32°0	36°6	181	166	90	91	N 2	N 2	5	10	—	—
8	29°95	30°08	28°7	26°7	26°5	33°4	102	131	96	91	N 2	N 2	0	0	—	Fine all day.
9	30°17	31	25°3	27°9	22°8	33°4	125	143	93	94	NW 2	NW 3	0	2	—	Fine all day.
10	36	20	32°7	33°5	26°2	37°6	164	157	89	82	W 3	N 5	9	3	—	✕ 5p.
11	45	51	28°7	24°9	24°5	34°1	149	147	94	95	NW 3	NW 2	2	3	—	Fine all day.
12	52	37	24°9	34°3	30°7	34°4	134	182	100	92	NW 1	NW 1	4	10	—	Fine and bright till 11.40a., then cloudy.
13	25	09	39°6	43°8	33°0	44°1	211	275	87	96	SW 2	W 2	4	10	020	—
14	09	16	45°8	44°8	43°1	48°0	283	267	92	90	W 1	W 1	10	10	—	Cloudy all day.
15	33	36	45°0	46°8	37°8	49°7	288	306	96	95	SW 2	SW 1	10	10	—	Cloudy most of day.
16	41	38	43°3	37°8	34°2	48°1	267	321	96	98	S 2	S 2	0	2	—	Fine all day.
17	38	29	42°6	51°8	31°2	52°6	262	374	96	97	SW 2	W 2	4	10	—	Cloudy from 3 p.
18	46	40	40°6	47°8	42°1	53°0	339	328	93	98	W 2	W 2	9	10	—	Cloudy most of day.
19	50	30	39°8	43°0	38°0	49°3	243	275	99	99	W 1	SE 2	10	10	—	☼ 9a—2p.
20	33	16	39°8	38°4	38°2	43°5	243	231	99	99	SE 2	SE 2	10	10	—	Overcast all day.
21	07	09	39°2	41°0	34°5	42°4	235	250	98	98	SE 2	S 1	10	10	050	Overcast all day.
22	11	15	43°2	39°3	39°0	44°3	277	238	99	99	S 1	S 1	10	7	010	☼ 9a.—8p.
23	31	55	35°7	36°7	33°6	43°8	209	205	100	95	SW 2	W 2	8	0	—	Fine day.
24	61	54	30°9	35°7	30°2	37°8	168	188	98	91	SW 3	SE 2	10	3	—	☼ 9a.
25	47	43	33°1	41°8	31°8	41°8	180	263	96	99	S 2	W 2	8	3	—	—
26	29	32	43°6	37°8	37°8	45°5	242	206	85	91	W 2	W 2	8	2	—	—
27	41	48	38°3	33°0	32°4	44°6	219	186	95	99	W 1	W 2	9	10	—	Cloudy.
28	30°42	30°21	37°4	42°1	32°0	42°6	209	238	94	89	W 2	W 2	6	10	010	Cloudy.
29	29°75	29°53	44°5	36°7	32°0	49°5	248	198	85	91	SW 8	W 7	2	3	150	Rough and wild in past n. ♀ p.
30	29°77	90	33°6	27°7	27°2	38°4	172	145	89	96	W 8	N 2	1	4	030	✕ 11a. ☼ 2.30p.
31	30°11	73	31°7	43°0	25°8	43°5	172	275	96	99	W 2	W 2	10	10	050	Cloudy. ● 2p.
32	29°80	29°96	46°6	49°0	25°8	49°7	278	312	88	90	W 6	W 3	1	10	080	Cloudy from noon.
Means	30°164	30°142	38°5	39°3	32°8	44°1	221	231	93°1	93°3	2°7	2°7	6°2	6°5	0°720	

BUXTON.

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

DECEMBER 1885.

Day.	Barometer at 32° and M.S.L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.		
1	ins.	ins.	41°6	40°0	39°7	43°3	ins.	ins.	91	88	NW 2	W 1	10	2	ins.	☁ a. Dull day.
2	30°18	29°93	37°7	41°2	36°0	43°2	210	220	93	89	W 1	SW 3	6	9	240	Overcast all day.
3	30°03	29°69	34°1	47°2	34°1	47°6	184	316	94	98	SW 1	SW 1	2	8	170	Dull and windy, with ☁.
4	29°46	29°64	41°0	36°3	34°9	48°2	190	202	74	95	SW 10	SW 4	4	8	280	Dull and overcast, with ☁.
5	29°44	29°44	35°1	33°1	32°5	37°5	192	182	94	97	W 1	Calm	6	5	—	* before 9a. Overcast day.
6	29°59	29°78	31°2	30°7	28°0	33°8	154	163	89	96	Calm	E 1	10	4	—	☁ a. Cold and frosty all day.
7	29°93	30°11	28°2	19°8	19°2	33°3	145	089	95	83	E 1	Calm	4	2	—	Fine, keen, and bright.
8	30°17	30°17	25°5	22°2	16°8	30°6	130	107	95	92	Calm	N 1	2	2	—	Fine, keen, and bright.
9	30°40	30°40	29°7	31°6	20°8	35°2	162	154	98	87	NW 1	NW 1	6	6	290	Cold, with *. Thaw p.
10	30°46	30°46	26°0	26°7	22°3	31°9	134	128	95	89	N 1	N 1	2	2	—	Cold, with *. Thaw from noon.
11	30°54	30°54	24°9	32°0	20°7	34°9	131	176	98	97	Calm	Calm	2	5	—	☁ a. Clear and frosty.
12	30°20	30°20	35°5	38°6	25°9	39°2	184	216	89	93	W 1	SW 8	10	9	040	Dull and overcast.
13	30°13	30°13	41°5	42°7	37°8	43°3	230	214	89	79	SW 3	SW 1	8	6	—	Dull and overcast all day.
14	30°32	30°32	42°5	42°8	40°0	45°9	246	226	90	83	SW 1	Calm	10	8	—	☁ before 9a. Dull and overcast all day.
15	30°44	30°44	37°1	39°8	35°1	43°7	203	231	92	95	S 1	Calm	4	6	—	Overcast day.
16	30°37	30°37	37°5	47°5	34°7	48°3	193	311	86	96	Calm	N 3	9	8	—	Overcast, with ☁. 7p.
17	30°48	30°48	47°1	43°6	36°2	50°1	317	302	98	99	NW 1	NW 1	10	7	040	Overcast, with ☁, all day.
18	30°51	30°51	31°4	39°7	29°8	47°2	169	239	96	98	Calm	Calm	10	10	—	☁ all day.
19	30°33	30°33	30°4	34°2	33°7	40°9	214	195	99	99	SE 2	SE 1	10	10	—	☁ (mist) all day.
20	30°10	30°10	35°9	40°3	32°2	40°8	205	245	97	99	Calm	Calm	10	10	—	Overcast, with ☁ a. Fine afternoon.
21	30°11	30°11	43°8	32°0	31°8	44°4	281	176	99	97	Calm	Calm	10	4	—	☁ a. Dull day.
22	30°31	30°31	39°6	35°0	30°1	42°3	237	174	97	85	Calm	Calm	10	3	—	☁ a. Day fine and bright.
23	30°63	30°63	27°6	32°8	24°0	35°4	128	180	86	97	Calm	Calm	3	6	—	Fine a. ☁ p.
24	30°48	30°48	35°6	39°2	31°7	40°3	203	235	98	98	Calm	Calm	7	6	065	☁ a. Day dull and overcast.
25	30°34	30°34	39°1	39°9	33°0	41°8	225	221	94	91	NNW 2	SW 2	8	4	—	☁ (gale) in past n. Fine all day.
26	30°43	30°43	40°1	36°7	33°6	42°6	206	208	83	96	Calm	Calm	4	7	—	☁ ga. Dull and overcast. [7p.
27	30°45	30°45	38°1	38°4	33°3	42°4	204	202	88	87	Calm	SW 1	8	8	—	Overcast, with * showers.
28	29°77	29°77	41°1	31°1	31°1	44°1	228	143	89	87	SW 3	SW 3	7	3	540	Dull, with *. ☁ later.
29	29°82	29°82	31°4	23°7	23°2	34°2	161	123	92	97	W 1	Calm	6	2	170	Dull, with ☁.
30	30°13	30°13	32°3	40°0	21°3	40°5	171	242	94	98	NW 2	NW 2	9	10	1260	
31	29°87	29°87	43°1	44°7	39°5	45°2	276	294	99	99	Calm	NW 1	10	10	195	
Means	30°189	30°179	35°9	36°3	30°4	41°0	198	205	92°6	92°8	1°1	1°2	7°0	6°1	3°410	

HILLINGTON, NORFOLK.

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

DECEMBER 1885.

1	30°07	30°29	41°0	37°8	35°2	46°3	225	209	88	92	W 4	W 1	0	0	010	Fine and sunny. Very fine sunset.
2	30°25	30°02	34°5	41°5	32°5	42°3	186	229	93	88	SW 1	SW 5	10	10	004	☁ a. ☁ (mist). p.
3	30°05	29°82	34°9	49°6	34°6	49°7	199	306	98	87	SW 0°5	SW 8	10	10	117	☁ early a. ☁ (mist).
4	29°51	29°62	47°0	38°0	36°2	50°0	279	195	87	85	SW 5	W 6	10	1	003	☁ 2 ga. ☁ ga. and before. * 0 p.
5	29°71	29°47	35°7	36°0	33°3	41°3	187	188	90	89	W 1	W 1	7	10	—	☁ a. Sunny 10a.—1p. then cloudy.
6	29°74	29°50	35°0	35°1	33°2	40°6	176	190	86	93	NW 0°5	NE 0°5	3	10	016	☁ before 9a. * 10.30a. and 6.30p.
7	29°88	30°03	34°9	29°7	28°6	38°4	154	137	75	84	NE 0°5	NE 0°5	10	10	—	Fine sunset.
8	30°07	30°23	28°4	29°3	27°1	35°0	138	123	89	77	N 0°5	NW 5	0	0	028	☁ a. * 1p., 1.30p., and 8p.
9	30°33	30°11	29°7	33°1	27°1	35°1	098	180	61	96	NW 3	W 2	0	10	283	Very fine ga.—0.15p. * 2 showers p.
10	30°34	30°51	33°0	28°5	27°5	35°2	142	133	75	86	NE 3	NW 2	3	0	—	* 2 a. (2 ins. deep). Sunny 9.30a.—[4.30p. Very red sunset.
11	30°43	30°45	27°0	17°0	15°5	31°0	109	071	75	77	NW 2	W 1	8	0	—	Overcast all day. Red sunset.
12	30°30	30°20	33°8	35°2	17°0	36°5	172	185	88	90	SSW 1	SW 2	10	4	—	Overcast all day. Red sunset.
13	30°18	30°23	38°6	40°1	34°0	41°2	200	161	86	97	SW 3	SW 1	10	10	003	Overcast day. Rapid thaw.
14	30°34	30°41	40°0	42°5	36°2	45°1	220	257	90	94	W 1	SW 1	9	10	—	Overcast all day.
15	30°45	30°46	40°1	35°0	34°1	48°1	239	182	97	89	SW 0°5	SW 0°5	8	0	—	Red sunset.
16	30°45	30°38	36°9	42°9	33°1	43°8	201	265	92	96	SW 4	SW 2	8	10	—	☁ a. ☁ sp. ☁ gp.
17	30°46	30°50	48°3	40°0	37°9	50°4	323	245	96	99	NW 1	SW 0°5	10	10	012	☁ p.
18	30°51	30°48	41°8	44°7	39°9	45°4	263	272	99	92	SSE 1	SE 1	10	10	008	Cloudy and mild, with ☁ (mist).
19	30°35	30°21	39°4	38°9	37°9	45°1	226	211	95	90	SE 1	SE 5	10	10	—	Overcast all day. Cold and damp.
20	30°15	30°15	40°2	42°7	37°1	42°9	240	267	96	97	SW 0°5	S 1	10	10	005	Gloomy all day.
21	30°14	30°14	44°6	44°0	42°3	45°8	258	284	88	98	S 0°5	S 0°5	10	10	007	Gloomy all day. ☁ p.
22	30°26	30°44	41°7	41°4	39°2	44°5	262	243	99	94	NE 1	N 3	10	10	007	Overcast all day, with ☁ (mist).
23	30°55	30°55	35°5	32°2	32°0	42°2	189	161	92	89	N 1	N 0°5	10	6	002	Overcast all day. ☁ sunny. ☁ p.
24	30°51	30°47	30°4	28°9	28°1	37°3	161	145	96	91	W 0°5	SE 0°5	9	0	006	☁ a. and p. ☁ (mist) till 11a., then ☁.
25	30°35	30°29	35°2	38°8	27°9	41°3	201	216	98	92	SW 0°5	NW 0°5	10	10	005	☁ and ☁ (mist) a.
26	30°38	30°49	37°1	38°7	36°5	42°4	215	217	97	92	NW 0°5	NW 0°5	10	10	006	Overcast all day.
27	30°49	30°29	32°9	37°9	29°0	40°3	158	202	85	89	SW 3	SW 5	0	10	—	Very fine till 2.30p., then cloudy.
28	29°94	29°65	41°0	37°0	35°7	47°4	226	177	89	81	SW 7	SW 6	9	0	272	☁ 2 sp. ☁ 2.45p. ☁ a. and p. [5.15p.
29	29°79	29°84	32°9	27°7	27°1	37°0	162	123	87	83	SW 6	NW 4	9	0	023	* early a. Violent * storm 4.45p.
30	30°10	30°10	28°1	34°9	25°9	34°9	115	195	76	96	NW 0°5	SW 5	0	10	424	Very fine 8.30a.—11a. * sp.—6.45p.
31	29°82	29°97	40°8	47°0	34°1	48°4	236	303	93	94	NW 2	W 2	5	10	077	Very mild.
Means	30°181	30°170	36°8	37°0	32°1	42°1	199	202	88°9	90°2	1°8	2°4	7°4	6°8	1°378	

UPPINGHAM.

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

DECEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	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°12	30°31	30°6	38°9	36°9	45°7	ins.	ins.	93	90	WhyN 1	NW 3	2	0	ins. ☁ a. [9a. Overcast p.
2	30°12	30°31	30°12	30°31	30°6	38°9	36°9	45°7	225	212	93	90	swb.w 1	SW 5	0	7	010 ☁ a. ☁ 2 a. ☁ 7.20a.—8.30a. ☁ 0
3	30°06	29°79	30°06	29°79	30°6	38°9	36°9	45°7	219	308	98	89	swbyw 1	SSW 8	7	10	080 ☁ 7.15a. ☁ 2p.—5p. Squally
4	29°52	29°67	29°52	29°67	29°6	38°9	36°9	45°7	249	210	84	93	SW 5	SW 5	9	4	020 ☁ 7.30a. ☁ 0
5	29°74	29°45	29°74	29°45	29°6	38°9	36°9	45°7	185	202	88	97	WhyN 1	Calm	0	7	021 Overcast from noon. ☁ 0 p.
6	29°52	29°74	29°52	29°74	29°6	38°9	36°9	45°7	157	179	91	95	N 2	NbyE 2	7	10	010 ☁ a. ☁ noon. ☁ 0 p.
7	29°88	30°04	29°88	30°04	29°6	38°9	36°9	45°7	149	135	80	90	NbyN 1	NbyE 2	10	0	— Gloomy a. Bright p.
8	30°11	30°29	30°11	30°29	30°6	38°9	36°9	45°7	106	120	79	93	NbyE 3	NbyW 3	0	0	— ☁ a. Cloudless day.
9	30°39	30°14	30°39	30°14	30°6	38°9	36°9	45°7	079	166	53	61	NNW 2	NbyW 2	0	10	014 ☁ 0 ga. and p. Ugly sunset.
10	30°40	30°52	30°40	30°52	30°6	38°9	36°9	45°7	124	092	92	68	NbyW 2	NNW 2	0	0	— Bright all day.
11	30°52	30°45	30°52	30°45	30°6	38°9	36°9	45°7	123	82	75	NNW 2	swb.w 1	0	0	— Bright till noon.	
12	30°33	30°22	30°33	30°22	30°6	38°9	36°9	45°7	123	88	93	swb.w 1	SW 3	10	10	— Overcast and gloomy all day.	
13	30°19	30°25	30°19	30°25	30°6	38°9	36°9	45°7	220	252	90	98	swb.w 3	WbyN 2	10	10	— Overcast all day.
14	30°37	30°43	30°37	30°43	30°6	38°9	36°9	45°7	243	267	91	97	W 1	W 1	10	10	— Overcast all day.
15	30°46	30°48	30°46	30°48	30°6	38°9	36°9	45°7	207	297	94	94	SbyW 1	SbyW 3	7	9	— ☁ a. Bright and clear p. ☁ 11.30p.
16	30°44	30°38	30°44	30°38	30°6	38°9	36°9	45°7	205	268	90	94	SW 2	WbyS 3	9	9	— ☁ a. ☁ (mist) op.
17	30°48	30°42	30°48	30°42	30°6	38°9	36°9	45°7	331	331	285	95	WbyN 1	Calm	10	10	018 ☁ (mist) a. Day gloomy. ☁ 10p.
18	30°52	30°41	30°52	30°41	30°6	38°9	36°9	45°7	255	241	99	93	SSW 1	SbyE 2	10	10	— ☁ all a. Day overcast.
19	30°33	30°20	30°33	30°20	30°6	38°9	36°9	45°7	221	195	98	96	SE 1	S 1	10	10	— Overcast, with ☁ all day. ☁ 0 p.
20	30°13	30°13	30°13	30°13	30°6	38°9	36°9	45°7	203	203	95	96	SSE 2	SbyE 1	10	10	020 Dull and overcast all day. ☁ 0 p.
21	30°13	30°15	30°13	30°15	30°6	38°9	36°9	45°7	247	229	83	90	SbyW 1	NNW 1	10	9	— Day overcast. ☁ 0 early p.
22	30°20	30°49	30°20	30°49	30°6	38°9	36°9	45°7	213	237	90	93	NbyW 1	NNW 3	8	10	— ☁ (mist) a. [5p.—8p.
23	30°20	30°04	30°20	30°04	30°6	38°9	36°9	45°7	135	149	79	80	NNW 3	NNW 1	5	3	— ☁ a.
24	30°54	30°47	30°54	30°47	30°6	38°9	36°9	45°7	173	202	96	100	NNW 3	W 1	10	10	010 ☁ a. ☁ all day. ☁ 2 from 4p.
25	30°36	30°31	30°36	30°31	30°6	38°9	36°9	45°7	211	252	98	98	WbyN 3	NW 2	10	3	— Very gloomy till 1p.
26	30°40	30°53	30°40	30°53	30°6	38°9	36°9	45°7	206	213	86	88	NbyE 1	Calm	0	10	— Gloomy all day.
27	30°51	30°31	30°51	30°31	30°6	38°9	36°9	45°7	213	100	90	90	WSW 1	WSW 2	10	10	— ☁ a. Overcast and chilly p.
28	30°02	29°07	30°02	29°07	30°6	38°9	36°9	45°7	216	160	87	78	SSW 5	W 5	9	0	187 Ugly sunrise. ☁ (gale) ☁ 3p.
29	29°53	29°01	29°53	29°01	29°6	38°9	36°9	45°7	125	123	68	90	WbyN 4	NW 3	7	0	053 ☁ 0 a. ☁ 0 a. ☁ 4.30p. ☁ 0
30	30°14	29°08	30°14	29°08	30°6	38°9	36°9	45°7	120	205	89	96	WNW 2	WSW 2	0	10	414 ☁ 0 a. ☁ 2.30p. ☁ 0 sp. then ☁ 2
31	29°55	29°09	29°55	29°09	30°6	38°9	36°9	45°7	332	93	98	98	Nwb.w 3	Nwb.w 2	9	10	019 Dull day. ☁ followed by ☁ 2
Means	30°203	30°184	30°14	30°184	30°14	30°14	30°14	30°14	195	208	89°0	91°2	2°0	2°3	7°0	7°2	0°886

GELDESTON (BECCLES).

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

DECEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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° 27	30° 27	30° 27	30° 27	ins.	ins.	93	94	W 1	WSW 1	0	0	ins.	Fine all day. ☁ 9p.
2	30° 26	30° 08	30° 27	30° 27	30° 27	30° 27	30° 27	30° 27	93	94	WSW 1	SW 3	3	9	0.010	☁ 9p. ☁ 9p.
3	30° 05	29° 86	43° 8	40° 1	41° 7	40° 1	260	319	95	91	W 1	SW 4	10	10	0.030	☁ 9p.
4	29° 55	29° 64	48° 0	40° 0	39° 1	40° 1	309	207	93	84	SW 4	WSW 5	10	0	—	☁ 9p.
5	29° 70	29° 48	37° 1	37° 1	34° 9	42° 3	197	217	89	98	W 3	ENE 1	2	10	—	☁ 9p.
6	29° 47	29° 73	35° 9	37° 7	33° 8	44° 0	194	193	92	85	NNW 1	E 1	0	10	0.040	☁ 9p.
7	29° 86	30° 05	36° 4	32° 2	31° 9	40° 0	156	153	73	84	NE 1	NNE 1	8	1	—	☁ 9p.
8	30° 05	30° 18	31° 9	31° 2	28° 8	39° 8	174	173	96	99	Calm	N 3	7	6	0.080	☁ 9p.
9	30° 05	30° 05	26° 2	32° 9	25° 1	34° 1	133	186	94	99	WNW 1	WNW 1	0	10	0.160	☁ 9p.
10	28° 28	28° 40	27° 9	32° 9	26° 0	37° 0	124	173	82	92	NW 1	WNW 1	3	2	0.050	☁ 9p.
11	28° 44	28° 43	23° 9	22° 2	19° 9	34° 4	094	116	74	97	W 1	W 1	9	0	—	☁ 9p.
12	28° 32	28° 21	32° 2	36° 0	20° 0	36° 1	158	193	86	91	W 1	WSW 1	10	1	—	☁ 9p.
13	28° 20	28° 23	38° 1	40° 8	33° 7	40° 8	207	237	90	94	SW 1	WSW 1	10	10	0.010	☁ 9p.
14	28° 34	28° 41	41° 1	44° 1	35° 8	46° 8	254	276	98	95	W 1	W 1	9	10	—	☁ 9p.
15	28° 45	28° 48	41° 9	38° 0	37° 0	49° 6	248	224	94	98	WNW 1	W 1	9	0	0.010	☁ 9p.
16	28° 47	28° 37	38° 1	42° 1	34° 9	43° 9	200	204	91	98	SSW 1	WSW 1	7	10	—	☁ 9p.
17	28° 44	28° 48	47° 8	46° 0	41° 7	49° 7	312	311	94	100	WNW 1	WNW 1	10	0	—	☁ 9p.
18	28° 51	28° 48	43° 8	44° 0	42° 7	46° 0	281	270	99	94	Calm	ESE 1	10	10	—	☁ 9p.
19	28° 36	28° 21	39° 9	40° 1	38° 7	44° 0	236	225	96	91	ESE 2	SSE 2	10	10	—	☁ 9p.
20	28° 17	28° 17	40° 6	43° 3	37° 0	43° 3	238	273	94	98	SSW 1	SW 1	10	10	—	☁ 9p.
21	28° 16	28° 13	43° 0	43° 0	41° 0	45° 0	257	277	93	100	SSE 1	Calm	0	9	0.050	☁ 9p.
22	28° 24	28° 40	43° 9	43° 1	41° 2	43° 9	287	256	100	92	NNW 1	N 2	10	9	0.020	☁ 9p.
23	28° 52	28° 52	35° 2	33° 3	32° 4	43° 1	182	178	88	93	NW 1	NNW 1	9	4	—	☁ 9p.
24	28° 50	28° 47	32° 1	31° 0	29° 1	43° 1	159	151	87	86	Calm	Calm	0	3	—	☁ 9p.
25	28° 36	28° 26	33° 4	40° 2	27° 9	40° 2	183	230	96	92	W 1	WNW 1	10	10	—	☁ 9p.
26	28° 35	28° 46	40° 0	39° 7	37° 8	43° 8	230	237	94	96	NW 1	Calm	0	10	0.040	☁ 9p.
27	28° 50	28° 30	34° 4	35° 1	32° 7	42° 9	191	185	96	90	SSW 1	SW 1	1	0	0.010	☁ 9p.
28	30° 00	29° 64	41° 1	37° 5	33° 9	46° 0	226	199	88	89	WNW 4	WSW 2	2	3	0.140	☁ 9p.
29	29° 78	29° 79	35° 0	29° 1	28° 0	38° 0	148	105	72	66	W 3	W 4	8	0	0.050	☁ 9p.
30	30° 08	29° 88	43° 8	34° 1	23° 0	35° 8	113	193	89	98	WNW 1	WSW 3	0	10	0.260	☁ 9p.
31	29° 80	29° 95	43° 8	46° 2	33° 1	46° 2	266	307	93	98	W 1	WSW 1	10	10	0.020	☁ 9p.
Means	30° 178	30° 162	37° 3	38° 1	33° 3	42° 9	209	219	90° 8	92° 6	1° 3	1° 5	6° 7	6° 0	1° 000	

CHELTENHAM.

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

DECEMBER 1885.

1	30° 20	30° 37	43° 2	31° 4	31° 4	49° 0	*244	*169	87	96	W 1	W 1	1	1	0	—	Very fine day.
2	30° 18	30° 04	39° 8	46° 8	29° 5	49° 2	*227	*241	93	76	S 2	S 3	2	10	0	0°70	Very fine and bright.
3	30° 06	29° 82	36° 7	50° 9	34° 2	51° 7	*212	*309	98	83	S 1	S 6	1	10	0	0°50	☁ showers.
4	29° 61	29° 77	44° 2	41° 0	38° 2	52° 0	*263	*204	91	79	SW 5	S 4	7	10	0	0°40	Dull day, with ☁.
5	29° 80	29° 35	35° 8	35° 8	35° 1	42° 2	*194	*196	93	94	Calm 0	E 4	10	10	0	0°20	Cold and damp. ✕ ⁰ . A miserable [day.
6	29° 52	29° 72	36° 0	35° 6	35° 2	36° 5	*196	*196	93	95	N 3	N 1	9	10	0	0°20	Dull day.
7	29° 85	30° 02	35° 5	31° 5	31° 5	37° 1	*162	*151	77	86	NE 2	NE 2	10	0	0	—	Very fine day.
8	30° 14	30° 35	24° 8	24° 5	24° 5	31° 5	*128	*128	92	97	W 1	Calm 0	0	0	0	—	Day fine and sunny. ✕ ⁰ ♣ late p.
9	29° 45	29° 21	20° 0	35° 2	18° 0	35° 4	*098	*160	86	77	Calm 0	W 1	0	10	0	0°40	∞. Fine day.
10	29° 45	29° 57	21° 0	18° 0	18° 0	37° 0	*105	*098	94	100	W 1	NW 1	0	0	0	—	Dull and damp.
11	29° 56	29° 45	27° 0	31° 6	16° 0	31° 8	*115	*166	79	93	Calm 0	Calm 0	9	10	0	—	Dull, with ☁ ⁰ .
12	29° 34	29° 38	38° 0	41° 2	31° 0	41° 8	*194	*218	85	85	W 1	S 2	9	10	0	—	Dull and damp a.
13	29° 26	29° 27	42° 5	45° 5	40° 5	45° 8	*234	*286	86	95	SW 3	SW 1	10	10	0	0°10	Very fine, bright, and sunny.
14	29° 39	29° 45	43° 4	34° 6	34° 6	43° 6	*272	*200	97	100	Calm 0	SW 1	10	0	0	—	Very fine day.
15	29° 45	29° 46	40° 7	39° 2	31° 5	37° 8	*235	*221	92	92	SW 2	S 1	5	0	0	0°10	Dull, with ☁ all day.
16	29° 46	29° 45	42° 3	48° 2	38° 0	48° 2	*234	*305	87	91	S 4	SW 1	5	6	0	0°10	Very dull.
17	29° 50	29° 54	48° 0	47° 0	46° 2	48° 7	*325	*318	97	99	Calm 0	Calm 0	9	10	0	0°10	Cold and raw. Very dull.
18	29° 40	29° 42	43° 8	43° 4	43° 4	47° 1	*281	*262	99	93	S 2	S 5	10	10	0	—	Gloomy all day.
19	29° 29	29° 14	38° 6	38° 0	38° 0	43° 6	*225	*208	96	91	SE 4	SE 3	10	10	0	—	☁ ⁰ a. Dull day.
20	29° 09	29° 10	41° 6	47° 4	38° 0	47° 4	*243	*307	93	94	S 4	S 5	10	10	0	—	☁ ⁰ a. ☁ all day. ☁ ² at night.
21	29° 14	29° 18	46° 2	33° 0	33° 0	47° 6	*304	*179	98	96	Calm 0	NW 1	10	2	0	—	☁ ⁰ a. ☁ all day.
22	29° 34	29° 52	31° 8	41° 3	29° 2	42° 1	*175	*234	98	91	Calm 0	N 3	6	10	0	—	☁ ⁰ a. Dull, gloomy, and damp all [day.
23	29° 64	29° 58	27° 4	29° 2	24° 2	41° 6	*136	*155	92	97	Calm 0	Calm 0	2	5	0	—	☁ ⁰ a. Pleasant day.
24	29° 51	29° 49	33° 2	35° 3	29° 0	35° 3	*181	*200	96	97	Calm 0	Calm 0	9	10	0	0°10	Fine and sunny a. ☁ p.
25	29° 42	29° 37	40° 1	39° 6	35° 3	42° 2	*244	*229	98	94	W 1	Calm 0	10	10	0	—	☁ ⁰ a. Day fine and bright. ✕ ⁰ ☁ [at night.
26	29° 42	29° 53	39° 8	37° 0	37° 0	43° 0	*231	*213	95	96	Calm 0	W 1	10	6	0	—	Most of day.
27	29° 57	29° 35	28° 6	42° 0	26° 1	42° 0	*151	*223	96	84	Calm 0	W 1	5	10	0	0°10	Fine and pleasant.
28	29° 06	29° 80	44° 6	38° 0	38° 0	49° 0	*239	*166	81	72	SW 6	SW 3	8	0	0	0°240	
29	29° 03	29° 00	35° 7	31° 3	31° 3	39° 4	*164	*151	78	87	NW 3	NW 2	5	0	0	0°40	
30	29° 21	29° 03	28° 2	43° 0	22° 8	43° 0	*142	*262	93	94	Calm 0	SW 4	0	10	0	0°140	
31	29° 04	29° 09	46° 5	50° 0	42° 4	50° 6	*273	*318	88	88	W 3	W 2	10	10	0	0°10	
Means	30° 231	30° 214	36° 9	38° 3	32° 3	43° 6	*207	*215	91° 2	90° 7	1° 6	1° 9	6° 5	6° 7	0° 940		

CARMARTHEN.

