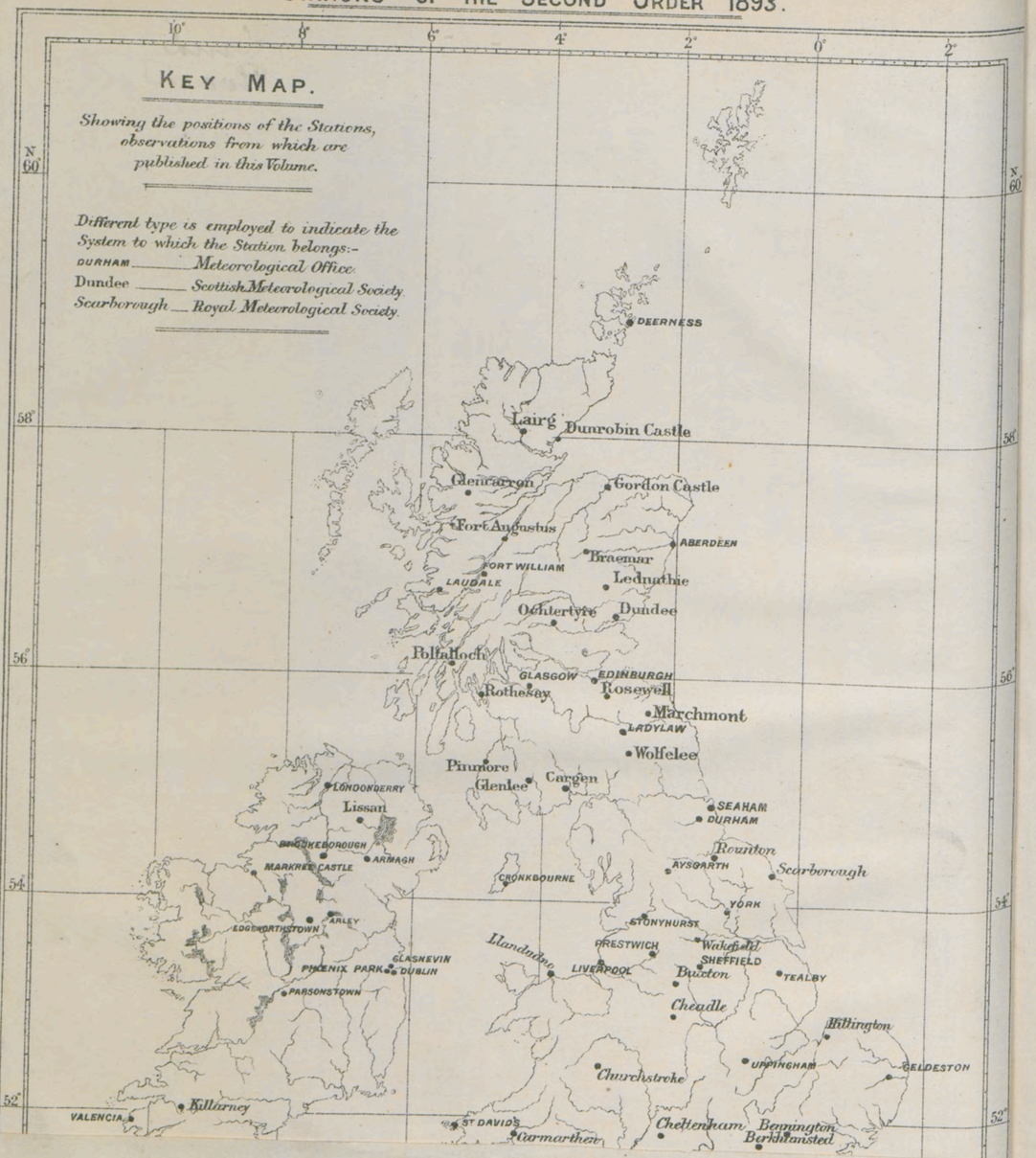
STATIONS OF THE SECOND ORDER 1893.



Official, No. 125.

METEOROLOGICAL OFFICE
~~Land~~ Room 2
21 MAY 1897

METEOROLOGICAL OBSERVATIONS

AT

STATIONS OF THE SECOND ORDER

For the Year 1893.

With Frontispiece Map.

Published by Direction of the Meteorological Council.

LONDON:
PRINTED FOR HER MAJESTY'S STATIONERY OFFICE,
BY EYRE AND SPOTTISWOODE,
PRINTERS TO THE QUEEN'S MOST EXCELLENT MAJESTY.

And to be purchased, either directly or through any Bookseller, from
EYRE AND SPOTTISWOODE, EAST HARDING STREET, FLEET STREET, E.C.; or
JOHN MENZIES & Co., 12, HANOVER STREET, EDINBURGH, and
90, WEST NILE STREET, GLASGOW; or
HODGES, FIGGIS, & Co., LIMITED, 104, GRAFTON STREET, DUBLIN.

1897.

E 92733.

Price Twenty-seven Shillings.

ERRATUM.

Page 50.—Cronkbourne, Wind Direction, 18th, p.m., insert "S"; 19th, p.m., insert "E."

OBSERVATIONS

AT

STATIONS OF THE SECOND ORDER, 1893.

Part I.—Detailed Observations.

In the present volume the list of "A" stations, or stations the observations from which are published *in extenso* on the international Form A., differs from that for the years 1886 to 1892, through the fact that owing to the removal of Mr. Glyde the excellent record kept by him at Babbacombe has been discontinued. The South Coast of Devon is, however, still represented in the list by Plymouth which has been transferred from the "B" list for this purpose. The stations still therefore number 21, and are as follow, arranged in the order of latitude, beginning with the most Northerly, but starting afresh for the Irish Stations:—

Stations.	Observers.
Deerness, Orkney	M. Spence.
Dunrobin Castle	D. Melville (for the Duke of Sutherland, K.G.).
Braemar	James Aitken, J.P.
Laudale	A. Fletcher (for T. H. G. Newton, M.A.).
Dundee	W. Ross M'Kelvie.
Glasgow	Prof. L. Becker, Ph. D.
Wolfelee	W. Cockburn.
Scarborough	H. G. H. Monk, M.R.C.S.
Cronkbourne, Isle of Man	A. W. Moore, M.A., F.R.Met.Soc.
Stonyhurst College	Rev. W. Sidgreaves, S.J.
Hillington	Rev. H. Ffolkes, M.A., F.R.Met.Soc.
Churchstoke	P. Wright, F.C.S., F.R.Met.Soc.
Carmarthen	G. J. Hearder, M.D.
Margate	J. Stokes, F.R.Met.Soc.
Southampton	J. T. Cook (for the Director General of Survey).
Plymouth	H. Victor Prigg, A.M.I.C.E.
Londonderry	J. Conroy, F.R.Met.Soc.
Armagh Observatory	J. L. E. Dreyer, Ph.D., F.R.A.S.
Markree Castle	A. Marth, F.R.A.S. (for Colonel Cooper, F.R.A.S.).
Dublin (Phœnix Park)	Corpl. Stone (for Lieut.-Col. Kirkwood, R.E.).
Parsonstown	O. Boeddicker, Ph.D. (for the Earl of Rosse, F.R.S.).

The stations in the above list marked with "S" and "M" are in connexion with the Scottish Meteorological Society and the Royal Meteorological Society respectively. These Returns are published here under an arrangement which is fully detailed in the Annual Reports of the Meteorological Office.

In the "B" list (pages 132–133) the stations are the same as in 1892, but with two additions, viz.:—Sheffield (Weston Park Museum), Observer, Mr. Elijah Howarth, F.R.A.S., and Seaham Harbour, near Sunderland, Observer, Mr. G. H. Aird. The latter re-appears in the list after being absent from it since 1885.

It will be noticed that in this "B" list there are included, as in the years 1886–1892, the Observatories, or Stations of the First Order, in connexion with the

E 92733. 250.—8/96. Wt. 5662.

Meteorological Office. Although the results from these stations, five in number, are already published in detail, abstracts based on two observations daily are included in the present volume in order to make the representation therein of the meteorology of the United Kingdom as complete as possible.

The alterations which were made in the tables themselves in the volume for 1886 have been continued; thus the barometer readings and means, which previously had been reduced to the mean sea level, are now given without that reduction, that is, at station level. They are, however, corrected for instrumental error and reduced to 32° Fahrenheit, as before. To give effect to the recommendation of the International Meteorological Conference that met in Munich in August 1891, the correction to be applied to the barometer readings, as printed, in order to allow for the difference of Gravity at the station, from that at Latitude 45°, is now inserted,—as in the volumes for 1889–1892,— at the head of the tables as "Gravity Correction."

The other alterations are in the hygrometrical values, where the differences between the dry-bulb and wet-bulb readings are given under the heading "Dep. of Wet" (Depression of wet-bulb), and in the heading of the returns, where, in addition to the height of the station above the sea (which, as before, is usually the height of the ground on which the rain-gauge stands), the difference between this and the heights of the various instruments are shown.

It must be remembered also that the heights given in volumes previous to that for 1886, as those of the Irish stations above mean sea level, are in reality the heights of those stations above the datum level of the Irish Ordnance Survey, which is 7 feet lower than the Ordnance datum for Great Britain. In the present volume the heights of all the stations are referred to the mean sea level.

In other respects the general plan of the publication is the same as in previous years, including, as in the volumes from 1883, the printing of the individual barometer readings to the nearest second place of decimals only. The monthly means are, however, given to the third place of decimals as heretofore, and these monthly means having been obtained from the original readings, to three figures, they will be found occasionally to differ ·001 inch from the arithmetical mean of the printed daily readings. When any such difference occurs, the mean, as printed, may be taken as that which is nearer the truth.

The examination and reduction of the observations made at the stations belonging to the Scottish Meteorological Society have been completed by Dr. Buchan, M.A., F.R.S.E., the Secretary of that Society. At these stations, the scale that was employed for wind-force is that known as the land scale, 0–6, and the entries under this head have therefore been multiplied by two, to make them fairly comparable with observations under the Beaufort scale.

The forms in which the observations are published are those adopted for international use by the Meteorological Congress at Rome, 1879, but modified as stated above.

The tables used in the reductions of the barometer readings to 32° Fahrenheit are 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, 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 (except at the stations mentioned above), 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. (at Stonyhurst at 10 a.m.) each morning, and the amount registered entered to the *previous* day. At Wolfelee, however, the amount of *Snow* was not always measured on the day on which it fell, and hence the number of days of precipitation in certain months is doubtful, it being uncertain in some cases whether the amount of snow reached ·005 inch or not.

The following are the symbols adopted by international agreement and used in the "Remarks" columns:—

Rain - - - - ●	Hoar-frost - - - ⊔	‡Solar Corona - - - ○
Snow - - - - ✳	Dew - - - - ⌓	‡Solar Halo - - - ⊕
*Snow lying - - - ⊠	†Silver-thaw ("Rauh-frost," "Duft") V	‡Lunar Corona - - - Ψ
Snow Drifting - - - ⊹	Glazed Frost ("Glatteis") - ~	‡Lunar Halo - - - Ⓤ
Hail - - - - ▲	Thunderstorm - - - ⚡	Rainbow - - - - ⌒
Soft-Hail ("Graupel") - - △	Lightning without Thunder, or Sheet Lightning - - <	Aurora - - - - ⋿
Ice Crystals - - - ←	Strong Wind - - - ↗	Dust Haze ("Höhenrauch") - ∞
Mist, Fog - - - - ≋		

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

e.g. $●^0$ slight Rain.
$●^2$ heavy Rain.

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

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

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

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 symbol for "snow lying" is only to be employed if more than half of the country in sight round the station is covered with snow.

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

‡ In some previous volumes (till 1887) the symbols for Solar and Lunar Halos and Coronæ have been by accident transposed. They are correct as printed above.

DEERNESS.—JANUARY 1893.

Height above Mean Sea Level, 169 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45′ W. Lat. 58° 56′ N. Gravity Correction, + ·036 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	30·03	30·04	32·8	32·2	30·8	37·0	2·8	2·2	·131	·135	70	74	SE 4	SE 1	9	8	·150	⚹ showers, before 9a. Fine day.
2	29·94	29·79	32·0	30·7	29·0	37·8	0·5	1·9	·170	·127	93	73	WNW 1	NNE 7	9	5	·100	⚹ showers.
3	29·93	30·14	32·4	32·3	30·2	33·8	1·2	2·3	·158	·135	85	73	Calm 0	E 1	7	7	·160	⚹ showers.
4	30·20	·23	31·0	31·4	27·5	34·8	0·4	2·4	·163	·123	93	69	SE 6	SE 3	10	2	·040	⚹² (3 in. deep a.)
5	·22	30·12	30·7	32·4	27·0	33·8	3·7	4·0	·091	·106	55	58	ESE 1	SSE 2	0	0	—	⚹ before 9a. Dark red sunrise.
6	·02	29·99	34·0	37·0	30·2	37·8	4·0	2·0	·121	·182	63	83	S 4	SE 6	6	7	·190	
7	·07	30·07	35·8	35·3	32·0	37·8	3·8	2·3	·143	·163	67	78	E 3	ENE 2	4	6	—	
8	30·00	29·88	35·0	37·2	33·3	37·8	3·8	4·0	·134	·151	67	68	E 3	E 2	4	10	—	
9	29·84	29·92	36·0	36·3	30·2	37·8	1·2	1·3	·189	·190	89	89	E 1	NNE 3	9	8	·060	● 0 showers a. ♕
10	30·12	30·26	35·0	33·8	33·3	38·6	1·0	1·6	·184	·162	90	82	NE 3	NE 2	8	1	—	
11	·27	30·15	36·7	38·8	33·0	39·0	1·7	1·8	·186	·201	85	85	NNW 4	NNW 4	10	10	·060	
12	30·07	29·90	38·0	40·0	37·0	40·1	0·7	2·2	·214	·203	94	82	NNW 3	NNW 5	10	1	·130	
13	29·75	·64	38·3	34·8	33·0	42·3	4·1	2·8	·158	·150	67	73	NNW 6	NNW 7	5	10	·320	⚹ showers.
14	·55	·90	31·4	36·2	28·0	38·2	0·6	1·2	·162	·191	91	89	NE 4	N 6	4	2	·050	⚹ (2½ inches deep) n. ● p.
15	·97	·65	33·2	36·1	32·0	37·4	0·4	0·7	·181	·200	94	94	WNW 1	SW 3	10	10	·280	
16	·43	·65	44·0	40·4	35·2	44·0	1·0	2·9	·265	·194	92	78	NW 6	Calm 0	10	4	·290	
17	·52	·54	39·0	40·4	36·6	41·0	1·0	1·4	·218	·222	92	89	NW 5	WSW 4	10	10	·270	
18	·57	·79	44·6	45·0	39·0	46·2	1·4	2·0	·263	·253	90	85	W 6	WSW 7	7	9	·030	
19	·64	·66	45·0	37·0	33·8	46·8	1·8	2·0	·257	·182	85	83	SW 5	WSW 7	5	4	·290	☾ 9p. ♕
20	29·53	29·86	33·0	30·0	27·0	38·3	1·2	2·0	·163	·116	86	69	W 9	NW 7	2	10	—	⚹² n. and p.
21	30·03	30·08	33·0	30·6	29·7	38·8	3·0	0·6	·129	·157	69	91	NNW 6	NW 1	10	10	·120	⚹
22	29·76	29·63	44·2	46·6	30·0	46·8	0·0	0·0	·290	·318	100	100	W 6	W 7	10	10	·240	≋ a. ●² 9p.
23	·57	·53	47·0	45·4	44·4	47·4	0·3	0·4	·316	·295	98	97	W 6	W 4	10	8	·170	∞ 9a. ● a. Mackerel sky 9p.
24	·31	·26	46·2	43·3	42·3	46·8	0·4	2·0	·304	·237	98	84	SW 5	W 8	10	7	·170	
25	·62	·61	37·0	39·3	36·0	44·1	2·8	1·9	·168	·204	77	85	WNW 2	SSW 4	2	1	·100	⊍
26	·04	·24	41·0	37·2	36·7	41·8	1·0	1·0	·235	·202	92	91	S 8	SW 4	10	10	·260	
27	·56	·54	33·6	40·0	32·0	40·0	1·6	1·2	·160	·222	83	90	NW 2	S 5	4	10	—	⊍
28	·29	·19	40·0	39·5	38·0	40·8	2·8	1·3	·193	·216	78	90	S 8	S 4	7	8	—	Mackerel sky.
29	·08	·22	41·5	43·0	38·7	43·0	0·8	1·6	·245	·242	94	87	SSE 7	SSW 4	10	6	·040	
30	·43	·33	42·4	44·3	39·6	44·8	0·6	1·1	·259	·266	95	92	S 3	S 5	10	10	·020	
31	29·21	29·30	42·2	42·3	41·0	44·8	0·6	1·3	·256	·242	95	90	S 2	WSW 4	3	3	·060	
Mean	29·727	29·746	37·6	37·7	33·8	40·6	1·6	1·8	·197	·193	84·8	82·9	4·2	4·2	7·3	6·7	3·600	

DUNROBIN CASTLE.—JANUARY 1893.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56′ W. Lat. 57° 59′ N. Gravity Correction, + ·034 in.

1	30·12	30·20	34·6	32·4	31·5	38·3	3·3	0·3	·139	·178	70	97	E	E	—	—	—	Cold, dry east wind.
2	·12	·03	30·4	34·6	29·7	38·5	0·9	1·8	·147	·165	87	82	W	NW	—	—	·070	
3	·11	·30	33·6	35·2	31·3	35·5	2·1	3·7	·151	·140	78	68	NW	E	—	—	—	⚹ showers.
4	·25	·36	26·4	26·6	24·0	35·2	0·6	2·3	·124	·080	87	56	W	W	—	—	—	Calm and frosty.
5	·35	·27	21·2	23·2	20·7	26·6	1·9	2·7	·057	·053	51	43	NW	N	—	—	—	Clear and frosty.
6	·18	·12	23·6	33·4	17·5	38·7	1·8	1·3	·071	·165	57	86	NE	E	—	—	·030	
7	·17	·20	35·4	35·9	32·5	37·3	2·1	2·6	·167	·164	81	78	E	E	—	—	—	▲ showers. Dry east wind.
8	30·13	·00	36·4	38·4	34·5	39·0	3·6	2·9	·152	·178	70	77	E	E	—	—	—	
9	29·97	·11	36·4	37·9	33·5	41·0	1·9	2·6	·180	·179	84	78	E	E	—	—	—	
10	30·29	·49	37·4	35·2	34·5	38·3	2·1	1·9	·183	·169	82	82	NE	NE	—	—	—	Dull, with thaw.
11	·47	·37	33·9	34·6	31·5	39·0	2·6	1·8	·145	·165	75	82	NW	W	—	—	·070	Dull, with thaw.
12	·29	30·19	37·4	39·9	34·6	41·5	1·0	1·5	·204	·216	92	88	W	W	—	—	—	
13	30·03	29·95	39·4	35·6	33·7	40·3	1·5	1·8	·212	·176	88	84	NW	W	—	—	·060	Milder.
14	29·83	30·15	31·9	36·4	29·5	36·7	2·6	1·1	·124	·195	69	91	NW	N	—	—	·320	
15	30·14	29·88	31·9	35·4	27·7	37·5	1·6	1·9	·144	·171	79	83	N	NW	—	—	·250	⚹ showers. Dull, with thaw.
16	29·67	·83	43·4	38·4	35·0	46·7	1·2	0·5	·255	·222	91	96	W	NW	—	—	·280	
17	·78	·77	39·6	40·4	35·7	47·7	2·0	2·0	·204	·211	84	84	NW	W	—	—	·360	Clear and mild a. ● p.
18	·84	·98	45·4	46·4	40·4	51·3	2·5	2·5	·248	·259	82	83	W	W	—	—	·020	Clear and mild.
19	·89	29·95	44·9	38·9	37·3	53·5	1·5	4·6	·263	·155	89	65	W	W	—	—	·100	Clear and mild.
20	29·91	30·12	35·4	32·9	32·5	39·7	2·6	1·6	·158	·154	76	82	W	NW	—	—	·180	⚹ showers.
21	30·29	30·22	34·9	34·4	31·5	37·5	2·8	1·6	·151	·167	74	84	N	NW	—	—	—	Dull and milder.
22	30·07	29·87	46·4	48·9	33·5	49·3	1·8	0·7	·273	·329	87	95	W	W	—	—	·200	Dull.
23	29·82	·73	48·9	49·4	45·0	50·5	1·5	1·0	·309	·327	90	93	W	W	—	—	·150	Dull.
24	·55	·62	49·4	44·7	43·5	50·0	1·0	4·3	·327	·207	93	69	W	W	—	—	·280	Dull.
25	·85	·74	35·9	36·6	34·7	45·3	2·1	2·3	·174	·174	83	81	W	W	—	—	·200	Clear and cold.
26	·22	·49	38·2	37·4	35·5	43·0	1·8	1·9	·195	·187	85	84	NW	NW	—	—	—	● a. Dull p.
27	·78	·69	33·4	38·6	32·7	46·0	1·9	1·2	·153	·211	80	91	NW	W	—	—	—	Clear.
28	·46	·37	38·9	37·9	36·0	42·7	3·5	2·6	·172	·179	73	78	W	E	—	—	—	Dull and mild.
29	·26	·51	39·4	39·2	36·7	45·3	1·8	0·8	·206	·224	86	93	E	E	—	—	—	Dull and mild.
30	·60	·46	40·6	45·4	38·0	46·5	1·7	1·8	·218	·262	87	87	E	E	—	—	—	Dull and mild.
31	29·38	29·56	41·4	38·9	38·5	47·5	1·8	2·5	·224	·189	87	81	E	E	—	—	—	Dull and mild.
Mean	29·933	29·953	37·0	37·5	33·3	42·1	2·0	2·0	·185	·189	80·5	81·3	—	—	—	—	2·570	

BRAEMAR.—JANUARY 1893.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches.
Long. 3° 24′ W. Lat. 57° 0′ N. Gravity Correction, + ·030 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	28·89	28·94	31·9	21·9	21·0	32·3	1·2	0·7	·152	·093	84	80	SE 0·5	NE 2	8	6	·020	Cloudy, with ⚹ showers.
2	·92	28·76	14·7	31·4	9·4	31·9	0·5	0·7	·070	·160	83	90	NE 0·5	NW 2	8	9	·030	Cloudy, with ⚹ showers.
3	28·88	29·05	27·5	27·7	26·2	31·8	0·8	1·0	·126	·122	84	80	NE 0·5	NE 0·5	8	10	·070	Cloudy, with ⚹ showers.
4	29·11	·12	24·5	26·7	24·2	28·2	0·8	0·5	·105	·128	79	89	NE 0·5	NE 0·5	10	10	·090	Cloudy, with ⚹ showers.
5	29·13	29·10	22·4	−2·0	−2·0	29·2	0·7	0·0	·096	·040	81	100	NE 0·5	NE 0·5	4	2	—	Fair, but cold.
6	28·96	28·87	5·7	29·0	4·0	29·8	0·0	1·1	·056	·128	100	81	NE 0·5	SE 0·5	6	10	·100	Dull day.
7	·88	·93	29·0	29·4	27·2	31·3	3·8	0·5	·072	·149	45	92	NE 0·5	NE 0·5	10	8	·070	⚹ showers.
8	·84	·78	30·9	31·7	28·0	32·6	0·7	0·4	·155	·170	89	95	NE 1	NE 0·5	10	10	·060	⚹ all day.
9	·75	28·89	30·7	31·0	29·3	31·8	0·2	0·6	·167	·158	97	90	NE 0·5	NE 0·5	10	8	—	
10	28·99	29·16	33·7	33·7	29·6	34·0	1·0	1·0	·173	·173	89	89	NE 0·5	NE 0·5	8	10	—	
11	29·23	29·12	18·7	34·9	15·0	35·2	0·0	0·7	·102	·189	100	93	NE 0·5	SW 0·5	2	3	—	Fair and clear.
12	29·06	28·95	35·4	37·9	33·8	38·2	0·9	2·2	·190	·187	92	82	SW 0·5	SW 1	7	6	·060	
13	28·75	·72	37·4	32·0	31·7	39·4	1·5	1·3	·194	·151	87	83	NW 0·5	NW 2	10	7	·040	Dull and cold.
14	·56	·94	26·0	31·7	24·8	38·0	1·3	1·0	·099	·156	70	87	N 2	N 2	6	10	·040	Cold, with ⚹ showers.
15	·97	·77	28·7	34·4	27·0	34·9	1·0	0·7	·129	·185	82	93	NW 0·5	SW 0·5	7	9	·060	
16	·47	·66	41·7	36·9	32·2	42·7	1·7	1·6	·228	·189	87	87	N 4	NW 0·5	8	9	·170	Stormy ↗ (gale) a. Calm p.
17	·61	·65	35·9	37·4	32·4	37·8	3·2	2·5	·154	·177	72	79	NW 4	SW 4	10	9	·180	Fair.
18	·71	·95	43·5	41·8	36·3	44·7	2·6	2·3	·227	·219	79	83	NW 4	SW 2	7	5	·020	Dull and damp.
19	·82	·82	42·7	36·1	34·8	45·2	1·6	2·1	·239	·174	87	81	SW 2	W 2	7	3	—	Dull day.
20	·79	28·96	32·7	30·3	28·2	37·0	1·0	0·6	·165	·153	88	91	W 4	NW 6	10	10	·050	⚹ ✢
21	·95	29·05	33·9	35·0	30·3	35·5	0·4	1·0	·187	·184	96	90	SW 6	SW 0·5	10	10	·190	⚹ showers.
22	·93	28·81	39·7	44·7	32·0	46·7	1·0	1·1	·224	·271	92	92	SW 0·5	SW 0·5	8	10	·020	Dull and damp.
23	·70	·64	45·5	48·7	42·6	46·7	1·1	1·8	·280	·267	92	87	SW 2	SW 0·5	6	6	—	Dull and damp.
24	·53	·47	39·5	38·7	37·9	47·2	1·8	2·8	·207	·182	86	78	SW 0·5	SW 2	7	3	·180	● showers.
25	·68	·58	35·9	35·7	34·0	40·0	1·7	2·0	·180	·173	85	83	SW 2	SW 0·5	6	5	·160	Fine day. ⊍
26	·07	·37	38·7	36·5	33·8	40·7	0·8	2·5	·220	·170	94	78	SW 2	SW 2	10	7	·110	⚹ ● (sleet) ● a. Fair p.
27	·59	·58	32·9	37·6	31·8	38·0	0·5	0·9	·177	·208	94	92	SW 0·5	SW 2	3	9	—	
28	·37	·23	33·0	37·9	31·4	38·8	1·1	1·0	·165	·209	88	92	SW 2	SW 2	10	10	·120	Dull, with ⚹ showers.
29	·07	·29	38·7	40·7	35·2	42·0	1·0	1·8	·216	·217	92	86	SW 0·5	SW 0·5	8	4	—	
30	·53	·38	41·1	44·7	37·0	45·8	1·2	1·0	·232	·273	90	93	SW 6	SW 2	8	9	·100	Dull and damp.
31	28·22	28·38	42·3	39·7	38·2	45·0	1·6	2·0	·236	·205	88	84	SW 2	SW 0·5	8	8	·040	● showers.
Mean	28·740	28·772	32·7	33·9	28·0	37·8	1·2	1·3	·168	·176	86·2	87·1	1·7	1·3	7·7	7·6	1·080	

LAUDALE.—JANUARY 1893.

Height above Mean Sea Level, 14 feet. Heights above Ground:—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 41′ W. Lat. 56° 41′ N. Gravity Correction, + ·031 in.

1	30·04	30·15	35·2	29·0	26·7	40·7	2·2	2·0	·163	·106	79	67	E 3	Calm 0	10	0	—	
2	·19	·06	27·0	35·5	20·0	37·9	2·0	0·5	·089	·198	61	95	Calm 0	NW 2	9	10	·060	Cloudy day. ⚹ at night.
3	·14	·26	30·0	33·7	25·6	37·0	2·0	1·7	·116	·159	69	82	Calm 0	Calm 0	3	10	·030	⚹⁰ a. and p.
4	·31	·34	26·9	34·7	25·0	35·0	1·2	1·7	·109	·168	75	83	Calm 0	N 2	0	10	·040	⚹ showers.
5	·32	·26	34·0	27·0	24·7	35·0	2·0	1·0	·156	·114	79	79	N 1	NE 2	6	1	—	⚹ ∞ a. Day clear. ♕
6	·11	·00	32·5	32·2	25·6	34·5	0·5	0·2	·175	·179	94	98	E 4	ESE 3	10	10	·080	⚹ all day.
7	30·04	30·06	37·0	34·7	27·0	37·5	2·8	3·4	·168	·138	77	70	SE 6	E 5	10	3	—	⚹ a. and p. Stormy day.
8	29·94	29·95	38·0	40·0	30·0	40·7	3·0	3·3	·173	·184	75	74	E 5	E 8	8	4	—	↗ (gale) all day.
9	29·89	30·05	35·0	34·0	27·1	40·4	2·3	2·3	·159	·150	78	77	NE 1	Calm 0	0	1	—	⚹ p. ♕² at night.
10	30·22	·40	32·5	31·0	26·7	41·2	2·2	1·5	·139	·137	75	78	Calm 0	Calm 0	8	3	—	
11	·48	·42	30·2	30·0	27·0	39·9	0·5	0·7	·155	·148	92	88	Calm 0	Calm 0	1	3	—	
12	·33	30·34	32·7	40·7	27·7	40·7	0·7	1·7	·172	·218	92	86	Calm 0	NW 2	4	7	·140	≋² (mist). Mild day. ● 0 showers.
13	30·06	29·99	41·7	38·0	33·4	44·1	1·0	4·0	·243	·157	93	68	Calm 0	NW 2	10	7	·030	Mild and damp.
14	29·81	30·14	32·2	34·0	26·4	41·5	1·2	1·3	·155	·170	85	86	NE 4	N 1	7	2	·060	⚹ a. and p.
15	30·25	30·01	32·0	38·0	27·7	38·9	1·0	0·8	·157	·212	87	93	Calm 0	Calm 0	2	10	·200	⚹ a., 1 inch deep. Thaw p. ● 9p.
16	29·74	29·88	45·0	44·0	34·9	45·9	0·8	1·3	·280	·259	94	90	NW 4	W 2	10	10	·320	Mild and damp.
17	29·88	29·92	41·2	45·5	36·7	45·9	2·6	2·3	·207	·252	80	83	NW 6	NW 6	7	10	·200	●² n. ↗
18	30·03	30·18	48·0	48·2	42·7	48·9	1·8	3·2	·290	·261	87	78	NW 7	NW 5	9	10	·230	↗ (gale) ●².
19	·07	·12	49·0	41·0	36·7	49·7	2·0	3·8	·298	·183	86	71	W 4	NW 3	10	4	·310	● most of day.
20	·11	·29	41·0	37·0	34·0	45·2	3·5	2·4	·189	·175	74	80	NW 8	N 8	10	4	·090	▲² ●² showers. ↗ (gale). ↗² [noon.
21	·24	·32	41·5	47·0	34·1	47·9	1·7	2·5	·227	·264	87	83	NW 2	W 3	8	10	·120	Dull, with ●⁰ most of day.
22	30·19	30·05	48·7	49·0	44·0	49·3	1·4	1·3	·309	·315	90	91	W 3	W 7	10	10	·150	● showers. ↗ at night.
23	29·94	29·87	50·0	51·0	47·1	52·0	1·7	1·7	·317	·331	88	88	W 7	W 8	10	10	·220	↗ ●² showers all day.
24	·67	·71	50·0	46·5	42·2	51·3	2·0	3·8	·309	·232	86	74	W 9	W 8	10	7	·420	↗ ●² showers.
25	·90	·80	42·2	42·7	37·5	49·6	2·8	2·4	·212	·224	80	82	N 2	NW 2	4	9	·820	● showers a. Mild day. Ψ
26	·30	·55	39·4	42·8	37·0	46·3	1·2	3·2	·218	·210	91	76	N 6	N 5	10	2	·180	↗ ●² n. Bar. down to 29·19 ins., [began to rise 8a.
27	·77	·70	36·3	42·7	34·3	44·0	1·3	1·9	·190	·234	89	86	Calm 0	S 4	3	10	·420	
28	·42	·21	37·5	43·7	35·2	45·3	1·2	1·9	·201	·244	90	85	NW 7	S 3	10	10	·150	↗ ● ⚹ (sleet) a. Warmer evening.
29	·17	·46	45·7	46·0	40·8	47·9	1·3	0·7	·278	·294	91	95	S 2	NW 2	10	7	·110	Mild, with ● showers.
30	·59	·46	48·2	49·9	42·0	50·0	2·2	2·6	·283	·294	85	83	S 3	S 3	7	10	·400	Mild, with ● showers.
31	29·88	29·59	46·0	43·0	40·2	51·2	2·0	1·5	·265	·245	86	88	W 3	SW 2	10	2	·140	●² showers.
Mean	29·955	29·984	38·9	39·8	32·9	43·7	1·7	2·0	·207	·208	83·7	82·5	3·1	3·2	7·3	6·6	4·920	

DUNDEE.—JANUARY 1893.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 9 inches. Rain-gauge, 1 foot.
Long. 2° 56′ W. Lat. 56° 28′ N. Gravity Correction, + ·030 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·92	29·97	31·8	30·0	27·7	35·6	0·6	1·6	·166	·125	92	75	SE 6	NE 4	10	10	—	✳ ▲ showers.
2	·97	29·78	25·5	31·0	25·0	31·0	1·7	0·7	·085	·156	62	89	NW 1	W 4	5	10	·010	
3	29·94	30·13	30·0	30·5	27·8	35·2	0·1	0·6	·164	·155	98	91	NE 1	NE 1	10	10	·010	Dull, with ✳⁰ showers.
4	30·21	·23	30·8	30·6	28·8	30·9	0·3	0·2	·166	·166	96	97	SE 1	SE 1	10	10	·050	✳ showers.
5	·20	30·15	28·7	24·3	22·6	31·3	1·3	0·4	·121	·117	77	89	W 1	NW 1	10	10	—	✳ at night.
6	30·05	29·87	25·8	32·1	19·9	32·4	0·3	1·4	·130	·150	93	82	N 1	SE 1	10	10	·180	✳ 8a.—2p.
7	29·93	·90	34·7	34·5	31·0	35·3	1·3	0·1	·176	·198	87	99	SE 4	SE 6	10	10	·050	✳ ▲ · ⁄ at times. [during day.
8	·83	·76	34·8	36·1	32·5	36·4	1·5	0·5	·172	·203	85	95	SE 8	SE 8	10	10	·220	✳ ● (sleet) ✳ ▲ ● n., and
9	29·77	29·87	36·5	34·4	33·3	36·5	1·1	1·7	·195	·166	91	83	NE 2	NE 2	10	10	·010	✳ ● (sleet) ✳ ● till 8a.
10	30·04	30·23	33·5	34·5	31·5	36·7	0·6	0·1	·180	·198	93	99	NE 2	NE 1	10	10	—	Dull day.
11	·28	30·22	27·8	29·0	26·6	35·8	1·4	0·6	·111	·142	73	89	NW 1	NW 1	0	0	—	═ ≋
12	30·11	29·98	33·6	36·4	28·1	38·8	0·9	1·5	·174	·187	90	87	NW 1	W 1	5	5	—	═ ≋
13	29·82	·73	37·6	35·6	31·6	42·1	0·2	0·4	·221	·202	99	97	W 1	W 2	10	5	·020	● 9a. Cloudy day.
14	29·57	·89	30·3	33·0	29·7	36·2	1·9	0·6	·122	·175	72	93	NE 2	NW 2	10	0	·030	
15	30·05	·80	31·1	33·6	30·4	35·1	1·0	0·2	·150	·189	85	97	NW 1	W 2	5	10	·070	≋ ✳ ● (sleet) at night.
16	29·48	·68	36·8	39·1	32·7	45·9	0·3	0·1	·212	·237	98	99	W 1	NE 2	10	10	·180	● n. and ⁄ (gale) 1.30p.—3p.
17	·59	29·73	35·5	38·1	33·2	40·2	0·6	1·7	·197	·196	95	85	W 1	W 2	10	0	—	✳ ● (sleet) ● n. and till 8a.
18	·77	30·01	40·8	41·9	34·2	48·8	0·8	0·2	·237	·261	94	99	SW 1	W 1	10	10	—	Cloudy day.
19	·93	29·88	41·5	41·5	39·3	46·0	0·5	2·9	·251	·204	96	78	SW 2	SW 8	10	10	—	Dull day.
20	29·88	30·06	37·5	33·9	32·2	42·5	1·8	2·2	·190	·151	85	78	W 6	NW 4	5	7	·010	✳⁰ showers.
21	30·11	30·14	38·0	35·5	32·7	38·6	2·5	0·1	·182	·205	79	99	NW 1	E 1	10	10	·070	Dull, with ●⁰ showers.
22	29·97	29·79	38·5	48·7	33·2	50·9	0·2	2·2	·229	·291	98	85	W 1	W 4	10	10	—	
23	·73	·67	48·7	45·7	44·5	51·0	1·8	0·4	·301	·299	87	97	W 1	W 2	10	10	—	Dull day.
24	·56	·53	45·9	42·6	41·9	49·2	1·6	2·4	·273	·223	89	82	W 6	W 4	10	10	·010	Dull day. ●⁰ showers 1p.—3p.
25	·73	·73	39·6	37·8	36·4	43·8	1·2	0·2	·302	·222	90	98	W 2	W 1	0	10	·110	Fine day. [till 4p.
26	·13	·46	42·5	36·7	34·4	45·1	1·8	0·8	·234	·202	86	93	SW 8	W 2	10	0	—	● n. and till 6a. Dull till 11a. Stormy
27	·56	·65	33·5	38·7	31·6	40·8	0·1	1·0	·190	·216	98	92	NE 1	SE 2	10	10	·010	Dull day. ●⁰ showers 2p.—4p.
28	·41	·26	35·7	39·1	34·0	39·7	0·9	0·1	·194	·237	92	99	SE 6	SE 1	10	10	·170	✳ ● (sleet) ● from 10a.
29	·11	·34	40·9	38·3	36·0	42·8	0·9	0·3	·236	·225	93	98	SE 1	W 1	10	10	·010	● n. Dull day. ≋ from 4p.
30	·54	·44	40·5	45·7	38·0	48·2	0·1	0·8	·250	·290	99	95	SW 1	SW 2	10	10	·020	Dull, with ≋
31	29·27	29·43	44·6	41·5	41·1	46·8	1·6	1·6	·258	·229	88	88	SW 6	W 8	5	0	·020	● showers n. and till 11a. Stormy [from 2p.
Mean	29·789	29·817	35·8	36·5	32·3	40·2	1·0	0·9	·193	·201	89·0	91·2	2·5	2·6	8·5	8·0	1·260	

GLASGOW.—JANUARY 1893.

Height above Mean Sea Level, 180 feet. Heights above Ground:—Bar., 4 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 4° 18′ W. Lat. 55° 53′ N. Gravity Correction, + ·029 in.

1	29·87	29·95	30·8	28·5	28·4	35·4	2·3	1·9	·119	·105	69	67	E 1	E 1	7	8	—	Dull and cloudy.
2	·98	29·85	25·2	31·0	24·9	31·5	2·2	0·2	·071	·168	53	96	NE 1	W 1	1	2	·010	Fine and clear.
3	29·94	30·11	29·7	31·2	28·7	34·4	2·7	0·9	·099	·153	61	87	W 1	SW 1	3	10	·075	✳⁰ a. Fine day. ≋⁰ in evening.
4	30·17	·19	30·4	31·3	29·6	31·9	0·5	0·4	·157	·166	92	94	NE 1	NE 1	10	10	·130	Overcast, with ✳².
5	30·19	30·12	20·5	16·6	16·6	31·4	0·1	0·4	·107	·080	97	87	E 1	Calm 0	10	10	·010	≋⁰ (mist) all day.
6	29·98	29·87	26·2	31·2	16·6	31·8	0·9	1·2	·113	·146	80	83	E 1	E 1	10	10	·010	Overcast, with ✳⁰ showers. [p.
7	·85	·81	30·2	33·9	29·3	34·9	0·9	1·0	·145	·175	86	89	NE 1	E 5	5	10	·070	Overcast, with ✳⁰ showers. Squally
8	·71	·65	34·8	36·7	33·6	37·1	0·7	1·6	·188	·187	93	86	E 2	E 4	10	10	·015	●⁰ a. Dull and overcast. Squally.
9	29·72	29·86	34·7	35·1	34·6	37·1	0·8	1·8	·186	·169	93	82	E 1	E 1	5	10	—	Dull and overcast.
10	30·02	30·20	36·3	37·1	34·6	38·1	2·0	2·7	·177	·171	83	77	NE 1	NE 2	10	10	—	Dull and overcast.
11	·29	·19	34·3	30·2	29·8	39·0	2·5	0·9	·150	·145	76	86	NW 1	W 1	0	0	—	Fine and clear. ∞⁰ in evening.
12	30·12	30·03	28·7	32·8	26·4	37·9	0·7	0·9	·137	·168	87	90	W 1	W 1	2	3	—	═ ∞⁰ a. Fine and clear.
13	29·85	29·75	39·3	35·8	32·4	44·0	1·1	2·7	·219	·160	92	76	W 1	W 2	5	0	·008	═ a. Clear evening.
14	29·56	·91	29·8	34·3	29·6	36·4	1·8	4·3	·119	·121	72	61	NE 1	NW 3	10	4	—	✳² a.
15	30·07	·81	28·0	35·9	28·0	36·1	1·1	0·8	·120	·196	78	93	W 1	SW 1	8	10	·110	Overcast, with ● in evening.
16	29·52	·67	39·9	40·0	35·7	47·0	0·1	3·2	·244	·186	99	75	W 1	N 1	10	0	·030	Overcast, with ● a. Clear evening.
17	·63	29·78	38·9	40·7	35·3	41·8	2·4	2·2	·191	·210	82	83	NW 3	SW 2	3	10	—	Fine day. Overcast evening.
18	·83	30·06	47·3	45·0	40·2	48·3	3·2	2·0	·252	·253	78	85	W 2	S 1	10	8	—	Dull and overcast.
19	·98	29·96	43·9	41·0	40·8	48·2	1·5	2·1	·258	·213	90	83	SW 2	W 2	9	8	·080	Dull and overcast. ●⁰.
20	29·95	30·12	39·8	36·1	35·4	41·3	2·9	2·6	·190	·166	77	77	W 2	W 3	6	3	—	Cloudy and squally.
21	30·15	30·13	39·9	44·0	35·1	45·1	2·9	0·9	·190	·267	77	93	W 1	SW 1	7	8	—	Dull and cloudy.
22	30·01	29·87	45·5	47·0	42·3	49·4	1·4	1·7	·272	·282	90	88	W 1	SW 1	10	7	—	Cloudy day.
23	29·79	·74	49·0	47·7	46·5	49·7	1·7	0·7	·305	·313	88	95	W 2	W 2	10	10	—	Dull and overcast.
24	·59	·62	46·1	44·2	43·7	48·9	1·7	2·9	·273	·228	88	78	SW 2	W 2	10	7	·170	Overcast, with ●⁰ showers.
25	·79	·68	40·2	40·9	39·1	45·0	1·3	1·9	·222	·216	90	85	W 1	S 2	6	10	·170	Overcast, with ●⁰.
26	·12	·53	42·8	40·5	38·7	45·7	1·7	2·2	·238	·208	87	82	W 4	SW 2	10	3	·040	Squally a. Overcast, with ●² showers.
27	·65	·61	41·0	41·2	38·7	45·8	1·4	2·9	·227	·201	89	78	SW 1	S 1	9	10	·095	●⁰ a. Dull and overcast.
28	·33	·17	35·3	42·5	34·8	43·8	0·9	2·1	·189	·228	92	84	S 1	S 2	10	10	·072	●⁰ ✳⁰ a. Gloomy and overcast.
29	·06	·37	43·7	44·8	40·9	47·1	0·7	1·6	·269	·260	94	88	SW 1	SW 1	10	10	—	Overcast a. Cloudy day.
30	·51	·37	46·9	48·4	41·9	49·9	1·2	1·5	·293	·305	92	89	S 1	S 2	10	10	·082	Dull and overcast. ●⁰ showers.
31	29·27	29·48	44·2	41·8	41·6	48·8	1·3	1·5	·261	·234	90	88	SW 2	SW 2	10	4	·140	Overcast, with ●² showers.
Mean	29·790	29·821	36·9	37·7	34·0	41·4	1·5	1·7	·193	·196	84·4	84·0	1·4	1·7	7·6	7·3	1·317	

WOLFELEE.—JANUARY 1893.

Height above Mean Sea Level, 587 feet. Heights above Ground:—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 6 inches.
Long. 2° 39′ W. Lat. 55° 23′ N. Gravity Correction, + ·025 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·39	29·42	28·4	25·5	23·0	32·2	1·4	1·0	·116	·105	75	76	SE 0·5	SE 0·5	5	9	·080	Fine a. ✳⁰. Dull p.
2	·43	·35	25·5	28·5	18·5	29·8	1·5	0·5	·090	·141	66	91	NNE 0·5	NW 1	10	10	—	Dull, with ✳ a. Dull and cold p.
3	·38	·60	28·2	26·5	25·5	33·0	0·2	0·5	·148	·127	96	90	NE 3	NE 0·5	10	10	·010	Dull and cloudy a. Dull p.
4	·70	·74	26·5	28·5	24·5	31·0	1·5	0·0	·098	·157	68	100	NE 0·5	SW 0·5	9	10	—	Dull day.
5	·71	·64	16·0	10·0	10·0	29·8	1·0	1·0	·060	·045	67	66	SW 0·5	SW 0·5	3	5	—	Fine, clear, and frosty.
6	·52	·40	19·5	27·7	8·0	31·0	0·5	0·2	·088	·145	84	96	SE 0·5	SE 2	10	7	—	✳⁰ n. Dull day.
7	·36	·32	30·5	32·0	27·7	38·8	0·5	0·0	·157	·182	92	100	E 4	E 3	9	10	·020	Dull a. and p. Blowy a. ✢. ✳ p.
8	·29	·21	35·0	35·0	31·5	37·0	0·5	0·5	·194	·194	95	95	NE 2	NE 4	10	10	—	Dull day. Blowy p.
9	·23	·33	35·5	33·0	31·0	36·0	1·0	0·5	·189	·177	91	94	NE 1	NE 0·5	10	4	·020	Dull a. Fine p.
10	·49	·69	34·5	33·0	31·0	36·0	0·5	0·0	·190	·188	95	100	NE 0·5	NE 0·5	8	5	—	Dull a. ✳ showers p.
11	·75	·70	33·5	28·5	27·5	36·0	0·0	2·0	·192	·103	100	66	NE 0·5	NE 0·5	10	2	·030	Dull, with ✳ showers a. ≋⁰ (mist) [p.
12	·61	·53	33·8	33·0	26·0	37·8	1·3	1·5	·168	·157	86	83	NW 0·5	NW 0·5	7	0	—	
13	·37	·21	37·5	33·0	31·0	41·0	2·0	2·5	·186	·138	83	73	NW 0·5	NW 0·5	5	2	—	Fine day.
14	·06	·39	29·6	32·0	29·0	33·0	0·0	0·5	·164	·170	100	93	NW 0·5	NW 0·5	8	10	—	Fine a., then dull. ✳ p.
15	·57	·39	32·5	34·0	31·0	36·0	0·0	0·5	·185	·186	100	95	N 0·5	NW 1	10	10	·680	✳² (6½ ins. deep) a. Dull p.
16	·04	·18	36·5	36·5	33·0	42·0	0·5	0·5	·206	·206	95	95	S 0·5	W 0·5	10	10	·150	Dull, with ●⁰ a. ● p.
17	·14	·32	33·5	38·0	33·0	39·0	0·0	2·0	·192	·190	100	83	W 0·5	NW 0·5	10	9	·110	✳ a. Dull p.
18	·37	·59	42·0	42·5	37·0	47·0	0·5	2·0	·256	·230	96	85	NW 0·5	W 2	4	5	·020	Fine and mild.
19	·55	·47	44·0	34·8	31·5	46·8	1·5	1·3	·255	·176	88	88	W 1	W 4	5	10	—	Fine and fresh a. [clear p.
20	·48	·62	37·8	33·0	33·0	45·5	2·3	1·5	·184	·157	81	83	NW 3	NW 2	3	0	—	Fine, blowy, and cold a. Fine and
21	·63	·67	38·5	41·0	33·0	42·2	3·0	0·0	·177	·257	76	100	NW 0·5	NW 0·5	1	10	·040	Fine, but cold a. ● showers p.
22	·55	·42	42·0	46·8	38·0	48·0	1·0	2·0	·245	·273	92	86	W 0·5	W 0·5	9	7	—	Dull and cloudy a. Fine and fresh p.
23	·32	·30	49·0	47·5	45·0	50·0	1·5	1·0	·310	·304	90	93	W 0·5	W 6	8	10	—	Fine and mild a. Dull and blowy p.
24	·19	·18	43·5	40·8	40·0	49·0	1·5	1·8	·249	·217	88	86	NW 5	WNW 6	6	3	·020	● showers a. Fine and blowy p.
25	29·33	·29	37·0	35·5	35·0	42·5	0·5	0·0	·210	·208	96	100	NW 3	W 0·5	2	3	·250	Fine and blowy a. Fine and clear p.
26	28·77	·06	42·8	42·8	34·0	43·0	0·8	0·8	·257	·257	94	94	SW 10	W 0·5	9	10	—	Stormy ⁄ (gale) a. Fine and clear p.
27	29·23	29·20	36·5	36·8	33·8	42·8	0·5	1·3	·206	·194	95	90	SW 0·5	SW 0·5	10	10	—	
28	28·91	28·81	34·5	39·5	33·0	40·2	2·0	1·0	·161	·222	80	92	W 2	W 0·5	10	9	—	Dull day.
29	28·67	28·95	44·8	40·5	37·0	46·5	0·3	0·0	·291	·252	98	100	SW 0·5	SW 2	9	4	—	Dull a. Fine p.
30	29·11	29·01	44·5	46·5	40·5	48·2	0·0	0·5	·294	·304	100	96	SW 3	SW 3	5	8	·160	●⁰ a. ● p.
31	28·88	29·04	44·5	40·0	39·5	47·5	0·7	5·0	·277	·156	94	63	SW 8	SW 8	6	5	·090	Blowy, with ● showers a. Fine p.
Mean	29·323	29·355	35·4	34·9	30·7	40·0	0·9	1·0	·193	·188	89·1	88·8	1·8	1·7	7·5	7·0	1·680	

SCARBOROUGH.—JANUARY 1893.

Height above Mean Sea Level, 159 feet. Heights above Ground:—Bar., 1 foot. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 23′ W. Lat. 54° 17′ N. Gravity Correction, + ·025 in.

1	29·81	29·81	33·0	29·0	28·0	36·0	0·0	0·0	·188	·160	100	100	NE 2	N 2	10	10	·040	✳ ● (sleet) ✳
2	·83	29·78	29·0	28·0	25·0	32·0	0·0	0·0	·160	·153	100	100	N 2	NW 3	10	10	·130	✳ all day.
3	29·80	30·10	31·0	34·0	23·0	35·0	0·0	1·0	·174	·175	100	89	W 1	N 3	2	8	·010	✳ 9p.
4	30·17	·21	34·0	31·0	25·0	34·0	0·0	0·0	·196	·174	100	100	NE 2	NE 2	6	2	—	
5	·21	30·18	19·0	19·0	10·0	31·0	0·0	0·0	·103	·103	100	100	NW 1	NW 2	0	0	·210	Brilliant at times.
6	30·07	29·94	33·0	34·0	19·0	34·0	0·0	0·0	·188	·196	100	100	NW 2	N 2	10	10	·370	✳ storms during day.
7	29·89	·75	34·0	31·0	30·0	36·0	0·0	0·0	·196	·174	100	100	NE 2	NW 3	10	10	·060	✳ storms during day.
8	·65	·61	37·0	38·0	31·0	38·0	1·0	1·0	·200	·208	91	91	NE 2	N 3	10	10	—	Gloomy all day.
9	·66	29·78	37·0	37·0	34·0	38·0	1·0	3·0	·200	·165	91	75	NE 2	NW 2	10	10	—	Gloomy all day.
10	29·88	30·08	40·0	39·0	35·0	40·0	2·0	3·0	·207	·181	84	77	NE 2	NE 2	8	10	·070	Gloomy day.
11	30·19	30·05	37·0	39·0	35·0	40·0	0·5	0·0	·210	·238	96	100	N 2	NE 2	6	8	·240	
12	30·01	29·94	39·0	37·0	36·0	39·0	0·0	1·0	·238	·200	100	91	NW 2	NE 3	6	8	·060	
13	29·79	·65	38·5	36·0	35·0	40·0	1·5	0·0	·204	·212	87	100	NW 2	NW 2	6	8	·020	✳ 9a. ▲² showers mid-day.
14	29·49	·68	33·0	33·0	31·0	36·0	0·0	1·0	·188	·167	100	89	N 2	NW 3	6	10	·130	✳ all day.
15	30·04	·91	34·0	28·0	27·0	34·0	1·0	0·0	·175	·153	89	100	NW 3	NW 3	4	3	—	✳ 9a. Very fine.
16	29·52	·56	35·0	38·0	28·0	41·0	0·0	0·0	·204	·229	100	100	SE 3	SW 6	10	3	·050	Squally after mid-day.
17	·66	29·81	36·0	35·0	34·0	38·0	2·0	0·0	·174	·204	82	100	S 2	NW 2	10	6	·050	✳ n. and 9p. Dull during day.
18	29·80	30·09	44·0	43·0	32·0	44·0	0·0	1·0	·288	·255	100	92	W 2	W 3	8	4	—	Dull, then bright.
19	30·12	29·99	38·0	43·0	35·0	47·0	1·0	0·0	·208	·277	91	100	S 3	SW 3	5	10	—	Fine and bright.
20	·03	30·10	37·0	36·0	34·0	44·0	1·0	2·0	·200	·174	91	82	SW 3	NW 4	4	0	—	
21	30·06	30·15	39·0	38·0	36·0	44·0	1·0	0·0	·218	·229	92	100	NW 2	N 2	8	6	·140	●⁰ all day.
22	29·99	29·80	39·0	49·0	35·0	49·0	0·0	2·0	·238	·297	100	86	SW 1	W 7	10	6	·010	Dull and threatening. Squally p.
23	·75	·78	51·0	46·0	43·0	52·0	2·0	1·0	·322	·287	86	93	W 2	W 2	10	6	—	Dull and warm.
24	·76	·71	45·0	44·0	40·0	47·0	1·0	2·0	·276	·243	92	84	W 1	W 3	2	4	—	Fine day.
25	·85	·78	38·5	42·0	35·0	44·0	0·5	1·0	·223	·245	96	92	SW 1	NW 4	1	5	—	Fine day.
26	·60	·61	43·0	38·0	34·0	44·0	1·0	1·0	·255	·208	92	91	W 6	Calm 0	4	2	·010	Bright most of day.
27	·76	·78	37·0	38·0	36·0	42·0	0·0	1·0	·220	·208	100	91	SSE 2	SE 2	2	6	·010	✳ ● (sleet).
28	·54	·45	38·0	36·0	33·0	38·0	1·0	1·0	·208	·192	91	91	SE 4	SE 2	10	2	·040	Dull and cold.
29	·23	·42	46·0	44·0	36·0	46·0	0·0	1·0	·311	·265	100	92	S 2	SE 2	8	5	·020	●⁰ a.
30	·68	·57	41·0	48·0	38·0	49·0	0·0	0·0	·257	·335	100	100	SW 2	SW 6	4	6	—	Gusty ⁄ p.
31	29·49	29·59	48·0	42·0	40·0	51·0	1·0	1·0	·309	·245	93	92	S 3	SW 2	0	3	·140	Brilliant all day. ● at night.
Mean	29·814	29·827	37·5	37·2	32·0	40·7	0·6	0·8	·217	·211	95·0	93·5	2·2	2·8	6·5	6·2	1·810	

CRONKBOURNE (DOUGLAS) ISLE OF MAN.—JANUARY 1893.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29′ W. Lat. 54° 10′ N. Gravity Correction, + ·024 in.

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind, Direction and Force. 9 a.m.	9 p.m.	Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·83	29·91	33·0	29·8	29·8	39·8	0·8	0·2	·171	·160	91	97	ESE 6	NE 2	3	3	—	Squally a. Fine day. △⁰ 4.30p. ✱⁰
2	·98	29·97	29·8	30·0	25·6	31·8	0·8	0·6	·144	·150	86	90	NNE 2	N 2	8	6	·064	Dull, with ▲⁰ ✱ showers. Ψ
3	29·99	30·15	33·4	31·4	29·0	35·9	0·7	1·0	·177	·153	92	86	NW 1	NE 3	9	1	—	✱ ▲ a. Fine day.
4	30·22	·25	30·7	34·8	24·0	39·0	1·3	1·2	·140	·178	81	89	Calm 0	SE 3-4	7	8	—	⊔² a. Fine day.
5	30·20	30·11	35·0	33·2	33·0	36·2	0·8	0·0	·188	·190	92	100	SE 4	SE 4	10	10	·201	≡⁰ (mist) a. Overcast. ✱ showers p.
6	29·98	29·84	33·8	33·0	33·0	36·3	0·8	0·4	·178	·179	91	95	SE 4	ESE 6-7	10	10	·013	≡⁰ (mist) a. ✱ showers. / p.
7	·76	·71	33·8	36·2	32·2	36·2	0·4	1·2	·186	·191	95	89	ESE 5-6	E 5-5	10	10	·030	Overcast, with squally / ✱ ●.
8	·63	·60	37·0	37·8	35·7	38·0	0·3	0·1	·214	·224	97	99	ESE 6-7	ESE 6	10	10	·137	Overcast, with squally / ●.
9	·67	29·81	38·8	38·8	37·0	39·0	1·0	1·3	·217	·211	92	90	E 4-5	ESE 5	10	8	—	Overcast. / p.
10	29·99	30·18	38·0	37·0	32·0	40·5	1·0	1·0	·208	·200	91	91	NE 3	NE 3	3	3	—	⊔ a. Fine p.
11	30·30	·23	37·3	37·8	34·3	40·8	0·9	1·1	·205	·206	93	91	NNE 1	NNW 3	5	10	—	Fine day.
12	30·17	30·09	37·8	38·0	29·2	42·0	1·5	1·0	·198	·208	88	91	N 2	NNW 1	9	10	·002	Dull a. Fine afternoon. ⊔ p.
13	29·98	29·83	42·4	42·7	34·9	45·8	0·9	0·7	·252	·259	93	94	NW 2	NNW 3	7	7	·070	⊔ a. Dull day. ● showers 7p.
14	29·58	·91	33·2	31·8	29·2	42·8	0·1	0·6	·188	·166	99	92	NE 2	NE 4	10	0	·136	✱ till 1.30p. Overcast.
15	30·13	·99	32·3	38·2	30·5	39·2	1·1	2·2	·159	·188	86	82	N 2	W 3	4	10	·177	Fine a. Cloudy p. ▲ 4p. ● n.
16	29·61	·73	46·0	41·0	36·0	46·4	1·0	0·6	·287	·244	93	95	NW 5	NNW 2	10	1	·108	Squally / ● a. Overcast. ⌓ p.
17	29·74	29·94	43·8	42·7	35·0	44·0	3·6	0·9	·211	·255	73	92	NNW 7-8	WNW 3	3	10	·096	Squally / ● a. Fine day. ● n.
18	30·02	30·21	46·8	46·3	41·7	48·8	1·8	2·1	·277	·265	87	85	NW 6-7	WNW 4	7	10	—	Squally / a. Dull day.
19	·17	·07	45·7	49·0	43·5	49·0	0·9	1·7	·287	·305	94	88	W 4-5	W 5	7	8	·011	Dull day. Squally / ● showers n.
20	·15	·28	42·4	39·9	39·0	49·5	3·0	2·4	·210	·200	78	81	NW 7	WNW 3-4	3	4	·015	Squally / ● showers a. ● showers [p.
21	·27	·27	42·0	45·0	35·2	45·5	1·2	1·0	·241	·275	91	92	NW 4-5	WNW 4-5	9	8	·003	Overcast. Squally p.
22	30·17	30·04	45·7	47·8	43·3	48·0	0·7	1·1	·291	·309	95	92	WNW 4	SW 3	9	8	—	Dull day.
23	29·95	29·91	49·8	48·7	45·5	50·2	1·3	1·7	·325	·301	91	88	WNW 3	W 3	9	10	·049	Dull day. ● at night.
24	·81	·80	46·9	44·2	44·0	49·8	1·1	1·2	·295	·263	93	91	SW 5-6	WSW 4	8	2	·147	Squally / ● a. Cloudy day. ● [from 4p.
25	·93	·75	43·8	42·0	39·8	48·0	1·5	0·5	·253	·256	88	96	W 4	SE 4	4	9	·081	Cloudy day.
26	·48	·65	44·6	38·0	36·5	46·4	1·8	0·8	·254	·212	86	93	W 5-6	WNW 2	10	0	—	Squally / a. Dull day.
27	·77	·66	41·3	41·0	35·8	45·3	1·6	1·9	·227	·217	88	85	WSW 3	SSE 4	6	8	·027	⊔ a. Dull day. ● showers p.
28	·34	·20	40·2	43·0	40·0	45·5	1·2	1·0	·224	·255	90	92	SE 6-7	SE 6	10	10	·232	Overcast, with squally / ●² showers.
29	·14	·48	45·3	45·8	41·9	49·8	0·4	0·8	·294	·289	97	94	SW 2	W 3	10	1	·018	Dull, with ● a. Fine p.
30	·62	·48	47·9	48·0	42·7	48·0	0·3	0·2	·325	·330	98	99	SSW 5-6	SSW 5-6	10	10	·112	● a. Squally /. ●² showers from 4p.
31	29·50	29·57	48·0	43·8	43·0	49·8	2·6	0·4	·272	·276	82	97	SW 5-6	Calm 0	2	10	·512	Squally / a. Fine day. ⌓ p. ●² n.
Mean	29·873	29·891	40·2	39·9	35·9	43·5	1·2	1·0	·229	·230	90·0	91·5	4·0	3·6	7·5	6·9	2·241	

STONYHURST.—JANUARY 1893.

Height above Mean Sea Level, 375 feet. Heights above Ground:—Bar., —12 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 2° 28′ W. Lat. 53° 51′ N. Gravity Correction, + ·023 in.

1	29·59	29·63	25·0	25·7	23·9	32·6	1·6	1·1	·084	·103	62	74	ENE 1	NEb.N 1	0	10	·020	Fine and frosty. ✱ p.
2	·70	·69	23·5	22·6	20·4	28·0	1·5	0·8	·078	·093	62	78	NEb.N 1	NWb.N 1	6	0	·024	Fine and frosty. ✱ p.
3	29·66	29·88	32·0	29·5	20·9	33·2	2·7	1·1	·123	·133	68	82	NWb.N 1	Calm 0	9	7	—	Fine day.
4	30·00	30·04	24·4	21·3	19·7	29·9	1·0	0·9	·098	·083	75	74	Calm 0	NEb.N 1	8	0	—	Fine a. ≡⁰ (mist). Cloudless p.
5	30·00	29·94	23·8	28·7	18·4	29·5	1·5	1·7	·080	·111	63	71	NEb.N 1	Calm 0	7	10	—	∞. Fine a., then overcast, with ≡⁰ [(mist).
6	29·80	·68	29·4	29·4	25·7	30·3	1·7	1·0	·118	·135	73	83	Calm 0	SEbyE 1	10	10	·077	✱⁰ a. ✱ p.
7	·54	·49	30·6	32·8	28·7	32·8	1·1	1·3	·143	·160	84	85	ENE 2	ENE 3	10	10	—	✱⁰ a. Overcast.
8	·40	·38	34·4	35·0	32·3	35·1	1·2	1·4	·175	·176	87	86	ENE 4	ENE 3	10	10	—	Overcast a. and p. ▲ showers.
9	·43	·55	35·3	35·0	34·6	35·9	1·5	1·6	·178	·172	86	84	ENE 1	EbyN 2	10	10	—	Dull day.
10	29·71	·91	36·7	34·6	32·0	38·2	1·9	1·6	·182	·169	84	84	ENE 1	Calm 0	10	10	—	Fine a. and p.
11	30·00	·95	35·0	35·7	32·7	37·7	1·6	2·9	·172	·156	84	74	Calm 0	NNW 1	8	10	—	Fine a. and p.
12	29·88	·84	36·5	37·5	34·6	38·7	2·7	3·5	·167	·161	77	71	N 1	NWb.W 1	10	10	—	Fine a. Overcast p.
13	·69	·55	33·4	37·6	32·4	40·3	0·9	2·0	·173	·183	90	83	WSW 1	NW 2	6	0	—	Fine day.
14	·33	·58	35·0	31·4	29·7	38·1	3·0	2·4	·148	·123	72	69	NNW 1	NNE 1	10	8	—	Overcast. Clear p. ✱⁰.
15	·86	·74	29·5	32·8	28·4	34·7	0·9	1·2	·139	·162	85	86	N 1	W by S 1	0	10	·263	Bright and sunny a. ∞⁰. Overcast p.
16	·37	·35	34·0	40·0	32·0	41·5	0·6	3·2	·184	·186	93	75	Calm 0	NNW 3	10	10	·030	Overcast, with ●⁰ ≡ a., then clear.
17	·47	·67	34·0	36·4	32·9	40·0	1·0	1·6	·176	·185	89	86	SbyW 1	SSW 1	10	0	·165	✱ a. ●⁰ ≡⁰ (mist) p. [●⁰ p.
18	·71	·95	41·8	42·0	36·0	46·4	1·1	1·2	·242	·241	92	91	WSW 3	WbyN 2	10	7	—	Overcast a. Fine p.
19	·96	29·85	39·0	43·0	38·6	43·6	0·4	0·5	·230	·266	97	96	SWbyS 1	WSW 2	10	10	·136	Overcast, with ●.
20	·89	30·00	38·0	37·0	34·7	43·9	2·0	2·6	·193	·172	83	78	WSW 1	WbyS 2	9	2	·008	Clear p.
21	·99	30·00	39·0	40·5	34·4	41·2	1·2	0·8	·214	·235	90	94	W 3	WbyS 2	9	10	·037	Dull and overcast. ● p.
22	·89	29·77	41·7	44·4	40·0	44·4	0·7	1·0	·249	·269	94	92	WNW 4	WbyS 2	10	10	·028	Squally, with ● a. Overcast. ●⁰ p.
23	·68	·68	44·4	45·2	42·1	45·7	0·4	0·7	·283	·285	97	95	WSW 1	W 3	10	10	·130	≡⁰ ●⁰ a. Dull day. ● showers p.
24	·61	·58	42·8	43·5	41·7	47·7	0·8	1·0	·257	·260	94	92	WSW 3	WSW 3	10	10	·072	
25	·69	·60	40·3	40·0	40·0	44·0	0·5	1·0	·240	·226	96	92	SW 1	Calm 0	10	10	·020	
26	·27	·41	43·6	36·2	34·7	43·6	1·6	1·0	·248	·195	87	91	SbyW 6	WSW 1	10	0	·160	Squally, with ● a. ≡ p.
27	·58	·53	34·7	37·5	33·6	42·8	0·6	2·0	·190	·186	94	83	Calm 0	SE 1	9	10	—	≡ and ≡⁰ (mist). ⌓ Ⴎ
28	29·27	·09	38·0	41·0	34·6	41·0	2·5	1·8	·182	·219	79	86	SSE 2	SE 3	9	10	·189	Overcast, with ● p.
29	28·93	·28	45·6	42·0	40·5	47·7	1·1	0·7	·281	·252	92	94	S 3	WSW 1	10	10	·032	Overcast. ● showers.
30	29·47	·34	44·4	48·0	39·7	50·0	1·0	1·5	·269	·297	92	90	SWbyS 1	S byE 5	10	10	·040	Overcast a. and p. Squally p.
31	29·33	29·39	46·5	44·0	42·7	49·3	2·5	1·6	·259	·252	82	87	SWbyS 3	SWb.W 1	7	10	·330	Overcast, with ● a. and p.
Mean	29·634	29·655	35·9	36·5	32·7	39·6	1·4	1·5	·186	·189	84·0	84·1	1·6	1·6	8·6	7·9	1·761	

HILLINGTON.—JANUARY 1893.

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

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind, Direction and Force. 9 a.m.	9 p.m.	Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·84	29·82	27·6	25·8	21·3	30·4	0·5	0·8	·134	·112	90	81	E 3	ENE 3	10	2	·150	✱⁰ a. Fine and sunny p. Ⴎ
2	29·86	29·92	26·0	26·0	22·8	30·5	0·8	0·4	·113	·127	80	90	S 1	N 3	6	8	—	✱ (1½ ins. deep) early a. Fine and [sunny.
3	30·02	30·14	25·0	17·9	17·0	32·2	0·5	0·2	·116	·090	87	94	SW 1	NE 1	7	0	·018	Overcast from 11a. ✱⁰ 4p.
4	·26	·29	17·9	14·0	8·0	28·2	0·4	0·2	·084	·072	87	92	SW 0·5	NE 0·5	0	0	—	Very red sunrise and sunset.
5	·31	30·21	19·9	31·9	10·1	35·6	0·3	0·4	·096	·171	91	95	SE 1	SE 1	5	10	·010	Very red sunrise. Overcast day.
6	30·15	29·96	30·9	31·7	30·0	33·1	1·6	0·5	·134	·166	77	93	SE 2	SE 1	10	10	·160	✱⁰ early a. Overcast. ✱⁰ p.
7	29·83	·76	29·2	32·0	26·9	34·2	0·2	1·3	·155	·151	97	83	E 1	E 3	10	10	—	✱ (2½ ins. deep) a. Overcast all [day.
8	·66	·64	33·0	34·6	31·2	35·1	1·1	0·7	·165	·186	88	94	ENE 3	ENE 1	10	10	·063	●⁰ p.
9	·67	29·79	34·8	34·9	33·8	36·2	0·2	1·2	·198	·179	98	89	ENE 2	ENE 2	10	10	·010	Overcast all day.
10	29·91	30·11	36·0	33·5	33·0	39·3	0·4	1·7	·204	·157	96	82	NE 1	NE 1	6	0	·010	Fine and sunny till 3p. ✱⁰ 6p.
11	30·21	·11	30·1	34·9	28·9	38·2	0·5	0·2	·153	·199	92	98	E 0·5	N 1	2	8	·050	✱ early a. and 4p. ● p.
12	30·09	30·05	33·8	33·9	32·5	36·2	0·2	0·2	·189	·190	98	98	N 0·5	NW 0·5	10	10	·065	Overcast all day. ≡ ●⁰ showers p.
13	29·92	29·78	33·8	35·0	33·1	38·3	1·1	1·2	·172	·180	88	88	NW 2	NW 2	4	1	—	✱⁰ ●⁰ early a.
14	29·58	29·72	33·2	33·3	32·0	35·7	0·4	0·5	·181	·179	95	94	NNW 2	NE 4	10	10	·050	✱ shower noon. ✱⁰ 3p. and 8p. / [p.
15	30·09	30·10	29·1	20·9	20·1	33·9	3·1	0·2	·085	·104	53	94	NE 3	NE 1	8	0	·012	✱ before 9a. Fine and sunny.
16	29·77	29·47	28·9	36·5	20·1	37·4	0·3	0·7	·150	·202	95	94	SW 1	W 1	10	9	·210	✱⁰ a. and p. ●⁰ p.
17	·79	29·93	28·9	29·8	27·3	37·3	0·3	0·1	·150	·162	95	99	SE 0·5	SW 0·5	10	10	·170	✱⁰ p.
18	29·94	30·19	35·4	35·5	23·3	40·8	0·7	0·4	·193	·109	94	96	SW 1	NW 1	10	0	·050	✱ early a., then ● till 10a.
19	30·30	·22	33·2	37·3	31·7	38·3	0·4	0·2	·181	·218	95	98	SW 0·5	SW 0·5	9	10	·012	∞ ≡⁰ (mist).
20	·19	·20	34·9	35·4	34·4	40·4	1·1	0·5	·181	·196	90	96	WSW 0·5	NW 2	9	0	—	
21	·17	30·26	36·0	34·8	32·4	38·5	1·4	1·1	·184	·180	87	90	NW 3	NW 1	9	10	·092	Overcast all day. Cold wind.
22	30·16	29·95	32·4	40·0	32·0	41·3	0·0	0·4	·184	·238	100	97	W 0·5	W 1	10	10	·023	✱ early a. ● 9a. Overcast all day.
23	29·89	·95	42·1	44·8	39·0	47·2	0·8	1·0	·250	·273	93	92	NW 2	W 1	10	10	·028	●⁰ showers p.
24	29·97	29·86	41·0	43·0	40·3	47·8	0·7	0·5	·241	·266	94	96	SW 3	W 4	3	7	—	Fine and mild, then cloudy.
25	30·02	30·02	35·0	36·0	34·0	47·5	1·1	0·3	·182	·205	89	97	NW 1	W 2	0	10	·023	
26	29·76	29·67	40·5	40·0	34·1	45·4	1·0	0·1	·231	·245	92	99	S 1	S 1	10	10	·265	●⁰ early a. Overcast. ●² in even- [ing.
27	·92	·87	31·0	30·9	28·0	44·1	0·4	0·6	·163	·158	93	92	S 1	SW 0·5	0	0	—	⊔ a. and p. Fine and sunny.
28	·76	·57	35·1	36·4	30·9	46·5	1·3	0·8	·179	·199	87	93	SW 3	SSW 3	10	10	·042	⊔ a. Overcast, then sunny. [●² 3p.
29	·38	·59	44·1	43·5	36·2	46·4	0·5	1·0	·277	·260	96	92	SSW 4	S 2	10	0	·052	●⁰ early a. Overcast and gloomy.
30	·90	·83	42·5	46·0	34·9	50·4	0·5	0·6	·261	·296	96	96	SW 3	SW 3	10	10	·100	Overcast, then fine and sunny. Ⴎ
31	29·77	29·76	48·3	43·9	41·6	51·3	1·5	1·2	·302	·260	90	91	SW 3	WSW 3	7	8	·350	●² early a. Cloudy and overcast.
Mean	29·938	29·926	33·2	34·0	29·1	39·3	0·8	0·6	·177	·185	90·4	93·0	1·7	1·7	7·6	6·5	2·015	

CHURCHSTOKE.—JANUARY 1893.

Height above Mean Sea Level, 538 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5′ W. Lat. 52° 31′ N. Gravity Correction, + ·018 in.