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

DECEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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° 0	37° 0	36° 3	51° 4	ins.	ins.	92	100	W 1	Calm	0	1	10	ins.
2	30° 23	30° 36	46° 9	45° 4	34° 6	51° 6	288	203	91	97	SW 3	Calm	0	10	10	☁ 9p.
3	30° 03	29° 77	39° 8	49° 8	36° 1	50° 8	245	320	100	92	E 1	SW 6	4	10	0.260	☁ 9p.
4	29° 46	29° 83	41° 3	40° 0	38° 3	50° 6	215	193	83	78	W 2	SW 3	1	0	0.030	☁ 9p.
5	29° 76	29° 27	35° 0	37° 5	34° 9	41° 7	213	193	93	86	Calm	E 4	10	3	0.490	☁ 9p.
6	29° 51	29° 66	35° 7	36° 8	34° 6	38° 3	209	186	100	86	E 2	E 4	10	10	0.040	☁ 9p.
7	29° 81	30° 02	36° 0	32° 5	31° 6	38° 7	176	150	83	82	E 4	E 2	10	2	—	☁ 9p.
8	30° 17	30° 43	34° 8	28° 2	28° 2	37° 6	152	148	74	96	Calm	Calm	0	6	0	☁ 9p.
9	29° 48	29° 27	26° 2	39° 4	21° 3	40° 5	142	209	100	87	NE 2	NE 4	0	8	—	☁

MARGATE.

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

DECEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	44.0	41.7	44.8	in.	in.	92	89	W 2	SE 1	0	0	ins.	Fine day. Red sunset.
2	30.16	30.34	42.8	44.0	41.7	44.8	25.3	25.6	92	89	SW 2	S 3	0	8	—	Fine day.
3	30.10	30.00	47.0	46.8	40.8	50.8	29.8	29.4	93	92	SSW 3	S 5	10	9	—	Rough during day.
4	29.67	29.76	48.3	40.2	40.1	50.8	32.3	31.9	96	81	SSW 3	SW 3	10	0	0.30	☀ a. Dull day.
5	30.00	30.00	48.3	40.2	40.1	50.8	32.3	31.9	96	81	SSW 3	SW 3	10	0	0.30	☀ before 9a. Dull day, with ☀.
6	30.00	30.00	48.3	40.2	40.1	50.8	32.3	31.9	96	81	SSW 3	SW 3	10	0	0.30	☀ before 9a. Dull day, with ☀.
7	29.84	29.98	40.7	37.5	37.0	43.8	17.9	15.0	70	67	E 3	E 2	10	0	0.50	Dull day.
8	30.02	30.22	38.1	34.3	33.5	39.8	17.6	15.7	76	79	N 3	N 2	8	0	—	Dull day.
9	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	☀ in afternoon.
10	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	☀ noon. ☀ 9p.
11	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	☀ before 9a.
12	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	Fine, but cold.
13	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	Overcast and cold.
14	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	☀ a. and p.
15	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	Dull, with ☀.
16	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	Fine day.
17	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	☀ a. Fine day. ☀ from 4p.
18	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	☀ a. Very dull, with ☀.
19	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	☀ a. Dull day. ☀ 9p.
20	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	Dull and overcast.
21	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	Very fine night.
22	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	Very dull.
23	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	☀ a. ☀ p.
24	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	Very dull.
25	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	Red sunset.
26	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	Fine a. Dull and cold p. ☀
27	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	Very dull. ☀ 9p.
28	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	☀ a. Beautiful day.
29	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	☀ a. and p. ☀ ☀ 9p.
30	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	☀ ☀ a.
31	30.00	30.00	31.8	33.6	30.1	36.8	12.7	17.9	71	92	N 2	N 3	1	10	0.50	Dull day.
Means	30.227	30.210	39.6	39.7	35.8	43.7	21.6	21.7	86.9	87.4	1.9	1.8	7.0	6.6	0.930	

SOUTHAMPTON.

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

DECEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	30.23	30.40	41.9	39.2	38.8	51.0	25.7	23.6	97	98	WSW 1	WNW 1	0	0	0.08	☀ a. Beautiful day. ☀.
2	30.34	30.15	35.0	40.0	32.6	48.5	20.4	26.1	100	85	Calm	SW 3	10	10	0.120	Overcast, with ☀ early a. Beautiful day from 10a.
3	30.11	29.95	48.6	49.9	45.8	51.5	32.5	29.7	95	84	SW 1	SW 5	10	10	0.268	☀ a. ☀ 4a.-8a.
4	29.72	29.85	48.9	40.7	40.2	51.1	32.2	20.4	93	81	WNW 1	W 4	10	0	0.220	☀ 1.30p.-11.30p.
5	30.00	30.00	40.4	42.1	36.0	43.2	21.1	26.6	84	99	W 1.5	ENE 3	10	10	0.600	☀ from noon.
6	30.00	30.00	40.4	42.1	36.0	43.2	21.1	26.6	84	99	W 1.5	ENE 3	10	10	0.600	☀ from noon.
7	29.79	29.94	37.5	35.0	34.1	42.6	20.9	16.4	93	80	NE 1	NE 3	9	10	0.060	Fine and dry. ☀ on grass 9p.
8	30.08	30.30	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	☀ a. and p. Beautiful day, but cold.
9	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	☀ a. and p. Beautiful day, but cold.
10	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	☀ (sleet) 0.30a.-1a. Beautiful day.
11	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	☀ a. Beautiful day.
12	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	☀ a. Overcast all day. [at night.
13	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	Very dull a. ☀ from 1.30p.
14	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	Very dull, with ☀ a. Thickly overcast, with ☀ all day.
15	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	☀ most of day. ☀ p.
16	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	☀ a. Thickly overcast from 11a.
17	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	Very dull and damp, with ☀.
18	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	☀ a. Thickly overcast all day.
19	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	Thickly overcast all day.
20	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	Thickly overcast a. ☀ 3.30p.-6.30p.
21	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	Very dull and damp, with ☀ a.
22	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	Day fine and pleasant. ☀ at night.
23	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	☀ a. and p. Beautiful day throughout.
24	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	☀ a. and p. Beautiful day.
25	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	☀ a. Overcast all day, with ☀.
26	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	☀ a. Dull day.
27	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	☀ a. and p.
28	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	☀ a. ☀ p.
29	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	☀ a. Beautiful morning. ☀ from 4.30p.
30	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	Fine and mild.
31	30.00	30.00	30.8	29.1	28.8	35.6	11.5	10.7	67	68	NE 3	NE 3	1	0	—	
Means	30.257	30.236	38.3	39.1	34.9	44.5	21.8	22.3	90.9	90.6	1.3	2.0	7.4	6.3	1.842	

ST. LEONARDS.

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

DECEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.	
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		
1	ins.	ins.	40.7	40.1	39.7	48.2	in.	in.	92	92	W 2	WNW 1	0	0	ins.	☀ early a. Fine all day. ☀ n.	
2	30.19	30.36	40.7	40.1	39.7	48.2	.248	.227	97	92	WSW 1	SSW 4	4	5	.007	☀ early a.	
3	30.12	30.03	48.8	45.7	45.7	51.0	.315	.275	91	90	SW 3	SSW 5	10	10	.019	Overcast all day. ☀ (gale) before midnight.	
4	29.70	29.82	49.2	40.9	40.9	50.2	.327	.200	94	79	SW 5	W 4	10	0	.025	☀ (gale) in past n.	
5	30.00	30.00	49.2	40.9	40.9	50.2	.327	.200	94	79	SW 5	W 4	10	0	.025	☀ from 4p. ☀ from 7p.	
6	30.00	30.00	49.2	40.9	40.9	50.2	.327	.200	94	79	SW 5	W 4	10	0	.025	☀ from 4p. ☀ from 7p.	
7	29.80	29.94	39.6	36.9	35.7	42.3	.169	.143	70	66	E 5	E 5	7	0	—	☀ all day.	
8	30.01	30.21	33.7	3													
9	38	47	27.5	31.4	26.1	33.5	.117	.163	79	86	NNW 3	NNW 2	2	5	.025	☀ all day.	
10	39	45	28.5	30.3	28.0	34.6	.122	.130	79	89	NNW 3	NNW 5	0	0	—	☀ all day.	
11	50	47	25.2	29.6	24.3	33.4	.122	.148	90	90	W 1	NW 2	0	0	—	☀ in past n. Fine all day.	
12	40	34	34.7	38.2	27.2	39.1	.162	.192	80	84	NW 1	NW 2	10	10	.017	Overcast all day.	
13	32	32	41.1	43.2	38.1	44.3	.210	.266	82	95	WNW 1	WSW 2	10	10	.040	☀	
14	40	46	43.2	45.7	42.3	48.0	.264	.284	94	93	NW 1	Calm 0	9	10	—	☀	
15	49	52	45.7	41.5	41.5	47.2	.296	.280	96	88	Calm 0	SE 1	10	0	.005	☀ till 11a.	
16	54	53	44.4	42.0	40.6	47.5	.240	.252	82	94	S 2	W 3	1	10	.010	☀ early a.	
17	51	52	45.5	46.7	41.8	48.8	.303	.317	99	99	W 1	Calm 0	10	10	.022	☀ till 11a. ☀ constant ☀.	
18	49	43	45.7	40.3	40.3	47.8	.305	.283	99	90	NE 1	E 3	10	10	—	☀ early a. ☀ almost	
19	32	39	38.5	40.5	38.1	40.7	.219	.213	94	85	ESE 3	SE 3	10	10	—	☀ early a. ☀ almost	
20	18	20	44.2	45.2	40.5	46.1	.265	.275	92	92	S 2	SSE 1	10	10	—	☀ early a. ☀ almost	
21	17	16	45.2	45.6	43.1	47.6	.285	.302	95	99	SSE 1	SSE 1	8	10	.091	☀ early a. ☀ almost	
22	25	42	44.8	40.9	40.4	47.2	.292	.238	99	94	N 2	N 3	10	10	—	☀ early a. ☀ almost	
23	54	53	33.7	33.3	33.3	42.8	.170	.166	87	87	N 3	NNW 3	0	0	—	☀ early a. ☀ almost	
24	48	48	32.6	32.9	31.8	37.0	.162	.158	88	85	N 1	N 1	4	6	—	☀ early a. ☀ almost	
25	43	35	32.1	30.0	31.1	41.7	.150	.237	86	96	NNW 1	NNW 1	0	8	.005	☀ early a. ☀ almost	
26	37	39	30.8	30.7	37.1	43.8	.231	.218	92	86	Calm 0	N 2	2	10	10	—	☀ early a. ☀ almost
27	56	30.43	37.4	40.0	36.6	47.0	.208	.234	93	95	W 1	WSW 2	0	0	—	☀ early a. ☀ almost	
28	30.15	30.77	42.2	44.6	40.0	47.1	.200	.258	75	88	SSW 4	SW 6	8	10	.091	☀ early a. ☀ almost	
29	29.66	30.90	34.6	31.9	30.9	44.6	.158	.168	78	71	WNW 4	WNW 4	8	0	.010	☀ early a. ☀ almost	
30	30.17	30.74	30.5	36.8	28.6	36.8	.146	.212	86	98	NW 3	SW 4	0	10	.240	☀ early a. ☀ almost	
31	29.91	30.09	43.5	46.2	36.8	48.4	.258	.290	91	93	NW 2	W 2	10	10	—	☀ early a. ☀ almost	
Means	30.235	30.219	39.2	39.6	36.3	45.9	.217	.221	89.8	88.5	2.1	2.8	6.4	6.3	1.190		

BABBACOMBE.

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

DECEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	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	40.2	40.0	52.3	.255	.236	80	95	W 2	SW 2	1	0	—	[glow. D ² p.
2	30.28	30.41	45.0	40.8	37.7	49.0	.243	.254	82	79	SW 3	SW 3	8	10	—	— a. Fine sunset, pink after-
3	30.09	29.90	49.0	50.0	40.3	50.6	.243	.290	99	81	SW 4	SW 8	10	10	—	— n. D ² a. Fine sunset.
4	29.76	.91	45.8	40.9	40.1	51.0	.241	.195	79	77	W 5	WSW 5	9	1	—	— (mist) a. Squally 7p.—Midt.
5	.87	.10	41.8	47.1	39.1	47.1	.238	.310	91	78	SW 2	E 5	10	10	—	Squally (gale) a.
6	.50	.61	39.1	41.0	37.4	47.1	.231	.248	97	97	E 3	ENE 4	10	10	—	— a. Very gloomy 3p.—5p. 2p.
7	29.73	29.88	40.1	39.9	38.2	42.5	.224	.175	90	71	ENE 6	E 8	10	10	—	[Squally (gale) 10p.—11p.
8	30.07	30.34	33.1	31.9	31.5	40.1	.139	.117	73	65	NNE 4	NE 4	0	0	—	— (mist) a. and p. Very gloomy 3p.
9	.47	.31	32.1	36.1	26.2	41.9	.106	.151	59	71	NNE 2	WNW 4	1	0	—	Very gloomy till 10a. Dull day. Squally
10	.43	.58	32.2	28.6	28.6	38.4	.120	.119	66	78	NNE 4	NW 1	1	0	—	— (mist) a. Squally (gale) a.
11	.59	.52	28.9	33.8	23.3	36.0	.099	.156	63	80	WNW 1	WNW 2	3	10	—	[Fine day. (mist) p.
12	.43	.37	38.0	40.9	33.3	42.0	.182	.196	79	77	WSW 1	WSW 2	10	10	—	— (mist) a. Fine red and golden
13	.33	.35	44.6	47.5	40.3	47.6	.234	.295	79	91	SW 3	WSW 3	10	10	—	[sunset and afterglow. (mist) p.
14	.42	.46	47.5	40.8	39.2	53.8	.308	.235	95	93	WSW 2	SW 1	10	0	—	— (mist) a. and p.
15	.45	.42	42.8	44.8	38.9	51.6	.257	.236	94	79	SE 1	S 3	2	7	—	— (mist) a.
16	.49	.52	44.0	46.1	39.4	46.1	.261	.309	90	99	SW 3	WSW 4	9	10	—	— (mist) a. and p. D ² p.
17	.55	.53	49.0	45.7	45.8	52.4	.335	.339	97	99	W 2	NNE 1	8	10	—	D in past n. (mist) a. and p.
18	.47	.37	45.4	44.6	43.7	48.9	.304	.265	100	90	ESE 3	E 5	10	10	—	— (mist) D ² a. Scotch
19	.23	.11	44.0	42.0	40.5	44.9	.254	.245	88	92	ESE 4	SE 2	10	10	—	Scotch till 11.15a. Dull day.
20	.09	.09	40.0	48.3	41.7	48.9	.287	.334	93	99	S 3	S 3	10	10	—	Dull day, with (mist). [1p.—1.30p.
21	.15	.19	46.4	41.7	40.9	49.0	.303	.236	95	90	NW 1	NW 2	9	9	—	Dull day, with (mist). Scotch
22	.31	.48	41.6	42.1	40.1	45.1	.216	.241	82	90	NNE 3	NNE 3	3	0	—	— (mist) 4p.—7p. D ² p.
23	.61	.59	36.3	36.8	35.2	42.1	.171	.166	80	76	NNE 3	NNE 3	2	8	—	— a. and p. (mist) p.
24	.50	.49	37.9	36.8	33.5	41.2	.184	.182	81	84	NNE 2	NE 2	9	0	—	— till 9a.
25	.48	.41	34.7	41.3	30.0	41.5	.183	.236	90	92	NNW 2	NNW 2	10	10	—	— (mist) a. and p. D ² p.
26	.43	.52	43.1	40.6	40.4	44.0	.224	.204	80	81	NNW 2	NE 1	10	4	—	— (mist) a. Very gloomy 4p.—5p.
27	.57	30.42	33.7	39.2	31.3	45.1	.176	.215	91	90	WNW 1	SW 2	0	10	—	[(mist) 4p.—7p.
28	.07	29.91	46.0	41.4	39.0	49.8	.264	.195	86	76	SW 5	WNW 4	9	3	—	— (mist) a.
29	.07	30.09	35.2	35.0	34.4	44.0	.180	.154	87	75	WNW 3	NW 4	5	1	—	Squally (gale) Noon—5p. [~p.
30	.29	.08	34.3	46.1	31.9	46.1	.178	.272	89	88	WSW 2	WNW 4	6	10	—	— showers a. D ² a. *
31	30.06	30.16	47.1	49.0	45.6	51.6	.294	.317	91	92	NW 4	NW 3	6	7	—	— (mist). * showers a. *
Means	30.259	30.234	40.9	41.6	37.2	46.2	.227	.230	85.6	85.3	2.8	3.2	6.8	6.5	2.070	Squally a. and p. [till 11a.

ST. AUBIN'S, JERSEY.

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

DECEMBER 1885.

1	30.30	30.44	50.0	44.2	43.8	54.8	.309	.261	80	90	NNE 1	Calm 0	2	0	—	— a. and p. Extremely fine day.
2	.38	.27	48.2	44.5	42.0	51.4	.261	.253	78	87	S by E 2	SW 2	2	0	—	— a. Extremely fine day. D ² p.
3	30.24	.10	48.1	45.0	43.4	49.4	.286	.275	86	92	SW 3	S 4	7	10	—	Squally p.
4	29.88	30.03	48.7	47.0	43.5	51.5	.328	.306	96	64	W 1	W 3	10	2	—	Squally before 9a. O ⁰ at times.
5	.97	29.21	46.2	54.8	43.2	54.8	.295	.412	95	95	SW 4	SW 8	10	10	—	Temp. rising and bar. falling fast p.
6	.51	.59	47.0	49.0	45.2	54.8	.318	.340	99	98	NE 1	W 2	10	9	—	Very gloomy. [Squally at night.
7	.66	29.78	46.2	42.0	41.0	49.2	.307	.216	98	82	NE 2	NE 7	10	10	—	Very gloomy day. Squally at night.
8	29.93	30.27	41.5	38.5	37.2	42.4	.158	.168	61	72	NE 6	NE 3	10	2	—	Squally cold all day. O ⁰ 10.25a.
9	30.44	.37	36.6	35.0	33.2	38.8	.137	.160	63	79	NE 2	Calm 0	3	2	—	Extremely fine but cold. Fine sunset.
10	.36	.55	36.4	36.8	34.1	42.0	.130	.151	60	69	NE 3	NE 2	5	0	—	— showers n. Extremely fine day.
11	.59	.55	37.2	38.5	33.0	42.7	.148	.177	67	76	NE 1	Calm 0	4	10	—	— a. Fine day.
12	.49	.44	40.0	43.1	37.5	43.1	.207	.214	84	77	Calm 0	SW 2	10	10	—	Gloomy all day. Milder.
13	.43	.43	42.0	45.0	40.0	45.0	.190	.249	72	84	SW 3	SW 2	10	10	—	Gloomy all day.
14	.47	.49	47.7	44.5	44.0	48.8	.307	.259	93	88	Calm 0	Calm 0	10	10	—	Gloomy and mild.
15	.48	.51	47.0	42.2	40.0	48.0	.253	.231	79	87	E 3	E 2	5	0	—	— a. and p. Extremely fine and
16	.56	.59	39.6	40.0	35.9	43.8	.231	.243	95	98	SE 1	Calm 0	10	10	—	Gloomy, sunless day.
17	.61	.56	42.1	45.2	38.5	45.4	.268	.301	100	100	Calm 0	Calm 0	10	10	—	Damp till 9a.
18	.48	.36	45.0	42.0	41.8	47.0	.280	.233	94	88	E 3	E 4	10	10	—	Gloomy all day.
19	.25	.17	40.0	41.2	38.4	42.4	.220	.242	90	94	SE 3	SE 2	10	10	—	Gloomy all day.
20	.16	.18	46.0	46.8	40.4	46.8	.287	.284	93	89	S 2	SE 3	10	9	—	Gloomy all day. U at times p.
21	.18	.20	47.3	45.5	45.5	48.7	.327	.293	100	96	Calm 0	Calm 0	10	9	—	— a. U at times p. Mild.
22	.28	.43	45.0	47.5	44.1	49.2	.275	.314	92	95	Calm 0	NE 2	8	10	—	— at times p. Gloomy day.
23	.55	.56	44.8	40.2	39.5	47.8	.235	.170	79	68	NE 2	NE 2	8	8	—	Extremely fine day. U p.
24	.46	.46	41.4	37.1	37.1	42.0	.194	.178	75	80	NE 3	NE 1	8	0	—	Extremely fine day.
25	.49	.43	35.0	43.0	31.3	44.7	.184	.251	90	90	Calm 0	Calm 0	8	10	—	— a. Extremely fine day.
26	.43	.52	45.0	43.3	42.2	45.4	.268	.243	90	86	Calm 0	Calm 0	10	7	—	Gloomy all day. (mist) p.
27	.60	30.52	44.4	42.7	42.0	51.2	.240	.196	82	72	Calm 0	SW 3	9	0	—	—
28	.27	29.99	44.5	47.7	40.0	49.0	.238	.318	81	95	SW 5	SW 3	10	10	—	Squally and unsettled. [6.30p.
29	.13	30.08	41.2	40.0	38.2	47.8	.223	.207	87	84	NW 2	NW 2	6	4	—	— showers at times. Distant R ⁰
30	.32	.21	40.8	44.8	34.9	47.7	.176	.285	69	96	NW 2	W 4	5	10	—	— showers early a. Fine day.
31	30.09	30.26	48.2	49.0	43.2	50.0	.270	.343	81	99	NW 2	Calm 0	10	10	—	Gloomy and mild.
Means	30.290	30.274	43.6	43.4	39.8	47.3	.244	.247	84.4	86.2	1.8	2.0	8.2	6.8	1.521	

Earth temperature: Mean of 10 readings (taken every third day), at 1 foot, 45.0; 3 feet, 44.8; 6 feet, 51.5.

LONDON DERRY.

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

DECEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.		
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.			
1	ins.	ins.	42°	42° 9	40° 0	50° 0	in.	in.	°/o	°/o	W	2	W	1	3	0	ins.	Fine all day.
2	29° 78	29° 85	46° 2	37° 7	36° 0	48° 4	.240	.191	77	84	S	5	S	1	10	0	.150	● 11a.—4p.
3	.81	.16	38° 4	48° 7	35° 5	52° 2	.197	.304	85	89	S	2	SSW	6	10	9	.550	● noon—4p. (gale) at night.
4	.37	.64	40° 7	35° 3	34° 0	53° 6	.204	.190	80	96	SW	3	W	2	10	0	.210	● showers during day. ▲ p.
5	.72	.53	34° 2	33° 5	30° 5	40° 4	.192	.180	97	94	SW	2	NE	1	0	0	—	▲ before 9a. ☼ ⁰ (mist).
6	29° 67	29° 87	33° 7	31° 2	29° 0	37° 0	.157	.168	81	96	NE	1	Calm	0	10	0	—	Fine day.
7	30° 04	30° 17	25° 2	28° 8	23° 5	35° 8	.109	.143	80	90	NE	1	SW	1	0	0	.020	Fine all day.
8	.34	.51	30° 4	32° 9	25° 9	37° 1	.157	.146	92	78	NE	1	NW	1	0	10	.050	* ⁰ showers.
9	.44	.45	33° 7	36° 7	27° 8	42° 0	.157	.166	81	76	SW	2	N	1	6	2	.120	—
10	.57	.59	31° 7	31° 2	29° 0	43° 0	.149	.144	83	82	NE	1	SW	1	1	0	—	Fine and clear.
11	.50	30° 31	34° 7	37° 9	30° 0	39° 0	.166	.198	82	87	W	2	SW	3	10	9	—	—
12	30° 05	29° 98	41° 7	44° 7	36° 0	46° 0	.247	.277	93	93	W	3	W	4	10	10	—	—
13	29° 94	30° 09	48° 2	47° 6	43° 7	50° 3	.259	.288	77	88	SW	4	SW	1	8	10	.010	Overcast all day.
14	30° 18	.22	46° 7	47° 7	45° 0	51° 5	.234	.276	74	84	W	3	SW	3	10	10	—	Overcast all day.
15	.22	.14	45° 7	46° 8	43° 7	52° 4	.266	.270	87	85	S	3	S	5	5	10	—	Overcast all day.
16	.04	.31	53° 2	47° 7	46° 8	56° 5	.368	.311	91	94	SW	2	SW	3	10	7	—	Overcast all day.
17	.46	.48	50° 7	47° 7	46° 0	51° 3	.350	.331	94	100	W	2	S	1	10	10	—	Overcast all day.
18	.39	30° 27	46° 2	46° 4	39° 2	53° 0	.283	.294	91	94	W	1	SE	1	8	1	—	—
19	30° 14	29° 95	44° 7	44° 2	43° 1	52° 2	.255	.255	86	88	SW	1	SW	2	10	10	—	☼ ⁰ (mist) p.
20	29° 93	30° 06	44° 7	43° 7	42° 2	49° 0	.277	.265	93	92	S	1	SW	1	10	10	.510	Overcast all day.
21	30° 12	.30	42° 0	42° 0	40° 5	47° 0	.265	.221	99	84	NE	1	N	1	10	8	.180	—
22	.52	.67	39° 2	37° 7	36° 0	45° 5	.195	.198	81	88	N	2	N	1	3	10	.010	Overcast, with ☼ ⁰ (mist).
23	.60	.55	34° 2	40° 7	31° 5	44° 5	.176	.237	88	93	W	2	SW	1	10	10	—	Overcast all day.
24	.52	.50	43° 2	42° 8	40° 3	47° 0	.268	.268	96	98	W	1	S	1	10	10	—	Overcast, with ☼ ⁰ (mist).
25	.41	.44	45° 7	43° 0	40° 2	48° 1	.281	.268	92	97	W	2	WNW	1	3	10	.050	—
26	.53	.53	41° 7	41° 8	40° 0	45° 3	.247	.256	93	97	NE	1	NW	1	10	10	.010	—
27	30° 39	30° 01	41° 7	42° 8	40° 9	45° 8	.240	.234	91	85	SW	3	SW	5	10	1	.060	—
28	30° 38	29° 59	40° 2	32° 8	31° 9	48° 4	.222	.168	89	90	SW	5	SW	4	10	9	.200	Squally, with ▲ * ⁰ all day.
29	29° 78	30° 06	35° 7	34° 5	29° 8	38° 3	.169	.159	80	79	W	2	W	1	6	0	.250	* ⁰ showers all day.
30	30° 05	29° 86	37° 2	46° 7	33° 0	48° 0	.216	.288	97	91	S	2	NNW	5	10	10	.250	* before 9a.
31	29° 06	30° 01	48° 7	50° 0	46° 0	51° 0	.336	.345	98	96	WNW	2	SW	3	10	10	.010	—
Means	30° 127	30° 136	40° 7	40° 9	36° 7	46° 8	.230	.235	87° 6	89° 6	2° 1	2° 0	7° 5	6° 3	2° 640			

MARKREE CASTLE, SLIGO.

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

DECEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	44.3	40.0	35.6	50.1	in.	in.	85	99	WSW 1	SSW 1	2	3	ins.	
2	29.79	29.90	45.7	35.1	34.1	46.4	273	195	90	95	SSW 6	S 0.5	10	6	230	
3	78	07	38.9	48.0	32.2	51.5	210	314	90	94	S 1	S 8	10	10	460	p.
4	46	08	36.8	41.2	34.3	50.3	201	203	93	79	SW 2	NW 4	9	8	210	showers.
5	68	48	33.0	31.7	30.2	41.3	188	156	100	88	Calm	Calm	9	4	—	
6	59	29.77	32.3	31.2	26.3	34.7	166	151	90	85	ESE 0.5	NNE 3	10	8	—	
7	29.98	30.17	28.2	22.4	21.5	35.8	142	120	92	100	E 0.5	Calm	0	2	0.30	W from 7p.
8	30.32	30.50	28.3	30.0	17.6	38.0	149	167	96	100	Calm	Calm	0	8	9	*
9	50	45	27.8	33.0	19.7	42.1	152	186	100	99	Calm	Calm	0	9	1	180
10	54	59	34.5	22.3	21.2	38.5	176	120	87	100	NNE 1	Calm	0	8	4	—
11	52	35	29.8	34.3	18.1	35.1	149	190	90	96	SSE 0.5	Calm	0	10	10	0.10
12	12	03	44.6	44.8	33.0	45.5	243	255	82	86	SW 3	SSW 1	10	10	—	Overcast all day.
13	01	12	45.0	46.8	43.7	51.6	257	257	86	90	SE 1	SSE 0.5	10	10	0.40	Overcast all day.
14	18	21	47.9	46.1	42.2	49.0	306	275	93	89	SSE 1	SSE 1	10	10	0.10	Overcast all day.
15	20	12	43.8	47.1	41.9	48.2	261	276	92	86	SSE 1	S 3	8	10	—	
16	08	34	53.1	48.7	46.2	53.8	382	336	94	98	SSW 5	SSW 1	10	10	0.10	
17	46	44	47.3	48.5	46.4	49.6	324	334	99	97	Calm	SSE 0.5	10	10	0.10	ga. Overcast all day.
18	35	30.20	45.4	46.8	44.2	48.5	296	306	98	95	SSE 1	SSE 4	10	10	—	Overcast all day.
19	30.06	29.87	44.3	43.9	42.9	46.8	268	270	92	95	SE 2	SE 3	10	10	0.40	Overcast all day.
20	29.91	30.02	45.0	43.9	42.0	46.4	297	270	99	95	Calm	Calm	0	10	10	0.60
21	30.09	30.25	40.3	39.1	36.1	43.9	245	219	99	92	Calm	NNW 1	10	8	0.20	ga.
22	51	66	38.7	29.0	27.5	43.5	186	157	80	98	Calm	Calm	0	8	3	—
23	62	57	30.1	36.2	25.3	38.7	151	202	91	94	Calm	SW 0.5	10	10	0.10	
24	53	50	40.7	43.2	35.4	45.6	246	249	96	89	Calm	WSW 0.5	10	10	—	Overcast all day.
25	43	45	46.4	43.2	42.0	48.1	262	255	84	91	W 1	NW 1	10	9	0.50	
26	52	52	35.5	40.4	34.6	43.9	205	246	99	99	Calm	Calm	0	8	10	0.20
27	30.43	30.06	41.1	43.6	39.2	45.0	245	257	95	90	SSW 0.5	SW 2	10	10	0.70	
28	29.49	29.70	40.9	33.2	31.9	47.3	238	188	94	99	WSW 6	NW 8	10	10	0.30	* showers.
29	29.86	30.12	33.5	36.2	31.1	37.7	188	191	97	89	SW 1	NW 2	10	10	0.10	* a.
30	30.11	29.94	36.3	47.2	34.8	47.8	214	287	100	89	S 1	NW 6	10	9	0.70	
31	30.02	30.08	48.3	50.0	45.8	50.4	333	339	99	94	WSW 2	WSW 1	10	10	0.10	
Means	30.138	30.138	39.6	39.6	34.1	45.0	232	234	93.0	93.2	1.3	1.7	9.1	8.2	2.620	

DUBLIN.

Height above Mean Sea Level, 54 feet. Long. 6° 15' W. Lat. 53° 20' N.

DECEMBER 1885.

1	30.19	30.26	42.9	45.2	41.2	48.7	235	247	85	83	WhyS 3	W 4	0	0	—	Bright and fine, but cool. Squally p.
2	30.04	29.96	47.8	41.1	40.8	49.8	245	218	74	82	SW 5	W 3	9	0	0.83	Squally (gale) from SW. p.
3	29.93	35	43.0	51.7	38.1	53.3	202	275	73	72	WSW 3	SW 8	10	0	101	Much cir-s. a. 11a.-3p. Squally
4	51	73	38.1	37.6	36.8	54.8	193	176	84	78	WhyN 4	W 4	2	0	—	a. and p.
5	72	41	39.1	40.5	36.1	41.3	210	222	89	89	W 2	E 4	9	7	161	ga. Cold from 4p. [day. p.
6	57	29.73	40.9	40.1	36.3	42.5	195	182	77	73	E by S 3	E 7	10	10	—	Snow on mountains. Very cold, cloudy
7	29.90	30.12	39.2	36.8	36.2	40.7	161	137	68	63	E 5	ENE 3	6	0	—	Squally a. Very cold and dry. 0
8	30.27	48	31.8	30.5	28.2	37.1	141	131	68	77	N 2	NNW 2	0	0	—	(mist) p. [a. and p.
9	52	41	30.1	35.1	27.5	37.8	136	163	81	79	W 2	NW 3	0	0	0.30	Very fine and bright. p.
10	51	60	34.0	27.1	27.1	37.4	170	115	86	79	E 2	Calm	0	10	0	* a. ∞ p
11	56	42	30.7	35.7	24.3	36.3	148	180	87	86	W 1	W 2	9	10	—	ga. Overcast from 4p., and milder.
12	24	14	41.2	45.2	34.8	45.7	208	232	81	78	W 4	WSW 6	9	10	0.10	Squally (gale). Beautiful sunset.
13	10	20	46.5	49.0	44.9	49.8	258	260	82	75	WhyS 3	WhyS 3	9	10	—	Very fine and sunny from 10a.
14	27	31	50.8	48.9	47.1	52.2	269	251	73	73	SW 2	SSW 2	10	8	—	Cloudy and mild.
15	29	26	41.8	42.0	41.1	49.7	239	231	91	88	Calm	Calm	0	1	5	ga. and p., but very fine in the
16	22	37	53.0	55.3	41.4	57.7	347	401	86	92	SW 6	WSW 2	9	10	—	Brilliant from 11a. [Afterglow 4p.
17	49	50	52.8	49.9	49.6	56.6	374	337	93	95	WSW 1	SSE 1	4	10	—	(mist) a. Warm and damp.
18	42	33	46.6	45.0	44.1	50.4	302	284	96	95	ESE 1	SSE 3	10	10	—	a. and p.
19	30.17	01	45.1	45.8	43.9	46.5	254	241	85	80	S by E 3	SSE 4	10	10	0.23	Cloudy all day.
20	29.96	00	45.9	47.3	44.1	48.7	291	321	95	99	Calm	ESE 2	10	10	0.92	Very dull all day. ga. and p.
21	30.07	21	44.9	43.6	43.2	47.9	276	252	93	89	WSW 3	WNW 2	4	9	—	Fine a. Cloudy p.
22	43	63	42.4	37.1	36.9	44.1	225	191	85	87	N 2	N 2	8	2	—	∞ p.
23	66	60	28.9	36.0	28.3	37.6	135	174	86	82	W 2	WNW 3	8	9	—	ga. Cloudy most of day. U p.
24	55	53	39.9	42.8	34.9	43.7	213	257	87	94	WNW 2	W 2	9	10	—	ga. Dull and overcast.
25	47	44	43.1	45.4	41.4	46.3	230	271	82	90	W 2	W 2	10	10	—	Very dull, except from 0.30p.-2.30p.
26	51	54	42.8	43.1	42.1	46.0	248	247	91	89	NW 2	NW 1	10	10	—	Overcast most of day.
27	30.51	30.20	41.4	43.8	40.1	45.8	211	223	82	77	W 3	WSW 5	10	10	—	Very piercing squally p.
28	29.60	29.73	47.9	34.9	34.3	50.4	264	165	80	81	W by S 6	W by S 5	5	0	110	Squally (gale) a. * showers p.
29	29.92	30.13	33.5	31.5	31.0	37.6	165	138	87	77	W by N 4	WNW 2	0	0	0.34	Squally * a. * (sleet)
30	30.20	29.95	37.1	46.9	30.9	47.6	196	276	89	87	WSW 3	WNW 5	10	10	0.98	showers p. (mist) ga.
31	30.01	30.10	48.3	49.9	46.1	50.4	328	330	97	93	W 3	W 4	10	10	—	* a. Dull, damp, and mild p., with
Means	30.186	30.181	41.7	42.1	37.8	46.2	228	230	84.6	85.4	2.7	3.1	7.1	6.1	0.742	Dull and mild all day. Squally p.

PARSONSTOWN (BIRRE CASTLE).

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

DECEMBER 1885.

Day.	Barometer at 32° and M. S. L.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
1	ins.	ins.	40.0	42.2	38.2	50.4	in.	in.	85	92	SW 1	Calm 0	1	10	ins.	☼ ⁰ (mist) before ga.
2	30.24	30.28	46.9	38.6	36.3	48.6	254	205	80	88	S 2	W 1	10	1	170	
3	29.98	29.98	46.9	38.6	36.3	48.6	254	205	80	88	SSE 1.5	SSW 5	10	10	168	
4	89	27	38.3	51.2	33.3	52.8	196	295	85	78	SW 1	W 2-3	4	0	—	
5	58	79	36.5	36.8	34.4	53.9	186	184	86	85	SE 0.5	N 2	10	10	139	
6	72	43	37.1	37.5	35.1	39.7	199	203	90	91	NW 1	NE 3	10	10	0.50	Overcast and gloomy.
7	56	29.69	34.3	36.3	29.2	37.9	163	190	82	89	NNE 1	NNE 1	2	0	—	
8	29.89	30.15	31.4	27.7	27.0	37.1	146	092	83	62	Calm 0	Calm 0	0	9	—	☼ ⁰ (mist) ga.
9	30.32	53	22.7	27.0	19.8	35.7	097	114	80	79	SW 0.5	NE 1	8	0	—	
10	56	47	28.3	33.5	23.6	39.3	152	170	99	88	N 1	NE 0.5	10	0	—	✱ before ga.
11	52	61	34.3	25.0	24.0	36.5	178	118	89	87	Calm 0	SSE 1	1	10	—	
12	58	43	25.0	36.2	21.0	36.2	118	178	87	83	SW 1	SW 3	10	10	—	
13	25	16	41.7	44.9	35.0	45.1	206	232	79	78	Calm 0	S 1	10	10	0.34	
14	14	21	44.8	46.2	43.7	50.2	267	259	90	84	SSE 1	SSW 2	10	10	—	☼ ⁰ (mist) ga.
15	27	27	47.8	45.2	43.8	50.6	281	251	85	84	SSE 2	SSW 2.5	2	10	0.20	
16	25	22	44.9	47.4	42.8	49.1	250	270	85	83	SW 1	Calm 0	10	10	0.17	
17	22	40	53.8	52.9	46.2	57.2	363	381	87	95	Calm 0	Calm 0	8	10	—	☼ ga. and before.
18	51	49	50.3	49.4	48.8	53.3	352	330	97	94	Calm 0	Calm 0	10	10	—	
19	38	30.28	47.0	46.3	44.2	50.3	301	283	94	91	SSE 1.5	SSE 3	10	10	—	
20	30.09	29.94	45.6	45.1	44.1	47.5	263	259	86	86	SSE 1	SE 2	10	10	0.15	Overcast and gloomy.
21	30.04	30.00	46.4	47.1	42.5	48.8	294	305	94	94	SSE 1	Calm 0	10	10	1.16	Overcast and gloomy.
22	30.11	26	42.9	40.2	39.6	47.3	263	235	95	94	NW 0.5	NNW 2	10	10	0.20	
23	49	67	34.8	29.9	29.3	41.5	174	156	86	94	NNW 2	Calm 0	1	0	—	☼ p.
24	07	63	26.3	30.8	24.8	35.4	143	173	100	100	Calm 0	S 0.5	8	9	—	☼ ga. and before.
25	58	55	36.8	40.4	30.0	42.5	193	236	89	95	Calm 0	Calm 0	10	10	—	☼ before ga.
26	50	47	41.1	45.4	39.3	46.9	230	251	89	84	Calm 0	N 1	10	10	0.16	
27	54	57	40.0	40.9	39.1	45.4	232	230	94	91	Calm 0	Calm 0	10	10	—	☼ ⁰ (mist) a. Day overcast and
28	30.53	30.39	39.7	44.0	38.2	44.5	206	242	84	83	SSW 1	SSW 3	10	10	0.38	Overcast and gloomy all day.
29	30.62	29.82	47.8	35.1	33.9	49.5	291	153	89	74	SSW 2	WSW 3-4	9	2	0.80	△
30	30.08	30.20	33.8	31.9	30.4	39.8	174	155	86	86	W 1	WNW 1	7	1	0.20	✱ before ga.
31	30.24	05	37.3	40.5	30.7	47.1	201	279	91	89	SW 1	WSW 4-5	10	10	0.13	Squally ga.
31	30.09	30.17	48.8	50.1	44.8	50.1	307	334	93	93	W 1	SW 2-3	10	10	—	
Means	30.202	30.199	39.5	40.4	35.3	45.5	223	226	88.5	86.8	0.9	1.6	7.8	7.5	0.956	

PART II.

MONTHLY SUMMARIES FROM STATIONS OF THE SECOND ORDER, 1885.

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

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

The list is the same as that for the year 1884.

The hours of observation were, as before, 9 a.m. and 9 p.m. local time at all the stations, except Durham where for the months January to September the hours were 10 a.m. and 10 p.m. From October the hours at the station named were 9 a.m. and 9 p.m.

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

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

The monthly Vapour Tension and Relative Humidity is in most cases the average of the daily values. For some stations, however, the monthly averages of the dry-bulb and wet-bulb temperatures have been used for obtaining these values, and in these cases the per-centages of the humidity have been given in whole numbers instead of to the first place of decimals. The tables employed are Glaisher's, 5th Edition, London, 1869.

In some previous years the decision of the Vienna Congress that the days of precipitation, irrespective of amount, should be counted as the number of days of rain, has been literally observed; but since the common practice of British Meteorologists has been to take .01 inch (.005 inch in those cases where the rainfall was observed to thousandths of an inch) as the minimum for a rainy day, and as, moreover, many observers do not record closer than to hundredths of an inch, it has been deemed desirable to adopt this lower limit, that the results as here given may be directly comparable with each other and with similar British publications. In this volume, therefore, as in that for 1881 and subsequent years, a day of rain must be understood as one on which .01 inch (or .005 inch at least) of rain was registered. As in previous years, no regard is had to the form of the precipitation, those days on which snow, hail, &c. fell being all included in the number of days of rain.

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

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

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

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

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

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

On pages 230-231 is given, in Part III., the Annual Summary, showing at one opening the mean values and totals for the year of the various elements at all the stations, as well as the extreme temperatures and the maximum rainfall. And on page 232 will be found, as Part IV., a table giving the number of hours of bright Sunshine registered at various stations.

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

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

SANDWICK

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

1885.	Mean Pressure at 32° and M. S. L.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.						
January -	ins. 29.743	38.1	37.8	38.0	35.3	41.4	26.2	15th	49.2	5th	in. 211	in. 210	in. 211	% 92	% 93	% 93
February -	349	37.1	37.2	37.2	33.5	42.0	11.9	20th	50.8	24th	205	206	206	93	93	93
March -	895	38.8	38.7	38.8	35.4	44.7	27.2	21st	48.6	21st	213	212	213	90	91	91
April -	758	43.4	41.7	42.6	38.3	48.1	29.6	3rd	57.1	30th	251	237	244	89	90	90
May -	702	45.4	43.4	44.4	40.2	49.5	33.3	7th	60.5	28th	251	243	247	84	86	85
June -	29.933	50.8	49.3	50.1	45.2	54.8	40.3	26th								
July -	30.048	55.2	53.6	54.4	49.8	59.9	44.3	20th	67.9	25th	363	347	355	84	84	84
August -	29.978	51.9	49.9	50.9	47.3	56.0	38.8	27th	62.5	9th	326	306	316	85	87	86
September -	613	50.9	49.5	50.2	45.9	54.9	37.5	1st	60.5	7th	320	311	316	87	89	88
October -	640	42.5	41.4	42.0	38.5	46.6	28.7	23rd	52.6	2nd	236	228	232	87	88	88
November -	29.770	41.6	41.6	41.6	38.4	46.4	30.3	14th	57.7	3rd	231	229	230	89	88	89
December -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

NOTE.—No observations were taken during December 1885, during

DUNROBIN CASTLE

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

1885.	ins.	9 a.m.	9 p.m.	Mean.	Min.	Max.	Day.	Min.	Max.	Day.	in.	in.	in.	%	%	%
January	29.777	36.5	36.4	36.5	32.0	41.0	23.3	21st	49.5	5th	192	187	190	88.4	85.7	87.1
February	417	36.7	36.8	36.8	32.4	42.7	22.0	16th	52.7	26th	204	204	204	92.4	92.1	92.3
March	967	39.9	39.2	39.6	33.7	46.4	23.5	9th	52.5	23rd	223	218	221	89.6	90.0	89.8
April	780	44.6	42.6	43.6	37.9	49.9	31.3	2nd	61.2	18th	273	252	263	92.0	92.0	92.0
May	730	46.9	43.6	45.3	40.1	50.5	31.0	12th	60.2	28th	252	240	246	78.3	83.9	81.1
June	29.969	53.4	50.9	52.2	45.8	57.5	39.1	10th	71.1	27th	314	301	308	77.0	80.6	78.8
July	30.080	57.1	55.0	56.1	49.5	61.5	40.7	8th	72.1	2nd	363	364	364	77.8	84.0	80.9
August	29.996	54.1	51.5	52.8	47.1	58.4	37.1	30th	66.5	21st	324	315	320	76.8	81.8	79.3
September	657	52.6	49.5	51.1	44.7	56.9	34.7	27th	62.4	14th	322	309	316	80.6	86.9	83.8
October	684	44.0	41.3	42.7	38.0	48.2	28.5	25th	55.5	2nd	244	229	237	84.4	87.7	86.1
November	813	40.6	40.7	40.7	36.4	45.4	23.5	16th	56.4	3rd	237	234	236	91.8	90.5	91.2
December	29.930	39.9	39.9	39.9	35.0	44.9	21.7	7th	57.6	16th	238	233	236	92.5	91.5	92.0
Year	29.817	45.5	44.0	44.8	39.4	50.3	—	—	—	—	266	257	262	85.1	87.2	86.2

BRAEMAR

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

1885.	ins.	9 a.m.	9 p.m.	Mean.	Min.	Max.	Day.	Min.	Max.	Day.	in.	in.	in.	%	%	%
January	29.813	29.8	30.8	30.3	26.0	37.2	4.5	16th	45.7	5th	161	158	160	93.6	89.2	91.4
February	431	33.1	34.5	33.8	29.7	40.9	12.4	20th	47.5	26th	171	181	176	88.2	89.2	88.7
March	999	34.6	34.6	34.6	29.7	41.4	21.4	23rd	49.3	13th	168	169	169	83.1	84.0	83.6
April	772	41.4	39.9	40.7	34.4	47.8	23.6	14th	58.5	21st	202	202	202	76.6	80.7	78.7
May	695	42.5	40.0	41.3	36.2	48.2	27.7	12th	59.3	28th	209	214	212	76.0	85.8	80.9
June	29.962	52.7	50.4	51.6	43.4	60.9	32.5	9th	70.5	28th	285	288	287	71.0	77.5	74.3
July	30.064	57.4	54.9	56.2	45.9	65.8	36.2	1st	80.7	24th	346	356	351	73.3	81.6	77.5
August	29.981	52.2	48.8	50.5	42.5	59.6	29.5	31st	72.5	1st	292	294	293	74.4	84.7	79.6
September	682	47.3	45.9	46.6	40.4	54.5	25.4	27th	63.5	1st	268	265	267	81.6	84.9	83.3
October	692	37.5	37.4	37.5	33.1	43.8	17.4	25th	52.5	2nd	192	192	192	83.2	85.0	84.1
November	828	35.3	35.8	35.6	31.4	43.5	9.7	18th	57.5	3rd	189	190	190	88.6	87.1	87.9
December	29.984	35.4	36.3	35.9	31.4	41.6	12.6	7th	52.7	16th	181	187	184	85.3	85.1	85.2
Year	29.825	41.6	40.8	41.2	35.3	48.8	—	—	—	—	222	225	224	81.2	84.6	82.9

SANDWICK.

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

1885.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	7.8	6.7	7.3	2.140	.500	9th	13	4	3	0	2	16	13	1	8	2	10	21	7	4	1	8
February	6.8	6.4	6.6	3.630	.350	6th	25	5	2	0	3	11	10	3	1	2	4	13	10	8	9	6
March	8.5	7.3	7.9	2.630	.400	31st	23	8	0	0	1	18	14	11	2	1	2	9	5	17	14	1
April	5.7	4.5	5.1	1.430	.350	1st	16	2	1	0	7	8	6	2	3	4	11	13	10	7	3	7
May	8.0	7.3	7.7	1.700	.360	8th	22	2	2	0	0	14	4	13	10	2	12	5	4	4	6	6
June	7.5	6.1	6.8	2.500	.360	18th	21	0	0	0	3	13	3	1	0	1	4	13	4	18	17	2
July	7.6	7.6	7.6	1.520	.290	17th	16	0	0	0	0	16	1	0	0	0	4	11	5	26	8	8
August	7.6	8.1	7.9	1.680	.580	10th	16	0	1	1	2	18	1	16	15	6	3	1	1	4	11	5
September	7.0	7.5	7.3	3.780	.640	2nd	21	0	1	0	0	13	8	5	1	1	9	9	9	13	5	8
October	6.9	6.4	6.7	4.675	.900	2nd	23	2	2	1	2	4	10	12	11	1	3	5	4	8	7	11
November	6.8	6.8	6.8	2.070	.420	6th	14	3	1	0	1	9	8	4	2	2	9	14	10	9	4	6
December	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Year	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

which month the instruments were transferred to Swanbister.

DUNROBIN CASTLE.

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

Thermometers, 5 feet S.W.																						
				ins.	ins.																	
January	-	-	-	2° 170	420	10th	11	2	0	0	-	-	-	9	16	1	15	8	4	1	8	0
February	-	-	-	2° 050	550	13th	10	5	0	0	-	-	-	4	9	4	8	2	10	7	12	0
March	-	-	-	2° 270	720	17th	15	3	0	0	-	-	-	9	7	6	5	0	12	7	16	0
April	-	-	-	1° 250	410	24th	7	2	0	0	-	-	-	4	11	6	22	0	7	1	9	0
May	-	-	-	4° 070	690	6th	22	3	2	0	-	-	-	2	15	6	18	0	10	1	10	0
June	-	-	-	1° 940	420	18th	10	0	0	0	-	-	-	6	15	5	11	3	9	4	7	0
July	-	-	-	1° 720	650	16th	10	0	0	0	-	-	-	8	7	4	5	3	9	16	10	0
August	-	-	-	1° 140	500	10th	8	0	0	0	-	-	-	6	10	18	2	6	4	9	7	0
September	-	-	-	4° 510	550	2nd	19	0	0	0	-	-	-	2	8	4	11	1	7	21	6	0
October	-	-	-	3° 370	570	25th	18	0	0	0	-	-	-	9	11	10	3	0	3	12	14	0
November	-	-	-	1° 470	310	3rd	9	2	0	0	-	-	-	15	7	1	13	1	4	5	14	0
December	-	-	-	2° 840	560	4th	12	7	0	0	-	-	-	11	9	3	1	0	2	6	30	0
Year	-	-	-	28° 800	-	-	151	24	2	0	-	-	-	85	125	68	114	24	81	90	143	0

LAUDALE

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

1885.		Mean Pressure at 32° and M. S. L.	Air Temperature.								Tension of Vapour.			Relative Humidity.			
			9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
						Min.	Max.	Min.	Day.	Max.	Day.						
January	-	ins. 29° 745	38° 8	39° 4	39° 1	35° 2	43° 1	23° 0	15th	51° 8	5th	214	227	221	87° 6	92° 2	89° 9
February	-	29° 412	39° 4	39° 8	39° 6	34° 7	44° 5	23° 0	16th	52° 1	12th	229	229	229	92° 3	91° 5	91° 9
March	-	30° 009	40° 2	40° 1	40° 2	34° 6	46° 2	26° 8	9th	51° 0	26th	211	214	213	84° 7	85° 5	85° 1
April	-	29° 752	46° 1	45° 3	45° 7	40° 5	52° 2	29° 9	9th	60° 0	19th	246	250	248	79° 0	82° 6	80° 8
May	-	29° 718	46° 9	44° 5	45° 7	39° 9	51° 5	30° 7	6th	60° 0	26th	251	239	245	77° 6	80° 7	79° 2
June	-	30° 066	53° 7	51° 4	52° 6	46° 9	58° 8	40° 2	{ 25th } 26th	69° 7	28th	324	317	321	78° 0	83° 3	80° 7
July	-	30° 099	57° 4	55° 0	56° 2	49° 8	63° 0	40° 7	21st	76° 1	24th	386	366	376	81° 4	84° 2	82° 8
August	-	29° 983	55° 7	52° 8	54° 3	47° 9	61° 6	41° 2	28th	68° 8	6th	363	345	354	81° 3	85° 8	83° 6
September	-	686	52° 3	51° 0	51° 7	47° 0	56° 4	32° 3	27th	64° 8	7th	327	319	323	82° 7	84° 9	83° 8
October	-	704	43° 1	41° 8	42° 5	38° 3	48° 6	27° 5	24th	55° 0	15th	238	229	234	84° 5	85° 9	85° 2
November	-	29° 805	42° 8	43° 2	43° 0	38° 7	46° 7	25° 2	18th	57° 6	3rd	239	241	240	84° 8	84° 2	84° 5
December	-	30° 028	41° 5	42° 1	41° 8	37° 3	45° 9	19° 9	7th	55° 1	16th	240	243	242	88° 3	87° 1	87° 7
Year	-	29° 834	46° 5	45° 5	46° 0	40° 9	51° 5	—	—	—	—	272	268	270	83° 5	85° 7	84° 6

DUNDEE

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

	ins.										in.	in.	in.	%	%	%
January - -	29.807	35.5	35.6	35.6	31.8	39.2	24.7	16th	46.8	5th	.195	.194	.195	93.2	92.0	92.6
February - -	29.466	37.3	38.1	37.7	33.5	43.8	23.4	21st	53.7	27th	.205	.209	.207	90.5	89.9	90.2
March - -	30.003	39.1	37.5	38.3	32.5	45.6	25.3	23rd	53.0	20th	.222	.218	.220	92.9	96.3	94.6
April - -	29.783	45.5	42.0	43.8	37.0	51.1	30.0	4th	62.3	18th	.244	.225	.235	79.4	82.6	81.0
May - -	.703	47.9	43.3	45.6	39.1	53.3	30.3	8th	63.6	26th	.261	.254	.258	78.3	89.9	84.1
June - -	29.985	56.2	51.7	54.0	47.2	64.0	37.6	9th	73.9	12th	.331	.323	.327	73.6	84.2	78.9
July - -	30.099	60.8	56.0	58.4	50.4	68.8	41.2	1st	79.3	25th	.397	.401	.399	74.5	89.5	82.0
August - -	29.968	56.4	51.2	53.8	46.1	62.8	36.9	14th	72.3	21st	.351	.333	.342	76.7	87.8	82.3
September - -	.699	51.7	48.6	50.2	44.9	59.2	33.2	27th	68.6	6th	.319	.307	.313	82.6	89.2	85.9
October - -	.667	42.9	40.8	41.9	37.3	49.1	25.6	25th	55.6	2nd	.232	.217	.225	83.2	84.4	83.8
November - -	29.840	39.7	39.9	39.8	36.0	44.3	16.5	18th	55.7	3rd	.223	.219	.221	87.7	86.5	87.1
December - -	30.008	37.2	37.6	37.4	33.2	42.0	19.4	11th	54.3	16th	.197	.202	.200	85.0	85.8	85.4
Year -	29.836	45.9	43.5	44.7	39.1	51.9	—	—	—	—	.265	.259	.262	83.1	88.2	85.7

ROTHESAY

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

		ins.										in.	in.	in.	%	%	%
January	-	29.799	37.2	37.5	37.4	34.4	41.9	27.5	16th	49.2	5th	190	196	193	83.1	84.8	84.0
February	-	29.472	39.6	39.6	39.6	35.9	45.3	26.2	17th	52.1	12th	218	223	221	86.9	89.3	88.1
March	-	30.046	40.6	38.4	39.5	34.5	46.8	29.2	{ 7th 9th }	55.0	13th	211	204	208	82.5	86.0	84.3
April	-	29.789	46.1	42.7	44.4	39.2	52.2	32.4	8th	62.1	19th	248	243	246	78.9	87.0	83.0
May	-	29.735	48.0	44.1	46.1	39.3	53.7	30.9	7th	60.4	25th	264	249	257	78.9	85.4	82.2
June	-	30.029	55.3	51.1	53.2	46.3	62.1	37.8	10th	75.1	28th	327	322	325	74.5	84.8	79.7
July	-	30.121	58.2	55.7	57.0	50.3	65.6	40.3	14th	78.1	24th	401	397	399	82.4	88.4	85.4
August	-	29.985	57.7	52.1	54.9	47.2	64.2	40.3	15th	77.6	1st	387	357	372	81.0	90.3	85.7
September	-	733	52.4	49.7	51.1	45.5	58.5	32.4	27th	65.6	7th	338	319	329	85.1	88.8	87.0
October	-	716	44.7	42.1	43.4	38.8	50.1	31.4	{ 12th 24th }	56.4	14th	246	231	239	82.9	85.8	84.4
November	-	29.843	41.9	41.9	41.9	38.6	46.3	25.4	18th	56.3	3rd	235	235	235	85.9	85.9	85.9
December	-	30.073	40.2	40.1	40.2	36.3	45.3	21.0	7th	54.2	16th	221	227	224	85.7	88.0	86.9
Year	-	29.862	46.8	44.6	45.7	40.5	52.7	—	—	—	—	274	267	271	82.3	87.0	84.7

LAUDALE.

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

1885.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	7.4	5.4	6.4	7.740	1.240	4th	17	5	5	1	3	12	4	3	0	16	4	15	5	7	0	12
February	7.9	6.7	7.3	12.490	1.860	6th	23	11	3	1	2	12	2	3	1	2	10	15	4	11	2	8
March	7.6	6.7	7.2	6.100	1.710	28th	20	5	3	0	1	16	6	6	0	6	4	7	3	14	9	13
April	7.3	6.9	7.1	3.310	.900	24th	11	2	3	0	3	13	1	3	1	11	8	11	2	9	5	10
May	8.2	7.4	7.8	4.400	.950	21st	26	9	1	2	0	14	1	8	2	2	8	10	3	8	7	14
June	7.7	7.0	7.4	3.380	.550	18th	19	0	0	0	0	14	3	11	0	0	2	6	4	14	7	16
July	7.2	6.4	6.8	3.520	.720	14th	18	0	0	0	7	16	1	4	0	1	1	9	8	6	8	25
August	6.7	5.5	6.1	3.020	1.230	9th	10	0	1	0	4	10	1	2	6	0	2	6	11	2	7	24
September	8.2	8.4	8.3	13.410	1.830	11th	26	0	2	1	0	19	5	3	0	2	6	11	2	21	6	9
October	6.2	5.9	6.1	8.810	1.300	25th	20	3	2	0	3	9	3	8	2	10	4	1	3	12	10	12
November	7.4	6.6	7.0	4.650	.610	1st	17	3	0	0	3	11	3	0	0	3	17	13	11	7	3	6
December	7.9	7.9	7.9	10.280	1.900	3rd	28	7	0	0	2	19	6	5	0	1	3	4	11	16	9	13
Year	7.5	6.7	7.1	81.110	—	—	235	45	20	5	28	165	36	56	12	60	71	108	56	132	73	162

DUNDEE.

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

				ins.	ins.																		
January	-	9°0	9°1	9°1	1°340	°290	28th	17	5	0	0	0	26	4	4	12	4	16	3	9	7	7	0
February	-	7°8	8°0	7°9	2°840	°570	8th	20	6	1	0	1	18	5	2	1	1	8	4	17	13	10	0
March	-	6°8	7°3	7°1	2°580	°970	29th	15	4	3	0	3	16	5	2	12	1	6	1	14	14	12	0
April	-	7°4	7°8	7°6	2°400	°740	24th	17	3	1	1	1	16	7	0	8	7	18	6	14	5	2	0
May	-	7°4	9°1	8°3	3°690	°620	20th	28	1	8	1	0	15	3	1	12	7	7	4	9	7	15	0
June	-	8°2	8°0	8°1	0°580	°240	28th	8	0	0	1	0	18	0	0	7	4	15	3	11	8	12	0
July	-	7°5	8°3	7°9	0°820	°170	7th	11	0	0	1	0	15	0	0	4	5	17	3	13	19	1	0
August	-	8°0	8°0	8°0	1°950	°710	12th	9	0	0	1	0	18	2	2	16	5	20	3	3	7	6	0
September	-	7°6	8°4	8°0	3°090	°510	2nd	20	0	0	1	0	15	2	1	2	0	16	4	11	19	7	0
October	-	7°0	7°7	7°4	1°340	°360	30th	12	0	0	0	0	11	8	2	20	1	3	1	5	11	19	0
November	-	8°2	8°1	8°2	1°710	°630	26th	17	0	0	0	2	21	6	2	7	0	12	2	15	15	7	0
December	-	7°2	7°5	7°4	1°000	°320	3rd	14	4	0	0	2	18	5	3	4	0	1	0	13	31	10	0
Year	-	7°7	8°1	7°9	2°340	—	—	188	23	13	6	9	207	47	19	105	35	139	34	134	156	108	0

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

PINMORE (AYRSHIRE) -

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

See serials 1886 vol. 1887, 1888.