1	29·35	29·41	24·5	21·5	19·0	31·0	0·6	0·5	·110	·096	84	85	E 1	ENE 1	1	9	·012	⊔. Cold, with bitter wind. ≡⁰ [(mist) 9p.
2	·50	·54	21·1	20·5	17·4	27·9	0·4	0·5	·098	·092	88	85	ENE 1	NE 2	0	0	—	⊔ ✱⁰ showers.
3	·54	·66	30·4	30·1	17·8	32·4	0·3	0·2	·161	·162	95	97	W 3	NW 2	9	10	—	Cold and raw.
4	·79	·82	21·1	16·1	16·0	31·0	0·2	0·2	·105	·083	94	93	Calm 0	Calm 0	0	10	—	⊔. Sharp and raw. ≡⁰ (mist).
5	·77	·68	24·3	28·7	15·5	29·9	0·2	0·1	·122	·154	95	98	NNE 1	NE 1	10	10	·020	⊔ ≡⁰ (mist). Cold and cloudy.
6	·61	·38	28·1	26·5	26·2	30·4	0·2	0·6	·148	·123	96	87	E 1	SE 4	10	10	·288	✱ ✢
7	·27	·21	27·8	29·4	26·1	30·5	0·2	0·5	·146	·148	96	92	E 2	E 2	10	10	·185	✱ ✢
8	·10	·11	31·9	32·9	29·0	32·9	0·0	0·6	·180	·174	100	93	E 3	Calm 0	10	10	·040	Bitter wind, with ✱
9	·17	·27	33·4	33·4	32·4	34·9	0·5	1·5	·181	·160	95	84	E 1	E 2	10	10	—	≡⁰ (mist).
10	·47	·67	32·9	33·8	32·2	35·9	1·0	1·9	·166	·156	89	81	NE 2	E 2	10	5	—	Cold and raw.
11	·76	·71	28·9	34·8	25·8	35·1	0·5	1·9	·145	·166	91	82	NE 1	NNW 2	4	6	—	Bright and sharp.
12	·67	·65	34·9	34·9	32·7	37·0	1·0	1·0	·183	·183	90	91	NNW 1	Calm 0	9	10	—	Cloudy, but milder.
13	·51	·39	35·3	39·1	34·0	41·7	1·9	1·4	·170	·211	82	89	W 1	WNW 2	8	10	·092	Dull and overcast.
14	·14	·37	33·0	27·0	27·0	39·3	0·6	0·9	·175	·117	93	81	Calm 0	N 3	10	7	·195	✱ 10a.–2p., then ✱ showers (4 ins. [deep).
15	·66	·61	25·4	20·5	19·7	33·1	0·5	0·5	·119	·092	88	85	N 0·5	N 1	3	5	—	⊔. Cold and sharp. ≡⁰ (mist) 9p.
16	·20	·17	37·5	37·8	20·5	41·2	1·1	0·9	·203	·209	90	93	N 1	W 1	10	0	·033	●⁰
17	·29	·54	34·7	37·8	33·7	41·4	1·5	2·5	·172	·180	85	79	NW 1	NNW 2	10	0	·005	
18	·59	·76	42·0	41·4	36·5	46·3	1·4	0·8	·237	·243	89	94	WNW 2	NW 1	9	4	—	Dull and mild.
19	·82	·73	37·5	43·8	34·4	45·1	0·6	0·9	·213	·265	94	93	Calm 0	W 2	7	8	·005	
20	·79	·85	37·8	37·3	35·2	45·7	2·9	2·2	·174	·181	76	82	WNW 1	WNW 2	9	5	—	Cloudy, with cold wind.
21	·84	·87	39·6	39·8	35·1	42·9	3·1	1·1	·184	·223	76	92	NW 2	NNW 2	8	3	·006	Raw, with cold wind.
22	·76	·61	40·3	43·7	38·5	46·1	0·8	0·8	·233	·267	94	93	W 2	WNW 3	2	10	—	Dull and raw.
23	·56	·54	44·6	45·8	42·1	49·5	0·7	1·7	·278	·269	94	88	W 3	NW 1	7	2	—	Mild.
24	·48	·46	44·5	44·8	43·2	47·8	2·2	0·9	·245	·276	83	93	W 3	WNW 2	3	9	·020	Breezy and mild.
25	·56	·38	38·5	39·0	35·3	49·9	0·4	0·6	·225	·225	96	95	W 1	S 2	7	10	·050	≡⁰ (mist) 9p.
26	·14	·25	43·1	33·9	33·0	44·3	1·1	1·0	·254	·174	91	89	SW 3	W 1	10	0	·500	Driving ● from S.W.
27	·39	29·33	29·9	34·9	29·2	46·6	0·0	1·2	·166	·179	100	89	NW 1	NW 1	8	5	—	Day bright.
28	29·03	28·83	36·4	42·8	33·0	43·5	2·1	0·9	·176	·255	82	93	SE 3	SE 4	10	10	·410	Cold and squally, with ●
29	28·73	29·16	44·8	42·2	41·5	49·3	0·9	1·1	·276	·245	93	91	SSE 2	W 2	10	1	·010	Cloudy and mild. ⌒
30	29·31	·17	46·0	49·1	40·4	52·5	1·3	0·6	·280	·334	91	96	SW 2	SW 3	8	10	·064	
31	29·23	29·24	48·1	42·8	41·8	52·2	3·4	1·6	·257	·240	76	88	SW 2	W 1	9	3	·092	Clear and fresh.
Mean	29·452	29·464	34·8	35·0	30·5	40·2	1·0	1·0	·187	·190	89·9	89·4	1·5	1·7	7·5	6·5	2·027	

Carmarthen.—January 1893.

Height above Mean Sea Level, 188 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 4° 18′ W. Lat. 51° 52′ N. Gravity Correction, + ·018 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer 9 p.m.	Air Temp. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Dep. of Wet 9 a.m.	Dep. of Wet 9 p.m.	Vapour Tension 9 a.m.	Vapour Tension 9 p.m.	Per-centage 9 a.m.	Per-centage 9 p.m.	Wind, Direction and Force 9 a.m.	Wind 9 p.m.	Cloud Amount 9 a.m.	Cloud 9 p.m.	Rain 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·69	29·77	29·6	24·9	24·1	35·4	0·7	0·1	·145	·131	88	98	E 1	NE 2	0	0	—	Fine, but with cold wind.
2	29·90	29·96	23·9	19·1	11·3	33·9	0·6	0·3	·107	·092	84	90	Calm 0	Calm 0	0	0	—	⊔². Fine day.
3	30·01	30·06	22·7	34·2	16·5	41·1	0·9	2·3	·090	·152	75	78	Calm 0	N 1	0	8	—	⊔². Fog in valley. Fine day.
4	·18	·19	21·5	26·4	19·8	37·3	0·3	0·6	·104	·122	91	87	E 1	Calm 0	0	0	—	⊔². Fine day.
5	30·13	30·03	31·2	30·9	25·5	34·0	0·6	0·7	·160	·155	91	89	E 1	E 1	10	10	·050	Dull day. ✱⁰ from 2p.
6	29·90	29·67	32·9	30·2	28·9	34·7	0·8	0·8	·170	·146	91	87	SE 1	E 3	10	10	·140	✱ all day.
7	·56	·49	31·1	32·1	28·8	33·4	0·5	1·2	·162	·154	92	85	E 1	E 4	10	10	·250	Frequent ✱⁰ showers.
8	·36	·43	32·9	35·4	30·5	35·7	1·1	1·2	·164	·183	87	89	E 2	E 1	10	10	·080	Dull day. ✱ ● (sleet).
9	·50	29·63	36·9	37·1	34·1	38·3	1·3	1·8	·194	·187	89	84	NE 2	NE 4	9	10	·180	Dull, with ●⁰
10	29·85	30·00	35·7	35·3	34·6	40·3	2·1	2·7	·170	·155	82	75	NE 2	E 3	8	0	—	Fair, but cold.
11	30·16	·10	32·4	35·1	29·7	40·5	1·5	1·3	·151	·179	82	87	E 1	Calm 0	7	10	—	
12	30·06	30·06	38·5	34·9	33·6	43·1	3·4	1·4	·170	·176	73	87	NE 1	Calm 0	8	2	·040	
13	29·97	29·85	36·7	42·4	33·6	44·4	0·5	1·6	·138	·237	96	88	N 1	SE 1	7	10	·060	● showers.
14	29·55	29·76	38·4	30·9	30·1	42·6	1·4	1·3	·204	·142	88	80	W 1	E 3	10	0	·120	▲ ● ✱ p.
15	30·07	30·03	34·9	30·4	29·4	42·1	1·3	1·3	·177	·137	88	80	N 1	Calm 0	0	10	·110	Fine day.
16	29·64	29·55	38·1	43·9	29·5	46·0	0·3	1·9	·224	·244	97	85	W 1	N 6	10	0	·050	Dull, with ●⁰, then fair.
17	29·71	29·96	38·3	41·4	36·5	45·9	0·7	1·9	·218	·221	94	86	NW 1	E 1	10	2	·050	Dull, with ●⁰, then fair.
18	30·04	30·22	45·9	41·9	40·1	52·7	2·7	1·4	·248	·236	81	90	N 1	Calm 0	8	0	—	Fine day. Fog in valley.
19	·25	·17	36·9	43·1	35·2	47·0	0·4	0·6	·211	·265	97	95	NW 1	Calm 0	10	0	·030	Frequent ●⁰ showers.
20	·25	·30	40·9	40·7	38·5	47·2	1·6	2·2	·222	·210	87	83	NW 1	Calm 0	9	1	—	Fine day.
21	·33	·31	41·1	43·4	37·6	46·1	2·3	1·9	·211	·239	82	85	N 1	Calm 0	4	10	—	
22	·22	30·06	44·4	46·8	41·5	48·7	1·7	1·4	·254	·287	88	90	N 1	S 1	9	8	·030	Dull, with ●⁰
23	30·02	29·99	47·3	46·3	41·6	55·8	0·7	0·8	·308	·295	95	95	NW 3	SW 1	10	10	·060	Dull day.
24	29·94	·89	45·8	44·9	44·0	48·4	0·5	0·4	·296	·288	96	97	SW 2	Calm 0	10	0	·050	Dull, with ●
25	·97	·73	33·9	44·4	32·7	45·4	0·3	0·6	·188	·278	97	95	*Calm 0*	SW 2	*10*	10	·340	≡ ●
26	·54	·67	44·1	35·9	35·6	45·3	0·4	0·4	·279	·203	97	97	S 2	Calm 0	10	0	·320	Dull, with ●, then fine.
27	·81	·65	30·7	36·6	27·7	46·1	0·6	1·0	·156	·196	91	91	Calm 0	E 2	1	3	·030	⊔². Fine day.
28	·38	·13	41·7	45·0	35·8	46·3	0·8	0·5	·246	·287	94	96	SE 6	SE 7	10	10	·580	Dull, with ●. Squally.
29	·12	·57	46·8	40·1	39·8	53·0	0·5	0·4	·307	·239	96	97	Calm 0	W 1	1	8	·030	●, then fair.
30	·70	·56	47·6	48·6	39·7	51·2	1·1	0·3	·303	·335	93	98	S 3	S 3	10	10	·150	Dull, with ●
31	29·66	29·58	45·1	46·3	44·8	51·2	0·8	0·3	·281	·307	93	98	SW 1	SW 1	3	10	·200	Fair then dull.
Mean	29·854	29·851	37·0	37·7	32·6	43·6	1·0	1·1	·202	·209	89·5	89·1	1·3	1·5	6·9	5·5	2·950	

Margate.—January 1893.

Height above Mean Sea Level, 83 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 24′ E. Lat. 51° 24′ N. Gravity Correction, + ·017 in.

Day.	Bar. 9 a.m.	Bar. 9 p.m.	Air Temp. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Dep. of Wet 9 a.m.	Dep. of Wet 9 p.m.	Vapour Tension 9 a.m.	Vapour Tension 9 p.m.	Per-centage 9 a.m.	Per-centage 9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	Cloud 9 p.m.	Rain 9 a.m.	Remarks.
1	29·73	29·69	27·0	28·0	25·3	30·0	1·1	0·1	·112	·150	77	98	E 1	E 1	0	10	·400	✱² ⊔
2	·77	29·89	28·7	27·8	25·3	30·0	0·1	0·1	·154	·149	98	98	NE 1	NE 2	10	2	·030	⊔
3	29·98	30·09	24·1	30·4	22·3	31·0	0·1	0·2	·125	·164	97	97	N 1	N 1	0	0	—	⊔
4	30·25	·30	26·8	28·0	19·0	34·0	0·1	1·0	·142	·122	98	80	NW 1	Calm 0	0	0	—	⊔² p.
5	·29	30·18	25·0	28·6	20·3	34·6	0·0	0·6	·135	·139	100	89	NW 1	Calm 0	10	2	—	⊔²
6	30·17	29·95	30·0	30·0	25·9	32·0	0·2	0·2	·161	·161	97	97	E 1	N 1	5	10	—	⊔
7	29·77	·69	31·0	33·0	24·3	33·6	1·1	0·8	·146	·171	84	91	NE 1	NE 1	10	0	—	⊔
8	·63	·56	34·0	36·0	32·3	37·0	1·0	0·8	·175	·196	89	93	NE 1	Calm 0	10	10	·120	⊔
9	·63	29·71	37·7	37·3	34·4	39·2	0·7	0·3	·212	·217	94	97	W 1	SE 2	10	10	·140	●
10	29·87	30·05	38·1	36·5	34·4	39·0	0·3	3·0	·224	·160	97	75	E 2	SE 3	10	10	·020	Milder.
11	30·14	·09	35·0	34·8	32·0	37·0	1·5	0·8	·174	·186	85	92	E 3	E 2	10	10	·060	✱⁰ ⊔
12	30·10	30·12	32·6	31·3	30·4	37·2	1·3	1·3	·156	·145	85	82	SE 1	W 1	8	10	·060	Cold, with ✱⁰. ⊔ p.
13	29·94	29·81	34·8	36·2	29·7	38·5	0·8	0·2	·186	·209	92	98	W 2	W 3	10	10	·020	⊔
14	29·61	29·65	34·7	35·0	32·4	37·0	0·4	1·2	·193	·180	96	88	W 2	N 4	10	10	·030	✱
15	30·06	30·13	31·3	30·0	28·4	36·0	0·2	1·0	·171	·140	97	83	NE 4	E 1	10	0	·020	✱² ⊔
16	29·88	29·50	29·0	30·6	21·4	33·0	1·9	0·3	·109	·162	69	96	W 3	W 2	10	10	·260	✱ ⊔
17	·81	29·98	25·0	29·6	23·4	30·6	*1·0*	0·3	*·100*	·155	74	95	S 1	SW 1	10	10	·030	Fine day. ⊔
18	29·99	30·21	33·0	37·0	26·0	38·0	1·2	0·7	·162	·206	86	91	SW 2	W 1	10	10	·140	⊔
19	30·33	·34	37·8	37·0	34·9	42·0	0·3	0·8	·221	·204	98	93	W 1	Calm 0	9	10	·010	Fine day.
20	·18	·25	38·0	37·1	35·0	41·0	0·2	1·6	·225	·190	98	86	W 3	SW 3	10	0	—	Very fine.
21	·22	·26	36·4	35·8	33·9	41·0	1·6	1·0	·184	·190	86	92	NW 3	NW 1	10	10	·080	Dull day. ● at night.
22	30·21	·07	32·6	43·0	32·4	43·0	0·4	1·5	·176	·244	96	88	N 1	SW 3	10	10	·070	Dull, with ● showers.
23	29·87	·01	41·0	44·7	39·0	45·1	1·2	0·7	·231	·279	90	94	W 3	SW 3	10	10	·010	Dull day.
24	30·04	·03	46·0	44·0	41·4	47·6	2·0	1·2	·264	·261	86	90	W 3	W 3	10	1	—	Dull day.
25	30·08	30·06	39·0	36·0	34·0	48·0	0·2	0·2	·233	·208	98	98	W 1	W 2	5	10	·010	Bright and sunny.
26	29·90	29·74	41·0	40·0	35·2	42·8	0·4	1·2	·248	·222	97	90	SSW 3	SW 4	10	10	·130	●⁰ ≡ ↗ p. Ⓣ
27	·91	·94	36·0	38·0	34·4	41·0	0·2	0·3	·208	·223	98	97	N 1	N 1	10	10	—	≡²
28	·81	·65	38·0	38·1	35·4	41·4	1·0	0·6	·208	·218	91	95	S 2	W 3	10	8	·070	Ⓣ
29	·47	·65	42·0	47·3	37·0	47·6	0·7	1·3	·251	·294	94	91	S 4	W 3	4	10	·010	Ⓣ
30	·95	·97	42·0	46·0	38·9	50·5	0·0	1·0	·267	·287	100	93	SW 3	WSW 4	7	10	—	
31	29·88	29·87	47·2	46·4	43·4	52·0	0·5	0·1	·312	·313	97	99	SW 4	W 4	10	10	·250	↗ a. Dull day.
Mean	29·951	29·949	34·7	35·9	31·0	39·1	0·7	0·8	·189	·198	91·7	91·9	2·0	1·9	8·3	7·5	1·970	

Southampton.—January 1893.

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24′ W. Lat. 50° 55′ N. Gravity Correction, + ·016 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer 9 p.m.	Air Temp. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Dep. of Wet 9 a.m.	Dep. of Wet 9 p.m.	Vapour Tension 9 a.m.	Vapour Tension 9 p.m.	Per-centage 9 a.m.	Per-centage 9 p.m.	Wind, Direction and Force 9 a.m.	Wind 9 p.m.	Cloud Amount 9 a.m.	Cloud 9 p.m.	Rain 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·81	29·84	25·8	23·2	23·2	34·4	0·0	0·0	·140	·124	100	100	NE 1·5	N 2	9	0	—	✱⁰ till noon. Fine and dry, but cold.
2	29·96	30·05	22·8	21·0	20·4	29·6	0·0	0·2	·122	·105	100	93	NW 1·5	NW 2·5	9	0	—	⊔² a. and p. Beautiful day, but very cold.
3	30·12	·19	24·0	32·8	17·7	33·5	0·3	1·0	·118	·166	91	88	W 1	Calm 0	9	10	—	⊔² a. Fine and dry. ✱⁰ p.
4	·31	·34	21·0	23·0	17·6	34·2	0·0	0·0	·113	·123	100	100	Calm 0	NE 0·5	1	0	—	⊔² ≡⁰ a. Fine, but cold. ⊔ n.
5	·32	30·23	22·6	29·9	18·4	33·1	0·0	1·1	·121	·137	100	81	NE 1	NE 1	10	10	—	⊔² ≡⁰ a.
6	30·09	29·91	32·8	30·8	29·3	35·5	0·8	0·8	·170	·152	91	88	E 2·5	E 3	10	10	·060	✱⁰ from 9p.
7	29·77	·68	29·6	31·0	28·6	32·5	0·4	1·0	·153	·148	93	85	NE 2	NE 3	10	10	·075	✱ before 9a. Fine and dry, but cold.
8	·59	·58	33·0	35·0	30·5	35·7	0·9	0·5	·169	·194	90	95	E 3·5	E 2	10	10	·087	Dull and raw, with ●⁰ a. ●⁰ p.
9	·60	29·69	35·3	35·4	33·9	38·0	0·3	0·4	·201	·200	97	96	NE 2·5	NE 3	10	10	·460	Cold, with ● most of day.
10	29·91	30·09	34·7	33·2	32·8	38·1	0·9	1·0	·184	·169	92	89	NE 2	NE 1·5	10	0	·022	Fine and dry.
11	30·23	·18	31·0	32·4	30·2	36·5	0·8	1·1	·153	·160	87	87	NE 1·5	NNW 1	2	10	—	⊔ ✱⁰ a. Beautiful a. Fine and dry.
12	·12	30·14	35·0	35·0	32·0	38·8	1·0	0·7	·184	·190	90	93	NNE 2	NW 1	10	10	·010	Fine and milder. Damp, with ≡⁰ p.
13	30·05	29·91	34·7	36·8	33·7	40·2	1·5	1·0	·172	·199	85	92	NW 2	NW 1	10	0	·040	Beautiful day. ●⁰ 8p. ⊔
14	29·69	29·69	37·0	31·7	31·3	39·2	0·8	0·8	·204	·160	93	90	NNW 2	N 4·5	10	0	·050	Dull and damp a. ● noon. ✱ 3p.—5p.
15	30·12	30·20	29·7	24·3	24·3	33·5	0·7	0·0	·146	·131	88	100	NNE 2·5	NNE 0·1	8	0	·003	✱ a. and p. Beautiful day.
16	29·87	29·56	34·0	39·2	22·5	40·1	2·0	0·7	·156	·226	79	94	SW 1	NW 3·5	10	9	·145	✱ 8.30a.—10a., then ● till 8p.
17	29·78	30·02	35·8	35·2	33·5	40·4	0·7	0·7	·197	·192	94	93	NE 1	NW 1·5	10	0	·137	●⁰ 10a. ✱ from 1p. Fine evening.
18	30·11	·30	38·6	40·1	32·3	46·5	0·4	0·6	·226	·236	97	95	NW 2	NW 0·5	10	10	·004	Cold ● 7a.—11a., then beautiful and mild.
19	·38	·33	36·0	38·7	35·2	44·0	0·4	0·4	·204	·227	96	96	Calm 0	Calm 0	10	10	·002	Fine and mild. ⌓ n.
20	·31	·38	43·3	36·7	35·7	45·5	0·3	1·4	·273	·191	98	88	NNE 1	N 0·5	10	0	—	Beautiful day. ⊔ 9p.
21	·39	·38	37·0	40·0	35·4	43·7	1·3	1·5	·195	·217	89	88	NW 2	NW 1	8	2	—	⊔⁰ a. Beautiful day.
22	·30	·16	40·1	42·3	36·8	46·2	0·6	0·6	·236	·257	95	95	NW 1·5	NW 2·5	10	10	—	Fine and mild.
23	·09	·11	42·6	44·4	40·2	53·4	0·7	0·4	·258	·283	94	97	NW 1	NW 1	10	10	—	Beautifully fine and mild.
24	·12	·09	44·1	43·7	43·4	48·7	0·7	0·6	·273	·270	94	94	W 1	WSW 2	9	1	—	Beautiful a. ⌓ p.
25	30·13	30·03	40·3	40·9	38·6	46·8	0·5	0·0	·240	·256	96	100	N 1	SSE 2	10	10	·042	● from 8p.
26	29·85	29·72	43·9	40·9	40·3	45·8	0·4	1·2	·278	·231	97	91	SW 3	N 4	10	8	·105	● most of day.
27	·97	·91	32·6	34·0	30·5	46·6	0·4	0·4	·177	·188	96	96	NW 0·5	Calm 0	1	9	·002	⊔ a. and n. ≡⁰ a. and p. Large Ⓣ 9p
28	·71	·53	39·9	43·7	33·5	44·8	1·1	1·0	·224	·262	91	92	S 3·5	SE 3·5	9	10	·090	Fine and dry a. ● noon—1p.
29	·33	·75	46·7	44·6	43·3	50·7	1·0	0·9	·296	·274	93	94	S 5	W 2	10	0	·030	● showers during day.
30	·96	·91	47·6	48·1	40·0	50·2	0·5	1·2	·317	·306	97	91	SW 2	S 4	10	10	·149	Dull and damp a. ● from 5p.
31	29·89	29·85	49·4	47·0	47·0	51·2	0·5	0·1	·340	·321	96	99	SW 2·5	SW 2·5	10	10	·210	Fine and mild. ●⁰ 9p. ●² 10.30p.
Mean	29·996	29·992	35·5	36·0	32·0	41·2	0·6	0·7	·201	·203	93·5	92·9	1·8	1·8	8·9	6·1	1·703	

Plymouth.—January 1893.

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 74 feet. Therms., 4 feet 6 ins. Rain-gauge, 10 ins.
Long. 4° 8′ W. Lat. 50° 22′ N. Gravity Correction, + ·015 in.

Day.	Bar. 9 a.m.	Bar. 9 p.m.	Air Temp. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Dep. of Wet 9 a.m.	Dep. of Wet 9 p.m.	Vapour Tension 9 a.m.	Vapour Tension 9 p.m.	Per-centage 9 a.m.	Per-centage 9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	Cloud 9 p.m.	Rain 9 a.m.	Remarks.
1	29·59	29·73	31·3	26·7	26·0	38·0	3·4	1·7	·104	·091	59	63	ENE	NNE	8	0	—	Squally a. Fine afternoon.
2	29·84	30·01	23·3	22·5	21·2	31·0	1·3	2·8	·082	·047	65	39	NNW	Calm	0	0	—	≡⁰ (mist) 9a. Fine day.
3	30·03	·12	26·0	28·6	18·0	39·0	1·5	1·0	·091	·127	66	81	N	NNE	9	2	—	Fine, clear, and sunny. ≡⁰ (mist) 9p
4	·15	·15	28·0	31·6	25·0	48·4	2·0	1·8	·097	·137	64	76	Calm	E by N	5	1	—	∞ till 10a., then fine, clear, and sunny.
5	30·09	30·01	39·0	38·5	31·0	40·2	3·1	3·1	·179	·176	76	75	E	SE	10	10	—	Dull and overcast.
6	29·87	29·67	37·7	36·8	36·0	38·8	3·1	1·4	·169	·191	75	87	ESE	ESE	10	10	·010	Overcast, with ●⁰ showers. Stormy n.
7	·52	·39	39·5	35·9	35·5	41·1	1·5	1·4	·213	·184	88	87	ESE	E	10	10	·160	≡⁰ (mist) 9a. Overcast, with ↗ (gale).
8	·30	·38	38·8	41·3	34·9	43·1	0·8	0·3	·220	·254	93	99	E	E	10	10	·210	Overcast, with ●.
9	·40	·56	41·0	39·9	39·0	42·1	1·0	1·9	·235	·208	92	85	E	E	10	10	·195	Dull and overcast, with ● showers.
10	29·75	29·93	36·5	36·3	36·0	39·9	1·6	2·3	·184	·172	86	80	NE	ENE	10	1	·002	Overcast till 4p., then clear.
11	30·07	30·10	35·0	34·0	33·0	38·0	3·1	3·1	·147	·138	72	70	ENE	NE	2	0	—	Clear and sunny.
12	·02	30·06	37·2	38·0	30·2	40·0	3·3	2·1	·161	·188	72	82	NE	Calm	8	10	—	Overcast a. and p.
13	30·00	29·89	37·5	41·4	35·0	43·0	1·6	1·1	·193	·237	86	91	Calm	NNW	10	0	·070	Overcast most of day.
14	29·66	29·60	41·7	35·0	33·5	45·0	1·0	4·0	·242	·133	92	64	WNW	N	10	0	·155	Overcast, with ●² showers.
15	30·03	30·10	33·0	32·5	29·0	35·0	4·6	2·6	·104	·131	54	70	N	N	0	0	·100	Fine and clear all day. ⊔ a. and p.
16	29·72	29·54	41·0	45·2	27·5	46·0	1·0	2·2	·235	·251	92	83	N	N	10	10	·060	≡ 9a. Overcast. ↗ (gale) 7p.
17	29·72	30·01	41·0	42·2	38·5	46·3	2·5	2·7	·207	·214	80	81	N	N by W	10	1	·035	Overcast and gloomy. Fine evening.
18	30·09	·24	46·7	44·0	41·0	49·4	2·2	1·5	·268	·255	84	83	NNW	N by W	10	0	—	Fine from 10a.
19	·29	·24	41·5	45·5	38·0	46·0	0·0	0·5	·262	·294	100	96	Calm	N	10	10	·050	≡ 9a. Overcast and gloomy, with ●⁰
20	·23	·34	45·5	40·0	40·0	47·0	1·5	2·0	·271	·207	88	84	N by W	NW	7	0	—	Fine and sunny.
21	·35	·35	43·0	43·5	36·3	45·4	3·0	1·5	·215	·250	77	87	NNW	NW	8	8	—	Fine and sunny.
22	·25	·14	45·6	45·5	43·0	47·9	1·8	1·4	·265	·273	87	89	WNW	NW	7	6	·010	≡⁰ (mist) 9a. ● showers. ⌒
23	·07	·07	47·0	48·1	44·2	50·0	1·0	1·1	·298	·308	92	92	NW	NW	10	8	·020	Overcast all day.
24	·05	30·00	46·0	47·6	45·0	49·9	0·5	1·3	·299	·298	96	90	W	WSW	9	9	·040	
25	30·00	29·84	40·5	47·5	39·0	48·0	0·0	0·7	·252	·312	100	95	SW	SW	10	8	·145	Overcast, with ≡. ●² shower in evening.
26	29·65	·69	46·5	40·5	40·0	47·6	0·5	1·0	·305	·231	96	92	SW	N	10	0	·335	●² till 4p.
27	·83	·70	34·0	41·9	30·9	46·1	1·1	2·9	·174	·208	88	78	NE by N	SSE	0	3	·020	Fine and sunny. ⊔ Ⓣ
28	·45	·21	46·0	48·0	40·3	48·7	1·0	0·6	·287	·321	92	95	SSE	SSE	10	10	·350	Overcast, with ●² ↗ (gale).
29	·15	·66	47·3	46·1	45·7	51·0	1·0	0·6	·302	·298	92	95	W	WNW	9	6	·005	
30	·77	·67	48·5	49·0	46·0	49·4	0·6	0·1	·327	·345	95	100	S	S by W	10	10	·445	≡⁰ (mist) 9a. Overcast and squally, with ●².
31	29·76	29·69	50·0	47·3	47·3	50·9	1·1	0·3	·331	·319	93	98	SSW	SW	10	10	·478	●² ▲ in afternoon.
Mean	29·861	29·873	39·9	40·0	35·7	44·3	1·7	1·6	·217	·219	83·6	83·6	—	—	8·1	5·3	2·885	

LONDONDERRY.—JANUARY 1893.

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

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind, Direction and Force. 9 a.m.	9 p.m.	Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·87	30·00	32·0	28·3	27·5	36·7	0·5	1·1	·170	·123	93	80	ESE 3	E 3	6	1	—	Fine and frosty.
2	30·11	·10	28·6	26·4	22·7	31·7	1·6	0·6	·112	·124	72	88	E 3	ESE 3	10	0	·040	Fine and frosty.
3	·11	·23	31·7	26·7	23·4	34·8	1·1	1·0	·153	·114	85	79	SW 4	NE 1	10	5	—	⚹ in past *n*. Fine and frosty. ≋⁰ (mist).
4	·27	·21	26·7	35·1	22·3	37·1	1·2	1·5	·109	·175	75	85	SW 2	S 2	10	10	—	
5	30·19	30·09	34·2	34·9	32·9	37·5	1·3	0·6	·172	·191	86	94	SE 3	S 2	10	10	·390	⚹⁰ *a*. ●⁰ during day.
6	29·96	29·82	36·2	34·5	33·6	37·2	0·5	0·8	·204	·184	95	92	SSE 4	SE 2	10	10	·160	● nearly all day.
7	·81	·81	33·0	34·5	31·5	35·4	1·3	1·9	·161	·162	85	81	NE 3	NE 3	10	10	·020	⚹⁰ during day.
8	·72	·65	36·2	36·7	34·0	38·1	1·5	1·2	·186	·195	87	90	NE 3	SE 1	10	10	·050	⚹ before 9*a*. ●⁰ during day.
9	29·75	29·94	37·7	36·6	35·4	40·1	1·5	1·8	·197	·183	87	85	ENE 2	NE 2	10	6	—	Fine day.
10	30·12	30·30	33·4	36·7	31·7	39·4	0·8	2·0	·175	·181	91	83	NE 2	Calm 0	8	10	—	
11	·42	·37	37·1	38·7	33·4	39·7	2·3	2·4	·178	·189	80	81	NE 2	NE 2	10	10	—	
12	·29	30·23	37·7	39·6	35·6	42·5	0·9	1·0	·209	·223	92	92	NW 2	N 2	9	10	·010	● at night.
13	30·09	29·99	37·5	40·1	37·5	46·8	2·2	1·1	·182	·225	81	91	NW 1	NW 2	8	10	·200	● showers from 6*p*.
14	29·76	30·13	35·7	33·0	32·0	41·5	1·3	1·3	·186	·161	88	85	NW 2	Calm 0	10	5	·050	▲ ⚹ showers.
15	30·25	29·95	34·7	37·7	32·1	38·2	1·0	0·7	·182	·212	91	94	NW 1	SW 2	10	10	·650	● showers during day.
16	29·81	29·90	46·5	44·7	36·5	48·6	0·6	1·8	·303	·255	95	87	NW 3	NW 3	10	0	·120	● nearly all day.
17	29·96	30·02	42·4	46·3	41·2	46·7	3·7	1·6	·198	·276	73	89	N 1	NW 3	6	10	·080	● showers during day.
18	30·14	·24	47·5	46·7	44·0	50·3	2·3	2·8	·274	·255	83	81	NW 3	NW 4	10	10	·020	
19	·15	·19	46·1	42·8	41·4	50·4	1·1	1·6	·286	·240	92	88	SW 3	SW 3	10	10	·150	● 4*p*.—9*p*.
20	·25	·37	42·5	42·7	40·0	44·9	3·5	4·0	·202	·196	74	71	NW 4	NW 2	7	10	·040	● showers.
21	·40	·36	42·0	44·7	38·6	46·8	1·2	0·9	·241	·275	91	93	NW 3	SW 3	8	10	·030	≋⁰ (mist) *a*. ● showers.
22	·26	30·15	44·4	47·3	42·4	50·4	0·8	1·1	·274	·299	94	92	SW 1	NW 2	10	10	·040	
23	30·00	29·93	49·4	47·7	46·2	51·5	0·8	1·5	·333	·294	94	89	WSW 3	W 4	10	4	·010	● *a*.
24	29·74	·86	47·2	43·7	42·5	48·7	0·9	2·0	·303	·242	94	85	SW 4	W 2	10	1	·270	● till noon.
25	·94	·67	38·7	42·7	37·0	45·0	0·4	1·5	·227	·241	96	88	WSW 2	SW 3	7	10	·010	● from 8*p*.
26	·48	·66	41·0	39·7	38·4	47·8	2·6	1·5	·204	·214	80	88	NW 5	SW 3	5	1	—	
27	·73	·55	39·9	42·7	37·6	45·4	1·9	3·0	·208	·213	85	78	SW 2	SW 4	10	10	·140	◐ 9*p*.
28	·26	·03	41·1	46·5	38·2	47·0	1·6	1·8	·224	·274	87	87	SE 4	SSE 4	10	10	·020	● showers from 4*p*.
29	·14	·48	42·3	44·0	40·4	49·3	0·9	1·4	·251	·257	93	89	SW 2	W 2	4	10	—	
30	·49	·36	49·1	48·7	43·8	52·8	2·6	2·5	·286	·284	82	82	SE 3	S 5	9	2	·240	● showers.
31	29·43	29·57	42·4	40·7	39·8	49·2	1·0	1·2	·250	·229	92	90	SW 2	Calm 0	9	10	·030	● *a*.
Mean	29·932	29·941	39·2	39·7	35·9	43·6	1·4	1·6	·214	·216	86·9	86·4	2·6	2·4	8·9	7·6	2·770	

ARMAGH.—JANUARY 1893.

Height above Mean Sea Level, 196 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 39′ W. Lat. 54° 21′ N. Gravity Correction, + ·025 in.

1	29·74	29·84	32·9	30·0	29·9	36·8	0·9	0·2	·169	·161	90	97	ESE 3	ENE 1	10	10	—	
2	·96	29·97	26·2	21·6	21·0	32·7	0·2	0·6	·136	·095	96	83	ENE 1	W 1	0	0	—	
3	29·98	30·10	29·0	23·3	21·2	34·9	0·4	0·2	·148	·118	93	95	SW 1	SW 0·5	10	0	—	
4	30·14	30·10	22·8	35·5	20·5	38·0	0·4	0·7	·108	·195	89	94	SW 0·5	SSE 0·5	0	10	·050	◡ *a*.
5	30·06	29·97	33·8	34·2	32·7	35·5	0·2	0·2	·190	·194	98	98	SE 1	SE 1	10	10	·140	⚹ before 9*a*.
6	29·84	·68	36·0	34·0	32·9	36·7	0·8	0·4	·197	·188	93	96	SSE 1	ESE 1	10	10	·088	Overcast all day.
7	·64	·63	31·9	33·7	31·0	34·0	0·2	0·6	·177	·182	98	93	ENE 2	ENE 3	10	10	·102	⚹ *a*.
8	·52	·50	35·0	36·7	33·0	36·7	0·2	0·8	·200	·202	98	93	ENE 3	E 3	10	10	·105	Overcast all day.
9	·59	29·77	37·0	36·7	34·9	38·3	0·1	1·5	·218	·189	99	87	ENE 1	NE 1	10	10	—	Overcast all day.
10	29·97	30·16	35·2	36·2	32·0	39·0	1·2	2·5	·182	·168	88	79	NE 1	NE 1	10	10	—	
11	30·25	·21	36·2	32·1	30·3	39·3	1·1	0·5	·193	·171	90	93	NE 0·5	N 0·5	10	10	·015	
12	30·14	30·08	37·1	35·2	30·2	39·4	0·2	0·4	·217	·198	98	96	N 0·5	NNW 1	9	9	·034	
13	29·98	29·82	36·8	39·5	34·1	45·0	0·1	1·0	·216	·222	99	92	W 1	WNW 2	10	10	·065	≋ *a*.
14	29·54	·96	34·9	27·4	27·3	40·0	0·3	0·3	·197	·141	97	94	N 2	N 1	10	0	·038	⚹ showers in afternoon.
15	30·11	·88	31·8	35·2	25·0	35·3	0·3	0·3	·173	·200	96	97	SW 1	SW 3	7	10	·310	
16	29·66	·74	45·0	43·6	34·1	47·7	0·2	0·1	·294	·282	98	99	NW 1	NNW 2	10	10	·014	
17	29·84	29·92	40·1	44·0	38·2	44·0	1·3	1·2	·221	·261	89	90	NW 1	W 1	4	10	—	
18	30·05	30·16	47·0	44·5	44·0	49·1	2·0	1·8	·275	·253	86	87	W 2	SSW 2	10	10	—	Overcast all day.
19	·07	·07	46·0	42·7	41·8	49·0	0·4	0·9	·301	·255	97	92	SW 3	W 3	10	8	·023	
20	·15	·27	41·0	38·8	37·6	45·1	2·1	1·9	·213	·199	83	85	W 1	W 1	7	10	·016	
21	·29	·25	39·6	42·8	34·8	44·2	0·8	0·1	·227	·272	93	100	WSW 1	W 1	9	10	·018	
22	30·14	30·02	44·6	46·5	40·0	48·1	0·4	1·0	·285	·293	97	93	W 1	W 2	10	9	·022	
23	29·91	29·84	48·7	46·0	45·2	51·0	0·8	0·9	·324	·289	94	94	SW 1	SW 3	10	4	·010	
24	·68	·75	47·5	42·7	42·5	50·0	1·1	1·7	·301	·237	92	86	SW 5	SW 2	10	5	·068	
25	·83	·54	38·0	40·8	35·2	44·8	0·2	1·0	·224	·234	98	92	SSW 1	S 2	8	10	·180	
26	·41	·57	40·7	36·8	36·5	47·1	2·0	1·1	·213	·197	85	91	W 1	SW 2	10	3	·008	
27	·65	29·47	38·8	41·1	35·0	44·0	1·9	1·4	·199	·228	85	89	SSW 1	SSE 2	9	10	·138	
28	·15	28·91	41·8	45·0	38·8	46·7	0·4	0·6	·256	·285	97	95	S 2	SSE 5	10	9	·065	
29	·06	29·38	44·4	44·8	42·3	48·0	0·6	1·0	·278	·273	95	92	SWbyS 1	SWbyS 1	9	9	—	
30	·42	·29	48·4	48·0	43·2	51·0	1·4	2·7	·305	·270	90	81	S 3	SbyW 3	10	0	·057	
31	29·40	29·47	45·8	41·6	40·6	50·3	2·0	1·1	·264	·240	86	92	SW 3	SWbyS 0·5	4	10	—	
Mean	29·811	29·815	38·5	38·1	34·4	42·6	0·8	0·9	·223	·216	93·1	91·8	1·5	1·7	8·6	7·9	1·586	

MARKREE CASTLE (SLIGO).—JANUARY 1893.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27′ W. Lat. 54° 11′ N. Gravity Correction, + ·024 in.

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind, Direction and Force. 9 a.m.	9 p.m.	Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·73	29·87	33·5	32·1	28·4	35·3	2·6	0·4	·140	·174	73	95	ESE 4	ESE 1	10	10	—	Overcast all day.
2	30·03	30·06	24·2	17·9	17·2	34·0	0·2	0·0	·123	·098	95	100	Calm 0	Calm 0	3	2	—	◡, ∞ 9*p*.
3	·09	·16	16·2	23·9	13·3	32·8	0·1	0·0	·087	·128	97	100	Calm 0	Calm 0	6	5	—	◡², ∞ 9*p*.
4	·18	30·11	23·0	34·2	17·0	35·0	0·1	0·1	·119	·196	97	99	Calm 0	SE 2	9	10	·090	⚹⁰ 9*p*.
5	30·04	29·95	34·0	35·0	32·5	35·4	0·1	0·3	·194	·198	99	97	SSE 3	SE 3	10	10	·180	Overcast all day.
6	29·85	·72	35·3	34·0	32·0	37·0	0·5	0·5	·197	·186	96	95	SSE 2	ESE 1	10	10	·180	∞ 9*a*. Overcast all day. ⚹⁰.
7	·65	·64	33·1	34·1	31·5	34·6	0·4	1·0	·180	·177	95	89	E 3	E 3	10	10	·030	⚹.
8	·55	·52	35·9	37·2	33·5	37·3	1·1	1·0	·192	·202	91	91	E 3	E 3	10	10	·030	Overcast all day.
9	29·58	29·82	38·7	36·9	35·8	40·7	0·9	1·9	·218	·183	93	84	E 1	ENE 2	10	10	—	Overcast all day.
10	30·02	30·20	35·2	32·7	32·1	39·2	1·8	1·3	·171	·159	83	85	E 1	E 1	10	7	—	
11	·33	·32	33·8	25·8	24·9	41·2	1·5	0·1	·164	·136	84	98	NNE 0·5	Calm 0	9	4	—	∞ 9*p*.
12	·25	30·20	35·3	35·1	23·1	40·3	0·7	0·1	·193	·203	94	99	N 0·5	NNE 0·5	5	10	·040	
13	30·11	29·98	42·7	42·2	34·0	45·0	0·9	1·4	·255	·239	92	90	NW 1	NW 1	10	10	·400	Overcast all day.
14	29·72	30·08	40·2	35·0	32·8	44·0	1·4	3·8	·220	·136	89	67	N 2	N 2	9	4	·030	● ² shower in past *n*.
15	30·22	29·94	33·8	37·6	30·1	37·7	0·7	0·5	·180	·215	92	96	N 0·5	SSW 1	10	10	·680	
16	29·81	29·88	46·3	44·8	36·4	47·3	0·3	0·7	·307	·280	98	95	NW 4	NW 3	10	10	·120	●² in past *n*. Overcast all day.
17	29·96	30·03	44·0	47·2	40·2	47·2	0·2	3·2	·283	·251	98	78	NNW 3	NNW 3	10	10	·030	
18	30·17	·24	47·0	44·8	43·9	49·1	3·1	1·8	·251	·255	78	86	NNW 2	SW 1	9	10	·010	
19	·16	·18	47·5	44·0	43·2	50·9	1·3	1·9	·296	·246	90	85	SSW 1	NW 2	10	8	·060	
20	·28	·37	41·0	40·0	38·0	46·0	2·1	1·0	·213	·226	83	92	W 2	W 1	9	10	·120	
21	·40	·35	40·4	44·7	36·1	47·4	0·6	1·1	·239	·271	95	92	WSW 0·5	WSW 1	9	10	·040	
22	·25	30·14	45·2	46·3	41·7	50·1	0·3	1·3	·295	·283	98	91	SW 0·5	WSW 1	10	10	·020	Overcast all day.
23	30·01	29·94	48·0	47·0	44·5	51·0	0·9	1·8	·312	·280	94	87	SSW 1	WSW 1	10	10	·010	Overcast all day.
24	29·74	·86	48·3	40·3	39·1	49·4	0·8	1·1	·319	·227	95	92	SSW 1	SSW 1	10	8	·130	
25	·90	·50	33·2	41·9	31·7	44·4	0·1	0·9	·188	·246	99	93	SSW 0·5	SSE 4	10	10	·180	◡
26	·53	·65	40·2	36·4	35·3	47·0	2·6	0·7	·198	·202	80	94	WSW 0·5	Calm 0	5	9	·010	
27	·66	29·41	38·8	42·2	32·8	44·1	2·1	2·4	·196	·219	84	83	S 3	SSE 6	10	10	·080	
28	·17	28·91	41·0	46·0	39·5	46·0	1·0	1·0	·235	·287	92	93	SE 2	SSE 2	10	10	·050	Overcast all day.
29	·14	29·42	40·2	48·0	38·3	51·7	0·4	1·0	·241	·309	96	93	S 1	S 2	10	10	·010	∞ 9*a*.
30	·40	·30	49·1	46·9	45·8	52·9	2·0	2·2	·299	·269	86	85	SSE 3	S 4	10	6	·230	
31	29·44	29·52	44·0	37·9	36·8	50·4	1·7	0·7	·250	·213	86	94	SW 2	Calm 0	7	10	·010	
Mean	29·881	29·879	38·4	38·5	33·6	43·4	1·0	1·1	·218	·216	91·0	90·9	1·6	1·7	9·0	8·8	2·770	

DUBLIN (PHŒNIX PARK).—JANUARY 1893.

Height above Mean Sea Level, 155 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 21′ W. Lat. 53° 22′ N. Gravity Correction, + ·022 in.

1	29·76	29·85	34·5	34·1	31·7	37·3	2·8	1·1	·145	·175	73	88	SE 2	ESE 2	9	8	·045	
2	29·98	30·04	26·5	16·3	14·6	34·3	0·3	0·2	·134	·085	94	94	Calm 0	Calm 0	5	0	—	⚹⁰ 3.30 *a*.—5.30 *a*. [3°·0
3	30·05	·14	23·8	21·1	13·6	30·8	0·3	0·2	·117	·106	92	94	NE 1	Calm 0	6	1	—	Cloudy day. Clear *n*. Min. on grass
4	·20	·18	21·5	36·5	16·0	38·9	0·3	1·0	·105	·197	91	92	Calm 0	SE 1	2	8	—	Beautiful day.
5	30·10	30·01	36·8	37·2	34·8	37·8	1·1	0·9	·197	·204	91	92	SE 1	SE 1	9	9	·025	Dull, with ●² showers. [(sleet) *n*.
6	29·90	29·74	36·9	36·4	34·9	38·1	1·1	0·8	·198	·200	91	93	SE 1	SE 1	9	10	·170	Dull day, with ●⁰ showers *p*. ⚹ ●
7	·61	·60	34·7	36·0	32·1	36·6	0·8	0·6	·186	·201	93	95	ESE 1	E 2	10	10	·480	Dull, with ⚹ ● (sleet) ● showers.
8	·50	·51	37·1	38·6	34·7	38·8	0·9	0·5	·203	·224	92	96	E 3	E 1	10	10	·310	Dull, with ●². [⚹⁰ 2*p*.—3*p*.
9	·59	29·79	39·6	39·3	37·7	40·7	1·2	1·1	·219	·219	90	92	ESE 1	E 2	9	10	·020	Dull day. ●⁰ showers *p*,
10	29·93	30·13	39·2	40·1	36·9	41·1	1·2	4·0	·216	·173	90	69	E 1	ESE 1	9	9	·015	Cloudy day. ●⁰ showers *p*.
11	30·26	·27	39·2	32·6	31·1	41·4	2·5	1·1	·192	·162	80	87	E 1	NE 1	7	1	—	Cloudy day. Clear *n*.
12	·20	30·15	32·2	37·8	31·0	44·0	0·8	1·4	·165	·200	90	89	Calm 0	Calm 0	1	9	·010	Beautiful day.
13	30·06	29·91	35·8	39·2	34·1	44·3	1·5	1·1	·183	·218	87	91	Calm 0	W 1	1	7	·050	●⁰ showers *a*. and *p*.
14	29·61	29·96	40·0	30·2	29·9	40·1	1·3	0·4	·220	·157	90	94	WNW 2	N 1	8	1	·025	●⁰ showers *a*. Cloudy day. ⚹⁰ *p*.
15	30·18	30·01	30·1	35·9	24·9	37·7	0·4	1·1	·156	·192	94	91	Calm 0	W 1	2	10	·350	Overcast, with ●² *n*.
16	29·73	29·79	45·4	45·3	33·8	48·5	1·0	1·7	·281	·263	93	87	NW 1	N 2	10	9	·090	●² *a*. Dull, with ●⁰ showers. Cloudy
17	29·88	30·03	40·5	41·7	40·0	45·5	2·3	1·1	·206	·241	82	92	NW 1	W 1	6	6	·020	Cloudy day. ●⁰ showers *n*. [*n*.
18	30·13	·27	45·6	43·8	41·1	48·8	2·6	1·3	·248	·257	81	90	W 2	WNW 1	8	7	—	Cloudy day.
19	·21	·14	45·3	48·2	41·4	50·0	1·5	1·4	·268	·302	89	91	W 1	W 2	8	10	·025	Cloudy day. ●⁰ showers *p*.
20	·27	·36	39·7	39·4	38·3	48·4	2·2	2·8	·202	·188	82	78	W 1	W 1	5	5	—	Beautiful day.
21	·38	·34	38·2	42·0	34·7	44·0	1·7	1·3	·197	·239	86	90	W 1	W 1	6	6	·005	
22	·23	30·11	43·6	46·2	40·7	48·0	1·0	1·1	·261	·287	92	93	W 1	W 1	9	6	·040	Cloudy, with ●⁰ showers.
23	30·01	29·96	48·3	47·6	45·5	52·6	1·6	2·1	·299	·280	89	86	W 2	W 1	8	7	·005	Cloudy day.
24	29·83	·89	46·1	42·4	41·0	52·2	1·7	1·2	·273	·245	88	91	SW 2	W 1	6	0	·025	●⁰ showers *p*. Clear *n*.
25	·94	·66	40·7	44·2	38·5	49·7	1·9	1·7	·215	·253	85	87	Calm 0	SSE 1	5	8	·010	Cloudy, with ● showers *n*.
26	·53	·68	42·3	37·2	36·2	48·2	1·8	1·6	·232	·191	87	86	W 2	W 1	8	1	—	Cloudy *a*. Bright *p*.
27	·75	·58	41·0	42·5	35·7	46·0	2·7	2·8	·202	·215	79	79	SW 1	S 3	2	8	—	
28	·20	·03	43·2	46·6	39·8	50·8	1·6	1·4	·245	·285	88	90	SE 1	SSE 2	7	7	·110	Cloudy day. ● showers *n*.
29	·12	·51	43·4	47·4	37·1	51·6	1·0	2·6	·260	·267	92	83	Calm 0	SW 1	5	6	·010	Beautiful day. Cloudy *n*.
30	·55	·42	49·6	48·3	46·4	55·2	3·3	2·4	·276	·281	78	83	S 2	SW 2	4	1	·010	●⁰ 6*p*. Clear *n*.
31	29·53	29·55	47·0	42·6	41·3	53·0	3·3	1·6	·247	·238	77	87	WSW 2	Calm 0	1	9	·570	Beautiful day till 1.30 *p*., then ● [showers.
Mean	29·876	29·890	39·0	39·2	34·5	44·3	1·5	1·4	·211	·218	87·3	88·7	1·1	1·2	6·3	6·4	2·420	

PARSONSTOWN (BIRR CASTLE).—JANUARY 1893.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar., − 2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 inches.
Long. 7° 55′ W. Lat. 53° 6′ N. Gravity Correction, + ·021 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·66	29·80	32·5	31·5	28·8	35·2	3·1	0·6	·122	·163	67	92	SE 2	SE 1	10	6	—	
2	29·94	30·01	23·2	21·2	19·8	32·5	0·3	0·3	·113	·103	92	91	Calm 0	Calm 0	0	0	—	═ 2 n. Day fine and bright.
3	30·04	·12	15·9	20·7	14·0	30·5	0·8	0·3	·065	·101	74	91	Calm 0	Calm 0	0	0	—	═ 2 n. Day fine and bright.
4	30·12	30·07	24·7	36·2	15·8	37·7	0·6	1·3	·113	·189	84	89	Calm 0	SE 1	10	10	·190	═ 2 n. Day dull, with ● 0.
5	29·99	29·90	38·2	38·5	34·6	39·2	0·8	0·6	·214	·221	94	95	SE 1	SE 1	10	10	·240	Dull, with ●
6	·79	·65	37·7	35·5	34·8	39·7	1·6	1·2	·195	·185	86	89	SE 1	SE 1	10	10	·062	Dull, with ● 0.
7	·53	·50	33·9	33·7	31·8	36·2	1·0	0·6	·175	·182	89	93	NE 1	NE 1	10	10	·212	✳ 0 n. Dull, with ● 0 a. ✳ during [day.
8	·40	·42	34·5	37·9	32·3	38·2	0·6	1·0	·188	·209	94	92	NE 1	NE 1	10	10	·120	✳ 0 ● during day.
9	·55	29·72	37·2	38·2	35·8	39·0	0·5	1·1	·212	·208	95	91	Calm 0	Calm 0	10	10	—	≋ 0 (mist) 9a. Dull and gloomy.
10	29·91	30·10	36·7	34·9	34·3	39·2	1·8	0·8	·184	·187	85	92	Calm 0	Calm 0	10	10	—	
11	30·23	·24	34·7	31·5	28·8	39·0	1·6	0·6	·170	·163	84	92	Calm 0	Calm 0	10	10	—	Dull a.
12	·18	30·16	32·9	36·9	26·8	38·7	0·2	1·0	·183	·200	98	92	Calm 0	Calm 0	6	10	—	═ ✳ 0 n. Day dull.
13	30·08	29·97	37·5	39·2	32·0	43·0	0·8	1·3	·209	·214	93	89	Calm 0	Calm 0	10	10	—	Dull day.
14	29·67	30·01	40·7	31·2	30·8	40·9	0·8	1·3	·237	·144	93	82	SW 2	NW 1	10	0	—	Dull a.
15	30·18	30·01	24·9	35·9	22·8	37·7	0·2	0·8	·127	·196	95	93	Calm 0	SW 1	4	10	·450	═ n. Fine a.
16	29·79	29·83	45·7	44·2	33·8	47·5	0·3	1·1	·301	·265	98	92	NW 1	NW 1	10	10	·020	Dull and gloomy, with ●
17	29·94	30·06	30·5	43·9	38·6	45·5	1·8	1·0	·207	·265	86	92	Calm 0	Calm 0	3	10	—	Fine a.
18	30·16	·26	45·7	41·2	39·3	48·9	2·5	1·1	·256	·235	84	92	W 1	SW 1	10	10	—	Dull and gloomy.
19	·20	·15	45·9	47·7	39·8	50·2	0·5	0·3	·298	·321	97	98	SW 1	SW 1	10	10	·020	Dull, with ●
20	·28	·37	39·9	35·5	34·8	47·9	1·8	0·4	·210	·200	85	96	SW 1	Calm 0	10	8	—	Fine day. Dull evening.
21	·39	·35	38·7	42·7	34·0	46·5	0·8	0·8	·220	·257	94	93	Calm 0	Calm 0	6	8	—	Fine day. Dull evening, with ≋ 0
22	·26	30·15	43·7	42·9	40·3	49·7	0·6	0·8	·271	·258	95	94	SW 1	Calm 0	10	0	·030	≋ (mist) n. Dull and mild. [(mist).
23	30·03	29·98	47·7	46·5	39·8	51·5	0·6	1·1	·315	·291	96	92	SW 1	SW 1	10	10	·030	● 0 n. Cloudy and mild.
24	29·82	·88	46·9	39·7	38·8	49·9	2·0	0·8	·274	·228	86	93	SW 1	Calm 0	10	0	·050	● 0 n. Day dull, with ●. Fine
25	·91	·55	37·7	43·5	34·8	45·9	0·3	0·6	·220	·269	98	95	Calm 0	SW 2	10	10	·330	═ 0 n. Dull, with ● [evening.
26	·53	·67	40·5	33·9	33·0	47·5	1·6	0·5	·219	·185	87	94	SW 1	Calm 0	9	0	—	
27	·68	29·44	38·5	43·5	32·3	44·7	1·6	1·6	·201	·238	87	87	SE 1	SE 2	8	10	·260	═ 0 n. Fine day. ● in evening.
28	·17	28·89	39·7	45·0	38·0	47·7	0·4	0·8	·237	·290	96	95	Calm 0	SE 1	10	10	·080	● n. and during day.
29	·13	29·45	38·5	44·0	37·3	49·7	0·6	1·0	·221	·275	95	93	Calm 0	Calm 0	2	8	·040	
30	·44	·34	49·7	46·7	42·8	52·3	1·8	1·3	·312	·289	88	91	SE 1	SE 1	9	2	·442	● 0 n. Day dull, with ● 2.
31	29·50	29·50	45·7	42·7	41·6	51·2	2·3	0·8	·256	·257	84	93	SW 1	Calm 0	3	10	·318	⚢ ● 2 n. Fine day.
Mean	29·853	29·855	37·7	38·3	33·0	43·4	1·1	0·9	·210	·219	89·7	92·0	0·6	0·6	8·1	7·5	2·894	

DEERNESS.—FEBRUARY 1893.

Height above Mean Sea Level, 169 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45′ W. Lat. 58° 56′ N. Gravity Correction, + ·036 in.

1	29·42	29·47	37·5	36·8	36·0	43·0	1·0	0·8	·205	·202	92	93	WSW 3	W 2	3	3	—	
2	·39	·65	37·0	38·8	36·0	39·8	0·4	0·8	·213	·220	97	94	Calm 0	W 2	10	4	·100	
3	·75	29·83	41·0	43·0	37·0	44·0	0·0	1·0	·257	·255	100	92	S 4	S 5	10	10	—	∞ a.
4	29·86	30·01	43·0	41·4	40·0	44·8	0·8	0·4	·259	·252	94	97	S 6	Calm 0	9	0	·090	♕
5	30·00	29·93	40·6	41·0	38·5	43·6	0·4	0·6	·245	·244	97	95	S 2	S 4	6	0	—	Mackerel sky. ♕
6	29·83	·52	41·2	43·6	39·0	43·8	1·2	1·6	·233	·248	91	87	S 4	S 7	3	10	—	
7	·41	·46	42·0	40·7	39·5	44·8	2·0	1·7	·225	·218	85	86	SW 7	W 4	0	0	—	
8	·28	29·25	37·8	39·0	35·0	41·1	1·6	1·0	·196	·218	87	92	NW 2	W 5	7	5	·170	
9	29·11	28·52	41·1	41·0	37·7	43·4	1·1	2·0	·234	·215	91	84	SW 3	SW 4	10	2	·280	Bar. 28·47, 11.30p.
10	28·62	29·08	40·0	39·0	37·0	44·2	0·8	0·5	·230	·238	94	96	WNW 3	NW 1	5	10	·120	
11	28·99	·19	35·3	32·0	31·6	39·8	2·5	1·7	·158	·143	77	78	NE 6	NNE 1	10	10	·020	▲ ✳ showers.
12	29·31	·38	32·1	30·0	27·7	34·8	3·7	1·0	·103	·140	59	83	NW 5	NNW 5	2	2	·100	Frequent ✳ showers.
13	·33	29·18	29·8	35·3	28·8	35·8	0·6	3·3	·149	·146	90	70	Calm 0	SE 7	1	2	—	Greenish blue sky at horizon 4p.
14	29·02	28·48	35·0	38·6	32·0	38·8	2·2	0·4	·160	·226	79	97	E 9	E 4	10	10	·540	⚳ ✳ 2 ● 2 (sleet) ✳ 2 all day [till 7p.
15	28·97	29·39	39·8	40·0	36·0	42·6	1·5	3·0	·215	·189	88	76	SSW 8	SSE 6	8	0	—	♕
16	29·30	·14	41·3	42·0	39·0	42·2	0·5	0·0	·230	·267	96	100	E 5	SE 5	10	10	·450	● 2 from 9a.
17	·29	·50	40·0	38·0	37·3	42·8	2·7	1·4	·194	·201	78	88	S 6	S 3	7	0	·150	
18	·28	·45	41·5	42·0	36·0	46·8	0·8	1·0	·246	·245	94	92	SE 3	S 3	10	0	·030	
19	·47	·32	41·6	41·1	38·0	45·8	0·6	0·1	·250	·256	95	99	SSE 1	ESE 3	1	10	—	∞ 9p.
20	29·21	·03	41·2	41·6	40·0	43·1	0·1	0·4	·257	·254	99	97	SE 4	SE 2	10	2	—	≋ 2 a.
21	28·96	·09	40·8	40·0	38·6	42·2	1·6	1·7	·221	·213	88	86	E 3	ENE 5	6	2	·080	
22	29·32	·41	37·0	35·3	34·6	40·8	1·0	0·6	·200	·195	91	95	NNE 3	SE 2	7	9	·040	
23	·39	·25	34·4	35·0	32·2	38·4	1·1	2·8	·177	·151	88	74	WSW 1	SSW 2	10	9	—	Distant objects distinctly seen. [blue. Hills
24	·14	·10	33·4	31·2	29·6	36·8	2·4	0·9	·143	·153	75	87	WSW 1	N 7	6	9	·080	✳ before 9a. ✳ 2 6p.—midt.
25	·15	29·18	29·0	29·2	24·3	31·5	3·2	0·5	·083	·147	52	92	N 2	SW 2	5	9	—	✳ from 9p.
26	29·14	28·87	31·5	35·3	27·4	36·0	2·8	2·3	·116	·162	66	78	Calm 0	ENE 5	0	10	·380	Calm 4a.—3p. ⊕ ✳
27	28·63	28·98	34·8	34·2	31·5	36·2	0·5	·2	·192	·154	95	78	NNE 6	E 6	10	10	·030	✳ all past n. ♕
28	29·27	29·47	34·6	34·2	32·6	37·3	1·6	1·2	·169	·174	84	87	WSW 5	W 3	4	1	—	Frosty day. ⚳ (gale).
Mean	29·280	29·290	37·7	37·8	34·7	40·9	1·4	1·2	·199	·204	86·5	88·3	3·6	3·8	6·4	5·3	2·660	

DUNROBIN CASTLE.—FEBRUARY 1893.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56′ W. Lat. 57° 59′ N. Gravity Correction, + ·034 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·66	29·63	33·5	34·1	33·1	44·0	2·2	1·3	·148	·171	77	86	N	E	—	—	—	Clear p.
2	·59	29·90	33·3	35·3	31·5	45·7	1·5	1·2	·160	·186	84	89	N	W	—	—	·330	Clear p.
3	29·96	30·00	40·4	43·4	34·7	48·5	1·9	0·2	·213	·276	85	99	E	SW	—	—	—	
4	30·06	·12	43·2	37·1	35·5	45·0	1·9	2·6	·238	·173	85	78	W	W	—	—	—	Dull and mild.
5	·13	30·06	39·4	40·2	37·0	46·5	0·9	1·9	·224	·211	93	85	NE	NW	—	—	—	Dull and mild.
6	30·02	29·67	37·4	44·4	34·7	47·2	1·6	2·0	·192	·248	86	85	W	W	—	—	·100	Clear and mild.
7	29·65	·64	41·6	37·6	37·3	48·0	3·3	2·3	·198	·182	76	80	NW	W	—	—	—	Clear and mild.
8	·51	29·51	36·1	40·4	33·5	44·7	2·3	1·9	·171	·213	79	85	W	W	—	—	·080	Dull and mild.
9	29·33	28·71	40·4	40·2	38·3	45·7	2·3	3·9	·205	·175	82	70	W	W	—	—	·290	Dull and mild. ● 2 showers.
10	28·88	29·18	39·4	38·9	34·7	47·0	1·6	1·4	·210	·210	87	90	W	W	—	—	·280	
11	29·16	·39	36·1	35·1	34·3	40·7	1·8	2·0	·179	·165	84	81	E	NE	—	—	·030	Dull, with showers of ✳ ● (sleet).
12	·57	·68	30·5	29·3	27·7	37·5	2·2	0·2	·118	·157	70	97	W	W	—	—	—	Clear p.
13	·55	29·29	29·6	35·3	28·8	38·5	1·8	1·8	·117	·172	72	83	W	E	—	—	·050	Clear p.
14	·09	28·89	35·3	38·6	31·7	41·7	1·2	1·5	·183	·205	89	88	E	E	—	—	·370	⚳ (gale) ● showers.
15	·31	29·54	38·2	42·9	37·8	47·3	1·9	5·1	·193	·180	84	65	NW	S	—	—	·070	Dull day.
16	·40	·40	41·9	45·4	37·5	45·7	0·8	7·1	·248	·168	94	55	E	SW	—	—	—	Dull day.
17	·53	·52	40·4	37·1	34·7	45·3	1·9	2·6	·213	·173	85	78	W	W	—	—	·300	Fine a. Dull p.
18	·50	·63	41·4	46·6	37·0	52·5	2·1	3·2	·218	·245	84	78	W	NW	—	—	—	Fine day.
19	·60	·47	35·8	44·4	32·5	51·0	1·5	2·0	·183	·248	87	85	E	E	—	—	—	Fine day.
20	·36	·17	42·4	38·6	36·3	44·9	2·1	2·3	·227	·190	84	81	E	N	—	—	—	Fine a. Dull p.
21	·08	·20	38·4	39·4	33·7	42·5	1·3	2·1	·206	·201	89	83	E	E	—	—	—	Dull, with ●
22	·46	·62	37·9	36·3	35·0	40·5	2·6	2·0	·179	·177	78	83	E	E	—	—	·240	
23	·61	·43	34·5	32·3	29·5	38·7	3·2	2·0	·140	·141	71	76	NW	NW	—	—	—	Fine and clear.
24	·30	·31	32·3	33·3	32·3	39·5	2·0	1·0	·141	·170	76	89	W	E	—	—	—	✳ showers.
25	·32	·34	30·3	34·3	29·0	34·3	1·2	2·0	·139	·159	81	80	E	E	—	—	·060	Dull, with ⚳
26	·29	·02	29·3	34·1	27·3	36·5	1·5	1·3	·121	·171	75	86	NW	E	—	—	—	Dull and frosty. ✳ showers.
27	·08	·31	31·3	33·8	30·5	37·5	1·0	1·5	·152	·164	86	84	NW	W	—	—	·120	✳ showers. ✢ 0.
28	29·51	29·51	32·9	32·8	32·5	39·3	2·0	2·7	·136	·133	73	71	NW	NE	—	—	·090	Dull and frosty.
Mean	29·482	29·469	36·5	37·9	33·5	43·4	1·9	2·2	·180	·188	82·0	81·8	—	—	—	—	2·410	

BRAEMAR.—FEBRUARY 1893.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches.
Long. 3° 24′ W. Lat. 57° 0′ N. Gravity Correction, + ·030 in.

1	28·49	28·52	30·7	35·0	29·7	40·2	0·6	2·3	·157	·158	91	77	SW 0·5	SW 1	6	5	—	Fine day.
2	·42	·69	33·7	53·7	32·0	40·4	2·0	1·7	·153	·159	79	82	SW 2	SW 0·5	6	7	·090	Fine day.
3	·83	·87	36·7	41·6	31·7	43·8	0·7	2·5	·205	·212	94	81	SW 0·5	SW 4	8	9	—	Fine day.
4	28·93	·99	42·3	42·6	40·3	43·7	1·7	1·0	·234	·251	87	92	SW 1	SW 0·5	8	9	—	Fine day.
5	29·00	·96	38·6	38·4	36·0	42·8	1·0	2·0	·215	·193	92	84	SW 1	SW 0·5	10	8	—	Fine day.
6	28·87	·62	38·6	41·4	35·7	42·6	1·6	2·4	·203	·212	87	82	SW 2	SW 10	5	8	·080	
7	·57	·53	39·1	38·0	35·7	43·7	2·1	2·3	·196	·185	82	81	SW 4	SW 4	8	7	·160	Cold, with ● showers.
8	·36	28·40	34·7	35·7	33·0	38·8	2·0	0·9	·162	·194	80	92	N 0·5	W 2	5	8	·050	
9	28·25	27·70	39·3	35·0	34·8	44·7	1·6	0·9	·209	·186	89	91	SW 0·5	SW 2	8	10	·450	● showers p.
10	27·73	28·14	36·8	38·2	33·2	41·4	1·8	2·5	·184	·183	85	80	NW 4	SW 1	8	8	·240	Stormy a. Dull p.
11	27·94	·11	34·5	31·7	30·7	38·8	0·8	0·0	·184	·180	92	100	SW 2	NE 0·5	10	10	·470	✳
12	28·35	·42	26·7	25·7	23·8	32·8	0·0	1·0	·145	·105	100	77	NE 0·5	NE 0·5	6	2	—	Fine day.
13	28·37	28·13	9·0	30·7	9·0	31·6	0·0	0·2	·065	·167	100	97	NW 0·5	NW 0·5	0	10	·060	Fine a. ✳ showers p.
14	27·84	27·70	33·5	36·4	29·8	38·0	0·6	1·9	·182	·180	93	84	NE 2	SW 6	10	5	·550	✳ ● (sleet) ✳.
15	28·24	28·39	34·4	37·4	32·2	38·2	1·1	2·9	·177	·171	88	76	SW 2	NE 0·5	6	7	·160	Fair and clear.
16	·26	·23	35·3	36·1	32·5	40·6	0·3	1·4	·201	·187	97	87	NE 0·5	SW 2	10	8	·100	Dull and damp.
17	·41	·51	34·7	34·5	32·0	38·3	2·3	1·5	·157	·170	77	84	SW 2	SW 2	4	9	·080	Fair and clear.
18	·40	·49	38·6	33·9	32·8	47·7	0·0	0·9	·234	·177	100	92	SW 0·5	SW 0·5	9	1	—	Fair and clear.
19	·47	·34	31·7	41·9	28·0	42·7	0·0	0·5	·180	·255	100	96	SW 0·5	SW 0·5	8	10	·020	Dull and damp.
20	28·23	28·08	38·3	34·9	33·8	45·0	0·4	0·4	·223	·195	97	96	SW 0·5	SW 0·5	8	8	·080	Fine day.
21	27·88	27·97	35·3	34·7	33·0	36·6	0·2	0·3	·203	·196	98	97	SE 0·5	NE 0·5	10	10	·290	Dull and damp.
22	28·22	28·35	31·5	29·7	28·8	35·3	0·4	1·0	·168	·138	95	84	NE 0·5	NE 0·5	10	9	·070	✳ showers.
23	·39	·30	28·0	28·7	26·3	30·7	0·5	0·5	·137	·143	89	91	NE 0·5	SW 0·5	8	8	—	Dull and cold.
24	·19	·06	22·5	27·4	20·6	32·2	0·8	0·7	·093	·128	78	86	SW 2	SW 0·5	8	8	·150	
25	·08	28·17	25·4	25·7	21·2	30·3	0·7	1·0	·114	·106	83	77	SW 0·5	NE 0·5	8	8	—	Fine day.
26	28·09	27·70	18·0	30·2	14·2	31·0	0·5	0·7	·081	·150	83	89	NE 0·5	NE 4	10	10	·250	✳ ✢ all day.
27	27·75	28·15	28·7	28·7	27·2	36·1	0·8	1·2	·135	·124	86	79	NW 6	W 0·5	10	1	·020	✳ ✢ a Fair p.
28	28·55	28·55	31·7	29·7	24·2	36·7	1·4	1·0	·147	·138	81	84	SW 0·5	SW 0·5	8	3	—	Fine day
Mean	28·317	28·323	32·4	34·2	29·4	38·7	0·9	1·3	·169	·173	89·4	86·3	1·4	1·7	7·7	7·4	3·370	

LAUDALE.—FEBRUARY 1893.

Height above Mean Sea Level, 14 feet. Heights above Ground :—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 41′ W. Lat. 56° 41′ N. Gravity Correction, + ·031 in.

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind, Direction and Force. 9 a.m.	9 p.m.	Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·69	29·66	34·5	40·3	32·0	46·5	0·3	0·5	·194	·240	97	96	Calm 0	WNW 2	3	8	·310	⊔ a. ▲ ● showers all day.
2	·61	29·85	41·3	43·7	36·2	46·1	2·8	2·7	·204	·227	79	79	Calm 0	NE 1	5	9	·080	
3	29·97	30·01	48·0	48·3	39·6	48·7	3·3	2·3	·257	·282	77	84	Calm 0	S 6	8	7	·160	↗ (gale) noon till 7p.
4	30·06	·16	47·3	46·3	44·0	49·7	1·8	1·3	·283	·283	88	91	SSW 4	Calm 0	10	10	·400	Squally, with ●.
5	·15	30·11	44·5	43·0	40·2	50·0	2·5	2·0	·238	·234	81	84	S 4	S 5	7	10	·060	∞ a. ● at night.
6	30·01	29·72	45·7	46·4	40·9	49·0	0·9	2·3	·287	·262	94	84	SSE 4	S 6	10	10	·420	Squally day. ↗ (gale) ● from 10p.
7	29·79	·67	45·7	41·0	38·7	46·7	3·5	1·8	·231	·219	75	86	W 7	Calm 0	9	10	·800	↗ till 5p. K² 3p. ▲. ●² 9p.
8	·61	29·61	47·8	44·0	37·2	48·8	1·8	2·0	·288	·244	87	84	NW 3	W 8	8	10	·620	▲² showers. ↗ p.
9	·37	28·85	43·9	41·0	38·5	48·9	3·1	2·0	·221	·215	77	84	W 7	NW 9	10	10	1·700	↗ ● ▲. <² 7p. ↗² 8p. [a.
10	·00	29·20	43·0	42·3	38·6	47·7	1·8	1·6	·238	·236	86	88	WNW 4	Calm 0	10	10	·450	↗ (gale) n. Bar. 28·79 1a. ≋⁰ (mist)
11	·22	·26	45·0	38·8	31·4	46·2	0·7	1·8	·282	·201	94	85	NW 6	NW 4	10	10	·380	↗² (gale) a. ✳ ● (sleet) ▲ ● n.
12	·57	·66	36·2	35·0	31·3	45·3	1·2	1·0	·191	·184	89	90	Calm 0	Calm 0	9	10	·050	[sleet.
13	29·47	29·15	34·2	38·0	28·5	42·4	2·9	2·0	·142	·190	73	83	E 3	WNW 2	6	10	·070	✳⁰ a. Very cold day. ↗ ✳ ●
14	28·78	28·89	39·0	42·3	35·5	44·2	1·5	2·7	·209	·215	88	80	ESE 5	WNW 7	10	4	·630	↗ (gale) ✳ ● (sleet). Bar. 28·58 3p.
15	29·38	29·46	42·5	42·7	37·3	45·4	2·1	2·7	·228	·218	84	80	SSE 3	ENE 4	3	5	·020	
16	·32	·36	41·2	41·2	38·6	45·7	1·0	2·2	·237	·213	93	83	SSE 3	SW 2	10	5	·640	● 2p.—5p. [↗ ●² n.
17	·60	·60	39·6	39·0	36·4	42·5	2·6	1·1	·193	·216	79	91	NW 3	S 5	10	10	1·480	▲ ✳ ● (sleet) showers. Squally
18	·56	·65	49·9	41·0	37·2	53·2	1·6	1·0	·318	·235	89	92	WSW 4	Calm 0	10	1	·010	Very fine and warm.
19	·55	·38	49·0	50·4	39·6	51·8	2·2	3·1	·294	·289	85	80	SSE 4	SSE 6	8	10	·010	Squally ↗. Warm.
20	·33	·16	43·8	39·7	36·8	54·8	2·5	2·5	·232	·196	80	80	S 2	S 1	7	10	·030	Fine and warm.
21	·01	·11	35·3	36·7	33·0	47·4	0·7	1·7	·193	·185	94	85	Calm 0	Calm 0	6	7	·020	✳ ● (sleet) 3p.—5p.
22	·25	·52	41·2	36·0	32·6	42·0	2·2	1·0	·213	·193	83	91	E 4	E 2	9	4	·010	✳ shower at night.
23	·57	·46	33·3	35·7	27·9	40·4	3·3	3·7	·127	·144	67	68	E 2	SE 3	2	9	—	Bright and sunny a.
24	·32	·25	34·2	29·6	27·6	37·3	2·2	1·6	·154	·122	78	74	SE 4	Calm 0	10	3	—	T 4p. ✳
25	·28	29·30	28·0	28·0	25·5	36·7	1·8	1·4	·102	·112	67	73	Calm 0	Calm 0	0	1	—	
26	·17	28·92	34·4	34·5	25·7	36·0	1·6	2·5	·167	·152	84	75	ESE 4	ESE 2	4	10	·030	Squally ↗ (gale) till 6p. ✳⁰.
27	·06	29·35	37·5	32·5	25·0	37·5	4·5	2·8	·145	·127	65	69	N 5	N 2	2	10	·120	✳² showers.
28	29·50	29·68	36·0	37·0	29·0	42·2	1·7	1·3	·180	·195	85	89	E 3	WNW 1	10	4	·220	✳ 6a.—noon, 3 ins. deep. ✳ ● [(sleet) later p. Ⴎ
Mean	29·471	29·463	40·8	39·8	34·5	45·5	2·1	2·0	·216	·208	82·8	83·1	3·1	2·8	7·4	7·8	8·720	

DUNDEE.—FEBRUARY 1893.

Height above Mean Sea Level, 160 feet. Heights above Ground :—Bar., 4 feet. Therms., 3 feet 9 inches. Rain-gauge, 1 foot.
Long. 2° 56′ W. Lat. 56° 28′ N. Gravity Correction, + ·030 in.

Day.	Bar. 9 a.m.	9 p.m.	Air Temp. 9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind. 9 a.m.	9 p.m.	Cloud. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
1	29·53	29·60	37·5	38·8	36·4	43·6	1·6	1·4	·193	·209	86	89	NW 4	NW 2	10	0	·070	Dull till 11.30 a. ▲ showers 2p.
2	·46	·75	36·5	35·4	34·6	43·0	0·6	0·4	·204	·200	95	96	NW 1	NW 1	5	5	·040	● n. Fine day.
3	29·90	29·98	39·3	41·7	33·1	44·8	0·1	0·5	·238	·253	100	96	SE 1	W 1	10	10	·010	● n. ≋
4	30·01	30·09	41·5	42·0	39·7	46·1	0·6	0·6	·250	·254	95	95	E 1	W 1	10	10	—	Dull day.
5	30·08	30·05	38·5	39·5	35·1	43·8	1·0	1·5	·213	·212	92	88	SE 1	SW 2	10	0	—	Cloudy day.
6	29·98	29·74	38·7	42·4	37·0	44·0	0·3	1·5	·229	·239	97	88	SW 1	SW 2	10	10	·030	Dull day.
7	·66	·59	43·4	41·0	40·5	46·7	2·0	2·5	·238	·206	84	81	W 6	W 4	5	5	·070	● n. Cloudy with ● showers. ↗
8	·40	29·44	38·7	37·6	36·7	42·9	1·8	1·2	·200	·202	86	90	NW 2	W 2	10	0	--	Cloudy day. [(gale) 4p.
9	29·30	28·73	41·6	39·4	37·2	45·9	0·7	1·5	·249	·212	95	88	SW 2	W 8	10	10	·150	Stormy with ● showers from 1 p.
10	28·71	29·20	37·7	42·0	35·4	48·4	0·9	2·4	·209	·218	92	82	NW 4	W 4	0	0	·020	● n. ↗ (gale) noon—4p.
11	28·92	·20	42·5	32·7	32·2	43·3	3·7	0·1	·199	·185	74	99	W 10	NW 1	5	10	·160	↗ (gale) n. and till 11·30 a. ✳ ●
12	29·34	·48	29·7	29·4	28·8	35·0	1·0	0·4	·138	·152	84	93	NW 1	NW 1	5	0	—	Cloudy day. ✳ at night. [(sleet).
13	29·38	29·11	27·0	35·5	23·8	36·7	0·6	0·1	·126	·205	87	99	NW 1	SE 4	10	10	·570	Dull day. ✳ ● (sleet) ● from 3p.
14	28·73	28·80	40·4	39·0	35·0	42·4	0·2	1·6	·246	·207	99	87	SE 6	SW 10	10	10	·380	● n. and till 4p. ↗ (gale) from 3p.
15	29·28	29·53	36·7	37·6	34·7	44·0	1·0	0·7	·198	·212	91	94	SW 4	SW 1	5	0	·100	Fine day. ● 7p.
16	·35	·29	40·5	38·6	35·3	42·8	0·6	0·2	·239	·230	95	98	SE 1	SW 1	10	10	·100	● n. and 2p.—7p.
17	·48	·60	37·5	37·7	34·4	43·8	1·1	0·7	·203	·212	91	94	W 1	SW 2	5	10	·100	● from 8p.
18	·43	·50	39·6	43·4	36·1	49·2	0·1	0·1	·242	·279	99	99	W 1	N 1	10	10	·010	● n. ●⁰ showers. ≋
19	·48	·33	42·5	42·7	41·4	46·8	0·1	0·2	·270	·270	99	98	SE 1	SE 1	10	10	·030	Dull day. ≋² till 2p. ● n.
20	29·23	29·06	41·8	38·5	38·1	45·7	0·9	0·1	·247	·231	93	99	SE 1	SE 1	10	10	·030	Dull day. ≋ ●⁰ showers. ●
21	28·86	28·92	38·8	38·7	35·9	41·4	0·3	0·3	·230	·229	98	97	SE 1	NE 6	10	10	·310	●⁰ showers from 1p. [from 6p.
22	29·21	29·38	35·5	32·9	32·6	39·0	0·8	1·3	·193	·160	93	85	E 8	NE 4	10	10	·030	● n. ✳ ● (sleet) till 4p.
23	·42	·34	32·5	32·3	31·5	36·1	0·8	2·2	·168	·137	90	74	N 1	SW 2	10	10	—	Dull day.
24	·20	·08	32·0	30·0	29·6	35·8	2·0	0·5	·137	·153	75	92	NW 1	NE 1	10	10	—	Dull day.
25	·08	29·15	31·0	31·5	25·2	33·8	0·6	1·1	·158	·151	90	84	NW 1	NE 1	10	10	·020	✳ 9.30a.—10a.
26	29·03	28·53	32·9	33·5	29·0	33·8	0·5	0·1	·177	·191	94	98	E 6	NE 12	10	10	·730	✳ ● (sleet) ✳ 9a. ↗ (gale) a.
27	28·76	29·16	34·5	31·3	30·6	38·6	0·1	0·9	·198	·154	99	87	NW 8	NW 1	10	5	—	↗ (gale) n. Cloudy day. [and p.
28	29·42	29·60	32·5	35·6	24·2	36·4	0·3	0·7	·179	·197	97	94	N 2	SW 1	10	10	·010	Dull day. ●⁰ showers.
Mean	29·344	29·365	37·2	37·2	33·7	41·9	0·9	0·9	·206	·206	91·8	91·6	2·8	2·8	8·6	7·3	2·970	

GLASGOW.—FEBRUARY 1893.

Height above Mean Sea Level, 180 feet. Heights above Ground :—Bar., 4 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 4° 18′ W. Lat. 55° 53′ N. Gravity Correction, + ·029 in.

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind, Direction and Force. 9 a.m.	9 p.m.	Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·55	29·56	36·3	39·3	36·0	44·5	0·8	1·2	·200	·217	94	91	W 1	SW 2	3	10	·228	▲⁰ in afternoon. ● p.
2	·48	·75	38·9	41·8	36·6	44·1	1·2	1·5	·214	·234	91	88	W 1	SW 1	7	10	·115	●⁰ shower a.
3	·87	29·93	45·0	46·0	39·6	49·3	0·4	2·1	·289	·263	97	85	SW 1	S 2	10	10	—	Dull and overcast.
4	29·98	30·06	45·3	43·6	43·6	47·0	2·0	2·7	·257	·226	85	79	S 2	S 2	10	4	—	Dull and overcast. ∞⁰ in evening.
5	30·04	30·03	40·7	39·9	39·8	44·0	2·8	2·3	·199	·201	79	82	S 1	E 1	10	10	—	
6	29·95	29·68	42·7	46·3	39·2	46·3	2·2	2·5	·228	·258	84	83	S 1	S 2	10	10	·150	Dull and overcast. ●⁰ in evening.
7	·72	·53	44·4	41·9	41·7	47·3	3·4	1·0	·220	·246	75	93	SW 2	S 1	10	10	·145	Overcast, with ●².
8	·44	29·49	38·3	41·3	37·0	43·4	1·8	1·5	·196	·229	85	88	W	SW 1	6	10	·278	●² showers.
9	29·30	28·79	44·0	39·3	38·0	45·2	0·7	1·4	·272	·213	94	89	S 3	SW 2	10	10	·650	Overcast, with ●².
10	28·79	29·21	45·3	41·3	38·1	48·1	3·4	1·0	·229	·239	75	92	NW 3	SW 2	7	10	·080	Cloudy, with ●². ↗ (gale).
11	29·06	·17	41·8	37·7	36·7	45·4	3·5	2·0	·196	·189	75	83	W 3	SW 2	7	6	·075	Cloudy, with ●⁰ ▲⁰ showers. ↗
12	·41	·50	34·3	33·2	32·9	38·8	1·8	1·1	·163	·167	82	88	Calm 0	NW 1	7	7	—	[(gale).
13	29·35	29·02	33·2	34·2	31·2	36·9	0·8	0·4	·173	·190	91	96	NE	NE 3	10	10	·905	Overcast, with ●² ✳² showers.
14	28·62	28·86	38·0	39·4	34·0	46·8	0·4	2·4	·220	·195	96	81	E 1	SW 5	10	3	·167	Squally ↗ (gale) ●².
15	29·33	29·36	37·4	41·4	36·2	44·4	2·0	2·4	·185	·212	83	82	SW 2	SE 1	2	0	—	Fine and clear. ∞⁰.
16	·19	·28	41·2	38·0	37·7	46·9	1·3	0·6	·231	·216	90	95	E 1	SW 1	10	1	·060	●⁰ showers.
17	·52	·54	38·6	37·6	35·3	41·7	1·6	1·4	·203	·198	87	88	SW 1	S 2	0	10	·307	Fine and clear a. Overcast, with ●² p.
18	·43	·51	48·8	46·9	37·1	49·4	0·6	0·2	·331	·316	95	99	SW 2	W 1	10	10	—	Dull and overcast.
19	·43	·26	48·2	51·0	46·1	51·7	1·9	3·7	·290	·283	87	76	S 1	E 2	8	10	·035	Dull and cloudy.
20	29·20	29·01	42·9	40·2	39·3	51·1	1·9	2·0	·235	·209	85	85	SW 1	SE 1	7	10	·167	●⁰ ▲² showers.
21	28·81	28·90	38·1	39·8	36·2	43·3	1·7	2·3	·196	·201	85	82	NE 1	NE 1	10	10	·060	●⁰ ▲⁰ showers.
22	29·17	29·32	37·6	34·7	34·3	41·9	1·7	2·3	·193	·157	85	77	E 2	NE 2	10	8	—	Cloudy day.
23	·41	·31	33·6	34·2	32·7	39·3	1·7	3·7	·158	·130	83	66	NE 1	NE 1	10	10	—	Dull and overcast.
24	·17	·06	31·8	30·5	30·5	38·3	2·5	1·5	·125	·133	70	77	N 1	S 1	10	10	—	∞
25	29·08	29·14	27·2	31·4	20·7	36·4	0·4	1·3	·135	·146	91	82	N 1	E 1	5	5	·019	⊔. Fine day. ∞ a. and p.
26	28·90	28·56	32·4	33·7	30·2	34·1	0·5	1·3	·174	·167	95	86	NE 2	N 4	10	10	·270	Overcast, with squally ↗ ✳².
27	28·89	29·20	34·9	31·9	31·8	40·3	3·1	2·0	·145	·136	72	75	W 1	W 1	3	0	—	Fine and clear.
28	29·43	29·60	34·7	37·5	26·3	39·1	2·6	3·1	·152	·168	75	74	SW 1	S 1	8	10	·090	Cloudy day.
Mean	29·339	29·343	39·1	39·1	35·9	43·8	1·7	1·8	·207	·205	85·2	84·4	1·4	1·7	7·9	8·0	3·801	

WOLFELEE.—FEBRUARY 1893.

Height above Mean Sea Level, 587 feet. Heights above Ground :—Bar., 14 feet. Therms., 4 feet. Rain gauge, 6 inches.
Long. 2° 39′ W. Lat. 55° 23′ N. Gravity Correction, + ·025 in.

Day.	Bar. 9 a.m.	9 p.m.	Air Temp. 9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind. 9 a.m.	9 p.m.	Cloud. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
1	29·05	29·15	36·0	37·0	35·0	44·0	0·4	0·9	·204	·202	96	92	NE 0·5	SW 1	—	—	·100	● showers a.
2	·03	·32	36·2	36·5	34·5	43·0	1·1	0·9	·193	·198	90	92	SW 0·5	SW 0·5	—	—	·020	● showers a. Fine p.
3	·43	·52	41·2	38·0	36·0	47·0	0·6	0·4	·246	·220	96	96	W 0·5	W 0·5	—	—	—	Fine p.
4	·57	·61	41·5	42·0	36·0	45·0	1·4	1·9	·232	·227	89	86	SW 0·5	SW 0·5	—	—	—	Fine and mild.
5	·60	·58	34·5	36·0	34·0	43·0	0·9	0·9	·182	·195	91	92	SW 0·5	SW 0·5	—	—	—	Fine day.
6	·54	·29	37·0	34·0	30·0	44·0	0·9	1·4	·202	·168	92	85	S 0·5	SW 3	—	—	·130	Dull a. and p. Blowy, with ● showers.
7	29·31	·17	42·5	40·5	31·0	46·0	2·4	1·9	·222	·213	82	85	SW 6	SW 6	—	—	·520	Blowy a. ● showers p.
8	28·97	29·06	38·0	37·5	34·5	41·5	1·6	1·9	·197	·188	86	84	NW 6	W 5	—	—	—	Blowy a. and p. Dull p.
9	·89	28·47	39·0	37·0	37·0	43·0	1·4	1·4	·210	·193	89	88	NW 8	W 10	—	—	·820	Fine and blowy a. ● showers p.
10	·33	·95	45·0	42·0	36·0	45·0	3·4	2·4	·225	·218	76	82	NW 6	NW 5	—	—	·100	Blowy a. ● showers a. and p.
11	·67	28·75	39·0	33·5	33·0	44·0	2·4	0·9	·192	·173	81	90	W 6	NW 4	—	—	—	
12	·94	29·06	32·0	29·8	29·5	37·5	0·4	0·2	·172	·160	94	97	N 0·5	NW 0·5	—	—	·020	✳ showers a. Fine and frosty p.
13	·93	28·60	31·5	35·5	28·0	37·0	0·4	0·9	·168	·191	95	92	W 0·5	W 1	—	—	·750	Dull day. ● showers p.
14	·30	·52	43·5	39·5	34·0	47·0	0·9	3·5	·262	·176	93	73	SW 3	NW 5	—	—	·320	●² a. Blowy p.
15	·92	·95	34·5	38·5	34·5	43·8	1·9	0·4	·162	·225	81	97	SW 4	SSE 0·5	—	—	·050	Cold and blowy a.
16	28·76	28·83	42·8	38·6	37·4	46·8	0·7	0·6	·259	·222	95	95	SW 0·5	SW 4	—	—	·160	Dull, with ●⁰ a. ● showers p.
17	29·10	29·17	35·2	44·5	32·5	46·0	1·1	0·9	·184	·273	89	93	SW 0·5	SW 4	—	—	·220	Fine and clear a. ● p.
18	·04	29·10	47·5	46·0	44·0	50·0	1·1	0·9	·301	·289	92	94	SW 6	SW 2	—	—	·040	Blowy, with ● showers a. ●⁰ p.
19	29·03	28·86	47·0	46·0	42·5	53·0	0·6	2·4	·308	·257	96	83	SW 0·5	SW 4	—	—	—	Dull a. Fine p.
20	28·78	·60	41·6	39·0	38·0	47·0	1·5	0·6	·231	·226	89	95	SW 0·5	SW 0·5	—	—	·030	Fine a. Dull, with ●⁰ p.
21	·36	·38	34·5	37·0	30·0	47·0	0·4	0·9	·192	·202	96	92	E 0·5	NE 3	—	—	·210	Dull a. ● p.
22	·66	·84	34·5	31·5	30·5	39·5	1·4	0·9	·172	·156	85	87	NE 4	NE 4	—	—	·080	Cold and blowy a. Dull, with ✳ p.
23	·93	·87	30·5	27·5	27·0	34·5	0·9	0·4	·147	·138	86	92	NE 0·5	SE 0·5	—	—	—	Dull and cold a.
24	·72	·60	22·5	25·5	19·5	32·0	0·9	0·4	·090	·125	76	90	SW 0·5	SW 0·5	—	—	—	Fine, clear and frosty.
25	·62	28·68	26·5	25·5	24·0	37·5	0·4	0·4	·131	·125	92	90	SW 0·5	SW 0·5	—	—	—	Dull day.
26	·44	27·96	31·0	31·5	21·0	34·5	0·6	0·4	·158	·168	90	95	SE 3	SE 0·5	—	—	—	✳ a. and p.
27	28·43	28·71	31·0	27·0	26·5	40·5	1·4	0·9	·139	·117	79	81	W 4	W 4	—	—	·680	Clear and frosty. ✳ (9 ins. deep.)
28	29·02	29·16	28·0	35·0	20·0	38·5	0·4	1·9	·140	·166	91	81	W 0·5	W 5	—	—	·020	Fine and frosty a. Cold and blowy p.
Mean	28·906	28·919	36·6	36·1	32·0	42·8	1·1	1·1	·197	·193	88·8	89·3	2·3	2·7	—	—	4·270	

Scarborough.—February 1893.

Height above Mean Sea Level, 159 feet. Heights above Ground:—Bar., 1 foot. Therms., 4 feet. Rain-gauge, 1 foot. Long. 0° 23′ W. Lat. 54° 17′ N. Gravity Correction, + ·025 in.

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind, Direction and Force. 9 a.m.	9 p.m.	Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·43	29·70	41·0	37·0	36·0	42·0	0·0	0·0	·257	·220	100	100	NW 3	W 1	10	10	·200	
2	29·54	29·79	40·5	41·0	35·0	41·0	0·5	0·0	·241	·257	96	100	W 1	SW 2	10	2	—	
3	30·01	30·10	41·0	39·0	38·0	45·0	0·0	0·0	·257	·238	100	100	SW 1	W 4	10	10	·020	
4	·15	·23	38·0	36·0	35·0	39·0	0·0	0·0	·229	·212	100	100	W 2	W 2	10	4	—	
5	·17	30·11	31·0	32·0	29·0	38·0	1·0	0·0	·149	·181	85	100	SW 2	SW 4	8	0	—	
6	30·10	29·97	34·0	34·0	23·0	38·0	0·0	0·0	·196	·196	100	100	SW 2	W 3	4	3	·040	⊔
7	29·96	·77	42·0	41·0	29·0	45·0	0·0	1·0	·267	·235	100	92	W 3	*SW* -	3	—	·010	
8	·43	·52	43·0	37·0	35·0	44·0	3·0	1·0	·215	·200	78	91	W 8	*SW* -	6	—	·200	
9	29·53	·08	43·0	45·0	35·0	45·0	1·0	1·0	·255	·275	92	92	W 6	*SW* -	10	—	·070	
10	28·73	·28	44·0	46·0	39·0	49·0	1·0	2·0	·265	·264	92	86	SW 4	*NW* -	8	—	—	Squally 9a.
11	29·48	·24	45·0	37·0	36·0	48·0	2·0	1·0	·254	·200	85	91	SW 5	*SW* -	4	—	·010	
12	·27	·52	37·0	34·0	32·0	38·0	0·0	1·0	·220	·175	100	89	W 2	*SW* -	10	—	·370	
13	29·47	·48	35·0	42·0	31·0	42·0	1·0	0·0	·184	·267	90	100	W 2	*S* -	10	—	·030	
14	28·85	·16	46·0	41·0	35·0	52·0	0·0	1·0	·311	·235	100	92	SW 2	*W* -	10	—	·010	
15	29·52	·46	39·0	43·0	36·0	47·0	1·0	5·0	·218	·181	92	65	SW 2	*SE* -	0	—	·120	
16	·46	·43	43·0	39·0	38·0	46·0	0·0	0·0	·277	·238	100	100	SE 2	*S* -	6	—	·080	
17	·76	·75	37·0	39·0	35·0	43·0	0·0	0·0	·220	·238	100	100	SW 1	*SW* -	0	—	·050	
18	·62	·59	49·0	51·0	35·0	52·0	0·0	0·0	·348	·374	100	100	SW 1	SW 2	10	4	—	
19	·54	·41	51·0	52·0	42·0	54·0	0·0	3·0	·374	·309	100	80	W 2	W 3	4	6	—	
20	29·32	29·08	42·0	39·0	39·0	52·0	1·0	0·0	·245	·238	92	100	W 1	SW 1	2	10	·210	
21	28·85	28·72	41·0	39·0	36·0	41·0	0·0	0·0	·257	·238	100	100	NE 2	SW 1	10	10	·450	
22	28·94	29·22	36·0	33·0	33·0	39·0	0·0	0·0	·212	·188	100	100	NE 6	NE 6	10	8	·070	Squally ⟋ (gale) ✱ at night.
23	29·36	·33	34·0	33·0	33·0	35·0	1·0	0·0	·175	·188	89	100	NE 2	NE 3	8	4	—	
24	·18	·07	32·0	32·0	27·0	33·0	1·0	0·0	·158	·181	87	100	NE 2	NE 2	6	6	—	
25	29·17	29·16	33·0	36·0	28·0	37·0	1·0	1·0	·167	·192	89	91	NE 3	SE 4	10	10	·310	≋ before 9a. ✱ 9a. and 9p.
26	28·86	28·56	37·2	37·5	35·3	40·0	0·0	1·5	·222	·195	100	87	SE 5	SW 8	10	8	·630	✱ 9a.
27	28·93	29·21	36·5	34·5	33·0	42·0	1·0	1·2	·196	·176	92	87	W 4	W 2	2	3	—	
28	29·52	29·72	32·5	36·0	30·0	42·0	1·5	1·5	·151	·182	82	87	WNW 2	W 4	0	3	·310	
Mean	29·422	29·439	39·4	38·8	33·9	43·2	0·6	0·8	·233	·224	94·3	93·9	2·8	—	6·5	—	3·190	

Cronkbourne (Douglas), Isle of Man.—February 1893.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches. Long. 4° 29′ W. Lat. 54° 10′ N. Gravity Correction, + ·024 in.

Day.	Bar. 9 a.m.	9 p.m.	Air 9 a.m.	9 p.m.	Min.	Max.	Dep. 9 a.m.	9 p.m.	V.T. 9 a.m.	9 p.m.	% 9 a.m.	9 p.m.	Wind 9 a.m.	9 p.m.	Cloud 9 a.m.	9 p.m.	Rain 9 a.m.	Remarks.
1	29·64	29·66	44·1	44·8	37·6	47·0	0·8	0·2	·271	·293	93	99	NW 4-5	WSW 5	3	10	·274	●^{2} a. Fine, with ⟋. ● showers n.
2	·66	29·84	41·6	43·2	40·0	46·7	0·3	0·4	·257	·271	97	96	WNW 4-5	W 1	10	10	·122	Overcast, with ⟋ ●^{2} a.
3	29·96	30·03	47·8	45·0	42·2	48·3	3·1	1·2	·260	·271	79	91	WNW 1	SSE 3	9	10	·002	Dull day. ●^{0} 6.30 p.
4	30·09	·12	45·0	43·5	42·6	46·0	0·8	0·3	·280	·275	94	98	S 2	SSE 3	10	3	—	Overcast. ⌓ p.
5	·10	30·10	41·2	41·6	38·5	43·5	1·2	0·8	·233	·247	91	94	SE 3	S 3-4	3	7	·063	Dull day. ● at night.
6	30·06	29·83	44·0	47·0	40·1	47·0	0·3	1·1	·281	·296	98	92	S 4	SW 6	10	10	·157	● a. Squally ⟋ p. ● n.
7	29·94	·72	46·3	46·0	44·3	49·0	2·3	0·3	·261	·304	84	98	WSW 4	SW 5-6	0	10	·135	● a. Cloudy day. ● showers p. ▲
8	·63	·71	42·0	42·0	40·3	46·3	2·4	1·0	·218	·245	82	92	WNW 6-7	W 3-4	3	10	·080	Squally ⟋ a. Fine day. [11.30p.
9	·51	·06	45·6	44·7	41·1	46·7	0·4	0·5	·296	·284	97	96	WSW 5-6	WNW 6-7	10	3	·296	Overcast, with squally ⟋ ●.
10	·05	·39	48·0	45·9	40·4	49·0	1·1	0·9	·307	·288	92	94	WNW 7-9	WSW 7-8	8	10	·053	Cloudy, with squally ⟋. ● at night.
11	·37	·36	42·2	37·8	36·9	49·0	2·8	2·8	·212	·175	80	77	W 6	W 6	7	3	·180	Dull a. Fine p. Squally ⟋.
12	·51	·63	35·0	37·5	35·0	42·2	0·1	0·5	·202	·214	99	95	NNW 5-6	WNW 4-5	10	3	·236	▲ ● showers a. Squally ⟋ (force 8)
13	29·40	·05	41·6	46·0	36·0	46·0	0·3	0·0	·257	·311	97	100	SSW 2	SW 4-5	10	10	1·078	▲ ● showers a. [1p. Fine p.
14	28·71	·12	48·3	41·8	41·7	48·3	0·9	4·2	·316	·185	94	71	SSW 5-6	W 5-7	10	0	—	Cloudy, with squally ⟋.
15	29·42	·36	44·0	43·4	34·0	44·3	3·8	0·4	·209	·276	72	97	SSW 3	SE 4	5	10	·058	⊔ a. Dull afternoon. ● showers.
16	·24	·39	44·8	40·8	39·2	45·0	1·6	2·8	·260	·199	88	78	SE 4	W 3	10	2	·132	● showers a. Dull afternoon. [●^{2} p.
17	·67	·62	40·0	41·3	36·1	43·2	1·8	0·3	·211	·253	86	98	SW 3-4	SE 5-6	3	10	·613	⊔^{0} a. Fine a. Dull, with squally ⟋
18	·62	·61	48·1	47·0	40·5	49·0	0·7	0·0	·318	·323	95	100	SW 5	SW 2	10	10	·097	Squally ⟋ a. Overcast, with ≋^{0}
19	·51	·30	46·4	46·0	44·0	49·8	0·0	1·0	·316	·287	100	93	SE 3	SSE 3	10	10	·456	≋ ●^{0} a. ●^{2} n. [(mist). ●
20	29·29	29·08	40·2	41·2	37·6	46·0	1·2	1·3	·224	·231	90	90	NW 2	SSW 1	10	7	·142	Dull with ●^{2} ▲ showers.
21	28·79	28·88	39·9	40·2	39·0	43·4	2·2	2·2	·203	·205	83	83	NE 2	NNE 3	10	10	·118	● a. and n. Dull day.
22	29·09	29·31	39·7	37·2	34·0	40·9	2·3	2·2	·200	·180	81	81	NE 5	NE 4	10	10	·010	Dull, with squally ⟋ ● a. Fine p.
23	·40	·35	35·7	35·6	34·3	37·2	2·9	2·6	·156	·160	74	76	ENE 3	ESE 3	10	10	—	●^{0} ✱ showers a. Dull day. [✱
24	·20	·08	32·8	32·0	32·0	35·6	1·0	0·1	·166	·180	88	99	ESE 2	NE 2	9	10	—	✱^{0} 9a. Dull day. ⊔ p.
25	29·10	29·13	31·2	35·6	27·6	35·6	0·2	0·8	·171	·195	97	93	NW 1	SE 3	9	10	·193	✱^{0} a. Dull day. ✱^{2} showers p.
26	28·73	28·57	34·0	34·3	33·0	35·6	0·1	0·3	·194	·192	99	97	E 5	NNW 6-8	10	10	·645	Squally ⟋ with ✱ ● showers.
27	29·07	29·34	36·3	30·6	30·6	40·9	1·3	0·5	·190	·158	89	92	W 3	Calm 0	4	0	—	Squally ⟋ (gale) a. Very fine. ⊔ p.
28	29·58	29·70	39·0	40·0	26·0	43·9	2·2	1·0	·195	·226	83	92	W 2	SSW 4	0	6	·394	⊔^{2} a. Very fine. ● at night.
Mean	29·440	29·440	41·6	41·1	37·3	44·5	1·4	1·1	·238	·240	89·4	91·5	3·8	3·9	7·6	7·6	5·534	

Stonyhurst.—February 1893.

Height above Mean Sea Level, 375 feet. Heights above Ground:—Bar., —12 feet. Therms., 7 feet. Rain-gauge, 2 feet. Long. 2° 28′ W. Lat. 53° 51′ N. Gravity Correction, + ·023 in.

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind, Direction and Force. 9 a.m.	9 p.m.	Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·30	29·52	37·0	39·3	36·4	44·0	1·6	1·1	·189	·219	86	92	NNW 3	SW by W 1	10	10	·450	Overcast, with ● a. and p.
2	·40	·63	39·3	42·3	38·4	43·0	1·1	0·6	·219	·257	92	96	WSW 4	WNW 1	10	10	·235	Squally ⟋ ● a. Dull and overcast.
3	·77	·84	42·0	45·0	40·4	45·2	0·2	0·9	·263	·277	98	93	Calm 0	N 1	10	10	·028	Overcast, with ≋ ●^{0}.
4	·91	·94	45·4	41·6	41·4	46·0	1·4	2·1	·251	·220	89	84	S by E 2	SE by E 1	10	10	—	
5	·94	·92	32·0	33·0	31·5	41·6	1·7	1·5	·143	·157	78	83	ESE 2	S by E 1	9	0	—	Fine day. ≋^{0} (mist) p.
6	·88	·72	32·0	42·2	29·4	43·0	1·5	1·2	·147	·243	81	90	Calm 0	S by W 2	9	10	·140	≋^{0} (mist) a. ● p. Ɯ
7	·72	·60	42·8	45·2	41·6	46·6	1·3	2·2	·247	·251	90	84	WSW 4	SSW 2	6	10	·050	Squally. ● p.
8	·36	29·45	41·8	39·0	38·4	45·2	2·8	2·0	·209	·199	79	84	W by S 6	W by S 2	9	10	·215	Squally, with ● a., then fine.
9	29·33	28·83	42·2	42·4	38·4	45·0	0·5	0·8	·258	·254	96	94	SW by W 4	SW by W 4	10	10	·675	Overcast, with squally ⟋ ●.
10	28·67	29·25	44·5	42·3	40·3	46·7	1·8	1·3	·253	·242	87	90	W by S 7	SW by W 3	10	10	·220	Overcast, with squally ⟋ ● showers.
11	29·12	·12	41·7	38·2	38·2	46·0	2·7	2·4	·209	·185	80	80	WSW 5	W by S 4	10	9	·185	Overcast, with squally ⟋.
12	·15	29·36	37·7	35·0	34·5	40·2	1·7	1·5	·193	·174	85	85	WNW 2	W by S 2	9	3	·260	Overcast, with ✱ ● showers.
13	29·22	28·90	35·9	43·0	33·9	43·2	0·7	0·6	·198	·264	94	95	SW 1	SSW 3	10	10	1·080	≋^{0} (mist) a. Overcast, with ●.
14	28·63	28·94	46·0	41·4	40·7	49·6	1·0	3·1	·287	·199	93	77	SSE 7	SW 4	10	0	—	Overcast and squally. [p.
15	29·27	29·21	38·0	43·0	35·7	45·0	1·6	1·5	·197	·245	86	88	Calm 0	E 1	8	10	·060	Fine and bright a. Overcast, with ●
16	·07	·19	45·0	39·0	38·9	45·9	1·6	1·5	·262	·209	88	88	SSE 1	S by W 1	10	10	·170	Overcast a. K ● 5.35p.
17	·46	·49	37·0	37·5	33·9	43·1	0·8	1·3	·204	·199	93	89	WSW 3	SSE 2	10	10	·249	● p.
18	·44	·41	48·8	48·0	37·5	51·2	1·2	0·5	·316	·322	91	97	SW 2	WSW 1	10	10	·375	Overcast. ● p.
19	·32	29·12	48·3	48·9	42·4	54·3	1·3	4·5	·306	·244	91	70	S 1	SE by E 2	10	10	·080	● p.
20	29·10	28·91	41·0	38·3	38·3	48·9	1·6	0·8	·223	·215	87	94	Calm 0	Calm 0	10	7	·050	Overcast a.
21	28·48	28·55	37·9	40·0	36·1	41·3	1·1	2·6	·207	·196	91	79	NE 2	NNW 2	10	10	·088	Overcast, with ●^{0}.
22	28·77	29·01	37·0	34·0	33·9	40·0	1·7	2·0	·187	·156	85	79	NE by N 3	NNE 2	10	10	—	Overcast. ✱ shower.
23	29·15	29·12	33·4	32·6	32·2	36·3	3·6	1·6	·124	·149	65	81	NE by E 2	ENE 1	9	10	—	
24	28·96	28·83	31·0	30·5	30·2	32·6	0·5	0·3	·161	·162	92	95	ESE 1	E by N 1	10	10	·016	✱^{0} a. Overcast. ▲ shower p.
25	·84	·92	29·9	31·0	28·7	34·5	0·4	2·4	·156	·119	94	68	Calm 0	Calm 0	10	0	·295	✱^{0} a. Overcast. ≋^{0} (mist) 9p.
26	·51	28·32	35·0	34·7	27·9	37·1	2·8	1·1	·151	·180	74	90	E by N 3	SSW 5	10	10	·443	✱^{2} a., then ●. ✱ ▲ ● p.
27	28·81	29·02	35·0	31·4	30·7	40·0	2·7	1·4	·153	·144	75	81	WSW 3	Calm 0	8	3	—	Fine and sunny.
28	29·37	29·52	30·0	35·4	24·0	41·6	2·0	3·0	·116	·152	69	73	Calm 0	SW 1	0	0	·408	⊔ a. ≋^{0} (mist) 9a. and 9p. Fine [day. Ɯ
Mean	29·213	29·236	38·8	39·1	35·5	43·5	1·5	1·6	·208	·208	86·0	85·7	2·4	1·8	9·2	7·9	5·772	

Hillington.—February 1893.

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

Day.	Bar. 9 a.m.	9 p.m.	Air 9 a.m.	9 p.m.	Min.	Max.	Dep. 9 a.m.	9 p.m.	V.T. 9 a.m.	9 p.m.	% 9 a.m.	9 p.m.	Wind 9 a.m.	9 p.m.	Cloud 9 a.m.	9 p.m.	Rain 9 a.m.	Remarks.
1	29·49	29·91	42·7	38·9	37·0	45·1	0·8	1·4	·256	·209	93	90	WNW 3	NW 2	9	10	·266	●^{2} a. Cold p.
2	29·73	29·94	43·0	34·8	34·8	44·3	0·7	0·1	·262	·199	94	99	SW 2	NW 0·5	10	10	·120	●^{2} a. Overcast p. Ɯ
3	30·13	30·23	39·3	37·9	34·6	43·1	0·5	1·0	·230	·208	96	92	SSE 0·5	SE 2	10	10	·003	
4	·34	·32	34·9	31·3	31·0	40·6	1·2	0·6	·179	·160	89	91	SE 2	SE 1	10	0	—	Overcast a. Fine p. ⊔ p.
5	·31	·25	32·0	29·9	28·0	40·0	1·2	0·9	·153	·142	84	85	S 1	S 0·5	0	0	—	⊔^{2} a. Very fine and sunny. ⊔ p.
6	·26	30·16	31·1	33·9	25·2	34·3	0·5	0·3	·162	·188	92	97	S 0·5	S 1	10	0	·009	⊔^{2} ≋^{0} (mist) a. Day very fine and
7	30·07	29·99	42·5	40·0	33·4	51·4	0·3	1·3	·265	·220	98	90	SW 1	SW 3	0	0	—	Very fine and sunny. [sunny.
8	29·66	·75	41·7	35·0	35·0	47·3	4·0	1·2	·186	·180	72	88	W 6	W 2	2	0	—	Very fine and sunny, but with cold wind.
9	29·73	·22	36·5	45·0	33·8	45·4	0·9	2·2	·198	·250	92	84	SW 2	SW 6	4	10	·140	⊔ a. Overcast. ●^{2} 11p. ⟋ (gale) n.
10	28·98	·51	42·1	44·1	38·7	48·4	1·4	2·4	·238	·236	89	81	WSW 6	NW 5	10	0	·170	Overcast. ●^{2} 2p.—3p. ⟋ (gale).
11	29·45	·45	46·0	39·0	38·8	48·5	3·2	2·4	·239	·192	78	81	WNW 5	W 4	9	3	·003	Fine and sunny. ⟋
12	·46	·69	33·9	33·8	31·8	40·3	1·2	0·8	·171	·177	87	91	SW 3	SW 2	10	0	·140	✱^{0} early a. ✱ ● (sleet) ●
13	·63	·37	33·5	43·1	32·8	43·4	0·6	0·4	·179	·269	93	97	SW 1	SW 2	10	10	·147	✱^{0} ● a. ● p. [10a.—11a.
14	·18	·34	46·6	41·2	40·9	52·5	0·9	1·5	·296	·227	94	89	SW 5	SW 3	10	0	·095	●^{0} early a. Overcast, with ⟋. ● p.
15	·64	·59	36·7	44·1	31·0	47·2	0·8	0·5	·201	·277	93	96	SW 1	SW 1	4	0	·086	⊔^{2} a. Fine and sunny.
16	·48	·59	45·1	41·7	41·0	51·3	1·4	0·9	·267	·244	89	93	SSE 3	S 2	9	0	—	Cloudy, then fine and sunny.
17	·81	·94	37·7	39·1	36·4	47·3	1·4	0·7	·199	·225	88	94	SW 2	SW 1	0	10	·076	Very fine and sunny. ∞
18	·87	·81	48·9	50·5	38·3	54·4	1·2	2·1	·316	·313	92	86	SW 4	SW 5	10	10	·018	
19	·71	·53	48·9	44·0	43·9	58·4	1·1	2·2	·318	·239	93	83	SW 1	SW 2	10	0	—	Overcast a. Fine and clear p.
20	29·49	29·30	40·7	39·8	37·1	48·9	1·9	1·1	·215	·223	85	92	SW 2	SSE 1	0	2	·138	Very fine and sunny. ●^{0} 1p.—4p.
21	28·68	28·65	43·1	36·7	36·2	46·2	0·3	0·3	·271	·212	97	98	SE 0·5	SE 0·5	10	10	1·050	●^{2} early a. ● most of day.
22	28·81	29·16	38·3	33·2	32·9	38·3	0·6	0·6	·219	·176	95	93	NE 4	NE 5	10	10	·160	●^{2} early a. ●^{0} all day. ≋^{0} (mist)
23	29·39	·40	32·2	31·0	30·5	33·5	1·4	1·2	·151	·145	82	82	NE 3	E 2	10	10	—	Overcast all day. Ɯ 7p. [✱ p.
24	·27	·12	31·2	27·9	27·6	34·3	0·4	0·5	·165	·137	94	90	SW 0·5	SW 0·5	10	6	—	Overcast. Ɯ [evening.
25	·12	29·34	30·8	30·0	27·5	39·4	1·1	1·1	·145	·137	84	82	N 0·5	SE 4	7	10	·028	⊔ a. Fine and sunny. Overcast
26	·02	28·83	37·2	39·5	29·0	42·3	1·0	0·8	·202	·226	91	94	SE 3	SW 3	10	10	·370	● 8a.—4p., then fair. ●^{0} 10p.
27	·19	29·28	36·0	36·1	33·4	42·0	1·5	1·0	·182	·193	87	91	SW 3	NE 0·5	0	10	—	⊔ a.
28	29·65	29·91	36·1	33·4	32·0	47·0	1·4	1·8	·185	·154	87	81	NNE 1	WSW 0·5	0	0	·183	⊔ a. Very fine and sunny. Ɯ
Mean	29·555	29·591	38·9	37·7	34·0	44·8	1·2	1·1	·216	·206	89·6	89·6	2·4	2·2	6·9	5·0	3·202	

CHURCHSTOKE.—FEBRUARY 1893.

Height above Mean Sea Level, 538 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5′ W. Lat. 52° 31′ N. Gravity Correction, + ·018 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·18	29·37	40·5	39·1	38·0	48·1	1·9	1·4	·214	·211	85	89	W 3	W 2	5	10	·430	Damp and raw. ●
2	·23	·46	46·0	46·3	39·0	46·6	0·5	0·4	·298	·304	97	97	W 3	W 1	10	10	·140	Constant ●.
3	·58	·63	45·6	43·3	42·9	51·0	0·7	1·3	·289	·251	95	90	WSW 2	WSW 1	9	10	—	
4	·68	·71	42·0	37·6	37·2	45·1	0·9	1·2	·247	·201	93	90	SE 2	SE 1	10	3	—	Cloudy and mild.
5	·72	·71	33·9	31·4	30·5	40·9	2·0	1·0	·155	·152	80	86	SE 2	SE 1	8	0	—	Bright, with cold wind.
6	·71	·55	28·1	45·8	28·0	46·1	0·2	1·7	·148	·269	96	88	ESE 2	SW 4	6	7	·009	═. Breezy.
7	·62	·44	45·3	45·8	41·7	51·8	2·4	3·1	·248	·239	82	79	WNW 3	W 4	1	0	·165	▲ ● at night.
8	·29	29·32	41·0	39·0	38·0	46·3	2·8	1·9	·201	·200	78	85	W 3	W 2	1	0	·010	Cool and clear.
9	29·25	28·76	44·1	43·0	38·0	46·3	1·5	2·0	·255	·234	88	84	W 4	W 4	9	9	·490	Squally, with ● showers.
10	28·72	29·15	44·5	43·1	39·1	47·3	1·6	2·7	·257	·222	88	79	WNW 6	WNW 4	10	10	·139	⸝ (gale) ● showers.
11	29·04	·05	42·5	35·3	34·0	48·2	3·1	1·4	·208	·179	77	87	WNW 4	NW 2	6	2	·120	Breezy.
12	·12	29·26	38·7	31·9	31·0	42·9	3·3	1·0	·174	·157	74	87	WNW 2	NW 1	9	0	·020	Snow on hills. Bright and cold.
13	29·07	28·79	39·6	46·8	31·4	47·1	1·7	1·5	·209	·284	86	89	W 2	SW 3	9	10	·288	═. Squally. ●
14	28·49	·88	40·1	41·6	39·5	51·9	1·3	3·2	·316	·199	91	77	SW 4	WSW 2	9	0	·050	Very rough *n*. Squally. Bright *p*.
15	29·07	28·97	36·7	40·8	35·9	46·1	0·8	0·9	·201	·236	93	93	E 1	SE 1	8	10	·085	Bright, with cold wind.
16	28·84	29·02	44·3	36·2	35·0	46·1	1·4	0·3	·260	·208	89	97	SE 2	W 1	9	10	·190	Cloudy, with ● showers. Snow on hills.
17	29·32	·31	38·8	40·8	30·8	44·5	2·5	0·6	·188	·241	80	96	WNW 3	WSW 3	2	1	·075	═. Snow on hills.
18	·33	29·26	49·6	49·6	40·8	52·6	1·8	1·6	·308	·315	88	89	SW 3	W 3	9	5	·020	Breezy.
19	29·15	28·92	48·9	44·8	44·8	56·4	0·7	1·1	·328	·271	95	92	SSW 1	W 2	10	7	·060	Bright and mild.
20	28·91	·73	40·3	36·9	35·0	48·0	1·7	1·4	·215	·192	87	89	S 2	S 1	6	9	·136	Gloomy and cool.
21	·20	·38	37·9	38·0	36·2	39·5	0·3	0·8	·222	·213	97	93	E 0·5	N 2	10	10	·234	Cold, with ● 0.
22	·55	·80	35·9	32·6	32·1	39·3	0·5	0·3	·200	·179	96	97	N 2	N 3	10	10	·381	Dull, with ● 2. ✳ ● (sleet) ✳ *p*.
23	·92	·92	31·1	28·9	28·9	33·2	2·2	0·3	·124	·150	70	95	ENE 2	E 0·5	10	10	—	✳ *a*. (1 in. deep).
24	·74	·62	28·3	30·7	27·2	31·0	0·3	0·8	·146	·151	95	88	E 2	E 1	10	10	·005	Overcast and cold. ✳ 0 *p*.
25	·66	·70	30·5	34·3	24·0	38·5	0·6	1·4	·154	·170	91	86	E 0·5	SE 2	8	10	·850	Cold and threatening. ✳. ⸝ ● 2 *n*.
26	·14	·45	39·3	34·9	33·0	41·7	0·6	2·0	·228	·165	96	81	SE 4	W 3	10	10	·030	Bright *p*. ✳ showers. ≋ 0 (mist).
27	28·67	28·85	34·9	33·1	30·1	41·6	2·0	1·2	·165	·163	81	87	WNW 1	NW 2	6	10	—	═. Bright and sharp.
28	29·16	29·36	31·7	33·7	25·0	48·6	1·3	2·3	·148	·148	82	76	W 1	NW 1	0	10	·230	═. Bright and sharp.
Mean	29·049	29·084	39·6	38·8	34·5	45·2	1·5	1·4	·218	·211	87·5	88·1	2·4	2·1	7·5	6·9	4·157	

CARMARTHEN.—FEBRUARY 1893.

Height above Mean Sea Level, 188 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 4° 18′ W. Lat. 51° 52′ N. Gravity Correction, + ·018 in.

1	29·67	29·78	43·4	46·6	40·4	50·1	2·3	0·8	·231	·298	82	95	W 1	W 1	8	10	·440	Dull, then ●.
2	29·72	29·87	50·7	48·1	46·4	51·7	2·1	1·0	·316	·311	86	93	W 6	W 1	10	8	—	Dull day.
3	30·02	30·01	46·0	45·6	45·0	55·6	1·1	1·8	·285	·265	92	87	SW 1	W 1	9	10	—	
4	·04	·06	44·8	41·7	41·2	49·2	1·6	3·7	·260	·191	88	73	S 1	SE 5	8	10	—	Dull day.
5	·10	30·08	39·9	35·7	34·3	44·3	2·8	1·3	·192	·184	78	88	SE 1	Calm 0	2	0	—	Fine day.
6	·09	29·97	39·9	47·1	34·2	47·6	1·6	0·5	·214	·311	87	96	Calm 0	SW 5	10	10	·130	Dull, with ● 0.
7	30·04	·88	46·3	46·8	42·0	54·6	0·8	1·1	·295	·294	95	92	Calm 0	SW 4	0	10	·110	Fog in valley. Fine day.
8	29·74	·78	43·9	38·1	37·8	49·4	2·9	1·4	·225	·202	78	88	W 1	W 1	0	0	·170	▲ 0.30*p*.
9	·69	·21	46·1	47·8	37·6	48·2	1·0	1·0	·288	·307	93	93	SW 2	W 7	10	10	·600	Gloomy, with ●. Squally ⸝ ▲ 9*p*.
10	·28	·62	48·0	46·1	41·6	51·5	4·5	2·4	·233	·256	70	83	W 7	SW 4	7	10	·210	Overcast and squally, with ●.
11	·50	·49	44·5	36·9	36·6	49·9	1·0	2·4	·270	·174	92	81	W 1	Calm 0	10	0	·080	▲ 6*p*.
12	·60	·70	41·9	34·2	34·1	44·8	3·9	1·3	·189	·171	72	86	W 4	W 1	0	0	·080	Fine, but with cold wind.
13	29·47	·17	43·9	45·8	33·7	46·6	1·2	0·3	·260	·302	91	98	S 2	SW 5	10	10	·720	Dull, with ●.
14	28·89	·29	47·9	39·9	39·5	50·4	0·6	1·4	·318	·218	96	89	SW 7	Calm 0	10	0	·030	Squally, with ●, then fine.
15	29·42	·31	41·5	44·4	37·6	51·4	1·0	0·9	·239	·271	92	93	SW 1	SW 1	9	10	·430	Frequent ● showers.
16	·22	·42	42·9	36·9	36·1	44·6	0·4	0·8	·267	·204	97	93	S 1	SW 1	10	10	·290	Frequent ● showers. ▲ 2*p*.
17	·73	·69	33·9	47·1	30·7	47·2	0·3	0·2	·188	·319	97	98	N 1	SW 4	9	10	·270	▲ in past *n*. Frequent ● showers.
18	·72	·61	48·8	47·8	46·8	49·9	0·4	0·2	·335	·328	97	98	SW 5	SW 3	10	10	·460	Overcast, with ● all day.
19	·48	·29	49·0	43·3	43·2	54·0	1·2	0·8	·317	·262	92	94	S 4	W 2	7	0	·420	Overcast. ● *p*.
20	29·29	29·02	41·9	41·3	38·3	49·0	0·8	1·1	·248	·236	94	92	S 2	S 1	10	10	·300	Frequent ● showers.
21	28·52	28·82	48·0	40·1	39·7	44·3	0·5	2·2	·266	·204	96	82	S 2	W 1	10	0	·100	Dull, with ●, then fine.
22	28·93	29·13	40·9	35·9	35·7	41·8	1·4	0·8	·226	·195	89	93	SW 1	N 3	10	10	·070	Dull, with ●.
23	29·27	29·24	35·4	33·1	32·7	37·1	2·5	2·3	·159	·142	77	75	E 3	E 2	10	10	—	Dull and cold.
24	·10	28·97	31·9	33·9	30·7	34·1	2·0	1·3	·137	·169	75	86	E 2	N 1	10	10	·050	Dull and cold. ✳ 0.
25	29·05	·98	36·1	38·9	29·7	44·7	2·2	1·4	·171	·209	80	90	Calm 0	E 4	0	10	·680	Fog in valley. Dull, with ∞.
26	28·57	28·82	36·7	37·2	35·2	44·8	0·7	2·3	·204	·179	94	81	W 3	W 3	10	10	·030	Dull, squally, and cold, with ●. ▲ [6*p*.
27	29·06	29·18	31·9	36·7	29·7	41·6	0·7	2·9	·164	·165	91	76	E 1	N 2	10	10	—	Dull and cold.
28	29·62	29·69	40·9	38·5	27·7	49·2	5·1	2·9	·162	·179	63	77	Calm 0	E 1	0	10	·590	Fine day.
Mean	29·458	29·466	42·2	41·3	37·1	47·4	1·7	1·4	·238	·234	86·9	88·2	2·1	2·3	7·5	7·4	6·260	

MARGATE.—FEBRUARY 1893.

Height above Mean Sea Level, 83 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 24′ E. Lat. 51° 24′ N. Gravity Correction, + ·017 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·63	29·95	45·1	42·0	40·0	46·8	1·6	2·5	·263	·215	88	82	W 3	W 3	8	10	·040	Cloudy day. ⊍
2	29·85	29·99	46·4	43·5	39·4	53·8	1·2	1·0	·287	·260	91	92	W 3	W 1	10	10	·100	Dull day.
3	30·16	30·25	42·1	38·0	37·4	44·0	0·1	0·2	·266	·225	99	98	Calm 0	N 2	10	0	·010	≋ *a*. Dull day.
4	·32	·33	35·5	34·3	33·4	40·0	0·8	1·6	·192	·167	93	84	SE 1	NE 1	3	0	—	Bright and sunny.
5	·35	·31	31·5	31·5	28·5	38·8	1·3	1·0	·146	·153	82	86	S 1	NE 1	4	0	—	═ all day. Sunny day. Clear *n*.
6	·32	·26	32·8	34·1	28·4	43·0	0·8	0·2	·170	·192	91	98	SE 1	W 1	9	0	·010	═ all day. Fine and sunny.
7	30·12	30·09	45·4	41·9	33·7	51·6	0·4	1·4	·294	·236	97	90	W 3	W 3	10	0	·010	Sunny day.
8	29·81	29·83	44·0	39·2	38·4	46·1	2·5	1·4	·233	·212	81	88	W 3	SW 3	10	0	—	
9	·90	·48	40·9	47·5	36·3	49·1	0·8	1·1	·238	·301	94	92	WSW 2	W 5	10	10	·060	⸝
10	·41	·76	46·3	45·1	42·0	51·6	3·8	3·1	·232	·232	74	77	W 4·5	WNW 4	10	8	·080	Fine, with drying ⸝.
11	·65	·66	49·5	40·9	40·6	51·3	1·3	2·9	·320	·198	90	78	WSW 3	W 4	10	0	·075	Fine and mild *a*. ● in aft.
12	·69	·86	39·2	35·8	34·1	46·7	2·0	1·6	·201	·181	84	86	NW 3·5	W 1·5	0	0	·005	✳ ● (sleet) ● 3*a*. ═ 0 9*a*. Beauti- [ful day.
13	·70	·49	43·2	45·9	33·9	50·2	1·0	1·1	·257	·285	92	93	SW 2	SW 5	10	10	·188	Beautiful day till 4*p*., then ●.
14	·28	·45	49·6	43·0	42·8	51·2	1·5	0·5	·317	·266	90	96	SW 5·5	SW 1·5	10	0	·115	⸝ ● 9*a*.—2*p*. ● *p*.
15	·64	·54	45·2	47·6	38·2	50·0	0·4	2·0	·292	·282	97	86	SSE 2	SE 2·5	10	0	·040	Mild, with ≋ 0 ● *a*. Fine *p*.
16	·46	·63	46·9	40·7	40·2	48·8	1·0	1·4	·298	·224	93	88	SW 4	SW 2	10	1	·150	● *a*. Fine afternoon. ● showers 8*p*.
17	29·94	·97	39·9	43·2	34·3	47·5	1·0	0·2	·226	·275	92	98	W 1·5	SSE 2	3	10	·077	Beautiful day till 4*p*., then ●.
18	30·02	·92	49·6	47·2	43·0	52·9	0·7	0·4	·337	·315	95	98	SW 3	SW 4·5	10	10	·450	Damp and mild *a*., then fine. ● from
19	29·77	·56	47·2	47·5	46·6	57·6	0·9	1·0	·303	·304	94	93	S 1·5	S 3	9	10	·110	Beautiful day. ● from 8*p*. [5*p*.
20	29·45	29·28	45·4	43·7	41·2	51·3	1·3	0·9	·273	·265	91	92	SW 4	SSE 3	10	10	·493	● till 9*a*. and from 8*p*.
21	28·66	28·80	45·7	42·4	41·7	48·6	0·5	1·4	·295	·241	96	89	SSE 2	NW 4·5	10	10	·030	⸝ till 10*a*. and 2*p*.—5*p*.
22	28·98	29·19	41·1	36·0	35·1	43·6	1·3	0·8	·230	·197	89	93	NW 3·5	NW 2	10	10	·060	Fine and dry *a*. ● 2 *p*.
23	29·37	·38	35·0	33·9	33·3	38·2	1·2	1·2	·180	·171	88	87	NE 2·5	NE 1	10	10	—	[and dry. ✳ 0 ● 0 (sleet) 7*a*.—11*a*., then fine
24	·23	·10	33·8	34·8	32·4	40·3	1·1	1·6	·172	·170	88	84	E 3	NE 2	10	10	—	✳ 0 ● 0 (sleet) till 9.30*a*.
25	29·18	·28	33·0	38·6	29·7	47·1	1·8	1·3	·151	·209	80	90	NNW 1·5	SSE 2	10	9	·452	Beautiful day. Large ⊍ 9*p*.
26	28·81	·03	42·9	39·1	38·2	46·7	1·0	2·0	·255	·200	92	84	SE 6	WSW 3·5	10	8	·240	⸝ ● 2 *a*. ● showers *p*.
27	29·24	·25	37·9	42·0	34·7	47·6	1·1	0·3	·207	·260	91	98	SE 1	W 1	10	10	·500	≋ ● *a*. and *p*.
28	29·72	29·94	38·2	40·6	32·9	49·8	1·5	2·2	·201	·209	88	83	NNE 2	S 2	0	10	·330	Beautiful day. Large ⊍ *p*.
Mean	29·637	29·671	42·6	41·4	37·6	48·6	1·3	1·3	·250	·238	90·0	89·8	2·0	2·5	8·6	6·7	3·741	

SOUTHAMPTON.—FEBRUARY 1893.

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24′ W. Lat. 50° 55′ N. Gravity Correction, + ·016 in.

1	29·75	30·05	43·7	42·9	41·2	49·8	1·5	1·5	·251	·244	88	88	NW 3	SW 2	10	10	·053	Beautiful day. ● from 9*p*.
2	29·91	·04	48·5	49·6	42·6	55·2	1·5	1·7	·303	·313	89	88	SW 3·5	WNW 2	10	10	·002	Fine and mild.
3	30·15	·21	47·6	45·1	45·1	53·1	0·9	0·3	·308	·293	94	97	NW 0·5	SE 2·5	10	10	·015	Fine and pleasant. ● from 9*p*.
4	·25	·30	42·9	34·2	33·7	46·1	1·7	1·2	·239	·174	87	87	SE 3	E 1	10	1	—	Beautiful day.
5	·31	·30	36·5	32·0	31·6	41·3	1·7	0·5	·184	·170	85	93	SE 2·5	SE 1	10	0	—	Beautiful day. ═ 9*p*.
6	·30	·25	32·7	39·7	28·4	43·8	0·7	0·8	·172	·228	92	93	SE 0·5	S 2	1	10	·035	═ 2 ≋ *a*. Beautiful day.
7	30·20	30·15	46·4	41·9	39·3	50·5	0·7	0·8	·299	·248	95	94	NW 1·5	SW 1	9	0	·066	Beautifully fine and mild. ⌓ *n*.
8	29·88	29·92	43·1	38·6	38·3	50·0	1·1	1·4	·254	·207	91	89	WSW 2	W 1·5	10	0	—	Beautiful day. ⌓ *n*.
9	·90	·48	40·9	47·5	36·3	49·1	0·8	1·1	·238	·301	94	92	WSW 1·5	SW 5·5	10	10	·175	Fine *a*. ● *p*.
10	·41	·76	46·3	45·1	42·0	51·6	3·8	3·1	·232	·232	74	77	W 4·5	WNW 4	10	8	·080	Fine, with drying ⸝.
11	·65	·66	49·5	40·9	40·6	51·3	1·3	2·9	·320	·198	90	78	WSW 3	W 4	10	0	·075	Fine and mild *a*. ● in aft.
12	·69	·86	39·2	35·8	34·1	46·7	2·0	1·6	·201	·181	84	86	NW 3·5	W 1·5	0	0	·005	[ful day. ✳ ● (sleet) ● 3*a*. ═ 0 9*a*. Beauti-
13	·70	·49	43·2	45·9	33·9	50·2	1·0	1·1	·257	·285	92	93	SW 2	SW 5	10	10	·188	Beautiful day till 4*p*., then ●.
14	·28	·45	49·6	43·0	42·8	51·2	1·5	0·5	·317	·266	90	96	SW 5·5	SW 1·5	10	0	·115	⸝ ● 9*a*.—2*p*. ● *p*.
15	·64	·54	45·2	47·6	38·2	50·0	0·4	2·0	·292	·282	97	86	SSE 2	SE 2·5	10	0	·040	Mild, with ≋ 0 ● *a*. Fine *p*.
16	·46	·63	46·9	40·7	40·2	48·8	1·0	1·4	·298	·224	93	88	SW 4	SW 2	10	1	·150	● *a*. Fine afternoon. ● showers 8*p*.
17	29·94	·97	39·9	43·2	34·3	47·5	1·0	0·2	·226	·275	92	98	W 1·5	SSE 2	3	10	·077	Beautiful day till 4*p*., then ●.
18	30·02	·92	49·6	47·2	43·0	52·9	0·7	0·4	·337	·315	95	98	SW 3	SW 4·5	10	10	·450	Damp and mild *a*., then fine. ● from
19	29·77	·56	47·2	47·5	46·6	57·6	0·9	1·0	·303	·304	94	93	S 1·5	S 3	9	10	·110	Beautiful day. ● from 8*p*. [5*p*.
20	29·45	29·28	45·4	43·7	41·2	51·3	1·3	0·9	·273	·265	91	92	SW 4	SSE 3	10	10	·493	● till 9*a*. and from 8*p*.
21	28·66	28·80	45·7	42·4	41·7	48·6	0·5	1·4	·295	·241	96	89	SSE 2	NW 4·5	10	10	·030	⸝ till 10*a*. and 2*p*.—5*p*.
22	28·98	29·19	41·1	36·0	35·1	43·6	1·3	0·8	·230	·197	89	93	NW 3·5	NW 2	10	10	·060	Fine and dry *a*. ● 2 *p*.
23	29·37	·38	35·0	33·9	33·3	38·2	1·2	1·2	·180	·171	88	87	NE 2·5	NE 1	10	10	—	[and dry. ✳ 0 ● 0 (sleet) 7*a*.—11*a*., then fine
24	·23	·10	33·8	34·8	32·4	40·3	1·1	1·6	·172	·170	88	84	E 3	NE 2	10	10	—	✳ 0 ● 0 (sleet) till 9.30*a*.
25	29·18	·28	33·0	38·6	29·7	47·1	1·8	1·3	·151	·209	80	90	NNW 1·5	SSE 2	10	9	·452	Beautiful day. Large ⊍ 9*p*.
26	28·81	·03	42·9	39·1	38·2	46·7	1·0	2·0	·255	·200	92	84	SE 6	WSW 3·5	10	8	·240	⸝ ● 2 *a*. ● showers *p*.
27	29·24	·25	37·9	42·0	34·7	47·6	1·1	0·3	·207	·260	91	98	SE 1	W 1	10	10	·500	≋ ● *a*. and *p*.
28	29·72	29·94	38·2	40·6	32·9	49·8	1·5	2·2	·201	·209	88	83	NNE 2	S 2	0	10	·330	Beautiful day. Large ⊍ *p*.
Mean	29·637	29·671	42·6	41·4	37·6	48·6	1·3	1·3	·250	·238	90·0	89·8	2·0	2·5	8·6	6·7	3·741	

PLYMOUTH.—FEBRUARY 1893.

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 74 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 4° 8′ W. Lat. 50° 22′ N. Gravity Correction, + ·015 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity. Dep. of Wet.		Vapour Tension.		Per-centage.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·74	29·96	43·5	47·2	41·0	49·9	1·5	0·2	·250	·321	87	99	WNW	W	6	10	·165	Clear and sunny. ● in evening.
2	29·90	30·01	49·5	49·0	46·7	53·1	0·6	1·1	·339	·319	96	92	W	W	10	10	—	
3	30·04	·05	45·0	44·1	43·9	52·8	0·5	0·4	·288	·280	96	97	Calm	S	8	8	—	
4	·04	·09	45·5	41·5	41·0	48·2	0·5	1·5	·293	·230	96	87	ESE	SE	7	3	—	
5	·10	·12	42·5	37·0	36·9	43·4	2·2	1·0	·226	·199	83	91	SE	ESE	6	1	—	Fine, clear, and sunny.
6	·12	·11	44·0	47·7	35·2	48·1	1·5	0·3	·255	·324	88	98	Calm	SSW	10	10	·120	≋0 (mist) 9a. Overcast, with ●0.
7	30·11	30·06	47·0	47·1	46·0	54·1	1·5	0·7	·287	·307	89	95	NW	W	4	0	·145	
8	29·84	29·87	44·5	41·0	40·2	49·9	2·0	1·5	·248	·226	84	87	WNW	WNW	8	2	·080	
9	·83	·46	47·0	48·2	37·9	48·6	1·0	0·5	·298	·325	92	96	W	W	10	10	·155	Overcast all day.
10	·50	·75	48·0	46·5	44·5	50·0	4·0	0·8	·243	·297	73	94	WNW	W	9	10	·050	
11	·59	·61	48·0	40·5	40·5	49·4	1·0	3·0	·309	·193	92	76	W	WNW	9	10	·195	Overcast all day.
12	·69	·79	40·5	38·5	36·7	44·0	2·5	1·5	·203	·204	80	87	WNW	NW	6	0	·065	Fine and sunny. △
13	·58	·31	45·5	48·5	37·5	48·9	1·8	1·4	·263	·306	86	89	W	SSW	9	10	·210	Fine a., then overcast, with ↗ (gale).
14	·06	·34	50·0	44·2	44·0	50·9	0·6	0·9	·345	·270	96	93	SSW	WSW	10	0	·240	Overcast, with ●2 showers.
15	·44	·35	48·0	46·5	40·5	48·5	1·5	0·8	·298	·297	90	94	SbyE	SSW	10	10	·925	Overcast, with ●2.
16	·27	·50	45·0	38·1	37·9	47·1	2·5	1·1	·244	·208	81	90	S	NW	10	3	·167	●2 △ ⌒
17	·89	·82	37·0	49·9	35·0	49·9	1·0	0·7	·200	·342	91	95	ESE	WSW	10	7	·157	Overcast all day, with ●0. ⌣
18	·82	·74	50·0	48·4	48·4	50·0	0·6	0·0	·345	·340	96	100	SW	SSE	10	10	·425	Overcast, with ●2 ↗ (gale).
19	·54	·39	51·0	45·3	43·9	51·0	4·0	2·4	·275	·249	73	82	SSE	SW	4	4	·270	Overcast, with ●2 showers.
20	29·38	29·01	43·5	44·5	41·7	48·1	1·8	0·0	·244	·294	86	100	WNW	ESE	7	10	·285	Overcast, with ● showers.
21	28·53	28·86	45·0	42·0	41·0	49·5	1·0	2·4	·275	·218	92	81	WNW	NW	10	4	·103	Overcast, with ● showers a. Fine p.
22	28·98	29·13	41·7	38·8	38·0	46·5	2·2	2·3	·218	·191	83	81	W	NNW	4	7	—	Fine and sunny. ≋0 (mist) 9p. [U
23	29·24	29·23	37·0	36·5	35·0	39·0	2·6	2·3	·172	·173	77	80	ENE	ENE	10	10	—	≋0 (mist) 9a. Overcast all day.
24	·06	28·93	37·5	39·2	35·0	43·0	1·1	1·7	·203	·208	90	86	E	E	9	10	·120	≋0 (mist) 9a. Overcast, with ●0
25	29·06	29·03	38·5	44·0	31·6	45·6	1·5	1·0	·204	·265	87	92	SE	SW	0	8	1·025	Fine and sunny till 3p., then ●2 △.
26	28·67	28·97	43·7	41·2	38·5	47·0	1·7	2·7	·247	·205	87	79	W	W	8	6	·260	Fine a. ● △ showers p. ↗ (gale).
27	29·01	29·08	40·0	44·3	34·2	47·4	0·5	1·8	·237	·251	96	86	ESE	NW	10	7	·050	Overcast and gloomy, with ● showers
28	29·62	29·74	38·5	44·6	34·0	47·5	4·1	2·6	·159	·238	68	81	ENE	SE	0	10	·520	Fine till 7p. ↗ U U p. [till 4p.
Mean	29·521	29·546	44·2	43·7	39·6	48·3	1·7	1·3	·256	·260	87·0	89·6	—	—	7·6	6·8	5·732	

LONDONDERRY.—FEBRUARY 1893.

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

1	29·74	29·66	37·5	40·4	35·4	43·8	1·3	0·7	·199	·237	89	95	W 3	W 3	8	2	·390	● showers. U 7p.—9p.
2	·65	·83	41·7	47·1	38·6	47·2	1·1	0·8	·241	·305	92	94	WSW 3	W 3	10	10	·120	● showers.
3	29·91	29·92	46·5	49·7	45·0	50·2	1·9	2·6	·272	·292	86	83	SSW 4	S 4	8	10	·020	
4	30·00	30·06	47·7	46·6	45·0	49·7	1·1	2·0	·304	·271	92	86	S 3	S 2	10	10	·070	● 11a.—4p.
5	30·03	29·99	43·7	45·7	41·8	48·6	2·0	1·9	·242	·265	85	87	SE 4	S 3	8	10	·010	●0 showers during day.
6	29·94	·72	47·3	48·7	43·8	51·8	2·8	1·5	·261	·306	81	89	SW 4	SW 4	9	10	·070	● 7p.—8.30p.
7	·89	·57	43·7	44·7	42·4	49·5	2·0	2·8	·242	·235	85	79	W 4	SW 5	7	10	·270	● from 4p.
8	·68	·70	38·5	42·7	36·6	45·4	1·7	2·0	·199	·232	86	85	WNW 4	NW 4	2	10	·130	● showers. [night.
9	·43	·01	45·8	41·6	40·9	47·9	0·7	2·9	·291	·206	95	79	WSW 4	NW 7	10	10	·460	● during day. Squally ↗ ● at
10	·26	·30	47·9	49·0	38·5	49·5	3·8	2·7	·246	·283	75	81	NW 6	NW 7	10	10	·140	↗ < n. ● showers. Squally ↗ ●
11	·38	·40	40·0	37·0	35·6	49·4	3·6	1·3	·179	·195	72	89	WNW 4	WNW 4	6	6	·460	△ ● showers p. < n. [at night.
12	·62	·67	35·9	34·7	33·8	41·8	1·2	0·8	·190	·186	90	93	WNW 3	WNW 1	10	0	·420	△ ● n. △ ✳ showers all day.
13	29·32	·06	39·9	38·7	33·8	47·8	0·9	1·0	·227	·216	93	92	SW 3	Calm 0	10	8	·550	△ before 9a. ● till 1p. and in evening.
14	28·52	·08	47·8	38·3	37·0	49·4	1·0	1·6	·308	·200	93	87	NW 4	WSW 4	10	4	·240	Constant ● till noon. ● showers in
15	29·37	·31	38·0	38·9	33·3	49·8	2·9	0·0	·175	·237	76	100	S 3	S 3	3	0	·020	Fine day. [evening.
16	·20	·39	41·0	37·1	36·5	44·7	0·8	1·5	·239	·192	94	87	S 3	NW 4	10	0	·010	Fine day.
17	·04	·47	36·5	46·1	34·0	46·4	1·5	1·4	·187	·279	87	90	SE 3	SW 5	10	10	·140	● during day and at night.
18	·56	·57	50·0	50·4	45·4	52·7	0·5	1·1	·348	·338	97	92	SW 2	S 2	10	10	—	
19	·41	·22	48·4	46·8	45·4	54·9	2·0	2·2	·291	·268	86	84	SE 3	S 2	9	1	·030	● in evening.
20	29·38	·08	41·7	37·7	36·4	47·5	1·1	1·4	·241	·199	92	88	W 1	Calm 0	9	1	·040	Fine day.
21	28·94	·04	32·7	36·1	30·6	48·0	0·5	1·3	·176	·188	95	88	E 1	Calm 0	6	0	·140	Fine during day. ● at night.
22	29·24	·45	39·4	35·7	33·4	44·4	1·1	2·0	·220	·173	91	83	NW 3	Calm 0	10	0	—	Fine day.
23	·49	·39	31·2	34·7	28·0	45·5	0·5	2·0	·163	·162	93	80	E 2	E 1	2	8	—	Fine day.
24	·24	·16	34·2	32·1	30·0	40·4	2·1	2·4	·156	·130	79	71	E 1	NE 1	10	10	—	≋0 (mist) a.
25	29·19	29·17	32·2	30·7	28·6	40·8	2·2	1·8	·135	·129	74	74	NW 1	Calm 0	10	10	·080	✳ at night.
26	28·95	28·92	33·0	36·4	28·9	37·0	1·0	3·6	·167	·152	89	70	NE 3	NE 3	10	5	·140	✳ nearly all day. U 9p.
27	29·14	29·36	34·1	32·6	31·2	42·8	2·1	1·4	·155	·155	78	84	NW 1	WNW 3	5	0	—	✳ showers during day.
28	29·59	29·63	37·4	38·7	30·0	42·5	2·2	2·3	.182	·191	82	82	SW 3	SW 3	10	10	·190	● 11a.—1p.
Mean	29·450	29·432	40·5	40·7	36·4	46·8	1·6	1·8	·223	·222	86·7	85·4	3·0	2·8	8·3	6·3	4·170	

ARMAGH.—FEBRUARY 1893.

Height above Mean Sea Level, 196 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 39′ W. Lat. 54° 21′ N. Gravity Correction, + ·025 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity. Dep. of Wet.		Vapour Tension.		Per-centage.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·04	29·56	37·3	40·6	35·4	45·3	1·1	0·6	·201	·240	91	95	SW 1	SW 4	1	1	·475	
2	·57	·75	41·4	47·8	39·2	48·0	0·3	0·5	·254	·320	98	96	SW 2	SW 2	10	10	·040	Overcast all day.
3	·84	·84	45·5	47·1	44·0	49·0	1·4	1·1	·272	·297	92	92	S 3	S 3	5	10	—	
4	·91	·98	46·6	43·9	43·2	49·3	1·5	1·1	·282	·263	90	91	S 3	SSE 2	10	10	—	Overcast all day.
5	·93	·90	42·6	44·0	39·6	47·7	1·8	1·7	·235	·250	87	86	SSE 4	S 4	9	10	·010	
6	·85	·64	46·0	50·1	43·1	50·1	3·1	0·4	·242	·352	78	97	S 3	SSW 5	10	10	·062	
7	·83	·55	43·8	44·5	39·0	50·5	1·3	0·5	·257	·281	90	96	SW 3	W 3	10	10	·217	< 7p.—9p.
8	·60	29·62	37·5	39·6	35·1	44·8	0·6	1·1	·213	·221	95	91	WSW 2	SW 3	9	10	·044	↗ (gale) in past n.
9	·35	28·97	46·0	40·3	38·5	48·6	1·0	2·2	·287	·206	93	83	SW 4	WSW 3	10	9	·258	Overcast all day.
10	·14	29·26	47·3	48·7	38·2	51·0	0·8	0·9	·307	·322	95	94	WNW 6	SW 4	10	10	·025	Very stormy a. ✳0 shower in after-
11	·31	·31	40·3	33·6	33·5	49·0	2·8	0·6	·195	·181	78	93	WSW 3	SW 2	10	1	·024	[noon.
12	·53	29·56	38·0	34·0	33·5	42·6	1·7	0·4	·195	·188	85	96	W 1	SW 1	8	2	·090	✳ ● (sleet) △ 0.30p.
13	29·22	28·93	40·3	42·8	33·3	45·4	0·5	0·3	·240	·268	96	98	S 3	SE 1	10	10	·535	Overcast all day.
14	28·47	29·02	42·5	37·8	37·2	49·5	1·7	2·2	·236	·186	87	82	SSW 4	SW 4	10	0	—	
15	29·28	·21	40·0	43·0	32·7	46·6	3·9	0·4	·174	·268	70	97	SSE 3	SSE 3	3	9	·038	
16	·09	·33	41·7	35·6	34·4	45·8	2·0	1·9	·223	·174	86	83	SSW 2	SW 2	10	0	·050	
17	·56	·41	36·4	45·0	31·2	46·0	1·5	1·2	·187	·271	87	91	SSW 2	S 3	10	10	·100	Overcast all day.
18	·46	·46	51·0	50·8	44·8	52·2	1·1	1·6	·346	·330	92	88	SSW 3	S 2	10	10	—	
19	·28	29·13	48·6	45·8	45·3	51·0	1·0	2·1	·318	·261	93	85	SSE 3	SSE 3	8	9	·040	
20	29·17	28·94	39·8	36·9	36·8	47·2	0·2	1·9	·240	·183	99	84	SSW 1	SSW 1	10	4	·207	△ shower 3p.
21	28·77	28·89	38·0	35·7	30·8	44·8	0·9	1·0	·210	·192	92	91	NNE 1	NE 0·5	9	10	·126	△ shower 3.45p.
22	29·07	29·29	38·9	36·0	34·1	40·2	1·1	2·5	·216	·165	92	77	NE 2	E 2	10	10	—	Overcast all day.
23	·33	·26	35·5	32·8	32·7	39·0	2·3	1·2	·164	·162	79	86	NE 2	E 0·5	10	10	·012	
24	·09	·02	34·0	28·1	28·0	36·5	1·2	0·7	·172	·132	87	86	E 0·5	Calm 0	10	7	—	U
25	29·06	29·02	30·4	29·6	21·7	35·5	0·4	0·2	·159	·159	94	97	Calm 0	E 1	9	4	·035	✳ 9a.
26	28·71	28·75	32·4	33·8	28·2	34·4	0·3	0·4	·170	·186	97	95	NE 2	NW 1	10	10	—	✳ before 9a. Overcast all day.
27	29·04	29·26	33·1	29·9	26·5	44·0	0·9	1·1	·170	·137	90	82	SW 1	W 1	8	0	—	
28	29·50	29·53	37·5	38·8	28·0	44·1	1·5	2·2	·195	·194	87	83	SW 3	S 3	0	10	·408	
Mean	29·343	29·335	40·4	39·9	35·2	45·6	1·4	1·1	·227	·228	89·2	89·8	2·4	2·3	8·5	7·4	2·796	

MARKREE CASTLE.—FEBRUARY 1893.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27′ W. Lat. 54° 11′ N. Gravity Correction, + ·024 in.