1885.	Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
					Min.	Max.	Min.	Day.	Max.	Day.							
	ins.																
January	29.836	36.8	36.2	36.5	31.7	41.7	23.5	16th	49.2	5th	195	186	191	87.7	85.5	86.6	
February	29.525	38.7	38.2	38.5	33.7	45.2	22.5	21st	50.6	30th	217	213	215	90.1	89.6	89.9	
March	30.085	38.0	36.6	37.3	30.6	46.7	22.5	7th	53.1	12th	190	193	192	81.6	87.7	84.7	
April	29.812	46.0	41.4	43.7	36.3	52.6	25.0	14th	63.1	23rd	240	227	234	76.8	85.7	81.3	
May	29.763	48.3	43.3	45.8	37.3	53.2	25.5	9th	60.6	19th	257	243	250	75.5	85.6	80.6	
June	30.053	56.8	50.8	53.8	43.3	62.7	32.7	7th	72.9	25th	333	316	325	72.3	84.6	78.5	
July	157	60.8	55.2	58.0	48.8	67.6	38.4	10th	79.9	13th	424	397	411	79.3	90.4	84.9	
August	30.012	56.9	51.4	54.2	44.3	63.7	32.5	14th	77.9	25th	376	346	361	80.9	90.0	85.5	
September	29.785	52.6	49.7	51.2	44.2	58.7	24.4	29th	64.1	1st	333	321	327	83.2	88.7	86.0	
October	753	43.0	40.9	42.0	37.0	49.6	21.0	27th	55.1	7th	239	230	235	85.6	89.1	87.4	
November	29.878	38.8	39.7	39.3	34.8	46.5	16.5	25th	55.1	1st	218	219	219	87.2	85.8	86.5	
December	30.142	37.9	38.9	38.4	34.0	44.3	14.5	18th	53.3	4th	213	218	216	88.8	89.4	89.1	
Year	29.900	46.2	43.5	44.9	38.0	52.7	—	8th	—	16th	270	259	265	82.4	87.7	85.1	

SCALEBY (NEAR CARLISLE)

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

	ins.										in.	in.	in.	%	%	%
January	29.819	37.1	36.0	36.6	31.9	41.4	24.0	23rd	52.0	29th	194	181	188	86.0	84.5	85.3
February	29.528	39.0	39.8	39.4	34.8	46.9	21.8	19th	55.0	27th	210	217	214	86.6	86.3	86.5
March	30.044	38.1	37.2	37.7	31.5	46.0	22.0	23rd	52.5	20th	189	192	191	81.1	86.3	83.7
April	29.783	46.6	42.0	44.3	36.8	52.6	27.5	14th	63.5	17th	240	234	237	75.2	86.7	81.0
May	29.728	47.6	44.6	46.1	38.4	53.4	27.6	7th	65.0	28th	263	253	258	79.7	85.9	82.8
June	30.008	56.9	53.0	55.0	45.2	63.8	34.0	10th	73.8	27th	342	331	337	74.4	82.6	78.5
July	30.131	59.7	56.8	58.3	49.3	67.6	41.9	1st	81.7	24th	399	400	400	77.5	86.2	81.9
August	29.971	55.9	52.4	54.2	47.4	63.4	32.7	30th	72.7	1st	354	336	345	79.3	85.4	82.4
September	759	52.3	49.4	50.9	43.7	60.1	28.1	27th	68.7	4th	325	317	321	82.5	88.8	85.7
October	686	44.3	41.7	43.0	37.5	49.2	26.7	30th	55.5	1st	251	235	243	86.1	88.7	87.4
November	29.867	40.7	40.4	40.6	35.9	48.8	22.9	16th	57.7	3rd	230	231	231	88.7	90.1	89.4
December	30.105	36.4	36.8	36.6	30.5	43.1	13.4	8th	53.2	16th	198	206	202	89.3	91.0	90.2
Year	29.869	46.2	44.2	45.2	38.6	53.0	—	—	—	—	266	261	264	82.2	86.9	84.6

SEAHAM HARBOUR

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

	ins.										in.	in.	in.	%	%	%
January	29.834	38.6	37.7	38.2	34.7	42.1	28.5	23rd	59.8	30th	207	198	203	87.3	86.8	87.1
February	29.544	41.1	41.4	41.3	36.2	47.4	28.0	19th	57.3	24th	230	240	235	87.8	89.8	88.8
March	30.030	41.2	39.0	40.1	34.0	46.0	29.0	19th	54.5	20th	206	196	201	79.1	81.9	80.5
April	29.791	47.4	43.8	45.6	39.3	51.7	30.8	3rd	71.5	19th	264	250	257	80.2	87.1	83.7
May	29.729	49.7	44.7	47.2	40.5	54.0	33.1	8th	71.3	28th	274	261	268	76.8	87.7	82.3
June	30.016	57.6	51.7	54.7	47.3	62.1	39.5	10th	78.5	12th	347	331	339	73.9	86.3	80.1
July	30.132	61.8	56.8	59.3	51.9	67.0	44.5	13th	79.5	25th	417	402	410	75.7	86.7	81.2
August	29.970	56.6	53.2	54.9	50.2	60.4	40.8	30th	72.5	16th	368	342	355	79.8	84.3	82.1
September	771	54.2	51.4	52.8	46.2	60.3	35.5	26th	72.5	15th	341	330	336	80.8	85.7	83.3
October	661	46.7	44.7	45.7	41.1	50.2	34.5	26th	56.5	1st	272	266	269	85.3	89.3	87.3
November	29.873	43.5	43.0	43.3	39.1	47.9	26.5	18th	59.5	3rd	257	247	252	89.0	87.4	88.2
December	30.080	39.6	38.6	39.1	34.6	44.2	23.1	11th	56.5	17th	212	212	212	84.7	87.5	86.1
Year	29.869	48.2	45.5	46.9	41.3	52.8	—	—	—	—	283	273	278	81.7	86.7	84.2

MONTHLY SUMMARIES.—PINMORE—SCALEBY—SEAHAM HARBOUR.

PINMORE (AYRSHIRE).

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

1885.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	—	—	—	ins.	ins.	31st	13	—	—	—	—	—	1	6	2	9	13	22	2	6	2	0
February	—	—	—	3.750	6.00	21st	21	—	—	—	—	—	1	8	0	2	2	12	15	5	12	0
March	—	—	—	6.160	1.350	31st	15	—	—	—	—	—	2	25	9	3	8	1	8	4	4	0
April	—	—	—	3.970	1.070	24th	14	—	—	—	—	—	2	9	6	5	16	15	6	2	1	0
May	—	—	—	3.850	1.260	12th	19	—	—	—	—	—	0	6	4	0	2	11	13	4	4	18
June	—	6.8	6.1	6.5	1.080	18th	11	—	—	—	2	12	0	9	0	0	0	11	8	6	5	26
July	—	5.8	5.5	5.7	2.220	14th	13	—	—	—	8	12	0	0	0	0	0	11	5	3	4	39
August	—	7.4	7.0	7.2	2.730	9th	9	—	—	—	4	16	1	2	1	1	2	10	5	1	5	35
September	—	7.5	7.5	7.5	1.570	11th	24	—	—	—	1	14	1	5	0	0	4	11	3	3	9	25
October	—	8.5	6.7	7.6	5.320	4th	20	—	—	—	2	16	2	6	7	0	4	0	2	1	12	30
November	—	7.9	6.8	7.4	3.620	26th	14	—	—	—	4	17	1	0	0	3	6	11	7	1	4	28
December	—	8.6	8.0	8.3	2.970	30th	23	—	—	—	2	21	0	2	0	0	3	6	13	3	3	32
Year	—	—	—	45.920	—	—	196	—	—	—	—	—	11	78	29	23	60	116	87	39	65	233

SCALEBY (NEAR CARLISLE).

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

January	-	7.4	5.9	6.7	ins. 2.210	ins. .590	28th	18	4	1	0	2	13	2	0	8	13	4	2	16	4	6	9
February	-	7.6	5.7	6.7	2.600	.410	8th	19	1	0	0	4	12	5	2	2	5	5	2	30	2	0	8
March	-	5.6	5.9	5.8	2.010	.540	4th	12	1	0	0	4	9	2	4	4	9	2	3	15	5	5	15
April	-	6.3	4.5	5.4	1.350	.330	22nd	10	0	0	1	6	10	0	4	5	17	2	3	16	4	1	8
May	-	7.7	6.0	6.9	2.380	.600	1st	21	2	5	2	1	11	0	2	12	4	5	5	12	14	2	6
June	-	6.6	6.1	6.4	1.520	.430	{ 18th 28th }	13	0	0	1	3	12	0	2	5	9	0	2	12	12	2	16
July	-	5.9	6.1	6.0	2.080	.920	18th	9	0	0	0	5	12	0	0	0	12	0	0	27	8	0	15
August	-	7.7	6.8	7.3	3.040	.870	5th	10	0	0	0	3	17	1	5	11	15	2	2	9	4	0	14
September	-	7.4	5.6	6.5	4.800	1.200	12th	22	0	1	0	0	9	1	2	1	5	5	4	26	3	1	13
October	-	6.2	5.5	5.9	2.390	.430	25th	18	0	0	0	1	8	3	11	8	13	3	0	15	7	2	3
November	-	8.3	7.0	7.7	2.090	.470	26th	13	0	0	0	3	19	1	5	9	16	1	5	20	2	1	1
December	-	7.6	5.7	6.7	1.400	.450	30th	13	4	0	0	7	17	7	5	5	6	1	4	29	5	1	6
Year	-	7.0	5.9	6.5	27.870	—	—	178	12	7	4	39	149	22	42	70	124	30	32	227	70	21	114

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

DURHAM*

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

1885.	Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
		10 a.m.	10 p.m.	Mean.	Means of		Absolute Min. and Max.				10 a.m.	10 p.m.	Mean.	10 a.m.	10 p.m.	Mean.	
					Min.	Max.	Min.	Day.	Max.	Day.							
January -	ins. 29° 821	37° 4	35° 5	36° 5	32° 1	39° 5	25° 7	22nd	53° 0	29th	in. 209	in. 195	in. 202	% 92° 2	% 93° 2	% 92° 7	
February -	29° 560	42° 6	38° 6	40° 6	33° 9	45° 6	22° 5	21st	56° 2	27th	237	215	226	85° 8	89° 7	87° 8	
March -	30° 041	41° 9	36° 4	39° 2	31° 9	45° 5	26° 8	14th	55° 9	11th	211	189	200	79° 7	86° 6	83° 2	
April -	29° 790	48° 0	41° 7	44° 9	36° 2	52° 5	25° 2	3rd	68° 7	19th	260	244	252	77° 5	90° 9	84° 2	
May -	29° 737	49° 5	42° 1	45° 8	37° 5	54° 0	29° 5	12th	69° 5	28th	271	243	257	76° 7	89° 7	83° 2	
June -	30° 022	58° 7	51° 3	55° 0	45° 7	64° 0	36° 5	27th	78° 0	4th	346	326	336	70° 0	86° 0	78° 0	
July -	30° 139	62° 9	55° 4	59° 2	49° 5	70° 6	40° 3	13th	84° 4	25th	412	386	399	71° 6	87° 3	79° 5	
August -	29° 974	56° 7	51° 3	54° 0	47° 7	61° 6	37° 1	30th	75° 2	16th	354	337	346	77° 0	88° 1	82° 6	
September -	778	55° 0	49° 3	52° 2	43° 1	61° 2	32° 5	26th	69° 3	15th	341	318	330	78° 7	88° 8	83° 8	
October -	678	44° 4	42° 9	43° 7	38° 9	49° 6	31° 8	12th	58° 0	8th	260	248	254	88° 3	89° 1	88° 7	
November -	29° 884	40° 8	41° 1	41° 0	36° 4	46° 3	21° 5	18th	58° 3	4th	240	238	239	92° 4	91° 0	91° 7	
December -	30° 095	37° 4	36° 9	37° 2	31° 9	43° 1	18° 8	8th	55° 5	16th	209	208	209	92° 0	90° 9	91° 5	
Year -	29° 877	47° 9	43° 5	45° 7	38° 7	52° 8	—	—	—	—	279	262	271	81° 8	89° 3	85° 6	

* Observations taken at 10 a.m. and 10 p.m. each day till September 30th, thence at 9 a.m. and 9 p.m.

NEWTON REIGNY (NEAR PENRITH).

Long. $2^{\circ} 48' \text{ W.}$ Lat. $54^{\circ} 41' \text{ N.}$ Height above Mean Sea Level, 579 feet.

		ins.	9 a.m.	9 p.m.						9 a.m.	9 p.m.	ins.	9 a.m.	9 p.m.	%		
			%	%	%	%	%	%	%	in.	in.	%	%	%	%		
January	-	29°833	36°1	35°1	35°6	31°7	39°8	22°5	23rd	50°2	29th	192	181	187	89°1	86°8	88°2
February	-	29°550	37°6	38°5	38°1	34°1	44°2	18°0	20th	51°5	25th	205	212	209	89°2	88°1	88°7
March	-	30°065	36°6	36°2	36°4	30°6	43°6	24°0	23rd	50°7	14th	181	182	182	82°7	84°7	83°7
April	-	29°797	44°4	41°2	42°8	35°8	50°9	25°0	14th	63°5	19th	228	219	224	77°2	83°4	80°3
May	-	29°741	46°2	42°7	44°5	37°5	52°1	27°8	7th	61°7	28th	245	234	240	77°8	84°5	81°2
June	-	30°027	55°0	52°3	53°7	44°9	61°7	33°9	10th	71°3	28th	320	312	316	74°3	79°4	76°9
July	-	30°142	59°1	55°9	57°5	48°1	66°3	39°3	30th	79°3	24th	385	379	382	75°8	83°9	79°9
August	-	29°982	53°6	50°6	52°1	45°2	60°9	31°0	30th	69°0	{ 6th 16th 3rd	337	326	332	81°7	88°0	84°9
September	-	787	51°0	48°5	49°8	43°0	57°8	29°8	26th	64°6		309	300	305	82°0	86°4	84°2
October	-	701	42°9	41°3	42°1	37°3	47°9	26°0	12th	55°4	2nd	241	230	236	86°7	88°2	87°5
November	-	29°880	38°8	38°8	38°8	34°0	45°0	20°0	16th	57°0	3rd	219	216	218	90°2	88°7	89°5
December	-	30°129	36°2	35°9	36°1	30°7	42°2	13°8	8th	53°7	16th	194	199	197	88°2	90°3	89°3
Year	-	29°886	44°8	43°1	44°0	37°7	51°0	—	—	—	—	255	249	252	82°9	86°0	84°5

AYSGARTH (YORKSHIRE)

Long. $1^{\circ} 58' \text{ W.}$ Lat. $54^{\circ} 18' \text{ N.}$ Height above Mean Sea Level, 658 feet.

Feet above Mean Sea Level, 600 feet.																	
		ins.			ft.			ft.			ft.			ft.			
		ins.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.	ft.
January	-	29° 854	35° 5	34° 7	35° 1	31° 6	38° 4	24° 1	23rd	51° 7	29th	in.	in.	in.	%	%	%
February	-	29° 579	38° 2	38° 6	38° 4	33° 8	43° 9	17° 6	21st	54° 4	24th	*187	*180	*184	87° 8	88° 0	87° 9
March	-	30° 065	37° 8	36° 3	37° 1	31° 5	43° 4	26° 3	31st	51° 8	{ 14th } 20th	*210	*213	*212	89° 3	87° 6	88° 5
April	-	29° 801	44° 2	41° 1	42° 7	35° 6	49° 8	24° 0	4th	64° 8	18th	*188	*184	*186	82° 2	85° 4	83° 8
May	-	29° 743	47° 1	42° 6	44° 9	37° 9	51° 8	29° 1	12th	66° 1	28th	*226	*216	*221	77° 8	82° 8	80° 3
June	-	30° 031	56° 2	51° 7	54° 0	45° 2	62° 8	36° 3	10th	75° 4	4th	*241	*234	*238	74° 4	85° 1	79° 8
July	-	30° 150	60° 6	55° 6	58° 1	49° 3	67° 8	40° 3	1st	79° 3	26th	*326	*314	*320	72° 8	82° 0	77° 4
August	-	—	55° 2	51° 1	53° 2	—	61° 4	—	—	69° 9	16th	*393	*382	*388	74° 1	85° 3	79° 7
September	-	29° 793	52° 9	48° 3	50° 6	42° 4	58° 6	30° 8	26th	66° 5	15th	*355	*333	*344	81° 3	88° 3	84° 8
October	-	694	43° 5	41° 6	42° 6	38° 2	47° 3	30° 0	30th	54° 5	2nd	*324	*305	*315	80° 0	88° 4	84° 2
November	-	29° 895	40° 0	40° 2	40° 1	36° 5	44° 6	21° 5	17th	57° 3	3rd	*242	*235	*239	85° 3	88° 6	87° 0
December	-	30° 138	37° 1	36° 1	36° 6	31° 7	41° 6	19° 4	11th	50° 6	17th	*227	*228	*228	90° 1	89° 7	89° 9
Year	-	—	45° 7	43° 2	44° 5	—	51° 0	—	—	—	—	*188	*191	*190	82° 1	84° 4	83° 3

DURHAM.*

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

1885.		Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of									
		10 a.m.	10 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January	-	8.7	8.0	8.4	ins. 1.967	ins. .380	13th	16	6	0	0	0	19	0	5	6	3	3	15	18	4	3	5	
February	-	7.4	5.0	6.2	0.894	.390	8th	14	2	0	0	3	10	0	1	2	2	0	15	21	7	5	3	
March	-	6.6	5.4	6.0	2.238	.588	4th	12	4	0	0	3	9	1	14	6	2	2	6	9	11	9	3	
April	-	7.9	5.7	6.8	1.522	.410	9th	13	0	0	1	4	15	0	6	13	5	6	7	13	7	1	2	
May	-	7.9	5.0	6.5	3.857	.680	3rd	23	1	1	3	0	10	0	8	8	2	3	8	14	8	8	3	
June	-	7.0	5.6	6.3	1.694	.730	24th	7	0	0	0	4	10	0	4	12	2	0	11	14	6	4	7	
July	-	6.6	5.1	5.9	1.290	.388	3rd	14	0	0	1	3	10	0	3	5	2	2	10	15	8	6	11	
August	-	8.4	7.3	7.9	2.737	1.305	5th	16	0	0	1	0	17	0	11	16	4	2	6	3	6	5	9	
September	-	6.5	5.5	6.0	2.413	.380	4th	17	0	1	1	5	10	0	2	1	1	2	10	18	8	8	10	
October	-	7.5	7.9	7.7	4.542	.757	10th	24	0	2	0	1	18	0	9	8	4	2	3	4	12	8	12	
November	-	8.0	7.8	7.9	1.893	.690	26th	15	1	0	0	1	18	1	2	0	4	4	7	10	5	1	27	
December	-	6.9	5.1	6.0	0.560	.195	9th	10	6	3	0	5	9	5	4	0	0	0	5	12	14	12	15	
Year	-	7.5	6.1	6.8	25.607	—	—	181	20	7	7	29	155	7	69	77	31	26	103	151	96	70	107	

* Observations taken at 10 a.m. and 10 p.m. each day till September 30th, thence at 9 a.m. and 9 p.m.

NEWTON REIGNY (NEAR PENRITH).

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

		9 a.m.	9 p.m.	ins.	ins.	31st	19	4	4	0	2	12	1	3	3	10	17	10	5	4	6	4	
January	-	8.3	5.9	7.1	2.670	700	8th	24	3	0	0	4	13	4	0	0	4	11	15	11	6	3	6
February	-	7.6	5.9	6.8	4.220	730	4th	14	8	1	0	2	9	0	5	2	2	14	5	4	9	10	11
March	-	7.4	5.2	6.3	2.260	1.030	24th	12	0	0	2	6	13	0	4	5	8	15	10	2	7	3	6
April	-	7.2	5.4	6.3	2.260	.900	1st	27	5	3	0	0	16	0	8	3	1	6	15	9	9	3	8
May	-	8.6	7.4	8.0	2.520	.410	7th	11	0	0	0	1	12	0	6	1	1	6	8	12	4	7	15
June	-	7.0	6.4	6.7	1.510	.370	3rd	13	0	0	1	4	9	0	1	4	4	3	12	9	7	3	19
July	-	5.9	5.5	5.7	1.530	.700	5th	11	0	0	2	1	16	0	4	8	6	7	5	3	11	5	13
August	-	8.5	6.5	7.5	2.190	.880	5th	25	1	0	1	1	7	0	0	0	2	10	11	9	13	6	9
September	-	7.7	5.3	6.5	4.310	.550	30th	24	0	1	0	1	15	0	3	6	3	4	1	3	18	9	15
October	-	8.0	7.1	7.6	4.110	.550	26th	12	22	0	0	5	15	0	0	0	13	17	6	7	8	0	9
November	-	7.7	6.1	6.9	2.180	1130	28th	14	3	1	1	5	13	2	1	1	2	5	2	14	17	1	19
December	-	7.7	5.1	6.4	1.750	.330																	
Year	-	7.6	6.0	6.8	31.510	—	—	206	26	10	7	32	150	7	35	33	56	115	100	88	113	56	134

AYSGARTH (YORKSHIRE).

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

							Thermometers, F. Reaumur.															
January - -	8.0	7.7	7.9	ins. 2.830	ins. .770	28th	20	10	0	0	1	18	5	7	12	9	3	7	14	2	2	6
February - -	7.5	5.3	6.4	4.020	.620	8th	23	8	0	0	3	8	6	2	3	1	1	7	15	11	7	9
March - -	6.2	5.1	5.7	2.110	.700	4th	13	8	0	0	5	11	2	6	16	0	4	2	8	11	4	11
April - -	7.1	5.4	6.3	2.080	.610	6th	16	2	0	1	5	11	1	4	15	3	5	5	8	3	8	9
May - -	6.7	6.1	6.4	2.460	.390	1st	22	5	5	4	0	9	1	7	5	2	3	2	16	17	0	10
June - -	6.4	6.5	6.5	2.180	.700	23rd	9	0	0	0	3	11	0	1	11	5	4	4	10	11	5	9
July - -	6.1	5.4	5.8	1.040	.370	19th	5	0	0	1	6	9	1	0	5	5	0	0	16	21	3	12
August - -	8.0	6.7	7.4	1.990	.540	12th	10	0	0	3	0	15	1	3	20	5	1	3	6	7	3	14
September - -	6.7	5.3	6.0	1.320	1.010	30th	25	0	2	2	1	8	2	4	1	2	1	2	20	13	6	11
October - -	7.8	6.8	7.3	6.040	1.130	22nd	25	1	1	0	2	16	4	12	8	5	2	2	7	10	6	10
November - -	8.2	7.8	8.0	2.440	.600	26th	15	2	0	0	0	18	1	2	11	7	4	1	15	6	2	12
December - -	6.0	5.3	5.7	1.700	.330	{ 2nd 30th }	12	5	0	0	4	8	5	8	1	0	3	1	16	22	6	5
Year - -	7.1	6.1	6.6	33.210	—	—	195	41	8	11	30	142	29	56	108	44	31	36	151	134	52	118

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

SCARBOROUGH

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

1885.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.						
January -	ins. 29°861	37°9	37°9	37°9	34°6	40°8	30°4	23rd	53°3	29th	in. 208	in. 206	in. 207	% 90°2	% 89°4	% 89°8
February -	29°608	41°0	41°8	41°4	37°4	46°3	30°0	19th	55°7	24th	234	242	238	90°0	90°1	90°1
March -	30°049	41°0	39°8	40°4	35°6	45°2	31°2	22nd	58°1	20th	218	219	219	85°0	89°0	87°0
April -	29°801	47°1	44°5	45°8	40°5	51°4	32°2	2nd	68°2	19th	269	263	266	82°6	88°9	85°8
May -	29°737	49°0	46°3	47°7	41°7	53°2	35°5	12th	71°6	28th	262	258	260	75°8	82°0	78°9
June -	30°027	57°0	53°9	55°5	49°6	61°6	43°5	11th	79°6	4th	348	353	351	75°7	85°3	80°5
July -	30°155	61°4	58°2	59°8	53°1	66°2	45°0	1st	74°8	11th	418	411	415	77°5	84°4	81°0
August -	29°973	56°4	54°2	55°3	51°4	60°6	42°9	14th	71°7	16th	369	344	357	81°0	81°5	81°3
September -	805	54°7	53°0	53°9	48°4	60°3	38°3	26th	70°0	15th	360	348	354	83°4	85°7	84°6
October -	663	46°6	45°1	45°9	41°8	50°2	38°1	28th	56°2	{ 1st 3rd 7th 2nd	284	272	278	89°4	90°5	90°0
November -	29°896	44°1	44°2	44°2	40°9	47°0	33°9	6th	56°5	2nd	265	266	266	90°7	91°0	90°9
December -	30°111	38°9	39°3	39°1	34°6	43°1	25°0	11th	51°3	17th	216	218	217	90°1	88°9	89°5
Year -	29°891	47°9	46°5	47°2	42°5	52°2	—	—	—	—	288	283	286	84°3	87°2	85°8

CRONKBOURNE (DOUGLAS), ISLE OF MAN

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

1885.	ins.	9 a.m.	9 p.m.	Mean.	Means of						in.	in.	in.	%	%	%
					Min.	Max.	Min.	Day.	Max.	Day.						
January -	29°804	40°1	39°5	39°8	36°7	42°2	31°9	14th	49°6	10th	in. 225	in. 216	in. 221	89°3	87°5	88°4
February -	29°530	41°8	40°9	41°4	37°3	45°5	27°6	20th	50°9	25th	249	245	247	92°3	93°3	92°8
March -	30°052	41°9	40°0	41°0	34°8	45°8	28°6	15th	51°6	20th	242	229	236	89°1	92°0	90°6
April -	29°773	46°2	42°9	44°6	39°3	49°6	29°6	3rd	59°2	18th	268	254	261	85°6	91°3	88°5
May -	29°740	48°8	44°9	46°9	40°7	53°0	32°6	7th	59°3	31st	288	271	280	83°0	89°7	86°4
June -	30°032	56°4	51°3	53°9	45°8	60°7	37°4	6th	70°1	28th	397	348	373	87°5	92°2	89°9
July -	30°138	59°8	56°1	58°0	50°4	64°9	40°4	9th	77°9	24th	449	427	438	86°5	94°4	90°5
August -	29°967	58°0	53°3	55°7	48°5	61°6	34°6	14th	69°4	22nd	415	375	395	85°9	91°7	88°8
September -	780	55°0	51°7	53°4	46°9	58°3	33°3	27th	62°4	3rd	376	362	369	85°7	92°5	89°1
October -	712	47°3	44°8	46°1	40°8	50°2	28°3	25th	55°6	1st	282	273	278	86°2	91°5	88°9
November -	29°844	44°9	44°7	44°8	40°7	49°7	31°2	15th	54°2	7th	255	259	257	84°3	86°1	85°2
December -	30°136	41°6	41°0	41°3	37°3	45°1	25°0	8th	53°5	16th	245	244	245	91°0	92°5	91°8
Year -	29°876	48°5	45°9	47°2	41°6	52°1	—	—	—	—	308	292	300	87°2	91°2	89°2

YORK (THE MUSEUM)

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

1885.	ins.	9 a.m.	9 p.m.	Mean.	Means of						in.	in.	in.	%	%	%
					Min.	Max.	Min.	Day.	Max.	Day.						
January -	29°871	36°3	37°0	36°7	33°3	40°4	23°0	14th	54°0	29th	in. 200	in. 198	in. 199	94	90	92
February -	29°615	40°1	41°3	40°7	35°5	47°3	23°2	21st	57°0	24th	223	232	228	90	90	90
March -	30°070	38°6	39°2	38°9	32°8	46°9	27°0	15th	54°3	14th	194	201	198	83	84	84
April -	29°810	46°3	45°0	45°7	37°8	53°8	27°0	3rd	67°3	19th	232	235	234	74	79	77
May -	29°760	48°4	45°8	47°1	39°7	55°8	30°0	7th	72°0	28th	252	255	254	75	83	79
June -	30°041	57°6	54°3	56°0	47°6	65°5	37°9	27th	80°8	4th	332	336	334	70	79	75
July -	30°167	61°4	58°5	60°0	50°9	70°1	41°8	29th	85°0	25th	409	411	410	76	83	80
August -	29°985	55°7	54°2	55°0	49°2	63°3	39°0	14th	73°4	16th	353	348	351	79	83	81
September -	819	53°2	51°8	52°5	45°0	62°1	30°0	26th	71°8	15th	328	336	332	81	87	84
October -	686	45°3	44°3	44°8	39°5	50°8	30°5	12th	57°5	2nd	257	254	256	85	87	86
November -	29°902	42°2	42°7	42°5	37°7	46°9	23°7	18th	59°0	3rd	239	248	244	90	90	90
December -	30°148	36°8	37°9	37°4	32°0	43°2	15°2	11th	53°0	31st	197	209	203	91	92	92
Year -	29°906	46°8	46°0	46°4	40°1	53°8	—	—	—	—	268	272	270	82°3	85°6	84°0

MONTHLY SUMMARIES.—SCARBOROUGH—CRONKBOURNE—YORK.

SCARBOROUGH.

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

1885.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January -	7°8	6°2	7°0	ins. 1°970	ins. 350	12th	18	4	3	0	2	13	1	2	8	4	8	4	19	11	1	5
February -	7°0	6°0	6°5	1°540	470	4th	18	4	0	0	2	10	0	2	4	1	4	3	19	16	4	3
March -	6°9	6°3	6°6	1°520	350	4th	14	5	3	0	3	14	0	12	9	2	9	1	4	7	17	1
April -	6°4	5°7	6°1	2°150	400	9th	17	0	1	1	5	10	0	5	13	5	9	3	13	6	1	5
May -	5°6	5°7	5°7	1°930	440	3rd	19	4	2	2	1	7	0	6	9	4	6	5	11	10	11	0
June -	6°1	6°8	6°5	2°840	720	23rd	14	0	0	1	1	11	0	8	6	7	8	1	14	10	5	1
July -	5°5	5°8	5°7	0°860	330	19th	7	0	0	0	5	10	0	7	5	4	3	6	20	11	4	2
August -	8°1	6°6	7°4	2°270	790	7th	14	0	0	1	1	13	0	12	12	5	3	2	10	6	10	2
September -	5°4	6°1	5°8	2°530	400	26th	19	0	1	2	2	7	0	8	2	0	6	5	15	15	7	2
October -	7°5	6°3	6°9	4°860	960	23rd	24	0	1	0	5	16	1	15	8	7	5	1	7	10	9	0
November -	8°2	8°0	8°1	1°490	420	26th	13	0	2	0	1	20	0	2	3	18	9	2	12	11	2	1
December -	6°2	4°4	5°3	1°090	270	30th	17	5	2	0	2	5	0	11	5	0	0	2	15	19	10	0
Year -	6°7	6°2	6°5	25°050	—	—	194	22	15	7	30	136	2	90	84	57	70	35	159	132	81	22

CRONKBOURNE (DOUGLAS), ISLE OF MAN.

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

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OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

STONYHURST

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

1885.	Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
					Min.	Max.	Min.	Day.	Max.	Day.							
	ins.										in.	in.	in.	%	%	%	
January -	29.846	36.8	36.5	36.7	32.6	42.7	23.0	21st	52.0	29th	.191	.180	.186	84.4	81.1	82.8	
February -	29.604	40.3	40.4	40.4	35.8	47.1	24.2	21st	55.2	24th	.217	.222	.220	85.3	85.9	85.6	
March -	30.079	38.4	38.5	38.5	32.6	46.2	26.8	23rd	50.6	20th	.188	.191	.190	80.2	81.1	80.7	
April -	29.810	45.6	43.3	44.5	37.2	51.7	28.1	3rd	60.9	19th	.232	.223	.228	75.1	78.6	76.9	
May -	29.772	48.4	45.0	46.7	39.6	53.6	31.2	12th	63.7	27th	.251	.254	.253	73.7	84.1	78.9	
June -	30.055	57.5	53.9	55.7	46.8	64.0	39.7	10th	72.2	3rd	.330	.335	.333	70.1	80.4	75.3	
July -	30.182	60.7	57.3	59.0	51.3	67.2	42.8	14th	79.4	24th	.399	.390	.395	75.0	82.2	78.6	
August -	29.998	56.1	53.1	54.6	48.3	62.7	38.8	15th	71.8	1st	.333	.328	.331	73.7	80.9	77.3	
September -	.835	53.0	50.7	51.9	44.0	59.1	32.3	26th	65.9	15th	.324	.315	.320	79.5	83.3	81.4	
October -	.714	44.6	43.9	44.3	39.3	49.5	31.2	25th	58.0	1st	.246	.237	.242	82.9	82.0	82.5	
November -	29.902	41.4	41.9	41.7	37.3	46.1	30.1	{ 17th 23rd }	56.1	3rd	.230	.234	.232	86.2	86.3	86.3	
December -	30.174	37.4	38.2	37.8	33.1	44.0	19.9	11th	51.3	4th	.200	.208	.204	86.1	86.3	86.2	
Year -	29.914	46.7	45.2	46.0	39.8	52.8	—	—	—	—	.262	.260	.261	79.4	82.7	81.1	

WAKEFIELD

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

		ins.										in.	in.	in.	%	%	%
January	-	29.866	37.1	37.1	37.1	33.4	40.7	25.0	22nd	54.9	29th	.217	.216	.217	95.6	95.7	95.7
February	-	29.612	41.4	41.3	41.4	35.8	47.5	20.1	21st	58.6	24th	.250	.245	.248	93.7	91.9	92.8
March	-	30.073	39.3	38.3	38.8	33.4	46.2	24.0	14th	53.4	20th	.210	.210	.210	86.9	90.2	88.6
April	-	29.805	46.5	44.0	45.3	37.4	52.8	22.2	4th	67.8	19th	.267	.257	.262	83.8	88.7	86.3
May	-	29.763	48.9	46.1	47.5	40.0	55.0	30.3	13th	71.0	28th	.287	.283	.285	82.5	90.1	86.3
June	-	30.037	58.4	55.6	57.0	46.9	65.3	33.5	27th	83.2	4th	.385	.382	.384	79.0	86.2	82.6
July	-	30.161	62.0	58.5	60.3	50.0	69.6	38.8	29th	84.4	26th	.469	.445	.457	83.9	89.9	86.9
August	-	29.983	56.3	53.4	54.9	48.4	63.2	35.4	15th	72.2	16th	.357	.357	.357	79.0	87.3	83.2
September	-	.818	54.7	51.5	53.1	44.3	61.1	33.0	28th	71.8	15th	.347	.344	.346	80.5	88.6	84.6
October	-	.687	45.6	44.3	45.0	39.6	50.0	31.8	25th	57.8	2nd	.265	.262	.264	86.2	89.8	88.0
November	-	29.897	42.2	42.8	42.5	37.5	47.4	22.2	17th	59.8	3rd	.251	.254	.253	92.1	90.9	91.5
December	-	30.153	38.5	39.3	38.9	32.8	44.1	20.7	11th	53.2	3rd	.221	.231	.226	93.1	93.3	93.2
Year	-	29.905	47.6	46.0	46.8	40.0	53.6	—	—	—	—	.294	.291	.293	86.4	90.2	88.3

PRESTWICH (NEAR MANCHESTER)

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

	ins.										in.	in.	in.	%	%	%
January -	29.855	36.3	36.2	36.3	33.0	40.3	24.3	22nd	52.5	29th	.195	.191	.193	88.5	87.5	88.0
February -	29.604	40.5	40.2	40.4	36.3	46.3	25.6	21st	57.6	24th	.234	.234	.234	91.5	92.0	91.8
March -	30.074	38.7	38.3	38.5	33.7	45.4	27.8	7th	52.1	4th	.201	.200	.201	84.8	85.8	85.3
April -	29.794	45.3	43.6	44.5	37.9	51.8	28.6	4th	64.3	19th	.232	.225	.229	76.2	78.8	77.5
May -	29.760	47.8	44.6	46.2	39.9	53.6	31.3	12th	63.8	28th	.242	.247	.245	72.4	83.1	77.8
June -	30.030	57.3	53.8	55.6	47.8	64.4	40.9	2nd	79.0	4th	.328	.338	.333	70.4	81.8	76.1
July -	30.161	59.7	56.9	58.3	51.2	68.6	41.8	14th	80.6	26th	.403	.408	.406	78.5	87.1	82.8
August -	29.979	55.1	52.8	54.0	48.6	62.9	39.1	15th	71.8	25th	.344	.338	.341	79.2	84.2	81.7
September -	.821	52.6	50.4	51.5	45.5	60.8	33.6	26th	67.7	14th	.333	.332	.333	83.3	89.2	86.3
October -	.696	44.2	43.0	43.6	39.1	48.8	31.2	12th	56.1	2nd	.249	.246	.248	85.2	87.9	86.6
November -	29.886	41.3	41.6	41.5	37.8	46.4	30.2	16th	56.5	3rd	.239	.240	.240	90.0	89.5	89.8
December -	30.173	37.1	38.0	37.6	33.5	43.3	20.0	23rd	53.5	1st	.208	.215	.212	91.7	91.5	91.6
Year -	29.903	46.3	45.0	45.7	40.4	52.7	—	—	—	—	.267	.268	.268	82.6	86.5	84.6

MONTHLY SUMMARIES.—STONYHURST—WAKEFIELD—PRESTWICH.

STONYHURST.

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

1885.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	8.9	8.4	8.7	3.324	1.058	28th	14	1	0	0	0	22	0	3	9	12	4	10	7	6	4	7
February -	9.5	7.4	8.5	3.012	.515	23rd	24	3	2	2	0	20	1	0	5	3	2	12	15	5	2	12
March -	7.3	6.0	6.7	3.412	.945	31st	18	2	4	0	2	12	0	2	16	4	2	5	8	9	2	14
April -	7.4	7.1	7.3	1.766	.298	22nd	16	0	0	1	4	18	0	4	17	3	3	6	8	4	4	11
May -	8.9	7.9	8.4	2.048	.330	15th	23	0	5	1	0	21	0	4	7	1	2	9	13	14	3	9
June -	7.2	6.5	6.9	3.882	.750	23rd	12	0	0	1	4	16	0	6	9	1	4	2	13	10	2	13
July -	7.4	6.0	6.7	2.321	.773	19th	10	0	0	1	3	14	0	1	9	3	0	3	14	12	1	19
August -	8.3	7.5	7.9	2.591	1.230	12th	10	0	0	2	3	20	0	4	15	3	0	5	6	5	1	23
September -	8.3	6.9	7.6	5.512	.720	14th	23	0	3	3	1	15	0	5	2	2	0	8	11	10	2	20
October -	8.8	7.3	8.1	5.509	.610	25th	23	0	2	0	1	20	0	10	10	4	1	0	8	12	6	11
November -	8.3	7.5	7.9	3.768	.865	2nd	13	0	1	0	2	20	0	0	10	9	3	2	7	9	3	17
December -	8.2	8.0	8.1	2.663	.980	30th	13	4	0	0	4	24	0	1	4	2	1	1	6	19	8	20
Year -	8.2	7.2	7.7	39.808	—	—	199	10	17	11	24	222	1	40	113	47	22	63	116	115	38	176

WAKEFIELD.

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

				ins.	ins.																			
January	-	8.8	8.5	8.7	1.270	.350	10th	18	2	0	0	0	22	1	3	4	9	14	12	11	4	5	0	
February	-	8.8	6.6	7.7	2.110	.380	16th	20	1	0	0	1	13	3	4	1	0	5	18	18	7	3	0	
March	-	6.5	6.5	6.5	1.430	.300	4th	14	0	1	0	2	13	3	14	2	6	5	6	7	12	10	0	
April	-	7.1	7.2	7.2	2.010	.420	6th	14	0	1	1	3	14	1	12	10	10	6	9	8	4	1	0	
May	-	7.2	7.2	7.2	1.850	.270	3rd	20	0	1	2	0	15	3	14	2	1	4	11	11	13	6	0	
June	-	6.1	5.4	5.8	2.530	.590	23rd	11	0	0	1	2	9	1	14	3	10	3	6	7	11	6	0	
July	-	6.0	4.7	5.4	0.790	.540	19th	6	0	0	0	7	9	0	0	2	13	3	5	11	23	5	0	
August	-	7.8	7.4	7.6	1.070	.260	6th	10	0	0	2	2	18	4	9	9	8	4	6	10	6	4	6	
September	-	5.9	4.9	5.4	2.120	.400	2nd	19	0	0	1	2	5	2	7	1	5	0	14	16	11	6	0	
October	-	8.0	6.8	7.4	4.860	1.140	23rd	26	0	0	1	1	15	6	15	3	5	0	7	5	16	11	0	
November	-	9.1	7.8	8.5	2.100	.550	26th	18	0	0	0	0	21	0	6	6	20	2	13	5	4	4	0	
December	-	6.2	6.5	6.4	0.720	.240	4th	11	2	0	1	3	10	4	6	0	0	5	7	11	27	6	0	
Year	-	7.3	6.6	7.0	22.860	—	—	187	5	3	9	23	164	28	104	43	87	51	114	120	138	67	6	

LLANDUDNO

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

1885.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.				
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.		
					Min.	Max.	Min.	Day.	Max.	Day.								
	ins.												in.	in.	in.	%	%	%
January - -	29.826	40.1	40.0	40.1	36.8	43.7	27.0	21st	55.2	29th	21.9	21.2	21.6	86.5	83.9	85.2		
February - -	29.582	44.0	42.9	43.5	38.7	48.0	29.2	21st	57.2	24th	24.0	23.1	23.6	82.3	82.5	82.4		
March - -	30.087	42.0	41.7	41.9	36.6	47.0	30.5	2nd	55.6	26th	21.1	21.1	21.1	78.7	80.0	79.4		
April - -	29.790	47.6	45.2	46.4	40.3	51.6	32.0	3rd	61.2	19th	24.1	23.9	24.0	73.0	79.1	76.1		
May - -	29.770	50.3	47.3	48.8	42.7	54.4	36.8	7th	64.5	27th	26.1	26.1	26.1	71.7	79.9	75.8		
June - -	30.052	58.6	54.9	56.8	49.9	62.1	45.2	10th	74.0	3rd	35.5	34.4	35.0	72.6	79.6	76.1		
July - -	30.166	61.7	59.1	60.4	53.9	66.2	45.0	14th	75.5	26th	41.2	41.3	41.3	74.9	82.3	78.6		
August - -	29.987	58.1	56.1	57.1	51.3	62.3	44.0	15th	69.0	16th	36.4	36.3	36.4	75.2	80.3	77.8		
September - -	.826	56.7	54.1	55.4	49.6	60.8	40.2	26th	66.8	5th	35.8	34.3	35.1	77.3	80.9	79.1		
October - -	.729	47.7	47.0	47.4	43.1	50.9	36.2	12th	57.2	2nd	26.2	26.9	26.6	79.3	83.4	81.4		
November - -	29.860	44.4	44.6	44.5	39.8	48.6	31.0	16th	58.8	3rd	25.3	25.5	25.4	85.1	85.1	85.1		
December - -	30.171	42.2	41.8	42.0	37.2	46.1	26.2	8th	55.0	16th	22.9	22.8	22.9	83.8	84.3	84.1		
Year - -	29.904	49.5	47.9	48.7	43.3	53.5	—	—	—	—	28.4	28.1	28.3	78.4	81.8	80.1		

BUXTON

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

1885.	ins.	9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	in.	in.	in.	%	%	%
January	—	34.0	—	—	30.0	37.3	20.0	22nd	49.0	28th	18.4	—	—	91.6	—	—
February	—	38.5	—	—	32.9	44.1	12.2	20th	55.0	24th	21.1	—	—	88.9	—	—
March	30.087	37.0	35.7	36.4	30.3	43.5	22.6	1st	50.5	17th	19.1	18.9	19.0	85.9	89.9	87.9
April	29.808	43.2	40.7	42.0	33.9	50.7	20.8	4th	65.4	19th	22.7	22.1	22.4	81.6	86.9	84.3
May	29.773	45.8	42.0	43.9	36.9	52.2	26.8	14th	65.9	27th	23.8	23.5	23.7	77.5	87.7	82.6
June	30.040	55.8	51.7	53.8	44.3	63.7	31.3	27th	78.3	4th	32.2	32.9	32.6	73.3	85.8	79.6
July	30.172	60.3	55.0	57.7	48.2	67.8	37.8	13th	81.6	25th	38.1	37.7	37.9	73.0	86.8	79.9
August	29.992	52.7	49.7	51.2	45.0	60.0	35.4	19th	70.5	25th	33.3	31.8	32.6	83.5	89.0	86.3
September	29.848	50.5	47.9	49.2	41.8	58.7	28.8	28th	67.1	15th	30.4	31.3	30.9	82.5	92.0	87.3
October	29.707	41.7	41.1	41.4	36.7	46.4	26.2	30th	56.3	15th	23.2	23.8	23.5	87.6	91.3	89.5
November	29.904	38.8	39.2	39.0	35.1	43.7	18.1	16th	56.5	2nd	21.6	23.1	22.4	90.8	94.4	92.6
December	30.184	35.9	36.3	36.1	30.4	41.0	16.8	8th	50.1	17th	19.8	20.5	20.2	92.6	92.8	92.7
Year	—	44.5	—	—	37.1	50.8	—	—	—	—	25.3	—	—	84.1	—	—

CHEADLE (STAFFORDSHIRE)

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

1885.	ins.	9 a.m.	9 p.m.	Mean.	Min.	Max.	Min.	Day.	Max.	Day.	in.	in.	in.	%	%	%
January	29.875	34.0	34.3	34.2	31.2	38.1	23.0	21st	50.1	19th	18.3	18.4	18.4	93	93	93
February	29.646	38.9	39.3	39.1	34.6	46.2	25.0	21st	56.9	24th	22.0	22.2	22.1	93	93	93
March	30.085	37.5	37.0	37.3	32.6	44.6	26.5	19th	52.1	4th	19.1	19.6	19.4	85	89	87
April	29.801	43.8	43.1	43.5	37.3	52.2	28.4	4th	67.7	21st	23.1	23.1	23.1	81	83	82
May	29.780	46.3	43.8	45.1	38.4	53.2	30.6	8th	65.4	28th	25.6	24.6	25.1	81	86	84
June	30.040	56.1	54.1	55.1	47.3	63.7	40.3	27th	78.1	4th	35.5	35.5	35.5	79	85	82
July	30.192	59.1	57.3	58.2	51.4	68.2	43.2	13th	82.8	25th	40.6	42.1	41.4	81	90	86
August	—	53.5	52.7	53.1	47.7	61.5	39.7	14th	70.8	16th	34.2	34.6	34.4	83	87	85
September	—	51.6	50.3	51.0	44.9	59.8	34.5	28th	67.3	14th	32.8	31.6	32.2	86	87	87
October	29.716	42.7	42.3	42.5	37.8	48.3	30.6	12th	56.9	1st	24.3	24.3	24.3	89	90	90
November	29.912	39.7	40.4	40.1	36.3	44.9	28.8	15th	53.9	29th	23.0	23.2	23.1	94	92	93
December	30.196	35.9	37.4	36.7	32.1	42.1	21.0	11th	49.9	4th	19.6	21.2	20.4	93	95	94
Year	—	44.9	44.3	44.6	39.3	51.9	—	—	—	—	26.5	26.7	26.6	86.5	89.2	87.9

LLANDUDNO.

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

1885.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	8.1	6.8	7.5	ins.	ins.	31st	15	0	0	0	2	15	5	3	7	7	10	10	13	11	1	0	
February -	8.6	5.3	7.0	2.308	.497	21st	20	1	1	0	0	10	5	8	1	5	0	4	22	16	0	0	
March -	5.9	5.5	5.7	1.882	.280	20th	12	1	0	0	6	10	1	6	17	2	4	7	8	12	6	0	
April -	6.1	6.0	6.1	1.310	.274	6th	12	0	1	1	5	13	0	5	6	12	3	4	13	10	7	0	
May -	7.0	7.3	7.2	1.084	.260	10th	11	0	3	0	1	16	0	4	3	7	2	5	8	22	11	0	
June -	5.6	5.8	5.7	0.946	.316	6th	8	0	0	0	5	8	0	11	7	5	0	1	7	19	10	0	
July -	6.5	5.8	6.2	1.569	.633	19th	7	0	0	0	5	12	0	3	2	7	2	5	8	22	13	0	
August -	7.5	5.6	6.6	0.911	.176	5th	10	0	0	1	3	13	2	6	6	16	4	4	11	8	7	0	
September -	7.4	5.2	6.3	2.958	.750	30th	19	0	1	1	1	9	2	2	4	1	1	7	14	24	7	0	
October -	8.0	6.5	7.3	4.654	.890	6th	20	0	1	0	0	14	6	6	13	12	1	1	4	20	5	0	
November	8.0	7.5	7.8	2.543	.600	27th	11	0	2	0	4	21	0	0	4	11	12	4	10	17	2	0	
December	7.9	6.5	7.2	1.334	.400	30th	8	1	0	0	2	17	3	5	6	3	2	3	15	24	4	0	
Year	7.2	6.2	6.7	22.825	—	—	153	3	9	3	34	158	24	59	76	88	41	55	133	205	73	0	

BUXTON.

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

|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

HILLINGTON (NORFOLK)

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

1885.		Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
			9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
						Min.	Max.	Min.	Day.	Max.	Day.						
		ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	-	29.893	34.8	35.9	35.4	32.1	39.7	24.1	14th	53.4	29th	19.3	20.3	19.8	93.1	94.6	93.9
February	-	29.683	41.2	41.5	41.4	36.3	47.9	22.2	21st	58.1	24th	25.2	25.9	25.6	95.7	96.9	96.3
March	-	30.072	40.8	36.9	38.9	31.6	48.6	25.0	22nd	56.5	30th	23.6	21.0	22.3	92.3	95.0	93.7
April	-	29.806	49.1	43.0	46.1	38.0	55.9	25.9	5th	72.4	21st	31.5	26.6	29.1	89.2	94.3	91.8
May	-	29.782	50.3	44.9	47.6	39.1	56.6	28.7	8th	74.5	28th	31.8	28.4	30.1	86.5	93.3	89.9
June	-	30.034	60.3	53.7	57.0	47.5	67.8	34.8	11th	84.4	4th	40.6	37.0	38.8	76.9	88.5	82.7
July	-	30.173	64.3	57.1	60.7	50.2	72.9	42.1	1st	88.1	25th	42.4	39.9	41.2	70.8	85.3	78.1
August	-	29.975	59.0	53.5	56.3	48.8	65.5	37.1	14th	76.6	10th	36.6	35.3	36.0	73.5	86.0	79.8
September	-	29.860	55.5	51.2	53.4	45.8	62.9	32.1	27th	76.8	15th	36.6	33.7	35.2	82.9	88.6	85.8
October	-	29.677	45.2	44.3	44.8	38.7	51.2	30.0	30th	62.8	16th	26.7	26.6	26.7	88.4	90.5	89.5
November	-	29.915	42.0	41.4	41.7	37.0	46.5	26.3	18th	55.7	29th	24.6	24.3	24.5	90.5	91.5	91.0
December	-	30.176	36.8	37.0	36.9	32.1	42.1	15.5	11th	50.4	17th	19.9	20.2	20.1	88.9	90.2	89.6
Year	-	29.921	48.3	45.0	46.7	39.8	54.8	—	—	—	—	29.9	28.3	29.1	85.7	91.2	88.5

LEICESTER

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

		1885.														
		Air Temperature.														
		Tension of Vapour.														
		Relative Humidity.														
		Direction and Force of Wind.														
		Rainfall.														
		State of Sky.														
		Direction and Force of Current.														
		Direction and Force of Surface Current.														
		Direction and Force of Under Current.														
		Direction and Force of Tidal Current.														
		Direction and Force of Drift Current.														
		Direction and Force of Longshore Current.														
		Direction and Force of Cross Current.														
		Direction and Force of Helical Current.														
		Direction and Force of Transverse Current.														
		Direction and Force of Longitudinal Current.														
		Direction and Force of Diagonal Current.														
		Direction and Force of Oblique Current.														
		Direction and Force of Perpendicular Current.														
		Direction and Force of Parallel Current.														
		Direction and Force of Antiparallel Current.														
		Direction and Force of Convergent Current.														
		Direction and Force of Divergent Current.														
		Direction and Force of Rotational Current.														
		Direction and Force of Irrotational Current.														
		Direction and Force of Potential Current.														
		Direction and Force of Non-potential Current.														
		Direction and Force of Conservative Current.														
		Direction and Force of Non-conservative Current.														
		Direction and Force of Solenoidal Current.														
		Direction and Force of Non-solenoidal Current.														
		Direction and Force of Divergent Solenoidal Current.														
		Direction and Force of Convergent Solenoidal Current.														
		Direction and Force of Rotational Solenoidal Current.														
		Direction and Force of Irrotational Solenoidal Current.														
		Direction and Force of Potential Solenoidal Current.														
		Direction and Force of Non-potential Solenoidal Current.														
		Direction and Force of Conservative Solenoidal Current.														
		Direction and Force of Non-conservative Solenoidal Current.														
		Direction and Force of Solenoidal Non-conservative Current.														
		Direction and Force of Non-solenoidal Non-conservative Current.														
		Direction and Force of Solenoidal Non-potential Current.														
		Direction and Force of Non-solenoidal Non-potential Current.														
		Direction and Force of Solenoidal Non-conservative Non-potential Current.														
		Direction and Force of Non-solenoidal Non-conservative Non-potential Current.														
		Direction and Force of Solenoidal Non-conservative Non-potential Non-solenoidal Current.														
		Direction and Force of Non-solenoidal Non-conservative Non-potential Non-solenoidal Current.														
		Direction and Force of Solenoidal Non-conservative Non-potential Non-solenoidal Non-solenoidal Current.														
		Direction and Force of Non-solenoidal Non-conservative Non-potential Non-solenoidal Non-solenoidal Current.														
		Direction and Force of Solenoidal Non-conservative Non-potential Non-solenoidal Non-solenoidal Non-solenoidal Current.														
		Direction and Force of Non-solenoidal Non-conservative Non-potential Non-solenoidal Non-solenoidal Non-solenoidal Current.														
		Direction and Force of Solenoidal Non-conservative Non-potential Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Current.														
		Direction and Force of Non-solenoidal Non-conservative Non-potential Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Current.														
		Direction and Force of Solenoidal Non-conservative Non-potential Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Current.														
		Direction and Force of Non-solenoidal Non-conservative Non-potential Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Current.														
		Direction and Force of Solenoidal Non-conservative Non-potential Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Current.														
		Direction and Force of Non-solenoidal Non-conservative Non-potential Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Current.														
		Direction and Force of Solenoidal Non-conservative Non-potential Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Current.														
		Direction and Force of Non-solenoidal Non-conservative Non-potential Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Current.														
		Direction and Force of Solenoidal Non-conservative Non-potential Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Current.														
		Direction and Force of Non-solenoidal Non-conservative Non-potential Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Current.														
		Direction and Force of Solenoidal Non-conservative Non-potential Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Non-solenoidal Current.														
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UPPINGHAM

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

1885.																			
		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.		
		ins.		°		°		°		°		°		°		°		°	
January	-	29.884	34.1	34.6	34.4	31.2	38.0	20.3	22nd	50.7	29th	in. 184	in. 187	in. 186	91.4	91.0	91.2		
February	-	29.663	40.1	40.2	40.2	35.8	46.9	24.0	21st	56.7	24th	227	228	228	89.7	89.0	89.4		
March	-	30.083	38.3	37.2	37.8	32.7	46.5	27.3	2nd	53.9	30th	197	191	194	84.2	85.2	84.7		
April	-	29.798	46.3	43.1	44.7	37.7	54.8	27.1	5th	69.5	21st	255	240	248	81.0	86.0	83.5		
May	-	29.781	48.3	44.4	46.4	39.2	56.1	32.1	8th	67.6	28th	281	276	279	82.0	93.2	87.6		
June	-	30.036	58.6	54.2	56.4	48.0	68.5	39.2	11th	82.8	14th	400	379	390	80.1	88.9	84.5		
July	-	30.170	63.0	58.7	60.9	52.2	74.0	45.3	1st	90.3	26th	416	395	406	72.1	79.6	75.9		
August	-	29.982	56.2	52.7	54.5	48.8	64.5	41.3	14th	74.1	16th	378	356	367	83.4	89.1	86.3		
September	-	29.859	53.3	50.3	51.8	45.8	61.5	32.9	26th	72.1	15th	357	339	348	86.7	91.4	89.1		
October	-	29.692	43.5	42.6	43.1	38.2	49.5	32.0	30th	60.1	16th	256	255	256	90.1	92.8	91.5		
November	-	29.913	40.0	40.1	40.1	36.5	45.5	27.5	18th	55.1	28th	236	237	237	94.0	93.3	93.7		
December	-	30.194	36.1	37.1	36.6	32.7	41.7	20.4	11th	50.3	17th	195	208	202	89.0	91.2	90.1		
Year	-	29.921	46.5	44.6	45.6	39.9	54.0	—	—	—	—	282	274	278	85.3	89.2	87.3		

HILLINGTON (NORFOLK).

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

1885.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	7.8	7.5	7.7	2.846	8.00	12th	22	5	0	0	5	22	4	2	5	6	17	8	19	0	5	0
February	8.2	6.7	7.5	2.032	4.48	16th	17	1	0	0	0	16	0	2	2	4	2	15	22	7	2	0
March	6.8	5.5	6.2	0.930	3.10	3rd	10	5	3	0	2	9	1	8	19	3	8	4	11	3	6	0
April	7.0	4.4	5.7	1.451	4.36	8th	11	0	0	0	6	10	1	7	15	8	10	5	11	1	3	0
May	7.5	6.7	7.1	2.914	6.28	5th	22	1	5	6	0	14	0	2	11	2	5	5	17	7	13	0
June	6.4	6.2	6.3	1.728	6.67	8th	11	0	0	1	5	11	2	3	23	4	4	5	13	2	6	0
July	6.5	6.2	6.4	0.812	5.50	11th	9	0	0	0	1	9	0	5	17	6	5	9	10	7	3	0
August	7.6	6.3	7.0	1.831	5.80	7th	9	0	1	2	2	13	2	8	16	9	4	0	12	1	12	0
September	6.8	5.7	6.3	4.409	6.72	2nd	23	0	2	2	2	9	1	7	5	2	3	1	21	10	11	0
October	7.0	7.3	7.2	5.407	10.20	6th	27	0	0	1	2	13	3	6	5	7	6	0	14	9	15	0
November	8.3	7.0	7.7	3.538	7.50	3rd	17	0	0	0	2	17	0	0	9	14	11	4	16	2	4	0
December	7.4	6.8	7.1	1.378	4.24	30th	17	7	1	0	3	15	2	4	5	0	4	4	23	10	12	0
Year	7.3	6.4	6.9	29.276	—	—	195	19	12	12	30	158	16	54	132	65	79	60	189	59	92	0

LEICESTER.