1	29·72	29·64	36·1	43·9	30·6	44·0	1·0	2·3	·194	·238	91	83	S 0·5	WSW 3	8	10	·600	⌣
2	·67	·82	42·3	48·9	38·0	49·3	0·3	1·6	·263	·307	98	89	SW 1	SW 1	10	10	·040	● storms in past n.
3	·85	·83	44·9	48·6	44·2	51·4	0·8	1·9	·278	·297	94	87	SSE 3	SSE 3	10	10	·280	T 0.35a.
4	·93	·96	47·1	45·4	44·8	48·7	0·2	1·3	·320	·273	98	91	S 1	SSE 3	10	10	·120	
5	·90	·91	44·4	46·4	42·1	48·7	1·1	1·0	·267	·292	91	93	SSE 4	SSE 3	10	7	·020	U0.
6	·87	·71	44·2	48·2	39·0	51·2	1·0	2·4	·268	·279	93	84	SSE 2	SSW 2	10	9	·130	
7	·91	·53	44·1	44·2	41·7	49·9	1·9	2·3	·247	·240	85	82	SW 2	SW 4	10	10	·420	⌇ 5p.—6p.
8	·70	·72	38·0	40·1	34·2	45·2	1·3	1·1	·203	·225	89	91	WSW 2	SSW 1	7	10	·270	● storms in past n.
9	·45	·09	46·8	41·4	39·3	48·3	0·8	2·8	·301	·205	94	79	SW 1	WSW 4	10	10	·380	
10	·38	·36	47·3	49·1	36·5	50·1	4·2	3·3	·232	·271	72	77	NW 6	W 6	9	10	·030	↗ (gale) ⌇ in past n.
11	·44	·43	40·0	34·0	33·1	49·1	3·0	0·4	·189	·188	76	96	SW 1	Calm 0	9	10	·140	
12	·66	29·63	34·2	37·1	30·9	43·1	0·3	1·0	·192	·201	97	91	SSW 0·5	S 0·5	9	10	·050	△ in past n.
13	29·21	28·97	41·9	41·7	36·0	48·6	0·9	0·7	·256	·249	93	94	SSE 2	Calm 0	10	10	·640	
14	28·68	29·10	40·2	37·6	37·0	45·9	1·0	2·4	·228	·181	92	80	WSW 6	SW 2	10	8	·040	
15	29·26	·17	36·9	40·2	30·1	46·6	2·2	1·2	·179	·224	82	90	SE 3	SSE 4	9	10	·210	
16	·16	·41	37·3	36·0	35·1	46·1	0·3	1·0	·216	·193	97	91	Calm 0	Calm 0	9	10	·020	
17	·59	·42	35·2	48·3	30·3	48·7	0·7	0·3	·192	·331	93	98	SSE 2	S 2	9	10	·210	⌣. Snow on mountains.
18	·50	·54	50·0	50·6	47·5	53·0	0·6	1·3	·345	·335	96	91	S 1	SSE 3	10	10	·010	Overcast all day.
19	·25	29·14	50·0	43·6	42·7	50·9	1·2	1·6	·329	·248	92	87	ESE 3	SE 2	10	8	·010	
20	29·24	28·98	39·9	34·0	33·1	48·0	0·9	0·4	·227	·188	93	96	Calm 0	SE 0·5	9	7	—	
21	28·88	28·98	36·4	35·2	27·1	45·3	3·4	0·6	·154	·194	72	94	Calm 0	Calm 0	7	7	·010	⌣
22	29·15	29·34	32·6	36·8	24·6	41·0	1·7	1·8	·149	·184	81	85	Calm 0	ENE 1	10	10	—	Ovefcast all day.
23	·40	·33	37·0	32·4	27·1	39·3	2·4	0·4	·175	·176	80	96	NNE 0·5	Calm 0	4	10	—	
24	·17	·10	31·7	30·2	26·1	37·3	1·5	0·2	·145	·163	80	97	Calm 0	ESE 0·5	8	10	—	⌣
25	29·14	29·07	25·0	30·4	17·7	37·4	0·4	0·6	·120	·154	89	91	SE 0·5	Calm 0	9	9	·080	⌣
26	28·81	28·95	32·0	35·6	28·2	37·6	0·3	3·6	·175	·144	96	68	NNE 3	N 1	10	7	·010	✳ in past n. and during morning.
27	29·12	29·35	35·3	27·0	25·7	44·1	2·3	0·2	·162	·140	78	95	SSE 0·5	Calm 0	4	7	—	Sunny day.
28	29·56	29·49	36·1	37·4	23·2	43·0	3·2	1·3	·155	·198	72	89	SSE 0·5	SSE 3	4	10	·360	⌣
Mean	29·414	29·391	39·5	40·2	33·8	46·1	1·4	1·4	·220	·226	88·0	88·8	1·6	1·8	8·7	9·3	4·080	

DUBLIN (PHŒNIX PARK).—FEBRUARY 1893.

Height above Mean Sea Level, 155 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 21′ W. Lat. 53° 22′ N. Gravity Correction, + ·022 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·72	29·70	37·2	44·5	35·0	45·7	1·0	1·9	·202	·251	91	86	W 1	SW 2	2	9	·480	Bright *a*. Cloudy *p*. ● 2 *4p.—7p.*
2	·68	·84	41·3	48·6	39·7	49·3	1·0	1·5	·239	·305	92	90	W 1	W 1	9	8	·100	Dull, with ● 2 *a*. ● 0 showers *p*.
3	29·94	29·93	46·2	48·2	44·4	53·3	2·3	2·5	·261	·276	84	83	SW 1	S 1	8	7	—	
4	30·00	30·03	48·7	43·4	38·6	50·7	3·2	1·9	·268	·241	79	85	S 1	Calm 0	6	8	—	
5	30·03	30·00	42·3	45·1	40·8	49·8	2·0	1·7	·228	·261	85	87	S 1	S 1	4	7	—	
6	29·97	29·78	47·6	51·6	44·0	53·8	2·0	1·8	·282	·335	86	88	WSW 1	SW 3	6	9	·030	● 0 showers *8p.—10p.*
7	·95	·69	46·3	48·3	43·0	51·9	3·3	2·6	·241	·276	77	82	WSW 2	SW 5	1	8	·025	Beautiful day. Squally ↙ ● 2 < *p*.
8	·72	·75	41·1	39·8	36·5	48·9	2·6	1·7	·205	·211	80	87	W 2	W 1	6	1	·070	● 2 showers *a*.
9	·56	·17	45·0	41·2	38·6	47·8	1·3	2·9	·268	·201	90	78	WSW 2	W 3	9	1	·520	Dull, with squally ↙ ●.
10	·28	·44	46·9	47·7	39·7	50·1	3·4	1·7	·245	·289	78	88	WNW 4	SW 3	6	10	·100	Squally ↙ till 3*p*. ● 2 showers *p*.
11	·44	·44	41·3	34·7	34·0	49·5	3·0	1·2	·200	·178	77	89	W 2	W 2	7	1	·030	✳ 0 showers *p*.
12	·62	29·67	35·6	36·2	32·8	43·9	1·7	1·6	·178	·184	85	86	WNW 2	Calm 0	2	1	·025	✳ 0 *a*. Beautiful day.
13	29·35	28·99	43·4	48·2	35·0	48·9	1·8	1·6	·243	·297	86	89	SW 2	SW 3	9	10	·130	Dull, with ● 0 showers.
14	28·69	29·19	42·7	39·3	38·3	51·1	1·8	3·0	·236	·183	86	77	W 5	SW 2	9	0	—	Squally ↙ till 3*p*.
15	29·36	·29	40·1	44·0	34·1	47·4	2·7	1·5	·195	·255	78	88	SSE 1	SE 1	4	4	·180	● 0 *p*.
16	·16	·44	41·6	36·3	35·5	45·7	1·4	1·6	·233	·185	90	86	Calm 0	W 1	8	1	·010	Cloudy, with ● 2 showers *a*. Bright *p*.
17	·66	·57	36·5	50·5	32·9	50·9	2·4	2·3	·172	·309	79	84	W 1	SW 2	7	6	·050	Cloudy day. ● 2 *p*.
18	·56	·57	51·8	49·8	48·7	**55·9**	2·1	2·1	·331	·305	86	86	SW 3	SW 1	5	9	—	Squally ↙ till 11*a*.
19	·38	·22	50·4	43·5	39·1	53·2	1·9	2·8	·318	·223	88	78	S 2	SW 2	6	1	·060	
20	29·28	29·04	39·3	38·6	34·7	48·0	1·2	2·2	·217	·192	91	82	Calm 0	Calm 0	9	4	·055	
21	28·77	28·94	40·5	34·8	34·1	44·7	1·6	1·4	·219	·174	87	86	NE 1	Calm 0	9	0	·070	Dull, with ● 0 showers *a*. Cloudy *p*.
22	29·08	29·31	35·8	37·5	30·2	40·8	0·8	2·6	·195	·176	93	78	Calm 0	ENE 1	10	8	·280	Dull, with ● 0 till 3*p*. Cloudy *p*.
23	·37	·32	33·1	34·5	32·3	39·3	0·6	1·1	·176	·178	93	88	Calm 0	Calm 0	10	9	·075	Cloudy, with frequent ✳ ● (sleet)
24	·14	·07	33·7	28·1	27·1	39·1	2·0	0·4	·153	·141	79	91	SE 1	Calm 0	9	2	·025	└ ✳ showers.
25	29·11	29·04	25·2	36·8	**21·7**	37·7	0·4	2·9	·122	·166	90	76	Calm 0	ESE 2	6	9	·410	✳ 0 showers.
26	28·69	28·87	33·3	34·4	27·8	37·5	1·1	1·8	·168	·164	88	82	Calm 0	NW 2	9	9	·020	Dull and cloudy. ● showers *p*.
27	29·11	29·34	32·5	27·6	26·0	42·0	1·7	0·4	·148	·138	80	92	Calm 0	Calm 0	1	0	—	Beautiful day.
28	29·60	29·63	37·5	41·2	24·2	45·1	3·4	3·3	·163	·194	**72**	75	Calm 0	S 2	1	8	·100	Beautiful day.
Mean	29·436	29·436	40·6	41·2	35·3	47·2	1·9	1·9	·218	·225	84·6	84·5	1·3	1·5	6·4	5·4	2·845	

PARSONSTOWN (BIRR CASTLE).—FEBRUARY 1893.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar., – 2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 inches.
Long. 7° 55′ W. Lat. 53° 6′ N. Gravity Correction, + ·021 in.

1	29·71	29·69	35·7	44·5	33·6	44·7	0·3	1·4	·203	·261	97	89	Calm 0	SW 1	0	10	·660	Fine *a*., then dull with ●.
2	·66	·84	47·2	47·9	41·3	49·9	0·3	1·0	·318	·309	98	93	SW 1	SW 1	10	10	·020	● 2 *n*. Dull and gloomy, with ●.
3	·87	·85	46·2	47·9	43·8	50·5	1·3	1·0	·283	·309	91	93	SE 1	Calm 0	10	10	—	Dull day.
4	·91	·95	47·7	44·7	43·8	49·2	1·3	1·8	·299	·255	91	87	Calm 0	SW 1	10	10	—	Dull day.
5	·90	·91	46·7	46·5	42·3	48·7	1·6	0·8	·281	·298	89	94	SE 1	Calm 0	9	10	·015	Dull, with ● 0.
6	·89	·77	44·5	48·7	40·8	52·7	1·6	1·8	·257	·301	88	87	Calm 0	SW 1	8	10	·020	Cloudy day.
7	·95	·68	43·7	47·9	41·8	52·3	1·8	1·0	·246	·309	86	93	SW 1	SW 2	3	10	·090	Fine day. ● < in evening.
8	·73	·76	36·9	39·7	35·8	47·9	0·5	0·8	·209	·228	96	93	SW 1	SW 1	2	8	·170	● *a*. and *p*. ≡ 0 (mist) *9p*.
9	·56	·21	45·7	39·7	37·8	47·9	0·8	1·8	·290	·209	95	85	SW 1	SW 3	10	9	·450	Squally, with ● 2 ▲.
10	·40	·45	45·9	49·7	36·3	49·9	2·5	0·8	·254	·336	83	94	SW 2	SW 2	9	10	·080	● *a*.
11	·46	·45	39·9	35·7	33·8	49·7	1·0	1·8	·226	·177	92	85	SW 1	SW 1	8	10	·105	Dull, with ● ▲ ✳ 0.
12	·67	29·65	34·7	36·9	32·3	42·7	0·8	1·0	·186	·200	93	92	SW 1	Calm 0	6	10	·015	└ 0 *n*. Fine and bright.
13	29·28	28·94	42·2	44·7	35·8	47·5	0·8	0·6	·252	·281	93	95	Calm 0	Calm 0	10	10	·360	≡ 0 (mist) *9a*. Dull, with ●.
14	28·76	29·15	41·7	37·7	36·8	49·7	2·0	1·8	·223	·192	86	84	WSW 2	Calm 0	4	0	—	Fine day.
15	29·26	·17	37·9	42·7	29·8	48·7	1·5	1·3	·199	·246	88	89	SE 1	SE 1	3	0	—	└ in past *n*.
16	·14	·41	37·1	35·7	33·8	46·2	0·4	1·3	·213	·186	96	88	Calm 0	SW 1	8	4	—	≡ 0 (mist) *a*. Fine day.
17	·61	·47	34·7	49·2	28·8	49·2	1·6	1·3	·170	·318	84	91	SE 1	SW 1	10	10	·128	└ *n*. Dull with ●.
18	·49	·49	51·7	48·7	46·8	**55·2**	1·3	1·3	·349	·311	91	91	Calm 0	Calm 0	10	10	—	Dull and mild.
19	·23	29·14	49·9	41·5	39·8	51·7	0·8	1·6	·337	·229	95	88	SE 1	Calm 0	10	0	·162	≡ 0 (mist) *a*. ●
20	29·25	28·96	39·7	40·2	36·8	47·2	0·8	1·3	·228	·222	93	90	Calm 0	SW 1	4	10	—	Cloudy *a*.
21	28·78	28·94	35·9	37·2	33·8	44·7	0·5	0·5	·201	·212	96	95	NW 1	Calm 0	2	9	·034	Fine *a*.
22	29·07	29·26	29·2	33·9	27·8	40·2	0·1	1·0	·159	·175	98	89	Calm 0	Calm 0	10	0	—	≡ *9a*.
23	·32	·26	34·2	34·7	31·8	38·9	1·3	1·6	·172	·170	86	84	Calm 0	Calm 0	10	10	·020	└ 0 *n*. Dull with ● ✳.
24	·11	29·04	33·7	31·7	30·8	34·9	1·3	0·8	·167	·160	86	90	Calm 0	Calm 0	10	10	·095	Dull, with ✳ 0.
25	29·07	28·93	24·7	33·2	**20·8**	36·7	0·4	0·3	·119	·184	90	97	Calm 0	Calm 0	0	10	·110	└ 2 *n*. Fine day.
26	28·71	28·92	32·7	32·5	30·8	33·7	0·4	1·1	·178	·161	96	87	Calm 0	NW 1	10	10	·030	✳ 2 *n*. Dull, with ✳ ●.
27	29·08	29·28	28·7	28·5	23·8	40·7	0·3	0·6	·149	·139	95	89	Calm 0	Calm 0	8	0	—	└ 2 *n*. Fine and bright.
28	29·57	29·47	29·7	40·7	22·8	44·2	1·3	1·8	·130	·217	**79**	86	Calm 0	SE 2	0	10	·410	└ 2 *n*. Fine and bright.
Mean	29·409	29·393	39·2	40·8	34·8	46·3	1·0	1·2	·225	·236	91·1	89·9	0·6	0·7	6·9	7·9	2·974	

DEERNESS.—MARCH 1893.

Height above Mean Sea Level, 169 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45′ W. Lat. 58° 56′ N. Gravity Correction, + ·036 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·34	29·18	39·4	39·3	33·0	41·2	1·6	1·5	·210	·211	87	88	SE 5	E 5	4	10	·140	
2	·57	·94	40·0	36·0	34·6	43·8	2·0	2·8	·207	·161	84	76	NE 2	NE 2	10	0	—	
3	·93	·55	39·4	41·0	34·0	41·0	3·3	0·7	·179	·242	75	94	SSE 7	S 6	10	10	·120	∞ *9a*. ● from 5*p*.
4	·41	·44	44·2	44·1	40·0	46·6	1·7	0·7	·253	·273	87	94	SW 6	W 7	8	10	·070	
5	·64	·90	44·5	40·0	39·0	45·8	0·8	2·0	·275	·207	94	84	W 7	NNW 2	10	5	·050	Sky covered with cir. in bands E. to
6	·81	·80	42·5	43·8	38·7	48·6	0·4	1·4	·263	·255	97	89	SSW 3	W 5	10	5	—	≡ *a*. [W. 5*p*.
7	·65	·71	47·1	44·1	40·0	48·8	1·0	2·8	·300	·229	93	78	W 6	W 9	10	7	—	↙ 2 (59 miles per hour) 2*p*.
8	·90	·75	43·0	45·0	40·0	46·3	3·4	0·0	·228	·299	75	100	WNW 5	SW 3	4	10	·310	● 0 *9p*.
9	·39	·42	48·0	38·0	36·0	48·8	2·0	2·2	·285	·187	86	81	WSW 8	W 8	10	1	·140	● 0 *9a*. ↙ 2 (62 miles per hour) 1*p*.
10	·62	·89	33·7	36·0	32·7	41·8	0·4	2·0	·186	·175	95	82	W 8	NNW 2	8	0	·050	▲ showers *a*.
11	·46	·37	43·7	45·0	34·2	48·4	1·9	3·7	·244	·220	85	74	SW 7	W 7	10	0	·230	
12	·26	·04	41·0	39·2	38·6	48·8	0·5	0·2	·246	·236	96	98	Calm 0	NW 6	10	2	·400	≡ ● *a*. ● showers *p*.
13	29·17	29·31	39·7	39·2	37·0	42·8	1·9	2·2	·207	·197	84	82	W 8	SW 5	6	0	·170	● showers *a*.
14	28·98	28·94	42·2	43·3	38·6	45·8	0·9	1·8	·250	·242	92	86	SW 8	WSW 7	10	1	·170	⋔
15	·81	28·88	36·7	33·5	31·0	43·8	1·7	2·0	·185	·152	85	79	WSW 10	WSW 7	8	5	·230	▲ ✳ ·. ⋔ from 8*p*.
16	28·94	29·09	34·0	30·0	28·3	35·8	2·0	0·0	·156	·167	79	100	W 4	W 1	8	10	·260	✳ *a*. and *p*.
17	29·42	29·69	31·0	28·3	27·0	32·4	3·8	3·3	·093	·074	56	49	NNW 7	NW 7	4	1	·120	✢ all day.
18	·89	30·10	32·0	30·0	**24·0**	32·8	2·7	3·0	·123	·096	68	53	NW 8	NW 1	3	0	—	✳ showers *a*. ✢ 2.
19	29·99	29·98	39·0	43·4	29·0	44·6	1·0	1·6	·218	·247	92	87	WSW 5	WSW 7	10	1	·040	
20	30·01	30·07	44·8	43·5	41·8	47·6	0·8	1·5	·278	·249	94	88	W 6	WSW 2	10	1	—	Very fine.
21	30·02	30·02	45·2	41·5	41·0	47·8	2·2	1·2	·251	·237	84	90	S 1	Calm 0	1	0	—	Cir. in bands W. to E. *9a*. Very fine.
22	29·98	29·97	44·0	43·3	38·0	50·8	1·6	1·9	·252	·239	87	85	SSW 1	Calm 0	3	1	—	Cir. in all directions.
23	29·97	30·05	49·0	44·0	40·0	52·8	3·0	2·4	·276	·236	79	81	SW 1	ESE 1	0	0	—	Very fine.
24	30·10	·17	44·2	44·0	40·6	48·3	0·7	1·7	·275	·250	95	86	ESE 2	Calm 0	9	0	—	Cir. in clusters. Sun-dog to S. 5*p*. ⋓
25	·18	·21	50·0	44·3	41·0	**54·3**	2·2	1·3	·304	·261	85	90	Calm 0	NW 2	0	1	—	Very fine. Meteor seen.
26	·20	·21	46·3	41·5	39·5	48·8	0·3	0·5	·307	·251	98	96	N 3	ESE 1	0	8	—	∞ *9a*. ≡ till 8*p*.
27	·23	·17	40·4	39·0	38·2	42·8	2·6	2·0	·199	·199	80	84	ESE 3	SE 3	10	7	—	
28	30·09	30·00	41·7	40·7	37·7	43·8	2·1	0·7	·221	·239	85	94	SSE 4	SSE 1	2	0	—	⋓ 0.
29	29·90	29·70	44·8	42·2	38·0	47·3	1·7	0·7	·257	·254	87	94	ESE 1	Calm 0	0	7	—	Sun-dog.
30	·56	·47	44·4	44·0	41·0	49·0	1·2	1·0	·265	·265	91	92	WSW 3	SW 1	10	0	—	∞ *9p*.
31	29·29	29·35	45·0	44·0	40·0	49·8	1·2	2·1	·271	·242	91	83	S 4	SW 3	10	10	—	∞ *a*.
Mean	29·668	29·688	42·0	40·4	36·5	45·5	1·7	1·6	·234	·219	86·0	85·2	4·6	3·6	6·7	3·6	2·500	

DUNROBIN CASTLE.—MARCH 1893.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56′ W. Lat. 57° 59′ N. Gravity Correction, + ·034 in.

1	29·46	29·32	36·9	39·2	26·5	44·5	1·8	2·7	·185	·188	85	79	E	E	—	—	—	Dull and mild.
2	29·76	30·13	39·4	39·4	36·7	47·3	1·7	3·9	·208	·170	87	71	E	E	—	—	—	Dull day.
3	30·07	29·69	34·9	43·9	34·3	43·9	2·1	2·6	·161	·231	80	80	E	E	—	—	·130	Dull and mild.
4	29·65	29·71	45·4	46·9	40·7	51·3	3·4	2·6	·230	·261	76	82	W	W	—	—	—	Clear and cold *a*. Dull *p*.
5	29·90	30·09	46·2	44·6	41·9	48·5	2·9	1·6	·248	·258	80	88	W	W	—	—	·080	Dull and mild *a*. Fine *p*.
6	30·00	·01	43·6	46·2	40·7	53·5	1·6	2·7	·248	·253	87	82	NW	W	—	—	·050	Dull day.
7	29·94	30·05	48·2	44·4	41·9	52·3	1·5	1·1	·300	·267	90	91	W	W	—	—	—	Mild *a*. Dull *p*.
8	30·15	29·93	45·6	49·4	44·2	54·5	1·1	0·1	·281	·350	92	99	W	W	—	—	·310	
9	29·70	29·71	51·9	40·6	38·7	53·7	2·2	2·3	·329	·207	86	82	W	W	—	—	—	Squally day.
10	·88	30·06	41·4	40·6	36·7	46·5	1·4	1·3	·231	·225	89	89	W	W	—	—	·050	Mild and breezy.
11	·66	29·62	46·6	46·2	38·0	51·7	1·1	1·7	·292	·274	93	89	W	W	—	—	·040	Mild *a*. Dull *p*.
12	·49	·37	50·2	43·2	42·7	52·5	1·7	0·7	·320	·264	89	94	W	W	—	—	—	Dull *p*.
13	·48	·54	42·9	41·2	39·9	48·0	0·6	1·7	·263	·223	95	87	W	W	—	—	·180	● showers *a*. Dull *p*.
14	·25	·21	43·9	44·4	37·3	50·0	2·4	0·1	·236	·291	82	99	W	NW	—	—	·100	✳ showers.
15	·15	·20	38·9	31·6	31·5	48·5	1·4	1·3	·210	·148	90	82	W	NW	—	—	·200	Dull, with ✳ showers.
16	·22	29·33	32·2	30·0	28·3	38·0	1·9	0·5	·141	·153	77	92	W	W	—	—	·050	✳ (2½ ins. deep). Clear *p*.
17	29·68	30·02	30·9	27·6	27·0	39·3	1·1	1·3	·145	·112	84	75	NW	NW	—	—	—	Clear and frosty.
18	30·18	·33	32·4	31·2	**26·3**	35·5	1·1	0·9	·160	·153	87	87	SW	NW	—	—	—	Dull and mild.
19	·24	·24	36·9	35·9	27·0	40·0	1·6	1·6	·189	·182	87	86	W	NW	—	—	—	Dull and mild.
20	·22	·23	44·4	49·2	32·3	55·7	0·7	1·7	·276	·308	95	89	NW	NW	—	—	—	Fine and sunny.
21	·22	·21	45·9	43·9	35·5	54·0	1·4	2·2	·278	·240	91	84	SW	NW	—	—	—	Fine and sunny.
22	·17	·16	46·4	43·2	34·7	54·5	1·1	0·2	·289	·275	92	98	W	E	—	—	—	Fine and clear.
23	·18	·27	46·9	44·6	33·5	53·0	1·2	1·1	·293	·270	92	92	E	N	—	—	—	Fine and clear.
24	·29	·34	42·9	45·4	36·5	51·3	1·2	0·4	·250	·294	91	97	E	E	—	—	—	Fine and sunny.
25	·33	·40	47·4	46·6	38·7	**59·5**	0·9	1·1	·306	·292	94	93	E	E	—	—	—	Cold wind *a*.
26	·36	·35	49·9	43·8	40·7	53·7	0·6	1·3	·343	·257	96	90	SE	E	—	—	—	Fine day.
27	·36	·32	41·9	40·4	39·7	45·7	1·4	1·7	·237	·216	90	87	E	E	—	—	—	Fine and clear.
28	·24	30·16	43·2	38·2	33·7	49·5	2·2	0·5	·232	·220	83	96	E	E	—	—	—	Dull day.
29	30·08	29·90	43·6	42·9	34·5	43·6	2·1	0·6	·239	·263	84	95	E	E	—	—	—	Fine and dry *a*. Dull *p*.
30	29·79	·62	47·2	43·6	38·5	47·5	1·7	1·1	·285	·259	89	91	E	E	—	—	·080	Du'l *a*. Fine *p*.
31	29·50	29·64	47·2	45·4	38·9	47·5	1·2	0·7	·295	·288	92	96	W	SW	—	—	—	
Mean	29·891	29·909	43·1	41·7	36·0	48·9	1·6	1·4	·248	·238	87·9	88·5	—	—	—	—	1·270	

BRAEMAR.—MARCH 1893.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches.
Long. 3° 24′ W. Lat. 57° 0′ N. Gravity Correction, + ·030 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity. Dep. of Wet.		Humidity. Vapour Tension.		Humidity. Per-centage.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	28·29	28·09	33·0	32·7	27·8	35·0	0·5	0·8	·177	·170	94	91	SE 0·5	NE 0·5	8	10	·070	Dull day.
2	·55	·90	33·7	29·6	27·0	41·2	1·0	1·2	·173	·132	89	81	NE 0·5	NE 0·5	7	5	—	Fair and clear.
3	·96	·62	30·0	39·3	18·7	39·7	1·6	1·4	·125	·213	75	89	NE 0·5	SW 6	8	8	·050	Dull day.
4	·55	·59	40·6	42·7	37·3	43·0	3·1	3·4	·193	·205	76	75	SW 4	SW 4	3	7	—	
5	·74	·89	42·6	44·7	41·0	50·8	4·9	1·0	·180	·273	66	93	SW 2	W 0·5	6	10	—	Fair and clear *a*. Dull and cloudy *p*.
6	·86	·90	43·4	42·5	40·7	49·8	2·2	3·9	·234	·195	83	73	W 1	SW 0·5	8	7	—	Fine day.
7	·72	·78	48·8	44·6	40·8	53·2	2·3	7·1	·290	·162	84	55	SW 4	SW 4	8	0	—	Fine day.
8	·91	·86	41·7	45·6	38·3	48·9	4·2	2·7	·185	·246	71	81	SW 1	SW 4	1	8	—	Fine day.
9	·59	·63	45·3	36·0	34·2	51·3	2·6	3·1	·245	·156	81	73	SW 6	SW 4	8	10	·160	Fine *a*. Dull *p*.
10	·79	·92	34·4	38·4	32·3	40·2	1·5	2·0	·169	·193	85	84	NW 6	NW 0·5	10	0	·110	✳ ● (sleet) ✳
11	·72	·55	40·9	44·6	35·0	45·5	3·2	2·6	·194	·237	77	80	SW 6	SW 4	7	9	—	Fine day.
12	·39	·19	43·6	44·3	41·6	45·8	2·9	2·6	·222	·235	78	80	SW 4	SW 10	8	10	—	Fine day. Dull at night.
13	·32	·44	38·6	37·6	34·2	44·4	3·5	2·9	·170	·172	73	77	SW 4	SW 4	5	7	—	Fine day.
14	·22	·11	40·7	42·9	36·2	46·8	3·2	2·4	·192	·226	76	83	SW 6	SW 4	8	10	·040	Gusty, with ● 0 showers.
15	·04	·11	39·9	33·5	32·0	43·2	3·4	2·6	·182	·140	74	73	SW 6	SW 2	7	7	·060	✳ showers.
16	·07	·18	30·0	26·0	24·4	34·4	1·1	1·3	·138	·099	82	70	SW 2	SW 0·5	7	4	·040	✳ showers.
17	·42	28·71	28·7	25·7	25·7	34·1	1·0	1·0	·129	·107	82	77	N 2	NE 2	5	9	·020	✳ showers.
18	28·91	29·07	26·5	26·4	23·4	33·2	0·8	0·7	·119	·121	83	85	NE 0·5	N 0·5	6	0	—	Fair and frosty.
19	29·07	·06	32·7	34·6	17·3	48·7	1·0	0·7	·165	·187	88	94	SW 0·5	W 0·5	4	0	—	Fine day.
20	·03	·07	43·6	39·6	31·3	52·0	1·3	1·1	·255	·221	89	91	SW 0·5	SW 0·5	7	0	—	Fine day.
21	·04	·06	35·7	38·8	27·0	53·4	1·0	2·3	·192	·192	91	82	SW 0·5	SW 0·5	5	0	—	Fine day.
22	29·01	·01	43·3	37·0	27·8	57·8	4·8	2·1	·186	·180	66	82	SW 0·5	SW 0·5	2	0	—	Fine day.
23	28·97	·02	31·0	40·4	23·7	58·2	0·6	2·9	·158	·194	90	78	SW 0·5	W 0·5	0	0	—	Fine day.
24	29·08	·16	35·4	42·0	26·3	60·3	3·7	2·5	·142	·216	68	82	SW 0·5	SW 0·5	4	3	—	Fine day.
25	·17	·16	39·7	46·6	27·8	61·0	2·0	4·4	·205	·222	84	70	SW 0·5	SW 0·5	1	3	—	Fine day.
26	·15	·11	38·0	46·3	30·3	58·0	1·0	2·2	·208	·263	91	85	SW 0·5	NE 0·5	2	8	—	Fine day.
27	·11	·08	36·4	34·4	33·7	46·3	0·5	1·9	·206	·162	96	81	NE 0·5	NE 0·5	10	6	·020	Dull and damp *a*. Clear *p*.
28	29·05	29·02	36·7	34·6	25·3	51·4	1·8	1·2	·184	·177	85	88	SE 0·5	SW 0·5	0	0	—	Fine and clear.
29	28·88	28·76	36·7	41·8	22·6	57·3	5·0	3·3	·133	·200	61	77	S 0·5	SW 0·5	6	6	—	Fine and clear.
30	·65	·54	46·9	40·6	35·3	53·3	5·4	2·9	·207	·197	65	78	SW 2	SW 0·5	7	7	—	Fine and clear. ☿
31	28·38	28·44	44·6	41·6	35·8	51·0	2·1	2·9	·248	·206	84	79	SW 4	SW 1	8	8	—	Dull and damp.
Mean	28·730	28·743	38·2	38·6	30·8	48·0	2·4	2·4	·187	·190	80·2	80·2	2·2	1·9	5·7	5·2	0·570	

LAUDALE.—MARCH 1893.

Height above Mean Sea Level, 14 feet. Heights above Ground:—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 41′ W. Lat. 56° 41′ N. Gravity Correction, + ·031 in.

1	29·32	29·19	39·7	41·0	34·0	41·2	4·5	1·5	·161	·225	66	88	ESE 6	SSE 4	10	10	·200	Stormy till 7*p*. ✳ ● (sleet) at times.
2	29·71	30·02	39·0	40·6	35·5	46·0	0·5	5·6	·228	·184	96	72	Calm 0	Calm 0	10	1	—	≋0 (mist) 9*a*. Day fine and mild. ☿
3	30·00	29·77	43·0	49·9	36·2	50·2	5·5	1·9	·174	·310	62	87	SE 8	S 2	10	10	·400	Squally ✓ (gale) till 6*p*. Warm night.
4	29·79	29·91	46·5	49·0	42·0	53·2	3·5	3·0	·238	·276	76	79	W 3	W 5	8	10	·130	● 2 showers. Warm.
5	30·02	30·16	50·0	48·2	45·0	52·3	1·0	1·2	·334	·307	93	92	W 3	Calm 0	10	10	·160	✓ *a*. ≋0 (mist) *a.* and *p*. ● 0.
6	·06	·17	48·9	47·0	44·2	50·5	3·9	2·0	·256	·275	74	86	Calm 0	Calm 0	10	10	·290	● till 10*a*. ≋0 (mist) all day. Warm.
7	·09	·22	49·9	46·7	44·0	52·9	1·4	2·7	·323	·257	91	81	W 7	W 3	10	10	·030	≋0 (mist) ● *a*.
8	30·32	30·12	47·7	47·7	42·0	50·0	2·0	1·7	·264	·289	81	88	W 4	Calm 0	7	10	·190	≋0 (mist) ● *p*.
9	29·89	29·95	49·0	42·2	37·5	50·0	2·0	4·2	·298	·188	86	71	W 6	N 7	10	2	·140	✓ ● *a.* and *p*. Cold *p*., with N. wind.
10	30·14	30·19	43·3	44·0	37·7	47·3	3·8	3·3	·203	·218	73	75	N 5	NW 4	8	8	·020	▲2 *n*. Fine day. ⊕ *p*. < at night.
11	29·93	29·79	46·8	47·9	40·4	48·2	1·9	1·9	·275	·286	86	87	W 4	W 6	10	8	·090	Squally ✓ ● 0.
12	·57	·41	46·5	44·9	43·7	48·0	1·9	0·9	·272	·276	86	93	W 3	W 6	10	10	·170	≋0 (mist) ● 0 all day. Squally.
13	·60	·65	44·0	44·5	39·7	47·3	3·1	4·5	·222	·201	76	68	NW 4	NW 2	7	7	·070	● 0 showers.
14	·45	·38	46·0	47·7	39·0	49·5	2·5	2·7	·255	·267	83	81	W 6	W 7	10	10	·380	Squally ✓ ● showers. Warm.
15	·32	·32	41·7	36·3	34·0	48·0	2·2	1·8	·219	·181	84	85	NW 9	NW 4	10	10	·290	✓ 2 *p*.–4*p*. ● 2 ▲2 and ✳ ●
16	·34	·41	32·0	34·0	29·5	41·2	1·0	2·0	·157	·156	87	79	N 3	N 3	10	5	·140	✳2 *n.* and *a*. ✢. Very cold. Sunny
17	29·69	29·97	34·1	32·0	27·7	39·1	4·1	2·0	·122	·137	62	75	Calm 0	Calm 0	10	0	·070	✳ *n.* and *a*. ✢2. [*p*.
18	30·19	30·42	35·2	30·7	27·1	39·9	3·2	0·8	·147	·151	71	88	N 1	Calm 0	2	0	—	Day bright. ✳ *p*. Remarkable
19	·33	·30	35·7	42·2	28·3	45·0	2·5	1·8	·163	·231	78	87	E 1	SE 1	10	10	·020	✳ *a*. [meteor 6.20*p*.
20	·31	·25	44·5	45·2	39·0	55·1	0·5	3·0	·281	·235	96	78	Calm 0	Calm 0	10	0	—	≋0 (mist) ● 0 *a*. Day very fine.
21	·18	·21	45·2	46·0	38·7	57·9	3·8	3·3	·221	·238	73	77	E 3	E 1	1	1	—	≋ *n*. Day very fine and warm.
22	·20	·16	49·5	51·2	37·5	57·2	4·7	6·2	·246	·234	70	62	E 2	ESE 2	2	0	—	Very fine and warm. ∞ 9*p*.
23	·14	·19	46·7	46·3	42·0	60·0	4·2	3·3	·227	·241	72	77	E 1	Calm 0	0	2	—	Very fine and warm. ∞
24	·25	·30	52·5	52·0	40·3	60·3	5·5	4·7	·261	·272	66	71	Calm 0	SE 1	6	2	—	Very fine day. ∞
25	·35	·36	53·0	49·0	42·7	56·0	3·0	1·1	·322	·320	80	92	Calm 0	Calm 0	10	10	·140	Very fine and mild. ∞
26	·30	·23	46·9	52·7	42·1	60·3	1·2	5·7	·293	·260	92	65	Calm 0	SE 1	10	0	·020	Very fine from 10*a*. ♊
27	·23	·20	47·0	43·5	39·0	57·7	2·8	4·2	·257	·197	80	70	E 4	E 4	2	0	—	
28	·17	30·12	46·3	50·0	38·0	56·7	6·3	6·0	·187	·226	59	63	ESE 1	Calm 0	0	0	—	Very fine day.
29	30·04	29·88	51·7	52·0	38·7	60·1	4·7	1·0	·269	·361	70	93	S 1	W 1	2	10	·030	Very fine and warm. Sky very red *p*.
30	29·83	·68	49·9	47·0	43·0	57·2	3·9	2·7	·266	·260	74	81	S 1	Calm 0	2	8	—	Cloudy and mild. ☿ *p*.
31	29·51	29·61	49·2	46·8	40·2	57·7	2·7	4·0	·285	·231	82	73	S 3	SW 2	10	10	·490	● most of day.
Mean	29·944	29·952	45·2	45·1	38·4	51·5	3·1	2·9	·240	·242	78·2	79·5	2·9	2·1	7·3	5·9	3·470	

DUNDEE.—MARCH 1893.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 9 inches. Rain-gauge, 1 foot.
Long. 2° 56′ W. Lat. 56° 28′ N. Gravity Correction, + ·030 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity. Dep. of Wet.		Humidity. Vapour Tension.		Humidity. Per-centage.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·27	29·18	35·5	33·7	30·2	36·7	1·0	0·8	·189	·178	91	91	SE 8	W 1	10	10	·220	✳ ● (sleet) 8.30*a*.—noon. ● from [7*p*.
2	29·54	·97	38·0	31·2	30·4	44·7	1·2	0·6	·204	·160	89	91	NW 1	NW 1	10	0	—	Cloudy till noon.
3	30·04	·71	36·5	39·2	29·3	39·2	1·1	0·5	·195	·230	91	96	SE 2	SE 1	10	10	·180	● showers from noon.
4	29·63	·66	44·5	47·1	38·1	48·8	1·8	5·0	·253	·215	87	67	W 2	W 2	7	10	—	Cloudy day.
5	·81	·95	47·2	49·8	46·2	55·4	4·7	2·3	·222	·300	69	85	W 1	W 1	5	10	—	Cloudy day.
6	·94	·97	44·8	45·2	43·7	53·7	0·7	2·7	·280	·241	95	81	SW 1	W 2	10	5	·040	Cloudy day.
7	29·84	·96	50·1	45·6	43·3	58·8	1·7	3·9	·318	·223	88	73	W 6	W 6	10	0	—	Cloudy till 11*a*.
8	30·04	·90	44·9	46·9	40·6	53·5	2·6	1·4	·240	·288	81	91	W 1	W 8	5	10	—	Dull from 1*p*.
9	22·68	29·69	47·9	39·4	38·2	56·5	2·4	3·4	·276	·177	84	74	W 8	W 8	5	7	·030	Stormy *n*., and during day.
10	·82	30·01	39·9	40·1	32·0	46·7	2·2	2·6	·203	·197	83	79	NW 8	NW 2	0	0	—	✓ (gale) till 4*p*.
11	·75	29·60	42·1	45·5	38·2	45·8	1·6	1·5	·234	·270	88	89	W 6	W 4	10	10	—	Dull day.
12	·45	·24	43·8	45·0	42·5	48·4	1·4	1·2	·255	·279	88	91	W 6	W 2	10	10	·030	Dull day.
13	·39	·48	42·8	40·1	37·8	49·9	4·3	1·1	·192	·225	69	91	W 2	W 1	7	5	—	Fine day.
14	·28	·19	42·5	45·8	38·3	48·6	2·0	1·3	·230	·279	85	91	SW 4	SW 8	10	10	—	Cloudy day. ✓ (gale) at times from
15	·09	·16	46·7	37·5	37·1	49·1	3·4	2·1	·242	·184	77	82	SW 10	W 4	7	0	·490	✓ (gale) till 6*p*. [10*a*. ♊
16	·14	·25	32·5	29·7	28·3	37·8	1·1	0·8	·161	·144	87	87	W 2	W 2	5	5	·010	● ✳ (3 ins. deep) in past *n*.
17	29·48	29·79	35·5	30·1	28·8	39·8	2·0	0·7	·154	·148	74	89	NW 2	E 2	5	0	—	Dull day.
18	30·00	30·17	33·4	31·5	26·4	37·5	0·4	0·4	·183	·166	96	94	NW 1	N 1	5	5	—	Fine day.
19	·16	·10	33·5	38·0	26·5	45·7	1·8	0·3	·155	·231	81	98	W 1	W 2	5	0	—	Fine day.
20	·11	·11	45·2	43·8	34·2	55·7	0·6	0·6	·287	·271	96	96	W 1	W 1	5	0	—	Fine day.
21	·12	·11	41·5	41·6	32·1	54·4	0·8	0·1	·245	·261	94	99	W 1	W 1	5	10	—	Fine day. ≋0 (mist) from 3*p*.
22	·07	·01	42·7	41·8	31·0	59·1	3·2	0·2	·209	·260	77	98	SW 1	SW 1	0	0	—	Fine day. ∞ at times.
23	·02	·04	40·6	42·8	30·8	60·6	0·9	0·3	·234	·268	93	98	SE 1	W 1	0	10	—	Fine till 4*p*., then cloudy, with ≋0
24	·14	·20	39·1	44·6	32·2	62·7	0·4	2·2	·231	·245	97	83	SW 1	W 1	0	7	—	≋ *a.* and *p*. Fine day. [(mist).
25	·23	·19	42·7	47·2	32·4	64·9	0·8	1·7	·257	·285	93	89	SW 1	SW 1	0	5	—	≋ till 10*a*., then fine.
26	·16	·13	45·7	40·7	34·0	56·8	0·4	0·2	·299	·250	97	98	W 1	SE 1	0	0	·020	Fine day.
27	·11	·16	40·4	39·2	37·3	44·6	0·3	0·5	·244	·230	98	96	NE 4	E 2	10	10	—	Dull day.
28	30·12	30·03	41·8	38·4	34·4	45·9	1·7	0·4	·229	·224	87	97	SE 1	SE 1	5	10	—	Fine day.
29	29·93	29·76	35·9	39·4	31·8	48·8	0·4	0·9	·204	·224	97	93	SE 1	SE 1	10	10	—	≋ till 10*a*. Dull day.
30	·67	·56	48·6	45·6	34·9	57·7	2·8	2·1	·276	·259	81	85	SW 1	W 1	5	10	—	Cloudy day.
31	29·43	29·47	49·6	45·2	37·3	52·7	2·6	0·9	·291	·280	82	93	SW 2	SW 2	10	10	·030	Dull day. ● 0 from 6.30 *p*.
Mean	29·789	29·797	41·8	41·1	34·8	50·3	1·7	1·4	·232	·232	86·9	89·2	2·8	2·3	6·0	6·1	1·050	

GLASGOW.—MARCH 1893.

Height above Mean Sea Level, 180 feet. Heights above Ground:—Bar., 4 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 4° 18′ W. Lat. 55° 53′ N. Gravity Correction, + ·029 in.

1	29·16	29·07	31·8	35·3	31·0	37·9	0·3	0·3	·173	·201	96	97	NE 1	N 1	10	10	·350	✳2*a*. Overcast. ● 2 in evening.
2	·57	·94	39·4	39·2	35·2	44·1	1·1	2·3	·220	·195	91	81	W 1	E 1	10	0	·010	∞ in evening. ☿
3	·95	·67	36·9	45·8	34·9	45·9	1·3	0·7	·194	·291	89	95	NE 1	SW 1	10	10	·320	Overcast, with ● 2.
4	·68	29·74	45·7	46·1	44·6	48·9	2·9	2·0	·243	·266	80	86	SW 2	SW 4	7	8	—	Cloudy, with squally ✓.
5	·85	30·02	48·2	47·7	45·6	52·1	1·1	0·9	·310	·309	93	94	SW 1	W 2	10	10	—	Overcast.
6	·05	·02	45·0	45·0	43·7	51·1	1·0	2·1	·275	·251	92	84	SW 2	SW 1	10	10	·040	Overcast *a.* and *p*. ● 0 *p*.
7	29·95	30·05	49·4	44·6	44·6	52·9	1·3	2·7	·320	·236	91	80	SW 2	W 1	10	2	—	Overcast *a*. Fine and clear *p*.
8	30·09	29·97	45·9	46·5	42·1	50·1	2·2	2·1	·260	·268	85	85	SW 1	SW 3	8	10	—	
9	29·76	29·79	46·3	39·4	39·0	59·7	1·3	2·7	·283	·190	91	79	SW 3	W 2	10	1	·084	Cloudy *a*. ● shower in afternoon.
10	·95	30·06	42·0	42·3	37·6	47·8	3·1	2·5	·205	·218	77	82	NW 2	SW 2	6	8	—	Fine and clear. [Fine and clear *p*.
11	·81	29·66	42·1	45·7	40·8	45·7	2·2	2·5	·222	·251	83	82	SW 2	SW 3	10	10	—	Overcast and squally.
12	·49	·26	43·6	46·0	42·9	47·6	2·4	1·7	·232	·272	82	88	S 1	SW 3	10	6	—	Cloudy and squally.
13	·45	·50	43·0	41·1	37·0	48·1	3·7	2·3	·202	·210	73	82	W 2	SW 2	3	2	—	Fine day. Cloudy evening.
14	·36	·24	42·9	46·7	38·1	48·5	2·9	2·4	·216	·264	79	83	S 2	W 7	10	4	·050	Cloudy, with squally ✓.
15	·22	·19	45·3	38·9	36·8	48·2	2·5	1·9	·247	·200	82	85	SW 3	SW 2	6	10	·240	✓ (gale). ● 0 showers. ⌒
16	·19	·31	33·2	30·1	30·1	41·3	1·1	0·2	·167	·162	88	97	W 1	W 1	10	4	·107	♋ 2*a*. ▲2 ✳2 showers.
17	29·51	29·78	35·8	31·8	29·8	38·5	3·6	0·8	·146	·160	69	90	NE 1	W 1	4	3	—	
18	30·04	30·17	34·2	32·6	29·2	39·2	3·5	2·2	·135	·140	67	75	W 1	NW 1	5	0	—	Fine and clear.
19	·19	·15	31·7	39·4	28·0	40·0	1·4	0·5	·147	·232	81	96	N 1	W 1	10	10	—	Dull and overcast.
20	·15	·12	45·6	42·1	39·4	49·0	1·7	1·2	·268	·242	87	90	W 1	SW 1	10	0	—	Dull and overcast *a*. Fine *p*.
21	·11	·09	37·6	43·9	33·1	54·3	1·3	2·5	·200	·233	89	81	Calm 0	W 1	0	0	—	⌊ ≋0 (mist), then fine and clear.
22	·06	·00	40·4	44·2	34·4	56·9	3·1	2·1	·190	·244	76	84	NE 1	SW 1	3	0	—	⌊ ≋0 (mist), then fine and clear.
23	·02	·03	36·9	45·9	34·6	57·9	1·4	2·7	·193	·249	89	81	E 1	NW 1	0	0	—	⌊ ≋0 (mist), then fine and clear.
24	·13	·18	39·4	48·2	34·6	60·9	1·4	2·6	·214	·274	89	82	E 1	Calm 0	0	0	—	⌊ ≋0 (mist), then fine and clear.
25	·23	·18	38·3	47·1	35·3	60·5	2·0	3·1	·211	·252	92	78	Calm 0	S 1	0	4	—	≋0 (mist), then fine and clear. ∞ *p*.
26	·12	·09	42·8	42·8	38·7	56·5	2·4	0·9	·225	·256	82	93	Calm 0	E 1	7	10	—	∞ 0 *a*. Fine day. Overcast evening.
27	·05	30·05	40·5	39·8	39·6	46·9	1·5	1·9	·220	·208	88	85	NE 1	E 2	10	0	—	Dull and overcast *a*. Fine *p*.
28	30·05	29·97	40·0	40·7	35·4	50·0	2·5	1·7	·198	·218	80	86	E 2	E 2	1	0	—	Fine and clear.
29	29·90	·75	37·7	49·3	32·2	60·0	1·2	6·1	·203	·218	90	62	E 1	SW 1	10	4	—	∞ 0. Fine and clear.
30	·68	·53	48·2	45·9	42·9	54·0	3·8	1·8	·249	·268	74	88	W 1	S 1	8	7	—	☿
31	29·40	29·49	50·2	43·4	43·2	51·2	3·8	0·9	·271	·262	75	93	S 2	SW 1	10	10	·195	Overcast. ● 2 in afternoon.
Mean	29·808	29·808	41·3	42·5	37·2	49·6	2·1	1·9	·221	·234	83·9	85·3	1·3	1·7	7·0	4·9	1·396	

WOLFELEE.—MARCH 1893.

Height above Mean Sea Level, 587 feet. Heights above Ground:—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 6 inches.
Long. 2° 39′ W. Lat. 55° 23′ N. Gravity Correction, + ·025 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	28·73	28·68	31·8	41·0	31·0	41·5	0·6	0·9	·166	·237	92	93	SSW 6	SW 3	10	8	·400	✓ ✳ a. Fine and blowy p.
2	29·08	29·44	39·5	33·0	33·0	42·8	2·4	0·2	·196	·183	81	97	NW 0·5	E 2	10	2	·010	Dull a. Clear and frosty p.
3	·51	·28	37·0	43·0	28·0	43·5	1·8	0·9	·186	·257	85	93	SSE 3	SSW 6	10	10	·400	Dull a. Dull and blowy, with ● [showers p.
4	·25	·31	45·0	44·0	42·5	49·8	1·9	1·9	·255	·246	86	85	NW 3	SW 2	9	9	·020	Dull, with ● showers.
5	·38	·52	49·4	48·5	44·0	53·0	2·3	1·9	·295	·294	85	86	SW 2	SW 6	8	10	—	Fine a. Dull and blowy p.
6	·50	·56	45·0	42·0	41·0	49·8	2·4	1·9	·245	·227	82	86	SW 0·5	SW 0·5	5	3	·060	Fine, fresh and clear.
7	·48	·56	47·5	45·0	38·0	52·0	1·4	2·4	·294	·245	90	82	SW 3	NW 2	10	2	—	Dull a. Fine and clear p.
8	·60	·50	43·5	46·5	40·0	53·5	2·9	1·9	·221	·272	78	86	WNW 0·5	W 2	3	10	—	Fine and mild a. Dull p.
9	·34	·32	44·2	38·5	38·0	50·0	2·6	1·9	·234	·196	80	85	W 6	NW 6	8	5	—	Cold and blowy.
10	·41	·59	41·5	38·5	37·0	48·8	3·4	1·9	·195	·196	75	85	NW 7	NW 3	2	5	—	Cold and blowy a. Fine and clear p.
11	·40	29·24	41·5	39·5	37·0	46·0	3·9	2·4	·187	·196	72	81	SW 8	SW 8	6	10	—	Cold and blowy.
12	·07	28·86	43·0	45·5	39·0	47·8	1·9	1·9	·236	·261	85	86	SW 7	SW 6	8	10	—	Cold and blowy a. Dull and blowy p.
13	29·01	29·06	41·5	34·0	33·5	49·0	3·9	1·9	·187	·158	72	80	NW 3	NW 0·5	5	0	—	Fine, clear and cold.
14	28·93	28·87	41·0	40·0	33·0	45·5	2·9	2·4	·199	·200	78	81	SW 5	SW 6	6	8	—	Cold and blowy a.
15	·78	·79	46·0	38·0	27·0	50·0	2·9	1·7	·246	·195	80	85	SW 8	SW 5	9	5	·170	Blowy, with ✳ during day. ● showers
16	28·78	28·88	34·0	31·0	29·0	42·0	2·2	1·2	·152	·143	78	82	NW 4	NW 6	10	10	·110	● showers a. and p. ✓ p. [p.
17	29·01	29·31	32·5	26·5	26·0	40·0	0·7	0·7	·170	·122	91	85	W 0·5	NW 0·5	2	0	·020	Clear and frosty.
18	·51	·63	31·0	26·0	24·5	42·0	0·2	0·2	·168	·134	96	95	NNW 2	NW 0·5	0	0	—	Clear and frosty.
19	·71	·67	36·5	37·0	20·5	42·0	0·7	0·7	·202	·206	94	94	W 0·5	SW 0·5	0	10	—	Clear and frosty a. Dull p.
20	·68	·66	42·5	36·0	34·5	44·5	1·4	0·7	·241	·199	89	94	SW 1	SE 0·5	9	0	—	Fine and clear p.
21	·60	·63	42·5	39·0	30·0	57·5	2·4	3·4	·222	·174	82	74	W 1	SW 0·5	2	0	—	Fine, bright and clear.
22	·61	·55	45·8	35·5	33·0	62·0	4·7	1·2	·210	·185	69	89	SW 0·5	SW 0·5	0	2	—	Fine and bright.
23	·55	·59	48·5	36·0	30·0	62·0	4·4	1·2	·241	·189	71	89	W 0·5	SW 0·5	0	0	—	Fine, bright and clear.
24	·67	·71	49·0	42·0	30·5	66·0	4·0	0·9	·237	·247	68	93	SW 0·5	N 0·5	0	0	—	Very fine and clear.
25	·75	·72	46·0	36·0	34·0	70·0	3·4	1·2	·236	·189	77	89	NE 0·5	SW 0·5	0	0	—	Very fine and clear.
26	·66	·60	40·5	41·0	30·0	56·0	1·9	0·6	·213	·244	85	95	NE 0·5	NE 0·5	0	10	·060	Very fine a. ≋ 9 (mist) p.
27	·57	·61	39·0	38·0	37·0	46·8	0·4	1·7	·230	·195	97	85	W 0·5	NE 0·5	10	7	—	
28	·59	·52	41·0	35·5	32·5	59·0	1·9	1·2	·217	·185	85	88	NE 0·5	SW 0·5	0	0	—	Fine and clear.
29	·45	·34	40·5	41·0	24·0	63·5	3·9	1·4	·178	·227	70	89	W 0·5	W 3	2	2	—	Fine and frosty a. Fine and mild p.
30	·21	·13	50·5	48·5	39·0	56·0	1·9	1·4	·319	·306	87	90	SW 4	SW 2	6	3	—	Fine and blowy p.
31	29·01	29·03	46·5	46·5	41·0	56·0	1·9	1·4	·272	·283	86	90	SW 3	SW 1	8	10	—	Fine, frosty and blowy a.
Mean	29·348	29·360	42·1	39·1	33·5	51·2	2·4	1·5	·221	·213	82·1	87·5	2·7	2·5	5·1	4·9	1·250	

SCARBOROUGH.—MARCH 1893.

Height above Mean Sea Level, 159 feet. Heights above Ground:—Bar., 1 foot. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 23′ W. Lat. 54° 17′ N. Gravity Correction, + ·025 in.

1	29·28	29·27	39·5	41·5	36·0	47·0	0·0	0·5	·242	·251	100	96	SW 4	SW 5	10	8	·060	● showers.
2	29·53	·95	45·8	38·5	37·0	45·8	1·3	0·5	·277	·223	91	96	SSW 3	NW 2	8	0	—	Dull and threatening a. Fine p.
3	30·08	·91	40·2	42·5	36·0	42·5	0·5	0·0	·238	·272	96	100	NE 2	N 3	10	6	·090	● 0 showers in afternoon.
4	29·80	·82	48·0	45·0	42·4	51·0	0·5	0·5	·322	·287	97	96	W 2	NW 3	3	6	—	
5	29·83	29·95	52·5	51·0	42·0	52·5	1·5	1·5	·355	·335	89	90	NW 3	NW 3	2	2	—	Brilliant day.
6	30·01	30·05	47·0	42·5	41·0	51·0	0·5	0·5	·309	·261	97	96	W 2	NW 3	10	0	·010	Dull till 10a., then brilliant.
7	29·93	29·94	46·0	48·0	39·0	52·0	0·0	1·5	·311	·298	100	90	W 2	SW 2	4	4	—	Threatening, then fine and warm.
8	30·05	30·04	50·5	45·0	42·0	54·0	4·0	1·0	·270	·275	74	92	W 1	NW 3	6	4	—	Cloudy, then brilliant.
9	29·82	29·79	45·2	43·0	40·0	53·0	1·2	2·6	·284	·223	92	80	W 2	NE 6	2	0	—	Brilliant all day,
10	·90	30·08	45·4	41·4	39·0	48·0	3·1	2·2	·235	·215	78	83	NW 3	NW 2	2	0	—	Brilliant all day.
11	·97	29·77	42·0	42·0	35·0	43·0	1·1	1·8	·242	·229	91	86	W 4	W 4	10	6	—	Squally ✓ all day.
12	·64	·41	44·4	46·2	36·5	62·0	4·4	2·8	·201	·250	69	81	W 1	W 1	1	0	—	Very fine and warm.
13	·47	·56	47·0	40·1	38·0	51·0	1·0	1·6	·298	·215	93	87	SW 2	W 2	2	0	—	Very fine and warm.
14	·48	·43	40·0	43·0	35·0	52·0	1·5	0·5	·217	·287	88	96	SW 1	NW 6	1	6	—	Very fine and warm.
15	·39	·35	47·0	46·0	43·0	51·0	0·0	1·0	·323	·287	100	93	NW 2	SW 2	10	0	·010	Cloudy, then very fine.
16	·27	·38	40·0	33·5	33·0	46·0	0·0	0·5	·247	·181	100	94	W 2	W 4	3	2	·010	▲ ✳ 0 showers.
17	·41	29·73	57·0	33·0	29·0	41·0	1·0	0·0	·200	·188	91	100	NW 5	NW 3	3	2	—	
18	29·94	30·14	34·0	34·0	29·0	36·0	0·0	1·0	·196	·175	100	89	W 5	W 3	4	0	—	
19	30·20	·17	43·0	39·5	33·0	47·0	1·0	0·5	·255	·231	92	96	W 1	NW 1	0	0	—	Brilliant all day.
20	·17	·18	42·0	44·2	35·0	49·0	0·0	0·7	·267	·274	100	95	SW 1	W 3	3	0	—	Brilliant all day.
21	·16	·11	43·5	48·0	36·0	62·0	0·5	1·5	·271	·298	96	90	SW 1	Calm 0	0	0	—	Brilliant all day.
22	·12	·07	48·4	45·0	40·0	61·5	0·6	1·5	·324	·264	96	89	S 1	SSE 1	0	0	—	Brilliant all day.
23	·07	·08	44·4	50·8	37·2	62·0	1·4	3·3	·261	·288	89	78	NW 1	Calm 0	0	0	—	Brilliant all day.
24	·15	·27	43·0	48·2	38·2	56·0	1·2	3·2	·251	·262	90	78	Calm 0	Calm 0	0	0	—	≋ 0 a. Brilliant afternoon.
25	·26	·20	46·8	45·2	42·0	61·4	2·5	2·7	·262	·241	82	81	Calm 0	Calm 0	0	0	—	Brilliant.
26	·13	·03	45·8	40·4	38·0	52·2	2·6	0·0	·249	·251	81	100	SW 1	SW 1	0	10	—	Brilliant till 6p., then ≋.
27	·03	·08	43·4	41·2	39·0	44·0	0·6	0·8	·268	·241	95	94	NE 2	NE 2	6	2	—	
28	30·06	30·04	41·8	38·2	34·2	47·0	0·3	1·8	·259	·195	97	85	E 1	NE 1	0	0	—	Brilliant day.
29	29·97	29·90	44·0	43·2	33·0	52·6	1·0	0·7	·265	·264	92	94	E 1	NE 1	2	0	—	Brilliant day. U 9p.
30	·72	·63	49·5	48·2	38·2	55·4	5·5	3·4	·231	·258	65	77	NE 1	Calm 0	2	3	—	Brilliant day. U 9p.
31	29·56	29·58	48·8	49·0	41·5	61·0	3·3	2·5	·267	·286	77	83	SW 2	SW 1	7	0	—	Brilliant day. U 9p.
Mean	29·852	29·868	44·4	43·2	37·4	51·3	1·4	1·4	·264	·252	90·3	89·8	1·9	2·2	3·6	2·0	0·180	

CRONKBOURNE (DOUGLAS), ISLE OF MAN.—MARCH 1893.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29′ W. Lat. 54° 10′ N. Gravity Correction + ·024 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·12	29·28	42·3	47·8	36·0	52·2	0·1	0·6	·267	·314	99	95	NE 2	WSW 7–8	10	10	·223	● 2 till 11a. Squally ✓ ● 0 at night.
2	·67	·91	48·4	45·9	45·2	52·3	1·0	1·9	·315	·266	93	87	WNW 7	ENE 2	7	10	·102	Squally ✓ a. Cloudy day. ● 0 n.
3	·96	·82	41·8	46·7	40·2	46·7	0·5	0·0	·254	·319	96	100	SE 4–5	SSW 4–5	10	10	·408	Overcast, with ● ≋ 0 (mist).
4	29·88	29·95	47·7	46·8	44·6	51·0	2·4	2·8	·274	·255	83	80	W 4–5	WNW 4	0	6	·003	Fine day.
5	30·01	30·13	50·3	47·8	46·0	51·4	1·5	1·6	·326	·293	90	88	WNW 4	WSW 4–5	10	10	—	Overcast.
6	·09	·14	47·3	45·0	43·8	49·9	1·5	1·2	·289	·271	90	91	WSW 4	WSW 2	9	4	·153	● a. Fine afternoon.
7	·12	·18	48·8	46·0	43·0	52·3	0·8	2·1	·325	·263	94	85	W 3–4	W 3	10	1	·010	Cloudy, with ● 0 showers.
8	30·20	30·11	46·3	46·0	39·0	51·9	1·9	1·8	·270	·269	87	87	NW 2	WSW 3	1	7	—	⛀ a. Fine a. Cloudy afternoon.
9	29·97	29·97	48·4	43·4	42·3	51·4	3·0	3·4	·269	·211	80	75	W 4	NW 5–6	7	2	—	Dull day. Squally ✓ at night.
10	30·10	30·19	44·1	42·1	39·2	48·8	2·9	0·3	·227	·262	77	97	NW 5–6	NW 2	1	4	—	Squally ✓ a. Fine day.
11	30·12	29·85	45·4	43·8	37·0	48·0	1·9	0·8	·260	·267	87	94	WSW 4–5	WSW 3	3	3	—	✓ a. Very fine.
12	29·62	·45	47·8	47·0	43·0	49·9	2·0	1·2	·283	·293	86	92	SSW 5–6	WSW 3	6	10	—	Squally ✓ a. Dull afternoon.
13	·57	·62	49·2	36·0	34·0	50·6	5·2	0·5	·233	·203	66	96	N 1	Calm 0	1	1	·001	Very fine. ⛀ 2 p.
14	·56	·51	43·7	46·2	31·3	48·0	0·2	1·2	·281	·285	98	92	W 4	W 5–6	10	10	·010	● 0 showers a. Cloudy day. Squally
15	·45	·40	46·0	44·0	43·0	50·2	0·8	1·1	·292	·263	94	91	WSW 5	WSW 3	10	3	·034	✓ ● showers a. [✓ ● showers n.
16	·38	·52	40·0	37·6	35·7	45·2	0·8	0·6	·230	·213	94	95	W 5–6	W 5–6	8	3	·012	● showers a. Squally ✓ · ✳
17	29·63	29·91	38·8	38·8	33·0	41·0	1·4	1·0	·209	·217	89	92	WNW 7–8	WNW 6	7	8	·046	Squally ✓ ✳ showers. [showers p.
18	30·11	30·23	41·4	33·0	31·4	43·5	1·2	1·2	·235	·163	91	86	N 3	NNW 1	3	2	—	Very fine. ⛀ p.
19	·26	·23	41·0	43·0	29·0	46·2	1·0	1·0	·235	·255	92	92	S 2	W 1	10	10	—	Dull day.
20	·25	·19	46·8	38·0	35·8	52·0	0·8	0·2	·301	·224	94	98	SSW 2	SSW 1	7	6	—	Fine day. ⛀ p.
21	·17	·16	48·6	36·0	31·2	55·6	2·4	1·0	·285	·193	83	91	SE 2	NNE 1	2	0	—	≋ 0 (mist) a. Very fine.
22	·12	·06	49·8	37·0	30·4	56·0	3·6	1·0	·271	·200	76	91	ESE 2	N 1	0	0	—	⛀ 2 ≋ 0 (mist) a. Very fine.
23	·07	·11	50·0	38·2	32·0	56·3	3·0	1·2	·286	·206	80	90	ESE 2	NNW 1	0	0	—	⛀ 2 ≋ 0 (mist) a. Very fine.
24	·18	·23	50·3	39·9	33·1	58·9	3·3	0·9	·283	·227	78	93	SE 2	Calm 0	0	0	—	⛀ 2 ≋ 0 (mist) a. Very fine. ⛀ p.
25	·28	·23	53·6	40·3	33·0	59·9	3·5	1·2	·318	·225	77	91	SE 1	Calm 0	0	0	—	⛀ 2 ≋ 0 (mist) a. Very fine. ⛀ p.
26	·13	·04	49·0	42·0	36·0	56·0	3·7	1·0	·261	·245	75	92	Calm 0	NNW 1	0	0	—	⛀ ≋ 0 (mist) a. Very fine. ⛀ p.
27	·02	30·01	43·8	43·2	40·0	48·3	2·8	2·0	·226	·236	78	85	E 3	E 4	10	2	—	Dull a. Fine afternoon.
28	30·01	29·97	46·4	46·0	39·4	55·3	4·4	3·6	·221	·233	71	76	E 5	E 3	0	0	—	✓ ≋ 0 (mist) a. Very fine. ⛀ p.
29	29·93	·85	47·7	43·2	40·2	53·0	4·9	1·4	·223	·249	68	89	E 2	N 2	3	8	—	≋ 0 (mist) a. Fine a. Dull p. U
30	·77	·65	55·7	45·0	39·3	57·6	3·3	1·8	·353	·257	79	86	S 3	NW 2	3	2	—	≋ 0 (mist) a. Very fine. ⛀ p.
31	29·56	29·59	46·8	45·0	43·2	51·3	0·8	1·2	·301	·271	94	91	SSW 3–4	NNW 4–5	10	10	·015	Cloudy day.
Mean	29·913	29·918	46·7	42·6	37·8	51·4	2·1	1·3	·271	·247	85·1	89·9	3·4	2·8	5·1	4·6	1·047	

STONYHURST.—MARCH 1893.

Height above Mean Sea Level, 375 feet. Heights above Ground:—Bar., —12 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 2° 28′ W. Lat. 53° 51′ N. Gravity Correction, + ·023 in.

1	28·97	29·09	40·8	44·8	34·4	49·0	1·2	1·8	·230	·255	91	86	S 4	swb.w 5	10	10	·520	● 2 a. Squally ✓ ● showers.
2	29·41	·71	44·0	42·2	42·1	45·0	1·0	1·2	·265	·243	92	90	WbyS 6	N 1	10	10	·015	Overcast, with squally ✓ ● 2 showers.
3	·83	·67	40·5	46·4	40·0	46·4	2·5	1·0	·202	·292	80	93	E 2	S 4	10	10	·308	Dull and overcast. ● p.
4	·64	·71	45·0	44·2	43·9	48·9	0·9	1·8	·277	·250	93	86	WSW 3	WSW 1	10	10	·227	Overcast a. and p.
5	·74	·87	46·8	46·2	43·4	48·9	0·7	1·2	·303	·285	95	92	WbyS 4	W 3	10	10	·035	Overcast, with ● showers.
6	·86	·88	44·0	42·6	41·6	46·2	1·2	1·1	·261	·249	90	91	WbyS 1	W 1	10	4	·048	Overcast. ● 0.
7	·87	·91	43·8	44·8	40·1	48·0	0·5	1·3	·274	·267	95	90	swb.w 2	WbyS 3	10	10	·015	Overcast. ● showers.
8	·95	·89	42·0	43·0	40·4	47·0	0·7	0·5	·252	·266	94	96	swb.w 1	WbyS 1	10	10	—	Overcast a. and p.
9	·73	·69	43·8	44·0	42·7	45·8	1·2	2·3	·259	·238	91	82	WSW 4	WbyS 4	10	8	·020	Overcast, then fine.
10	·81	·94	43·0	39·0	39·0	46·3	3·0	1·7	·215	·205	78	86	W 5	S 1	9	7	—	Squally a. Fine p.
11	·82	·67	41·6	38·0	37·4	49·1	2·3	1·0	·216	·208	82	91	swb.w 1	swb.w 1	9	0	—	Fine, bright, and sunny.
12	·45	·24	41·7	42·6	33·5	57·8	3·3	1·1	·199	·249	76	91	Calm 0	swb.w 2	0	0	·013	≋ 0 (mist) 9a. Fine, bright, and sunny.
13	·29	·36	45·3	38·7	38·2	52·0	0·9	1·3	·282	·210	93	90	W 2	Calm 0	9	2	—	Fine and clear p.
14	·33	·30	38·6	43·7	30·9	46·7	1·4	1·8	·207	·246	89	86	WbyN 1	swb.w 3	10	10	·020	≋ 0 a. Overcast day.
15	·24	·19	45·0	43·5	42·4	49·3	2·3	1·5	·247	·249	83	88	SW 6	swb.w 2	10	10	·130	Overcast, with squally ✓ ● showers.
16	·14	·24	39·5	36·4	34·4	44·3	2·7	3·0	·190	·161	79	75	WSW 3	WSW 3	10	8	·197	Overcast, with ▲ ✳ a. ✳ 0 shower p.
17	·51	·63	33·0	32·0	31·2	38·7	1·0	0·0	·167	·182	89	100	WNW 5	WbyS 1	10	0	·140	Overcast, with squally ✓ ▲ ✳ [showers a.
18	29·82	29·97	34·6	31·3	30·6	39·0	4·0	0·3	·130	·171	65	96	NWb.N 1	Calm 0	2	0	—	Fine and bright.
19	30·03	30·00	31·0	39·0	24·6	43·7	2·0	2·5	·127	·190	72	81	Calm 0	Calm 0	0	10	—	≋ 0 (mist) 9a. Fine day.
20	30·00	29·96	43·0	40·6	36·0	50·2	3·2	1·4	·211	·223	77	89	Calm 0	NNW 1	0	0	—	≋ 0 (mist) 9a. Fine day.
21	29·97	·94	41·5	45·5	32·7	57·5	2·5	5·0	·211	·202	81	66	Calm 0	Calm 0	0	0	—	≋ 0 (mist) a. and p. Fine day.
22	·92	·85	40·8	45·4	33·6	57·5	3·8	3·9	·182	·221	71	73	NNE 1	Calm 0	0	0	—	Fine day. ∞ and ≋ 0 (mist).
23	·86	29·88	42·0	48·5	34·5	59·3	2·0	4·5	·225	·239	85	70	NEb.N 1	Calm 0	0	0	—	Fine day. ≋ 0 (mist).
24	29·96	30·01	45·0	48·2	36·9	61·1	3·5	4·2	·224	·241	75	72	NbyE 1	Calm 0	0	0	—	Fine day. ≋ 0 (mist).
25	30·04	29·98	46·5	48·7	37·7	59·5	3·7	4·7	·234	·237	75	69	NEbyN 1	Calm 0	0	0	—	Fine day. ∞ 0.
26	29·90	·81	41·3	46·1	37·9	56·5	3·0	3·1	·200	·243	77	78	NbyE 1	N 1	2	0	—	Fine day. ≋ 0 (mist).
27	·79	·80	41·0	39·0	38·7	49·2	1·4	1·8	·227	·203	89	86	NEbyN 1	NEb.E 2	10	0	—	Overcast, then fine.
28	·80	·76	46·3	44·6	35·4	57·6	5·3	6·3	·204	·173	65	59	ENE 1	NE 1	1	0	—	Fine and sunny.
29	·72	·63	45·0	50·0	35·4	61·0	5·0	6·6	·197	·215	66	60	NEbyN 1	swbyS 1	8	10	—	Bright a. Overcast p. U
30	·57	·45	47·0	45·1	39·9	57·5	4·0	3·1	·233	·232	73	77	Calm 0	Calm 0	0	10	—	≋ 0 (mist) a. Fine and bright.
31	29·38	29·38	47·6	45·4	39·9	56·5	3·6	2·4	·247	·249	75	83	SW 1	WSW 1	9	10	·010	Fine and sunny.
Mean	29·682	29·690	42·3	42·9	37·1	50·8	2·4	2·4	·223	·229	81·8	83·0	1·9	1·4	6·1	5·1	1·698	

HILLINGTON.—MARCH 1893.

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

Day.	Barometer at 32° Faht. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	Dep. of Wet. 9 p.m.	Vapour Tension. 9 a.m.	Vapour Tension. 9 p.m.	Per-centage. 9 a.m.	Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind 9 p.m.	Cloud Amount. 9 a.m.	Cloud 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·47	29·47	41·1	48·0	33·4	55·4	0·4	2·3	·249	·279	97	84	S 2	SW 6	10	10	·090	● 7a–11a. ●⁰ showers p. Fine pink sunset.
2	29·69	30·03	47·7	40·1	40·0	51·9	3·1	0·5	·259	·237	79	96	NW 5	NW 0·5	10	10	·008	Cloudy day. ●⁰ p. Ʊ
3	30·20	·13	41·0	42·6	36·9	46·1	1·3	1·8	·229	·234	90	87	SE 0·5	SSE 2	10	10	·070	Overcast all day. ●⁰ n.
4	29·99	·05	47·3	44·0	42·4	55·9	0·6	2·0	·311	·243	96	84	SW 2	W 1	10	0	·030	●⁰ 9a. Overcast a. Fine p.
5	30·00	·15	47·6	49·1	40·8	54·4	1·2	2·2	·301	·294	92	84	W 3	W 2	10	10	—	Cloudy and mild.
6	·15	·22	45·0	43·0	43·0	49·5	1·2	1·1	·271	·253	91	91	W 2	NW 1	10	0	—	Overcast all day.
7	·15	·13	42·8	47·8	33·4	51·8	0·6	1·1	·262	·305	96	92	NW 2	WNW 2	6	2	—	⊔² a. Overcast all day. ⌓² p.
8	·22	30·15	43·5	42·1	35·1	60·6	2·1	1·9	·237	·228	83	85	NW 1	NW 1	6	0	—	⊔² a. Fine and sunny. ⌓ p.
9	·04	29·93	43·0	48·0	35·5	59·3	1·5	1·2	·244	·305	88	92	W 2	WNW 3	2	10	—	⊔² a. Fine and sunny. ∞ 10p.
10	·10	30·19	42·8	41·0	36·0	51·6	3·2	2·0	·210	·216	76	84	W 3	NNW 1	0	0	—	Very fine and sunny. Fine sunset.
11	30·21	29·99	40·2	44·0	30·1	52·1	2·5	3·2	·199	·221	81	76	NW 2	W 2	8	0	—	⊔ a. Magnificent sunset.
12	29·86	·59	44·2	42·7	32·8	62·9	3·6	4·0	·215	·195	74	71	SW 2	SSW 1	0	0	—	⊔ a. Very fine and sunny. Fine sunset.
13	·60	·64	41·4	46·7	32·4	56·3	1·8	2·2	·223	·268	87	85	WNW 1	SW 0·5	5	10	—	⊔ a. Very fine and sunny. Cloudy p.
14	·63	·65	43·9	48·7	41·0	55·3	2·2	3·0	·238	·272	84	80	SW 0·5	SW 2	10	10	—	Overcast, then fine. ∞. T 3p.–4p.
15	·64	·56	48·4	48·0	42·8	55·4	3·7	2·6	·253	·272	75	82	W 4	SW 5	10	10	·003	Overcast with ⁄.
16	·42	·60	48·7	36·0	35·5	50·1	4·0	3·2	·251	·154	73	72	W 6	W 3	7	0	·065	⁄ ●⁰ a. ●² 2.30p.
17	29·60	29·88	36·2	30·2	29·8	43·2	1·6	0·5	·182	·154	86	92	NW 5	SW 0·5	4	4	—	✱ till 9a. Fine and sunny. ⊔ p.
18	30·00	30·24	36·0	34·4	30·0	40·9	3·4	2·7	·150	·147	71	74	NW 5	N 1	1	1	—	⊔ 1. Very fine and sunny. Fine sunset.
19	·33	·31	36·9	29·8	25·6	47·4	4·0	1·4	·148	·128	68	78	NW 0·5	SE 0·5	0	0	—	⊔ a. Very fine and sunny.
20	·32	·28	34·0	35·5	24·9	55·1	2·8	0·9	·143	·189	73	92	SW 0·5	SW 0·5	0	0	—	⊔² a. Very fine and sunny. ∞⁰ p.
21	·30	·29	38·5	39·1	28·1	60·4	2·8	1·4	·181	·211	78	89	S 0·5	NE 0·5	0	0	—	⊔² a. Very fine and sunny.
22	·25	·17	41·1	35·9	30·1	58·7	1·3	0·6	·230	·199	89	95	S 0·5	SE 0·5	0	0	—	⊔² a. Very fine and sunny.
23	·19	·21	41·0	39·2	30·8	63·4	1·0	1·5	·235	·209	92	88	S 0·5	SW 0·5	3	0	—	⊔² a. Very fine. Much cir. a.
24	·27	·33	49·2	42·4	33·0	65·7	5·4	2·7	·229	·214	65	80	SW 0·5	NE 0·5	0	0	—	⊔⁰ a. Very fine and sunny.
25	·37	·30	49·4	41·9	30·0	63·7	5·7	2·3	·225	·218	64	84	SE 0·5	E 1	0	0	—	⊔² a. Very fine and sunny.
26	·22	·08	45·8	36·7	29·6	55·4	3·2	1·0	·238	·198	78	91	SE 1	ENE 1	9	1	·005	⊔⁰ a. Much cir.
27	·05	·08	45·9	40·1	33·6	56·3	2·6	2·4	·250	·200	82	81	E 3	ESE 1	8	1	—	⊔ ≋ early a. Very fine and sunny. Much cir.
28	·10	30·08	48·3	38·0	34·1	58·8	5·6	2·4	·216	·184	64	80	ENE 2	SE 3	0	0	—	⊔ a. Very fine and sunny.
29	30·03	29·96	50·7	40·9	34·9	65·4	5·8	4·2	·237	·176	64	69	SE 2	SE 1	3	6	—	⊔ a. Very fine and sunny. Much cir. p.
30	29·87	·75	48·2	43·2	34·1	66·7	5·5	3·5	·217	·208	65	75	SW 1	SW 1	10	0	—	⊔ a. Cloudy p.
31	29·75	29·73	49·8	44·1	31·4	65·3	5·1	3·4	·240	·218	68	74	S 2	SW 1	10	4	—	⊔ a. Much cir. all day.
Mean	30·001	30·005	43·9	41·4	33·9	56·0	2·9	2·1	·228	·220	79·6	83·5	2·0	1·5	5·2	3·2	0·271	

CHURCHSTOKE.—MARCH 1893.