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

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CHURCHSTOKE

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

1885.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.						
January -	ins. 29.875	36.9	36.2	36.6	32.4	40.2	24.7	22nd	52.7	29th	204	190	197	90.8	87.5	89.2
February -	29.652	41.4	40.2	40.8	36.1	47.3	23.3	21st	59.3	24th	232	223	228	87.6	87.3	87.5
March -	30.113	39.1	37.5	38.3	31.9	46.0	24.5	23rd	53.9	15th	199	195	197	82.6	86.7	84.7
April -	29.813	44.3	41.4	42.9	35.0	52.4	24.7	3rd	68.3	19th	236	222	229	80.7	85.0	82.9
May -	29.807	47.5	43.4	45.5	38.2	53.7	28.0	12th	62.0	27th	258	252	255	78.5	89.2	83.9
June -	30.062	57.2	53.3	55.3	46.2	64.8	36.3	27th	80.3	4th	394	370	382	83.8	90.3	87.1
July -	191	60.2	56.1	58.2	48.4	69.6	36.7	1st	83.1	26th	424	399	412	80.7	88.0	84.4
August -	30.001	55.5	52.4	54.0	46.4	63.8	37.0	15th	73.7	16th	364	342	353	82.6	86.7	84.7
September -	29.863	54.2	50.2	52.2	44.0	60.9	28.8	28th	69.4	15th	342	330	336	81.0	89.0	85.0
October -	747	45.1	43.0	44.1	37.8	49.9	28.1	12th	57.1	3rd	254	246	250	84.2	88.5	86.4
November -	29.908	41.2	41.7	41.5	36.3	46.4	23.4	18th	58.3	3rd	240	244	242	90.6	90.6	90.6
December -	30.226	37.4	38.2	37.8	32.1	43.4	18.4	11th	53.1	4th	205	213	209	89.7	88.7	89.2
Year -	29.938	46.7	44.5	45.6	38.7	53.2	—	—	—	—	279	269	274	84.4	88.1	86.3

GELDESTON (BECCLES)

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

January -	ins. 29.903	35.7	37.0	36.4	32.6	40.2	21.9	25th	50.8	29th	193	193	198	90.6	90.7	90.7
February -	29.711	41.5	42.8	42.2	37.9	47.9	30.8	19th	55.9	12th	242	248	245	89.0	89.0	89.0
March -	30.068	41.3	37.6	39.5	32.5	47.3	26.0	22nd	56.6	20th	208	195	202	80.1	86.0	83.1
April -	29.802	49.4	43.6	46.5	38.7	53.9	26.0	5th	71.9	21st	264	248	256	75.0	87.0	81.0
May -	29.787	50.8	46.4	48.6	40.2	56.1	30.7	15th	74.0	28th	280	278	279	74.5	86.7	80.6
June -	30.030	60.4	54.6	57.5	48.7	65.4	38.0	11th	81.0	5th	376	373	375	71.6	86.8	79.2
July -	30.174	63.5	58.2	60.9	50.5	69.0	40.5	1st	79.9	11th	415	416	416	70.8	85.4	78.1
August -	29.973	60.0	54.7	57.4	49.3	64.4	38.3	14th	75.9	16th	358	354	356	69.2	82.3	75.8
September -	870	55.8	53.2	54.5	46.8	62.4	31.8	27th	73.3	15th	376	366	371	83.7	89.0	86.4
October -	672	46.2	45.6	45.9	40.2	51.2	34.1	30th	62.9	16th	272	275	274	87.1	89.3	88.2
November -	29.913	43.4	42.9	43.2	38.7	47.2	32.1	19th	57.9	30th	255	256	256	89.4	91.3	90.4
December -	30.170	37.3	38.1	37.7	33.3	42.9	19.9	11th	49.7	17th	209	219	214	90.8	92.6	91.7
Year -	29.923	48.8	46.2	47.5	40.8	54.0	—	—	—	—	287	286	287	81.2	88.0	84.6

CHELTENHAM

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

		ins.										in.	in.	in.	%	%	%
January	-	29.882	37.2	36.9	37.1	32.8	40.8	21.0	6th	55.2	28th	206	203	205	89.9	91.1	90.5
February	-	29.674	43.3	42.8	43.1	37.6	48.8	19.2	21st	57.8	24th	256	254	255	89.5	90.6	90.1
March	-	30.094	40.4	38.8	39.6	32.7	47.5	24.0	8th	56.6	20th	214	212	213	84.9	89.1	87.0
April	-	29.805	45.7	44.3	45.0	36.1	54.4	24.2	5th	70.1	19th	259	248	254	83.4	85.3	84.4
May	-	29.805	49.2	45.9	47.6	40.1	55.9	27.4	12th	66.5	28th	266	271	269	75.5	86.4	81.0
June	-	30.047	59.3	55.8	57.6	48.2	67.1	38.5	11th	80.4	4th	380	377	379	75.0	84.4	79.7
July	-	30.184	62.8	59.5	61.2	50.2	72.5	38.2	14th	85.5	{ 25th 26th }	432	428	430	75.5	83.6	79.6
August	-	29.987	58.1	54.7	56.4	48.1	66.4	36.2	14th	76.1		17th	380	363	372	78.4	84.6
September	-	.880	55.2	51.7	53.5	45.9	62.4	26.2	28th	74.0	15th	370	359	365	83.4	91.5	87.5
October	-	.730	45.2	44.6	44.9	38.5	51.1	27.2	12th	58.0	16th	268	269	269	88.3	90.8	89.6
November	-	29.900	43.0	43.3	43.2	38.5	47.7	26.6	6th	56.6	29th	258	257	258	91.3	90.0	90.7
December	-	30.223	36.9	38.3	37.6	32.3	43.6	16.0	11th	52.0	4th	207	215	211	91.2	90.7	91.0
Year	-	29.934	48.0	46.4	47.2	40.1	54.9	—	—	—	—	291	288	290	83.9	88.2	86.1

CHURCHSTOKE.

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

1885.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	8.8	8.1	8.5	ins.	ins.	28th	19	5	2	0	2	23	1	6	7	6	16	8	11	4	3	1	
February -	7.5	5.7	6.6	3.882	.670	1st	19	4	0	0	5	13	2	3	2	3	11	7	15	11	2	2	
March -	7.4	5.6	6.5	1.104	.220	3rd	12	4	0	0	3	13	0	5	13	0	12	2	7	15	7	1	
April -	6.8	5.9	6.4	2.749	.622	25th	13	2	1	0	5	13	3	2	1	1	13	1	9	11	15	7	
May -	8.0	6.3	7.2	2.583	.321	17th	20	1	3	2	0	13	0	1	2	3	4	3	15	15	15	4	
June -	6.2	6.0	6.1	3.498	1.062	7th	11	0	0	2	7	10	0	4	6	8	4	0	8	16	6	8	
July -	6.3	5.0	5.7	0.603	.250	4th	5	0	0	0	5	9	0	2	2	8	4	0	10	13	9	14	
August -	7.5	5.9	6.7	4.146	2.372	4th	12	0	0	4	2	13	0	1	7	7	10	2	6	12	9	8	
September	6.8	6.3	6.6	3.326	.565	10th	24	0	0	2	2	13	2	3	0	0	5	3	10	19	13	7	
October -	7.9	7.3	7.6	5.021	1.118	6th	26	1	2	0	0	17	1	5	7	5	3	0	9	12	16	5	
November	8.3	8.1	8.2	3.357	.688	26th	18	0	1	0	2	21	1	0	1	11	17	1	13	7	6	4	
December	7.1	7.6	7.4	0.887	.225	28th	13	7	2	0	4	19	1	0	3	8	5	0	12	19	10	5	
Year	7.4	6.5	7.0	33.803	—	—	192	24	11	10	37	177	11	32	51	60	104	27	125	154	111	66	

GELDESTON (BECCLES).

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

				ins.		ins.																																			
				1.840		.520		10th		21		3		5		0		8		18		0		5		6		12		7		9		12		3		3		5	
January	-	7.3	6.0	6.7					16th	16	1	1	0	4	13	1	4	4	2	1	18	18	7	0	2																
February	-	6.9	6.7	6.8																																					
March	-	5.3	4.0	4.7					3rd	10	3	6	0	9	7	0	9	10	4	5	4	5	15	6	4																
April	-	6.4	4.4	5.4					8th	11	0	0	1	6	10	0	10	13	11	4	5	5	5	0	7																
May	-	7.1	4.7	5.9					22nd	19	0	5	5	5	8	0	6	4	4	4	9	13	15	5	2																
June	-	5.3	6.2	5.8					8th	10	0	0	1	8	11	0	15	8	8	4	6	10	6	3	0																
July	-	5.9	5.6	5.8						8	0	0	1	7	11	0	11	5	11	6	5	9	6	3	6																
August	-	7.8	5.6	6.7							8	0	0	2	4	15	0	15	5	12	1	2	9	7	7	4															
September	-	6.8	5.1	6.0					10th	24	0	0	3	7	12	0	3	1	2	2	5	16	17	6	8																
October	-	7.5	5.7	6.6					23rd	25	0	0	0	2	12	0	8	4	4	4	2	11	16	8	5																
November	-	7.4	6.6	7.0					4th	16	0	0	0	3	16	0	3	7	20	3	2	10	8	2	5																
December	-	6.7	6.0	6.4					30th	17	5	2	0	3	12	0	4	2	3	2	2	12	22	9	6																
Year	-	6.7	5.6	6.2					—	185	12	19	13	66	145	1	93	69	93	43	69	130	127	52	54																

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

ST. DAVID'S (PEMBROKE)

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

1885.		Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
			9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
						Min.	Max	Min.	Day.	Max.	Day.						
January	-	ins. 29.827	40.9	40.9	40.9	37.0	43.7	29.1	18th	49.9	10th	in. .244	in. .240	in. .242	% 93.6	% 92.2	% 92.9
February	-	29.619	43.9	42.9	43.4	39.9	46.6	30.4	20th	52.0	11th	.260	.247	.254	88.8	87.9	88.4
March	-	30.096	42.2	41.2	41.7	36.3	46.1	29.7	10th	50.9	20th	.224	.224	.224	82.5	86.0	84.3
April	-	29.783	46.1	43.3	44.7	39.6	49.7	31.3	3rd	62.0	19th	.263	.256	.260	83.6	90.3	87.0
May	-	29.806	48.6	46.0	47.3	43.2	52.0	36.2	7th	57.4	31st	.289	.283	.286	84.0	90.5	87.3
June	-	30.062	55.1	51.9	53.5	48.4	58.4	44.0	28th	63.9	13th	.371	.359	.365	85.7	92.7	89.2
July	-	30.190	59.6	56.0	57.8	52.5	63.7	44.4	1st	75.1	26th	.432	.426	.429	84.3	94.5	89.4
August	-	29.986	58.7	54.6	56.7	50.4	63.4	43.7	5th	70.5	26th	.415	.390	.403	84.0	90.9	87.5
September	-	.866	56.2	54.2	55.2	50.2	59.6	38.5	26th	64.0	3rd	.382	.371	.377	83.5	87.0	85.3
October	-	.760	48.6	47.5	48.1	43.1	52.6	37.8	12th	58.7	18th	.286	.282	.284	83.4	85.3	84.4
November	-	29.861	45.3	45.2	45.3	41.4	48.9	28.3	18th	55.6	6th	.278	.278	.278	90.2	90.2	90.2
December	-	30.225	43.1	42.8	43.0	39.0	46.1	27.0	10th	51.6	4th	.255	.256	.256	89.7	90.2	90.0
Year	-	29.923	49.0	47.2	48.1	43.4	52.6	—	—	—	—	.308	.301	.305	86.1	89.8	88.0

CARMARTHEN

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

1885. Jan. 18 W. Lat. 51° 52' N. Height above Mean Sea Level, 188 feet.																	
		ins.										in.	in.	in.	%	%	%
January	-	29.852	39.1	38.5	38.8	34.6	43.2	24.4	6th	50.6	{ 10th 29th }	.222	.210	.216	89.9	87.5	88.7
February	-	29.643	43.5	41.2	42.4	37.7	48.3	24.5	19th	55.5	24th	.262	.248	.255	90.7	93.5	92.1
March	-	30.091	42.2	39.6	40.9	34.7	48.8	25.7	8th	58.3	20th	.218	.216	.217	80.6	88.2	84.4
April	-	29.783	48.4	43.5	46.0	38.3	53.4	28.1	3rd	67.1	19th	.268	.250	.259	78.5	88.0	83.3
May	-	29.799	50.1	45.4	47.8	41.1	55.0	31.5	8th	62.9	31st	.279	.276	.278	77.2	90.3	83.8
June	-	30.049	60.0	54.3	57.2	49.5	64.9	41.2	{ 1st 2nd }	74.6	13th	.378	.364	.371	74.0	85.7	79.9
July	-	30.179	63.9	57.3	60.6	51.8	68.9	38.5	14th	84.2	27th	.430	.429	.430	72.7	90.8	81.8
August	-	29.983	60.0	54.0	57.0	48.3	66.8	40.7	14th	77.5	16th	.385	.368	.377	75.1	87.6	81.4
September	-	.867	56.2	52.0	54.1	46.9	61.9	32.2	28th	67.4	7th	.383	.366	.375	84.1	92.5	88.3
October	-	.738	48.7	45.4	47.1	40.4	53.0	32.0	18th	61.1	17th	.281	.275	.278	81.8	90.2	86.0
November	-	29.863	45.2	43.5	44.4	39.7	49.0	29.5	16th	55.9	29th	.271	.267	.269	87.8	91.8	89.8
December	-	30.223	39.6	40.4	40.0	35.2	45.6	18.5	11th	51.6	2nd	.230	.231	.231	92.1	89.9	91.0
Year	-	29.923	49.7	46.3	48.0	41.5	54.9	—	—	—	—	.301	.292	.297	82.0	89.7	85.9

MARLBOROUGH (WILTS)

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

Fig. 1. 45. W. Lat. 51° 25' N. Height above Mean Sea Level, 471 feet.																	
		ins.									in.	in.	in.	%	%	%	
January	-	29°902	35°3	35°9	35°6	32°6	39°7	24°6	21st	50°1	29th	*193	*195	*194	90°8	90°5	90°7
February	-	29°716	41°9	41°5	41°7	37°9	47°8	23°2	21st	56°0	12th	*249	*241	*245	91°9	90°6	91°3
March	-	30°109	38°8	38°0	38°4	32°1	47°1	24°2	8th	58°1	20th	*198	*199	*199	83°3	86°0	84°7
April	-	29°815	45°9	43°3	44°6	36°5	54°2	22°8	5th	70°7	19th	*249	*237	*243	80°7	83°6	82°2
May	-	29°828	49°0	44°7	46°9	39°7	56°4	29°0	12th	65°2	28th	*266	*266	*266	77°0	89°2	83°1
June	-	30°056	60°2	55°6	57°9	48°1	67°0	36°1	11th	84°1	13th	*374	*377	*376	72°3	85°0	78°7
July	-	30°195	63°7	58°7	61°2	50°7	72°9	41°4	10th	87°1	26th	*426	*420	*423	72°3	84°3	78°3
August	-	29°996	59°1	53°9	56°5	47°6	66°7	35°2	14th	77°4	17th	*369	*347	*358	74°4	83°0	78°7
September	-	*911	55°7	51°2	53°5	45°9	62°1	30°0	28th	71°2	15th	*367	*352	*360	82°2	91°7	87°0
October	-	*746	44°8	43°9	44°4	38°7	51°6	30°1	12th	59°9	17th	*259	*258	*259	86°7	89°4	88°1
November	-	29°919	41°2	41°5	41°4	37°6	46°3	28°2	16th	56°7	{ 29th 30th 1st 3rd }	*249	*248	*249	93°5	92°1	92°8
December	-	30°247	36°0	37°1	36°6	32°8	42°3	19°0	11th	49°1		*199	*206	*203	90°7	91°1	90°9
Year	-	29°953	47°6	45°4	46°5	40°0	54°5	—	—	—	—	*283	*279	*281	83°0	88°0	85°5

MONTHLY SUMMARIES.—ST. DAVID'S—CARMARTHEN—MARLBOROUGH.

ST. DAVID'S (PEMBROKE).

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

1885.		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.	Calu.		
January -	-	8.4	6.9	7.7	ins. 3.271	ins. .510	28th	21	4	5	0	0	16	6	4	7	14	11	6	12	5	1	2		
February -	-	7.4	6.3	6.9	5.241	1.045	23rd	23	0	4	0	1	11	2	3	9	0	3	7	26	5	2	1		
March -	-	5.6	4.5	5.1	2.877	.587	31st	14	2	2	0	5	6	3	8	17	4	6	4	8	2	7	6		
April -	-	6.3	5.3	5.8	3.383	.735	24th	17	0	2	0	4	9	1	11	12	4	7	8	10	2	3	3		
May -	-	6.8	5.5	6.2	3.010	.543	5th	21	0	2	0	3	7	3	15	15	0	9	5	7	3	2	4		
June -	-	6.2	5.3	5.8	1.144	.528	6th	11	0	0	0	3	7	3	15	15	0	9	5	7	3	2	4		
July -	-	5.8	5.3	5.6	0.904	.431	7th	8	0	0	1	6	10	0	5	6	3	5	8	15	8	6	6		
August -	-	5.8	4.6	5.2	2.294	.455	7th	14	0	0	4	4	5	1	9	14	9	7	4	5	5	6	3		
September	-	6.5	5.6	6.1	6.236	.932	6th	22	0	2	0	1	4	1	7	3	2	5	7	17	10	8	1		
October -	-	7.3	7.2	7.3	5.708	.771	9th	23	0	4	0	1	12	6	12	9	5	1	1	10	11	11	2		
November	-	7.8	7.0	7.4	3.240	.595	27th	17	0	0	0	3	16	2	2	9	16	6	4	11	6	4	2		
December	-	7.8	8.1	8.0	1.651	.419	5th	21	3	1	0	1	18	5	8	10	2	7	3	14	7	7	4		
Year	-	6.8	6.0	6.4	38.959	—	—	212	9	22	7	30	122	30	91	119	61	73	62	147	76	63	38		

CARMARTHEN.

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

1885.	Amount of Cloud.			Rainfall.			Weather, No. of Days of	
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MARGATE

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

1885.	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.	36°0	37°3	36°7	33°6	40°5	24°2	21st	52°4	29th	186	197	192	86°2	87°0	86°6
February -	29°762	43°2	43°1	43°2	39°0	48°6	31°0	19th	55°8	24th	250	249	250	88°6	88°3	88°5
March -	30°093	41°3	39°6	40°5	36°1	46°1	29°6	26th	58°2	20th	210	209	210	80°9	85°0	83°0
April -	29°809	48°6	45°2	46°9	41°4	52°8	34°1	20th	70°3	20th	262	253	258	77°5	83°3	80°4
May -	29°826	51°3	47°2	49°3	42°7	56°4	34°0	8th	71°0	28th	287	286	287	75°3	87°2	81°3
June -	30°052	59°7	55°4	57°6	51°7	64°7	43°4	12th	79°1	4th	391	372	382	76°2	84°5	80°4
July -	30°195	63°0	58°5	60°8	54°1	68°0	45°3	2nd	81°4	11th	414	412	413	72°3	83°8	78°1
August -	29°988	60°2	57°5	58°9	53°2	65°0	47°1	15th	74°6	17th	373	372	373	71°8	78°7	75°3
September -	°911	57°1	54°8	56°0	50°0	62°9	40°1	28th	75°4	15th	385	360	373	81°9	83°1	82°5
October -	°713	47°1	47°3	47°2	42°5	52°3	37°0	28th	59°8	2nd	276	276	276	85°2	84°4	84°8
November -	29°929	44°6	44°3	44°5	40°6	48°5	33°1	7th	58°0	26th	261	257	259	86°7	86°7	86°7
December -	30°219	39°6	39°7	39°7	35°8	43°7	25°8	12th	50°8	{ 3rd 4th }	216	217	217	86°9	87°4	87°2
Year -	29°952	49°3	47°5	48°4	43°4	54°1	—	—	—	—	293	288	291	80°8	85°0	82°9

SOUTHAMPTON

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

January	ins.															
February	29.905	37.4	38.1	37.8	34.7	42.6	25.0	7th	52.2	27th	206	209	208	89.3	88.9	89.1
March	29.740	44.2	43.7	44.0	40.0	50.0	27.6	21st	57.2	24th	267	261	264	90.7	90.2	90.5
April	30.101	42.3	40.4	41.4	34.6	49.7	28.7	10th	59.3	20th	216	217	217	80.0	85.6	82.8
May	29.811	49.8	46.0	47.9	39.8	57.0	27.4	5th	72.1	20th	273	259	266	76.0	82.6	79.3
June	29.837	52.9	47.9	50.4	42.4	58.0	33.2	8th	65.6	28th	292	293	293	72.9	86.6	79.8
July	30.056	61.6	57.7	59.7	50.7	68.8	41.9	11th	81.2	14th	395	400	398	73.2	83.8	78.5
August	30.194	65.6	60.7	63.2	53.4	74.2	46.2	9th	91.4	26th	443	428	436	70.4	80.4	75.4
September	29.990	62.1	57.1	59.6	51.0	69.6	42.2	6th	82.5	17th	398	381	390	71.6	81.0	76.3
October	.919	57.8	54.0	55.9	49.2	63.9	33.2	27th	71.5	15th	404	383	394	83.2	89.6	86.4
November	.745	47.7	46.6	47.2	41.3	54.4	33.4	12th	61.5	3rd	281	283	282	84.8	88.6	86.7
December	29.914	43.6	44.2	43.9	39.8	49.3	30.2	18th	57.6	30th	269	273	271	92.7	92.1	92.4
	30.247	38.3	39.1	38.7	34.9	44.5	22.6	11th	51.5	3rd	218	223	221	90.9	90.6	90.8
Year	29.955	50.3	48.0	49.2	42.7	56.8	—	—	—	—	305	301	303	81.3	86.7	84.0

ST. LEONARDS

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

January	ins.															
February	29.917	37.1	38.0	37.6	35.2	41.1	27.6	21st	47.9	10th	202	210	206	86.4	89.7	88.1
March	29.771	43.5	43.4	43.5	40.7	47.4	31.3	21st	51.7	11th	262	260	261	91.5	91.3	91.4
April	30.086	42.4	40.6	41.5	36.5	47.8	31.7	10th	57.8	31st	219	217	218	80.9	85.4	83.2
May	29.800	49.1	45.4	47.3	41.8	53.9	33.7	5th	67.0	19th	280	262	271	80.4	85.7	83.1
June	29.834	50.5	48.2	49.4	44.6	54.7	35.3	8th	64.0	28th	297	295	296	80.6	86.8	83.7
July	30.043	60.6	56.6	58.6	52.4	65.7	44.4	11th	77.0	24th	403	380	392	76.8	82.5	79.7
August	30.192	63.7	59.2	61.5	55.5	68.1	48.6	1st	86.6	26th	437	420	429	74.7	83.7	79.2
September	29.981	61.6	57.8	59.7	53.8	66.4	47.6	19th	74.0	1st	397	382	390	73.0	79.8	76.4
October	.919	57.2	55.3	56.3	51.1	61.9	36.7	27th 28th	69.4	15th	399	381	390	83.9	85.4	84.7
November	.724	47.8	46.9	47.4	42.5	52.6	33.7	12th	58.1	2nd	274	270	272	82.1	83.6	82.9
December	29.919	44.8	43.9	44.4	41.0	48.4	31.8	18th	54.3	2nd 29th	263	256	260	86.9	87.5	87.2
	30.227	39.2	39.6	39.4	36.3	43.9	24.3	11th	51.0	3rd	217	221	219	87.8	88.5	88.2
Year	29.951	49.8	47.9	48.9	44.3	54.3	—	—	—	—	304	296	300	82.1	85.8	84.0

MARGATE.

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

1885.	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 - -	7.2	6.9	7.1	ins. 2.140	ins. .530	31st	16	3	0	0	6	18	0	4	2	13	8	12	7	2	1	13	
February - -	7.6	6.1	6.9	2.250	.600	16th	16	0	0	0	4	15	0	1	1	3	2	19	22	4	1	3	
March - -	4.8	5.7	5.3	1.110	.480	3rd	9	2	1	0	7	7	0	11	12	5	8	4	8	2	2	10	
April - -	5.7	4.1	4.9	0.920	.160	8th	12	0	0	0	6	6	0	8	6	12	7	8	6	1	3	9	
May - -	6.7	4.1	5.4	1.920	.280	6th	17	1	3	3	3	6	0	2	1	5	3	8	25	4	8	6	
June - -	5.5	5.2	5.4	1.010	.330	7th	9	0	0	0	8	11	0	10	8	7	1	6	11	4	4	9	
July - -	5.9	4.4	5.2	0.210	.100	13th	6	0	0	0	8	11	0	3	5	20	2	5	10	6	0	11	
August - -	6.9	5.4	6.2	1.010	.590	6th	9	0	0	1	2	10	0	19	7	8	0	2	11	6	3	6	
September -	6.6	4.0	5.3	3.610	.970	16th	18	0	1	1	6	9	0	5	2	5	1	8	17	9	8	5	
October -	7.8	6.4	7.1	4.080	.700	23rd	22	0	0	0	1	15	0	10	1	3	5	1	17	12	8	5	
November -	7.3	7.5	7.4	2.530	.500	5th	12	0	1	0	3	18	0	2	1	23	7	6	11	1	3	6	
December -	7.0	6.6	6.8	0.930	.340	5th	13	4	2	0	3	13	0	10	3	8	2	8	16	4	3	8	
Year -	6.6	5.5	6.1	21.720	—	—	159	10	8	5	57	139	0	85	49	112	46	87	161	55	44	91	

SOUTHAMPTON.

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

January	-	8.2	7.1	7.7	ins. 2.826	ins. .635	31st	15	3	1	1	2	20	3	3	13	7	9	7	10	0	7	6
February	-	7.7	5.5	6.6	3.401	.493	26th	22	0	1	0	6	14	2	1	4	1	3	9	27	5	4	2
March	-	5.7	5.0	5.4	2.116	.890	3rd	11	2	1	0	10	11	1	4	25	1	6	3	11	4	6	2
April	-	5.8	5.0	5.4	1.567	.488	5th	15	0	1	0	8	10	0	8	18	2	6	5	11	0	9	1
May	-	8.4	4.6	6.5	3.805	.745	21st	20	0	7	3	2	10	0	3	6	0	4	6	24	8	9	2
June	-	6.5	5.6	6.1	1.560	.505	16th	11	0	0	0	7	13	0	5	16	5	7	2	15	3	4	3
July	-	5.5	3.6	4.6	0.286	.105	19th	6	0	0	1	9	7	0	3	8	7	6	3	17	5	10	3
August	-	6.5	4.3	5.4	0.669	.200	6th	11	0	0	2	7	6	0	6	13	3	8	3	13	2	6	8
September	-	6.8	4.1	5.5	5.065	1.195	10th	22	0	0	0	5	7	0	4	3	0	6	2	21	10	11	3
October	-	6.8	7.0	6.9	3.935	.672	9th	18	0	0	0	4	16	2	5	5	3	6	1	12	8	19	3
November	-	8.1	6.8	7.5	3.022	.772	26th	17	0	0	0	4	18	2	3	19	8	8	0	14	2	3	3
December	-	7.4	6.3	6.9	1.842	.600	5th	16	1	0	0	6	17	0	6	12	2	5	2	9	8	9	9
Year	-	7.0	5.4	6.2	30.094	—	—	184	6	11	7	70	149	10	51	142	39	74	43	184	55	97	45

SOUTHBOURNE

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

1885.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.						
January -	ins. 29.891	37.7	38.7	38.2	34.9	42.3	26.2	9th	49.1	10th	20.2	21.2	20.7	87.1	88.6	87.9
February -	29.725	43.8	43.3	43.6	40.3	48.0	26.4	21st	55.8	11th	26.5	25.3	25.9	91.6	88.9	90.3
March -	30.084	41.5	40.2	40.9	35.1	47.5	28.9	{ 10th } 15th	56.7	20th	26.6	20.9	20.8	78.4	83.2	80.8
April -	29.790	48.1	44.4	46.3	38.9	53.9	26.2	5th	67.3	18th	25.5	24.6	25.1	75.8	83.3	79.6
May -	29.823	50.8	46.9	48.9	42.2	55.9	33.0	18th	61.1	31st	28.5	27.7	28.1	77.0	85.3	81.2
June -	30.038	58.2	55.8	57.0	50.6	64.1	44.2	12th	73.3	14th	37.6	37.7	37.7	78.0	84.4	81.2
July -	30.184	62.9	58.4	60.7	51.9	69.3	44.2	14th	82.7	27th	42.5	40.1	41.3	74.5	81.7	78.1
August -	29.975	60.5	56.7	58.6	50.0	67.3	41.5	6th	75.2	17th	37.9	37.0	37.5	72.2	79.9	76.1
September -	907	57.5	54.5	56.0	49.9	62.9	32.7	28th	67.2	15th	40.0	38.1	39.1	83.5	87.8	85.7
October -	735	48.1	47.3	47.7	42.0	53.9	32.2	25th	59.9	26th	28.1	27.5	27.8	83.2	83.5	83.4
November -	29.896	44.9	44.7	44.8	41.0	48.9	32.1	17th	55.2	30th	27.7	27.1	27.4	90.6	89.4	90.0
December -	30.232	39.1	39.9	39.5	35.7	45.0	21.3	11th	52.1	3rd	21.5	22.1	21.8	86.3	87.2	86.8
Year -	29.940	49.4	47.6	48.5	42.7	54.9	—	—	—	—	29.7	29.1	29.4	81.5	85.3	83.4

BABBACOMBE

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

January	ins. 29.884	40.3	39.8	40.1	37.0	43.9	29.2	14th	51.3	5th	in. 22.5	in. 22.0	in. 22.3	87.4	87.5	87.5
February	29.715	45.1	43.5	44.3	40.7	49.8	31.1	19th	56.6	25th	27.4	25.7	26.6	89.9	88.9	89.4
March	30.098	42.8	41.3	42.1	37.6	48.0	29.5	16th	58.8	20th	21.6	21.3	21.5	78.0	81.8	79.9
April	29.802	47.5	44.3	45.9	40.0	53.2	31.5	5th	68.7	20th	24.9	24.4	24.7	75.9	83.8	79.9
May	29.844	51.4	46.3	48.9	42.2	55.5	35.0	8th	65.6	31st	28.7	27.2	28.0	75.9	85.8	80.9
June	30.060	59.0	55.7	57.4	51.4	64.3	43.5	22nd	72.7	4th	37.8	37.7	37.8	76.3	84.8	80.6
July	30.209	63.1	58.4	60.8	53.6	69.4	44.9	10th	85.6	26th	40.9	39.4	40.2	71.1	80.6	75.9
August	29.992	61.4	56.6	59.0	51.8	66.5	44.7	5th	80.6	17th	39.2	38.1	38.7	72.9	83.0	78.0
September	917	57.5	53.7	55.6	49.9	62.5	36.0	28th	67.8	6th	38.6	37.5	38.1	81.1	88.8	85.0
October	771	48.9	46.7	47.8	42.4	53.9	35.6	25th	60.8	3rd	28.6	27.7	28.2	82.3	86.3	84.3
November	29.889	46.7	46.4	46.6	43.0	50.4	36.2	15th	57.4	6th	29.1	28.8	29.0	90.0	90.4	90.2
December	30.247	40.9	41.6	41.3	37.2	46.2	23.3	11th	53.8	14th	22.7	23.0	22.9	85.6	85.3	85.5
Year	29.952	50.4	47.9	49.2	43.9	55.3	—	—	—	—	30.2	29.4	29.8	80.5	85.6	83.1

TOTNES

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

January	ins. 29.882	39.7	40.0	39.9	35.3	45.2	24.6	6th	57.8	28th	in. 22.3	in. 22.6	in. 22.5	87.8	89.4	88.6
February	29.713	45.6	43.9	44.8	38.3	51.4	24.6	19th	59.2	24th	27.9	26.2	27.1	89.0	89.6	89.3
March	30.098	42.9	40.6	41.8	34.7	50.5	24.2	16th	60.0	20th	22.2	21.8	22.0	80.0	85.4	82.7
April	29.799	49.0	43.4	46.2	36.7	55.3	26.9	5th	70.2	19th	26.0	25.3	25.7	74.8	89.1	82.0
May	29.842	52.9	46.7	49.8	40.5	58.4	29.7	13th	66.8	31st	30.1	28.5	29.3	75.1	88.8	82.0
June	30.059	62.2	55.7	59.0	48.6	67.7	38.8	3rd	77.8	4th	39.6	39.4	39.5	71.8	88.6	80.2
July	30.203	65.3	57.4	61.4	49.1	71.9	37.7	14th	88.2	26th	43.6	42.4	43.0	70.1	89.1	79.6
August	29.990	62.3	55.5	58.9	46.1	69.2	38.8	5th	80.3	17th	40.1	39.1	39.6	71.4	88.3	79.9
September	919	59.0	53.1	56.1	46.7	64.3	28.3	28th	70.2	6th	40.1	38.0	39.1	80.1	92.3	86.2
October	774	49.2	46.1	47.7	40.2	55.3	31.8	18th	62.3	3rd	29.8	28.0	28.9	84.7	89.6	87.2
November	29.892	47.2	46.3	46.8	41.5	51.2	27.8	15th	58.3	6th	29.3	29.2	29.3	91.9	91.9	90.5
December	30.257	38.7	40.0	39.4	33.6	46.8	17.4	11th	55.7	17th	22.3	23.1	22.7	90.8	90.5	90.7
Year	29.952	51.2	47.4	49.3	40.9	57.3	—	—	—	—	31.1	30.3	30.7	80.4	89.4	84.9

SOUTHBOURNE.