Height above Mean Sea Level, 538 feet. Heights above Ground :—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5′ W. Lat. 52° 31′ N. Gravity Correction, + ·018 in.

1	28·84	29·03	44·8	47·2	33·5	53·8	0·9	3·3	·276	·249	93	77	SSW 2	W 5	9	9	·049	Very rough ⁄ ● showers in past n.
2	29·32	·50	48·4	45·5	45·0	55·9	2·5	0·6	·279	·290	83	96	WNW 3	Calm 0	10	10	·111	
3	·59	·50	43·6	47·6	43·0	47·8	0·6	0·8	·270	·309	95	95	SSE 3	WSW 3	10	9	·110	Squally, with ● showers.
4	·52	·61	48·2	41·8	41·2	52·7	2·4	1·9	·279	·225	84	86	W 2	W 1	6	6	—	Fine day.
5	·64	·71	47·9	45·2	40·4	51·1	2·0	1·5	·285	·266	86	89	WSW 2	W 2	10	5	—	Breezy.
6	·71	·73	45·2	41·8	41·0	48·5	2·3	1·7	·249	·229	83	87	W 1	WNW 2	10	0	·020	Dull and cool, with ● showers.
7	·75	·76	44·8	48·2	32·6	53·2	1·5	1·0	·262	·312	88	93	W 1	NW 1	10	10	·005	Cloudy day.
8	·79	·74	40·8	40·3	38·7	59·1	0·1	0·8	·252	·233	99	94	Calm 0	W 1	10	0	—	≋ a. Clear p. ⌓
9	·57	·56	50·0	46·6	37·0	57·5	2·8	1·7	·291	·277	81	88	WNW 3	W 2	3	8	—	⌓. Fresh, clear and breezy.
10	·71	·77	43·5	38·3	35·0	51·9	4·2	1·6	·197	·199	70	87	NW 3	N 1	0	0	—	⌓
11	·69	·49	42·3	44·8	32·2	57·9	3·6	1·9	·199	·254	74	86	SE 0·5	SW 3	1	0	—	⊔
12	·28	·08	54·9	47·9	41·0	66·3	2·9	6·2	·351	·203	81	61	WSW 2	W 1	1	0	—	Clear and bright.
13	·12	·18	47·8	42·8	41·0	54·6	2·9	3·9	·264	·197	80	71	WNW 1	W 1	8	8	—	Cloudy day. ⊔
14	·17	·19	45·8	44·8	40·8	53·0	3·1	2·3	·239	·245	79	83	W 1	W 2	10	2	—	Cloudy and breezy.
15	29·15	·07	46·2	45·3	43·4	50·1	1·5	0·6	·277	·288	90	96	WSW 3	SW 3	9	10	·120	Squally, with ● showers.
16	28·98	·17	43·1	35·9	34·0	46·7	3·3	3·6	·210	·146	76	70	W 3	NW 2	6	0	·040	Clear and cool.
17	29·24	·52	36·1	35·1	33·0	43·2	3·2	2·2	·154	·162	72	79	NW 4	NW 3	4	9	·003	✱ n. Raw, with cold wind and ✱⁰ showers.
18	·64	·80	38·8	28·4	28·0	42·5	4·4	1·5	·157	·113	67	73	N 3	N 1	1	0	—	Bright, with cold wind. ⊔
19	·83	·81	32·7	32·9	21·6	49·9	2·6	4·0	·133	·112	72	59	Calm 0	N 1	0	0	—	⊔. Fine, clear and bright.
20	·82	·76	40·3	41·0	26·0	56·1	3·2	3·9	·188	·182	75	71	ENE 0·5	SE 0·5	0	0	—	⊔ ∞. Fine and clear, but cold.
21	·77	·73	43·9	43·0	28·7	59·8	5·0	4·1	·188	·196	65	70	ENE 2	SE 1	0	0	—	⊔ ∞. Fine, clear and bright.
22	·72	·64	44·3	45·3	31·0	58·3	4·4	5·2	·201	·196	68	65	E 1	SSE 1	0	1	—	⌓ ∞ ⊔. Fine day.
23	·66	·70	46·8	42·8	29·9	64·1	3·2	1·9	·247	·234	78	85	ENE 2	N 0·5	0	0	—	⌓ ∞ ⊔. Fine day.
24	·75	·80	48·9	46·3	32·4	64·6	4·0	4·4	·253	·219	73	70	E 1	Calm 0	0	0	—	⌓ ∞ ⊔. Fine day.
25	·86	·78	47·2	43·8	32·0	66·0	4·5	4·6	·226	·194	70	67	SE 0·5	Calm 0	0	0	—	⌓ ∞ ⊔. Fine day.
26	·69	·56	40·0	37·6	30·8	57·4	2·3	0·7	·201	·211	82	94	Calm 0	Calm 0	9	0	—	⌓ ∞ ⊔.
27	·53	·52	37·7	41·8	30·2	52·1	0·8	2·9	·210	·206	93	79	E 0·5	SE 1	0	0	—	⌓ ∞ ⊔. Fine and bright.
28	·54	·51	38·3	47·0	28·7	60·5	2·2	7·3	·188	·178	82	55	Calm 0	ENE 1	0	0	—	⌓ ∞ ⊔. Fine and bright.
29	·48	·45	41·4	46·1	27·8	64·3	5·2	4·4	·165	·217	63	70	E 0·5	Calm 0	1	0	—	⌓ ∞ ⊔. Fine and bright.
30	·37	·28	52·1	42·0	36·0	64·2	6·2	3·2	·243	·202	64	77	S 1	Calm 0	3	0	—	⌓ ∞ ⊔. Fine and bright.
31	29·21	29·23	48·9	43·5	40·5	63·4	4·0	2·3	·253	·232	73	82	WSW 2	WSW 2	3	1	·050	⌓ ∞. Cir. SW to NE. Ʊ
Mean	29·514	29·522	44·3	42·6	34·7	55·7	3·0	2·8	·232	·219	78·7	79·2	1·6	1·4	4·3	2·8	0·508	

CARMARTHEN.—MARCH 1893.

Height above Mean Sea Level, 188 feet. Heights above Ground :—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 4° 18′ W. Lat. 51° 52′ N. Gravity Correction, + ·018 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	Dep. of Wet. 9 p.m.	Vapour Tension. 9 a.m.	Vapour Tension. 9 p.m.	Per-centage. 9 a.m.	Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind 9 p.m.	Cloud Amount. 9 a.m.	Cloud 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·25	29·57	49·3	47·8	38·1	53·2	0·6	2·1	·335	·283	96	85	SW 5	SW 3	10	10	—	Dull day.
2	·81	·88	48·8	47·8	47·2	54·0	1·4	0·4	·309	·324	90	97	W 2	Calm 0	10	10	·210	
3	·97	29·90	48·4	48·4	46·2	51·5	0·0	0·4	·340	·330	100	97	Calm 0	SW 1	10	10	·230	Dull, then ●⁰.
4	29·95	30·03	51·9	44·8	43·8	56·1	3·5	2·3	·297	·246	77	83	Calm 0	Calm 0	0	1	—	Fine day.
5	30·08	·15	50·7	45·8	40·6	58·0	1·9	1·0	·322	·285	88	93	W 1	Calm 0	6	0	—	Fine day.
6	·14	·12	46·6	43·4	42·0	51·4	1·2	1·1	·289	·258	92	91	W 1	Calm 0	10	0	·120	Frequent ● showers.
7	·19	·17	43·4	48·3	35·7	54·7	0·7	0·6	·266	·323	95	96	SW 1	Calm 0	10	10	—	
8	·19	30·12	54·9	46·0	44·0	56·4	4·5	1·5	·312	·276	72	90	N 1	N 1	2	10	—	Fine and warm.
9	·02	29·99	48·0	45·0	44·8	53·7	0·8	0·5	·315	·288	94	96	W 1	W 1	10	0	—	
10	·19	30·20	50·5	38·6	37·9	53·5	5·8	1·3	·234	·208	64	90	NW 1	N 1	0	0	—	Fine day.
11	30·11	29·91	43·7	41·1	30·7	53·7	3·6	0·8	·211	·240	74	93	Calm 0	N 1	3	0	—	⊔ ∞. Fine day.
12	29·68	·49	55·2	44·4	36·4	63·5	8·6	1·5	·231	·258	53	89	Calm 0	Calm 0	0	0	—	Very fine.
13	·52	·49	49·7	47·3	43·1	56·1	2·3	1·8	·299	·283	85	88	N 1	Calm 0	9	10	—	Fair, then overcast.
14	·60	·62	45·6	46·3	44·2	55·0	1·2	1·3	·278	·284	91	91	SW 1	Calm 0	10	10	—	Dull day.
15	·53	·53	51·7	47·3	46·2	54·2	4·5	1·5	·273	·289	71	90	SW 2	SW 3	10	10	·020	Dull day.
16	·48	·62	45·1	38·9	38·7	49·2	2·9	3·3	·237	·175	78	75	SW 1	Calm 0	8	0	—	▲ 0.30p.
17	29·73	29·93	43·5	40·9	37·0	49·0	5·8	3·6	·172	·186	60	73	NW 4	NW 1	8	3	—	Fair.
18	30·03	30·17	46·4	35·9	35·4	49·1	6·2	2·5	·189	·165	60	79	N 3	N 2	1	0	—	Very fine.
19	·25	·19	40·2	37·9	27·3	51·6	4·7	2·3	·162	·184	65	81	N 1	Calm 0	8	0	—	Very fine.
20	·19	·12	43·9	44·1	28·2	53·9	4·4	4·4	·198	·199	70	68	Calm 0	Calm 0	0	0	—	Very fine.
21	·13	·09	55·2	46·0	34·4	60·4	8·0	4·5	·242	·214	56	70	Calm 0	Calm 0	0	0	—	Very fine.
22	·06	·01	52·7	46·3	37·9	60·6	7·4	3·3	·228	·240	58	77	E 1	Calm 0	0	0	—	Very fine.
23	·02	·06	54·5	43·9	34·1	66·0	6·9	1·9	·255	·244	60	85	Calm 0	Calm 0	0	0	—	Very fine.
24	·13	·16	57·6	48·5	35·8	65·3	9·2	4·6	·248	·237	53	69	Calm 0	E 1	0	0	—	Very fine.
25	·20	30·15	56·8	47·5	37·0	67·2	7·4	3·5	·273	·247	60	76	Calm 0	Calm 0	0	0	—	Very fine.
26	30·08	29·94	47·0	47·8	34·4	59·0	4·0	5·0	·233	·223	73	68	E 1	N 2	5	5	—	Fine day. ∞ all day.
27	29·89	·84	43·3	44·6	33·7	58·3	3·3	5·1	·212	·193	76	65	Calm 0	NE 2	0	0	—	Fine day. Ʊ 9p.
28	·86	·84	51·7	51·3	38·1	64·2	7·2	6·3	·222	·233	58	62	E 2	Calm 0	0	0	—	Very fine. Ʊ 9p.
29	·84	·82	55·5	47·0	41·9	67·8	9·0	3·1	·228	·251	52	78	E 1	E 1	3	2	—	Very fine. Ʊ 9p.
30	·78	·67	53·9	44·2	36·0	65·0	6·5	3·7	·257	·214	61	73	Calm 0	NE 1	1	0	—	Very fine.
31	29·61	29·60	53·9	45·1	37·5	59·8	6·1	0·6	·265	·286	63	95	Calm 0	SW 2	3	6	·100	Fine day. ● 10p.
Mean	29·919	29·914	49·7	44·9	38·3	57·1	4·5	2·4	·256	·247	72·4	82·7	1·0	0·7	4·4	3·1	0·680	

MARGATE.—MARCH 1893.

Height above Mean Sea Level, 83 feet. Heights above Ground :—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 24′ E. Lat. 51° 24′ N. Gravity Correction, + ·017 in.

1	29·64	29·63	42·2	48·0	36·5	54·4	0·2	1·8	·264	·290	98	87	S 5	W 3	10	7	·130	⁄ ●
2	29·80	30·02	48·4	49·0	44·4	53·7	3·4	2·0	·260	·297	77	86	W 5	NW 1	5	10	·010	Bright day.
3	30·23	·21	42·6	45·0	41·4	49·0	1·2	2·8	·247	·238	90	79	NE 1	E 2	10	10	—	Dull day.
4	·05	·09	45·0	47·0	43·4	52·4	2·2	2·0	·250	·275	84	86	S 3	W 2	10	0	—	Dull day.
5	·09	·13	47·0	49·0	41·0	51·5	2·9	1·8	·256	·302	80	87	W 3	W 3	10	0	—	Dull and mild.
6	·19	·19	44·8	42·9	42·4	50·8	1·0	0·7	·273	·261	92	95	W 3	Calm 0	10	10	—	Dull day. ≋⁰ 9p.
7	·23	·20	45·0	50·1	36·4	52·8	1·1	2·1	·273	·308	91	85	W 2	W 3	0	10	—	Dull day.
8	·23	30·19	46·0	43·0	42·4	56·0	2·0	1·7	·264	·240	86	86	W 2	W 1	4	0	—	Splendid day.
9	·11	29·98	46·0	50·1	39·5	61·1	2·3	2·2	·258	·306	84	84	SW 1	SW 3	7	10	—	Splendid day.
10	·17	30·25	42·1	44·0	40·7	51·3	2·6	2·8	·214	·228	81	78	NW 3	W 2	0	0	—	Splendid day.
11	30·24	30·10	44·0	42·0	33·4	52·7	3·0	3·0	·225	·206	77	78	NW 2	SW 3	0	0	—	Splendid day.
12	29·94	29·66	49·0	48·5	39·5	59·1	4·5	4·5	·244	·238	70	70	SW 2	SW 2	0	0	—	Splendid day.
13	·62	·67	50·1	47·0	42·4	52·8	3·6	0·2	·274	·318	76	99	SW 1	SW 1	9	10	·090	Fine day. ● at night.
14	·68	·74	51·4	45·2	45·2	54·7	2·2	0·4	·322	·292	85	97	W 3	SW 3	8	0	·010	
15	·75	·64	49·5	47·6	41·5	56·2	3·0	1·4	·280	·296	80	90	W 3	W 4	9	10	—	Very fine.
16	·58	·65	48·5	44·0	41·9	52·8	2·5	3·0	·279	·225	82	77	W 4	SW 5	6	10	·070	Dull, with ●.
17	29·71	29·93	40·3	36·0	35·0	45·0	3·5	0·8	·183	·196	73	93	W 5	W 4	7	1	·060	⁄ ✱ ● (sleet) ✱.
18	30·01	30·26	38·0	36·0	35·4	41·7	3·9	3·8	·158	·144	69	68	N 2	N 4	1	0	—	Sunny, but cold.
19	·36	·36	38·0	33·1	32·4	44·5	3·0	1·8	·173	·151	75	80	N 2	N 2	0	0	—	Bright and sunny.
20	·35	·31	40·0	38·0	30·1	50·7	3·2	3·0	·185	·173	75	75	N 2	N 1	0	0	—	Bright and sunny.
21	·31	·29	42·9	40·0	30·4	51·0	3·9	0·7	·198	·232	72	94	Calm 0	Calm 0	0	0	·010	⊔⁰ a. Bright and sunny.
22	·24	·19	46·3	44·2	37·4	48·8	2·0	0·4	·267	·280	86	97	NE 2	NE 1	0	0	·010	⊔⁰ a. Bright and sunny.
23	·20	·24	41·0	47·0	32·5	57·7	0·1	5·0	·255	·215	99	67	Calm 0	E 1	0	0	—	≋⁰ a. Bright and sunny.
24	·28	·33	52·1	45·4	37·1	53·5	5·6	3·2	·255	·233	66	77	E 1	E 2	0	0	—	Bright and sunny.
25	·35	·29	49·9	43·3	38·4	52·0	3·7	0·7	·270	·265	75	95	E 1	SE 1	0	0	—	Bright and sunny.
26	·19	·12	47·1	42·7	38·4	48·0	3·1	1·2	·252	·248	78	90	E 2	E 1	6	10	—	Ʊ 9p.
27	·02	·03	47·8	45·6	40·4	51·6	3·7	3·4	·247	·231	75	76	E 2	E 3	1	0	—	Bright and sunny.
28	·10	30·10	48·1	45·3	40·4	50·0	6·1	2·8	·206	·239	61	80	E 2	E 2	0	0	—	Bright and sunny.
29	30·03	29·98	51·1	44·8	40·5	56·3	6·6	3·5	·226	·223	61	75	E 1	Calm 0	0	0	—	Bright and sunny.
30	29·91	·82	56·0	45·0	33·6	63·6	8·0	7·0	·252	·166	56	55	Calm 0	E 1	6	0	—	⊔ a.
31	29·79	29·79	55·9	46·0	41·4	66·0	7·5	5·5	·260	·197	58	64	SSE 1	S 2	5	0	—	Bright and sunny.
Mean	30·044	30·044	46·3	44·3	38·6	53·0	3·3	2·4	·244	·242	77·8	82·3	2·1	2·0	4·0	3·2	0·390	

SOUTHAMPTON.—MARCH 1893.

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24′ W. Lat. 50° 55′ N. Gravity Correction, + ·016 in.

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind, Direction and Force. 9 a.m.	9 p.m.	Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·55	29·71	49·1	47·8	40·0	53·2	0·4	2·4	·339	·274	97	83	SW 6	SW 2	10	10	·035	● a. ● p. Fine evening.
2	29·93	30·06	51·1	50·3	46·2	60·0	2·6	1·0	·310	·339	82	93	NW 3	SW 1	9	10	·075	Beautifully fine and mild.
3	30·20	·16	45·3	47·9	44·6	51·2	1·3	0·3	·272	·325	90	98	SE 4	S 1	10	10	·085	Dull and damp a. ● 0 p.
4	·09	·16	48·6	43·0	43·0	56·2	0·4	1·2	·333	·251	97	90	SW 1·5	NW 0·5	10	0	—	Dull a. Beautiful p. ◗ n.
5	·17	·25	48·6	48·9	39·0	59·4	1·8	1·8	·299	·302	88	88	W 2	NW 1	9	2	—	Beautiful day.
6	·26	·22	44·5	46·1	40·3	54·2	0·6	1·0	·280	·288	95	93	W 1·5	NW 1·5	10	0	—	[day.
7	·31	·27	43·9	45·6	39·0	56·6	0·5	1·2	·275	·279	96	91	WNW 1	W 1	3	0	—	≋0 early a. ◗ a. and p. Beautiful
8	·31	·23	51·4	46·1	43·9	63·2	2·9	1·1	·307	·286	81	92	NW 1	Calm 0	1	0	—	≋0 early a. ≋0 ◗2 9a. Beautiful
9	·17	·09	44·1	47·0	40·5	54·7	0·8	1·2	·271	·293	93	92	W 1·5	NW 3·5	10	2	·005	◗ a. and p. Beautiful day. [day.
10	·28	·32	46·5	42·1	37·5	56·0	4·0	2·3	·229	·220	73	83	NW 3·5	NW 0·5	2	0	—	Beautiful day. ◗ n.
11	30·29	30·13	39·9	41·0	30·9	55·3	1·4	1·6	·218	·223	89	87	Calm 0	Calm 0	3	0	—	[◗ n.
12	29·94	29·67	49·0	44·8	32·3	62·0	3·9	2·4	·257	·243	74	82	SE 0.5	SSE 0·5	0	0	—	early a. ≋0 9a. Beautiful day.
13	·66	·69	42·9	47·8	35·5	54·7	1·4	0·7	·246	·314	89	95	SW 1	SW 1·5	10	10	·010	early a. ● 0 from 8p.
14	·73	·77	47·6	49·0	45·9	54·6	0·7	0·9	·313	·325	95	94	SW 1	SW 2	10	10	·003	Dull and damp a. Fine and dry from
15	·79	·74	52·0	46·5	45·5	57·4	2·5	1·5	·323	·281	83	89	SW 2·5	W 2	8	0	—	Beautiful a. [10a.
16	·65	29·76	50·4	40·5	40·1	55·3	3·3	1·6	·284	·219	79	87	WSW 4	W 3	10	0	·045	Fine and dry till 11a., then ● showers.
17	29·84	30·05	44·9	40·1	34·5	50·2	5·8	4·1	·184	·171	61	68	NW 4·5	WNW 2	8	9	—	Beautiful day, but with cool breeze.
18	30·10	·31	46·6	34·9	34·5	49·5	5·4	2·7	·205	·152	64	75	NW 3·5	NE 0·5	5	0	—	Beautiful day throughout.
19	·40	·36	39·0	35·5	26·2	48·7	4·8	1·3	·152	·183	64	88	NE 0·5	NE 1	0	0	—	[throughout.
20	·38	·32	43·3	36·8	27·5	49·8	3·5	1·0	·208	·199	75	92	NE 0·5	NE 1	0	0	—	◗2 ≋0 (mist) a. Beautiful day
21	·32	·27	47·8	42·0	29·6	56·7	3·3	2·6	·256	·214	78	81	SE 1	E 1	0	0	—	◗a. Beautiful day throughout. ◗ n.
22	·22	·16	48·8	43·6	34·0	59·5	3·5	1·6	·264	·248	76	87	NE 1	NE 0·5	0	0	—	◗ early a. Beautiful day.
23	·20	·23	51·3	43·5	35·4	59·6	4·0	2·0	·280	·240	74	84	ESE 2	Calm 0	0	0	—	◗0 early a. Beautiful day. ◗ n.
24	·29	·33	56·1	45·0	34·2	61·7	6·2	2·2	·292	·249	65	84	Calm 0	SE 0·5	0	0	—	◗0 early a. Beautiful day. ◗ n.
25	·36	·29	53·0	45·2	34·4	63·7	4·9	2·3	·279	·249	70	83	NE 1	Calm 0	0	0	—	◗0 early a. Beautiful day. ◗ n.
26	·21	30·08	51·3	45·1	34·6	60·7	4·3	2·1	·273	·252	72	84	NE 1·5	SSW 0·5	3	10	—	◗0 early a. Beautifully fine.
27	·00	29·99	48·0	46·1	35·5	60·5	4·2	4·1	·239	·224	72	72	NE 1·5	NE 1·5	2	4	—	◗ early a. Beautiful day. ◗ ◗ n.
28	·03	30·01	53·1	46·5	38·1	62·2	7·7	4·8	·226	·215	57	68	E 2	NE 1·5	0	0	—	◗ early a. Beautiful day. ◗ 9p.
29	30·00	29·97	53·8	47·6	35·2	61·9	7·2	3·2	·243	·256	59	78	E 2	SE 0·5	1	0	—	◗ early a. Beautiful day. Clear n.
30	29·92	·83	46·9	46·9	35·0	66·4	3·2	2·1	·249	·272	79	86	Calm 0	SW 1	10	0	—	◗ early a. Beautiful day. ◗0 n.
31	29·81	29·79	51·5	45·9	33·3	64·4	3·8	2·1	·287	·263	75	86	S 1	Calm 0	10	0	—	◗ early a. Beautifully fine and
Mean	30·077	30·071	48·1	44·5	37·0	57·4	3·2	1·9	·264	·253	78·8	85·6	1·8	1·0	5·0	2·5	0·258	[warm.

PLYMOUTH.—MARCH 1893.

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 74 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches
Long. 4° 8′ W. Lat. 50° 22′ N. Gravity Correction, + ·015 in.

1	29·41	29·71	52·0	49·1	42·6	53·0	1·1	2·1	·358	·296	93	85	SW	W	10	10	·050	●2 ↙ (gale) early a.
2	29·87	29·94	52·0	50·0	47·0	53·1	2·6	0·4	·318	·351	82	97	W	WSW	5	10	·020	Overcast and gloomy all day.
3	30·03	30·00	50·0	48·0	47·7	49·9	1·1	0·1	·331	·333	93	100	S	S	10	10	·090	Fine till 2p., then overcast with ≋2.
4	29·99	·09	49·5	43·9	43·5	54·4	0·1	1·4	·352	·256	100	88	NW	N	10	0	—	Overcast and gloomy all day. [& sunny.
5	30·12	·18	49·7	47·2	37·5	54·8	2·7	1·0	·290	·301	82	92	NNW	NNW	6	1	—	≋0 (mist) a. Overcast till 11a., then fine
6	·18	·12	47·5	49·0	42·1	51·7	1·0	1·5	·304	·310	92	90	NW	N	10	0	·010	≋0 (mist) 9a. Fine and sunny. ⌒
7	·22	·21	45·5	46·4	38·0	53·9	2·0	0·8	·259	·296	86	94	NW	NW	6	10	—	≋0 (mist) 9a. Overcast and gloomy
8	·20	·14	48·5	47·5	43·7	56·1	0·6	0·5	·327	·317	95	96	N	N	10	3	—	Fine and sunny. [with ●0
9	·06	·03	44·5	46·5	42·7	51·6	0·0	0·3	·294	·309	100	98	Calm	N	10	5	·015	Fine and sunny.
10	·20	30·22	43·5	41·2	41·0	51·4	2·5	0·8	·230	·241	81	94	N	N	2	0	—	≋0 (mist) 9a. Overcast all day. ●2 7p.
11	30·15	29·99	45·0	40·5	33·2	52·3	1·8	1·0	·258	·231	87	92	E	E	0	0	—	Fine and sunny all day.
12	29·77	·53	52·1	45·1	39·1	57·9	4·4	1·8	·279	·259	72	87	ESE	Calm	0	0	—	◗. Fine and sunny all day.
13	·53	·57	48·0	48·0	39·5	54·9	1·0	0·1	·309	·333	92	100	N	Calm	10	10	—	Fine and sunny all day.
14	·63	·67	50·0	48·2	45·0	50·4	1·6	1·1	·319	·310	89	93	WSW	NW	10	10	·025	Overcast all day.
15	·71	·66	50·5	47·2	45·5	52·9	1·6	0·7	·327	·308	89	95	W	W	8	0	—	Overcast, with ≋ ●0 showers.
16	·58	·70	50·0	42·2	41·5	51·9	2·6	2·7	·296	·214	82	81	W	WNW	10	0	·040	Fine and sunny.
17	29·81	29·99	44·0	44·3	38·0	47·2	2·5	3·3	·234	·221	81	75	WNW	NNW	8	0	·005	● showers.
18	30·02	30·16	46·5	41·8	40·5	49·4	1·5	3·2	·281	·195	88	75	NNW	N	8	0	—	● ▲ showers.
19	·23	·21	47·0	38·5	35·0	47·9	4·2	2·6	·230	·184	71	78	SE	E	0	0	—	Fine and sunny all day.
20	·20	·12	45·0	42·0	33·5	49·2	3·5	2·0	·224	·225	75	84	ESE	ENE	0	0	—	◗. Fine and sunny all day.
21	·12	30·08	51·0	45·1	40·9	55·2	4·0	3·5	·275	·224	73	75	ESE	E	0	0	—	Fine and sunny all day.
22	·03	29·99	50·5	46·1	44·0	56·0	3·1	3·0	·290	·244	79	78	E	NE	0	0	—	Fine and sunny all day.
23	·02	30·07	55·0	48·0	39·0	62·4	4·1	4·0	·323	·243	74	73	E	E	0	0	—	≋0 (mist) 9a. Fine and sunny all day.
24	·11	·17	55·0	43·9	35·9	63·0	8·0	5·0	·240	·188	55	65	SE	E	0	0	—	≋0 (mist) 9a. Fine and sunny all day.
25	·19	30·16	55·0	47·1	39·6	62·9	5·6	3·6	·289	·242	67	75	ESE	NE	0	0	—	Fine and sunny all day.
26	30·07	29·94	52·0	47·0	39·0	60·4	1·6	1·0	·345	·298	89	92	Calm	NW	0	9	—	Fine and sunny all day.
27	29·85	·81	48·0	46·5	37·0	53·6	3·0	5·0	·264	·211	79	66	E	NE	10	0	—	≋0 (mist) 9a. Overcast a. Clear and
28	·81	·81	51·5	50·0	45·0	59·9	4·1	5·0	·278	·244	73	68	ESE	E	0	4	—	≋0 (mist) 9a. Overcast a. [sunny p.
29	·81	·82	53·5	47·5	46·9	60·2	4·1	3·0	·302	·259	73	80	E	ENE	1	0	—	Fine and sunny all day.
30	·78	·72	54·0	46·7	39·0	55·6	4·6	2·2	·299	·268	71	84	E	NE	4	0	—	Fine and sunny all day.
31	29·65	29·64	52·9	48·0	37·5	56·6	3·4	0·9	·312	·313	78	93	SSE	SSE	8	7	—	Fine and sunny all day.
Mean	29·947	29·950	49·7	45·9	40·7	54·5	2·7	2·1	·292	·265	82·0	85·3	—	—	5·0	2·9	0·255	≋0 (mist) [9p.

LONDONDERRY.—MARCH 1893.

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

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind, Direction and Force. 9 a.m.	9 p.m.	Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·09	29·21	40·7	48·2	35·4	50·1	0·8	1·1	·237	·310	93	93	SW 1	W 7	10	10	·420	● from noon. ↙ 7p.—11p.
2	·73	·92	47·0	46·7	44·0	52·8	2·3	1·2	·268	·292	84	92	SW 3	W 1	10	10	·200	● from 8p.
3	·86	·75	45·7	50·5	42·8	53·8	1·3	1·8	·278	·322	91	88	SSE 4	SW 3	10	10	·070	● 2p.—6p.
4	29·88	29·98	46·0	49·2	43·5	51·5	2·7	1·5	·250	·313	81	90	WSW 4	W 4	8	10	·080	● 7p.—11p.
5	30·12	30·20	51·7	47·7	46·3	51·9	3·0	2·5	·308	·272	80	82	W 3	NW 2	10	5	·030	
6	·12	·21	48·2	47·2	45·4	52·5	1·0	2·0	·312	·278	93	86	SW 2	W 1	10	10	·030	
7	·18	·29	50·2	43·5	42·4	56·5	0·8	0·8	·343	·264	95	94	WSW 4	NW 1	10	0	·020	● 0 during day.
8	30·25	·14	47·2	47·7	40·4	52·2	2·0	2·5	·278	·272	86	82	NW 1	SW 3	10	6	—	
9	29·97	·09	48·8	42·8	40·0	51·8	1·6	4·1	·305	·195	88	71	SW 4	NW 4	10	0	·040	● showers during day. ⌒ 4.30p.
10	30·25	30·19	45·2	42·7	40·0	49·5	3·8	3·0	·221	·213	73	78	NW 4	NW 2	10	0	·010	
11	29·67	29·78	43·0	46·0	39·1	48·8	2·4	2·6	·236	·252	82	82	SW 4	SW 4	10	10	—	
12	·58	·44	45·7	47·2	43·3	49·7	2·5	1·3	·251	·294	82	91	SSW 3	SW 3	10	0	·070	● 9.15p.—midnight.
13	·66	·66	42·4	38·3	37·0	51·5	2·1	1·6	·227	·200	84	87	SW 3	W 2	4	0	—	Fine day.
14	·54	·48	44·8	46·0	35·2	47·8	3·3	1·0	·226	·287	76	93	SW 3	SW 4	10	10	·030	● 0 9p.
15	·44	·35	45·7	41·7	40·0	49·2	2·9	1·8	·243	·227	80	87	W 4	W 4	7	7	·270	Squally ↙ ● all day. < n.
16	·45	29·57	34·7	34·7	32·5	44·3	1·5	1·7	·172	·168	85	83	W 2	NW 3	10	10	·100	✳ ▲ showers all day and at night.
17	29·77	30·01	36·9	39·8	31·6	41·7	2·2	3·8	·179	·174	82	71	NW 4	NW 3	6	10	·080	✳ ▲ showers n. and all day. ↙
18	30·19	·24	39·7	42·1	33·6	45·5	2·6	1·8	·194	·230	79	86	NW 1	Calm 0	10	10	·020	● 0 from 8p.
19	·27	·27	42·1	42·7	39·0	51·0	0·6	1·0	·255	·252	95	92	W 1	S 1	10	0	—	≋0 (mist) a. Fine all day.
20	·26	·17	41·9	42·7	33·0	56·4	0·8	3·0	·247	·213	93	78	Calm 0	SE 1	10	0	—	≋0 (mist) a. Fine all day.
21	·16	·12	42·7	46·6	36·5	58·5	2·6	3·4	·220	·241	81	76	SE 1	SW 2	2	3	—	Fine and warm.
22	·13	·07	46·5	47·7	37·0	61·5	5·0	3·0	·211	·261	67	80	SW 2	Calm 0	0	0	—	Fine and clear.
23	·06	·12	49·3	52·8	40·0	63·0	4·3	3·0	·252	·321	71	80	SW 1	Calm 0	5	10	—	
24	·16	·21	53·4	52·0	48·9	63·5	5·5	4·3	·271	·281	67	73	SE 3	SW 2	5	1	—	Fine day.
25	·30	·30	50·2	48·9	48·0	56·2	2·7	1·4	·296	·312	82	91	SW 1	NW 1	10	10	—	
26	·24	·15	49·7	43·7	42·6	50·4	2·0	1·0	·307	·262	87	92	NE 2	NE 1	8	4	·380	● 11a.—2p.
27	·09	30·05	44·1	40·2	36·8	47·4	2·1	1·0	·243	·228	83	92	E 3	E 1	10	0	—	Fine day.
28	30·02	29·96	44·7	45·3	38·5	61·2	3·2	3·1	·227	·235	77	77	E 2	SE 1	0	0	—	Fine day.
29	29·85	·87	54·7	49·7	42·0	64·8	4·4	2·0	·311	·307	73	87	SE 2	WSW 1	2	3	—	Fine day.
30	·83	·60	46·5	49·7	41·8	56·6	1·8	2·8	·274	·288	87	81	SW 1	SW 1	7	10	—	
31	29·48	29·63	49·3	44·7	43·4	52·2	2·9	2·0	·282	·251	80	86	SW 4	W 1	10	9	·240	● noon—4p.
Mean	29·932	29·936	45·8	45·4	40·0	53·0	2·5	2·2	·256	·259	82·5	84·5	2·5	2·1	7·8	5·4	2·140	

ARMAGH.—MARCH 1893.

Height above Mean Sea Level, 196 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 39′ W. Lat. 54° 21′ N. Gravity Correction, + ·025 in.

1	28·99	29·18	47·6	46·6	37·0	51·5	1·0	1·6	·305	·280	93	89	SW 3	SW 4	10	10	·033	
2	29·65	·79	50·0	45·7	44·5	53·7	3·0	0·9	·286	·287	80	94	WSW 1	ESE 2	9	10	·270	
3	·76	·68	48·8	49·9	44·0	53·0	1·0	1·3	·321	·326	93	91	S 1	SW 2	10	10	·060	Overcast all day.
4	29·80	29·91	47·0	46·8	42·0	52·1	2·6	1·1	·262	·294	82	92	SW 3	SW 2	2	10	—	
5	30·01	30·11	50·0	47·7	45·9	51·0	1·9	2·2	·312	·279	87	85	WSW 2	WNW 1	10	10	·018	Overcast all day.
6	29·99	·10	47·9	46·5	45·0	55·7	0·3	1·7	·325	·277	98	88	SW 2	SW 1	10	10	·060	
7	30·08	·15	50·4	43·0	42·1	55·2	0·7	0·8	·349	·259	95	94	W 2	WSW 1	10	0	—	
8	30·14	30·03	46·4	44·9	37·1	52·8	1·3	0·8	·284	·278	91	94	SSW 1	SW 2	10	10	—	
9	29·88	29·96	48·6	38·5	38·0	52·9	1·6	1·9	·302	·196	89	85	SW 3	W 1	10	0	—	
10	30·13	30·10	49·0	41·5	36·7	52·8	4·2	2·7	·251	·207	72	80	WNW 3	WSW 1	0	10	—	
11	29·89	29·72	43·6	42·7	38·2	49·0	2·9	1·9	·222	·234	78	86	SW 4	SW 2	8	9	—	
12	·48	·35	43·0	47·6	38·5	48·5	1·7	1·3	·240	·298	86	91	SSW 2	SW 2	10	10	·024	
13	·53	·55	47·0	39·6	36·4	51·0	3·4	2·0	·245	·204	77	84	N 0·5	SW 0·5	8	9	—	
14	·47	·41	43·8	44·8	32·2	47·2	3·3	2·1	·217	·250	75	85	SW 3	SW 3	10	8	·040	
15	·35	·30	46·5	41·4	39·9	50·0	2·9	1·8	·251	·224	80	87	WSW 3	SW 2	9	10	·140	
16	·35	·48	38·2	33·4	32·2	42·5	2·2	0·6	·188	·179	82	93	WSW 2	W 1	8	10	·195	▲ ✳ showers during day.
17	29·64	29·90	38·0	36·8	30·1	42·2	4·3	3·0	·153	·165	66	75	NW 3	WSW 1	4	6	·028	
18	30·07	30·14	39·3	39·0	32·3	44·0	3·6	2·1	·174	·197	73	83	WSW 0·5	S 1	10	10	—	
19	·15	·14	44·0	44·7	37·0	49·1	1·2	0·9	·261	·275	90	93	SSW 1	WSW 0·5	10	9	·020	
20	·14	·06	47·6	38·4	36·1	54·3	3·9	1·5	·242	·202	73	88	SSW 1	SSE 1	8	0	—	
21	·06	30·02	48·0	45·8	32·0	56·4	4·8	3·7	·228	·229	68	75	S 2	S 1	2	0	—	early a.
22	30·01	29·95	50·8	46·6	31·7	57·5	5·0	3·8	·254	·233	69	74	S 1	S 1	0	0	—	Fine all day.
23	29·94	30·00	51·4	48·1	33·4	60·3	5·4	2·2	·251	·282	66	84	S 3	S 1	8	2	—	
24	30·05	·11	55·4	46·0	37·7	61·0	5·4	2·4	·299	·257	68	83	SSE 2	S 1	0	2	—	Fine day.
25	·18	30·15	51·6	45·1	38·0	62·0	2·9	2·4	·309	·246	80	82	SW 0·5	S 0·5	8	8	—	
26	30·07	29·98	48·6	44·8	37·2	57·5	1·6	0·8	·302	·278	89	94	E 1	NE 1	10	4	—	
27	29·97	·89	42·5	41·5	37·0	45·7	1·8	1·5	·234	·230	86	88	ENE 1	ENE 0·5	10	10	—	
28	·89	·83	48·0	44·0	38·2	57·0	3·3	2·9	·257	·226	77	78	E 2	E 1	2	0	—	
29	·78	·73	53·1	52·6	33·2	60·9	6·6	4·3	·247	·288	62	73	NE 0·5	WSW 1	10	9	—	
30	·69	·50	48·3	47·4	39·8	57·7	2·5	7·4	·281	·178	84	54	SSW 1	SSW 1	10	0	—	
31	29·38	29·53	48·2	44·5	38·8	54·8	1·7	0·8	·295	·275	89	94	S 3	SW 1	10	10	·148	Overcast all day.
Mean	29·823	29·830	47·2	44·1	37·5	52·9	2·8	2·1	·263	·246	80·6	85·0	1·9	1·3	7·6	6·6	0·996	

Markree Castle (Sligo).—March 1893.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27′ W. Lat. 54° 11′ N. Gravity Correction, + ·024 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·05	29·33	47·2	48·2	36·4	50·7	0·2	2·8	·320	·270	99	81	Calm 0	W 6	7	10	·070	↙ in evening.
2	·73	·81	50·0	49·0	45·1	55·9	1·0	0·1	·334	·345	93	99	SW 1	SE 1	10	10	·320	Overcast all day.
3	·76	29·75	51·7	48·0	47·4	53·2	1·1	0·9	·355	·312	92	94	SSW 3	SSW 2	10	10	·040	Overcast all day.
4	29·91	30·02	46·2	48·4	42·1	52·4	2·2	1·3	·263	·308	85	91	WSW 2	SW 3	9	10	·020	
5	30·13	·18	49·8	47·0	46·2	54·8	1·8	1·9	·312	·277	87	87	SW 1	SSE 0·5	10	10	·050	
6	·11	·20	48·1	47·0	44·9	51·2	0·2	1·1	·331	·296	98	92	WNW 2	SSW 0·5	10	10	·020	
7	·19	·26	51·0	42·4	41·3	53·6	1·0	0·4	·348	·262	93	97	W 1	W 0·5	10	10	·010	Overcast all day.
8	30·22	·12	49·1	45·1	34·3	54·6	1·8	0·9	·304	·279	87	93	SW 0·5	SSW 1	10	10	—	
9	29·99	·09	48·2	44·0	42·2	53·4	1·0	4·3	·312	·200	93	69	SSW 1	WNW 4	10	5	·040	
10	30·24	30·17	47·0	41·9	37·7	53·5	3·9	2·0	·235	·226	74	86	WNW 2	SSW 1	8	9	—	
11	29·97	29·79	43·2	40·1	34·6	52·0	1·2	1·0	·253	·227	90	92	S 1	SSE 1	10	5	—	∞ 9p.
12	·53	·42	44·0	47·2	39·0	50·3	1·5	1·3	·255	·294	88	91	SSW 2	S 1	10	9	·030	
13	·61	·62	45·6	33·5	32·9	49·5	2·6	0·4	·241	·184	81	95	N 0·5	Calm 0	9	7	—	
14	·57	·51	43·2	45·3	28·5	49·0	2·2	0·5	·232	·291	83	96	SSW 1	SSW 2	10	10	·050	Overcast all day.
15	·46	·39	46·1	42·2	41·3	49·6	1·9	1·1	·268	·245	86	91	WSW 1	SSW 2	10	10	·030	
16	·47	29·62	37·3	36·2	33·1	44·8	1·9	1·9	·186	·178	84	84	WNW 2	W 2	9	10	·350	▲ showers.
17	29·81	30·01	36·5	39·9	32·9	43·3	1·5	1·0	·187	·226	87	92	NW 3	NNW 2	8	10	·090	▲ showers in past n, ground covered.
18	30·12	·19	40·7	44·2	35·1	44·4	1·5	0·2	·222	·285	88	98	SE 1	SSE 0·5	10	10	·170	Overcast all day.
19	·22	·21	43·9	45·7	40·0	48·6	0·1	0·6	·285	·293	99	96	Calm 0	SE 0·5	10	8	·010	≋ a.
20	·19	·10	46·1	41·2	35·1	53·7	2·5	2·1	·256	·215	82	84	SSE 1	SE 0·5	7	4	—	∞ 9p.
21	·09	30·06	41·5	43·8	33·4	56·0	1·4	1·8	·232	·246	89	86	SE 1	SE 1	10	4	—	
22	30·04	29·98	46·0	44·4	34·2	59·9	3·9	1·9	·227	·251	74	86	SE 1	SE 0·5	2	2	—	∞ p.
23	29·99	30·04	46·0	51·0	37·4	58·6	2·0	1·0	·265	·348	86	93	SE 1	SE 1	9	9	—	
24	30·06	·11	49·0	50·2	41·9	60·0	3·0	3·2	·276	·284	79	79	SE 3	S 2	8	9	—	
25	·23	·22	48·6	47·8	46·0	54·6	0·8	1·4	·323	·298	95	92	SSE 0·5	NW 1	10	10	—	∞ 9a. Overcast all day.
26	·15	30·05	48·6	47·8	36·4	55·7	0·8	1·9	·323	·286	95	86	NNE 1	Calm 0	10	10	—	
27	30·02	29·92	44·5	38·1	35·6	49·4	1·8	0·9	·253	·212	87	92	ESE 3	Calm 0	10	10	—	∞ 9p.
28	29·91	·85	48·5	47·1	37·0	59·2	4·0	4·8	·249	·219	73	68	ESE 1	SSE 1	6	9	—	∞ 9a.
29	·81	·82	50·0	43·0	41·7	64·0	5·3	0·7	·239	·262	67	94	SE 2	Calm 0	9	8	—	
30	·77	·54	43·0	48·6	37·0	58·1	0·3	1·6	·270	·302	98	89	S 0·5	S 1	10	10	—	≋ before 9a. ∞ 9a.
31	29·41	29·62	49·5	42·1	41·6	51·8	2·4	1·2	·294	·242	84	90	S 3	Calm 0	10	10	·190	Overcast all day.
Mean	29·895	29·902	46·1	44·5	38·5	53·1	1·8	1·5	·273	·263	87·0	89·1	1·4	1·2	9·1	8·6	1·550	

Dublin (Phœnix Park).—March 1893.

Height above Mean Sea Level, 155 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 21′ W. Lat. 53° 22′ N. Gravity Correction, + ·022 in.

1	29·11	29·39	49·4	48·7	39·6	55·8	2·0	3·3	·303	·266	87	78	SW 2	W 5	8	9	·050	● 0 showers. Squally ↙ n.
2	·76	·89	50·3	47·8	44·9	54·6	2·3	1·1	·306	·306	84	92	W 2	Calm 0	7	9	·110	Squally ↙ till 3a. Cloudy day. ● 0 [4p.—9p.
3	·87	29·80	50·0	50·8	42·8	55·9	1·2	1·4	·329	·336	92	90	SE 1	WSW 1	6	8	·040	Cloudy day. ● 0 p.
4	29·94	30·03	46·8	47·7	42·6	52·2	2·3	2·7	·266	·267	84	81	W 2	W 2	1	8	·005	
5	30·09	·19	49·7	48·6	45·8	54·0	1·4	2·7	·321	·278	90	81	W 2	W 2	8	6	—	
6	·12	·19	45·9	45·5	41·7	54·5	1·2	2·0	·283	·259	93	85	W 1	NW 1	9	2	·040	Dull, with ● 0 showers a. Bright p.
7	·18	·24	49·3	47·4	43·8	53·5	1·3	1·2	·318	·298	91	91	W 1	Calm 0	9	1	·020	Cloudy, with ● 0 showers.
8	30·25	·13	48·5	47·2	41·5	51·0	3·4	2·0	·261	·278	77	86	Calm 0	W 1	8	1	—	
9	29·99	·06	47·6	42·0	41·1	52·5	2·6	2·5	·268	·216	82	82	W 2	WNW 1	5	0	—	
10	30·23	30·21	41·8	40·7	34·7	50·8	2·9	2·3	·207	·208	79	82	W 2	Calm 0	1	1	—	Beautiful day.
11	30·01	29·83	44·6	42·5	33·0	55·0	3·9	2·4	·213	·222	72	82	WSW 2	W 1	6	0	—	Beautiful day.
12	29·59	·47	48·7	47·2	31·1	54·3	3·2	2·0	·268	·278	79	86	SW 2	Calm 0	1	8	·020	
13	·57	·62	44·2	39·9	38·7	49·8	2·4	2·6	·238	·196	82	79	E 1	Calm 0	8	1	·005	● 0 a. and p.
14	·60	·56	44·7	46·1	37·7	50·1	2·7	2·7	·236	·251	80	81	WNW 1	W 3	6	8	—	
15	·51	·44	46·6	44·3	43·6	54·0	1·9	2·6	·273	·235	87	80	WSW 2	W 2	9	4	·035	Cloudy, with ● 0 showers.
16	·44	·63	41·1	34·4	33·2	45·1	3·1	1·9	·196	·162	76	81	WNW 2	W 2	6	1	·030	● 2 ▲ 2 ✳ 0 p. Clear n.
17	29·77	29·98	38·9	40·0	32·6	43·6	3·0	2·7	·180	·194	77	78	WNW 2	W 1	1	7	·005	✳ 0 6a. ▲ 2 showers p.
18	30·12	30·20	40·1	39·3	34·8	44·0	3·2	2·2	·186	·198	74	83	Calm 0	Calm 0	8	9	·045	
19	·24	·22	43·6	43·4	38·0	52·0	1·0	1·1	·261	·258	92	91	Calm 0	Calm 0	9	4	—	
20	·22	·13	45·9	32·4	31·8	54·8	2·8	1·1	·247	·160	81	87	Calm 0	Calm 0	2	0	—	Beautiful day.
21	·12	·12	48·4	45·5	29·7	60·3	3·8	3·3	·252	·233	75	76	Calm 0	Calm 0	1	0	—	Beautiful day.
22	·09	·03	50·0	37·7	28·3	58·5	5·1	1·3	·243	·201	68	89	SE 1	Calm 0	1	0	—	Beautiful day.
23	·02	·06	50·2	43·3	31·0	62·8	4·1	2·0	·265	·237	74	84	Calm 0	Calm 0	6	0	—	Beautiful day.
24	·13	·17	50·4	39·6	34·6	63·5	2·7	1·1	·298	·221	82	91	Calm 0	Calm 0	1	1	—	Beautiful day.
25	·24	·21	51·5	38·5	30·5	58·9	4·5	1·3	·271	·207	71	89	Calm 0	Calm 0	1	2	—	Beautiful day.
26	30·13	30·03	51·6	38·8	34·1	59·2	4·8	1·4	·267	·209	71	89	Calm 0	Calm 0	2	1	·005	Bright a. ● 0 3p. ≋ n.
27	29·99	29·91	43·1	43·9	28·8	44·6	1·6	2·1	·244	·242	87	84	E 1	Calm 0	9	9	—	≋ 0 a. Dull and cloudy.
28	·92	·89	48·2	40·0	34·1	57·5	3·5	2·0	·255	·207	76	84	ESE 1	Calm 0	1	2	—	Beautiful day. Clear n. ☿
29	·84	·82	52·3	53·8	37·8	63·4	5·1	5·1	·267	·284	68	69	E 1	SW 1	5	8	—	
30	·79	·63	48·8	47·9	37·1	60·0	3·1	3·6	·272	·251	79	76	NW 1	SW 1	2	2	—	Beautiful day. Clear n. ☿
31	29·52	29·62	50·1	44·9	38·8	57·1	3·5	1·3	·277	·268	77	91	SW 2	Calm 0	6	9	·050	Cloudy day. ● 4p.—9p.
Mean	29·916	29·926	47·2	43·5	36·7	54·3	2·9	2·2	·260	·240	80·2	83·8	1·1	0·8	4·9	3·9	0·460	

Parsonstown (Birr Castle).—March 1893.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar., − 2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 inches.
Long. 7° 55′ W. Lat. 53° 6′ N. Gravity Correction, + ·021 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·09	29·41	48·7	48·7	37·3	52·2	1·3	2·8	·311	·277	91	81	SW 1	SW 3	8	10	·020	Squally, with ●.
2	·72	·78	49·9	50·7	45·3	53·7	1·2	0·8	·328	·350	92	94	SW 1	Calm 0	10	10	·195	Dull and gloomy, with ●.
3	·79	29·77	50·2	49·7	47·3	55·2	0·5	1·6	·351	·316	97	89	SE 1	Calm 0	10	10	·052	Dull, with ●.
4	29·94	30·05	45·7	45·7	39·8	51·7	1·8	0·8	·267	·290	87	95	SW 1	Calm 0	8	4	—	
5	30·12	·19	49·2	47·7	43·3	51·5	1·3	2·3	·318	·276	91	84	W 1	Calm 0	10	10	·035	
6	·10	·19	47·2	45·7	43·8	54·5	0·3	1·0	·318	·285	98	94	SW 1	Calm 0	10	10	—	
7	·17	·23	48·7	49·7	44·6	54·5	0·8	0·8	·324	·336	94	94	SW 1	Calm 0	10	10	·040	Dull, with ≋ 0 (mist) a. Dull, with [● 0 p.
8	·22	·13	46·7	46·5	42·8	50·2	0·6	0·8	·304	·298	95	94	Calm 0	Calm 0	10	10	—	Dull and mild.
9	·01	·09	47·7	39·9	39·8	51·5	1·8	1·0	·288	·226	87	92	SW 1	SW 1	10	0	—	≋ 0 (mist) a.
10	·23	30·18	39·7	38·9	31·8	51·7	1·0	1·0	·224	·218	92	93	Calm 0	Calm 0	0	0	—	—0 n. Fine and bright. ≋ 0 (mist) [9 p.
11	30·00	29·81	41·7	40·2	31·6	53·7	2·6	0·8	·211	·232	81	93	Calm 0	Calm 0	6	0	—	⌣ n. Fine and bright.
12	29·55	·44	44·2	46·7	33·8	51·3	0·8	1·8	·272	·277	94	87	Calm 0	SW 1	10	10	—	Dull day.
13	·54	·56	44·7	45·7	40·3	50·7	0·8	0·8	·278	·290	94	95	Calm 0	Calm 0	10	10	—	Dull, with ≋ 0 (mist).
14	·59	·57	43·5	45·2	37·6	48·7	1·8	1·3	·244	·271	85	90	Calm 0	SW 1	10	10	—	Dull day.
15	·50	·45	46·7	43·7	42·8	51·2	0·8	1·3	·301	·256	94	89	SW 2	SW 1	10	8	·052	Dull, with ● 0.
16	·47	29·64	40·9	34·8	32·8	45·2	2·0	1·9	·215	·164	85	82	SW 1	SW 1	9	0	·015	● 0 n. Cold and cloudy, with ▲.
17	29·79	30·00	40·9	43·7	33·7	47·7	3·0	2·8	·197	·225	78	78	W 1	Calm 0	9	10	·122	≋ 0 (mist) a. Cloudy, with ▲ 0.
18	30·08	·15	41·7	44·7	38·8	49·0	1·6	0·8	·230	·278	88	94	SE 1	SW 1	10	10	·172	≋ 0 (mist) a. Fine and mild.
19	·19	·17	44·5	46·7	40·8	51·7	1·1	1·3	·268	·289	91	91	Calm 0	Calm 0	10	10	—	≋ 0 (mist) 9 a. Dull and mild.
20	·16	·08	44·7	38·5	34·8	53·0	2·0	0·8	·251	·217	86	93	Calm 0	Calm 0	0	0	—	Fine and bright.
21	·04	30·04	47·7	42·9	35·8	59·5	2·6	1·5	·269	·244	82	88	SE 1	Calm 0	5	0	—	Fine and bright.
22	30·01	29·95	48·1	45·7	35·8	60·7	3·4	1·8	·256	·267	76	87	Calm 0	Calm 0	0	0	—	Fine and bright.
23	29·95	30·02	46·7	49·7	37·8	60·7	1·4	1·8	·286	·312	90	88	SE 1	Calm 0	9	10	—	
24	30·05	·10	45·7	45·9	37·8	60·1	1·3	1·5	·278	·276	91	90	SE 1	SE 1	8	6	—	
25	·19	30·17	50·7	49·9	40·3	63·9	2·8	2·0	·302	·274	81	86	Calm 0	Calm 0	2	0	—	Fine, bright and warm.
26	30·10	29·99	45·7	47·2	39·8	57·7	0·6	1·3	·293	·294	96	91	Calm 0	Calm 0	10	10	—	≋ 0 (mist) a. and p.
27	29·92	·85	42·7	41·2	35·0	48·7	0·6	0·8	·261	·242	95	94	SE 1	Calm 0	10	10	—	Dull, with ≋ 0 (mist).
28	·83	·79	49·7	51·7	34·3	60·7	5·0	4·8	·243	·268	68	70	SW 1	Calm 0	0	9	—	Fine and bright. ≋ 0 (mist) 9p.
29	·79	·80	51·5	50·9	44·8	61·7	3·2	2·0	·300	·323	79	87	SW 1	Calm 0	5	9	—	Dull a.
30	·74	·58	50·7	48·7	40·3	61·5	2.3	1·8	·312	·301	85	87	Calm 0	Calm 0	4	10	—	Fine and bright.
31	29·44	29·58	50·5	44·5	42·8	54·2	2·4	0·6	·307	·280	84	95	SW 1	Calm 0	10	10	·074	Dull, with ●.
Mean	29·881	29·895	46·4	45·4	39·0	54·2	1·7	1·5	·278	·273	88·0	89·2	0·6	0·3	7·5	7·0	0·777	

Deerness.—April 1893.

Height above Mean Sea Level, 169 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45′ W. Lat. 58° 56′ N. Gravity Correction, + ·036 in.

1	29·59	29·69	44·2	42·2	39·0	47·8	3·5	4·2	·216	·188	74	71	SW 5	SW 6	1	1	—	
2	·74	·68	45·2	48·0	39·2	50·8	3·2	2·4	·231	·276	77	83	SW 5	SW 8	1	10	·450	
3	29·81	29·98	47·4	46·0	45·6	50·5	0·6	1·0	·313	·287	96	93	WSW 7	W 5	10	7	—	
4	30·09	30·10	47·4	43·0	42·0	50·8	2·4	0·6	·270	·264	83	95	WSW 2	SSE 1	9	0	—	
5	·01	29·92	45·3	45·0	41·2	47·2	1·0	1·3	·279	·268	92	90	SE 3	S 4	0	0	—	Fine day. ∞
6	·03	30·19	51·0	45·0	42·0	53·8	2·5	1·0	·311	·275	83	92	W 2	N 2	3	10	—	
7	·51	·38	45·7	41·3	41·0	48·0	0·7	1·3	·291	·232	95	90	NE 3	N 2	10	1	—	≋ 0 (mist). Very fine.
8	·44	·40	42·4	38·0	37·5	50·8	0·4	0·0	·262	·228	97	100	W 1	S 1	10	6	—	≋ 0 (mist) all day.
9	·25	·11	45·0	45·0	37·0	54·8	0·8	1·0	·280	·275	94	92	S 3	W 4	0	1	—	Fine day.
10	·21	·24	42·7	37·3	37·0	46·5	5·0	1·3	·198	·197	72	89	NNW 3	NE 2	10	0	—	
11	·27	·25	40·5	37·0	34·0	42·9	2·5	2·0	·202	·182	80	83	W 2	Calm 0	8	0	—	
12	·11	·19	45·6	38·6	35·2	49·8	0·8	3·4	·288	·171	94	74	W 5	N 3	8	3	—	
13	30·22	30·10	41·0	40·0	35·0	46·8	5·0	1·3	·164	·220	64	90	NW 1	SW 2	3	1	—	
14	29·90	29·78	46·4	45·2	38·0	49·8	2·1	1·0	·267	·278	85	93	WSW 5	WSW 5	10	9	·170	
15	29·58	29·88	43·0	35·0	34·5	46·8	3·0	3·6	·215	·139	78	68	NW 6	NNW 4	10	10	—	
16	30·01	30·10	35·0	34·0	32·0	38·8	3·0	4·0	·148	·122	72	62	NNW 4	NNE 2	9	10	—	▲ showers.
17	30·10	29·87	38·4	41·2	33·0	41·8	5·2	2·2	·142	·213	61	83	SE 5	SSE 6	8	10	·030	
18	29·68	·67	45·7	47·0	40·0	51·8	0·7	1·0	·291	·298	95	93	S 4	S 1	10	10	·180	● 0 a. ∞
19	·70	29·76	48·4	48·0	45·2	53·5	0·9	2·0	·318	·285	94	86	S 2	SE 2	9	1	—	∞
20	29·80	30·07	52·7	42·0	41·4	55·8	2·5	1·7	·331	·231	83	87	SW 2	NNW 1	10	1	—	T a. ∞
21	30·11	30·06	47·8	43·5	39·0	51·8	5·2	1·7	·219	·244	67	87	NNW 1	SE 3	1	0	—	Fine day.
22	29·98	29·98	47·0	44·7	42·0	48·8	4·0	1·7	·233	·258	73	87	SSE 6	SE 4	0	0	—	Fine day. ∞ 0.
23	·97	·94	49·0	45·8	43·5	50·2	3·3	1·8	·270	·267	77	87	SE 5	SSE 3	1	0	—	Fine day.
24	·95	·97	51·3	45·3	43·0	57·3	2·7	0·1	·310	·299	82	99	S 1	N 3	0	10	—	≋ from 6p.
25	·99	·99	49·0	47·0	42·7	54·5	0·5	1·0	·335	·298	97	93	W 3	N 1	10	10	—	≋ all day.
26	·89	·82	49·0	45·0	44·2	52·4	1·4	1·0	·312	·275	90	92	Calm 0	NW 2	9	0	—	≋ 9a.
27	·80	·72	50·7	46·6	43·5	54·8	1·7	1·4	·326	·285	88	90	W 3	S 2	9	9	—	
28	·68	·64	50·0	43·3	42·5	51·8	5·0	2·3	·245	·231	68	82	W 5	WSW 3	3	1	·080	
29	·50	·49	48·0	41·0	38·0	50·8	4·3	1·8	·237	·219	71	86	SW 2	N 1	7	1	·230	
30	29·50	29·60	45·0	40·8	38·0	48·6	3·0	1·8	·233	·217	78	86	W 2	W 2	7	1	—	▲ shower p.
Mean	29·040	29·951	46·0	42·7	39·5	50·0	2·5	1·7	·258	·241	82·0	85·8	3·3	2·8	6·2	4·1	1·140	

DUNROBIN CASTLE.—APRIL 1893.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot. Long. 3° 56′ W. Lat. 57° 59′ N. Gravity Correction, + ·034 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·73	29·90	44·9	42·6	38·7	56·5	0·6	1·1	·283	·249	95	91	W	W	—	—	—	
2	30·06	30·00	48·2	48·5	40·2	49·5	1·7	1·0	·295	·316	89	93	W	W	—	—	—	Fine and mild.
3	·06	·21	51·7	41·2	38·3	54·3	1·7	2·7	·339	·205	88	80	W	W	—	—	·150	
4	·26	·27	52·0	41·4	38·9	56·5	1·6	0·9	·345	·242	89	93	SW	E	—	—	—	Dull day.
5	·18	·08	43·4	39·0	37·3	55·0	1·4	1·5	·251	·209	89	88	E	E	—	—	—	Fine, sunny, and clear.
6	·19	·35	56·5	46·4	38·7	59·3	1·1	0·9	·424	·294	93	94	W	W	—	—	—	≋² (mist).
7	·48	·55	48·7	47·4	40·2	57·3	1·2	2·1	·314	·277	92	85	W	W	—	—	—	Fine and sunny, then dull.
8	·63	·56	46·6	45·9	39·5	54·5	0·9	1·4	·297	·278	94	91	W	W	—	—	—	Fine and mild.
9	·39	·28	41·4	48·0	36·5	53·5	1·7	3·7	·226	·249	88	75	S	NW	—	—	—	Cold, with ≋⁰ (mist).
10	·39	·40	43·9	40·2	34·5	62·4	1·6	1·7	·252	·215	87	87	W	W	—	—	—	Fine, clear, and sunny.
11	·49	·46	41·4	40·4	35·0	42·0	3·1	2·9	·199	·194	77	78	W	W	—	—	—	Dull day.
12	·41	·41	46·3	41·9	34·3	52·5	2·3	1·4	·261	·237	84	90	W	NW	—	—	—	Fine and sunny.
13	·39	·30	43·4	40·4	34·7	50·5	4·0	2·9	·185	·194	66	78	W	W	—	—	—	Cloudy *a.* Fine *p.*
14	30·19	·09	46·4	45·9	35·5	50·5	4·1	2·4	·227	·256	73	84	W	W	—	—	—	Fine and sunny.
15	29·90	·08	51·7	38·4	34·5	52·5	3·4	3·9	·298	·162	78	70	W	E	—	—	—	Dull day.
16	30·19	30·23	37·4	34·8	31·5	53·5	4·7	1·7	·143	·168	64	83	E	E	—	—	·230	Dull *a.*, with ● showers.
17	30·23	29·98	36·3	44·4	33·5	48·3	1·3	0·7	·190	·276	89	95	E	E	—	—	—	Dull *a.* Colder *p.*
18	29·96	·87	49·5	53·0	42·2	53·3	1·8	1·5	·309	·361	88	90	E	W	—	—	·190	Cold wind *a.*
19	·86	29·90	49·7	56·3	48·5	66·2	1·7	2·8	·312	·374	88	82	W	E	—	—	·050	●² showers *a.* Fine and mild *p.*
20	29·99	30·29	46·4	45·4	39·7	67·5	1·7	1·9	·275	·260	88	87	W	NW	—	—	·060	Fine and mild *a.* Dull *p.*
21	30·28	·30	48·7	46·4	38·9	63·5	3·2	1·7	·268	·275	79	88	W	E	—	—	·100	Dull *a.* ● showers. Mild *p.*
22	·14	·12	45·9	52·5	42·2	53·3	1·6	5·2	·273	·267	89	68	E	E	—	—	—	Fine and clear.
23	·10	·15	54·5	53·5	45·2	61·2	7·5	4·8	·244	·287	57	70	E	NE	—	—	—	Dull and mild.
24	·11	·15	55·5	48·5	42·5	66·5	7·2	1·8	·263	·297	60	87	E	NW	—	—	—	Fine and clear.
25	·18	·14	48·7	53·5	45·7	67·3	1·7	5·5	·301	·272	88	66	E	NE	—	—	—	Fine and clear.
26	30·07	30·05	48·5	49·5	39·7	59·3	3·5	1·0	·259	·328	76	93	NW	W	—	—	—	Dull, with ∞.
27	29·99	29·92	51·5	49·5	40·9	55·5	3·0	1·8	·305	·309	80	88	W	W	—	—	—	Dull, with ∞.
28	·91	·85	48·5	47·4	40·7	58·5	1·0	2·1	·316	·277	93	85	W	NW	—	—	·060	Dull *a.* ● showers *p.*
29	·74	·72	45·4	39·6	36·7	54·3	3·1	1·1	·236	·221	78	91	W	NW	—	—	·050	Fine day.
30	29·74	29·83	42·6	40·4	34·5	52·7	2·0	1·7	·219	·216	81	87	W	NW	—	—	·530	Fine *a.* Dull *p.*
Mean	30·141	30·144	47·2	45·4	38·6	56·3	2·6	2·2	·270	·259	82·7	84·6	—	—	—	—	1·450	Dull, with ● showers.

BRAEMAR.—APRIL 1893.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches. Long. 3° 24′ W. Lat. 57° 0′ N. Gravity Correction, + ·030 in.

1	28·70	28·80	42·0	39·0	36·0	48·2	3·8	4·2	·193	·161	73	69	SW 1	SW 1	7	6	·020	Fine day.
2	28·87	28·86	41·8	45·6	35·2	49·8	2·6	5·0	·213	·204	81	66	NW 2	SW 0·5	6	8	—	Dull and gusty.
3	29·02	29·04	46·6	50·9	39·7	54·3	3·4	1·0	·241	·226	76	92	W 2	W 0·5	8	2	—	Fine and clear.
4	·07	29·10	40·6	42·6	25·2	59·8	3·1	4·1	·193	·194	76	72	S 0·5	S 0·5	0	0	—	Fine and clear.
5	·00	28·96	38·6	42·0	26·8	59·2	2·0	2·5	·196	·216	84	82	S 0·5	SW 0·5	0	0	—	Fine and clear.
6	·01	29·10	45·6	47·4	30·0	59·8	1·9	2·1	·263	·277	86	85	SW 0·5	NE 2	0	10	—	Cloudy day. 8*p.*–11*p.*
7	·25	·31	46·3	42·4	42·0	55·6	2·3	1·9	·261	·231	84	86	E 0·5	NE 0·5	8	9	—	Fine day.
8	·38	·37	43·6	40·3	37·0	59·3	3·1	3·4	·219	·185	77	73	NE 0·5	NE 0·5	0	0	—	Fine day.
9	·26	·17	43·0	39·8	23·0	63·0	6·4	1·0	·166	·225	57	92	NE 0·5	SW 0·5	0	0	—	Fine and clear.
10	·19	·18	37·8	37·3	27·3	45·0	1·9	1·4	·191	·195	84	88	SW 2	NE 0·5	8	10	—	Dark day.
11	·22	·24	38·3	35·1	31·2	45·5	1·6	2·6	·200	·155	87	75	NE 1	SE 0·5	8	2	·100	Fine day.
12	·17	·12	41·8	40·3	24·2	50·0	4·1	1·8	·187	·214	72	86	SW 1	N 1	7	9	·010	Fine *a.* Damp *p.*
13	29·18	29·09	38·0	43·0	28·2	55·0	3·5	3·5	·165	·206	72	75	NE 0·5	NE 0·5	2	1	—	Fine and clear.
14	28·98	28·88	44·6	43·6	33·5	50·7	4·9	3·1	·196	·219	66	77	SW 4	SW 1	7	7	—	Fine day.
15	·72	28·83	44·8	34·7	33·8	49·4	3·7	1·2	·218	·178	74	89	SW 4	E 1	8	10	·400	Dull *a.* ✳ ● (sleet) ✳ *p.*
16	28·94	29·01	32·9	32·9	30·3	36·0	1·6	2·1	·154	·144	82	77	NE 0·5	NE 0·5	9	9	—	
17	29·04	28·92	33·0	37·1	30·3	37·3	1·7	1·6	·153	·190	81	86	S 1	SW 0·5	9	10	—	
18	28·77	·73	43·8	48·6	36·0	50·2	1·3	1·3	·257	·310	90	91	SW 0·5	S 0·5	10	10	·100	Mild day.
19	·75	28·78	51·4	53·6	44·2	63·5	2·9	4·5	·307	·294	81	72	S 0·5	SW 1	8	8	·030	Very fine.
20	28·83	29·03	55·6	44·6	43·2	66·8	1·9	2·1	·389	·248	87	84	SW 0·5	E 0·5	7	9	·330	T ●
21	29·06	29·04	42·4	42·3	39·7	49·8	1·7	1·1	·235	·246	87	92	E 0·5	S 0·5	10	0	—	
22	29·01	28·99	46·8	52·9	31·7	69·0	3·6	3·4	·239	·313	75	78	NW 0·5	SW 0·5	2	0	—	Very fine.
23	28·94	·98	50·8	48·4	34·0	62·0	4·3	4·9	·268	·231	72	68	S 0·5	S 0·5	0	0	—	Very fine.
24	·93	·94	53·9	52·8	30·7	71·0	6·4	3·3	·259	·314	62	78	S 0·5	E 0·5	0	0	—	Very fine.
25	·94	·94	56·6	50·6	36·3	61·7	4·1	3·3	·345	·287	75	78	E 0·5	NE 0·5	2	6	—	Very fine.
26	·89	·86	51·8	47·6	46·7	60·4	3·0	2·7	·309	·267	80	81	NE 0·5	N 0·5	8	4	—	Very fine.
27	·81	·74	51·8	50·9	35·2	62·2	5·3	4·6	·259	·262	68	71	N 0·5	SW 1	5	7	·020	Very fine.
28	·73	·70	46·7	40·9	38·8	51·5	5·4	3·1	·205	·195	65	77	NW 1	SW 1	7	7	—	Very fine.
29	·53	·51	43·3	37·6	36·0	48·8	2·8	1·1	·222	·204	79	91	SW 1	NW 0·5	7	9	·210	✳ ● (sleet) ✳ *p.*
30	28·56	28·68	43·3	36·7	34·2	46·1	4·8	2·2	·186	·177	66	82	NW 1	NW 0·5	8	2	·010	Cold, with ✳ ▲ showers.
Mean	28·957	28·963	44·6	43·0	34·0	54·7	3·3	2·7	·230	·256	76·6	80·4	1·0	0·7	5·4	5·2	1·260	

LAUDALE.—APRIL 1893.

Height above Mean Sea Level, 14 feet. Heights above Ground:—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot. Long. 5° 41′ W. Lat. 56° 41′ N. Gravity Correction, + ·031 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·91	30·00	45·0	45·2	40·1	52·3	3·4	1·2	·235	·273	76	91	NW 2	NW 3	7	8	·040	▲ noon.
2	30·07	·13	50·0	50·4	43·0	53·5	4·8	2·7	·249	·298	69	82	NW 2	NW 3	4	10	—	
3	·14	·24	50·2	43·8	41·6	54·0	3·1	1·8	·285	·246	80	86	W 3	NE 1	10	0	—	
4	·25	·23	45·0	45·3	36·2	61·2	2·0	3·3	·253	·231	85	76	ESE 2	Calm 0	0	0	—	≋ (mist) till 8*a.* Day very fine.
5	·12	·04	53·0	56·7	36·2	62·6	6·0	7·4	·257	·272	64	60	E 1	Calm 0	0	0	—	∞ *a.* Day very fine.
6	·19	·30	54·0	48·0	46·2	60·0	4·0	1·0	·310	·309	74	93	Calm 0	Calm 0	3	10	·050	Sultry day. ⚲² 6.20*p.*–8*p.* ●
7	·46	·49	49·0	49·3	39·7	60·2	2·7	2·8	·283	·284	81	81	SE 1	S 1	0	0	—	Fine and clear.
8	·58	·56	47·7	45·0	37·7	59·2	2·1	2·3	·281	·247	85	83	Calm 0	Calm 0	0	2	—	Fine and clear.
9	·42	·38	55·3	43·0	37·9	63·6	1·1	1·3	·405	·249	92	90	E 2	Calm 0	0	1	—	Very fine day.
10	·35	·33	46·3	43·0	35·6	58·7	1·8	2·0	·272	·234	88	84	Calm 0	Calm 0	2	10	·040	≋ (mist) till 8*a.* Fine *a.* ● showers.
11	·43	·44	46·7	41·5	35·0	52·0	5·4	4·2	·205	·182	65	70	E 2	Calm 0	2	1	—	Cold day. Snow on hills. [*p.*
12	·44	·40	45·1	47·0	32·0	49·9	2·9	2·0	·236	·275	78	86	NE 2	Calm 0	4	10	·030	
13	·37	·33	47·0	40·2	38·0	55·5	2·0	1·4	·275	·220	86	89	Calm 0	Calm 0	6	0	—	≋ (mist) *a.* Dry fine and bright.
14	30·19	30·11	47·7	47·3	38·7	53·4	3·0	4·3	·261	·230	80	71	W 3	Calm 0	8	10	·020	Dull all day.
15	29·93	29·96	49·7	47·5	42·3	61·3	2·9	1·5	·286	·291	81	89	W 7	Calm 0	10	10	·630	⸝ *a.* ●² from 10*a.* Very warm.
16	30·05	30·12	40·5	40·7	37·0	49·6	1·5	1·2	·220	·229	88	90	SSE 4	E 4	10	10	·120	● *a.* Cold and stormy.
17	30·12	30·00	43·5	47·2	38·7	47·9	3·5	2·2	·210	·273	74	85	E 5	ESE 6	10	10	·040	
18	29·87	29·87	49·9	51·4	44·1	55·3	1·6	1·4	·318	·343	89	90	SSE 4	S 1	10	10	·200	● showers all day.
19	·87	29·81	59·3	63·0	48·8	67·4	5·3	8·0	·351	·337	69	59	Calm 0	Calm 0	10	10	—	Sultry day.
20	29·98	30·14	55·3	49·7	46·2	64·3	2·3	2·7	·372	·290	85	82	Calm 0	Calm 0	8	4	—	Sultry day. ∞
21	30·18	·10	53·3	51·3	45·7	59·0	3·4	4·0	·317	·280	77	74	E 2	E 4	10	1	—	T*n.* Cloudy *a.* Bright *p.*
22	·09	·00	58·2	57·0	47·0	71·6	6·2	4·9	·316	·329	65	71	E 2	Calm 0	1	2	—	Very fine and warm.
23	·02	·10	62·1	55·3	49·9	69·5	9·3	4·2	·296	·325	53	74	SE 3	Calm 0	0	0	—	Very fine and bright.
24	·11	·15	57·8	53·5	44·9	64·6	5·3	2·4	·332	·343	70	84	Calm 0	Calm 0	0	0	—	Very fine and bright.
25	·14	·11	52·5	49·2	45·3	63·9	1·8	2·1	·346	·298	88	86	Calm 0	Calm 0	2	0	—	≋ (mist) *a.* Day fine and clear.
26	·09	30·05	51·4	51·0	45·9	57·9	1·6	1·6	·338	·333	90	89	Calm 0	Calm 0	10	8	—	≋⁰ (mist) *a.* Bright *p.*
27	30·02	29·96	52·7	49·2	44·3	55·9	4·4	3·1	·287	·276	72	79	Calm 0	W 2	7	10	·020	
28	29·94	·89	49·0	46·0	42·2	53·4	4·2	3·4	·251	·236	72	77	N 4	N 2	6	6	·200	●⁰ showers.
29	·71	·76	40·7	43·7	39·4	48·8	1·1	2·2	·231	·238	91	83	NW 2	N 3	10	7	·200	Very cold. ●² ▲² showers.
30	29·80	29·87	45·7	39·0	36·9	48·8	3·4	1·6	·233	·207	76	87	N 4	Calm 0	8	3	·260	●² ▲² showers. Much snow on hills.
Mean	30·127	30·129	50·1	48·0	41·2	57·8	3·4	2·8	·283	·273	78·1	81·4	1·9	1·0	5·3	5·1	1·850	

DUNDEE.—APRIL 1893.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 9 inches. Rain-gauge, 1 foot. Long. 2° 56′ W. Lat. 56° 28′ N. Gravity Correction, + ·030 in.

1	29·71	29·86	44·8	42·6	41·3	51·6	2·5	2·5	·241	·221	81	82	W 1	W 1	10	0	—	Dull day.
2	·03	29·92	48·9	48·3	37·0	55·7	3·4	4·2	·267	·243	78	72	W 2	W 8	7	10	—	Cloudy day. ⸝ (gale) from 10*a.*
3	29·97	30·04	50·0	48·6	46·1	59·6	2·8	4·1	·291	·248	81	72	SW 2	SW 2	10	5	—	Dull till 11*a.*, then fine.
4	30·12	30·09	44·8	41·6	34·2	58·2	1·3	0·9	·267	·244	90	94	SW 1	SE 1	0	5	—	Fine day.
5	·05	29·98	43·6	42·5	34·6	57·1	0·9	0·9	·263	·252	93	93	E 1	E 1	5	0	—	≋ till 9*a.* Fine day.
6	·06	30·14	43·0	42·9	35·0	49·8	0·5	0·2	·266	·271	96	99	SE 1	SE 2	0	10	—	Dull, with ≋.
7	·27	·38	43·1	42·7	37·0	50·8	0·5	0·2	·267	·270	96	98	W 1	SE 1	10	10	—	Dull, with ≋. 9*p.*
8	·43	·43	45·5	38·3	37·6	54·2	2·4	1·7	·250	·198	83	86	NE 1	SE 1	10	0	—	Dull till 10*a.*, then fine.
9	·31	·15	43·6	39·8	28·3	50·4	2·4	0·4	·232	·237	82	97	SE 1	E 1	5	0	—	Fine day.
10	·21	·20	48·0	41·7	33·3	49·9	3·0	2·0	·263	·223	79	86	E 2	E 2	5	10	—	Dull day.
11	·31	·28	41·9	37·6	37·2	44·8	1·8	0·4	·228	·217	87	97	E 1	SE 1	10	10	—	Dull day. T 11.30*a.*
12	·24	·16	44·8	46·6	29·1	53·7	3·6	2·7	·220	·256	73	81	W 1	E 2	7	10	—	Dull from 11*a.*
13	·25	30·16	45·8	39·6	33·4	50·4	4·7	1·1	·210	·221	69	91	E 2	SE 1	5	10	—	Fine day.
14	30·04	29·93	46·5	46·7	33·8	55·6	2·4	3·2	·261	·247	83	79	W 1	W 1	10	10	—	Dull day.
15	29·74	29·86	48·8	37·1	36·7	55·7	2·3	0·1	·290	·219	84	99	W 10	E 8	10	10	·340	● from 6*p.*
16	29·98	30·05	35·6	36·6	32·2	38·9	0·3	1·6	·203	·186	98	86	NE 2	NE 2	10	10	·060	● and ✳ ● (sleet) *n.* and till 2*p.*
17	30·14	29·95	38·6	40·4	35·0	41·0	2·6	0·4	·185	·242	79	97	SE 4	SE 1	10	10	·200	Dull day. ●⁰ from 6.30*p.*
18	29·81	·75	44·8	49·1	39·7	51·1	0·2	0·1	·293	·347	99	99	SE 1	SW 1	10	10	·130	● *n.* and till 9*a.*, and from 5*p.*
19	·78	29·76	51·6	48·5	43·1	62·7	0·6	1·8	·366	·297	96	87	SW 1	SE 2	10	10	·070	Dull *a.* and *p.*
20	29·84	30·01	51·6	48·6	45·1	63·9	1·4	0·3	·345	·335	90	98	SW 1	SE 1	5	10	·500	⚲ from 5.30*p.*
21	30·11	·09	46·1	42·5	42·2	50·8	2·3	0·8	·260	·254	84	94	SE 2	SE 1	10	7	—	Dull till 1*p.*
22	·07	30·02	44·7	42·1	41·7	49·7	0·2	0·6	·292	·255	98	95	SE 1	SE 1	10	0	—	Dull day.
23	30·00	29·99	49·8	43·6	40·1	56·5	2·3	0·6	·300	·270	85	96	E 1	E 1	5	0	—	Fine day.
24	29·97	·96	47·9	45·1	35·1	61·6	0·4	0·3	·323	·293	98	97	E 1	E 1	0	0	—	Fine day.
25	·99	·98	53·1	44·3	38·9	56·6	3·0	0·1	·324	·289	80	99	SE 1	SE 1	5	10	—	∞
26	·91	·86	48·7	44·8	44·3	60·7	1·0	0·1	·319	·295	93	100	S 1	SE 1	10	10	—	Dull, with ∞.
27	·85	·73	57·5	48·8	39·5	60·5	3·5	0·8	·372	·325	78	94	SE 1	SE 1	7	10	·030	Dull from 5*p.* ● 8*p.*
28	·76	·72	52·8	44·1	40·9	58·2	4·3	2·0	·291	·245	73	84	NW 2	NW 1	5	5	·070	● showers 2*p.*–4*p.*
29	·57	·53	47·1	43·6	41·3	52·1	2·5	3·1	·265	·219	82	77	SW 2	NW 1	5	5	·100	● showers from 6*a.* ▲ 1.30*p.*
30	29·59	29·69	48·9	42·0	35·6	54·7	3·4	3·5	·267	·199	78	75	W 4	NW 4	5	10	—	Cloudy and fresh.
Mean	30·000	29·989	46·7	43·4	37·6	53·9	2·1	1·4	·274	·254	85·5	90·1	1·8	1·8	7·0	6·9	1·500	

GLASGOW.—APRIL 1893.

Height above Mean Sea Level, 180 feet. Heights above Ground:—Bar., 4 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 4° 18′ W. Lat. 55° 53′ N. Gravity Correction, + ·029 in.

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind, Direction and Force. 9 a.m.		9 p.m.		Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%							ins.	
1	29·73	29·87	46·8	42·5	41·1	50·8	4·2	3·1	·227	·209	82	77	SW	1	SW	1	6	5	—	☂
2	29·97	30·00	46·4	46·6	37·6	53·2	3·0	3·1	·248	·248	80	79	SW	2	SW	1	4	10	—	
3	30·02	·06	48·1	42·8	42·8	54·6	3·0	0·9	·264	·256	79	93	W	1	W	1	10	0	—	Dull and overcast *a*. Fine and clear *p*.
4	·11	30·05	36·0	45·3	33·3	57·4	0·1	2·3	·210	·250	99	83	NE	1	NE	1	10	0	—	≋ (mist) *a*. Clear evening.
5	·00	29·94	43·9	51·6	36·1	64·8	1·3	4·1	·258	·282	90	74	NE	1	NE	1	0	0	—	≋ (mist) *a*. Fine and clear *p*.
6	·01	30·09	50·6	45·9	41·7	63·2	3·5	2·0	·282	·265	77	86	E	1	E	2	0	3	—	∞ *a*. Fine and clear *p*.
7	·28	·35	42·2	46·7	39·3	55·4	1·2	2·1	·243	·270	90	85	E	1	E	2	10	10	—	
8	·42	·40	45·7	42·2	42·0	54·6	2·4	4·7	·254	·180	83	68	E	1	E	1	10	0	—	Dull and overcast *a*. Fine and clear *p*.
9	·28	·16	42·8	42·6	35·6	59·5	2·5	2·3	·223	·225	81	83	E	1	SW	1	3	0	—	Fine and clear.
10	·15	·16	47·3	43·7	34·1	52·3	4·0	2·4	·236	·233	73	81	E	1	E	2	0	10	—	⌐̄. Fine and clear. Evening overcast.
11	·25	·27	44·0	41·8	40·7	47·0	5·3	3·6	·183	·195	63	74	E	2	E	1	10	6	—	Dull and overcast *a*. Cloudy evening.
12	·23	·15	45·3	48·7	34·1	54·6	5·2	4·7	·197	·237	65	69	W	1	NW	2	0	10	—	Fine and clear *a*. Evening overcast.
13	·22	30·14	44·9	44·7	42·1	53·2	4·2	2·0	·211	·251	70	86	E	1	SW	1	7	4	—	Fine and clear.
14	30·05	29·94	49·1	46·2	39·6	52·8	4·7	4·3	·242	·221	69	71	SW	1	SW	1	5	9	—	Cloudy day.
15	29·82	29·82	50·3	48·8	45·0	51·1	5·0	0·9	·248	·323	68	93	W	2	W	1	10	10	·447	Overcast *a*. ● 2 in evening.
16	29·92	30·00	36·9	36·0	35·4	48·9	1·1	1·3	·198	·188	91	88	E	2	E	3	10	10	·115	Overcast, with ● 2 *a*. Squally *p*.
17	30·04	29·90	38·9	42·0	35·8	42·9	1·9	0·5	·200	·256	85	96	E	1	E	1	10	10	·175	Overcast. ● 0 in afternoon.
18	29·77	·74	49·1	50·0	41·7	51·3	1·2	0·3	·319	·353	91	98	S	1	Calm	0	10	10	·220	Overcast, with ● 2.
19	·73	·69	56·2	58·9	47·6	67·4	3·8	5·4	·347	·344	76	69	E	1	E	1	0	10	·080	Fine *a*. Evening overcast.
20	29·81	29·96	57·1	50·8	50·7	69·1	3·7	1·8	·360	·325	77	87	NE	1	E	2	10	5	—	Overcast *a*. Fine *p*.
21	30·05	30·02	49·2	43·3	43·3	53·1	3·9	1·5	·259	·248	74	88	E	3	E	2	4	6	—	Fine *a*. Squally afternoon.
22	30·01	29·93	48·2	49·8	42·2	61·3	2·8	2·7	·270	·290	81	82	E	2	E	1	3	0	—	Fine and clear.
23	29·93	·93	50·4	49·5	41·3	63·9	4·4	3·6	·261	·269	72	75	E	2	E	1	0	0	—	Fine and clear.
24	·94	·91	52·0	56·5	41·3	70·4	4·4	7·6	·279	·267	72	58	NE	1	NE	1	0	0	—	Fine and clear.
25	·94	·94	55·7	49·2	45·7	61·7	6·1	2·1	·289	·298	64	86	E	1	E	2	3	2	—	Fine and clear.
26	·90	·85	48·2	48·9	42·6	63·8	1·4	2·2	·302	·294	91	85	NE	1	W	1	10	0	—	Fine day.
27	·83	·76	54·2	51·2	42·2	62·5	4·8	2·9	·295	·304	70	81	W	1	W	2	0	10	—	Fine and clear *a*. Evening overcast.
28	·78	·75	51·2	44·8	42·2	54·0	6·2	2·6	·234	·239	62	81	W	2	W	2	3	4	·260	Fine day. ☂
29	·56	·57	41·3	40·9	40·9	50·0	1·1	2·5	·236	·206	92	81	W	1	W	1	10	4	·035	● 2 *a*. Fine *p*.
30	29·63	29·71	47·9	41·2	38·9	59·5	5·1	1·7	·222	·223	67	87	W	2	W	1	7	5	·034	Fine *a*. ● 0 shower in evening.
Mean	29·979	29·968	47·3	46·4	40·6	59·5	3·4	2·7	·253	·258	77·5	81·5	1·3		1·3		5·5	5·1	1·366	

WOLFELEE.—APRIL 1893.

Height above Mean Sea Level, 587 feet. Heights above Ground:—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 6 inches.
Long. 2° 39′ W. Lat. 55° 23′ N. Gravity Correction, + ·025 in.

1	29·27	29·41	45·0	40·0	40·0	50·5	2·5	2·0	·243	·207	82	84	W	0·5	SW	0·5	9	8	—	
2	·52	·56	43·0	42·5	31·5	55·2	2·0	2·0	·234	·230	84	85	SW	0·5	W	0·5	0	2	—	Fine day.
3	·56	·57	49·5	43·0	39·0	59·8	4·0	2·0	·261	·234	73	84	NW	0·5	SE	0·5	3	4	—	Fine and mild.
4	·63	·60	47·5	45·0	29·5	66·6	3·0	3·0	·259	·233	80	78	NW	0·5	SE	0·5	0	0	—	Fine, bright and clear.
5	·56	·48	51·0	50·0	31·0	69·8	6·0	3·5	·236	·276	63	77	SSE	1	S	5	0	0	—	Fine and bright *a*. Fine and blowy *p*.
6	·56	·61	52·0	43·0	33·0	70·8	4·0	3·0	·287	·215	74	78	NW	0·5	W	0·5	0	2	—	Very fine.
7	·80	·86	38·0	43·5	33·5	46·5	0·5	1·0	·218	·260	96	92	NE	0·5	NE	0·5	10	10	—	Dull, with ≋0 (mist) *a*. Fine *p*.
8	·92	·88	42·0	40·5	33·0	51·8	1·0	1·0	·245	·231	92	92	ENE	0·5	NE	0·5	10	5	—	Dull *a*. Fine and clear *p*.
9	·80	·69	45·0	40·5	36·0	67·2	3·5	2·0	·225	·212	75	84	NE	0·5	NE	0·5	0	0	—	Fine and clear.
10	·70	·72	47·5	38·5	29·5	58·8	3·5	1·0	·248	·213	76	92	NE	0·5	E	0·5	0	6	—	Fine and clear *a*.
11	·76	·78	40·0	35·0	35·0	46·0	2·0	1·5	·207	·174	84	85	E	1	E	0·5	10	2	—	Dull and cold *a*. Fine, clear and cold
12	·72	·66	46·5	45·0	24·0	55·0	4·5	4·0	·219	·214	70	72	NW	0·5	NW	0·5	1	10	—	Fine and frosty *a*. [*p*.
13	·74	·68	44·0	37·5	37·0	53·0	1·5	2·0	·255	·186	88	83	NW	0·5	E	0·5	4	0	—	Fine, mild and clear.
14	·60	·50	47·8	44·0	34·0	57·5	3·8	3·0	·245	·224	74	77	E	0·5	W	0·5	0	7	—	Fine and clear *a*.
15	·37	·35	49·8	41·5	41·0	53·0	4·6	2·0	·251	·221	70	85	W	4	W	5	8	6	·240	Fine and blowy *a*. Dull and blowy *p*.
16	·45	·54	41·0	35·5	35·0	41·5	0·0	1·0	·257	·189	100	91	E	0·5	E	0·5	10	10	·170	Dull, with ●.
17	·60	·48	38·5	42·5	34·0	43·0	0·5	0·5	·223	·261	96	96	SSE	0·5	S	0·5	10	10	·020	Dull, with ●.
18	·35	·32	49·5	49·5	42·0	53·0	1·0	1·0	·328	·328	93	93	SW	0·5	SW	0·5	10	5	·040	Fine and mild *a*. ● showers. Fine *p*.
19	·21	·29	59·5	55·0	44·0	70·0	5·0	2·0	·362	·375	71	87	SW	0·5	SW	0·5	3	5	—	Fine and mild. Distant T.
20	·41	·51	56·0	55·0	45·5	73·0	4·0	3·5	·340	·337	75	78	NNW	0·5	SE	3	6	8	—	Very fine. Distant T.
21	·59	·57	43·5	42·5	41·0	73·0	0·0	1·5	·283	·239	100	88	NE	1	N	0·5	9	0	—	Dull and cold *a*. Fine and clear *p*.
22	·55	·49	48·0	44·5	33·5	72·5	1·0	1·0	·309	·271	93	92	N	0·5	NE	0·5	5	2	—	Fine and bright.
23	·49	·48	59·0	44·5	32·5	70·0	1·5	1·0	·452	·271	91	92	E	2	E	1	0	0	—	Fine and bright.
24	·47	·47	59·0	46·5	33·0	72·0	3·5	3·0	·394	·240	79	80	E	0·5	E	0·5	0	0	—	Very fine and clear.
25	·48	·49	59·5	39·4	34·8	63·0	4·5	1·4	·374	·214	73	89	N	0·5	NE	0·5	5	2	—	Fine *a*. and *p*.
26	·45	·40	45·0	46·0	36·0	65·5	1·0	2·5	·275	·255	92	83	SE	0·5	SW	0·5	10	0	—	Fine *a*. and *p*.
27	·37	·26	55·0	46·5	35·5	69·4	3·5	1·3	·337	·286	78	90	N	0·5	ENE	0·5	0	0	·090	Very fine *a*. Distant T ● showers.
28	·32	·30	52·5	43·0	42·5	57·0	6·0	3·0	·252	·215	64	78	NNW	0·5	W	0·5	2	9	—	Fine and clear *a*.
29	·15	·11	45·5	38·5	38·0	50·0	2·0	1·0	·259	·213	86	92	W	0·5	W	0·5	10	1	·080	● showers *a*. Fine and clear *p*.
30	29·18	29·26	46·0	39·5	35·0	53·0	4·5	2·0	·216	·204	70	84	NW	4	NW	6	3	4	—	Fine *a*. Cold and blowy *p*.
Mean	29·519	29·510	48·2	43·3	35·7	59·6	2·8	2·0	·276	·241	81·4	85·4	0·8		1·1		4·6	3·9	0·640	

SCARBOROUGH.—APRIL 1893.

Height above Mean Sea Level, 159 feet. Heights above Ground:—Bar., 1 foot. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 23′ W. Lat. 54° 17′ N. Gravity Correction, + ·025 in.

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind, Direction and Force. 9 a.m.		9 p.m.		Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%							ins.	
1	29·76	29·90	49·5	44·2	40·3	49·5	3·0	3·2	·280	·223	80	76	NW	1	NW	2	10	0	—	Dull, then fine and bright.
2	30·06	30·08	47·5	42·2	40·3	56·5	3·7	2·4	·244	·218	75	83	E	1	NE	1	0	2	—	☂ *qp*.
3	·07	·06	45·4	46·0	37·7	62·4	1·9	2·5	·260	·253	87	83	NW	1	S	2	0	3	—	Brilliant all day.
4	·12	·11	47·5	44·0	39·5	59·2	2·0	1·5	·280	·253	86	88	E	1	SE	1	0	0	—	Brilliant all day.
5	·09	·09	46·0	40·0	38·7	47·4	1·0	0·4	·287	·239	93	97	NE	1	E	1	0	4	—	Brilliant *a*. ≋ *p*.
6	·09	·14	41·0	37·5	37·5	44·6	0·0	0·0	·257	·225	100	100	NE	1	NE	2	10	6	—	Dull all day.
7	·24	·34	38·5	39·0	32·3	40·7	0·0	0·5	·233	·227	100	96	NE	2	NE	2	10	0	—	≋ *a*. and *p*. Fine midday.
8	·37	·35	41·5	41·5	37·3	44·2	1·2	1·5	·236	·230	90	88	E	2	E	2	10	7	—	Dull and threatening all day.
9	·32	·19	42·5	38·6	36·3	45·2	1·0	0·5	·250	·224	92	96	E	2	NE	2	10	0	—	Brilliant from 10 a.
10	·13	·13	45·5	43·5	35·9	47·6	1·5	1·0	·269	·260	89	92	E	1	NE	1	0	10	—	Brilliant all day.
11	·21	·27	42·4	40·2	37·7	45·5	2·9	2·2	·211	·205	79	83	E	1	NE	2	0	6	—	Brilliant all day.
12	·23	·14	41·8	45·0	35·7	49·0	4·3	2·5	·182	·243	70	82	NE	1	N	1	2	10	—	Brilliant all day. Dull *n*.
13	·20	30·23	42·8	37·5	34·8	45·0	3·3	1·5	·202	·195	75	87	E	1	NE	1	8	0	—	Brilliant all day.
14	30·12	29·99	45·0	42·5	35·6	57·2	3·0	1·5	·233	·239	78	88	E	1	W	2	0	0	—	Brilliant all day.
15	29·93	29·89	48·0	47·4	37·8	55·6	1·5	1·2	·298	·298	90	91	W	2	W	2	6	6	·010	Dull day. ● 0 *qp*.
16	29·93	30·04	44·8	42·4	38·5	47·4	0·0	0·0	·297	·271	100	100	W	1	W	2	10	10	·370	Constant ● all day.
17	30·13	30·12	42·5	42·2	36·5	44·6	2·1	1·0	·228	·247	84	92	SW	1	SW	3	10	10	·060	● showers.
18	29·92	29·92	46·0	49·2	39·6	56·2	0·0	1·1	·311	·322	100	93	SW	2	Calm	0	8	0	—	Cloudy, then very fine.
19	·80	·82	56·2	49·4	45·5	63·2	1·8	1·8	·399	·306	88	88	W	1	Calm	0	2	3	—	Fine all day.
20	29·88	29·97	51·3	47·5	43·8	58·2	1·9	1·5	·328	·293	87	89	E	1	SE	1	2	2	—	Fine all day.
21	30·02	30·08	47·2	43·5	42·3	48·2	1·2	0·0	·295	·283	92	100	NE	1	NE	2	1	0	—	Bright till 6*p*., then ≋.
22	30·08	30·02	45·0	44·5	40·7	50·4	0·2	0·0	·295	·294	98	100	NE	1	NE	1	2	10	—	☂ *qp*.
23	29·97	29·97	47·2	46·2	40·3	52·4	0·7	1·0	·308	·289	93	93	E	1	Calm	0	2	0	—	Brilliant all day.
24	·96	·92	47·5	47·5	39·8	56·4	1·1	0·7	·302	·312	92	95	NW	1	Calm	0	0	0	—	Brilliant all day.
25	·94	·94	51·5	44·6	40·7	54·8	2·3	1·1	·321	·269	84	92	Calm	0	SW	2	2	6	—	Brilliant all day. ☂
26	·93	·89	45·2	43·5	40·5	49·0	0·2	1·0	·297	·260	99	92	NW	1	NW	1	10	0	—	≋ at night.
27	·85	·80	46·3	42·4	40·1	52·2	0·8	0·8	·295	·254	95	94	Calm	0	NE	1	0	2	·070	≋ at night.
28	·76	·78	51·0	45·8	39·8	53·2	1·5	1·6	·335	·270	90	88	N	1	SE	1	2	0	—	Bright all day. ☂
29	·69	·57	51·2	42·4	40·7	56·8	4·0	0·8	·277	·254	74	94	W	2	SE	2	4	0	·090	
30	29·63	29·65	48·7	42·5	37·8	54·2	5·2	3·1	·227	·208	66	77	NW	5	Calm	0	4	0	·010	Brilliant, but with ● showers midday.
Mean	30·013	30·013	46·2	43·4	38·8	51·6	1·8	1·3	·275	·255	87·7	90·6	1·3		1·3		4·2	3·2	0·610	

CRONKBOURNE (DOUGLAS) ISLE OF MAN.—APRIL 1893.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29′ W. Lat. 54° 10′ N. Gravity Correction, + ·024 in.

1	29·83	29·97	47·3	41·2	41·2	48·2	1·5	0·4	·289	·251	90	97	WNW	1	Calm	0	10	10	—	Overcast all day.
2	30·10	30·13	49·0	42·8	34·2	54·2	3·5	1·3	·266	·247	76	90	SW	2	ENE	3	2	2	—	⌐̄ *a*. Very fine. ⊃ *p*.
3	·13	·12	52·2	47·8	35·2	57·8	4·8	1·3	·272	·301	70	91	WNW	2	NNW	1	3	2	—	⌐̄ *a*. Very fine. ⊃ *p*.
4	·13	30·07	53·8	45·6	32·4	57·8	4·1	3·6	·306	·228	74	75	SE	2	ESE	1	3	3	—	⌐̄0 *a*. Very fine. ⊃ *p*.
5	·03	29·97	49·8	54·0	42·0	58·2	2·3	4·7	·300	·295	85	71	E	4	E	4	3	2	—	⊃ ≋0 (mist) *a*. Very fine.
6	·08	30·13	51·6	45·2	44·2	58·3	3·8	2·2	·288	·251	76	84	E	2	NNW	1	2	0	—	*a*. Very fine.
7	·25	·32	55·7	49·9	37·3	60·0	5·2	3·6	·309	·273	69	76	SSE	2	ENE	3	0	2	—	⊃2 ≋0 (mist) *a*. Very fine.
8	·42	·35	44·7	46·8	42·2	53·0	2·5	3·0	·240	·252	82	80	E	4–5	NE	4–5	3	0	—	Very fine. ⁄
9	·32	·21	44·5	42·6	41·0	54·9	2·9	1·6	·231	·238	78	87	E	4–5	NNW	1	3	2	—	⁄ *a*. Very fine. ⊃ *p*.
10	·16	·13	55·2	43·0	33·0	61·9	6·0	1·0	·283	·255	65	92	ESE	2	Calm	0	0	0	—	⌐̄ *a*. Very fine. ⊃ *p*.
11	·22	·31	44·2	42·0	38·6	48·0	2·8	5·0	·230	·174	79	66	E	5	E	3	10	10	—	⁄ *a*. Overcast.
12	·32	·22	47·3	43·8	29·7	51·8	5·5	1·8	·209	·246	65	86	SSW	2	NNW	3–4	1	2	—	⌐̄2 *a*. Very fine.
13	·25	·22	47·7	38·0	34·2	52·3	3·5	0·8	·250	·212	76	93	E	2	NNE	1	10	0	—	Dull *a*. Afternoon very fine.
14	30·16	30·05	49·3	45·0	31·0	54·3	4·1	1·0	·256	·275	72	92	SW	3	Calm	0	1	10	—	⌐̄ *a*. Very fine.
15	29·99	29·94	48·0	48·7	36·0	52·6	0·8	1·2	·314	·314	94	92	WSW	4–5	Calm	0	9	7	—	Cloudy *a*. Fine afternoon. ⁄
16	29·94	·93	51·3	47·8	47·0	53·3	1·3	0·2	·344	·327	91	98	SW	3	SSW	1	10	10	·518	Overcast. ● *p*.
17	30·05	·96	42·7	46·2	40·8	47·8	0·2	0·0	·270	·313	98	100	ESE	4–5	SE	3	10	10	·530	⁄ *a*. Overcast, with ●. [cast.
18	29·87	·83	48·1	48·0	45·5	53·7	0·0	0·2	·335	·330	100	99	S	2	Calm	0	10	10	·060	● ≋0 (mist) *a*. Day dull and over-
19	·75	·73	54·5	58·0	44·4	61·2	0·7	0·4	·405	·470	96	97	ESE	4–5	ENE	4	7	8	·038	⁄ ≋0 (mist). Fine day. ⌐̄ ●
20	·86	·98	63·4	50·0	47·0	66·8	2·0	1·4	·514	·324	88	90	SE	2	WNW	4	4	0	—	≋0 (mist) *a*. Very fine. ⊃ *p*. [7.30*p*.
21	29·99	·96	58·8	58·0	41·0	65·4	6·4	1·4	·320	·439	64	91	E	4	E	4–5	0	0	—	≋0 (mist) *a*. Very fine.
22	30·00	·93	56·0	57·8	50·3	64·9	5·3	1·1	·310	·446	69	95	E	5	ESE	5	0	0	—	≋0 (mist) *a*. ⁄ *a*. and *p*. Very fine.
23	29·93	·95	57·0	49·8	48·3	66·2	7·5	1·8	·273	·312	59	67	ESE	5	NNW	1	2	0	—	⁄ *a*. Very fine. ⊃ *p*.
24	·96	·93	59·3	55·0	42·8	65·0	6·6	3·9	·320	·327	64	76	E	2	WNW	2	0	3	—	⊃ ≋0 (mist) *a*. Fine day.
25	·94	·93	61·4	49·2	47·0	62·3	8·7	1·2	·301	·319	55	92	SE	3	NW	1	0	0	—	⊃ ≋0 (mist) *a*. Very fine. ⊃ *p*.
26	·93	·90	59·0	50·8	40·5	60·9	4·0	2·4	·380	·311	76	84	SE	1	N	5–6	0	4	—	⊃ ≋0 (mist) *a*. Very fine. ⁄ *p*.
27	·87	·82	56·3	50·8	45·3	65·0	3·9	3·0	·346	·299	75	80	WNW	3	NNW	4–5	0	4	—	Very fine.
28	·89	·85	53·1	43·0	43·0	56·8	4·1	1·1	·298	·253	73	91	NNW	4	Calm	0	2	8	—	Fine day. ⊃ *p*.
29	·73	·71	49·3	44·0	41·8	52·3	3·2	2·0	·275	·244	78	84	WSW	5–6	WNW	5–6	8	2	·100	Cloudy, with ⁄ ● ▲ showers.
30	29·79	29·84	49·0	46·0	41·2	52·4	4·0	2·2	·255	·261	73	85	WNW	6	WNW	4–5	6	3	·010	Cloudy, with squally ⁄ ● ▲ [showers.
Mean	30·028	30·013	52·0	47·7	40·6	57·2	3·7	1·8	·300	·293	77·0	87·3	3·2		2·4		4·0	3·8	1·276	

STONYHURST.—APRIL 1893.

Height above Mean Sea Level, 375 feet. Heights above Ground:—Bar., −12 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 2° 28′ W. Lat. 53° 51′ N. Gravity Correction, +·023 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·57	29·73	48·2	40·4	40·4	51·7	3·1	1·4	·263	·222	79	89	NNW 1	Calm 0	10	10	·124	● 0 a. Overcast. ● p.
2	·86	·90	45·5	39·0	35·7	52·0	2·7	2·3	·245	·194	81	82	Calm 0	Calm 0	2	2	—	Fine day.
3	·88	·85	48·0	41·9	33·1	55·8	5·2	1·9	·220	·226	66	86	Calm 0	Calm 0	0	0	—	≋0 (mist) a. Fine day.
4	·89	·88	47·3	49·5	36·5	57·3	3·3	4·3	·250	·254	77	71	N by E 1	NEbyN 1	0	0	—	Fine day. ∞ 0.
5	·84	·79	52·0	47·5	40·1	62·8	4·0	2·5	·287	·269	74	82	EbyN 1	NNE 1	1	0	—	Fine day. ≋0 (mist) p.
6	29·83	29·88	44·1	48·0	38·0	60·0	1·1	4·2	·264	·239	91	72	NNE 1	NNE 1	0	0	—	Overcast, then fine. ≋0 (mist)
7	30·02	30·08	48·8	42·6	36·5	60·3	3·3	2·0	·268	·231	78	85	NNE 1	NbyE 1	2	0	—	Fine day. ≋0 (mist).
8	·17	30·13	43·9	40·8	35·9	50·9	3·4	2·3	·216	·209	75	82	EbyN 1	EbyN 2	6	2	—	≋0 (mist) a. Fine day.
9	30·08	29·98	45·0	47·8	36·6	60·5	3·0	4·8	·233	·226	78	68	NE 1	NNE 1	0	0	—	≋0 (mist) a. Fine day.
10	29·92	29·89	51·9	43·0	35·4	63·1	5·1	1·8	·264	·238	69	86	NNE 1	NE 2	0	7	—	Fine day.
11	29·98	30·05	42·0	35·8	35·3	47·6	3·2	3·4	·204	·149	77	70	ENE 3	NE 1	8	0	—	
12	30·05	29·96	41·0	41·0	28·4	50·0	4·0	2·0	·182	·215	70	84	Calm 0	SSW 1	6	3	—	≋0 (mist) 9a. Fine day.
13	29·99	30·00	47·0	42·3	35·9	53·1	5·7	4·0	·202	·192	63	72	NE 2	Calm 0	6	0	—	Fine day.
14	·95	29·84	46·6	41·3	34·4	52·9	4·9	2·3	·214	·213	67	82	SW 1	Calm 0	0	0	—	≋0 (mist) 9a. Fine day.
15	·76	·73	47·2	44·4	36·6	51·0	2·5	1·9	·266	·251	83	86	WSW 3	WbyS 1	10	4	—	Overcast a. Fine p.
16	·72	·78	51·4	47·0	42·5	54·3	3·4	1·0	·295	·298	78	93	swbyw 2	Calm 0	9	10	·244	Fine a. Overcast, with ● p.
17	·86	·81	40·0	44·0	37·5	47·0	2·0	1·3	·207	·259	84	90	ENE 2	Calm 0	10	10	·090	Overcast, with ● showers.
18	·67	·62	50·0	49·5	43·4	58·5	1·8	1·5	·314	·315	87	89	SSE 1	N 1	10	5	·007	● 0 a. Overcast.
19	·55	·54	58·9	59·0	47·7	67·3	5·9	8·7	·331	·273	66	54	NEbyN 1	NEbyN 1	10	9	·010	Overcast, with ≋0 (mist) a. Fine p.
20	·63	·72	58·4	56·0	48·7	67·7	5·7	4·2	·331	·335	68	74	NWbyW 1	swbys 1	9	9	—	Fine day. T
21	·77	·79	55·0	50·3	49·6	65·3	5·5	4·0	·291	·268	68	74	WNW 2	WNW 2	0	10	—	Fine day. Evening overcast.
22	·81	·73	49·9	50·0	41·6	66·2	3·4	7·4	·277	·201	78	56	WNW 2	SW 1	0	0	—	Fine day.
23	·71	·71	56·0	54·8	40·4	68·2	6·0	5·8	·295	·282	65	66	swbys 2	S 1	0	0	—	Fine day.
24	·72	·69	60·8	58·0	41·9	69·5	8·2	6·8	·304	·300	57	62	S by W 1	WS W 1	0	10	—	Fine a. Overcast p.
25	·71	·69	61·5	52·6	47·3	68·3	9·0	6·9	·296	·236	54	61	NEbyN 1	NbyE 1	8	0	—	Fine day.
26	·68	·65	54·4	50·0	43·6	66·6	6·2	2·5	·268	·298	63	83	NNE 1	NNE 1	0	0	—	Fine a. ≋0 (mist). ⊕ 6p. ☐ 8p.
27	·64	·57	46·5	50·2	40·7	59·2	0·7	1·5	·300	·325	95	90	Calm 0	Calm 0	0	10	—	≋ a. Overcast p. ≋0 (mist).
28	·59	·61	54·0	47·7	45·4	58·0	4·0	3·9	·310	·243	74	74	Calm 0	WbyN 1	7	8	·047	Overcast, then fine.
29	·51	·44	49·6	41·9	40·7	51·0	4·0	2·3	·262	·220	74	84	WSW 3	WSW 1	10	4	·166	Overcast, with ● ▲ showers a.
30	29·52	29·60	46·6	43·5	40·5	49·3	4·2	2·0	·226	·240	72	84	W 4	WbyN 2	9	8	·123	● showers.
Mean	29·795	29·788	49·7	46·7	39·7	58·2	4·2	3·4	·263	·247	73·7	77·7	1·3	0·9	4·4	4·0	0·811	

HILLINGTON.—APRIL 1893.

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

1	29·86	29·85	50·8	45·0	33·0	67·0	5·1	2·4	·251	·245	68	82	SW 0·5	E 1	0	9	—	a. Very fine and sunny.
2	30·09	30·20	48·8	39·2	39·0	54·1	5·0	0·7	·232	·225	68	94	NE 4	NE 1	9	0	—	Fine day. p.
3	·19	·14	50·4	39·0	29·1	62·3	6·5	2·4	·220	·192	61	81	SE 0·5	E 0·5	0	0	—	a. Very fine and sunny. Very fine
4	·19	·21	51·9	43·0	29·2	59·4	6·2	1·3	·241	·248	63	90	ESE 2	SE 0·5	1	0	—	Very fine and sunny. p. [sunset.
5	·15	·13	55·0	39·1	39·1	62·4	5·3	0·4	·295	·231	69	97	ESE 3	E 0·5	0	0	·004	Very fine and sunny. ≋0 (mist) p.
6	·15	·13	43·0	40·6	38·0	51·6	3·4	0·0	·208	·253	75	100	ESE 2	E 0·5	10	10	·005	≋ early a. ≋0 (mist) in evening.
7	·30	·38	42·0	40·5	34·2	49·8	0·8	0·0	·249	·252	94	100	NE 0·5	SE 0·5	10	10	—	≋ early a. Cloudy day. ≋0
8	·47	·40	41·0	40·0	39·0	47·5	1·8	1·5	·219	·217	86	88	NNE 2	NE 2	10	10	—	∞ a. Cloudy day. [(mist) p.
9	·37	·25	41·0	38·7	37·6	52·6	1·2	0·3	·231	·229	90	97	NE 2	NE 0·5	10	6	·003	≋0 (mist) p.
10	·21	·14	47·9	40·0	34·9	61·0	1·9	1·2	·287	·222	87	90	NE 0·5	NE 4	0	10	—	Very fine and sunny a. in evening
11	·25	·30	42·9	39·2	38·9	46·7	3·9	4·4	·207	·160	72	68	NE 5	NE 2	10	10	—	Overcast, with [p.
12	·31	·17	42·4	31·0	31·0	49·6	4·7	1·7	·181	·133	67	76	NE 2	N 0·5	10	0	—	Overcast a., then very fine and sunny.
13	·23	·29	44·3	39·5	28·8	46·4	4·6	2·7	·198	·190	67	79	N 2	N 0·5	8	10	—	Cloudy day.
14	·28	·14	43·1	41·1	24·7	59·3	3·9	2·4	·199	·209	71	81	NW 2	SW 1	1	10	—	Very fine and sunny.
15	·10	·02	48·9	45·0	29·8	62·0	5·0	2·3	·233	·247	67	83	SW 1	NW 0·5	10	0	—	2 a. Sunny day.
16	·03	·02	48·6	47·9	31·9	63·6	3·9	2·2	·252	·280	73	85	NW 2	E 2	8	10	·090	0 a. Overcast p.
17	·21	30·17	41·0	41·2	39·0	48·4	1·4	2·5	·227	·208	89	81	E 3	SE 3	10	10	·008	● 0 early a. Overcast all day. ● 0 9p.
18	30·05	29·93	51·0	49·0	40·0	65·6	5·3	2·5	·249	·286	67	83	SE 2	SE 0·5	7	3	—	
19	29·88	29·87	61·9	51·0	43·5	73·5	10·1	5·3	·278	·249	50	67	SE 2	SE 1	5	0	—	Very fine and sunny. Much cir.
20	29·92	30·02	66·9	54·8	47·1	76·4	11·6	6·2	·311	·273	47	64	ESE 3	ESE 0·5	5	7	—	Much cir.
21	30·07	·10	64·7	51·2	47·0	76·6	10·0	5·4	·317	·249	52	66	SE 1	SE 3	1	1	—	Cir. a. Very fine and sunny.
22	30·11	30·03	56·0	45·0	41·0	65·3	8·3	1·3	·246	·269	55	90	SE 3	E 1	0	0	—	Very fine and sunny.
23	29·97	29·99	56·7	50·0	42·2	71·5	5·9	4·3	·304	·259	66	72	SE 1	SE 3	3	0	—	Very fine and sunny.
24	·98	·96	63·1	51·6	44·5	76·3	8·4	5·0	·329	·262	58	70	E 1	E 2	0	0	—	Very fine and sunny.
25	·98	·96	63·2	51·1	40·5	75·4	8·4	5·4	·331	·248	57	67	E 1	E 2	0	4	—	Very fine and sunny.
26	·97	·95	56·4	48·0	39·0	56·6	3·2	1·3	·364	·268	80	90	NE 3	E 2	0	10	—	a. Very fine and sunny. Cloudy p.
27	·93	·88	53·2	45·1	42·8	63·4	4·4	1·4	·293	·267	72	89	NE 1	SE 0·5	0	0	—	∞. Cloudless most of day.
28	·86	·86	51·1	43·5	39·2	62·0	3·4	0·9	·292	·262	77	93	SW 0·5	NE 0·5	5	6	—	≋0 (mist).
29	·83	·74	50·1	45·0	40·0	60·5	2·5	1·6	·299	·262	83	88	SW 0·5	NW 1	10	2	·009	Cloudy day. Violent gust 4p. Fine [sunset.
30	29·79	29·91	50·0	45·2	37·0	57·4	5·3	4·5	·238	·208	67	69	NW 5	NW 2	5	0	—	Fine and sunny. Fine sunset.
Mean	30·089	30·072	50·9	43·9	37·4	60·8	5·0	2·5	·259	·237	69·9	82·7	1·9	1·3	4·9	4·6	0·119	

CHURCHSTOKE.—APRIL 1893.

Height above Mean Sea Level, 538 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5′ W. Lat. 52° 31′ N. Gravity Correction, +·018 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·38	29·53	45·5	41·7	40·0	47·4	1·9	1·8	·261	·226	86	87	ESE 0·5	WNW 1	10	10	·016	● 0 5a.—10a.
2	·66	·72	44·8	36·4	31·8	53·0	3·5	2·5	·222	·169	75	79	NW 2	NNW 0·5	1	0	—	Clear, bright, and mild. ∞
3	·70	·66	45·8	43·2	28·5	61·1	4·9	2·3	·206	·230	67	82	NE 0·5	Calm 0	0	0	—	Fine and clear.
4	·68	·64	44·3	42·7	29·8	62·0	2·2	3·0	·242	·213	85	78	NE 1	SE 0·5	0	0	—	∞. Fine and bright.
5	·62	·54	48·7	54·1	32·0	65·6	2·5	4·5	·283	·302	82	72	E 1	ENE 2	0	0	—	≋0 (mist) early a. Fine and
6	·59	·70	43·0	45·3	38·7	58·0	1·1	0·7	·253	·286	91	95	S 1	Calm 0	10	0	—	∞ 2. [warm.
7	·81	·86	52·8	44·1	36·0	60·5	3·3	1·2	·313	·262	78	90	SE 0·5	Calm 0	0	0	—	Fine and hot. ∞
8	·94	·89	36·9	39·1	33·7	53·1	0·7	1·2	·205	·214	94	90	NE 1	E 1	10	0	—	≋0 early a. Day fine and clear.
9	·85	·75	38·4	39·7	32·6	56·2	1·3	0·6	·207	·231	89	95	Calm 0	Calm 0	0	0	—	≋0 early a. Day fine and clear.
10	·68	·63	48·9	44·4	31·0	63·4	2·8	2·9	·277	·230	81	79	N 1	N 1	0	0	—	
11	·70	·77	40·3	37·7	32·4	44·7	2·2	2·8	·205	·174	83	77	NE 2	E 3	10	0	—	Cloudy with cold wind.
12	·80	·76	38·6	35·7	30·2	48·9	3·8	1·6	·165	·178	71	85	E 2	Calm 0	10	0	—	Cold wind.
13	·75	·76	39·7	39·7	22·0	51·4	2·4	2·0	·197	·204	80	84	Calm 0	E 0·5	10	0	—	
14	·74	·68	44·7	39·1	28·7	58·6	2·9	1·2	·231	·214	79	90	E 1	Calm 0	0	0	—	Fine and bright. ∞
15	·62	·58	45·7	39·0	29·9	56·3	3·8	1·1	·225	·216	73	91	WNW 2	Calm 0	8	0	—	
16	·56	·55	50·4	47·9	35·7	55·2	2·6	1·0	·301	·308	83	93	WNW 2	Calm 0	9	10	·147	
17	·64	·60	44·3	45·3	35·0	55·1	0·4	0·1	·281	·301	97	99	SE 3	SE 1	10	10	·010	Raw and overcast. ≋ ● 0.
18	·47	·40	49·9	54·4	45·0	62·7	1·4	2·2	·323	·361	91	85	SE 2	Calm 0	9	9	—	≋0 (mist) a. Overcast.
19	·30	·31	60·6	59·6	44·0	72·1	6·6	4·6	·339	·373	64	73	SE 3	Calm 0	2	8	—	Warm and bright.
20	·42	·46	60·5	52·2	51·0	74·6	5·7	0·5	·358	·377	68	97	SSW 0·5	W 0·5	1	1	—	Warm and clear. ∞
21	·54	·52	60·7	63·0	42·1	75·9	4·0	10·0	·334	·294	76	51	W 1	SE 2	0	1	—	Fine and warm.
22	·53	·47	62·0	55·9	46·0	69·8	9·0	6·9	·391	·272	54	60	E 3	ESE 1	0	2	—	Fine, warm, and breezy. ∞
23	·47	·50	52·5	51·9	39·0	67·4	3·9	2·9	·296	·312	75	81	N 1	W 1	0	0	—	∞ a. Cool breeze.
24	·51	·47	52·9	55·3	41·1	67·9	2·4	7·1	·336	·261	85	60	W 2	W 1	9	8	—	Dull and cool. Distant T.
25	·48	·45	60·0	49·1	46·5	71·0	6·0	2·6	·344	·284	66	82	W 1	NW 2	0	0	—	∞ a. Bright and warm.
26	·46	·46	56·4	48·1	39·0	71·9	5·9	3·0	·299	·265	66	79	NNE 1	NNE 1	0	0	—	∞ a. Fine and hot.
27	·42	·38	52·4	51·9	39·4	66·9	3·4	2·9	·306	·312	78	81	NNW 1	WNW 1	0	9	—	∞ a. Oak in leaf.
28	·42	·41	52·9	41·8	41·5	59·6	4·5	2·4	·287	·215	71	82	NNW 2	NW 1	8	6	—	
29	·36	·35	52·4	41·0	32·8	56·1	6·5	1·3	·240	·229	62	90	W 2	W 2	8	2	·010	Cool, with ● showers.
30	29·42	29·48	47·9	44·8	38·9	53·0	6·2	1·9	·203	·254	61	86	NW 2	NW 2	10	4	·005	Cloudy and cool. ● 0 shower.
Mean	29·583	29·576	49·0	46·1	36·5	60·9	3·6	2·6	·271	·259	76·9	82·4	1·4	0·8	4·5	2·7	0·188	

CARMARTHEN.—APRIL 1893.

Height above Mean Sea Level, 188 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 4° 18′ W. Lat. 51° 52′ N. Gravity Correction, +·018 in.

1	29·75	29·88	47·3	41·9	41·4	48·8	1·4	2·4	·293	·216	90	83	N 1	N 5	10	10	·050	Dull, with frequent ● 0 showers.
2	30·04	30·08	53·7	43·2	36·6	58·5	6·3	4·7	·259	·187	62	67	N 1	Calm 0	1	0	—	Very fine.
3	·05	29·99	54·4	51·1	37·1	66·5	8·2	4·6	·231	·264	55	70	Calm 0	Calm 0	0	0	—	Very fine.
4	30·02	·96	56·7	51·0	40·8	68·4	7·9	6·9	·263	·219	57	59	E 1	E 1	0	0	—	Very fine.
5	29·91	29·88	58·8	56·7	41·4	69·8	7·7	4·8	·292	·329	59	71	E 1	Calm 0	0	0	—	Very fine.
6	29·91	30·03	60·6	51·4	45·0	64·5	7·2	2·2	·324	·322	62	85	E 1	Calm 0	0	0	—	Very fine.
7	30·16	·17	60·8	54·7	42·6	72·3	6·2	3·5	·351	·333	66	77	E 1	Calm 0	0	0	—	Very fine
8	·28	·19	53·7	48·8	41·9	64·3	5·4	4·1	·277	·250	67	72	E 1	NE 2	0	0	—	Very fine.
9	·17	30·08	49·5	49·7	38·3	63·0	5·2	4·2	·235	·258	67	72	E 1	NE 2	4	0	—	Very fine.
10	·04	29·94	62·0	51·5	41·4	70·5	10·4	8·2	·274	·202	49	53	NE 1	E 1	0	0	—	Very fine.
11	·00	30·14	46·1	40·3	39·8	53·9	3·8	3·7	·229	·179	74	71	E 4	NE 4	4	0	—	Dull a.
12	·17	·13	43·0	39·9	33·9	53·0	3·0	2·4	·215	·199	78	81	NE 2	E 1	0	0	—	Very fine.
13	·16	·15	50·3	43·3	29·4	60·7	6·1	3·3	·226	·212	62	76	E 1	E 1	0	0	—	Fine day.
14	·17	30·05	49·7	40·4	31·7	57·1	6·2	1·7	·219	·216	62	87	Calm 0	Calm 0	0	0	—	Very fine.
15	30·02	29·97	49·0	43·9	31·7	52·6	3·8	1·4	·258	·255	74	89	SW 1	SW 1	10	0	—	Dull day.
16	29·98	·93	52·4	47·5	39·7	57·4	3·0	1·0	·315	·304	80	93	SW 1	Calm 0	10	10	·100	Dull day. ● from 6p.
17	·67	·94	52·2	52·7	47·0	60·4	2·3	3·1	·330	·317	84	80	S 1	S 1	10	10	—	Dull day.
18	·87	·73	59·8	55·5	47·2	67·0	6·4	3·1	·333	·353	65	80	SW 1	S 1	7	4	—	Fine, then dull.
19	·61	·67	67·1	56·0	51·7	74·6	10·0	3·8	·349	·344	52	76	E 1	W 1	4	4	—	
20	·78	·85	67·4	56·5	46·6	76·0	8·9	4·1	·379	·342	56	74	Calm 0	Calm 0	0	0	—	Very fine.
21	·84	·81	69·9	64·6	51·0	78·9	10·6	10·4	·375	·307	51	50	N 1	S 2	3	2	—	Very fine.
22	·81	·79	71·1	62·8	57·2	77·8	13·3	8·8	·331	·317	43	56	SE 1	SE 1	0	9	—	∞
23	·84	·89	61·1	53·7	51·2	68·0	6·4	2·3	·351	·349	66	85	SW 1	Calm 0	8	0	—	Dull a.
24	·88	·80	55·0	55·2	44·3	71·2	4·0	3·3	·325	·344	76	79	Calm 0	E 1	0	0	—	∞. Very fine.
25	·81	·79	72·1	60·1	50·2	78·7	13·4	7·3	·343	·315	44	61	E 1	N 1	0	0	—	Very fine.
26	·82	·79	64·5	53·3	48·2	76·0	9·1	3·7	·334	·309	55	76	Calm 0	N 1	0	0	—	Very fine.
27	·79	·75	61·8	49·7	45·3	69·5	7·4	2·3	·336	·298	61	85	Calm 0	Calm 0	4	0	—	∞. Very fine.
28	·79	·80	59·8	46·8	46·5	61·1	6·9	3·3	·321	·245	64	78	N 2	N 2	2	1	—	∞. Very fine. ☐ 10p.
29	·79	·73	55·3	45·8	38·4	57·9	7·9	1·6	·245	·271	57	89	W 1	Calm 0	8	0	·030	Fine day. ☐
30	29·88	29·90	52·2	47·8	39·9	57·5	7·5	1·8	·221	·288	57	87	NW 2	NW 2	6	3	—	
Mean	29·942	29·926	57·2	50·5	42·6	65·2	6·9	3·9	·294	·278	63·1	75·4	1·0	1·0	3·0	1·8	0·180	

MARGATE.—APRIL 1893.

Height above Mean Sea Level, 83 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 24′ E. Lat. 51° 24′ N. Gravity Correction, + ·017 in.

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind, Direction and Force. 9 a.m.	9 p.m.	Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·88	29·92	60·0	47·3	39·5	62·1	11·1	3·5	·238	·245	46	76	S 1	SE 1	0	0	—	
2	30·05	30·16	47·4	44·0	41·7	49·3	2·2	1·1	·276	·263	84	91	N 2	NE 2	2	0	·010	⌣a. Bright and sunny. Bright and sunny.
3	·16	·14	48·0	44·5	42·8	50·6	2·0	1·5	·286	·259	86	88	NE 1	NE 2	0	0	—	Bright and sunny.
4	·16	·13	50·0	48·0	43·9	50·8	2·6	0·7	·296	·317	82	95	ENE 2	E 2	0	0	—	Bright and sunny.
5	·13	·08	44·9	45·0	43·4	48·0	0·1	0·3	·295	·293	99	98	E 2	E 3	8	0	·010	≋9
6	·13	·17	47·8	41·5	41·1	48·7	1·0	0·1	·307	·260	93	99	E 2	E 1	10	10	—	≋
7	·28	·32	42·8	42·1	40·4	47·0	0·1	0·1	·273	·266	99	99	E 1	N 2	10	0	·010	≋
8	·40	·35	41·4	41·0	39·4	43·0	0·0	0·4	·261	·248	100	97	N 2	NE 3	10	10	—	
9	·34	·21	42·5	44·0	39·0	44·8	0·1	0·3	·270	·280	99	98	NE 1	NE 2	10	0	—	≋a. Dull and cold.
10	·15	·05	49·0	47·1	40·4	53·8	2·2	2·1	·293	·274	85	85	NE 3	NE 2	4	0	—	≋ (mist) a. Very dull. ⌓9p.
11	·16	·26	44·0	41·0	40·4	47·1	2·0	3·7	·243	·185	84	72	NNE 3	E 4	8	10	—	Bright and sunny.
12	·26	·22	42·0	39·3	38·9	45·2	4·0	2·9	·188	·185	72	78	NE 2	NE 1	10	0	—	Dull, with ●.
13	·20	·29	43·7	40·4	39·3	46·8	2·4	2·7	·232	·197	81	80	N 2	NE 3	10	2	—	Fine day.
14	·31	·22	43·7	39·5	38·4	47·0	4·7	1·6	·192	·211	67	87	NE 2	SW 1	10	0	—	Dull day.
15	·16	·07	52·1	46·0	33·4	61·0	7·8	3·1	·215	·241	56	78	SE 1	SW 2	1	0	—	Bright day.
16	·09	·03	49·9	52·1	38·3	57·8	4·8	3·6	·248	·297	69	76	SW 1	SW 1	1	3	·010	⌣a. Bright day. Dull from noon.
17	·18	30·19	43·7	44·0	42·4	53·6	0·7	2·0	·269	·243	94	84	NE 3	E 1	8	0	—	Dull day.
18	30·08	29·96	50·1	51·1	43·6	58·0	3·7	3·5	·271	·288	75	77	E 1	E 2	10	7	—	Fine day.
19	29·87	29·89	58·2	52·3	48·4	62·8	8·7	5·0	·264	·269	54	69	SE 2	SE 1	4	0	—	Very fine.
20	29·93	30·02	58·8	53·1	43·4	66·6	5·5	6·1	·339	·256	69	63	SE 1	Calm 0	4	0	—	Fine and very hot.
21	30·08	30·07	62·5	50·0	43·4	64·6	9·7	3·4	·293	·277	51	78	ESE 2	E 3	2	0	—	Fine day.
22	30·09	29·98	51·9	48·0	46·0	53·3	4·1	1·5	·284	·298	74	90	E 3	E 2	1	0	—	Fine day.
23	29·94	·93	58·3	48·1	45·0	62·1	8·0	1·8	·278	·292	57	87	E 2	Calm 0	0	0	—	Fine and very hot.
24	·96	·98	60·0	54·3	42·0	65·4	6·4	6·0	·335	·271	64	65	SE 2	SW 4	0	0	—	Fine and very hot.
25	·99	·92	63·0	50·5	44·4	66·2	11·0	3·5	·273	·280	47	77	E 1	E 2	0	0	—	Fine and very hot.
26	·93	·94	53·6	43·6	42·5	54·8	5·6	0·6	·271	·270	66	95	NE 2	NE 3	3	10	—	Fine, but cooler.
27	·93	·88	47·2	45·0	42·6	51·7	2·3	0·9	·271	·278	84	93	ENE 1	E 4	10	7	—	Fine day.
28	·88	·88	48·0	45·5	43·4	51·1	3·7	1·5	·249	·269	75	89	NE 1	NE 2	10	6	—	Fine day.
29	·90	·89	48·0	53·6	39·4	60·0	1·5	7·6	·298	·232	90	57	NE 1	NW 2	0	2	—	Fine day.
30	29·88	29·97	50·1	52·4	45·4	55·8	4·6	7·4	·254	·225	70	57	NW 3	NW 4	4	8	—	Fine day.
Mean	30·083	30·070	50·1	46·5	41·8	54·3	4·1	2·6	·269	·259	75·7	82·6	1·8	2·1	5·3	2·5	0·040	

SOUTHAMPTON.—APRIL 1893.

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24′ W. Lat. 50° 55′ N. Gravity Correction, + ·016 in.

1	29·87	29·91	56·6	48·0	34·8	64·4	6·7	3·0	·286	·263	63	79	SE 2	SW 1	0	0	—	⌣ early a. Beautifully fine and warm
2	30·07	30·16	51·3	49·1	41·9	62·7	4·4	3·4	·271	·269	72	76	NNE 3	NNE 2·5	5	0	—	Beautiful day, with cool breeze. [⌓0n.
3	·15	·11	57·0	50·8	39·9	68·5	6·2	4·8	·300	·257	64	69	E 2	E 2	0	0	—	Delightfully fine and warm.
4	·14	·12	57·8	48·0	40·1	68·1	7·0	4·9	·294	·226	61	68	NE 3·5	NE 1·5	0	0	—	Delightfully fine and warm.
5	·08	·05	59·0	51·4	42·2	66·5	5·3	3·0	·347	·305	70	80	E 3	ENE 1·5	0	0	—	Delightfully fine and warm. ⌓0 n.
6	·08	·17	56·8	52·3	44·2	68·1	4·6	2·6	·335	·325	72	82	ENE 2·5	NW 1	0	0	—	Delightfully fine and warm. ⌓0 n.
7	·28	·31	56·9	52·6	42·0	67·8	5·1	4·4	·323	·286	63	72	NE 2·5	NE 1·5	0	0	—	Delightfully fine and warm. ⌓0 n.
8	·40	·31	47·3	49·6	40·5	63·6	2·5	2·8	·268	·287	83	82	NE 4·5	NE 3·5	9	0	—	Beautiful day. Cold wind.
9	·31	·20	50·6	49·0	39·1	65·8	4·1	3·3	·270	·270	73	77	NE 3·5	NE 2	0	0	—	Beautiful day. Cold wind.
10	·15	·05	56·0	51·8	40·9	70·1	5·8	4·9	·299	·267	66	70	NE 1·5	NE 1	0	0	—	Delightfully fine and warm.
11	·14	·25	45·1	42·1	39·3	54·8	2·4	3·6	·246	·198	82	74	ENE 4·5	NE 3·5	10	0	—	Fine and dry, but with very cold wind
12	·30	·26	47·7	40·6	32·8	53·0	6·7	3·6	·191	·184	58	72	NE 3·5	NE 1·5	5	0	—	⌣ early a. Beautiful day. Cold wind.
13	·26	·30	46·6	40·5	30·5	55·4	4·0	3·2	·229	·189	73	75	NE 2	NE 1	10	0	—	⌣ early a. Fine and pleasant. Cold.
14	·32	·23	45·9	41·4	30·2	53·8	5·0	2·0	·206	·220	66	85	NE 1	SW 0·5	7	0	—	⌣ early a. Beautiful day, but cold.
15	·19	·12	52·5	45·3	30·6	60·9	5·4	1·5	·263	·268	67	89	SSW 1	WSW 1	1	0	—	⌣ early a. Beautiful day throughout.
16	·13	·09	56·1	48·8	37·0	60·5	5·0	1·5	·318	·308	70	89	SW 1·5	SW 1	5	10	·037	Beautiful day. ● from 7p. [⌓n.
17	·15	30·14	53·4	50·6	47·8	58·2	3·3	1·8	·320	·323	79	88	SSE 0·5	SE 1	10	10	—	
18	30·04	29·92	54·2	53·7	44·8	60·2	3·5	3·8	·325	·312	77	75	SE 2·5	SE 0·5	9	0	—	Beautiful day.
19	29·82	29·81	66·4	62·1	49·2	73·1	10·5	6·0	·328	·374	51	68	SE 3·5	SE 1	2	8	—	Delightfully fine and very warm.
20	29·92	30·00	61·7	59·3	52·9	76·3	6·2	5·2	·363	·354	66	70	S 2·5	SE 1	6	0	—	Delightfully fine and very warm.
21	30·05	30·01	69·5	58·7	49·0	75·1	11·2	4·5	·356	·363	49	73	SE 2	S 0·5	1	0	—	Delightfully fine and very warm.
22	29·96	29·94	69·0	58·3	52·1	76·3	11·5	8·7	·342	·365	49	54	E 4·5	E 3	0	2	—	Very warm day.
23	·97	·99	55·3	56·8	46·9	70·9	4·2	3·4	·325	·364	74	78	S 1	WSW 0·5	10	0	—	Fine and very warm.
24	·96	·93	65·4	56·2	46·2	77·5	7·6	2·6	·382	·378	61	84	NNE 1	SE 0·5	1	0	—	Very warm all day. Clear n.
25	·93	·92	68·8	56·6	45·3	80·1	10·3	6·0	·368	·301	52	66	NNE 1·5	E 0·5	0	0	—	Very warm all day. Clear n.
26	·93	·91	67·8	54·7	46·4	77·6	13·1	4·6	·292	·306	43	72	ENE 2·5	NE 1	0	0	—	Beautifully fine and very warm.
27	·91	·89	48·9	51·2	42·1	67·3	2·3	3·8	·291	·283	84	75	E 3	NE 1	9	0	—	Beautifully fine and pleasant. Clear n.
28	·87	·88	60·4	52·0	40·7	70·4	7·3	4·9	·319	·268	60	70	NE 1·5	N 1·5	5	0	—	Fine and pleasant. Clear n.
29	·90	29·87	59·0	51·8	44·2	66·6	7·7	4·6	·293	·273	58	71	NNW 2·5	WNW 1·5	2	1	·030	Beautiful day. ● 2 shower 10p.
30	29·98	30·08	55·5	46·8	42·2	60·7	7·4	3·5	·259	·241	59	76	NW 4	W 1	5	1	—	Beautiful day, but cool.
Mean	30·076	30·064	56·6	51·0	41·9	66·5	6·2	3·9	·300	·284	65·7	75·3	2·5	1·4	3·7	1·1	0·067	

PLYMOUTH.—APRIL 1893.

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 74 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 4° 8′ W. Lat. 50° 22′ N. Gravity Correction, + ·015 in.

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind, Direction and Force. 9 a.m.	9 p.m.	Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·74	29·83	50·5	46·0	43·0	59·3	1·6	2·5	·327	·254	89	82	S	NNW	9	10	·045	≋a. Fine, with ●. ●0 shower n.
2	·97	30·03	45·8	51·0	41·5	58·1	3·8	4·8	·226	·259	73	79	N	N	10	0	—	Dull and cloudy.
3	·99	29·94	57·0	53·6	47·9	61·4	7·1	4·5	·282	·296	61	72	ENE	ENE	0	0	—	Fine and clear all day.
4	·94	·94	58·0	53·7	51·4	61·4	9·1	6·7	·255	·251	53	61	E	ENE	0	0	—	Fine and clear all day, with ●.
5	·87	29·86	56·5	54·5	49·0	62·7	6·6	5·4	·286	·287	62	67	E	E	0	0	—	Fine and clear all day, with ●.
6	29·88	30·03	54·0	49·6	47·9	60·9	3·1	0·6	·334	·333	80	95	ENE	NW	8	0	—	Cloudy till 10a., then clear and sunny.
7	30·12	·17	64·5	53·5	44·5	68·3	10·6	6·5	·302	·254	49	61	E	E	0	0	—	Fine and sunny all day.
8	·23	·15	58·0	52·1	46·3	63·0	7·1	4·1	·294	·286	61	74	E	E	0	0	—	Fine and sunny all day.
9	30·09	30·02	53·0	54·0	46·0	59·9	5·6	4·1	·265	·309	65	74	E	ENE	0	0	—	Fine and sunny all day.
10	29·98	29·91	57·5	54·2	50·4	64·6	6·6	6·1	·298	·268	63	64	E	E	0	0	—	Fine and sunny all day.
11	29·94	30·05	51·0	47·0	46·5	54·9	6·0	3·3	·236	·247	62	77	ENE	E	0	0	—	Fine and sunny all day.
12	30·14	·13	43·0	43·0	38·5	49·9	4·0	2·1	·197	·232	71	84	E	E	4	0	—	Fine and sunny all day.
13	·14	·16	51·0	46·0	34·0	56·1	6·0	1·8	·236	·269	62	87	ENE	N	0	0	—	≋9 (mist) 9a. Fine till 2p., when [wind veered to SSW.
14	·17	·10	48·5	42·5	37·6	49·9	4·5	1·6	·239	·238	70	87	SE	N	9	0	—	
15	·06	30·02	48·5	45·0	33·0	51·9	3·5	2·0	·260	·254	76	84	SSE	NNE	9	0	—	
16	·01	29·98	51·0	49·5	36·4	53·4	3·0	0·3	·298	·346	82	93	SSW	WSW	9	9	·035	Fine a. ●2 showers in afternoon.
17	30·00	·98	53·5	49·5	42·5	55·4	2·1	1·6	·352	·313	86	89	S	SE	9	0	—	≋9 (mist) 9a. Overcast most of day.
18	29·88	·73	53·5	54·0	45·5	63·4	2·1	4·1	·352	·309	86	74	SSE	E	9	0	—	≋9 (mist) 9a.
19	·61	·68	60·5	51·3	50·9	61·5	5·6	0·9	·361	·355	68	93	E	E	8	1	—	
20	·79	·85	66·5	56·0	47·9	66·9	6·2	3·1	·437	·362	67	81	NW	N	0	0	—	Fine and sunny all day.
21	·83	·81	66·5	61·3	51·4	72·8	10·1	10·1	·339	·272	52	51	ESE	SE by S	2	5	—	Fine and sunny all day.
22	·76	·79	61·5	56·0	55·1	61·4	6·6	2·6	·351	·374	64	83	E	SE	0	10	·572	Fine and sunny. < ●2 at night.
23	·84	·90	56·3	53·1	50·9	58·9	1·4	0·1	·413	·401	90	100	SE	SW	9	0	—	Fine and sunny.
24	·86	·80	62·0	57·5	47·4	63·9	4·2	3·1	·422	·382	76	81	NW	N	1	0	—	Fine and sunny all day. [all day.
25	·77	·79	69·9	57·3	50·3	73·3	8·6	7·9	·428	·268	59	57	SE	Calm	0	0	—	≋9 (mist) 9a. Very warm and sunny
26	·79	·78	68·4	56·5	47·9	72·3	15·5	3·6	·255	·356	35	77	E	Calm	0	0	—	Very warm and sunny all day.
27	·76	·75	63·5	51·0	45·5	65·0	10·1	0·6	·293	·358	52	96	E	Calm	4	0	—	Fine and clear all day. Much cooler.
28	·78	·80	58·0	50·5	46·5	64·3	4·6	5·5	·352	·239	73	65	NW	NNW	0	9	—	Fine and sunny. ◫
29	·84	29·81	53·0	50·3	43·5	58·2	4·1	0·4	·297	·355	73	97	NW	WSW	8	10	—	Fine and sunny.
30	29·93	30·00	52·5	48·0	44·9	55·9	6·4	2·5	·243	·275	61	83	NW	W	9	0	—	Fine and sunny from 10a.
Mean	29·923	29·925	56·4	51·6	45·5	61·1	5·9	3·4	·308	·300	67·3	78·8	—	—	3·9	1·7	0·052	

LONDONDERRY.—APRIL 1893.

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

1	29·88	30·00	44·0	41·2	38·9	52·2	2·6	2·0	·232	·217	80	85	SW 3	SW 1	2	0	—	Fine day.
2	30·10	·14	44·9	46·7	39·2	56·9	2·2	1·7	·249	·279	85	88	SW 2	N 1	2	3	—	Fine day.
3	·17	·17	46·8	44·7	39·0	63·0	2·1	1·8	·270	·255	85	87	SW 3	Calm 0	3	0	—	Fine day.
4	·18	30·10	45·2	46·0	36·2	67·2	1·6	3·5	·264	·235	88	76	Calm 0	Calm 0	0	0	—	Fine day.
5	·01	29·97	54·7	54·7	38·8	67·3	9·0	6·0	·220	·277	52	65	SE 1	SE 1	0	0	—	Fine day.
6	·11	30·24	50·7	48·7	43·4	60·8	1·8	2·3	·325	·289	88	84	WNW 1	NW 1	10	10	—	≋9 (mist) a.
7	·38	·45	49·8	46·7	44·0	57·5	2·8	1·6	·288	·281	81	89	NW 1	E 1	8	0	—	Fine day.
8	·52	·46	46·9	44·7	41·6	54·3	1·0	1·0	·298	·273	93	93	SE 1	Calm 0	10	0	—	Fine day.
9	·37	·29	43·7	45·7	37·0	65·9	1·5	2·0	·251	·262	88	86	SW 1	Calm 0	0	0	—	Fine day.
10	·29	·25	48·9	45·0	36·2	57·0	2·9	2·3	·277	·247	80	83	NE 2	NE 1	7	0	—	Fine day.
11	·31	·39	48·8	40·2	39·2	53·3	3·6	1·4	·261	·220	75	89	NW 2	E 1	9	5	—	Fine day.
12	·41	·33	46·7	46·2	35·4	54·0	5·2	1·2	·209	·285	66	92	NE 1	NW 1	7	8	—	
13	·32	·26	50·3	48·5	45·0	50·3	3·3	2·3	·283	·285	78	83	NE 1	Calm 0	10	10	—	
14	30·20	30·08	45·2	48·7	40·6	55·5	2·5	3·5	·245	·261	82	76	SW 2	S 2	10	10	—	
15	29·97	29·97	52·0	51·2	45·8	58·4	5·1	1·6	·264	·335	69	89	SW 3	SW 2	10	6	·230	● n., a., and from 7p.
16	·94	·95	51·7	49·0	48·4	55·0	1·0	0·6	·327	·332	93	96	SW 1	S 1	10	10	·240	● during day.
17	·96	·86	47·8	52·9	43·5	55·1	1·3	2·0	·301	·346	91	87	ESE 3	S 2	10	10	·150	● showers during day.
18	·82	·78	54·9	55·7	51·2	58·2	1·6	4·1	·385	·333	90	75	S 2	S 2	10	10	·060	● during day.
19	·74	29·73	59·7	59·7	50·0	69·5	5·0	5·8	·365	·346	71	68	SE 1	S 1	10	10	—	
20	29·95	30·12	57·2	48·7	47·0	59·8	3·9	3·0	·357	·272	76	80	NE 1	NW 1	10	5	—	
21	30·04	29·95	56·0	56·8	41·0	70·1	3·9	4·2	·343	·345	76	75	E 2	NE 2	5	5	—	
22	29·97	29·91	64·5	56·4	49·8	72·7	8·3	4·8	·351	·326	58	71	Calm 0	S 1	1	0	—	Fine day.
23	29·94	30·00	58·1	53·5	48·5	70·0	6·7	2·9	·304	·331	63	81	E 1	SW 1	0	0	—	Fine day.
24	30·05	·09	55·3	51·7	45·8	74·0	3·0	1·8	·354	·337	81	88	N 1	Calm 0	0	0	—	Fine day.
25	·11	·08	52·3	49·7	48·0	65·8	2·4	2·0	·330	·307	83	87	NE 1	Calm 0	10	0	—	Fine day.
26	30·06	30·03	50·5	48·5	43·0	58·0	1·9	1·7	·319	·299	87	88	NE 1	NW 1	10	1	—	Fine day.
27	29·98	29·95	55·1	50·7	46·9	59·9	5·4	3·8	·294	·277	68	75	NW 2	NW 1	10	10	·030	●0 at night.
28	·96	·89	51·7	47·7	43·4	53·7	6·6	3·0	·232	·261	61	80	W 2	NW 3	10	10	·230	●0 n. and during day.
29	·73	·80	46·6	44·7	42·3	52·3	2·3	2·4	·265	·242	84	82	W 3	W 2	10	5	·200	● showers. ⌒ 6.30p.
30	29·87	29·92	46·2	45·0	40·0	51·5	4·0	3·3	·227	·227	73	76	NW 4	NW 1	9	9	·080	● showers all day.
Mean	30·077	30·072	50·9	49·0	43·0	60·0	3·5	2·7	·291	·286	78·2	82·5	1·6	1·0	6·8	4·6	1·210	

ARMAGH.—APRIL 1893.

Height above Mean Sea Level, 196 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 39′ W. Lat. 54° 21′ N. Gravity Correction, + ·025 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·77	29·89	47·6	39·7	39·7	51·1	3·8	1·7	·244	·210	75	86	SW 1	WSW 1	8	0	·033	
2	30·02	30·05	48·8	46·0	32·9	57·3	2·5	1·7	·285	·272	82	88	SW 2	SW 1	0	7	—	
3	·06	30·03	44·6	43·2	36·4	58·9	0·2	1·0	·289	·238	98	85	SW 1	SWbyS 0·5	10	0	—	early *a*.
4	30·04	29·98	52·2	44·1	31·0	61·7	4·8	2·6	·272	·233	70	80	Calm 0	Calm 0	0	0	—	Fine day.
5	29·90	29·86	53·1	54·6	32·8	62·7	4·5	5·7	·289	·282	71	67	SE 1	SSE 1	0	6	—	
6	29·96	30·08	52·7	46·3	39·0	62·2	2·6	0·7	·329	·297	83	95	Calm 0	NNE 0·5	5	2	—	
7	30·24	·29	49·6	44·8	37·2	60·5	2·4	0·2	·296	·293	83	99	Calm 0	NE 0·5	10	0	—	
8	·38	·31	45·0	42·8	41·5	51·8	0·5	0·7	·287	·259	96	95	NE 1	Calm 0	10	0	—	
9	·24	·15	44·1	43·8	33·7	57·2	0·9	1·2	·269	·259	·93	91	SSE 0·5	Calm 0	10	0	—	
10	·13	·08	47·1	40·5	33·1	58·3	1·8	0·5	·281	·241	87	96	NE 1	NEb.N 0·5	10	0	—	
11	·16	·24	44·2	40·2	38·7	46·7	1·7	1·9	·253	·211	87	85	NE 1	NEbyE 1	10	9	—	
12	·26	·19	47·4	42·6	34·1	53·2	3·5	0·6	·247	·260	76	95	Calm 0	N 0·5	5	5	·010	
13	·18	30·13	48·9	41·5	40·8	54·7	2·3	0·7	·291	·248	84	94	Calm 0	SSE 0·5	10	0	—	
14	30·08	29·96	45·2	45·6	31·4	54·2	1·4	2·5	·269	·250	90	82	SW 1	WSW 0·5	10	10	—	
15	29·88	·86	50·5	51·7	42·8	60·3	3·3	1·9	·286	·334	78	88	SW 2	SW 1	8	10	·005	
16	·84	·81	51·5	52·0	42·7	53·8	0·9	0·0	·357	·402	93	100	SW 2	SSW 0·5	10	10	·650	Overcast all day.
17	·86	·78	47·9	51·7	44·1	56·4	0·0	0·8	·334	·362	100	94	ESE 2	S 2	10	10	·060	Overcast all day.
18	·71	·68	54·7	55·8	49·7	58·7	0·8	2·9	·406	·365	95	81	SSW 2	SbyW 1	10	10	·010	Overcast all day.
19	·62	·62	55·2	56·3	47·3	65·8	1·3	2·1	·398	·393	91	86	SE 1	Calm 0	7	10	·005	
20	·81	·97	59·1	45·2	44·7	64·0	2·7	0·2	·418	·297	83	99	Calm 0	NEb.N 1	3	0	·010	
21	·92	·83	54·2	53·1	40·6	61·0	2·0	1·9	·364	·351	86	86	NEbyE 1	E 1	4	4	—	
22	·85	·78	58·9	58·9	46·6	66·0	4·3	4·2	·371	·373	74	75	E 1	SE 3	0	0	—	Fine day.
23	·82	·88	56·9	50·3	46·6	64·7	3·8	1·4	·355	·329	77	90	SE 1	SbyW 0·5	3	0	—	Fine day.
24	·91	·91	58·3	50·2	42·4	67·4	3·6	0·0	·381	·364	78	100	Calm 0	NNE 1	0	10	—	
25	·92	·92	56·2	46·6	45·0	63·5	2·1	0·0	·391	·318	87	100	NNE 1	NNE 0·5	0	0	—	Fine day.
26	·91	·90	48·8	45·8	42·2	59·7	0·4	0·0	·335	·309	97	100	NNE 0·5	Calm 0	10	0	—	
27	·84	·80	54·6	51·9	39·3	63·8	3·4	0·2	·334	·381	78	99	Calm 0	Calm 0	6	4	—	
28	·84	·80	52·7	46·2	40·9	56·3	3·1	1·3	·317	·283	80	91	NW 0·5	W 0·5	7	10	·050	
29	·63	·70	47·8	41·0	40·2	53·3	1·3	0·3	·301	·259	91	98	SW 2	W 0·5	3	10	·020	▲ showers.
30	29·78	29·82	47·2	42·0	38·0	54·4	2·2	0·0	·273	·267	85	100	NW 1	Calm 0	5	10	·090	▲ showers.
Mean	29·951	29·943	50·8	47·2	39·8	58·7	2·3	1·3	·317	·298	84·9	90·8	0·9	0·7	6·1	4·6	0·943	

MARKREE CASTLE (SLIGO).—APRIL 1893.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27′ W. Lat. 54° 11′ N. Gravity Correction, + ·024 in.