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

1885.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	7.0	6.0	6.5	ins.	ins.	31st	14	0	0	0	5	15	3	6	13	12	2	4	12	2	8	3	
February -	7.3	4.5	5.9	3.380	4.90	15th	18	0	0	0	4	10	6	3	4	0	0	8	23	8	4	6	
March -	4.8	4.3	4.6	1.620	7.30	3rd	10	1	0	0	10	8	2	11	17	2	3	2	3	8	8	8	
April -	4.5	4.0	4.3	1.060	7.20	5th	12	0	0	0	8	5	2	16	11	2	1	9	7	4	7	3	
May -	6.0	3.7	4.9	3.510	7.30	6th	16	0	1	1	5	6	3	7	1	2	1	4	14	17	7	9	
June -	5.8	5.4	5.6	2.520	9.50	16th	12	0	0	1	7	12	0	8	11	3	4	4	11	3	3	13	
July -	4.9	3.5	4.2	0.290	1.10	19th	6	0	0	0	11	5	0	4	9	5	1	2	14	3	11	13	
August -	4.9	3.8	4.4	0.430	1.00	6th	9	0	0	0	7	2	2	11	14	5	2	1	10	6	3	10	
September -	5.9	4.0	5.0	3.760	1.090	10th	19	0	0	0	1	4	4	6	2	1	3	2	18	15	9	4	
October -	5.8	5.4	5.6	3.630	5.70	9th	19	0	0	1	4	7	6	9	3	5	5	1	7	13	15	4	
November -	7.9	6.6	7.3	3.190	6.60	26th	15	0	0	0	4	16	2	2	23	5	4	0	10	9	2	5	
December -	6.5	6.2	6.4	1.680	6.10	5th	14	0	0	0	5	12	2	11	5	4	3	2	5	8	16	8	
Year -	5.9	4.8	5.4	27.260	—	—	164	1	1	3	71	102	32	94	113	46	29	39	134	96	93	86	

BABBACOMBE.

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

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ST. AUBIN'S (JERSEY)

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

1885.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.						
January - -	ins. 29.939	39.7	40.2	40.0	36.3	43.3	24.8	21st	53.1	30th	in. 215	in. 222	in. 219	% 86.1	% 87.7	% 86.9
February - -	29.824	46.0	45.6	45.8	42.3	50.1	35.9	21st	55.8	27th	277	276	277	88.4	89.5	89.0
March - -	30.105	44.9	42.5	43.7	38.9	48.8	35.0	19th	56.5	30th	226	228	227	75.2	83.0	79.1
April - -	29.834	49.9	46.7	48.3	42.6	55.0	37.8	10th	68.4	20th	275	261	268	76.4	82.1	79.3
May - -	29.916	52.9	48.7	50.8	45.5	58.1	36.3	8th	71.6	27th	310	302	306	77.3	86.9	82.1
June - -	30.081	60.9	57.6	59.3	53.4	66.4	47.8	{ 11th 22nd }	80.2	14th	399	378	389	75.0	79.5	77.3
July - -	228	65.2	58.8	62.0	55.2	69.9	50.0	14th	83.2	26th	442	413	428	71.0	83.2	77.1
August - -	30.017	62.9	58.5	60.7	55.3	68.3	49.3	5th	77.8	16th	400	397	399	69.8	80.5	75.2
September - -	29.986	60.0	57.1	58.6	54.0	65.2	43.0	26th	74.6	15th	405	404	405	77.8	85.3	81.6
October - -	820	52.1	50.3	51.2	46.4	56.1	42.0	{ 12th 25th }	61.7	4th	311	301	306	79.4	82.1	80.8
November - -	29.933	47.4	47.4	47.4	44.1	50.6	31.0	17th	56.6	29th	278	291	285	89.5	87.3	88.4
December - -	30.282	43.6	43.4	43.5	39.8	47.3	31.3	25th	54.8	{ 1st 5th }	244	247	246	84.4	86.2	85.3
Year -	29.997	52.1	49.7	50.9	46.2	56.6	—	—	—	—	315	310	313	79.2	84.4	81.8

LONDONDERRY

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

January	ins. 29.769	38.6	39.3	39.0	35.3	44.9	23.6	16th	54.8	5th	in. 213	in. 218	in. 216	88.7	89.1	88.9
February	29.475	40.7	40.4	40.6	35.6	47.8	22.0	19th	58.7	26th	231	232	232	88.6	90.6	89.6
March	30.079	40.6	40.3	40.5	34.5	47.8	28.7	10th	54.3	15th	220	221	221	86.1	87.3	86.7
April	29.765	47.4	44.4	45.9	39.2	54.4	31.4	8th	65.0	19th	259	253	256	79.0	85.8	82.4
May	29.763	49.1	44.8	47.0	40.4	54.9	34.4	6th	64.7	27th	277	255	266	79.5	85.3	82.4
June	30.062	57.2	52.2	54.7	46.7	63.5	38.4	10th	72.0	28th	338	330	334	71.9	83.7	77.8
July	138	61.4	55.6	58.5	50.1	68.1	42.8	20th	83.0	24th	409	392	401	75.2	87.6	81.4
August	30.008	57.6	53.2	55.4	49.2	64.2	41.1	15th	75.0	1st	376	361	369	78.6	88.7	83.7
September	29.762	53.5	50.4	52.0	45.9	59.5	36.5	27th	67.5	3rd	338	326	332	81.9	88.5	85.2
October	774	45.2	43.5	44.4	39.4	50.7	32.0	22nd	54.5	17th	260	253	257	85.8	89.1	87.5
November	29.829	42.2	42.5	42.4	38.0	49.1	26.1	18th	58.0	7th	244	244	244	87.9	89.0	88.5
December	30.132	40.7	40.9	40.8	36.7	46.8	23.5	7th	56.5	16th	230	235	233	87.6	89.6	88.6
Year	29.880	47.9	45.6	46.8	40.9	54.3	—	—	—	—	283	277	280	82.6	87.9	85.3

ARMAGH

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

January	ins. 29.774	38.2	38.4	38.3	34.6	43.8	23.5	13th	55.8	29th	in. 216	in. 215	in. 216	91.8	91.3	91.6
February	29.496	40.3	40.0	40.2	35.0	48.1	24.5	20th	56.8	26th	234	235	235	91.2	92.5	91.9
March	30.075	40.3	38.5	39.4	32.4	47.3	25.1	10th	54.4	26th	213	208	211	84.6	87.7	86.2
April	29.761	46.0	43.1	44.6	38.1	52.0	29.4	9th	63.5	19th	255	241	248	81.7	86.1	83.9
May	29.759	48.4	43.4	45.9	39.0	54.7	29.1	7th	62.1	28th	259	240	250	76.1	84.7	80.4
June	30.054	55.4	51.5	53.5	45.1	62.6	35.5	10th	71.5	28th	329	317	323	74.7	82.3	78.5
July	30.136	60.0	56.6	58.3	50.3	67.6	41.8	14th	78.4	25th	403	391	397	77.2	84.7	81.0
August	29.987	56.5	53.2	54.9	48.2	65.2	40.6	14th	76.2	1st	380	364	372	82.7	89.0	85.9
September	777	53.1	49.5	51.3	44.9	59.4	32.0	27th	64.5	3rd	337	316	327	83.4	88.1	85.8
October	763	45.7	42.3	44.0	38.3	50.3	31.1	24th	56.6	4th	258	245	252	83.8	90.2	87.0
November	29.825	43.7	41.8	42.8	37.8	48.0	23.8	15th	59.5	3rd	254	245	250	87.5	90.3	88.9
December	30.147	39.8	39.3	39.6	35.3	44.4	22.8	8th	55.4	16th	231	228	230	91.9	91.4	91.7
Year	29.880	47.3	44.8	46.1	39.9	53.6	—	—	—	—	281	270	276	83.9	88.2	86.1

ST. AUBIN'S (JERSEY).

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

1885.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of									
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.		
January -	8.3	7.7	8.0	ins. 2.866	ins. .480	10th	15	3	6	1	1	18	1	8	6	12	13	7	8	0	2	6		
February -	7.2	6.3	6.8	3.904	.575	22nd	23	0	1	1	2	10	0	0	4	1	2	11	22	7	2	7		
March -	6.0	6.3	6.2	1.770	.485	3rd	12	0	0	0	4	13	0	4	24	9	3	3	5	2	8	4		
April -	5.7	3.8	4.8	2.073	.680	28th	16	0	1	0	5	3	0	9	17	3	4	7	7	3	7	3		
May -	6.6	6.0	6.3	1.937	.570	3rd	16	0	1	0	1	9	1	2	3	1	4	2	17	8	20	5		
June -	6.2	5.2	5.7	1.021	.610	16th	10	0	0	5	7	13	0	6	20	7	2	0	7	1	6	14		
July -	4.6	3.2	3.9	0.111	.067	8th	5	0	0	1	9	3	0	5	20	4	0	2	6	2	9	14		
August -	5.2	3.0	4.1	1.035	.535	31st	9	0	0	1	7	3	0	2	19	6	4	1	6	6	2	16		
September -	6.6	6.6	6.6	3.615	.770	16th	22	0	1	2	2	10	2	6	9	0	2	3	17	8	5	10		
October -	7.2	6.8	7.0	5.683	1.002	30th	24	0	5	1	2	14	2	7	6	3	3	2	12	13	5	11		
November -	8.8	7.1	8.0	3.707	.970	27th	18	0	0	0	2	19	2	2	10	15	5	3	12	2	2	9		
December -	8.1	6.8	7.5	1.521	.600	5th	13	0	3	1	2	18	2	0	15	4	4	3	10	4	4	18		
Year -	6.7	5.7	6.2	29.243	—	—	183	3	18	13	44	133	10	51	153	65	46	44	129	56	72	114		

LONDONDERRY.

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

Thermometers, F. Rees, 1850.																										
				ins.	ins.		20	6	3	0	1	14	0	3	9	2	12	13	14	6	1	2				
January	-	7.4	6.5	7.0	2.810	.420	10th	23	1	3	1	5	8	0	1	4	2	2	14	21	7	3	2			
February	-	6.4	5.5	6.0	2.750	.480	21st	19	1	3	0	5	13	0	9	10	1	1	10	11	6	11	3			
March	-	7.6	5.8	6.7	2.230	.490	28th	17	2	2	0	0	16	0	6	11	3	6	16	13	3	0	2			
April	-	7.5	7.1	7.3	1.640	.230	23rd	24	1	7	1	0	14	0	8	6	2	4	6	11	9	15	11			
May	-	8.4	6.4	7.4	3.680	.360	5th	13	0	0	0	0	13	0	6	8	1	3	8	14	6	13	11			
June	-	8.0	7.6	7.8	0.820	.180	20th	17	0	0	0	4	15	0	1	12	2	3	2	18	13	6	5			
July	-	7.5	6.5	7.0	1.950	.670	10th	14	0	0	0	4	19	0	12	13	8	3	4	6	7	7	2			
August	-	8.0	7.2	7.6	2.070	.460	12th	27	0	1	0	2	10	0	5	2	1	1	11	16	13	10	11			
September	-	7.3	5.6	6.5	3.970	.640	28th	25	0	3	0	0	13	0	14	8	5	4	3	5	6	14	3			
October	-	7.3	6.5	6.9	5.030	.910	4th	14	0	1	0	6	15	0	3	3	6	11	9	15	6	2	5			
November	-	7.3	5.9	6.6	2.180	.480	4th	17	4	3	0	4	16	1	5	7	0	1	9	21	15	3	1			
December	-	7.5	6.3	6.9	2.640	.550	3rd	230	15	26	2	31	166	1	73	93	33	51	105	165	97	85	28			
Year	-	7.5	6.4	7.0	31.770	—	—																			

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

BROOKEBOROUGH (COLEBROOKE PARK)
Long. 7° 22' W. Lat. 54° 21' N. Height above Mean Sea Level, 278 feet.

1885.	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. 29.753	37.9	38.1	38.0	33.9	43.1	22.8	13th	51.7	29th	21.1	21.5	21.3	93	94
February	29.477	39.5	38.7	39.1	33.7	46.7	18.2	19th	57.4	26th	21.8	21.4	21.6	90	91
March	30.068	39.6	37.6	38.6	30.9	46.6	21.8	10th	53.9	14th	21.1	20.2	20.7	87	90
April	29.740	45.3	43.1	44.2	37.1	52.5	28.2	14th	63.0	19th	24.9	24.1	24.5	82	86
May	29.749	47.9	43.5	45.7	38.1	53.5	28.0	7th	62.8	27th	27.3	25.2	26.3	83	89
June	30.050	55.3	50.6	53.0	44.0	62.4	34.6	23rd	68.9	13th	36.2	34.0	35.1	83	93
July	30.125	58.6	55.4	57.0	49.6	66.5	36.8	14th	77.3	24th	43.1	41.0	42.1	88	93
August	29.977	55.4	52.6	54.0	46.8	63.3	37.9	14th	78.9	1st	39.8	37.5	38.7	91	95
September	762	52.3	48.9	50.6	43.7	58.4	28.3	27th	63.0	3rd	35.2	32.3	33.8	90	94
October	758	44.3	42.0	43.2	37.7	49.7	27.8	22nd	55.3	17th	25.4	24.1	24.8	87	91
November	29.805	43.3	42.2	42.8	37.8	47.5	21.8	15th	55.9	3rd	24.4	24.3	24.4	87	90
December	30.141	39.0	39.1	39.1	33.7	44.0	17.8	11th	52.9	16th	22.0	22.3	22.2	93	93
Year	29.867	46.5	44.3	45.4	38.9	52.9	—	—	—	—	28.5	27.3	27.9	87.8	91.6

MARKREE CASTLE (SLIGO)
Long. 8° 27' W. Lat. 54° 11' N. Height above Mean Sea Level, 131 feet.

January	ins. 29.734	38.3	38.6	38.5	34.0	43.2	22.8	13th	52.1	4th	21.8	22.3	22.1	92.0	93.5
February	29.467	40.0	38.9	39.5	33.5	46.6	19.9	19th	55.8	26th	23.5	22.6	23.1	92.5	92.1
March	30.071	40.6	38.6	39.6	31.5	47.1	20.4	10th	52.8	26th	21.5	21.0	21.3	83.6	87.9
April	29.720	46.8	43.0	44.9	37.0	52.5	25.7	9th	62.0	19th	25.6	24.1	24.9	79.3	86.2
May	29.748	48.5	44.0	46.3	38.3	53.0	27.2	12th	61.3	25th	26.9	25.1	26.0	78.3	86.4
June	30.042	55.6	51.5	53.6	44.4	61.1	31.9	25th	72.0	28th	34.0	32.4	33.2	76.1	84.2
July	30.110	59.9	55.8	57.9	49.6	65.7	33.9	14th	77.9	24th	42.8	40.5	41.7	82.8	89.9
August	29.967	56.6	53.2	54.9	46.9	62.2	36.5	14th	77.0	1st	38.6	35.9	37.3	83.7	87.8
September	752	52.9	49.3	51.1	44.1	58.6	33.0	27th	65.3	4th	34.4	32.2	33.3	85.3	90.9
October	769	45.9	43.1	44.5	38.4	50.4	26.6	22nd	56.0	15th	26.5	25.1	25.8	85.6	89.6
November	29.780	43.7	42.7	43.2	37.6	47.8	20.1	15th	56.1	3rd	26.0	25.6	25.8	89.1	91.3
December	30.138	39.6	39.6	39.6	34.1	45.0	17.6	8th	53.8	16th	23.2	23.4	23.3	93.0	93.2
Year	29.858	47.4	44.9	46.2	39.1	52.8	—	—	—	—	28.7	27.5	28.1	85.1	89.4

GLASNEVIN (BOTANIC GARDENS)
Long. 6° 16' W. Lat. 53° 23' N. Height above Mean Sea Level, 64 feet.

January	ins. 29.797	40.5	40.6	40.6	35.2	44.7	25.0	19th	54.2	29th	23.1	22.8	23.0	90.1	88.6
February	29.543	42.7	41.7	42.2	35.5	48.9	21.0	19th	58.8	26th	24.6	24.2	24.4	88.5	89.6
March	30.094	41.5	39.7	40.6	31.9	48.1	23.0	15th	56.2	26th	22.3	21.7	22.0	84.7	87.4
April	29.776	47.2	43.0	45.1	37.0	52.5	27.0	3rd	66.7	19th	28.1	26.0	27.1	85.1	92.4
May	29.778	49.5	45.7	47.6	38.3	54.8	29.4	12th	63.8	27th	28.3	27.1	27.7	79.3	87.7
June	30.069	56.6	52.7	54.7	43.7	63.4	34.2	10th	72.7	12th	39.7	36.1	37.9	86.4	90.2
July	30.159	60.8	57.8	59.3	50.1	68.1	38.6	1st	76.8	26th	46.2	44.0	45.1	86.4	91.5
August	29.991	57.3	53.4	55.4	46.6	64.0	36.6	14th	73.3	22nd	39.1	37.5	38.3	82.8	91.2
September	821	54.7	51.6	53.2	44.3	61.9	30.0	27th	70.3	2nd	37.2	34.7	36.0	86.3	89.5
October	774	46.0	44.3	45.2	37.7	51.6	28.6	25th	56.2	2nd	27.5	26.6	27.1	88.0	90.5
November	29.839	45.6	44.9	45.3	39.1	49.6	27.0	15th	62.2	3rd	27.3	26.9	27.1	88.4	89.2
December	30.185	40.8	41.0	40.9	34.7	45.8	18.6	11th	57.2	16th	22.9	23.9	23.4	87.4	89.6
Year	29.902	48.6	46.4	47.5	39.5	54.5	—	—	—	—	30.5	29.3	29.9	86.1	89.8

MONTHLY SUMMARIES.—BROOKEBOROUGH—MARKREE CASTLE—GLASNEVIN.

BROOKEBOROUGH (COLEBROOKE PARK).
Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

1885.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	7.8	6.6	7.2	2.987	.534	27th	16	0	0	0	4	18	0	4	8	7	7	11	12	2	1	10
February	8.3	6.1	7.2	4.392	.940	21st	18	0	0	0	2	14	1	1	1	3	5	10	23	4	1	8
March	8.4	5.1	6.8	3.544	.840	31st	16	0	0	0	2	14	0	9	5	2	2	5	15	5	2	17
April	9.3	6.6	8.0	2.753	.430	5th	11	0	0	0	0	16	0	9	4	3	7	9	14	3	2	9
May	9.5	6.1	7.8	2.254	.320	22nd	18	0	0	0	0	16	0	5	6	0	3	4	21	8	6	9
June	9.4	7.2	8.3	0.788	.354	18th	6	0	0	0	0	17	0	9	3	0	1	4	16	7	1	19
July	8.6	7.2	7.9	3.746	.968	17th	11	0	1	0	3	21	0	8	2	0	1	10	20	1	0	20
August	8.9	6.5	7.7	2.033	.458	5th	11	0	0	0	3	20	0	13	3	2	1	1	8	3	8	23
September	9.0	5.4	7.2	6.102	.654	28th	21	0	0	0	1	18	0	17	0	0	1	4	18	6	6	10
October	8.2	7.6	7.9	5.431	.900	4th	19	0	0	0	1	18	0	12	13	5	1	8	13	6	0	2
November	8.3	7.9	8.1	2.418	.750	26th	11	0	0	0	3	21	0	8	0	0	2	2	28	6	3	13
December	8.8	7.4	8.1	1.956	.522	3rd	9	2	0	0	2	21	0	8	0	0	2	2	28	6	3	13
Year	8.7	6.6	7.7	38.404	—	—	167	2	1	0	20	209	1	100	45	23	32	80	211	57	32	150

MARKREE CASTLE (SLIGO).
Thermometers, 4 feet above ground. Rain-gauge, 1 foot above ground.

January	8.5	8.1	8.3	ins. 3.000	ins. .500	27th	21	1	0	0	1	21	3	3	2	2	25	15	5	2	2	6
February	8.0	7.9	8.0	3.200	.730	21st	21	1	2	0	1	17	1	1	0	1	10	14	13	2	4	11
March	8.2	7.2	7.7	2.560	.630	28th	22	1	3	0	0	16	2	10	3	1	9	6	5	2	10	16
April	8.4	8.1	8.3	2.270	.580	5th	18	1	1	0	0	17	1	5	2	3	14	15	7	1	3	10
May	8.6	8.3	8.5	2.700	.410	12th	26	1	4	0	0	22	0	10	1	3	6	6	6	6	8	16
June	8.8	8.7	8.8	0.530	.120	20th	9	0	0	0	0	22	0	13	4	2	1	8	4	5	5	18
July	8.3	8.4	8.4	3.900	1.160	17th	20	0	0	0	1	21	0	6	2	5	5	9	10	1	4	20
August	8.5	7.4	8.0	1.780	.330	27th	15	0	0	0	1	20	0	13	4	5	8	3	3	6	5	15
September	8.4	8.0	8.2	5.950	.790	11th	30	0	0	1	0	17	0	4	1	1	12	12	9	6	3	12
October	8.6	8.7	8.7	5.700	.560	8th	26	0	2	0	0	20	1	18	5	1	3	6	5	4	9	11
November	8.3	7.8	8.1	2.310	.480	3rd	18	0	0	0	2	21	1	1	0	6	26	8	9	2	3	5
December	9.1	8.2	8.7	2.620	.650	20th	21	3	2	0	1	24	2	2	1	1	8	12	10	3	6	19
Year	8.5	8.1	8.3	36.520	—	—	247	8	14	1	7	238	11	86	25	31	127	114	86	40	62	159

GLASNEVIN (BOTANIC GARDENS).
Thermometers, 3 feet 6 inches above ground. Rain-gauge, 1 foot above ground.

January	-	6.9	5.0	6.0	ins. 1.660	ins. .340	25th	17	1	3	0	1	9	0	2	4	5	14	3	15	6	10	3
February	-	5.5	5.4	5.5	2.170	.940	16th	12	1	1	0	3	4	0	2	3	1	2	1	24	7	9	7
March	-	5.8	3.8	4.8	1.260	.310	3rd	12	1	5	0	5	3	0	4	10	1	3	1	9	7	19	8
April	-	6.3	4.4	5.4	1.770	.520	21st	12	0	0	0	4	8	0	4	14	3	7	1	10	4	7	10
May	-	6.5	4.6	5.6	1.990	.510	19th	16	1	10	1	0	1	0	3	7	2	4	2	15	7	11	11
June	-	5.9	3.9	4.9	1.060	.380	6th	8	0	0	0	4	3	0	1	9	3	8	1	14	4	3	17
July	-	6.7	4.6	5.7	0.820	.450	19th	10	0	0	0	4	4	0	0	6	1	4	0	25	4	2	20
August	-	7.3	3.5	5.4	2.200	1.040	4th	11	0	0	1	2	5	0	1	5	5	12	2	4	3	8	22
September	-	6.0	4.4	5.2	2.530	.380	1st	19	0	1	0	1	2	0	0	2	1	6	1	23	8	12	7
October	-	6.7	5.6	6.2	3.210	1.020	6th	18	0	4	1	4	8	0	1	9	2	2	0	6	11	22	9
November	-	6.7	5.6	6.2	1.620	.420	23rd	14	1	0	0	1	11	0	0	7	2	13	5	16	3	4	10
December	-	6.8	6.4	6.6	0.530	.110	20th	8	4	2	0	4	15	1	2	3	1	5	1	15	9	17	9
Year	-	6.4	4.8	5.6	20.820	—	—	157	9	26	3	33	73	1	20	79	27	80	18	176	73	124	133

OBSERVATIONS AT STATIONS OF THE SECOND ORDER.

DUBLIN (PHENIX PARK) -
Long. 6° 21' W. Lat. 53° 22' N. Height above Mean Sea Level, 162 feet.

1885.		Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
			9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
						Min.	Max.	Min.	Day.	Max.	Day.						
January	-	ins. 29.798	40.1	40.4	40.3	35.1	44.6	24.6	19th	53.6	29th	in. .220	in. .219	in. .220	87.4	85.5	86.5
February	-	29.544	42.5	40.8	41.7	35.5	48.2	20.7	19th	56.7	26th	.237	.227	.232	85.5	86.2	85.9
March	-	30.090	40.8	39.1	40.0	32.2	47.4	22.8	12th	55.6	26th	.216	.210	.213	84.0	86.7	85.4
April	-	29.775	46.7	42.5	44.6	37.5	52.2	26.6	3rd	65.6	19th	.257	.241	.249	80.3	87.5	83.9
May	-	29.782	49.4	44.9	47.2	38.8	54.2	29.7	7th	61.2	28th	.261	.253	.257	74.1	84.2	79.2
June	-	30.069	56.1	52.0	54.1	44.3	62.2	33.7	10th	69.9	12th	.343	.327	.335	76.2	83.9	80.1
July	-	30.158	60.8	56.7	58.8	50.2	67.1	39.5	1st	81.0	25th	.425	.412	.419	79.1	88.8	84.0
August	-	29.992	57.5	52.9	55.2	47.0	63.2	35.9	14th	71.0	16th	.372	.362	.367	78.4	89.4	83.9
September	-	.818	54.8	50.8	52.8	44.4	60.7	31.9	27th	67.3	12th	.341	.321	.331	78.7	85.3	82.0
October	-	.777	45.6	43.5	44.6	38.7	50.5	30.1	25th	57.0	17th	.261	.253	.257	84.9	88.6	86.8
November	-	29.840	45.5	44.2	44.9	39.3	49.6	24.3	15th	61.6	3rd	.267	.263	.265	86.7	89.2	88.0
December	-	30.187	40.5	40.8	40.7	35.0	45.9	18.7	11th	59.5	17th	.226	.230	.228	87.4	86.9	87.2
Year	-	29.903	48.4	45.7	47.1	39.8	53.8	—	—	—	—	.286	.277	.282	81.9	86.9	84.4

DUBLIN (FITZWILLIAM SQUARE) -
Long. 6° 15' W. Lat. 53° 20' N. Height above Mean Sea Level, 54 feet.

Height above Mean Sea Level, 54 feet.																										
		ins.													in.		in.		in.		%		%		%	
January	-	29.799	41.0	41.6	41.3	37.8	45.1	29.0	13th	53.7	29th	221	222	222	84.7	83.9	84.3									
February	-	29.543	42.9	42.6	42.8	38.6	48.5	26.1	19th	58.4	26th	233	228	231	83.1	81.9	82.5									
March	-	30.091	40.7	41.4	41.1	35.7	47.8	29.0	{ 12th 15th }	58.6	26th	207	214	211	81.4	81.9	81.7									
April	-	29.776	47.0	45.1	46.1	40.6	52.7	32.2	3rd	66.1	19th	251	247	249	77.7	81.9	79.8									
May	-	29.779	50.2	47.1	48.7	41.9	55.4	32.7	7th	64.5	28th	258	258	258	71.1	79.9	75.5									
June	-	30.066	57.6	55.2	56.4	48.8	63.5	40.9	10th	73.3	3rd	343	329	336	72.2	75.7	74.0									
July	-	30.162	61.4	59.8	60.6	54.0	67.6	44.7	1st	77.0	25th	416	425	421	76.0	82.1	79.1									
August	-	29.992	57.6	55.6	56.6	50.7	63.4	41.2	14th	71.4	17th	385	381	383	80.7	85.8	83.3									
September	-	81.6	54.2	52.4	53.3	47.7	61.0	34.4	27th	68.9	12th	344	335	340	81.4	84.1	82.8									
October	-	773	45.0	44.5	44.8	40.6	50.3	33.2	25th	57.1	2nd	262	257	260	87.3	87.5	87.4									
November	-	29.838	45.8	45.4	45.6	41.8	49.9	31.0	15th	62.1	3rd	271	271	271	86.8	88.4	87.6									
December	-	30.184	41.7	42.1	41.9	37.8	46.2	24.3	11th	57.7	16th	228	230	229	84.6	83.4	84.0									
Year	-	29.902	48.8	47.7	48.3	43.0	54.3	—	—	—	—	285	283	284	80.6	83.0	81.8									

PARSONSTOWN (BIRR CASTLE) -
Long. 7° 55' W. Lat. 53° 6' N. Height above Mean Sea Level, 182 feet.

Height above Mean Sea Level, 182 feet.																
	ins.										in.	in.	in.	%	%	%
January -	29.779	39.2	39.4	39.3	34.6	44.6	23.0	15th	52.7	26th	.226	.230	.228	92.1	93.0	92.6
February -	29.540	40.8	40.0	40.4	35.1	47.9	21.9	19th	58.0	26th	.232	.229	.231	88.8	89.4	89.1
March -	30.110	40.3	39.0	39.7	32.4	48.6	21.8	10th	55.6	20th	.215	.217	.216	84.4	89.5	87.0
April -	29.764	47.3	42.8	45.1	36.4	53.3	28.7	3rd	65.4	19th	.269	.250	.260	81.8	90.2	86.0
May -	29.789	49.7	45.2	47.5	39.5	54.7	28.0	7th	63.0	27th	.272	.260	.266	76.0	85.4	80.7
June -	30.078	56.7	53.7	55.2	45.6	63.9	35.8	26th	71.7	11th	.344	.342	.343	74.6	82.6	78.6
July -	30.160	61.0	58.8	59.9	51.8	67.9	39.3	14th	79.0	25th	.435	.439	.437	81.0	87.5	84.3
August -	29.993	57.6	54.8	56.2	48.0	65.2	34.9	14th	76.4	1st	.378	.378	.378	79.5	87.6	83.6
September -	.825	53.8	50.0	51.9	44.6	60.1	29.8	27th	68.9	14th	.340	.322	.331	81.4	88.1	84.8
October -	.815	44.9	43.2	44.1	38.1	50.8	29.3	22nd	56.0	{ 15th 17th }	.249	.246	.248	83.0	87.4	85.2
November	29.822	44.7	44.3	44.5	39.2	49.7	21.8	15th	60.7	3rd	.261	.255	.258	86.8	85.5	86.2
December	30.201	39.5	40.4	40.0	35.3	45.5	19.8	8th	57.2	16th	.223	.226	.225	88.5	86.8	87.7
Year	29.906	48.0	46.0	47.0	40.1	54.4	—	—	—	—	.287	.283	.285	83.2	87.8	85.5

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

DUBLIN (PHENIX PARK).