1	29·84	29·97	48·5	36·8	33·2	52·4	3·5	0·9	·259	·201	76	93	SW 0·5	Calm 0	8	3	—	∞ *op*.
2	30·07	30·11	49·0	43·5	30·2	57·2	3·0	0·8	·276	·264	79	94	S 1	Calm 0	7	5	—	
3	·13	·08	41·0	40·9	34·0	56·8	0·1	1·3	·255	·229	99	90	Calm 0	Calm 0	10	2	—	*a*.
4	30·09	30·01	52·6	47·2	30·0	62·4	5·9	3·5	·255	·245	65	76	SE 1	Calm 0	2	7	—	
5	29·90	29·91	53·4	52·1	39·0	66·3	6·4	2·0	·253	·337	62	86	SSE 3	Calm 0	4	10	·060	
6	30·05	30·18	48·6	48·0	47·1	52·7	1·6	1·5	·302	·207	89	90	NNW 2	N 0·5	10	10	·090	
7	·32	·37	50·2	46·7	37·4	57·2	2·6	0·6	·298	·304	83	96	NNE 0·5	NNW 0·5	7	4	—	
8	·43	·37	45·1	43·4	37·0	56·3	0·0	0·5	·300	·271	100	96	N 0·5	Calm 0	10	10	—	*ga*.
9	·29	·21	45·0	45·3	31·9	58·4	1·8	1·1	·257	·277	86	92	SSW 0·5	Calm 0	9	5	—	
10	·20	·16	52·2	43·3	31·8	61·2	4·0	2·5	·290	·227	74	81	E 1	NE 1	4	3	—	
11	·21	·30	47·0	36·7	35·8	50·0	3·6	0·6	·241	·206	75	95	E 2	Calm 0	10	5	—	
12	·34	·28	47·0	44·8	29·4	52·7	3·7	1·9	·239	·254	75	86	E 1	N 1	9	8	·030	
13	·24	·19	47·0	47·0	41·3	53·0	1·5	2·1	·296	·273	90	85	N 0·5	Calm 0	10	10	—	Overcast all day.
14	30·14	30·01	50·4	47·6	42·3	54·9	5·4	2·3	·241	·275	66	84	SSW 0·5	SSE 0·5	10	10	—	
15	29·94	29·92	51·0	50·8	42·2	60·0	3·9	1·1	·278	·344	75	92	SSW 1	SSW 0·5	9	10	·040	
16	·87	·85	51·4	53·0	48·0	54·9	0·8	0·2	·359	·397	94	99	S 1	Calm 0	10	10	·670	Overcast all day.
17	·86	·78	54·4	53·4	50·9	58·5	0·5	0·9	·410	·383	97	94	SSE 1	SSE 3	10	10	·070	Overcast all day.
18	·74	·70	57·0	54·3	51·7	60·6	1·9	1·9	·408	·368	88	87	S 2	SE 1	10	10	·020	Overcast all day.
19	·64	29·67	56·9	57·0	49·0	68·1	3·4	1·2	·365	·428	79	92	SE 3	Calm 0	9	10	·110	
20	·91	30·05	54·4	48·0	47·1	57·0	1·5	1·2	·381	·304	90	92	NNW 2	NNE 1	10	6	—	
21	·96	29·80	54·5	60·0	37·6	69·9	2·7	4·8	·350	·374	82	72	NE 1	SSE 2	7	9	—	*p*
22	·78	·76	64·7	59·9	51·3	69·1	8·6	5·6	·348	·353	56	68	ESE 3	ESE 3	4	8	·070	
23	·85	·91	51·0	53·2	50·3	63·0	1·0	0·7	·348	·386	93	96	SSE 0·5	SE 1	10	6	—	
24	29·99	29·99	58·1	51·9	40·2	63·1	2·9	1·0	·398	·359	81	93	Calm 0	N 0·5	8	8	—	before *qr*.
25	30·02	30·00	54·0	47·1	42·7	59·8	2·4	0·3	·350	·317	84	98	ENE 1	NNW 0·5	8	8	—	
26	29·98	29·97	52·3	47·3	35·3	56·6	2·4	0·7	·330	·309	83	95	NE 1	NNE 0·5	10	2	—	
27	·93	·92	53·1	50·0	38·0	58·8	3·0	1·2	·324	·329	80	92	NNW 0·5	N 1	10	10	—	
28	·94	·89	51·7	46·9	43·4	52·5	5·5	2·7	·253	·258	66	81	NW 2	WSW 0·5	9	10	·080	
29	·74	·81	48·5	44·0	41·4	52·2	3·5	2·0	·259	·244	76	84	WNW 2	WNW 2	9	8	·140	
30	29·80	29·90	49·8	44·1	39·3	52·9	6·3	1·9	·219	·247	62	85	NW 2	NW 1	9	8	·200	
Mean	30·008	30·002	51·4	48·1	40·3	58·3	3·1	1·6	·305	·302	80·2	88·8	1·2	0·7	8·4	7·5	1·580	

DUBLIN (PHŒNIX PARK).—APRIL 1893.

Height above Mean Sea Level, 155 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 21′ W. Lat. 53° 22′ N. Gravity Correction, + ·022 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·84	29·96	45·2	41·7	41·0	50·9	2·3	1·9	·249	·225	83	86	Calm 0	Calm 0	9	7	—	
2	30·11	30·14	48·5	39·2	31·2	56·8	4·5	1·6	·239	·208	70	87	W 1	Calm 0	2	1	—	Beautiful day.
3	·13	·09	49·0	38·4	31·7	57·9	3·1	1·2	·274	·208	78	90	Calm 0	Calm 0	1	0	—	Beautiful day.
4	30·09	30·03	50·6	39·9	34·7	56·0	4·0	1·2	·272	·222	74	91	ESE 1	Calm 0	1	0	—	Beautiful day.
5	29·94	29·88	52·5	44·7	34·9	61·1	5·3	2·1	·265	·249	67	85	E 1	Calm 0	1	1	—	Beautiful day.
6	29·98	30·12	53·8	43·3	36·9	59·7	3·1	1·6	·330	·246	79	88	Calm 0	Calm 0	1	1	—	Bright *a*. Cloudy *p*.
7	30·27	·31	51·2	42·1	37·1	58·9	2·7	1·5	·309	·236	82	88	Calm 0	Calm 0	1	1	—	Beautiful day.
8	·41	·33	45·7	40·4	36·1	49·1	1·4	1·0	·275	·230	90	92	ENE 1	Calm 0	9	0	—	Dull and cloudy till 3.30*p*.
9	·26	·18	44·0	35·6	32·0	52·6	2·3	0·7	·238	·197	82	94	E 1	Calm 0	6	0	—	Beautiful day. *n*.
10	·16	·08	49·8	38·2	27·8	56·8	4·0	1·5	·264	·201	74	88	E 1	Calm 0	1	0	—	*a*. Beautiful day.
11	·15	·24	44·7	42·9	34·9	49·0	2·1	2·4	·249	·226	85	85	E 1	E 1	7	1	—	Cloudy *a*. Bright *p*.
12	·30	·24	45·3	36·3	34·2	50·9	5·3	1·5	·195	·186	64	87	E 1	Calm 0	1	1	—	Beautiful day.
13	·23	·19	48·4	38·2	34·7	53·2	2·9	1·3	·271	·204	81	89	Calm 0	Calm 0	6	1	—	Beautiful day from 10*a*.
14	30·16	30·05	49·8	39·3	27·7	58·6	4·5	1·6	·253	·209	71	88	W 1	Calm 0	4	0	—	Beautiful day.
15	29·99	29·95	50·2	49·7	35·3	59·9	4·6	3·3	·255	·277	71	78	WSW 2	WSW 1	4	0	·005	Beautiful day.
16	·93	·89	54·1	52·4	47·3	57·2	4·1	1·3	·309	·358	74	91	WSW 1	Calm 0	8	9	·300	Cloudy, with ● showers.
17	·92	·89	55·8	53·4	50·8	60·3	2·1	2·5	·387	·340	86	83	Calm 0	S 1	8	9	·210	Cloudy, with ● showers.
18	·81	·77	55·8	50·9	50·0	62·8	2·4	1·8	·378	·327	84	88	W 1	Calm 0	7	9	—	Cloudy day.
19	·67	·68	57·7	52·5	43·8	63·2	4·3	2·1	·355	·338	74	86	SE 1	Calm 0	6	2	—	
20	·87	·99	58·4	50·9	44·8	66·9	3·6	1·0	·383	·324	78	87	WNW 1	Calm 0	1	2	—	Beautiful day.
21	·96	·87	51·9	51·0	39·7	58·0	2·2	1·7	·329	·331	86	88	E 1	Calm 0	4	4	—	Beautiful day.
22	·88	·81	59·3	54·1	44·6	66·1	5·7	3·5	·341	·323	68	78	E 1	Calm 0	1	1	·030	Beautiful day. Cloudy from 11*p*.
23	·87	·92	55·4	49·5	48·1	61·0	2·7	1·6	·363	·314	83	89	E 1	Calm 0	6	4	—	
24	·07	·92	52·8	46·3	43·0	64·1	2·0	1·7	·346	·274	87	88	WNW 1	Calm 0	9	1	—	Cloudy *a*. Bright *p*.
25	·95	·94	58·0	48·6	40·2	65·3	3·8	1·8	·372	·299	77	88	Calm 0	Calm 0	1	0	—	Beautiful day.
26	·95	·93	52·9	47·4	37·1	60·8	2·4	1·3	·336	·296	85	91	Calm 0	Calm 0	2	1	—	Beautiful day.
27	·91	·85	55·2	49·6	35·7	63·5	3·6	2·0	·337	·305	78	86	NE 1	Calm 0	4	7	—	Beautiful day.
28	·93	·90	51·3	46·2	44·0	56·7	4·6	2·7	·267	·253	71	82	N 1	Calm 0	5	4	—	
29	·77	·80	50·7	43·3	40·3	54·2	3·7	2·7	·279	·223	76	80	W 2	W 1	8	1	·125	● 2 showers.
30	29·88	29·92	47·9	46·4	37·8	53·6	4·2	2·0	·239	·269	72	86	WNW 2	NW 1	7	8	·110	● showers *p*.
Mean	30·009	29·994	51·5	45·1	38·5	58·2	3·5	1·8	·299	·263	77·7	86·8	0·8	0·2	4·4	2·5	0·780	

PARSONSTOWN (BIRR CASTLE).—APRIL 1893.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar.,—2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 inches.
Long. 7° 55′ W. Lat. 53° 6′ N. Gravity Correction, + ·021 in.

1	29·80	29·97	45·2	40·7	38·3	50·7	2·3	2·3	·249	·208	83	82	SW 1	Calm 0	8	8	—	(mist) *a*.
2	30·07	30·11	49·2	41·7	31·8	56·9	3·5	0·8	·268	·248	76	94	SW 1	Calm 0	0	0	—	(mist) *a*. Day fine and bright.
3	·08	30·03	49·2	47·7	30·8	60·7	2·8	1·8	·283	·288	81	87	Calm 0	Calm 0	0	6	—	Fine day.
4	30·03	29·97	46·7	49·7	37·8	67·2	2·8	0·3	·255	·349	81	98	Calm 0	Calm 0	8	0	—	Dull *a*., then bright.
5	29·86	29·88	57·7	51·1	38·3	64·7	8·6	1·8	·260	·330	54	87	SE 1	Calm 0	0	10	—	Fine day.
6	29·98	30·11	50·7	45·7	41·8	57·7	1·3	0·4	·337	·299	91	97	SW 1	SE 1	8	0	—	Dull day.
7	30·25	·27	47·7	49·5	37·8	61·1	0·8	1·6	·312	·315	94	89	SW 1	Calm 0	6	0	—	Fine and warm.
8	·37	·30	44·7	44·7	37·8	53·5	0·8	0·8	·278	·278	94	94	NE 1	Calm 0	10	0	—	Dull *a*., then fine, but cool.
9	·20	·14	47·9	46·7	37·3	63·1	3·0	1·8	·264	·277	80	87	NE 1	Calm 0	0	0	—	Fine and warm.
10	·13	·06	49·7	47·7	34·0	62·7	3·0	1·8	·283	·288	80	87	NW 1	Calm 0	0	0	—	Fine and bright.
11	·10	·20	47·1	41·5	37·8	53·7	2·4	1·6	·267	·229	83	88	NE 1	Calm 0	6	0	—	Fine, but cool.
12	·28	·22	46·2	43·2	33·3	52·5	4·3	0·3	·221	·273	71	97	NE 1	NW 1	2	0	—	*n*. Fine and bright.
13	·21	·16	46·1	46·7	29·8	52·2	1·2	2·3	·284	·266	91	84	SE 1	Calm 0	6	10	—	Cloudy day.
14	30·13	30·03	50·7	47·7	40·8	55·5	4·8	1·8	·257	·288	69	87	S 1	Calm 0	2	10	—	Fine and warm.
15	29·95	29·93	53·1	50·2	39·6	59·5	4·2	1·8	·296	·317	73	88	SE 1	Calm 0	3	10	·094	Fine and warm.
16	·88	·85	50·0	53·5	46·8	54·7	0·2	0·6	·367	·393	99	95	SW 1	Calm 0	10	10	·424	Dull, with ● 2.
17	·86	·80	53·7	51·7	49·8	58·7	1·0	0·3	·384	·376	93	98	SE 1	SE 2	10	10	·162	Dull, with ●.
18	·76	·69	55·7	52·7	50·2	60·7	1·3	1·8	·407	·349	92	88	SW 1	Calm 0	9	3	—	Dull day.
19	·59	·65	59·7	52·9	47·8	67·5	4·3	1·0	·383	·372	74	93	SW 1	Calm 0	6	2	—	Fine and warm.
20	·86	·97	58·7	49·9	48·8	62·7	2·6	0·8	·414	·337	84	95	SW 1	Calm 0	8	10	—	Fine and warm.
21	·88	·78	54·7	63·7	41·8	72·5	2·3	5·6	·363	·409	85	69	SE 1	SE 1	10	10	—	Fine and bright.
22	·77	·73	65·1	57·5	52·8	72·5	6·8	3·6	·398	·369	65	78	SW 1	SE 1	0	10	·024	Fine day.
23	·80	·89	55·1	51·7	49·9	66·5	0·7	0·8	·414	·362	95	94	SE 1	Calm 0	10	0	—	Dull *a*., then fine and warm.
24	·94	·91	54·7	54·7	45·8	67·9	3·0	0·8	·346	·406	80	93	Calm 0	Calm 0	9	0	—	Fine day. (mist) *op*.
25	·94	·92	54·5	54·9	43·8	66·2	2·6	1·8	·352	·380	82	89	N 1	Calm 0	2	0	—	*n*. Fine and warm. (mist) *op*.
26	·95	·91	46·2	51·7	39·0	61·7	0·4	1·3	·304	·349	98	91	NE 1	Calm 0	10	4	—	*a*. Fine and warm.
27	·89	·86	52·7	54·2	38·0	61·7	2·8	1·8	·325	·369	81	88	NE 1	Calm 0	6	10	—	(mist) *a*. Fine day.
28	·93	·89	52·7	47·5	43·2	56·7	5·4	2·1	·266	·278	67	85	NW 1	Calm 0	4	6	—	Fine, but cool.
29	·75	·77	50·2	42·9	40·8	56·5	1·3	1·5	·330	·244	91	88	NE 1	NW 1	6	0	·054	Dull *a*. ● ▲
30	29·90	29·89	49·7	46·7	38·3	54·7	3·9	1·4	·265	·286	74	90	NE 1	SW 1	9	10	·060	
Mean	29·970	29·963	51·5	49·4	40·8	60·4	2·8	1·5	·314	·318	82·0	89·4	0·9	0·3	5·6	4·6	0·818	

Deerness.—May 1893.

Height above Mean Sea Level, 169 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45′ W. Lat. 58° 56′ N. Gravity Correction, + ·036 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	Dep. of Wet. 9 p.m.	Vapour Tension. 9 a.m.	Vapour Tension. 9 p.m.	Per-centage. 9 a.m.	Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	9 p.m.	Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·64	29·68	46·0	40·8	38·0	50·8	3·8	1·8	·229	·217	74	85	W 3	W 1	8	1	—	
2	·73	29·79	46·2	43·0	39·0	49·0	4·2	2·8	·223	·219	72	79	WNW 1	SE 1	8	1	—	Red sunset.
3	29·94	30·06	47·5	46·0	42·0	49·8	4·5	1·8	·228	·269	70	87	E 3	SE 3	5	10	·240	
4	30·08	·16	44·5	46·0	43·0	46·8	0·5	1·5	·281	·276	96	90	SE 6	SE 6	10	10	·050	
5	·17	·18	45·2	45·1	35·0	46·8	0·7	1·6	·285	·263	95	88	SE 7	SSE 6	10	10	—	Overcast all day.
6	·18	·22	47·3	45·3	43·0	49·2	1·5	1·6	·289	·265	90	88	SSE 6	SE 7	4	10	—	∞ p. Sun-dog 7p.
7	·30	·39	48·0	45·6	42·0	49·3	5·0	2·2	·224	·257	67	84	SE 8	SE 7	0	10	—	Fine day. ⁄. ∞ 9p.
8	·45	·39	50·3	46·2	43·0	52·8	2·3	1·0	·306	·290	84	93	SE 4	SE 3	0	1	—	Fine day. Red sunset.
9	·34	·29	51·0	47·7	44·0	51·8	2·8	2·4	·304	·274	81	83	SSE 3	SE 2	0	0	—	Fine day.
10	30·21	30·07	58·3	50·0	45·3	59·8	6·1	0·9	·320	·337	65	94	Calm 0	S 3	0	10	·250	
11	29·99	29·86	50·4	48·4	48·0	53·5	0·4	0·4	·356	·330	97	97	WSW 3	W 4	10	9	·200	
12	·79	·82	49·7	46·8	45·0	55·1	2·5	2·1	·295	·270	83	85	WSW 3	WNW 2	9	8	—	
13	·91	·77	48·1	49·0	42·6	52·6	2·3	1·0	·280	·322	84	93	SSE 2	S 1	10	3	—	
14	·81	·90	52·0	47·4	46·0	54·8	5·0	0·8	·266	·308	69	94	WSW 5	NW 3	9	10	—	
15	·93	·89	46·0	47·3	44·2	49·8	1·3	2·1	·280	·276	91	85	E 3	ESE 3	10	10	—	Overcast all day.
16	·77	·66	45·7	47·0	44·5	52·8	0·7	1·0	·291	·298	95	93	ESE 3	E 2	10	10	—	Overcast all day.
17	·58	·51	49·0	47·0	43·7	51·8	4·0	2·2	·255	·271	73	85	E 3	ESE 4	4	9	—	
18	·43	·35	51·4	48·3	45·0	54·0	1·7	0·3	·336	·331	89	98	E 4	E 4	3	10	·120	≡
19	·39	·45	52·0	48·0	46·0	54·8	1·0	0·0	·361	·335	93	100	SE 4	SE 5	5	10	—	≡ p. Mackerel sky.
20	·41	·38	51·0	49·0	45·8	53·3	1·0	0·6	·348	·332	93	96	SE 6	SE 6	10	10	·020	∞ 9a. ≡ p.
21	·48	·56	49·6	48·0	45·5	53·5	0·6	1·0	·340	·309	96	93	SE 4	SE 5	10	2	—	≡ a.
22	·60	·60	51·0	49·2	46·2	57·8	2·0	1·2	·323	·319	86	92	SSE 4	SE 2	1	8	—	Cir. in bands SW. to NE.
23	·47	·39	50·0	48·0	47·0	57·8	1·4	1·2	·324	·304	90	92	SSE 4	S 1	10	8	·180	
24	·44	·62	52·1	49·5	46·0	58·8	3·8	2·5	·293	·292	75	83	W 3	W 3	6	10	·220	
25	·57	29·85	52·4	48·2	47·0	54·0	3·4	1·2	·306	·307	78	92	W 6	NW 3	6	9	—	
26	·93	30·01	51·4	48·9	45·0	54·8	3·2	1·1	·300	·320	79	93	W 4	WNW 4	10	9	—	Overcast all day.
27	·99	30·02	50·5	50·0	48·9	53·8	2·8	0·8	·297	·339	81	94	NW 4	WNW 1	10	10	·170	Overcast all day.
28	29·89	29·92	53·0	47·0	46·2	54·8	0·6	1·4	·386	·289	96	90	W 5	N 5	10	9	—	Overcast all day.
29	30·02	30·03	46·8	43·0	37·0	48·8	3·8	4·3	·235	·192	74	69	N 4	N 4	10	3	—	
30	29·97	29·90	45·0	43·7	39·2	48·8	5·7	2·7	·186	·227	62	79	NNW 5	N 4	8	7	—	
31	29·87	29·78	48·0	47·4	42·0	50·8	5·7	0·6	·211	·313	64	96	N 3	NW 3	9	10	—	Very dry.
Mean	29·847	29·854	49·3	47·0	43·7	52·7	2·7	1·5	·289	·289	82·0	89·4	4·0	3·5	6·9	7·6	1·450	

Dunrobin Castle.—May 1893.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56′ W. Lat. 57° 59′ N. Gravity Correction, + ·034 in.

Day.	Bar. 9 a.m.	Bar. 9 p.m.	Air 9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet 9 a.m.	9 p.m.	Vap. Ten. 9 a.m.	9 p.m.	% 9 a.m.	% 9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	Cloud 9 p.m.	Rain	Remarks.
1	29·84	29·90	46·5	42·4	35·9	53·4	3·5	3·7	·238	·198	76	74	W	W	—	—	·020	
2	29·90	29·90	47·5	43·4	32·9	48·2	4·2	0·6	·234	·269	72	95	W	E	—	—	—	Fine and clear.
3	30·09	30·21	46·7	42·4	35·7	47·2	3·7	1·1	·236	·248	75	91	W	W	—	—	·250	Dull and cold, with ● showers.
4	·18	·27	48·7	45·4	41·2	51·6	5·4	1·9	·225	·260	65	87	W	E	—	—	·020	Dull, with ● showers.
5	·29	·29	50·5	47·5	44·5	55·4	7·0	1·5	·213	·291	59	89	E	E	—	—	—	Dull, with ≡⁰ (mist).
6	·31	·34	54·7	47·0	44·9	59·4	7·0	1·0	·256	·298	61	93	E	E	—	—	—	Fine day.
7	·42	·54	55·5	51·7	43·7	56·6	5·2	3·0	·305	·308	69	80	E	E	—	—	—	Fine, but with cold wind.
8	·57	·54	48·5	48·7	42·2	55·6	2·8	3·7	·274	·257	81	75	E	E	—	—	—	Fine, warm, and dry.
9	·51	·50	51·5	47·7	44·7	59·4	3·0	1·0	·305	·307	80	93	E	E	—	—	—	Fine, warm, and dry.
10	·42	·28	54·5	54·9	44·7	62·9	4·2	3·2	·313	·344	74	79	E	W	—	—	·030	Dull and warm.
11	30·17	·04	56·7	51·3	50·9	59·4	2·4	2·6	·389	·313	85	82	SW	W	—	—	·230	Dull day.
12	29·94	·04	48·0	48·0	46·2	52·9	2·5	2·3	·274	·278	83	84	W	NW	—	—	·090	Dull, with ●.
13	30·05	·01	50·5	57·0	45·5	58·4	2·2	2·3	·312	·397	85	85	E	W	—	—	—	Fine and mild.
14	·03	30·08	58·3	51·5	45·7	61·9	6·8	1·5	·304	·341	63	89	W	E	—	—	—	Fine and mild.
15	30·08	29·99	47·0	48·3	45·5	51·5	2·0	2·6	·275	·276	86	82	E	E	—	—	—	Dull and colder.
16	29·92	·80	48·5	47·0	45·9	54·4	2·8	1·7	·274	·282	81	88	E	E	—	—	—	Dull and dry, with cold wind.
17	·73	·64	45·5	48·5	45·3	48·6	1·5	3·0	·270	·270	89	80	E	E	—	—	—	Dull day.
18	·58	·50	50·5	49·5	46·7	51·9	2·5	2·2	·304	·299	83	85	E	E	—	—	·200	Dull, with ● showers.
19	·53	·53	51·3	52·5	48·7	59·4	2·6	2·0	·313	·341	82	87	E	NE	—	—	·100	Dull day. T. Cold wind.
20	·53	·53	51·5	52·5	48·5	54·6	1·5	2·0	·341	·341	89	87	E	E	—	—	—	Dull and colder.
21	·60	·71	53·7	50·5	48·9	56·4	2·2	2·5	·352	·304	86	83	E	N	—	—	—	Fine and milder.
22	·77	·71	53·3	50·0	44·5	60·2	3·0	3·0	·326	·286	80	80	E	E	—	—	·020	Fine day.
23	·56	·58	56·0	53·7	44·2	61·4	2·5	5·2	·378	·281	84	68	W	NW	—	—	·090	Fine a. Dull, with ● showers p.
24	·70	29·81	57·5	52·5	46·5	58·9	2·8	2·0	·392	·341	82	87	W	W	—	—	·040	Fine a. Dull, with ●⁰ showers p.
25	29·82	30·08	54·0	52·3	47·7	56·9	5·7	4·8	·273	·274	66	70	W	W	—	—	—	Fine a. Cold p.
26	30·12	·17	54·5	53·1	47·3	57·9	4·0	3·8	·318	·305	75	75	W	W	—	—	—	Dull day.
27	·18	·16	57·7	56·5	52·5	64·4	4·0	2·2	·363	·392	76	86	W	W	—	—	—	Fine a. Dull p.
28	·11	·13	58·5	54·3	53·7	61·4	3·2	2·6	·394	·349	80	82	W	W	—	—	—	Dull day.
29	·16	·22	45·7	46·0	45·7	55·6	2·0	2·7	·262	·250	86	81	E	E	—	—	·030	Dull day.
30	·18	·08	46·7	45·2	43·7	54·9	4·7	1·7	·218	·262	69	88	E	W	—	—	·140	Dull and dry.
31	30·04	30·07	49·5	52·5	45·2	53·4	1·8	3·8	·309	·298	88	75	W	N	—	—	·020	Dull, with ● showers.
Mean	30·010	30·021	51·6	49·8	45·1	56·3	3·5	2·5	·298	·299	77·7	83·2	—	—	—	—	1·280	

Braemar.—May 1893.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches.
Long. 3° 24′ W. Lat. 57° 0′ N. Gravity Correction, + ·030 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	Dep. of Wet. 9 p.m.	Vapour Tension. 9 a.m.	Vapour Tension. 9 p.m.	Per-centage. 9 a.m.	Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	9 p.m.	Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	28·68	28·71	43·2	39·5	33·3	49·2	5·7	3·0	·172	·185	61	77	W 0·5	NW 0·5	6	7	—	△ showers.
2	·73	·72	40·5	40·5	27·8	47·2	3·0	1·0	·193	·231	77	92	NW 0·5	SW 0·5	7	9	·020	Dull and cloudy.
3	·86	28·99	45·7	45·7	39·2	50·0	1·9	0·5	·265	·295	87	96	S 0·5	E 0·5	7	10	·060	Dull and cloudy.
4	28·94	29·09	55·5	52·2	43·8	62·2	4·0	1·5	·333	·350	75	90	SW 1	E 0·5	7	9	—	Dull day.
5	29·14	·17	52·5	48·5	44·2	60·2	2·8	1·7	·322	·299	81	88	SE 0·5	NE 0·5	9	8	—	Fine day.
6	·18	·15	49·5	51·5	39·9	66·0	2·0	3·2	·304	·300	87	79	NE 0·5	SW 0·5	4	7	—	Fine day.
7	·23	·31	47·7	43·5	39·2	52·3	6·9	2·0	·188	·240	57	84	SW 2	S 1	0	7	—	Fine day. ≡⁰ (mist) p.
8	·34	·33	52·7	46·7	40·2	59·0	6·9	2·9	·237	·253	60	81	SE 3	SE 0·5	2	0	—	Fine, clear, and dry.
9	·28	·29	56·8	48·5	32·4	63·7	6·3	5·8	·296	·216	65	63	SE 0·5	S 0·5	2	4	—	Fine and clear.
10	·20	29·17	57·8	50·7	31·3	62·2	8·6	3·2	·261	·291	55	79	S 0·5	SW 0·5	3	9	·020	Dull day. ● showers p. T 4p.
11	29·03	28·94	53·7	51·7	48·9	59·2	2·9	2·5	·334	·319	81	83	SW 1	SW 0·5	8	7	·010	Fine day.
12	28·80	·82	53·5	48·3	47·0	57·0	3·9	1·1	·307	·311	75	92	SW 2	NE 0·5	7	10	·210	Fine a. ● p.
13	·87	·83	48·7	55·5	45·5	62·8	2·2	4·2	·291	·328	85	74	SW 0·5	SW 1	8	3	—	Fine day.
14	·82	·84	57·7	52·7	44·4	68·2	8·2	3·2	·268	·315	56	79	W 1	NE 0·5	7	8	—	Fine day.
15	·86	·83	46·8	48·5	41·6	66·3	1·3	2·0	·289	·292	91	86	NE 0·5	E 0·5	10	7	—	≡⁰ (mist) 9a. Fine day.
16	·71	·59	50·7	51·3	40·8	63·4	3·9	3·0	·275	·303	75	80	S 0·5	S 0·5	7	3	—	Fine day.
17	·51	·44	51·3	46·3	43·8	56·5	3·0	1·8	·303	·272	80	88	S 0·5	S 0·5	4	5	—	Fine day.
18	·36	·33	45·7	48·7	42·8	56·8	1·0	1·0	·285	·319	94	93	NE 0·5	S 0·5	10	6	·150	● showers.
19	·35	·35	52·9	49·5	44·2	61·0	2·9	1·0	·323	·328	81	93	SW 1	E 1	7	3	·200	
20	·31	·39	50·3	52·7	43·4	55·2	2·3	3·9	·306	·298	84	75	E 0·5	S 0·5	10	5	—	Dull day.
21	·44	·56	52·7	45·7	45·4	58·2	4·0	1·2	·296	·280	74	92	SE 0·5	S 0·5	4	10	·150	Dull day. T
22	·61	·62	51·7	47·7	44·4	59·2	5·0	1·4	·264	·297	69	90	SW 0·5	S 0·5	5	5	·050	Fine day.
23	·44	·42	51·9	48·7	44·2	58·4	3·2	3·8	·306	·255	79	74	S 0·5	SW 0·5	10	8	·060	Fine day.
24	·45	·70	55·4	48·7	45·0	59·2	4·9	2·7	·311	·279	71	81	NW 0·5	SW 0·5	6	6	—	Fine day.
25	·64	·85	50·7	48·7	45·0	59·2	4·4	5·9	·264	·216	71	62	SW 0·5	SW 0·5	5	9	—	Fine day.
26	·92	28·95	49·5	49·7	45·4	58·2	3·8	3·8	·265	·267	74	74	W 0·5	NE 0·5	7	5	—	Fine day.
27	·94	29·00	54·7	54·3	46·0	60·8	5·2	1·8	·293	·371	69	83	N 2	N 0·5	5	4	—	Fine day.
28	·94	28·89	57·5	48·7	48·7	62·0	3·8	1·8	·364	·301	77	87	SW 0·5	NE 0·5	6	9	·080	Fine day.
29	·94	29·01	44·5	42·7	42·0	51·2	1·6	4·8	·257	·182	88	66	NE 0·5	NE 2	7	4	—	Fine day.
30	·93	28·88	43·3	43·7	35·2	51·8	5·6	4·2	·174	·200	61	71	E 0·5	NE 2	9	7	·060	Fine day.
31	28·83	28·82	46·3	47·8	30·4	53·2	0·8	2·1	·295	·281	95	85	NE 0·5	W 0·5	8	5	—	Fine day.
Mean	28·814	28·837	50·7	48·4	41·5	58·4	3·9	2·6	·279	·280	75·3	82·0	0·8	0·6	6·4	6·4	1·070	

Laudale.—May 1893.

Height above Mean Sea Level, 14 feet. Heights above Ground:—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 41′ W. Lat. 56° 41′ N. Gravity Correction, + ·031 in.

Day.	Bar. 9 a.m.	Bar. 9 p.m.	Air 9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet 9 a.m.	9 p.m.	Vap. Ten. 9 a.m.	9 p.m.	% 9 a.m.	% 9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	Cloud 9 p.m.	Rain	Remarks.
1	29·90	29·89	45·7	41·0	37·0	50·7	3·3	1·9	·235	·217	77	85	Calm 0	Calm 0	4	2	·020	✱² ●² (sleet) showers early a.
2	29·83	29·85	46·3	47·0	37·4	47·7	4·8	1·9	·213	·277	68	87	Calm 0	SSE 3	10	10	·060	Cloudy and cold a. ●⁰ p.
3	30·03	30·13	52·0	56·3	45·0	56·5	2·6	4·6	·320	·329	82	72	Calm 0	S 3	10	10	·020	≡⁰ mist) a.
4	·17	·20	58·5	57·0	47·2	61·6	5·1	5·6	·346	·313	70	67	S 2	S 2	8	8	—	Day very oppressive and warm. ∞
5	·24	·25	59·5	62·0	51·0	67·6	6·1	4·9	·335	·402	66	73	S 4	S 4	10	7	—	Oppressive and warm p. ∞
6	·28	·26	62·8	62·1	54·7	69·6	6·7	6·4	·366	·364	65	66	SE 5	S 2	6	7	—	Warm, with ⁄ ∞.
7	·33	·39	55·1	53·0	45·7	66·9	6·0	7·0	·281	·238	65	59	ESE 7	S 5	2	2	—	Bright and very warm. ⁄
8	·49	·47	54·1	54·3	45·7	64·6	8·0	4·2	·231	·310	55	74	E 3	Calm 0	0	2	—	⁄ a. Bright day.
9	·46	·43	60·8	49·8	46·2	68·7	7·4	2·0	·322	·307	61	87	SE 2	Calm 0	4	0	—	Very fine and warm. Much cirrus.
10	·40	·38	61·1	53·1	47·4	62·4	8·0	1·0	·312	·376	58	93	SE 2	Calm 0	10	10	·090	Dull from 8a. ≡⁰ (mist) p.
11	·25	·16	55·1	52·6	47·8	62·1	1·6	0·8	·388	·375	89	95	Calm 0	SW 2	10	10	·670	≡⁰ (mist) ●⁰.
12	·00	·01	53·0	50·1	49·1	62·4	1·2	0·1	·369	·360	92	99	W 3	Calm 0	10	10	·220	● most of day. ≡⁰ (mist) p.
13	·06	30·03	54·8	52·8	49·2	63·7	3·7	2·0	·330	·346	77	87	Calm 0	Calm 0	10	2	—	
14	30·05	29·99	54·8	52·3	46·9	62·6	2·7	1·6	·354	·349	83	89	Calm 0	Calm 0	3	2	—	Very fine day.
15	29·96	·92	59·1	57·6	47·5	67·9	4·7	3·2	·363	·382	72	80	E 2	S 2	10	10	—	Very fine and warm p.
16	·83	·73	56·1	53·1	50·9	58·5	4·0	1·0	·342	·376	75	93	S 2	Calm 0	10	10	·130	∞ a. ≡⁰ (mist) ●⁰ p.
17	·59	·47	57·5	53·8	49·5	59·7	2·1	3·5	·411	·320	86	77	E 3	SE 2	8	9	·260	Dull and threatening.
18	·46	·33	52·3	50·3	49·3	59·7	1·5	0·8	·352	·345	90	95	ESE 2	Calm 0	9	1	·350	● showers a. Fine p.
19	·45	·33	57·0	57·8	48·7	58·8	3·3	1·0	·369	·449	79	94	S 2	W 1	8	2	·110	≡⁰ (mist) a. ☈ 4.30p.—5.15p.
20	·41	·46	55·8	52·8	51·0	63·7	2·4	1·4	·378	·361	84	90	SSE 2	Calm 0	9	4	·030	●⁰ showers.
21	·52	·68	55·1	51·1	48·8	58·9	2·0	2·0	·377	·325	87	86	Calm 0	Calm 0	10	7	·300	
22	·77	·72	53·4	56·1	46·2	60·7	2·4	4·0	·342	·342	84	75	Calm 0	SE 4	10	10	·140	≡⁰ (mist) a. Dull day. ⁄ n.
23	·57	·56	59·0	50·8	48·0	59·2	2·7	2·3	·416	·314	84	85	W 3	W 2	8	9	·170	
24	·71	29·91	54·8	52·1	48·2	58·7	2·9	1·7	·350	·344	81	88	NNW 3	NW 3	10	10	·120	●⁰ showers.
25	29·94	30·08	53·8	52·1	49·0	56·9	3·8	2·7	·312	·319	75	81	N 5	NW 1	7	10	·030	Cloudy day. ⁄ till evening.
26	30·18	·20	51·8	52·1	49·0	55·9	1·5	2·0	·346	·337	89	86	NNW 2	NW 2	10	10	·010	≡⁰ (mist).
27	·25	·25	53·7	53·7	48·6	61·8	0·9	1·0	·387	·384	94	93	NW 1	NW 1	10	10	·010	Dull and warm. ≡⁰ (mist).
28	·18	·15	54·9	53·5	51·7	57·9	0·7	0·5	·410	·395	95	96	Calm 0	NW 1	10	10	·060	≡ (mist) all day.
29	·10	·16	54·7	50·7	45·5	60·0	2·7	4·8	·352	·257	82	69	ESE 2	NE 1	10	3	—	≡⁰ (mist) a. Fine and clear p.
30	·14	·11	50·7	50·2	40·4	57·1	5·1	4·3	·251	·261	68	72	NE 1	N 3	6	5	·010	⁄ p.
31	30·08	30·03	53·2	52·2	42·7	58·2	3·2	3·2	·320	·308	79	79	N 4	N 3	8	6	—	Fine day, with ⁄ till evening.
Mean	29·988	29·984	55·0	53·0	47·3	60·7	3·6	2·7	·338	·335	77·8	83·0	2·0	1·5	8·1	6·7	2·810	

DUNDEE.—MAY 1893.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 9 inches. Rain-gauge, 1 foot.
Long. 2° 56′ W. Lat. 56° 28′ N. Gravity Correction, + ·030 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·72	29·73	48·1	42·6	35·0	59·5	5·2	1·4	·221	·242	66	90	NW 2	SE 1	7	10	·040	
2	·74	29·74	45·6	42·5	37·0	48·7	1·8	0·1	·266	·271	87	99	SE 1	SE 2	10	10	·070	● n. and from 2p.
3	29·90	30·05	46·6	46·0	41·7	53·8	0·6	0·3	·303	·304	96	98	S 1	SE 1	10	10	·030	● from 6p.
4	30·06	·13	53·3	48·8	45·0	62·1	1·5	1·0	·365	·319	90	93	SW 2	E 2	5	10	—	Dull from 4p.
5	·21	·24	47·0	45·2	44·2	50·7	0·2	0·6	·318	·287	99	96	SE 4	SE 2	10	10	—	Dull, with ≋.
6	·23	·23	52·1	44·8	43·4	55·8	2·5	1·1	·324	·271	83	92	E 2	E 2	10	10	—	Dull, with ∞.
7	·33	·39	49·7	44·6	44·2	52·9	4·7	1·0	·248	·272	69	93	SE 6	SE 2	5	10	—	Dull from 5p.
8	·43	·39	51·6	45·6	43·3	60·1	2·9	0·9	·309	·286	80	94	SE 2	NE 1	10	0	—	Cloudy till 11a., then fine.
9	·36	·33	55·5	45·9	40·2	60·8	3·5	0·7	·344	·292	78	95	SE 1	E 1	0	7	—	Fine day.
10	·29	30·19	59·6	53·6	37·2	66·7	5·2	5·4	·358	·275	70	67	SW 1	SE 1	5	10	—	∞. Dull from 3p.
11	30·09	29·99	58·7	54·6	51·1	66·4	4·1	2·6	·374	·353	75	83	SW 2	W 2	5	10	·040	Dull day.
12	29·85	·85	53·4	49·6	49·5	63·6	1·4	0·6	·368	·340	90	96	W 6	SE 1	10	10	—	
13	·95	·88	60·0	51·1	47·4	66·9	3·3	0·7	·415	·357	80	95	SE 1	SE 1	5	7	—	Cloudy till noon, then fine.
14	·90	·88	59·8	52·0	47·3	71·1	3·7	3·3	·400	·303	78	78	SW 1	NE 2	10	10	—	Dull, with ∞.
15	·91	·87	52·7	46·9	44·0	58·6	3·1	1·1	·317	·295	80	93	SE 2	SE 1	10	10	·010	Cloudy till 2p. Dull day.
16	·78	·65	46·8	45·7	44·1	50·2	1·1	1·0	·294	·285	92	94	SE 2	SE 1	10	10	—	Dull day.
17	·56	·47	48·2	46·7	45·3	50·8	1·1	0·6	·310	·302	93	95	SE 2	SE 2	10	10	·170	Dull day.
18	·35	·34	48·6	50·1	46·0	56·1	0·0	0·5	·343	·349	100	96	E 1	NE 1	10	10	·180	● 7a.—1p. and 9p. T 5.30p.
19	·39	·35	54·2	49·6	47·7	62·9	1·3	0·2	·383	·351	91	99	E 1	E 2	10	10	·070	Dull day.
20	·33	·37	50·2	51·1	47·9	58·9	0·4	0·6	·354	·360	98	96	E 1	SE 1	10	10	·170	● showers n. and during day.
21	·43	·58	56·7	50·8	47·8	61·9	2·1	1·9	·398	·324	87	87	SE 1	SW 6	5	10	·090	Cloudy, with ● showers. T
22	·64	·63	56·6	51·7	43·0	62·9	2·8	0·5	·378	·371	82	96	SW 2	NE 1	5	5	·060	Cloudy day. ● at night.
23	·46	·46	56·0	52·2	50·3	63·6	1·1	2·4	·416	·328	92	84	SW 1	SW 2	10	10	—	Cloudy day.
24	·49	·74	59·8	56·0	50·0	66·8	6·7	4·4	·325	·331	64	73	W 4	W 1	7	10	·010	
25	29·69	29·88	58·6	54·9	50·9	65·1	7·0	5·1	·304	·299	62	69	NW 6	NW 4	5	10	—	
26	30·00	30·03	54·7	55·8	51·1	64·0	6·1	3·9	·275	·341	64	76	NW 1	E 1	10	10	—	Dull day.
27	30·04	30·06	58·8	53·1	49·3	70·0	3·7	1·5	·386	·362	78	89	NW 2	SE 1	5	10	—	Cloudy day.
28	29·98	29·92	62·7	55·6	49·9	70·7	1·3	0·1	·528	·440	93	100	W 1	SE 2	5	10	·430	Cloudy, with ● showers.
29	·99	30·01	48·9	46·0	46·0	56·7	2·4	2·3	·289	·259	84	84	E 4	E 1	10	10	—	Dull day. ● n. and till 8.30a.
30	·98	29·92	50·5	45·7	42·3	55·7	5·3	3·0	·244	·241	66	79	NE 2	NW 1	10	7	—	
31	29·89	29·84	51·2	48·7	43·9	57·6	3·3	1·7	·295	·301	78	88	NW 1	SW 1	5	10	·020	● showers 6a.—1p.
Mean	29·870	29·874	53·4	49·3	45·4	60·4	2·9	1·6	·337	·313	82·1	89·3	2·1	1·6	7·7	9·2	1·390	

GLASGOW.—MAY 1893.

Height above Mean Sea Level, 180 feet. Heights above Ground:—Bar., 4 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 4° 18′ W. Lat. 55° 53′ N. Gravity Correction, + ·029 in.

1	29·74	29·72	47·6	43·3	36·8	51·2	5·4	2·0	·213	·237	65	84	W 1	W 1	6	6	·030	● 0 shower a.
2	·69	29·70	43·6	45·0	42·0	45·2	2·0	0·8	·241	·280	85	94	E 1	E 1	10	10	·288	
3	29·90	30·02	48·2	53·8	44·6	58·0	0·8	2·4	·317	·348	95	84	E 1	SW 1	10	10	—	Overcast, with ● 2.
4	30·06	·08	52·3	54·0	45·9	61·2	1·9	1·8	·341	·366	87	87	NE 1	W 1	10	10	—	Dull and overcast.
5	·15	·16	53·9	51·8	46·9	63·3	3·0	2·3	·334	·326	80	85	E 1	NE 1	5	8	—	Overcast and cloudy.
6	·18	·14	50·6	52·9	45·0	63·1	2·1	2·8	·316	·326	86	82	E 1	E 2	5	10	—	Fine day.
7	·23	·30	51·7	46·8	43·3	59·3	5·2	3·0	·260	·252	68	80	NE 2	E 3	2	3	—	Fine day. Evening overcast.
8	·36	·32	52·3	48·8	44·4	59·4	5·3	3·7	·263	·259	67	75	E 2	E 2	2	1	—	Fine and clear. Squally afternoon.
9	·33	·28	49·7	51·5	44·1	64·5	2·6	5·0	·292	·261	83	69	NE 2	E 2	9	1	—	Fine and clear.
10	·26	·18	53·9	54·3	42·7	64·2	4·6	3·8	·296	·320	71	76	N 1	W 1	10	10	—	Fine and clear.
11	30·10	30·00	55·9	52·2	50·6	58·8	3·1	1·2	·362	·358	81	92	W 1	W 1	10	10	·053	Overcast.
12	29·88	29·85	51·0	52·0	50·7	53·9	0·7	1·1	·356	·358	95	92	W 2	SW 3	10	10	·015	Overcast all day.
13	·95	·88	55·8	56·0	50·1	66·3	4·5	3·7	·326	·348	73	77	SW 1	W 1	10	6	—	Dull and overcast, with ● 0 showers.
14	·86	·79	56·8	58·3	50·1	70·2	3·5	4·6	·362	·356	78	73	NW 1	E 2	10	7	—	Overcast a., fine p.
15	·84	·80	53·8	47·9	47·6	59·0	4·5	1·9	·297	·286	72	87	E 2	E 2	7	10	·210	Overcast a., fine p.
16	·69	·58	47·2	48·3	44·7	53·7	1·2	1·8	·295	·294	92	88	NE 1	E 1	10	10	—	
17	·45	·37	51·2	48·3	46·0	54·1	3·2	1·5	·297	·301	79	90	NE 3	E 3	7	10	·730	● 2 early a. Dull and overcast.
18	·30	·29	50·2	53·3	47·0	60·7	1·2	1·1	·332	·376	92	92	E 1	E 1	10	10	·155	Overcast, with squally ● 0.
19	·34	·27	56·6	53·0	51·1	61·1	3·4	1·0	·362	·374	78	93	S 1	E 1	9	9	·960	● 2 a. Overcast. ⚢ in evening
20	·25	·30	56·1	55·3	50·1	60·8	3·5	2·6	·380	·364	84	83	SE 1	SE 1	9	10	·236	⚢ ● 2 in afternoon.
21	·38	·52	54·3	50·1	49·9	57·1	5·2	2·5	·288	·299	69	83	SE 1	SE 1	10	7	·035	● 2 ⚢.
22	·64	·61	54·8	54·4	49·1	64·7	3·4	3·9	·337	·319	78	75	SW 1	S 1	9	10	·128	● 0 △ 0 showers.
23	·46	·47	57·6	50·3	50·1	60·4	4·0	1·9	·362	·316	77	87	SW 1	SW 2	5	10	·050	
24	·54	·78	55·9	51·9	49·9	61·1	3·4	3·2	·354	·306	79	79	W 2	W 3	8	10	·003	● 0 a.
25	29·75	29·94	55·6	51·2	51·0	59·4	6·1	3·1	·287	·299	65	80	W 3	W 1	8	10	—	Overcast evening.
26	30·02	30·04	53·5	51·2	47·9	58·1	4·6	3·5	·292	·290	71	77	W 1	W 2	10	1	—	Squally a.
27	·06	30·04	59·9	55·6	47·1	65·7	4·5	2·6	·381	·369	73	83	W 2	W 1	6	1	—	Overcast a. Fine and clear p.
28	30·00	29·94	56·4	56·3	53·1	65·1	2·8	2·3	·375	·387	83	85	W 2	W 1	10	10	·125	
29	29·94	·99	49·0	49·2	47·0	56·7	1·4	3·8	·312	·261	90	74	E 3	E 1	10	10	·055	Overcast, with ● 0.
30	·95	·91	49·7	47·3	45·1	61·1	4·8	3·4	·247	·248	69	76	NE 1	NE 1	10	4	—	
31	29·87	29·84	52·6	52·7	43·0	61·6	5·9	3·7	·355	·302	65	76	W 1	NE 1	9	10	—	
Mean	29·844	29·842	52·8	51·5	47·0	60·0	3·4	2·6	·314	·316	78·4	82·5	1·5	1·5	8·3	7·9	3·073	

WOLFELEE.—MAY 1893.

Height above Mean Sea Level, 587 feet. Heights above Ground:—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 6 inches.
Long. 2° 39′ W. Lat. 55° 23′ N. Gravity Correction, + ·025 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16					No observations during May.													
17																		
18																		
19																		
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21																		
22																		
23																		
24																		
25																		
26																		
27																		
28																		
29																		
30																		
31																		
Mean																		

SCARBOROUGH.—MAY 1893.

Height above Mean Sea Level, 159 feet. Heights above Ground:—Bar., 1 foot. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 23′ W. Lat. 54° 17′ N. Gravity Correction, + ·025 in.

1	29·79	29·79	48·5	47·5	38·5	52·6	5·1	1·5	·227	·292	66	89	W 3	SW 2	6	4	·010	Cloudy till 11a., then bright.
2	·75	29·75	49·8	49·5	41·5	53·8	1·6	0·0	·318	·355	88	100	SW 2	Calm 0	10	10	·710	⚢ ● 2
3	29·92	30·09	47·0	48·2	44·3	51·4	0·5	1·2	·311	·307	97	92	NE 2	SE 1	10	10	—	Dull all day.
4	30·10	·11	53·6	47·2	43·3	55·2	1·2	0·8	·377	·306	92	95	W 2	SE 1	0	0	—	Bright all day.
5	·26	·31	47·9	44·0	42·7	52·4	1·0	0·5	·308	·276	93	96	NE 2	SE 1	10	0	—	Cloudy till 10a. then brilliant.
6	·30	·27	50·8	45·2	41·3	56·2	1·9	2·6	·322	·243	86	81	E 2	SE 3	6	6	—	Dull and gusty a. and p.
7	·28	·28	49·0	46·4	41·5	49·5	3·8	1·2	·259	·287	74	91	SE 3	SE 2	2	1	—	
8	·51	·28	49·1	47·8	43·8	53·0	1·6	1·6	·308	·294	89	88	NE 2	SE 2	0	3	—	Brilliant a. Dull afternoon.
9	·26	·26	49·5	47·8	45·4	55·7	2·2	1·5	·298	·296	85	89	N 3	N 2	0	0	—	Brilliant.
10	·24	·20	50·2	46·5	44·5	56·4	1·6	2·3	·322	·263	89	83	NW 2	NW 1	0	0	—	Brilliant.
11	30·20	30·01	51·2	58·2	40·8	69·4	1·4	4·7	·339	·352	91	73	W 1	Calm 0	3	0	—	Brilliant.
12	29·92	29·88	60·8	54·3	51·3	62·6	5·8	2·1	·360	·362	68	85	NW 1	NE 2	8	2	—	Brilliant.
13	·99	·99	56·0	47·5	45·2	57·4	2·8	1·2	·369	·299	82	91	NW 1	NW 2	6	2	—	≋ 3p.—8p.
14	·93	·83	59·0	51·5	46·5	60·4	3·4	1·3	·397	·346	80	90	NW 1	NW 1	2	3	—	≋ a. Cloudy afternoon.
15	·83	·84	52·2	47·8	45·6	52·4	0·4	0·6	·379	·318	98	95	NE 1	NE 2	4	4	—	≋ most of day.
16	·75	·62	47·8	46·6	44·5	50·2	1·3	0·8	·301	·299	91	95	E 2	Calm 0	10	10	·050	Dull day. ● at night.
17	·51	·39	47·5	48·8	45·6	48·8	0·0	0·0	·329	·345	100	100	W 1	Calm 0	10	10	·250	● showers.
18	·34	·37	58·0	55·2	47·5	68·6	1·5	1·4	·436	·394	90	91	SE 2	SW 2	3	2	·060	Much warmer. T
19	·44	·41	57·5	56·6	49·3	62·7	2·3	2·4	·406	·388	85	84	SE 2	SE 2	6	8	·040	
20	·39	·42	59·4	52·5	50·5	65·6	3·4	0·7	·403	·375	80	95	SW 2	SW 2	6	8	·060	⚢ ●
21	·50	·61	56·2	52·0	48·5	62·6	3·7	1·8	·349	·340	77	87	S 1	SW 2	6	4	—	⚢
22	·68	·71	55·5	55·2	46·5	64·0	3·1	2·7	·353	·360	80	83	SE 1	SE 2	4	3	—	Bright during day. ⚢
23	·62	·58	60·0	58·6	51·3	65·4	3·5	4·4	·410	·305	79	74	SW 4	SSW 1	6	3	—	Bright during day.
24	·59	·77	57·1	55·8	49·3	64·0	2·1	3·0	·404	·361	86	81	W 2	SSW 2	6	0	·020	● showers, then bright.
25	·82	29·89	58·8	55·8	47·5	63·3	3·9	4·6	·378	·321	77	72	W 2	SE 2	6	3	—	
26	29·99	30·01	54·8	53·6	47·5	56·6	4·6	1·5	·308	·369	72	90	SW 2	W 2	8	6	—	Dull all day.
27	30·05	30·03	56·4	53·7	50·4	60·5	2·8	3·5	·374	·319	83	77	NW 4	S 1	8	5	—	Bright.
28	29·89	29·92	63·6	58·6	52·5	64·2	4·1	3·6	·449	·385	77	78	W 1	Calm 0	6	4	·020	T
29	·90	·96	54·6	47·3	46·6	59·4	1·2	0·5	·391	·315	92	97	Calm 0	NW 1	10	8	·180	● 0 most of day.
30	·92	·89	49·2	45·4	44·6	52·0	4·7	2·9	·242	·239	69	80	NW 1	NE 4	3	6	·030	● 0 showers.
31	29·85	29·83	48·3	46·3	41·8	54·5	3·7	2·5	·253	·257	75	83	NE 2	NW 3	5	8	·010	● 0 showers.
Mean	29·880	29·879	53·5	50·7	45·8	58·1	2·6	1·9	·345	·323	83·6	87·3	1·8	1·5	5·5	4·3	1·440	

CRONKBOURNE (DOUGLAS), ISLE OF MAN.—MAY 1893.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29′ W. Lat. 54° 10′ N. Gravity Correction, + ·024 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·84	29·78	47·0	46·2	42·3	49·4	2·8	0·4	·257	·304	80	98	W 2	S 1	10	10	·019	Dull, with ● 0 showers.
2	·74	29·72	49·2	48·0	46·2	53·3	1·2	0·1	·319	·332	92	99	SSW 4	ESE 2	10	10	·057	Dull, with ● 0 showers. ≋8 (mist) p.
3	29·07	30·10	57·7	51·0	47·0	60·4	2·4	1·6	·406	·333	85	89	WNW 3	Calm 0	6	10	·004	Fine day.
4	30·15	·13	49·0	49·6	45·8	57·5	0·3	0·9	·340	·332	98	94	SW 1	NE 1	10	10	—	Dull, with ● 0 (mist). ⊼ p.
5	·17	·18	60·4	53·2	43·8	65·3	5·4	2·2	·365	·344	69	85	ESE 1	E 3-4	6	2	—	≋0 (mist) a. Fine day. T0.
6	·22	·16	53·1	53·0	47·2	58·7	4·3	3·8	·294	·304	72	75	ESE 3-4	ESE 2	4	1	—	T0 ≋0 (mist) a. Fine day.
7	·26	·27	51·8	49·6	46·3	55·2	5·5	2·2	·254	·301	67	85	ESE 5	ESE 5-6	2	3	—	Fine day. ⁄ a. and p.
8	·32	·30	53·2	54·3	44·9	60·5	6·4	4·4	·251	·305	62	73	ENE 5	ENE 4	2	1	—	Squally ⁄. Very fine.
9	·30	·28	62·7	54·0	48·3	65·4	8·4	3·8	·324	·315	57	75	E 2	NE 2	0	1	—	Very fine. ⊼ p.
10	·30	·23	60·2	54·6	40·0	63·4	10·8	6·6	·246	·263	48	62	SE 2	NNW 2	3	2	—	Very fine.
11	30·20	30·08	57·8	56·6	48·8	65·7	4·1	0·6	·362	·440	76	96	SE 2	NW 2	8	6	—	Fine day.
12	29·99	29·98	54·3	50·0	46·8	62·0	1·5	1·1	·379	·332	90	92	WNW 3	W 2	8	1	—	Fine day. ⊼ p.
13	30·02	·96	57·0	46·2	45·2	65·3	1·2	0·3	·428	·307	92	98	S 2	NNW 2	8	1	—	Very fine. ⊼ 2 p.
14	29·90	·78	58·0	61·8	42·4	65·3	3·2	7·0	·388	·344	80	63	ESE 2	E 2-3	3	10	—	Fine day.
15	·81	·78	57·8	52·0	52·0	62·0	3·6	0·8	·375	·364	78	94	ESE 3	ESE 4	10	10	·188	Dull, with ● showers.
16	·69	·60	52·7	53·0	48·2	53·2	1·7	2·0	·351	·347	88	86	ESE 3	E 3	10	10	·098	● a. Overcast, with ≋0 (mist).
17	·44	·37	50·0	53·0	49·0	55·1	0·7	0·9	·342	·377	95	94	ENE 3	E 3-4	10	10	·192	● a. and p. Overcast, with ≋0 (mist).
18	·36	·36	59·0	52·8	51·0	60·3	2·0	0·9	·436	·374	88	93	SE 2	S 3	4	10	·080	Cloudy day. T ● 2 sp.
19	·37	·31	54·0	52·0	50·2	58·5	1·8	1·0	·366	·361	87	93	ESE 2	E 2	8	7	·020	Cloudy day. ● showers in afternoon.
20	·34	·35	56·0	51·0	50·0	59·3	1·3	2·8	·411	·304	91	81	SW 3	ESE 3	9	7	·318	Cloudy day.
21	·41	·58	48·2	52·2	47·3	51·4	0·2	1·4	·332	·341	99	91	SSE 3	SW 2	10	10	·100	● 2 a. Overcast day.
22	·71	·69	59·6	51·1	47·0	61·3	5·1	1·1	·361	·347	71	92	WNW 2	SSW 3	3	8	·272	Fine day.
23	·61	·61	57·8	53·4	49·4	60·0	3·2	2·6	·386	·337	81	83	WSW 4-5	WSW 5	7	7	·023	● a. ⁄ ● p.
24	·68	29·91	54·2	52·0	49·4	59·8	2·2	1·2	·358	·356	85	92	W 4-5	WNW 2	10	10	—	Dull, with ⁄ a. Fine afternoon.
25	29·92	30·04	55·3	50·2	49·0	58·3	3·5	2·2	·342	·307	78	85	W 5-6	NNW 3	9	7	—	⁄ a. Dull day.
26	30·11	·13	55·3	52·0	48·8	59·5	2·6	1·0	·364	·361	83	93	NW 3-4	NNW 4	9	7	·011	Dull day. ● shower a.
27	·14	·11	59·0	53·0	48·8	63·4	3·2	1·2	·402	·369	81	92	NW 4	NW 4	7	8	·050	● showers a. Fine day.
28	30·08	·01	61·8	52·4	51·7	65·8	3·8	1·1	·429	·363	78	92	NW 3-4	NNW 5	4	5	—	Fine day. ⁄ p.
29	29·97	30·00	55·4	49·9	48·2	63·3	1·3	1·9	·401	·310	92	87	NNW 3-4	NNE 3	9	7	—	Dull day.
30	30·00	29·93	52·8	47·2	44·6	55·5	6·3	1·4	·250	·291	63	91	E 3	NW 3	6	2	—	Fine day. ⊼ p.
31	29·94	29·91	53·5	50·2	45·2	60·0	5·5	2·9	·272	·291	66	81	E 3	NW 3-4	3	4	—	Fine day. ⊼ p.
Mean	29·902	29·891	55·3	51·8	47·3	59·8	3·4	2·0	·348	·334	79·7	87·2	3·0	2·8	6·7	6·4	1·432	

STONYHURST.—MAY 1893.

Height above Mean Sea Level, 375 feet. Heights above Ground:—Bar., —12 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 2° 28′ W. Lat. 53° 51′ N. Gravity Correction, + ·023 in.

1	29·61	29·57	45·0	46·6	40·4	50·5	3·0	1·2	·233	·290	78	92	W 2	SWb.W 1	10	10	·040	● showers a. Overcast.
2	·53	·52	52·6	48·3	45·4	54·3	2·6	1·0	·327	·314	82	93	SWbyS 2	SbyW 1	10	10	·184	● showers.
3	·72	·87	54·0	52·0	46·9	59·0	2·4	3·4	·350	·301	84	78	Calm 0	Calm 0	10	9	—	Overcast, then fine.
4	·89	·90	60·0	58·2	42·7	68·2	6·3	5·5	·337	·333	65	69	Calm 0	NbyW 1	7	9	—	∞ a. Fine day.
5	29·96	·99	56·0	51·4	51·1	67·0	2·3	3·1	·383	·302	85	80	NEb.N 1	NNE 1	9	0	—	≋0 (mist) a. and p. Fine day.
6	30·03	29·97	55·3	53·0	40·6	64·1	6·4	7·2	·276	·234	64	58	EbyN 1	NE 1	1	2	—	≋0 (mist) 9a. Fine day.
7	·04	30·06	50·0	46·7	40·7	56·1	6·5	2·7	·217	·257	61	81	E 3	NEbyE 1	3	10	—	Fine day.
8	·07	·06	51·5	50·0	40·2	62·5	4·5	3·0	·271	·286	71	80	ENE 3	NE 1	8	0	—	Fine day.
9	·02	·03	56·4	49·8	43·9	63·0	5·7	4·1	·305	·262	67	73	NEbyN 1	NEb.N 1	0	0	—	Fine day.
10	30·03	30·00	59·7	54·5	43·4	67·5	8·6	7·8	·283	·239	55	56	NEbyN 2	Calm 0	0	1	—	≋0 (mist) a. Fine day. ⊕
11	29·98	29·88	60·0	57·0	40·4	67·0	10·0	5·9	·259	·306	50	66	SW 1	Calm 0	4	9	—	Fine day.
12	·77	·73	57·0	51·5	46·6	59·0	3·9	1·7	·354	·336	76	89	WSW 2	WSW 1	10	7	—	Overcast.
13	·79	·73	57·4	58·6	47·4	68·0	3·3	4·3	·376	·367	80	75	SSE 1	N 1	7	8	—	Overcast, then fine.
14	·70	·58	55·7	59·3	46·9	68·3	3·4	5·7	·351	·341	79	68	NbyE 1	E 1	8	7	—	∞0 a.
15	·57	·58	61·7	52·3	51·7	63·0	6·1	3·7	·365	·298	66	76	EbyN 2	NEb.N 1	9	10	—	Fine, then overcast.
16	·49	·40	50·7	49·2	45·9	54·2	3·3	2·1	·288	·298	78	86	NEb.N 1	NEb.N 1	10	10	·120	● 0 a. Overcast.
17	·25	·15	47·3	51·6	44·0	54·0	1·9	1·6	·280	·341	87	89	NNE 1	NNE 1	10	10	·801	Overcast, with ●.
18	·13	·15	59·7	53·0	50·4	64·0	3·7	3·0	·399	·322	78	80	SSW 1	SSE 1	7	7	·170	Fine, then ● 0. ⊼
19	·15	·12	55·4	52·4	49·7	61·7	3·0	2·0	·355	·340	81	87	ESE 1	SEbyE 1	10	10	130	● showers. T
20	·14	·15	57·2	53·0	52·0	62·0	3·5	3·0	·367	·322	78	80	SbyW 4	SSE 2	9	10	·057	Overcast a. ● showers p. T
21	·24	·42	52·0	48·0	45·0	57·2	4·0	2·0	·287	·285	74	86	SSE 3	Calm 0	10	4	·085	Overcast. ● showers p.
22	·50	·52	53·0	52·8	44·4	63·2	3·1	2·8	·320	·325	79	81	Calm 0	Calm 0	10	6	·070	T before 9a. Overcast.
23	·41	·42	55·2	52·0	48·7	60·3	2·2	3·0	·373	·310	86	80	S 2	WSW 1	10	9	·035	Overcast, then fine.
24	·44	·64	53·0	52·4	50·4	59·0	1·3	2·5	·366	·329	91	83	WSW 3	SW 1	10	8	--	Squally a. Overcast.
25	·67	·75	54·5	49·8	49·6	56·3	3·5	2·3	·329	·300	77	85	WbyN 4	WbyS 1	10	3	—	Squally a. Overcast.
26	·83	·86	52·5	52·0	46·0	54·0	4·0	2·0	·294	·335	74	86	WNW 1	WNW 2	10	10	—	Overcast.
27	·87	·87	58·4	54·5	46·7	63·1	4·9	1·5	·350	·381	72	90	SSE 1	SW 1	8	0	·005	Overcast, then fine.
28	·83	·76	56·6	53·5	47·9	64·3	1·6	1·5	·421	·367	89	89	swb.w 1	SbyW 1	10	3	—	≋0 a. Fine p.
29	·71	·75	56·8	47·4	47·1	60·8	1·9	2·4	·405	·370	87	83	swbys 1	NE 1	10	10	·750	≋0 (mist) ● showers. T ● 2 noon.
30	·74	·70	51·7	48·5	43·2	54·3	6·4	4·3	·236	·241	62	71	ENE 1	Calm 0	8	10	—	Fine a. Cloudy p.
31	29·67	29·65	50·4	51·0	43·4	58·7	7·6	4·8	·203	·259	59	69	NNE 2	WNW 2	5	10	—	Fine a. Cloudy p.
Mean	29·670	29·669	54·7	51·9	45·9	60·8	4·2	3·3	·321	·306	74·6	79·3	1·6	0·9	7·8	6·8	2·447	

HILLINGTON.—MAY 1893.

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

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·93	29·84	52·9	49·0	40·0	54·8	6·2	0·3	·252	·340	63	98	NW 3	SW 0·5	6	10	·137	● at night.
2	29·89	29·86	56·1	51·5	42·0	62·0	3·2	1·2	·360	·349	79	91	S 1	S 1	6	10	·078	Fine and sunny. ● 2 at night.
3	30·03	30·18	56·2	48·0	45·8	62·9	3·4	0·8	·356	·316	79	94	NW 2	E 1	5	0	—	
4	·24	·28	54·2	55·5	41·0	73·6	3·5	1·7	·327	·391	77	89	SE 1	SE 1	0	0	—	Very fine and sunny. ⊼ Much cir.
5	·29	·34	55·1	43·0	43·0	60·9	3·4	0·8	·340	·259	78	94	SE 3	E 2	2	0	—	⊼ a. and p. Very fine and sunny.
6	·36	·33	57·2	44·1	39·1	63·2	6·5	2·3	·296	·238	63	83	SE 2	SE 2	1	3	—	Very fine and sunny. Much cir. 4p.
7	·32	·29	49·2	45·0	37·0	51·3	5·5	1·4	·227	·266	65	89	NE 4	NE 3	3	1	—	Fine and sunny a. Overcast from 1p.
8	·29	·24	54·7	48·2	39·2	58·4	5·0	0·7	·298	·319	70	96	NE 3	NE 3	1	0	—	Very fine and sunny.
9	·25	·27	54·4	48·1	46·0	60·5	4·2	1·4	·312	·302	73	90	NE 3	NE 4	0	0	—	Very fine and sunny.
10	·23	·20	58·2	45·2	45·2	61·4	6·7	0·5	·305	·289	63	97	NE 4	E 1	0	2	—	Very fine and sunny.
11	·27	30·15	60·1	52·5	39·0	67·9	7·4	4·9	·312	·274	61	69	N 1	W 1	0	4	—	Very fine and sunny.
12	·04	29·97	64·5	55·4	47·2	73·0	7·9	1·5	·362	·394	59	90	SW 1	NW 1	5	2	—	Very fine and sunny. Cloudy from 5p.
13	·07	30·07	59·6	49·0	44·5	67·2	4·5	0·8	·377	·327	74	94	NE 2	SE 3	8	10	—	Very fine and sunny.
14	30·02	29·87	56·1	55·1	45·0	72·7	2·4	0·8	·379	·410	84	94	SE 2	SE 3	6	4	—	Very fine and sunny. Cloudy from 6p.
15	29·83	·83	63·0	50·0	49·1	66·4	5·3	2·1	·404	·307	71	85	E 5	E 3	6	3	—	
16	·78	·68	51·5	48·2	47·5	62·4	0·8	0·5	·360	·324	94	97	NE 1	E 1	10	10	—	Overcast a. Fine p.
17	·53	·41	52·5	56·9	45·2	67·6	0·8	0·2	·373	·457	94	99	E 2	SE 3	10	10	·158	● 0 shower a. ● 6p.—midt.
18	·50	·53	64·6	56·7	50·9	70·0	4·9	2·5	·444	·386	74	84	SW 3	SW 2	3	0	—	Very fine and sunny. ⌒ 7p.
19	·54	·55	58·8	57·2	49·0	68·3	3·3	2·6	·396	·391	80	84	SW 5	SW 1	10	3	—	Much cir. p.
20	·56	·52	59·9	56·0	51·1	67·5	3·1	3·3	·419	·356	82	79	SW 4	SW 2	10	9	·083	T ● 2 2p.
21	·62	·70	57·7	55·1	48·8	66·5	4·2	1·3	·357	·396	75	91	SSW 3	SSW 1	7	10	·080	Cloudy a. and p. ∞
22	·76	·83	55·0	53·9	50·8	69·7	0·4	3·0	·421	·335	97	89	NE 1	NW 0·5	10	1	—	Cloudless afternoon. Distant T 11p.
23	·79	·71	63·8	59·7	44·5	68·0	5·1	2·8	·424	·424	72	83	WSW 4	SW 1	6	10	—	
24	·75	29·90	60·0	53·0	46·3	65·5	4·3	2·5	·386	·335	75	83	WSW 5	NW 1	7	0	—	⊼ p.
25	29·98	30·02	60·2	55·8	39·5	69·5	3·6	4·1	·410	·333	79	75	NW 3	NW 2	3	3	—	Very fine and sunny.
26	30·08	·11	56·1	50·9	47·1	61·4	4·9	2·4	·317	·311	70	85	NW 2	NW 0·5	10	10	—	Bright early a., then cloudy.
27	·12	·14	58·5	47·0	45·9	62·7	6·7	2·1	·309	·273	63	85	N 5	NE 0·5	6	0	—	Fine and sunny.
28	30·10	·00	62·5	55·2	37·6	70·7	7·8	0·5	·335	·421	59	97	NE 1	NE 0·5	7	10	·028	● 5p.—7p. Distant T 5p.
29	29·96	30·03	58·9	48·2	48·0	62·5	2·2	1·0	·428	·312	86	93	WSW 0·5	NE 1	10	10	·070	● 0 a. and p. Overcast.
30	·99	29·93	49·5	44·0	44·0	55·8	4·4	1·8	·252	·248	71	86	NE 1	NE 1	10	5	—	
31	29·90	29·93	49·0	41·8	41·0	58·4	4·7	1·2	·239	·238	69	91	N 2	S 0·5	6	1	—	Very fine and sunny.
Mean	29·968	29·958	57·1	50·9	44·5	64·6	4·4	1·7	·348	·333	74·2	88·5	2·6	1·5	5·6	4·5	0·634	

CHURCHSTOKE.—MAY 1893.

Height above Mean Sea Level, 538 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5′ W. Lat. 52° 31′ N. Gravity Correction, + ·018 in.

1	29·44	29·41	48·8	49·9	42·0	55·0	2·9	1·9	·274	·309	80	87	WSW 2	WSW 1	9	10	·010	● showers.
2	·37	·32	52·9	50·1	46·9	54·3	2·4	0·9	·336	·339	85	93	SW 3	SW 2	10	10	·090	Cloudy, with ● showers.
3	·57	·69	55·9	46·8	46·2	64·9	3·9	0·4	·339	·309	76	97	WSW 2	Calm 0	8	0	—	Clear and cool.
4	·72	·71	60·9	56·1	38·8	74·9	5·9	4·1	·358	·336	67	74	W 1	SSW 1	5	1	—	∞
5	·74	·76	63·5	58·2	43·7	75·1	7·8	5·2	·349	·339	60	70	SSE 3	SSE 1	3	0	—	Warm, with ∞.
6	·79	·73	55·5	53·9	42·6	66·7	6·5	7·6	·275	·236	62	57	S 3	SE 1	0	0	—	Breezy.
7	·79	·78	51·9	46·0	39·6	57·0	7·0	3·1	·227	·241	59	78	SE 2	ESE 4	2	10	—	Bright, with cool wind.
8	·84	·78	47·3	50·9	39·1	62·4	3·2	4·0	·252	·274	78	74	ENE 2	E 2	10	0	—	Dull, with cold wind. Bright p.
9	·77	·77	56·9	49·9	39·1	64·7	4·9	2·5	·329	·297	70	84	NE 2	Calm 0	4	0	—	Bright, clear, and cold.
10	·80	·79	58·0	50·9	35·5	66·9	7·0	4·0	·296	·274	61	74	E 2	E 1	1	0	—	Bright, clear, and cold.
11	·78	·69	59·0	52·9	34·0	71·5	7·6	3·9	·296	·301	59	75	SE 1	NW 2	1	4	—	Cloudy, hot, and breezy.
12	·58	·56	63·0	46·6	42·5	68·7	6·8	1·7	·366	·277	64	88	W 1	W 1	8	0	—	Cloudy and breezy.
13	·60	·58	61·5	59·0	39·0	73·9	6·0	5·0	·365	·355	67	71	E 2	SE 2	8	1	—	
14	·44	·34	63·0	58·2	52·0	70·3	9·0	4·2	·315	·364	55	75	SE 2	SE 1	9	10	·044	Cloudy and close.
15	·34	·31	55·9	54·3	53·0	70·5	1·9	0·9	·391	·396	88	94	SSE 1	SSE 1	10	10	·400	● showers early a. ⌊ ● 2.
16	29·26	29·15	50·9	54·6	46·5	57·8	1·7	1·1	·329	·394	88	93	SE 1	SE 3	10	10	·282	Dull and cool, with ≋0 (mist).
17	28·98	28·95	51·2	53·9	50·1	59·5	0·4	0·6	·366	·399	98	96	SE 3	SE 1	10	10	·214	● 2 early a. Overcast. ● 2p.-7p.
18	·05	·99	55·4	50·9	44·8	61·1	1·9	2·4	·384	·311	88	85	SE 3	S 2	10	7	·270	● 2 showers p.
19	·95	·91	57·2	51·9	49·7	61·7	4·2	1·1	·349	·357	74	93	S 2	S 3	4	8	·650	Frequent ● 2 showers.
20	28·98	28·97	57·7	44·4	44·0	60·3	4·3	0·9	·355	·271	74	93	S 3	SSE 1	9	8	·230	● showers.
21	29·07	29·23	51·4	44·8	41·0	61·0	4·6	1·9	·267	·254	71	86	SW 2	SW 1	10	1	·010	● showers.
22	·30	·36	58·0	56·9	37·0	66·7	5·2	3·9	·336	·352	70	76	WSW 1	WSW 1	10	8	—	Bright and fresh.
23	·27	·29	62·5	50·1	49·5	64·1	4·1	2·1	·431	·308	76	85	SW 2	W 2	8	9	·130	
24	·34	·50	54·4	51·9	50·1	59·6	2·4	1·9	·356	·336	84	87	WSW 2	W 1	10	2	—	
25	·54	·61	60·0	51·1	46·0	63·1	6·0	2·1	·344	·321	66	85	W 3	W 1	6	8	—	Bright and fresh.
26	·67	·69	58·0	51·9	50·0	60·1	6·0	4·4	·318	·277	66	72	NW 2	NW 2	8	10	—	Warm and breezy.
27	·67	·68	56·9	48·9	48·2	65·1	4·9	3·0	·329	·274	70	80	NNW 1	NW 1	9	0	—	Breezy.
28	·64	·57	62·4	55·9	42·2	66·9	5·4	3·9	·394	·339	70	76	NW 1	NW 1	9	8	—	Breezy.
29	·52	·53	60·0	51·3	47·0	67·3	5·1	0·1	·366	·375	71	99	NW 2	E 2	6	10	·005	Close and threatening.
30	·52	·50	47·9	47·9	46·6	55·1	3·0	3·0	·263	·263	80	80	E 2	E 2	10	10	—	Cold and gloomy.
31	29·46	29·48	49·5	40·0	36·0	59·1	4·0	1·1	·259	·225	73	91	SSE 1	SE 1	10	0	—	Cloudy, with cold wind.
Mean	29·474	29·472	56·4	51·3	44·0	64·0	4·7	2·7	·329	·313	72·6	82·8	1·9	1·5	7·3	5·3	2·335	

CARMARTHEN.—MAY 1893.