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

1885.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of								
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.	
January -	7.1	5.4	6.3	ins. 2.040	ins. 4.00	2nd	23	5	3	0	6	12	0	3	4	5	17	6	13	5	4	5	
February -	6.0	4.8	5.4	1.660	4.40	8th	23	4	0	0	3	6	0	1	0	1	2	11	18	10	1	12	
March -	6.2	4.5	5.4	1.690	4.70	3rd	18	1	5	0	6	8	1	7	5	1	4	3	6	12	5	19	
April -	6.6	4.5	5.6	2.115	7.20	21st	15	0	1	0	5	8	0	4	8	1	6	4	10	4	6	17	
May -	7.2	4.5	5.9	2.065	4.20	19th	23	2	6	1	0	5	0	4	3	1	3	4	7	14	8	18	
June -	6.7	3.9	5.3	1.050	3.00	23rd	10	0	0	0	5	5	0	5	7	1	1	1	9	4	7	25	
July -	6.8	4.5	5.7	1.320	5.25	19th	13	0	0	0	3	7	0	0	3	5	0	5	13	11	0	25	
August -	7.2	4.5	5.9	2.750	1.190	4th	14	0	1	1	4	8	0	2	6	10	1	3	2	7	5	26	
September -	5.9	4.8	5.4	2.980	4.40	2nd	23	0	0	1	1	5	0	2	1	3	1	7	15	15	4	12	
October -	6.5	6.0	6.3	3.330	9.90	6th	28	0	2	1	3	9	0	6	10	0	1	0	12	15	8	10	
November -	7.2	6.8	7.0	1.780	4.80	26th	23	0	0	0	4	13	0	0	3	8	11	3	10	8	3	14	
December -	7.3	6.4	6.9	0.725	1.20	2nd	18	7	4	0	4	15	1	3	1	2	2	8	12	12	3	19	
Year -	6.7	5.1	5.9	23.505	—	—	231	19	22	4	44	101	2	37	51	38	49	55	127	117	54	202	

DUBLIN (FITZWILLIAM SQUARE).

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

Thermometers, F. 1885.																									
Month	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th	16th	17th	18th	19th	20th	21st	22nd	23rd	24th	25th
January	-	7.2	6.5	6.9	ins. 1.617	ins. 3.21	7th	23	3	3	0	4	15	4	2	4	3	14	13	8	11	4	3		
February	-	6.0	4.8	5.4	2.812	.920	16th	19	2	2	0	6	4	3	1	2	2	4	9	16	14	5	3		
March	-	6.1	5.1	5.6	1.530	.305	3rd	13	3	4	0	4	8	2	8	6	4	4	4	4	17	7	8		
April	-	6.3	4.8	5.6	2.911	.620	21st	16	1	2	0	4	7	2	7	6	10	5	8	9	5	4	6		
May	-	6.6	4.8	5.7	2.532	.489	19th	23	2	11	1	1	4	0	5	5	4	3	4	9	18	10	4		
June	-	6.3	3.9	5.1	1.506	.501	7th	8	0	0	0	6	3	0	9	11	6	2	4	8	11	7	2		
July	-	6.3	4.4	5.4	1.154	.542	19th	10	0	0	0	5	5	0	2	4	7	3	2	14	22	3	5		
August	-	6.6	4.0	5.3	3.050	1.719	4th	14	0	2	2	2	6	2	9	11	10	4	4	4	3	10	7		
September	-	5.3	4.5	4.9	2.862	.364	23	0	3	0	4	5	3	6	0	1	4	7	14	17	9	2			
October	-	6.3	5.1	5.7	3.500	.994	6th	22	0	7	1	6	11	3	9	6	4	1	1	4	17	15	5		
November	-	6.8	6.5	6.7	2.398	.876	26th	17	1	1	0	5	13	3	0	1	12	16	7	8	10	5	1		
December	-	7.1	6.1	6.6	0.742	.161	5th	10	4	2	0	5	16	5	4	0	7	2	3	8	28	6	4		
Year	-	6.4	5.0	5.7	26.614	—	—	198	16	37	4	52	97	27	62	56	70	62	66	106	173	85	50		

KILLARNEY

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

1885.		Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
			9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	
						Min.	Max.	Min.	Day.	Max.	Day.							
January	-	ins. 29.762	41.1	41.9	41.5	36.3	46.8	21.9	15th	54.4	10th	in. 23.3	in. 24.5	in. 23.9	88.9	88.6	88.8	
February	-	29.539	43.2	42.7	43.0	38.1	48.7	22.2	19th	55.8	{ 10th 26th	25.0	24.6	24.8	87.6	88.0	87.8	
March	-	30.112	42.2	40.4	41.3	33.3	49.2	23.1	12th	56.3	26th	23.4	23.4	23.4	85.7	91.1	88.4	
April	-	29.752	47.2	43.7	45.5	37.3	52.9	27.6	16th	61.5	19th	27.0	25.2	26.1	83.1	88.4	85.8	
May	-	29.803	49.5	46.4	48.0	40.2	54.3	27.5	7th	61.1	31st	27.0	27.2	27.1	76.4	85.9	81.2	
June	-	—	56.4	—	—	46.3	63.5	37.0	{ 10th 26th	72.2	28th	36.7	—	—	80.7	—	—	
July	-	—	60.4	—	—	52.3	67.1	38.2	14th	77.6	27th	45.0	—	—	85.4	—	—	
August	-	29.982	58.2	56.2	57.2	50.1	66.7	43.7	20th	77.7	1st	42.0	40.8	41.4	86.3	89.9	88.1	
September	-	.839	55.3	52.3	53.8	47.2	60.9	31.5	{ 26th 27th	69.0	2nd	38.0	34.7	36.4	85.0	87.9	86.5	
October	-	.843	46.7	46.1	46.4	40.2	52.0	30.5	22nd	60.1	2nd	27.8	27.7	27.8	86.7	89.0	87.9	
November	-	29.788	47.3	47.2	47.3	41.9	51.2	24.7	15th	58.1	3rd	29.2	29.2	29.2	88.0	88.9	88.5	
December	-	30.203	41.1	41.6	41.4	36.0	47.1	19.3	9th	56.0	16th	23.9	24.8	24.4	89.9	91.4	90.7	
Year	-	—	49.1	—	—	41.6	55.0	—	—	—	—	30.7	—	—	85.3	—	—	

KILLARNEY.

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

1885.	Amount of Cloud.			Rainfall.			Weather, No. of Days of								Wind, No. of Observations of							
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
January	7.1	6.7	6.9	ins. 6.820	ins. 7.73	7th	24	0	3	0	1	13	8	2	6	6	11	7	9	9	4	8
February	7.3	6.3	6.8	8.439	2.320	21st	23	1	3	0	3	10	6	4	3	6	2	5	14	14	0	8
March	6.7	4.8	5.8	4.199	1.090	28th	17	1	2	0	5	10	3	6	6	6	5	1	6	7	7	18
April	6.7	5.9	6.3	3.922	7.35	5th	17	1	2	0	3	13	2	5	7	8	2	9	14	4	3	8
May	7.9	6.7	7.3	3.073	6.50	27th	25	0	2	0	0	12	5	6	4	4	2	3	6	13	10	14
June	6.4	—	—	2.270	8.80	4th	11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July	7.1	—	—	1.480	4.90	10th	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August	6.5	6.2	6.4	3.455	1.290	8th	15	0	0	1	3	10	1	7	10	10	3	2	3	3	2	22
September	8.4	6.7	7.6	6.611	1.030	29th	26	0	1	1	0	12	4	5	3	0	1	4	12	7	12	16
October	7.5	7.3	7.4	5.185	8.10	25th	24	0	4	0	0	12	1	12	9	2	1	0	4	11	13	10
November	8.1	7.8	8.0	4.515	8.55	27th	18	0	0	0	0	20	3	1	3	12	12	2	4	11	5	10
December	7.7	6.7	7.2	2.725	5.00	3rd	14	0	0	0	2	16	5	3	5	3	5	1	5	12	7	21
Year	7.3	—	—	52.694	—	—	223	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

PART III.—ANNUAL SUMMARY of OBSERVATIONS taken at 9 a.m. and
1885

Stations.				Mean Pressure.	Air Temperature.										Tension of Vapour.			Relative Humidity.		
Name.	Height above Mean Sea Level.	Long.	Lat.		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.							
Sandwich	feet. 94	3 18 W.	59 2 N.	ins. —	—	—	—	—	—	—	—	67.9	July 25th	in. —	in. —	in. —	% —	% —	% —	
Dunrobin Castle	12	3 59 W.	57 57 N.	29.817	45.5	44.0	44.8	39.4	50.3	21.7	Dec. 7th	72.1	July 2nd	266	257	262	85.1	87.2	86.2	
Braemar	1,111	3 24 W.	57 0 N.	825	41.6	40.8	41.2	35.3	48.8	4.5	Jan. 16th	80.7	July 24th	222	225	224	81.2	84.6	82.9	
Laudale	14	5 41 W.	56 41 N.	834	46.5	45.5	46.0	40.9	51.5	19.9	Dec. 7th	76.1	July 24th	272	268	270	83.5	85.7	84.6	
Dundee	160	2 56 W.	56 28 N.	836	45.9	43.5	44.7	39.1	51.9	16.5	Nov. 18th	79.3	July 25th	265	259	262	83.1	88.2	85.7	
Rothsay	115	5 4 W.	55 50 N.	862	46.8	44.6	45.7	40.5	52.7	21.0	Dec. 7th	78.1	July 24th	274	267	271	82.3	87.0	84.7	
Pinmore	187	4 49 W.	55 12 N.	865 900	46.2	43.5	44.9	38.0	52.7	14.5	Dec. 8th	79.9	July 25th	270	259	265	82.4	87.7	85.1	
Sealeby (near Carlisle)	111	2 52 W.	54 58 N.	869	46.2	44.2	45.2	38.6	53.0	13.4	Dec. 8th	81.7	July 24th	266	261	264	82.2	86.9	84.6	
Seaham Harbour	58	1 19 W.	54 50 N.	869	48.2	45.5	46.9	41.3	52.8	23.1	Dec. 11th	79.5	July 25th	283	273	278	81.7	86.7	84.2	
Durham*	336	1 35 W.	54 46 N.	877	47.9	43.5	45.7	38.7	52.8	18.8	Dec. 8th	84.4	July 25th	279	262	271	81.8	89.3	85.6	
Newton Reigny	579	2 48 W.	54 41 N.	886	44.8	43.1	44.0	37.7	51.0	13.8	Dec. 8th	79.3	July 24th	255	249	252	82.9	86.0	84.5	
Aysgarth	658	1 58 W.	54 18 N.	—	45.7	43.2	44.5	—	51.0	17.6	Feb. 21st	79.3	July 26th	259	251	255	81.4	88.3	83.9	
Scarborough	129	0 23 W.	54 17 N.	891	47.9	46.5	47.2	42.5	52.2	25.0	Dec. 11th	79.6	June 4th	288	283	286	84.3	87.2	85.8	
Cronkbourne (Isle of Man)	137	4 29 W.	54 10 N.	896	48.5	45.9	47.2	41.6	52.1	25.0	Dec. 8th	77.9	July 24th	308	292	300	87.2	91.2	89.2	
York (Museum)	51	1 5 W.	53 57 N.	906	46.8	46.0	46.4	40.1	53.8	15.2	Dec. 11th	85.0	July 25th	268	272	270	82.3	85.6	84.0	
Stonyhurst	375	2 28 W.	53 51 N.	914	46.7	45.2	46.0	39.8	52.8	19.9	Dec. 11th	79.4	July 24th	262	260	261	79.4	82.7	81.1	
Wakefield	96	1 30 W.	53 41 N.	995	47.6	46.0	46.8	40.0	53.6	20.1	Feb. 21st	84.4	July 26th	294	291	293	86.4	90.2	88.3	
Prestwich (Manchester)	294	2 17 W.	53 32 N.	903	46.3	45.0	45.7	40.4	52.7	20.0	Dec. 23rd	80.6	July 26th	267	268	268	82.6	86.5	84.6	
Llandudno	88	3 50 W.	53 21 N.	904	49.5	47.9	49.7	43.3	53.5	26.2	Dec. 8th	75.5	July 26th	284	281	283	78.4	81.8	80.1	
Buxton	987	1 54 W.	53 14 N.	—	44.5	—	—	37.1	50.8	12.2	Feb. 20th	81.6	July 25th	253	—	—	84.1	—	—	
Cheadle	646	1 57 W.	52 58 N.	—	44.9	44.3	44.6	39.3	51.9	21.0	Dec. 11th	82.8	July 25th	265	267	266	86.5	89.2	87.9	
Hillington (Norfolk)	88	0 33 E.	52 48 N.	921	48.3	45.0	46.7	39.8	54.8	15.5	Dec. 11th	88.1	July 25th	299	283	291	85.7	91.2	88.5	
Leicester	237	1 8 W.	52 39 N.	915	48.2	47.2	47.7	41.0	55.5	22.0	Feb. 21st	90.8	July 25th	277	271	274	79.9	80.7	80.3	
Uppingham	484	0 44 W.	52 35 N.	921	46.5	44.6	45.6	39.9	54.0	20.3	Jan. 22nd	90.3	July 26th	282	274	278	85.3	89.2	87.3	
Churchstoke	538	3 5 W.	52 31 N.	938	46.7	44.5	45.6	38.7	53.2	18.4	Dec. 11th	83.1	July 26th	279	269	274	84.4	88.1	86.3	
Geldeston (Beccles)	37	1 31 E.	52 28 N.	932	48.8	46.2	47.5	40.8	54.0	19.9	Dec. 11th	81.0	June 5th	287	286	287	81.2	88.0	84.6	
Cheltenham	184	2 3 W.	51 54 N.	934	48.0	46.4	47.2	40.1	54.9	16.0	Dec. 11th	85.5	{ July 25th } { July 26th }	291	288	290	83.9	88.2	86.1	
St. David's, Pembroke	215	5 16 W.	51 53 N.	923	49.0	47.2	48.1	43.4	52.6	27.0	Dec. 10th	75.1	July 26th	308	301	305	86.1	89.8	88.0	
Carmarthen	188	4 18 W.	51 52 N.	923	49.7	46.3	48.0	41.5	54.9	18.5	Dec. 11th	84.2	July 27th	301	292	297	82.0	89.7	85.9	
Marlborough	471	1 43 W.	51 25 N.	953	47.6	45.4	46.5	40.0	54.5	19.0	Dec. 11th	87.1	July 26th	283	279	281	83.0	88.0	85.5	
Margate	83	1 24 E.	51 24 N.	952	49.3	47.5	48.4	43.4	54.1	24.2	Jan. 21st	81.4	July 11th	293	298	291	80.8	85.0	82.9	
Southampton	78	1 24 W.	50 55 N.	955	50.3	48.0	49.2	42.7	56.8	22.6	Dec. 11th	91.4	July 26th	305	301	303	81.3	86.7	84.0	
St. Leonards	116	0 33 E.	50 51 N.	951	49.8	47.9	48.9	44.3	54.3	24.5	Dec. 11th	86.6	July 26th	304	296	300	82.1	88.8	84.0	
Southbourne	90	1 48 W.	50 44 N.	940	49.4	47.6	48.5	42.7	54.9	21.3	Dec. 11th	82.7	July 27th	297	291	294	81.5	85.3	83.4	
Babbacombe	293	3 31 W.	50 29 N.	952	50.4	47.9	49.2	43.9	55.3	23.3	Dec. 11th	85.6	July 26th	302	294	298	80.5	85.6	83.1	
Totnes	93	3 43 W.	50 27 N.	952	51.2	47.4	49.3	40.9	57.3	17.4	Dec. 11th	88.2	July 26th	311	303	307	80.4	89.4	84.9	
St. Aubin's (Jersey)	139	2 10 W.	49 11 N.	997	52.1	49.7	50.9	46.2	56.6	24.8	Jan. 21st	83.2	July 26th	315	310	313	79.2	84.4	81.8	
Londonderry	93	7 19 W.	55 0 N.	880	47.9	45.6	46.8	40.9	54.3	22.0	Feb. 19th	83.0	July 24th	283	277	280	82.6	87.9	85.3	
Armagh	203	6 39 W.	54 21 N.	880	47.3	44.8	46.1	39.9	53.6	22.8	Dec. 8th	78.4	July 25th	281	270	276	83.9	88.2	86.1	
Brookeborough (Colbrook Park)	278	7 22 W.	54 21 N.	867	46.5	44.3	45.4	38.9	52.9	17.8	Dec. 11th	78.9	Aug. 1st	285	273	279	87.8	91.6	89.7	
Markree Castle (Sligo)	131	8 27 W.	54 11 N.	858	47.4	44.9	46.2	39.1	52.8	17.6	Dec. 8th	77.9	July 24th	287	275	281	85.1	89.4	87.3	
Glasnevin	64	6 16 W.	53 23 N.	902	48.6	46.4	47.5	39.5	54.5	18.6	Dec. 11th	76.8	July 26th	305	293	299	86.1	89.8	88.0	
Dublin (Phoenix Park)	162	6 21 W.	53 22 N.	903	48.4	45.7	47.1	39.8	53.8	18.7	Dec. 11th	81.0	July 25th	286	277	282	81.9	86.9	84.4	
Dublin (City)	54	6 15 W.	53 20 N.	902	48.8	47.7	48.3	43.0	54.3	24.3	Dec. 11th	77.0	July 25th	285	283	284	80.6	83.0	81.8	
Parsonstown (Birr Castle)	182	7 55 W.	53 6 N.	29.906	48.0	46.0	47.0	40.1	54.4	19.8	Dec. 8th	79.0	July 25th	287	283	285	83.2	87.8	85.5	
Killarney	93	9 30 W.	52 4 N.	—	49.1	—	—	41.6	55.0	19.3	Dec. 9th	77.7	Aug. 1st	307	—	—	85.3	—	—	

* The observations at Durham, till September 30th, were taken at 10 a.m. and 10 p.m. each day.

9 p.m. each Day, Local Time, at BRITISH STATIONS OF THE SECOND ORDER.
1885.

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.		
—	—	—	ins.	ins.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Sandwich.
—	—	—	28.800	7.20	Mar. 17th	151	24	2	0	—	—	—	85	125	68	114	24	81	90	143	0	—	Dunrobin Castle.
6.3	6.0	6.2	38.080	3.440	Aug. 12th	190	58	0	1	19	65	31	44	104	68	42	39	329	45	59	0	—	Braemar.
7.5	6.7	7.1	81.110	1.900	{ Dec. 3rd } { Dec. 31st }	235	45	20	5	28	165	36	56	12	60	71	108	56	132	73	162	—	Laudale.
7.7	8.1	7.9	23.340	.990	Mar. 29th	188	23	13	6	9	207	47	19	105	35	139	34	134	156	108	0	—	Dundee.
—	—	—	42.884	1.250	Sept. 11th	207	14	6	3	—	—	—	29	84	76	68	73	105	110	121	64	—	Rothessay.
—	—	—	45.920	1.360	Nov. 26th	196	—	—	—	—	—	11	78	29	23	60	116	87	39	65	233	—	Pinmore.
7.0	5.9	6.5	27.870	1.200	Sept. 12th	178	12	7	4	39	149	22	42	70	124	30	32	227	70	21	114	—	Scauby.
6.9	5.8	6.4	26.159	1.080	Aug. 5th	186	24	7	11	36	133	18	76	47	36	38	82	124	130	55	142	—	Seaham Harbour.
7.5	6.1	6.8	25.607	1.305	Aug. 5th	181	20	7	7	29	155	7	69	77	31	26	103	151	96	70	107	—	Durham.*
7.6	6.0	6.8	31.510	1.130	Nov. 26th	206	26	10	7	32	150	7	35	33	56	115	100	88	113	56	134	—	Newton Reigny.
7.1	6.1	6.6	33.210	1.130	Oct. 22nd	195	41	8	11	30	142	29	56	108	44	31	36	151	134	52	118	—	Aysgarth.
6.7	6.2	6.5	25.050	.960	Oct. 23rd	194	22	15	7	30	136	2	90	84	57	70	35	159	132	81	22	—	Scarborough.
7.3	6.4	6.9	40.350	1.338	Sept. 11th	185	9	24	5	24	150	72	69	59	87	65	76	103	114	99	58	—	Cronkbourne.
6.9	6.0	6.5	22.490	.740	Oct. 23rd	187	13	3	9	41	137	10	134	54	78	47	141	55	167	48	3	—	York (Museum).
8.2	7.2	7.7	39.808	1.230	Aug. 12th	199	10	17	11	24	122	1	40	113	47	22	63	116	115	38	176	—	Stonyhurst.
7.3	6.6	7.0	22.860	1.140	Oct. 23rd	187	5	3	9	23	164	28	104	43	87	51	114	120	138	67	6	—	Wakefield.
7.6	5.8	6.7	36.780	1.410	Sept. 2nd	202	24	17	16	43	165	10	72	12	126	37	142	10	118	33	180	—	Prestwich.
7.2	6.2	6.7	22.825	.890	Oct. 6th	153	3	9	3	34	158	24	59	76	88	41	55	133	205	73	0	—	Llandudno.
6.7	—	—	48.919	1.730	Jan. 10th	202	39	18	13	—	—	—	—	—	—	—	—	—	—	—	—	—	Buxton.
6.7	6.0	6.4	30.250	1.180	Oct. 6th	201	26	15	15	41	134	19	91	51	137	51	85	101	79	105	30	—	Chendale.
7.3	6.4	6.9	29.276	1.020	Oct. 6th	195	19	12	12	30	158	16	54	132	65	79	60	189	59	92	0	—	Hillington.
7.0	5.7	6.4	28.140	1.250	Oct. 23rd	186	13	7	8	51	147	2	48	163	15	49	36	262	44	65	48	—	Leicester.
7.2	6.4	6.8	27.536	1.227	June 8th	183	22	4	9	43	172	23	101	80	49	37	121	118	89	72	63	—	Uppingham.
7.4	6.5	7.0	33.803	2.372	Aug. 4th	192	24	11	10	37	177	11	32	51	60	104	27	125	154	111	66	—	Churchstoke.
6.7	5.6	6.2	25.660	2.020	Sept. 10th	185	12	19	13	66	145	1	93	69	93	43	69	130	127	52	54	—	Geldeston.
6.7	5.9	6.3	26.450	1.050	Sept. 10th	193	11	4	7	44	127	25	48	45	43	48	117	111	103	67	148	—	Cheltenham.
6.8	6.0	6.4	38.959	1.045	Feb. 23rd	212	9	22	7	30	122	30	91	119	61	73	62	147	76	63	38	—	St. David's.
6.6	5.7	6.2	49.180	1.410	Nov. 27th	212	2	13	3	43	118	14	103	35	121	43	52	127	81	39	129	—	Carmarthen.
6.9	5.7	6.3	32.122	1.990	Sept. 10th	192	14	10	5	54	151	0	29	22	51	19	32	102	38	28	409	—	Marlborough.
6.6	5.5	6.1	21.720	.970	Sept. 16th	159	10	8	5	57	139	0	85	49	112	46	87	161	55	44	91	—	Margate.
7.0	5.4	6.2	30.094	1.195	Sept. 10th	184	6	11	7	70	149	10	51	142	39	74	43	184	55	97	45	—	Southampton.
6.0	5.0	5.5	28.618	1.318	Sept. 16th	181	7	5	9	71	104	35	64	113	82	54	66	117	115	84	35	—	St. Leonards.
5.9	4.8	5.4	27.260	1.090	Sept. 10th	164	1	1	3	71	102	32	94	113	46	29	39	134	96	93	86	—	Southbourne.
6.9	5.9	6.4	34.400	1.310	May 21st	188	9	25	6	46	141	51	69	107	95	35	57	158	118	85	6	—	Babbacombe.
6.7	5.7	6.2	42.980	1.520	Feb. 26th	203	3	7	4	46	149	35	78	53	60	43	39	124	77	65	191	—	Totnes.
6.7	5.7	6.2	29.245	1.002	Oct. 30th	183	3	18	13	44	133	10	51	153	65	46	44	129	56	72	114	—	St. Aubin's (Jersey).
7.5	6.4	7.0	31.770	.910	Oct. 4th	230	15	26	2	31	166	1	73	93	33	51	105	165	97	85	28	—	Londonderry.
7.5	6.3	6.9	25.626	.820	Sept. 14th	213	12	5	4	34	173	2	72	71	44	54	117	190	60	50	72	—	Armagh.
8.7	6.6	7.7	38.404	.968	July 17th	167	2	1	0	20	209	1	100	45	23	32	80	211	57	32	150	—	Brookeborough.
8.5	8.1	8.3	36.520	1.160	July 17th	247	8	14	1	7	238	11	86	25	31	127	114	86	40	62	159	—	Markree Castle.
6.4	4.8	5.6	20.820	1.040	Aug. 4th	157	9	26	3	33	73	1	20	79	27	80	18	176	73	124	133	—	Glasnevin.
6.7	5.1	5.9	23.505	1.190	Aug. 4th	231	19	22	4	44	101	2	37	51	38	49	55	127	117	54	202	—	Phoenix Park.
6.4	5.0	5.7	26.614	1.719	Aug. 4th	198	16	37	4	52	97	27	62	56	70	62	66	166	173	85	50	—	Dublin (City).
7.0	6.8	6.9	30.263	.810	Sept. 14th	193	9	21	2	30	161	0	50	43	17	95	90	140	44	71	180	—	Parsonstown.
7.3	—	—	52.694	2.320	Feb. 21st	225	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Killarney.

PART IV.
TABLE showing the NUMBER of HOURS of BRIGHT SUNSHINE at those STATIONS supplied with SUNSHINE RECORDERS, together with the PER-CENTAGE of its possible DURATION.

1885.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		1886.
	Hours.	%.	Hours.	%.	Hours.	%.	Hours.	%.	Hours.	%.	Hours.	%.	Hours.	%.	Hours.	%.	Hours.	%.	Hours.	%.	Hours.	%.	Hours.	%.	
Sandwich.	9	4	45	47	54	45	157	87	161	81	174	32	155	29	91	49	110	29	59	79	26	42	—	—	Sandwich.
Durham.	17	7	41	45	—	—	—	—	—	—	180	35	183	36	99	22	139	37	77	24	31	42	51	24	Durham.
Newton Reigry.	20	8	36	44	94	26	134	32	153	31	196	38	221	43	119	26	126	34	61	19	40	46	32	45	Newton Reigry.
Cronkbourne (I. Man).	32	13	64	24	127	35	169	40	200	41	217	43	229	45	177	39	146	39	117	36	52	24	33	45	Cronkbourne (I. Man).
York.	3	1	29	11	69	19	87	24	161	33	168	33	170	34	61	13	139	37	64	20	17	7	12	32	York.
Stonyhurst.	11	5	35	43	98	27	136	33	153	31	197	39	217	43	131	29	131	35	63	20	38	45	37	17	Stonyhurst.
Llandudno.	—	—	45	17	96	26	147	35	183	38	195	39	213	43	173	38	127	34	61	19	44	47	31	44	Llandudno.
Buxton.	8	3	19	7	82	23	119	29	123	25	160	32	189	38	97	22	106	28	39	12	26	40	15	7	Buxton.
Hillington.	29	12	48	18	122	34	157	38	186	38	207	41	204	41	126	28	138	37	87	27	46	48	47	21	Hillington.
Leicester.	12	5	44	16	90	25	130	31	166	34	184	37	213	43	117	26	127	34	75	23	38	45	16	7	Leicester.
Churchstoke.	12	5	63	23	90	25	138	33	174	36	203	41	214	43	148	33	146	39	80	25	39	45	32	14	Churchstoke.
Geldeston.	44	18	67	25	157	43	197	48	195	40	249	51	215	44	146	33	155	41	89	27	57	22	65	28	Geldeston.
St. David's, Pembroke*.	31	12	73	27	139	38	194	47	216	45	236	48	245	50	247	55	144	39	105	32	50	19	39	17	St. David's, Pembroke*.
Marlborough.	17	7	49	18	115	32	155	38	173	36	216	44	224	46	172	39	117	31	103	32	30	11	47	20	Marlborough.
Southampton.	19	7	52	19	133	37	179	44	187	39	213	41	255	52	198	45	128	34	105	32	41	16	52	22	Southampton.
St. Leonards.	35	14	70	25	157	43	191	46	213	45	267	55	246	50	185	42	138	37	100	31	55	24	63	26	St. Leonards.
Southbourne.	30	12	54	20	127	35	177	43	179	38	196	40	241	49	196	44	130	35	105	32	38	45	51	21	Southbourne.
St. Aubin's, Jersey.	43	16	75	27	160	44	217	53	245	52	214	45	289	60	265	60	163	44	110	33	45	17	59	24	St. Aubin's, Jersey.
Armagh.	47	19	69	26	88	24	116	28	157	32	170	34	152	30	115	25	109	29	93	29	50	20	30	13	Armagh.
Markree Castle.	50	21	71	27	98	27	144	34	195	40	160	32	136	27	136	30	90	24	94	29	49	20	34	15	Markree Castle.
Dublin†.	51	21	88	33	120	33	142	34	187	38	194	39	177	35	177	39	156	42	103	32	52	20	49	21	Dublin†.
Parsonstown.	64	26	79	29	116	32	131	32	170	35	205	41	147	29	183	41	136	36	110	34	52	20	39	17	Parsonstown.

SELF-RECORDING OBSERVATORIES.

Valencia.	50	20	62	23	136	37	166	40	266	43	220	45	169	34	209	47	118	32	96	30	42	46	41	48	Valencia.
Glasgow.	12	5	48	18	89	25	134	32	122	24	152	29	150	29	122	27	106	28	78	23	14	6	17	8	Glasgow.
Aberdeen.	15	7	79	30	112	31	158	37	165	33	197	37	215	41	150	32	143	38	104	33	45	49	56	28	Aberdeen.
Falmouth.	40	15	47	17	136	37	184	45	187	40	205	42	219	45	235	53	138	37	109	33	45	47	61	23	Falmouth.
Kew.	16	6	54	19	107	29	162	38	200	41	232	47	244	49	160	39	125	33	93	29	39	44	49	20	Kew.

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

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

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