Height above Mean Sea Level, 188 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 4° 18′ W. Lat. 51° 52′ N. Gravity Correction, + ·018 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·88	29·81	53·2	51·4	45·0	57·1	3·8	1·3	·306	·345	75	91	SW 3	SW 2	10	9	·160	● 9.30a.–1p. ● showers p.
2	·76	29·70	52·1	51·7	49·0	54·6	3·9	0·3	·290	·375	74	98	SW 3	SW 1	10	10	·180	Frequent ● showers.
3	29·97	30·07	60·6	48·6	43·8	65·8	6·2	0·5	·348	·330	66	97	NW 1	Calm 0	4	0	—	Very fine.
4	30·10	·07	58·3	56·5	46·2	70·4	4·4	4·1	·360	·342	74	74	Calm 0	Calm 0	4	6	—	≋ n. ∞² all day.
5	·10	·06	70·1	61·8	46·9	76·0	9·5	8·4	·407	·313	55	57	Calm 0	SE 1	3	0	—	Fine day, with ∞².
6	·11	·07	61·8	54·7	51·2	70·4	11·2	9·2	·256	·218	47	51	SE 4	SE 1	2	0	—	∞. Fine day.
7	·12	·08	60·8	51·2	43·1	65·9	10·4	5·5	·260	·246	50	66	E 1	E 4	0	0	—	Very fine.
8	·17	·10	53·9	57·6	42·2	65·6	8·2	6·4	·226	·304	54	64	E 3	E 4	0	0	—	Very fine.
9	·11	·10	62·8	56·7	48·1	70·3	11·6	7·3	·260	·274	46	60	E 3	N 1	0	0	—	Very fine.
10	·15	·12	63·8	55·5	46·9	72·6	12·1	5·6	·263	·294	44	67	E 1	N 1	0	4	—	Very fine.
11	30·16	30·08	67·1	52·7	48·2	73·4	12·9	7·2	·287	·231	44	59	Calm 0	Calm 0	0	0	—	Very fine.
12	29·99	29·96	64·6	52·7	44·5	71·0	8·2	2·0	·357	·344	59	87	Calm 0	NE 1	6	4	—	Fine day.
13	·97	·85	68·4	59·8	42·4	75·0	9·4	5·2	·382	·361	55	70	SE 1	Calm 0	0	0	—	≋ n. Very fine.
14	·78	·68	68·3	62·0	54·6	74·4	12·2	5·6	·316	·382	45	69	E 1	Calm 0	6	10	—	Fair and warm.
15	·67	·65	66·8	59·8	56·3	75·6	6·1	3·1	·446	·418	69	81	Calm 0	SE 2	6	10	·090	♈ 1p. △ 1.30p.
16	·59	·46	58·1	59·5	53·0	69·5	2·7	3·4	·403	·403	82	80	E 1	E 2	10	10	·370	Overcast and threatening.
17	·30	·30	62·0	53·9	53·7	64·3	3·9	0·5	·428	·401	78	97	SE 2	Calm 0	7	0	·200	● p.
18	·27	·32	56·3	54·4	51·0	61·3	1·7	1·5	·403	·379	89	90	SE 2	S 1	10	10	·050	Frequent ● showers.
19	·30	·22	56·5	54·5	51·5	63·2	1·3	0·9	·418	·399	91	94	S 2	SW 2	6	9	·150	Frequent ● showers.
20	·33	·32	55·4	49·1	49·1	59·3	3·0	1·7	·355	·305	81	88	S 4	S 1	10	8	·370	Frequent ● showers.
21	·46	·60	58·6	50·7	46·6	60·5	6·3	2·3	·319	·311	65	85	S 1	SW 2	4	9	—	Fine day.
22	·68	·74	65·0	52·7	45·4	65·6	9·8	2·0	·323	·344	52	87	S 1	SW 2	8	6	·220	Fine day.
23	·68	·70	57·5	53·0	52·0	62·8	0·6	1·6	·456	·358	96	89	SW 2	W 4	10	6	—	
24	·75	29·89	57·3	53·7	51·8	62·7	4·1	2·1	·353	·355	75	86	W 1	Calm 0	10	1	—	Fine day.
25	29·96	30·00	63·8	57·8	48·1	65·0	7·8	2·2	·355	·412	60	86	W 1	SW 1	4	10	—	Fine day.
26	30·07	·07	61·6	51·7	51·4	63·6	6·4	1·7	·357	·339	65	88	NW 1	N 1	8	7	—	
27	·07	30·03	56·1	53·5	51·0	67·6	3·7	1·9	·346	·357	76	87	N 1	Calm 0	10	2	—	Fine day.
28	30·03	29·96	66·8	54·7	52·4	69·8	7·5	2·3	·407	·364	62	85	S 1	Calm 0	1	0	—	Overcast and threatening 10a.–1p.
29	29·92	·86	60·4	56·0	51·0	68·8	4·3	1·8	·393	·397	75	88	NW 1	N 1	10	1	—	Fine day.
30	·87	·82	60·6	55·7	52·4	64·0	4·6	3·5	·388	·346	74	78	N 1	E 1	7	10	—	Threatening, with ∞ all day.
31	29·84	29·82	59·8	51·2	45·3	64·5	7·4	4·3	·308	·271	61	72	N 1	N 1	5	1	—	Fine day. ∞
Mean	29·842	29·821	60·9	54·7	48·8	66·8	6·6	3·4	·348	·339	65·8	79·7	1·4	1·2	5·5	4·6	1·790	

MARGATE.—MAY 1893.

Height above Mean Sea Level, 83 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 24′ E. Lat. 51° 24′ N. Gravity Correction, + ·017 in.

1	30·00	29·96	53·3	51·1	41·4	58·4	5·2	3·0	·276	·298	68	80	W 4	W 3	10	10	—	Dull day.
2	29·96	29·89	56·1	53·1	45·4	61·8	5·9	4·9	·296	·280	66	69	W 2	W 2	10	10	—	Fine day.
3	30·01	30·17	55·9	53·0	48·8	62·9	2·7	2·2	·369	·343	83	85	W 1	SE 1	9	0	—	Fine day.
4	·29	·26	49·5	51·3	44·4	66·0	1·7	2·7	·311	·308	89	82	S 1	SE 1	10	0	—	Very fine.
5	·28	·32	54·8	48·5	44·0	60·0	2·7	1·7	·353	·299	83	88	E 2	E 2	0	0	—	Very fine.
6	·34	·30	56·0	48·1	46·5	57·0	6·0	2·9	·293	·267	65	79	E 1	E 3	0	0	—	Very fine.
7	·28	·20	47·1	47·0	44·9	56·8	6·1	2·0	·197	·275	61	86	NE 2	NE 4	7	1	—	Dull, with ⁄.
8	·23	·16	52·1	50·5	46·4	53·4	4·1	1·4	·286	·330	73	90	NE 3	NE 3	4	0	—	Fine day.
9	·12	·10	54·2	51·7	49·5	55·6	3·2	2·0	·334	·331	79	87	NE 3	NE 3	0	0	—	Fine day.
10	·14	·12	54·1	49·0	48·4	55·7	3·3	3·1	·330	·273	79	78	NE 3	NE 4	0	0	—	Very fine.
11	·20	30·18	54·1	49·5	48·4	56·1	4·0	2·8	·313	·284	75	81	NE 3	NE 1	0	6	—	Very fine.
12	·09	29·99	63·0	60·0	42·3	72·6	11·0	7·1	·273	·318	47	62	NE 2	S 1	9	10	—	
13	30·08	30·09	58·0	47·1	46·4	61·0	4·1	0·1	·364	·322	76	99	NW 2	NE 1	3	10	—	Very fine. ≋ p.
14	29·98	29·84	55·8	60·0	45·6	64·4	2·1	6·0	·384	·344	86	66	NE 1	E 2	4	4	—	Very fine.
15	·80	·80	57·8	53·1	48·4	61·7	3·4	1·9	·379	·352	79	86	E 3	E 1	4	10	—	Very fine.
16	·76	·68	54·6	56·9	51·4	71·2	1·4	2·0	·385	·404	90	87	NE 1	NE 1	10	0	—	Very fine. ⊕
17	·55	·48	60·7	55·1	52·2	66·6	2·1	0·4	·462	·424	88	97	S 1	W 4	10	10	·010	Dull day. ♈
18	·55	·62	68·0	54·8	49·4	68·0	10·1	3·0	·361	·346	52	81	SSW 3	SW 1	8	1	—	Fine day. ♈
19	·64	·64	59·8	54·2	50·7	67·0	4·6	1·4	·377	·379	73	91	SW 4	S 1	7	4	·190	Fine day. ♈
20	·65	·61	59·2	53·0	53·0	66·0	3·8	0·5	·388	·379	77	94	SSW 3	SW 2	6	10	·020	
21	·64	·70	58·9	53·3	50·4	61·6	4·0	2·3	·378	·344	76	84	S 2	S 2	10	10	—	
22	·76	·86	54·7	53·0	50·4	65·3	1·7	2·8	·378	·355	89	82	N 2	W 1	9	0	·040	Very fine.
23	·88	·81	63·2	57·5	48·4	69·0	6·7	1·5	·371	·427	64	90	SW 3	SW 1	1	10	·510	Very fine.
24	29·82	29·94	60·0	59·0	49·4	63·6	4·0	3·0	·396	·407	76	82	SW 3	SW 1	2	10	—	Dull afternoon.
25	30·02	30·05	60·0	58·3	52·9	70·2	4·0	3·0	·396	·397	76	81	W 2	NW 1	1	9	—	Fine day.
26	·09	·13	60·0	53·1	52·4	64·0	4·0	1·5	·396	·362	76	89	NW 2	S 1	0	10	—	Fine day.
27	·12	·14	56·1	52·1	51·4	60·9	3·1	1·5	·362	·349	80	89	N 1	N 1	10	1	—	
28	30·12	30·05	56·9	53·0	50·0	60·0	4·3	1·9	·343	·351	74	87	N 2	NE 1	4	7	·020	Splendid day.
29	29·97	29·96	61·7	53·4	52·4	68·0	2·4	0·3	·470	·400	86	98	NE 1	NE 3	10	10	·050	Dull day.
30	·98	·95	48·5	50·1	47·4	55·0	0·5	2·1	·329	·308	96	85	NE 2	NE 1	10	10	—	Dull day.
31	29·91	29·95	51·0	47·6	45·4	58·1	4·0	1·4	·275	·296	74	90	NNW 2	Calm 0	4	4	—	Very fine.
Mean	29·976	29·965	56·6	52·9	48·3	62·5	4·1	2·3	·349	·340	76·0	84·7	2·2	1·7	5·5	5·4	0·840	

SOUTHAMPTON.—MAY 1893.

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24′ W. Lat. 50° 55′ N. Gravity Correction, + ·016 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	30·05	30·00	59·1	51·6	43·6	64·7	7·0	2·6	·309	·315	62	82	NW 3	WSW 1	10	10	—	Beautiful day.
2	29·97	29·93	54·2	52·8	45·9	62·7	4·0	1·8	·313	·350	74	87	SW 3·5	SW 3	10	10	—	Beautiful day.
3	30·07	30·19	65·5	57·5	51·0	72·6	7·3	4·2	·390	·354	62	75	NW 1·5	NW 1	2	0	—	Delightfully fine and pleasant.
4	·27	·27	62·7	53·5	46·6	68·5	5·7	1·7	·391	·362	68	89	SSW 2	SE 1·5	1	0	—	Delightfully fine and pleasant. ⌓ n.
5	·27	·28	67·8	56·8	46·3	75·0	8·3	4·8	·403	·330	59	71	SW 1·5	NE 2	1	0	—	Beautiful throughout, and very warm.
6	·31	·26	61·7	51·8	43·9	64·6	11·0	6·9	·259	·228	47	60	SE 3·5	E 3	0	0	—	Beautiful day, with pleasant breeze.
7	·28	·24	56·9	50·6	42·2	63·0	8·3	4·8	·257	·256	55	70	NE 3	NE 4	2	0	—	Delightfully fine and pleasant. Cool breeze.
8	·24	·19	56·7	54·0	41·0	66·9	6·0	3·5	·302	·322	66	77	NE 4	NE 1	5	0	—	Beautiful day, with cool breeze.
9	·15	·14	60·9	56·8	46·6	72·1	7·1	7·2	·330	·278	61	61	NE 4	ENE 3	5	0	—	Beautiful day, with cool breeze.
10	·17	·22	64·1	55·4	46·2	75·6	9·0	7·7	·329	·252	55	57	NNE 3·5	N 1·5	0	0	—	Beautifully fine and warm.
11	·23	·20	64·4	56·2	42·5	75·0	11·4	5·2	·283	·314	47	69	NNE 3·5	S 0·5	0	5	—	Beautifully fine and warm.
12	·12	·04	65·3	58·0	43·7	75·6	8·8	4·3	·351	·360	56	75	SW 1·5	WNW 0·5	8	1	—	Beautiful day.
13	30·10	30·06	68·5	56·9	49·9	75·5	9·4	3·3	·385	·368	54	80	ENE 1·5	SE 2·5	0	2	—	Delightfully fine and very warm.
14	29·94	29·82	63·7	60·5	49·9	74·2	5·8	5·1	·403	·373	69	71	ESE 1·5	NE 1	10	7	—	Very warm and close.
15	·78	·79	65·8	61·2	55·7	73·2	6·0	4·2	·431	·408	69	76	E 1	S 1	9	10	·020	Very warm and close.
16	·75	·66	60·7	55·6	54·9	70·6	3·4	1·5	·423	·399	80	90	SE 2	SE 1·5	10	1	·056	● shower 1a. Beautiful day. ⌓ w
17	·50	·50	61·1	54·8	53·9	61·9	3·5	0·6	·426	·413	79	95	SE 2·5	SW 1	10	9	·468	●² shower 1a. ●² 10a.–5p.
18	·50	·60	57·5	55·1	48·9	64·4	3·1	1·8	·383	·382	80	88	SSW 4	SW 3	10	4	·168	● 6a. and 2p. Day fine.
19	·58	·58	59·4	55·6	53·5	61·9	3·6	1·9	·398	·389	79	87	SW 4·5	SW 5	10	10	·025	● showers a.
20	·60	·58	57·3	52·8	52·3	60·8	3·3	2·0	·374	·346	79	87	SW 4	SW 2	10	10	·100	Beautiful day, but with ● 2p.–3p.
21	·62	·73	61·1	54·8	48·9	65·1	7·0	3·5	·335	·335	63	78	SW 2	NW 2	5	1	—	Delightfully fine and pleasant.
22	·84	·93	66·0	56·5	45·8	72·6	9·3	2·4	·349	·387	55	85	NW 1·5	SW 1·5	0	0	—	Delightfully fine and pleasant.
23	·90	29·86	55·9	56·8	48·1	65·6	1·0	1·6	·419	·414	94	89	SW 2	WNW 1	10	8	·002	Fine and pleasant.
24	29·88	30·00	62·7	57·6	47·1	65·6	4·7	2·5	·418	·401	73	84	WNW 2·5	WNW 1	9	5	—	Beautiful day.
25	30·08	·10	67·0	58·4	46·9	73·5	6·5	1·7	·439	·436	66	89	NW 2	NW 1	2	0	—	Delightfully fine and warm.
26	·14	·17	62·7	56·0	51·0	71·1	4·1	5·0	·435	·317	76	70	NW 1·5	NNE 3	10	2	—	Beautiful day.
27	·16	·16	61·9	55·8	46·1	68·5	6·2	3·7	·366	·345	66	77	NNE 1·5	NE 0·5	9	1	—	Beautiful day.
28	·15	30·07	67·4	56·1	47·0	73·2	8·3	2·0	·396	·393	58	87	NNW 1·5	SW 1·5	1	2	—	Beautifully fine and warm.
29	·01	29·97	70·6	61·8	50·1	74·6	8·6	3·3	·440	·445	59	81	NW 1·5	ENE 1	2	10	—	Very warm and close.
30	30·00	·98	54·4	52·9	51·0	62·7	2·6	3·8	·351	·303	83	76	ENE 3	NE 1	10	7	—	
31	29·96	29·95	58·7	53·6	45·9	62·2	7·7	3·0	·290	·330	58	80	SW 2	SW 1·5	5	8	—	Dull and cool.
Mean	29·987	29·983	62·0	55·7	47·9	68·7	6·4	3·5	·367	·352	66·2	78·8	2·5	1·7	5·7	4·3	0·839	

PLYMOUTH.—MAY 1893.

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 74 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 4° 8′ W. Lat. 50° 22′ N. Gravity Correction, + ·015 in.

1	29·95	29·90	54·5	52·0	45·0	55·9	3·6	2·1	·329	·333	77	85	WSW	SW	7	8	—	Colder and unsettled.
2	29·82	29·81	51·0	53·0	50·2	54·9	1·1	1·1	·345	·371	92	92	S	WSW	10	8	·015	Overcast all day. ●⁰ shower 3p.
3	30·00	30·09	58·0	52·4	47·9	60·9	4·1	0·7	·365	·374	75	95	WNW	E	4	3	—	Fine and sunny all day.
4	·12	·11	59·0	55·0	45·5	64·9	8·6	3·6	·275	·335	54	77	Sby E	E	3	3	—	Fine and sunny all day.
5	·10	·07	65·5	56·8	54·5	70·8	6·7	3·7	·409	·357	64	77	E	E	2	0	—	Fine and sunny all day. ⊕
6	·11	·03	59·0	51·9	50·4	63·7	6·6	4·9	·318	·267	63	70	ENE	E	0	0	—	Fine, clear, and sunny. ⁄
7	·08	·07	54·7	46·5	46·0	55·9	5·2	2·0	·293	·270	69	85	ESE	ENE	2	0	—	
8	·11	·05	54·5	54·5	43·5	63·1	5·1	3·9	·294	·322	69	75	ENE	NE	1	0	—	Fine and sunny all day.
9	·02	·04	61·0	58·0	48·9	68·1	5·6	5·5	·367	·330	68	68	NE	NE	0	2	—	≋⁰ (mist) 9a. Fine and sunny a.
10	·08	·10	64·0	60·2	50·9	70·9	7·1	9·6	·375	·269	62	51	E	NNE	0	9	—	≋⁰ (mist) 9a. Fine and clear till 6p.
11	·13	30·10	61·0	59·0	49·4	69·0	8·1	5·1	·309	·313	57	70	E	NNW	0	0	—	Fine and clear all day.
12	30·05	29·98	63·5	52·5	47·0	70·9	8·6	1·1	·331	·365	56	93	NNW	NWb.N	2	3	—	Fine and clear all day.
13	29·97	·87	63·5	58·0	47·0	68·2	4·7	5·1	·431	·340	73	70	E	E	0	6	—	Fine and clear all day.
14	·75	·69	57·8	56·8	54·8	61·9	1·8	2·0	·424	·403	88	87	E	SE	10	8	—	≋⁰ (mist) 9a. ○
15	·68	·67	61·0	57·0	52·4	67·6	3·2	0·6	·434	·447	81	96	NW	N	8	5	—	Fine and sunny.
16	·62	·48	53·7	56·0	52·4	58·0	0·3	1·1	·404	·428	98	93	SbyE	ESE	10	10	·770	≋ 9a. Overcast all day. ♈ ●² [9.30p.
17	·34	·34	58·3	55·0	53·9	59·9	1·7	1·2	·434	·399	88	92	ESE	S	9	2	·140	≋⁰ (mist) 9a. ●² 3.30p.
18	·29	·38	54·0	54·0	52·4	57·9	0·3	1·0	·410	·388	98	93	S	S	9	10	·380	●⁰ a. Fine afternoon.
19	·36	·37	57·0	54·3	51·9	57·4	1·0	0·3	·434	·415	93	98	S	SW	9	10	·260	● showers.
20	·40	·40	54·5	54·5	49·5	56·1	1·5	1·5	·382	·382	89	89	SSE	SW	8	6	·005	Fine and sunny.
21	·49	·64	55·5	52·5	43·5	58·1	3·6	3·6	·342	·302	77	76	swbys	NW	4	0	—	Clear all day.
22	·73	·82	57·9	54·5	42·0	65·2	2·4	2·3	·409	·361	85	84	NW	WSW	4	2	·010	Clear all day. ●⁰.
23	·77	·80	56·5	54·0	53·9	63·4	0·6	2·1	·439	·358	96	86	SW	W	10	2	·010	Overcast till late p., then clear. ≋
24	29·82	29·94	58·0	54·9	52·7	60·9	3·1	1·5	·391	·388	81	91	NW	NNW	10	3	—	Overcast till 7p., then clear.
25	30·01	30·04	59·5	55·7	47·9	65·1	3·1	1·8	·415	·393	81	88	NNW	NNW	8	4	—	Sunny all day.
26	·07	·06	62·4	55·1	54·4	66·5	3·1	3·7	·460	·334	82	76	NNW	N	6	1	—	Fine and sunny.
27	·07	30·04	57·5	56·2	49·9	62·5	4·6	2·7	·345	·374	73	83	NNE	NNW	9	0	—	≋⁰ (mist) 9p.
28	30·05	29·98	61·0	57·0	51·4	62·9	3·2	1·9	·434	·409	81	87	SSW	N	0	2	—	≋⁰ (mist) 9a. Clear till 11a., then [overcast.
29	29·91	·86	61·5	58·0	48·9	69·8	3·2	2·1	·443	·419	81	86	N	N	2	0	—	Sunny nearly all day.
30	·86	·85	58·5	54·5	52·5	61·5	2·1	1·0	·427	·396	86	93	E	Calm	10	10	·055	≋⁰ (mist) 9a. Cloudy and gloomy.
31	29·84	29·83	55·5	53·0	51·9	57·4	2·1	0·6	·379	·385	86	96	S	SSE	10	8	—	Overcast nearly all day. [with ●⁰.
Mean	29·858	29·851	58·4	54·8	49·8	62·9	3·7	2·6	·382	·362	78·2	83·9	—	—	5·4	4·0	1·645	

LONDONDERRY.—MAY 1893.

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

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·87	29·82	49·0	44·7	40·6	51·0	3·4	1·0	·268	·273	77	93	SW 1	NW 1	10	10	·260	● ⁰ all day.
2	29·70	29·74	52·5	53·9	42·0	57·5	1·9	2·0	·344	·359	87	87	SW 1	Calm 0	10	10	·080	● showers all day.
3	30·00	30·06	55·2	57·0	46·8	65·0	3·2	2·2	·347	·399	80	86	W 2	Calm 0	9	5	—	
4	·11	·08	60·5	56·7	50·0	63·5	5·3	3·0	·368	·373	70	81	S 2	SW 1	10	10	—	
5	·12	·14	60·4	59·7	52·2	68·3	6·4	4·7	·340	·372	64	72	SE 3	Calm 0	10	5	—	
6	·15	·14	61·5	53·7	52·0	69·0	6·4	4·0	·355	·307	65	74	E 4	Calm 0	10	4	—	
7	·18	·29	59·6	47·7	42·4	65·6	7·8	3·7	·299	·246	58	75	SE 3	Calm 0	3	4	—	
8	·38	·36	57·6	50·3	45·8	63·6	9·1	2·6	·250	·299	53	82	E 2	Calm 0	5	4	—	
9	·36	·35	62·6	50·8	44·5	72·4	7·4	3·5	·346	·285	61	77	NW 1	NW 2	3	0	—	Fine and warm.
10	·41	·30	61·2	55·2	45·2	66·3	7·3	1·5	·330	·393	61	90	NE 3	Calm 0	10	10	—	
11	·25	·16	57·1	54·2	50·0	63·5	3·9	2·5	·355	·350	76	83	SW 2	SW 2	10	10	—	
12	·05	30·01	54·7	53·7	51·3	60·5	3·3	2·5	·338	·343	78	83	SW 4	SW 2	10	10	—	
13	30·02	29·98	61·7	54·0	51·4	72·7	8·5	1·9	·309	·363	56	87	SW 2	Calm 0	1	1	—	Fine and warm.
14	29·96	·86	60·7	55·2	48·0	69·5	4·0	1·5	·407	·393	77	90	NE 1	Calm 0	7	10	—	
15	·84	·82	64·8	57·7	52·4	69·0	6·8	2·2	·393	·412	64	85	N 1	SE 1	8	10	·020	
16	·72	·59	52·4	54·7	49·1	63·7	1·7	2·0	·348	·372	89	87	E 2	SE 1	10	10	·020	● at night.
17	·47	·38	53·7	52·4	51·5	56·2	1·2	0·9	·379	·369	92	94	E 2	SE 2	10	10	·230	● till noon.
18	·36	·32	60·5	53·7	49·7	66·5	4·6	3·0	·386	·332	74	80	SE 1	Calm 0	10	1	·010	● ⁰ at night.
19	·36	·32	60·1	54·7	50·8	62·5	5·5	2·8	·358	·351	69	81	SE 3	SE 1	9	9	·050	● ⁰ at night.
20	·33	·37	58·6	53·1	51·9	68·0	2·9	1·1	·405	·373	82	92	SW 2	NE 1	10	7	·210	● showers. T in N. 3.30p.
21	·43	·63	52·7	52·7	48·6	58·0	1·0	3·0	·370	·320	93	80	SW 1	NW 1	10	10	·030	● 6a.—10a.
22	·76	·60	59·7	54·7	49·2	60·4	6·1	2·0	·338	·372	66	87	SW 1	SE 2	10	10	·160	● showers during day.
23	·58	·58	59·2	51·7	49·8	59·2	6·9	1·8	·313	·337	62	88	SW 3	SW 3	8	10	·160	● showers.
24	29·76	29·94	52·6	53·8	50·0	59·4	1·5	2·1	·356	·356	90	86	NW 3	WNW 2	10	9	·050	● ⁰ showers.
25	30·00	30·12	54·5	53·1	51·0	59·6	2·0	2·4	·368	·339	87	83	W 2	W 1	10	10	·030	● at night.
26	·21	·24	52·2	54·7	50·0	60·4	1·8	2·0	·342	·372	88	87	NW 2	NW 2	10	10	·010	
27	·26	·23	60·6	57·7	52·0	68·2	5·0	4·0	·378	·363	72	76	WNW 3	NE 1	8	10	—	
28	·17	·13	56·7	55·1	52·8	61·9	3·0	1·7	·373	·385	81	88	W 1	WNW 1	10	10	—	
29	·07	·09	57·9	53·9	52·6	62·0	3·1	2·2	·390	·354	81	86	NW 1	NE 1	10	10	·030	● 10p.
30	·07	·07	56·0	48·0	47·2	62·0	3·3	4·0	·358	·243	79	73	NW 1	NW 1	8	2	—	
31	30·05	30·03	54·6	49·7	44·5	61·8	5·4	2·3	·287	·288	68	78	NE 2	N 1	9	1	—	
Mean	29·935	29·927	57·5	53·5	48·9	63·5	4·5	2·5	·348	·345	74·2	83·6		2·0		1·0	8·6	7·5	1·350

ARMAGH.—MAY 1893.

Height above Mean Sea Level, 196 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 39′ W. Lat. 54° 21′ N. Gravity Correction, + ·025 in.

1	29·76	29·68	46·3	46·8	40·9	50·3	1·1	0·0	·288	·321	91	100	S 1	S 0·5	10	10	·110	Overcast all day.
2	·60	·64	51·1	51·2	45·7	56·3	0·5	0·0	·363	·377	96	100	SSW 2	S 1	10	10	·065	Overcast all day.
3	29·91	29·97	53·2	55·9	45·6	63·2	1·2	0·9	·371	·420	92	94	SW 1	SSW 1	5	6	—	
4	30·01	30·00	56·6	51·9	48·2	60·8	1·9	0·3	·403	·378	87	98	S 2	SE 0·5	8	10	—	
5	·04	·05	61·1	55·1	48·3	65·6	3·4	1·2	·429	·399	80	91	SE 1	SE 1	8	6	—	
6	·05	·03	59·9	53·0	50·0	62·2	2·9	3·1	·424	·320	83	79	SE 2	SE 1	10	10	—	
7	·08	·17	55·3	46·6	45·4	56·7	3·4	1·6	·345	·280	78	89	SE 3	ESE 1	0	0	—	
8	·25	·22	53·8	49·7	43·8	58·3	3·9	0·9	·311	·334	75	94	E 2	ENE 1	7	3	—	
9	·23	·22	60·2	52·9	41·4	60·5	3·5	1·3	·413	·364	79	91	ENE 1	Calm 0	0	0	—	Fine all day.
10	·24	·18	59·5	54·9	38·7	65·4	5·4	0·1	·352	·428	69	100	E 0·5	Calm 0	0	10	—	
11	30·11	30·03	64·7	51·6	48·1	67·5	3·8	0·2	·429	·377	79	99	SW 1	WSW 1	7	5	—	
12	29·93	29·93	53·4	49·9	43·6	58·2	0·8	0·1	·385	·356	94	100	SW 1	WNW 0·5	10	0	—	
13	·91	·83	59·7	59·0	41·5	67·5	3·8	1·7	·396	·445	77	90	S 1	SSW 1	2	9	—	
14	·79	·70	62·0	56·8	47·1	69·3	2·9	1·2	·459	·426	83	92	N 1	ENE 1	8	10	—	
15	·70	·68	56·1	53·0	51·0	59·9	1·2	0·1	·415	·400	91	99	ENE 1	NE 1	10	10	·035	Overcast all day.
16	·59	·47	52·3	52·4	49·8	60·0	2·1	0·4	·336	·382	85	97	E 1	SE 1	10	10	·252	
17	·32	·25	51·6	52·8	49·1	57·8	0·1	0·3	·380	·392	100	98	E 1	SE 1	10	10	·038	
18	·22	·20	58·6	52·0	49·0	62·0	1·6	1·8	·442	·340	90	87	SE 2	SSE 2	8	8	·027	
19	·24	·20	58·0	52·1	48·8	59·0	5·2	2·0	·337	·337	70	86	SSE 2	SSE 1	10	9	—	
20	·22	·24	57·6	50·7	50·0	61·1	4·7	1·8	·344	·325	73	88	SSW 1	S 1	9	9	·052	
21	·29	·48	50·3	51·7	47·1	58·0	0·7	1·5	·347	·344	95	89	N 0·5	W 1	10	7	·162	
22	·65	·54	58·0	55·6	47·7	62·5	5·9	2·7	·320	·367	67	82	SSW 1	S 2	9	10	·092	
23	·50	·50	55·0	50·9	50·7	59·2	5·1	2·0	·300	·323	70	87	SW 2	SW 2	10	10	·118	
24	·65	·85	55·2	53·8	50·2	58·0	3·6	2·2	·337	·353	78	85	WSW 1	SW 1	10	10	·007	
25	29·87	29·99	58·3	53·6	50·5	63·5	4·8	3·1	·351	·328	72	79	W 1	NW 0·5	10	9	—	
26	30·08	30·11	52·8	54·5	48·4	59·4	2·1	2·3	·343	·360	85	84	NW 0·5	NW 0·5	10	10	—	Overcast all day.
27	·11	30·08	60·0	53·9	52·0	63·8	2·9	2·1	·426	·357	83	87	NNE 0·5	Calm 0	10	7	·090	
28	30·03	29·97	61·2	55·6	50·5	64·1	4·4	1·4	·403	·402	75	90	NW 0·5	Calm 0	10	10	—	Overcast all day.
29	29·92	·93	58·1	51·6	51·0	65·3	3·2	1·6	·389	·340	80	89	NE 0·5	ENE 0·5	10	10	·080	Overcast all day.
30	·93	·92	55·9	44·0	44·0	61·4	5·7	2·2	·301	·240	66	83	ESE 0·5	N 0·5	4	0	·002	
31	29·89	29·88	56·6	50·4	36·3	58·0	6·6	3·8	·288	·274	63	76	N 0·5	N 0·5	8	9	—	
Mean	29·810	29·804	56·5	52·4	46·8	61·1	3·2	1·4	·370	·358	80·9	90·4		1·2		0·8	7·8	7·6	1·120

MARKREE CASTLE.—MAY 1893.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27′ W. Lat. 54° 11′ N. Gravity Correction, + ·024 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·82	29·73	47·1	49·0	41·3	52·6	1·5	0·9	·288	·325	89	94	Calm 0	Calm 0	10	10	·070	Overcast all day.
2	·60	29·72	52·1	49·5	48·2	58·8	1·0	0·6	·363	·338	93	95	SSE 1	W 0·5	10	6	·160	
3	29·94	30·01	54·0	55·6	42·3	65·0	1·2	1·7	·382	·394	92	88	SSE 1	SE 1	10	10	—	Overcast all day.
4	30·02	·00	57·4	55·6	48·0	62·6	2·7	1·7	·393	·394	83	88	SSE 3	SE 3	10	10	—	
5	·03	·04	59·4	59·8	51·0	69·8	3·8	3·9	·394	·395	78	77	SE 3	SE 2	10	10	—	
6	·03	·02	58·3	55·1	52·1	65·1	3·4	1·0	·386	·405	79	93	SSE 3	SE 2	10	10	—	Overcast all day.
7	·05	·16	59·4	49·1	47·4	65·8	7·2	3·1	·308	·275	61	78	SE 5	SE 2	7	9	—	
8	·28	·27	50·2	48·3	45·1	61·0	3·2	1·2	·284	·309	79	92	ESE 2	Calm 0	10	10	—	
9	·27	·27	61·1	52·8	39·6	67·9	5·8	1·9	·365	·348	68	87	ESE 1	Calm 0	7	8	—	
10	·29	·24	60·0	55·8	36·7	65·5	7·0	2·8	·321	·367	62	82	S 0·5	Calm 0	9	10	—	
11	·20	30·12	57·7	50·2	47·8	59·9	4·7	0·2	·345	·358	72	99	SW 0·5	Calm 0	9	10	—	
12	30·00	29·97	56·0	52·0	49·2	60·0	2·6	1·6	·375	·345	83	89	WNW 1	Calm 0	10	9	—	
13	29·96	·90	55·2	50·9	49·4	69·0	3·1	0·9	·350	·349	81	94	S 2	NNW 0·5	7	8	—	
14	·83	·73	61·9	58·9	46·0	71·2	5·6	4·5	·381	·365	69	73	SE 0·5	Calm 0	9	10	—	
15	·72	·71	63·8	56·0	52·8	69·3	4·2	0·2	·452	·413	76	99	SE 1	Calm 0	9	10	·020	∞ 9a. and 9p. T 6p.
16	·60	·48	61·2	56·0	44·1	65·4	3·5	1·2	·428	·413	80	92	SSE 2	SE 1	8	10	·060	∞ 9a.
17	·34	·25	58·4	55·0	52·1	62·0	2·5	1·3	·413	·395	84	91	ESE 3	E 1	10	9	—	
18	·24	·21	60·0	53·3	50·1	65·2	3·1	0·4	·420	·396	81	97	ESE 2	SSE 1	8	10	·110	
19	·24	·23	59·4	53·3	45·1	60·8	2·9	0·5	·417	·393	83	97	SSE 2	Calm 0	9	10	·310	● showers. T 1p.
20	·26	·32	61·0	50·9	50·1	62·3	4·3	0·1	·422	·369	76	99	SSW 1	Calm 0	7	10	·290	
21	·38	·59	52·9	52·0	48·5	58·3	1·0	0·2	·372	·397	93	99	NNW 2	WNW 1	10	10	·140	
22	·70	·53	57·0	53·9	45·9	62·1	3·0	0·1	·377	·413	81	99	S 1	S 4	9	10	·220	
23	·56	·58	54·4	51·2	48·6	59·1	3·5	1·1	·329	·348	77	93	WNW 2	SW 1	10	10	·070	
24	·78	29·94	53·7	52·6	49·9	56·4	2·2	1·4	·352	·358	86	90	NW 2	SW 0·5	10	10	·010	Overcast all day.
25	29·99	30·07	56·0	53·0	49·8	59·8	2·0	1·5	·391	·361	87	90	NW 2	N 1	10	10	·020	Overcast all day.
26	30·16	·20	52·2	53·2	50·2	56·9	0·7	0·7	·372	·386	96	96	NNW 2	NW 2	10	10	·030	Overcast all day.
27	·20	·16	56·6	54·3	51·3	63·6	2·3	0·9	·391	·396	85	94	NNE 0·5	N 0·5	9	10	·010	
28	·13	·08	56·0	54·0	50·1	61·7	2·8	0·7	·370	·397	82	95	NW 1	NW 0·5	10	10	·010	
29	·01	·00	59·2	52·7	51·2	62·4	2·1	1·1	·436	·367	88	92	NNW 0·5	NNE 0·5	9	4	—	
30	30·00	30·00	55·2	45·9	42·3	60·0	2·6	1·9	·363	·266	84	87	NNW 0·5	NNE 0·5	10	3	—	
31	29·99	29·96	53·1	51·2	33·4	56·3	4·1	2·0	·298	·325	73	86	NNE 1	N 0·5	10	10	—	Overcast all day.
Mean	29·859	29·855	56·8	53·0	47·1	62·4	3·2	1·3	·372	·367	80·7	91·1		1·6		0·8	9·2	9·2	1·530

DUBLIN (PHŒNIX PARK).—MAY 1893.

Height above Mean Sea Level, 155 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 21′ W. Lat. 53° 22′ N. Gravity Correction, + ·022 in.

1	29·81	29·78	50·4	48·6	44·2	53·5	1·3	1·4	·333	·307	91	90	W 1	Calm 0	9	1	·370	Cloudy, with ● showers. T p.
2	·70	29·72	52·5	52·7	41·0	57·8	3·1	1·1	·314	·367	79	92	SW 1	W 1	8	8	·100	Cloudy, with ● showers.
3	29·98	30·03	53·5	54·3	47·4	67·0	2·5	2·6	·340	·349	83	82	Calm 0	SW 1	6	2	—	Beautiful day.
4	30·08	·06	56·0	54·7	48·7	63·9	2·9	3·1	·368	·344	82	80	Calm 0	Calm 0	6	7	—	
5	·09	·09	57·2	52·1	49·4	69·9	3·6	2·1	·365	·334	78	85	E 1	Calm 0	7	2	—	
6	·11	·09	60·8	47·8	45·7	63·6	6·3	2·5	·349	·272	66	82	SE 1	Calm 0	4	1	—	
7	·12	·17	56·3	48·8	44·4	58·6	2·9	2·7	·371	·280	81	81	SE 1	Calm 0	1	1	—	Beautiful day.
8	·27	·25	50·4	43·7	42·6	56·4	4·2	1·2	·265	·258	73	90	E 1	Calm 0	1	1	—	Beautiful day.
9	·28	·25	55·9	50·8	39·7	60·7	3·6	3·5	·349	·285	78	77	E 1	NE 1	1	0	—	Beautiful day.
10	·29	·24	56·4	49·4	36·8	61·2	5·4	1·9	·312	·305	68	88	E 1	Calm 0	2	6	—	Beautiful day.
11	·20	30·11	60·6	58·4	47·0	71·4	6·2	3·1	·348	·396	66	81	Calm 0	Calm 0	8	6	—	
12	30·01	29·99	54·0	51·0	47·9	61·8	2·4	2·3	·350	·316	84	84	W 1	Calm 0	8	1	—	
13	29·99	·92	60·1	54·5	41·7	69·0	4·4	2·3	·386	·360	75	84	E 1	Calm 0	1	4	—	Beautiful day.
14	·84	·75	61·9	53·3	45·0	66·2	6·3	2·1	·363	·348	65	85	E 1	Calm 0	6	7	—	
15	·72	·72	57·5	49·8	48·5	63·1	2·9	1·8	·389	·312	82	87	Calm 0	Calm 0	8	2	—	Cloudy a. Bright p.
16	·62	·52	54·8	52·0	47·0	62·7	1·9	1·3	·376	·353	88	91	E 1	Calm 0	9	10	·170	● showers a. and n.
17	·36	·31	53·3	52·2	50·2	61·8	1·1	1·4	·376	·353	92	91	Calm 0	Calm 0	10	2	·020	Dull, with ● showers a. Cloudy p.
18	·28	·30	58·0	52·1	45·0	63·4	3·2	1·7	·388	·344	80	88	SE 1	Calm 0	7	9	·060	● ⁰ showers at night.
19	·30	·25	55·1	52·5	44·7	60·5	2·8	1·3	·356	·359	82	90	SE 1	Calm 0	8	8	—	
20	·32	·31	57·7	47·7	46·8	59·4	4·6	1·3	·348	·299	73	91	Calm 0	W 1	5	9	1·030	Cloudy, with ● showers.
21	·39	·57	49·4	51·8	45·9	58·1	2·0	1·7	·303	·341	87	88	WSW 1	Calm 0	9	1	·070	Cloudy, with ● showers.
22	·73	·66	57·9	54·4	45·6	61·8	4·3	4·0	·359	·317	75	74	Calm 0	SW 1	4	9	·100	● ⁰ from 9p.
23	·63	·64	54·1	53·6	51·9	62·9	2·4	2·8	·351	·335	83	81	W 1	WSW 1	8	9	·025	● ⁰ till 4a. ● ⁰ showers n.
24	·76	29·93	55·6	56·0	50·6	61·1	3·8	2·9	·339	·368	77	82	WNW 1	Calm 0	8	9	—	
25	29·99	30·05	57·5	57·3	51·4	63·6	4·5	2·0	·346	·410	73	87	NW 1	Calm 0	5	5	—	
26	30·14	·16	54·8	55·4	49·8	60·2	3·2	2·2	·343	·377	80	85	Calm 0	Calm 0	9	9	—	
27	·18	·15	56·1	52·4	51·6	66·0	2·3	1·3	·385	·358	85	91	Calm 0	Calm 0	9	2	—	
28	·11	30·03	64·0	57·2	48·0	64·8	5·5	2·1	·417	·406	70	87	Calm 0	Calm 0	4	9	—	
29	30·00	29·97	56·9	53·5	52·8	61·3	2·9	1·1	·378	·379	81	92	Calm 0	Calm 0	9	9	·200	Cloudy day. K 5p. ● ² p.
30	29·97	·94	54·6	44·5	43·6	57·7	5·1	1·2	·294	·266	70	90	ENE 1	Calm 0	2	1	—	Beautiful day.
31	29·94	29·92	51·9	51·2	37·9	57·8	3·3	2·4	·303	·316	79	84	N 1	Calm 0	8	9	—	
Mean	29·877	29·867	56·0	52·1	46·2	62·2	3·6	2·1	·350	·336	78·3	86·8		0·6		0·2	6·1	5·1	2·145

PARSONSTOWN (BIRR CASTLE).—MAY 1893.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar., −2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 ins.
Long. 7° 55′ W. Lat. 53° 6′ N. Gravity Correction, + ·021 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·80	29·74	51·7	49·2	44·8	57·2	1·8	1·3	·337	·318	88	91	SW 1	Calm 0	10	10	·100	≋ (mist) *a.* Cloudy, with ●.
2	·62	29·72	51·7	49·7	47·3	58·7	0·8	0·8	·362	·336	94	94	Calm 0	SW 1	10	0	·098	Dull, with ●².
3	29·93	30·00	58·2	53·7	43·3	66·5	8·3	1·8	·271	·362	56	88	SE 1	Calm 0	4	2	—	Fine and bright.
4	30·01	·00	55·7	53·7	47·8	61·5	1·8	1·6	·393	·367	88	89	S 1	Calm 0	10	10	—	Dull *a.*
5	·02	30·01	63·7	58·7	51·8	71·7	5·3	3·8	·418	·381	70	77	Calm 0	SE 1	9	10	—	Fine and bright.
6	·02	29·98	56·7	56·7	52·3	65·7	3·3	6·8	·365	·285	79	63	SE 2	SE 1	10	6	—	Dull *a.*, fine *p.*
7	·02	30·11	59·2	49·5	46·8	63·7	0·8	2·6	·477	·290	95	82	SE 2	S 1	4	3	—	Fine and bright.
8	·22	·21	53·7	49·7	44·8	64·2	3·8	1·8	·312	·312	75	88	Calm 0	Calm 0	9	3	—	Fine and bright.
9	·21	·23	61·1	51·7	38·8	67·5	1·2	1·8	·499	·337	92	88	Calm 0	Calm 0	2	2	—	Fine and warm.
10	·26	·21	59·7	58·7	37·8	67·7	1·8	3·8	·455	·381	89	77	N 1	Calm 0	0	5	—	Fine day.
11	·18	30·11	64·2	51·2	48·8	69·2	6·8	0·3	·385	·368	64	98	Calm 0	Calm 0	2	2	—	Fine and warm.
12	30·02	29·98	53·7	49·7	47·3	59·5	1·8	0·8	·362	·336	88	94	SW 1	Calm 0	10	8	—	Cloudy day.
13	29·94	·87	59·7	56·7	38·8	72·5	3·3	1·8	·411	·406	80	88	Calm 0	Calm 0	0	8	—	Fine and warm.
14	·77	·66	65·1	59·7	47·3	69·2	5·8	3·6	·426	·402	70	79	SE 1	Calm 0	8	10	—	Fine *a.* Dull evening.
15	·70	·67	57·7	56·7	50·3	71·2	2·0	0·6	·417	·440	87	95	Calm 0	SE 1	10	4	—	Dull *a.* Warm day, with T.
16	·57	·44	59·7	55·7	44·8	66·7	2·3	1·8	·439	·393	86	88	Calm 0	Calm 0	8	5	·230	Fine *a.* Evening dull, with ●⁰.
17	·27	·22	59·7	53·7	52·8	64·0	2·8	0·8	·425	·390	83	94	SE 1	Calm 0	10	2	—	Dull *a.*, then fine and bright.
18	·19	·24	61·7	56·7	39·8	62·7	3·8	4·8	·428	·329	78	71	SE 1	Calm 0	8	10	·360	Dull, with ●².
19	·23	·23	54·7	52·2	48·8	61·9	1·3	0·5	·391	·377	92	97	Calm 0	Calm 0	10	9	·680	Dull, with ●⁰ T.
20	·28	·31	52·7	45·9	44·8	54·9	0·9	1·0	·373	·288	94	94	Calm 0	SW 1	10	10	·740	Dull, with ●.
21	·36	·58	51·7	50·7	44·8	56·7	0·8	0·3	·362	·362	94	98	SE 1	Calm 0	10	6	·330	Cloudy, with ● T.
22	·69	·58	56·7	53·9	45·8	61·7	2·8	0·5	·378	·405	82	98	SE 1	SW 1	9	10	·115	Cloudy, with ●.
23	·61	·64	56·2	51·7	49·8	59·9	3·3	0·8	·360	·362	79	94	SW 1	SW 1	5	10	·045	Dull, with ●.
24	29·78	·97	55·7	53·7	49·8	61·7	1·8	0·8	·393	·390	88	94	SW 1	SW 1	10	10	—	Dull *a.*, then fine and bright.
25	30·00	29·99	58·7	56·7	49·8	62·7	3·8	0·8	·381	·436	77	95	SW 2	SW 1	9	10	·015	Dull *a.*, then fine and bright.
26	·15	30·18	55·7	56·7	51·8	62·7	1·8	1·8	·393	·406	88	88	SW 1	Calm 0	10	10	—	Fine and bright.
27	·18	·13	56·2	56·7	51·8	65·7	1·8	0·8	·399	·436	88	95	SW 1	Calm 0	10	9	—	Dull and gloomy *a.*, fine *p.*
28	·11	30·05	60·7	54·7	52·8	65·7	3·8	0·8	·412	·426	78	95	SW 1	Calm 0	10	2	—	Dull *a.*, fine and bright *p.*
29	30·02	29·96	54·7	56·7	44·8	67·7	0·3	0·8	·419	·436	98	95	NW 1	NE 1	10	10	—	Gloomy *a.* Dull evening.
30	29·92	·93	55·7	55·7	49·8	61·7	1·8	2·8	·393	·366	88	82	NE 1	NW 1	5	8	—	Fine day.
31	29·95	29·93	53·7	53·7	37·8	59·7	4·8	2·8	·290	·337	70	81	NE 1	NE 1	3	10	—	Fine and bright.
Mean	29·839	29·835	57·3	53·9	46·7	64·0	2·8	1·8	·391	·369	83·2	88·7	0·8	0·4	7·6	6·9	2·713	

DEERNESS.—JUNE 1893.

Height above Mean Sea Level, 169 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45′ W. Lat. 58° 56′ N. Gravity Correction, + ·036 in.

1	29·77	29·71	51·2	49·0	42·0	54·8	2·9	2·0	·304	·298	81	86	NW 4	W 4	9	10	—	
2	·71	·73	50·0	49·7	42·0	54·8	3·3	1·9	·280	·309	78	88	NW 1	SE 1	10	10	—	Distant objects clearly seen. Hills and sea indigo colour.
3	·68	·75	49·3	49·0	45·0	51·0	2·3	1·7	·294	·305	84	88	ESE 4	ESE 2	10	10	·060	
4	29·78	29·91	50·7	51·0	45·0	57·3	0·5	2·0	·358	·323	96	86	Calm 0	WNW 1	10	1	—	≋ *a.* ⌓².
5	30·06	30·14	55·7	49·2	45·2	57·8	3·7	0·4	·343	·340	77	98	NNW 1	SSE 1	2	0	—	Fine day. ⌓
6	·07	·12	53·0	54·2	48·0	58·1	2·0	0·2	·347	·415	86	99	SE 5	NNW 1	10	10	—	≋ *p.*
7	·22	·26	58·0	50·0	49·2	59·8	3·0	1·0	·393	·334	81	93	N 2	Calm 0	1	0	—	
8	·26	·23	50·0	49·2	47·0	51·8	0·0	0·6	·361	·335	100	96	SE 1	SE 2	10	10	—	≋ all day.
9	·22	·22	50·4	51·4	47·2	58·4	0·4	1·0	·356	·353	97	93	S 2	NNW 1	10	1	—	≋ *a.* Hills blue. Mirage.
10	·23	·19	56·0	52·2	47·0	59·4	2·7	2·2	·373	·332	83	85	NNW 2	Calm 0	9	0	—	
11	30·11	30·03	58·0	51·3	47·3	59·5	5·0	1·0	·342	·352	71	93	SSE 1	SSE 1	0	0	—	Hills blue. Fine day.
12	29·99	29·93	54·0	51·0	48·3	54·8	2·0	1·0	·360	·348	86	93	SSE 3	SSE 3	1	0	—	Fine day.
13	·90	·87	51·2	50·0	47·8	54·8	1·4	0·7	·340	·342	91	95	SE 3	SE 3	10	10	—	≋ *p.*
14	·81	·82	50·4	49·0	48·0	55·8	0·4	0·2	·356	·343	97	97	SE 4	SE 5	10	10	—	≋ all day. ⌓².
1	·83	·83	51·0	50·0	46·3	56·5	1·0	0·5	·348	·348	93	97	SE 4	SSE 2	10	10	—	≋ all day.
16	29·82	29·92	60·0	59·0	47·0	70·0	3·2	0·8	·417	·474	81	95	S 2	WSW 3	1	10	—	∞ *qa.*
17	30·08	30·12	60·0	61·0	53·0	69·5	4·0	2·8	·595	·445	76	83	WSW 4	W 4	3	10	—	Clouds near horizon deep blue.
18	30·11	29·99	63·0	58·2	55·7	67·8	3·0	1·2	·474	·448	82	92	W 5	W 3	7	7	—	
19	29·84	·72	55·8	49·0	47·4	58·8	5·8	0·6	·296	·332	66	96	NW 5	NW 4	3	10	·060	
20	·68	·70	52·5	49·6	47·5	55·0	5·1	3·6	·269	·270	68	76	NNW 5	NNW 3	9	10	—	
21	·68	·58	51·5	48·7	47·2	55·0	4·5	1·5	·271	·307	71	89	NNW 3	N 1	10	10	—	Turnip snigling and hay cutting commenced.
22	·45	·40	47·5	46·3	45·6	49·8	1·5	0·9	·291	·293	89	94	NNE 2	NNE 5	10	10	·150	
23	·35	·32	51·0	50·0	45·2	55·5	2·9	2·0	·301	·309	81	86	NNE 6	NNE 5	10	4	—	Cir. in clusters.
24	·25	·31	52·3	51·0	45·8	54·5	3·3	2·0	·307	·323	78	86	N 5	N 5	7	10	—	
25	·35	·46	50·0	48·0	46·8	54·5	3·0	1·7	·286	·292	80	88	NW 5	NW 4	10	10	·030	Overcast all day.
26	·51	·56	50·7	48·0	45·5	58·6	4·2	2·0	·269	·285	73	86	NW 2	NNE 1	9	7	—	
27	·43	·28	50·2	51·0	45·0	53·8	0·0	0·0	·364	·374	100	100	ESE 5	E 6	10	10	·110	● from 4*p.*
28	·18	·24	57·0	53·4	50·2	59·6	1·0	0·4	·434	·397	93	97	SE 2	ESE 1	2	6	—	≋ 9*p.*
29	·38	29·70	59·5	52·8	51·0	60·8	2·5	1·1	·429	·369	85	92	NW 2	W 6	9	10	—	
30	29·95	30·02	54·3	51·0	50·5	56·6	2·5	1·0	·357	·348	84	93	N 1	SE 2	10	0	—	
Mean	29·790	29·801	53·5	51·1	47·3	57·5	2·6	1·3	·344	·345	83·6	91·4	3·0	2·7	7·4	6·9	0·410	

DUNROBIN CASTLE.—JUNE 1893.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56′ W. Lat. 57° 59′ N. Gravity Correction, + ·034 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·98	29·96	53·5	50·5	49·1	58·9	4·2	2·5	·300	·304	73	83	W	W	—	—	—	
2	·90	·87	52·3	48·7	47·6	58·2	4·8	1·2	·274	·314	70	92	W	E	—	—	—	Dry, with cold wind.
3	29·84	29·94	54·5	50·7	47·1	57·6	4·5	2·0	·306	·320	72	87	E	E	—	—	—	
4	30·07	30·14	57·7	53·0	49·6	60·2	4·7	1·3	·345	·366	72	91	E	SE	—	—	·440	Milder, with ●² showers.
5	·24	·29	58·5	53·7	44·1	63·9	4·2	4·4	·368	·298	75	72	E	E	—	—	—	Fine and mild.
6	·24	·30	60·3	59·3	48·1	61·4	2·6	3·3	·440	·403	84	80	E	NE	—	—	·030	Fine and mild.
7	·38	·40	56·7	55·7	49·6	63·2	2·2	3·4	·395	·351	86	79	E	E	—	—	—	Dull day.
8	·41	·37	50·5	51·5	47·4	57·9	1·2	1·8	·336	·334	91	88	E	E	—	—	—	Dull day.
9	·46	·39	53·5	54·5	47·4	56·4	1·8	0·8	·359	·402	88	95	E	NE	—	—	—	Very fine.
10	·38	·38	57·7	53·7	46·4	58·4	4·2	1·2	·358	·379	75	92	E	E	—	—	—	Very fine.
11	·28	·19	57·5	53·3	48·6	62·9	7·0	3·6	·290	·312	61	76	E	E	—	—	—	Very fine.
12	·15	30·08	60·5	58·7	49·1	64·9	3·5	4·2	·416	·371	79	75	E	E	—	—	—	Very fine.
13	30·06	29·99	57·5	56·5	48·1	65·4	2·0	2·5	·414	·384	87	84	E	E	—	—	—	Very fine.
14	29·97	·98	54·0	59·3	48·6	67·9	2·0	2·6	·360	·423	86	84	E	E	—	—	—	Dull and warm.
15	29·98	29·99	63·0	59·7	51·4	71·6	6·7	0·7	·369	·489	64	96	E	E	—	—	—	Fine and warm.
16	30·01	30·19	66·7	64·0	54·6	73·9	5·2	1·5	·472	·543	72	91	E	E	—	—	—	Fine and warm.
17	·28	·35	64·3	64·3	55·6	75·4	5·6	4·8	·419	·442	70	74	E	E	—	—	—	Fine and warm.
18	·30	30·18	70·4	64·0	58·8	78·9	5·1	5·5	·546	·417	73	70	E	W	—	—	·020	Very hot. Cooler at night.
19	30·05	29·97	58·0	53·7	53·7	66·9	5·7	4·4	·325	·298	68	72	W	W	—	—	—	≋⁰ (mist). Cold wind.
20	29·91	·89	54·7	52·5	51·4	56·4	5·7	4·2	·282	·289	66	73	NW	W	—	—	—	Dull and cold.
21	·87	·78	54·3	55·5	49·1	60·6	6·0	3·5	·271	·344	65	78	W	NW	—	—	·090	Dull and mild, with ● showers.
22	·62	·53	50·5	48·3	47·4	55·5	1·8	2·6	·322	·276	88	82	E	E	—	—	·400	Dull, with ●² showers.
23	·47	·52	52·7	50·0	45·6	54·9	4·4	2·0	·287	·309	72	86	E	E	—	—	·010	Dull, with ● showers.
24	·47	·54	50·0	52·0	48·6	58·9	1·5	3·3	·322	·303	90	78	N	NE	—	—	·020	
25	·62	·68	55·0	52·5	49·1	57·2	6·3	4·2	·274	·289	64	73	NW	NW	—	—	—	Fine day.
26	·72	·68	57·5	54·5	48·8	57·5	2·5	0·8	·399	·402	84	95	NW	NE	—	—	·170	Dull, with ● showers.
27	·52	·39	55·0	54·5	48·1	58·9	6·0	0·8	·280	·402	65	95	E	E	—	—	·160	Dull day.
28	·32	·42	60·5	60·5	53·8	64·4	1·8	2·5	·468	·446	89	85	E	SE	—	—	—	
29	29·60	29·99	59·5	56·0	55·1	65·4	1·5	3·5	·460	·353	91	78	NW	NW	—	—	—	Dull day.
30	30·14	30·15	59·0	54·5	52·1	60·2	6·2	2·8	·326	·347	65	81	SW	E	—	—	—	Fine and warm.
Mean	29·975	29·984	57·2	55·2	49·8	62·5	4·0	2·7	·359	·364	76·2	82·8	—	—	—	—	1·340	

BRAEMAR.—JUNE 1893.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches.
Long. 3° 24′ W. Lat. 57° 0′ N. Gravity Correction, + ·030 in.

1	28·79	28·73	50·8	48·4	35·4	54·2	2·9	2·5	·299	·280	80	83	N 0·5	E 0·5	4	5	—	Fine day.
2	·66	·67	56·8	48·8	44·2	60·4	6·3	1·9	·296	·300	65	86	E 0·5	S 0·5	4	5	—	Fine day.
3	·62	·70	59·4	52·4	39·4	65·2	5·9	4·1	·338	·290	67	74	W 0·5	SW 0·5	3	4	—	Fine day.
4	28·76	28·97	56·4	47·8	42·4	60·2	6·5	1·9	·289	·286	64	86	NW 0·5	E 0·5	4	7	·130	Fine day.
5	29·11	29·17	57·4	57·9	45·4	64·2	5·7	2·2	·317	·414	67	86	E 0·5	SW 0·5	5	3	—	Fine day.
6	·09	·11	61·4	57·4	36·8	66·8	6·7	2·7	·347	·393	64	83	SSW 1	S 0·5	4	4	—	Fine day.
7	·15	·18	56·8	56·6	51·7	61·4	2·1	2·1	·400	·397	86	86	SW 0·5	NE 0·5	4	8	·030	Dull, with ● showers.
8	·18	·15	62·4	59·3	52·8	68·2	5·2	1·8	·400	·448	71	89	NE 0·5	E 0·5	2	8	·820	T 2*p.* ● showers.
9	·15	·16	57·8	54·9	49·0	62·0	3·0	2·4	·391	·364	82	85	SE 0·5	E 0·5	0	8	—	
10	·17	·17	57·8	49·9	47·0	65·8	5·9	0·1	·319	·356	67	100	E 0·5	NE 0·5	7	6	—	Fine day.
11	29·08	29·00	60·6	57·5	37·5	72·1	7·8	3·6	·311	·369	59	78	NE 0·5	S 0·5	0	3	—	Fine and clear.
12	28·92	28·91	67·4	57·9	42·0	76·0	8·9	2·7	·381	·400	56	83	S 0·5	S 0·5	2	1	—	Clear *a.* Cloudy *p.*
13	·84	·83	64·6	56·6	43·2	69·0	7·1	5·3	·384	·316	63	69	SW 0·5	SW 1	0	1	—	Clear all day.
14	·81	·82	62·3	53·7	39·9	66·8	8·8	5·2	·309	·281	55	68	SW 4	SW 0·5	1	1	—	Clear all day.
15	·81	·86	66·6	61·6	40·1	71·7	8·8	4·1	·370	·418	57	77	SW 0·5	SW 0·5	0	6	—	Clear all day.
16	28·85	28·98	68·6	62·3	49·3	69·6	7·8	4·5	·428	·417	61	74	SW 2	SW 1	7	7	—	Cloudy and warm.
17	29·10	29·15	66·9	66·3	55·7	78·2	8·7	5·8	·378	·446	57	70	SW 1	SW 0·5	1	0	—	Clear day.
18	29·12	29·00	74·9	66·2	48·0	82·5	10·4	3·3	·466	·523	54	82	SW 0·5	NE 0·5	0	8	·190	Clear *a.* Cloudy *p.*
19	28·86	28·79	64·8	52·3	51·7	66·8	5·9	4·5	·418	·280	69	71	NW 2	N 1	6	4	—	Fair and cool.
20	·70	·70	53·6	50·8	48·9	56·3	5·4	2·5	·275	·309	67	83	NW 1	N 0·5	7	7	—	Dull and cloudy.
21	·70	·58	52·6	54·9	45·8	66·0	5·3	3·7	·267	·331	68	76	NW 0·5	NE 0·5	8	7	—	Fine day.
22	·40	·27	52·6	44·4	43·5	55·5	1·9	0·9	·345	·272	87	93	NE 0·5	NE 0·5	8	10	·900	● all day.
23	·23	·23	46·6	46·6	42·8	47·6	2·1	1·1	·269	·292	86	93	NE 0·5	NE 4	10	10	·170	● all day.
24	·25	·32	46·6	47·3	43·8	52·2	1·8	2·5	·276	·268	88	83	NE 0·5	NW 1	9	7	·020	Dull, with ● showers.
25	·39	·52	50·6	48·6	45·4	55·8	3·4	1·6	·285	·302	77	89	NW 2	W 0·5	8	8	·010	●⁰ showers.
26	·55	·53	51·6	50·4	40·8	58·4	5·1	3·8	·261	·274	69	76	W 0·5	S 1	9	6	·080	●⁰ showers.
27	·34	·24	52·4	56·3	48·0	57·8	2·9	1·0	·319	·424	81	93	S 0·5	SE 0·5	8	10	·260	●⁰ showers.
28	·17	·23	57·4	56·1	54·8	61·0	1·6	1·6	·423	·404	90	89	SW 0·5	S 0·5	8	8	·120	Dull and cloudy, with ●² showers.
29	·45	·77	56·9	52·9	52·3	62·0	3·4	2·6	·365	·331	79	83	SW 4	SW 2	7	7	—	Fine day.
30	28·92	28·97	60·8	56·4	44·2	69·0	6·5	2·7	·344	·377	65	83	SW 0·5	S 0·5	0	0	—	Fine day.
Mean	28·772	28·790	58·5	54·4	45·4	64·1	5·5	2·8	·342	·352	70·0	82·4	0·9	0·8	4·5	5·6	2·730	

LAUDALE.—JUNE 1893.

Height above Mean Sea Level, 14 feet. Heights above Ground :—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 41′ W. Lat. 56° 41′ N. Gravity Correction, + ·031 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity. Dep. of Wet.		Humidity. Vapour Tension.		Humidity. Per-centage.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·99	29·92	54·9	50·1	47·5	58·4	4·2	2·3	·320	·303	74	84	N 2	Calm 0	10	2	—	Cloudy *a*. Fine and clear *p*.
2	·86	·89	53·3	51·1	41·5	62·3	2·5	2·1	·338	·322	83	85	Calm 0	Calm 0	10	3	—	Very fine *p*.
3	·79	29·85	61·1	56·6	48·5	64·2	4·7	4·9	·393	·325	73	71	ESE 4	SSW 2	4	7	·060	● *p*.
4	29·94	30·09	57·1	54·0	46·9	60·4	4·0	2·6	·353	·344	76	82	SW 2	WSW 3	7	8	·090	●² showers *p*.
5	30·20	·23	56·9	61·2	45·4	67·4	3·7	5·3	·357	·379	77	71	E 2	SSW 5	3	9	—	Fine *a*. Dull *p*.
6	·20	·29	59·2	55·7	54·0	67·0	2·0	0·8	·439	·422	88	95	S 2	Calm 0	10	10	·180	≋⁰ (mist) all day.
7	·37	·37	56·1	56·3	50·9	66·8	2·8	1·4	·372	·412	82	90	SW 1	Calm 0	10	9	—	Dull and warm. ≋⁰ (mist) *p*.
8	·37	·33	65·5	56·3	48·4	68·8	4·5	2·0	·471	·395	75	87	Calm 0	Calm 0	5	3	—	Very warm. ∞
9	·34	·33	64·6	56·3	50·9	67·2	0·6	5·6	·586	·306	96	68	Calm 0	Calm 0	10	4	—	≋² (mist) till 11*a*., then very fine and warm.
10	·34	·30	65·2	56·7	46·1	68·4	5·9	2·3	·425	·392	69	85	Calm 0	Calm 0	3	2	—	Very fine and warm.
11	·24	·16	64·5	58·1	51·8	70·4	6·1	2·0	·408	·423	67	87	Calm 0	Calm 0	1	2	—	Very fine and warm. ∞
12	·10	30·03	66·9	58·7	50·1	72·3	5·3	2·1	·473	·429	71	87	E 1	Calm 0	1	1	—	∞ *a*. Very fine and warm.
13	30·00	29·97	64·7	65·1	52·1	70·3	4·7	7·0	·451	·393	74	64	Calm 0	Calm 0	0	5	—	Sultry day. T to S.E. *p*. ∞
14	29·91	29·88	66·6	65·5	51·1	72·4	5·5	1·4	·460	·576	71	92	E 3	E 1	1	2	—	Fine and warm. ∞
15	30·00	30·00	62·6	62·3	52·4	73·8	3·5	3·2	·451	·455	80	81	S 1	Calm 0	4	9	—	T² in evening. ∞
16	·03	·15	67·4	61·4	58·4	70·0	4·3	1·3	·512	·500	77	93	S 1	Calm 0	9	10	—	Close and sultry. ∞ *a*. ≋⁰ (mist)
17	·30	·36	63·1	58·1	55·4	71·6	3·2	1·0	·470	·452	81	93	Calm 0	Calm 0	10	10	—	Very fine. ≋⁰ (mist).
18	·34	30·21	60·6	59·9	55·1	65·9	0·6	3·9	·509	·396	96	77	Calm 0	Calm 0	10	10	—	Dull day. ≋⁰ (mist).
19	30·09	29·98	59·2	58·0	51·9	62·8	1·4	8·3	·458	·269	92	56	Calm 0	N 2	10	1	—	≋⁰ (mist) *a*. Clear *p*. and colder.
20	29·91	·89	55·6	53·8	49·8	62·4	5·0	3·7	·312	·315	70	76	N 2	N 2	10	4	—	
21	·89	·76	57·7	55·0	41·3	62·9	6·3	2·0	·307	·375	64	87	Calm 0	Calm 0	7	10	·040	≋⁰ (mist) *p*.
22	·58	·48	54·0	49·8	41·1	58·2	1·7	3·2	·368	·280	88	79	Calm 0	NE 2	10	10	·030	●⁰ showers. Much colder.
23	·45	·44	52·3	52·1	46·2	55·2	3·9	2·5	·293	·324	74	83	ENE 1	ENE 1	10	10	·010	Cloudy, damp, and cold.
24	·50	·57	53·4	50·1	48·9	57·3	3·0	1·2	·307	·331	75	91	N 4	N 2	8	9	—	
25	·72	·70	54·8	51·4	48·5	58·1	3·5	3·0	·335	·305	78	80	N 4	NW 2	7	10	·010	Cloudy most of day.
26	·72	·60	53·3	54·5	48·2	58·8	3·2	3·4	·321	·332	79	78	Calm 0	Calm 0	9	9	—	[● showers.
27	·36	·29	60·1	60·8	50·6	64·3	4·4	1·7	·386	·476	75	90	S 5	S 3	10	10	·120	↗ (gale) *a*. Warm *p*. ≋⁰ (mist)
28	·24	29·42	59·5	58·8	47·6	68·2	1·2	1·7	·470	·442	93	90	S 2	N 2	9	10	·060	● showers *a*. ≋⁰ (mist) *p*.
29	29·72	30·00	54·5	54·5	51·6	58·0	2·4	2·4	·357	·357	84	84	N 3	N 3	9	9	—	≋⁰ (mist).
30	30·09	30·09	60·1	61·1	42·7	68·6	2·0	4·7	·455	·393	88	73	Calm 0	SE 3	0	3	—	⌒² *a*. Very fine and warm *p*.
Mean	29·953	29·953	59·5	56·8	49·2	65·1	3·6	3·0	·405	·381	79·0	82·0	1·3	1·1	6·9	6·7	0·600	

DUNDEE.—JUNE 1893.

Height above Mean Sea Level, 160 feet. Heights above Ground :—Bar., 4 feet. Therms., 3 feet 9 inches. Rain-gauge, 1 foot.
Long. 2° 56′ W. Lat. 56° 28′ N. Gravity Correction, + ·030 in.

1	29·81	29·76	56·3	49·8	48·0	60·0	4·7	1·2	·327	·328	71	91	NW 1	SE 1	10	10	—	Dull day.
2	·73	·70	59·0	50·5	42·5	65·9	4·2	0·7	·375	·350	75	95	SW 1	NE 1	5	0	—	Fine day.
3	·68	·73	62·5	56·0	45·9	74·4	4·5	1·4	·420	·408	74	91	SW 1	SW 1	5	5	·010	Fine day. T ● 4.30*p*.
4	29·80	29·94	64·0	54·0	48·8	69·1	5·4	1·3	·420	·380	70	91	SW 2	NE 1	5	10	·180	● showers 10.30*a*. and 7*p*.
5	30·07	30·17	64·5	50·3	49·1	67·7	5·6	0·6	·422	·350	70	96	SE 1	SE 1	7	0	—	Fine day.
6	·13	·14	61·8	55·8	45·3	64·7	3·9	0·2	·427	·410	78	98	SE 1	SE 1	10	10	·060	Dull day. ● showers 1*p*.
7	·20	·23	60·3	52·7	51·8	70·3	1·4	0·1	·478	·395	91	99	SE 1	SE 1	10	0	—	Dull till 1*p*. ≋ 9*p*.
8	·25	·24	52·8	49·5	49·4	58·3	0·6	0·0	·383	·355	95	100	SE 1	SE 1	10	10	·020	Dull day. ≋
9	·23	·22	51·6	51·5	48·0	56·5	1·5	0·7	·343	·362	89	95	SE 1	SE 1	10	10	—	Dull day.
10	·23	·18	64·7	53·0	48·4	66·8	5·6	1·0	·425	·374	70	93	SE 1	SE 1	5	10	—	Cloudy till 10*a*. Dull from 5*p*.
11	·12	30·05	63·7	52·0	45·1	68·6	5·1	0·5	·423	·375	71	97	SW 1	NE 1	5	0	—	Fine day.
12	30·01	29·95	62·0	52·1	46·5	64·3	4·7	1·3	·407	·355	74	91	SE 1	SE 1	7	10	—	Dull from 6.30*p*.
13	29·92	·88	52·1	51·2	50·8	58·8	1·0	0·1	·363	·373	93	100	SE 2	SE 1	10	10	—	Dull day. ≋ after sunset.
14	·86	·84	51·8	50·7	49·7	60·5	1·2	1·1	·354	·342	91	92	SE 2	SE 2	10	10	—	Dull day.
15	·88	29·88	52·3	53·5	50·2	64·0	0·7	0·7	·373	·390	95	95	SE 1	E 1	10	10	—	
16	29·91	30·00	69·0	65·5	49·0	78·0	4·9	2·9	·520	·523	74	83	SE 1	W 1	10	5	—	Dull till 8.30*a*.
17	30·13	30·16	69·6	61·5	58·5	84·6	6·9	2·4	·470	·466	65	86	NW 2	NE 1	5	0	—	Fine day.
18	30·14	29·98	77·5	64·5	55·5	84·7	8·9	2·1	·564	·531	59	87	S 1	SE 1	5	0	—	Fine day.
19	29·84	·80	73·1	53·8	53·8	76·7	4·4	2·4	·628	·348	78	84	W 2	SE 1	5	10	—	
20	·72	·71	56·3	52·8	52·5	64·7	2·5	1·2	·382	·366	84	91	NW 1	SE 1	10	10	—	Dull day.
21	·70	·60	58·3	52·5	49·0	66·7	3·6	1·8	·381	·346	78	88	SE 1	SE 1	10	0	—	Dull till 1*p*.
22	·40	·23	57·5	48·3	47·9	59·1	0·9	0·7	·446	·322	94	95	S 1	NE 8	10	10	·860	● from 2.30*p*. ↗ (gale) from 7*p*.
23	·17	·18	48·3	49·5	46·5	51·3	0·7	1·7	·322	·311	95	89	NE 10	NE 6	10	10	·170	↗ (gale) till 7*p*. ● 9*p*.
24	·23	·33	52·7	52·5	48·2	56·7	4·1	3·7	·294	·300	74	76	N 6	NW 1	10	10	·020	Dull day.
25	·41	·52	56·4	55·5	48·3	61·7	2·8	4·5	·375	·321	83	72	NW 1	NW 1	5	5	·050	●⁰ showers *a*., and till noon. Cloudy [day.
26	·57	·54	55·1	52·4	48·0	67·7	5·7	2·0	·288	·340	66	87	NW 1	NW 1	10	10	·410	Cloudy day.
27	·31	·24	52·1	55·1	51·5	64·8	0·9	0·0	·365	·435	93	100	E 2	SE 1	10	10	·250	● 6*a*.—11*a*.
28	·17	·23	62·3	59·0	54·6	69·1	1·5	0·8	·509	·474	91	95	SW 1	W 2	5	10	·060	● *n*. ● showers 5.30*p*.
29	·46	29·79	63·8	57·5	56·5	67·4	4·1	3·9	·455	·362	77	77	W 4	NW 6	5	5	—	Cloudy day.
30	29·97	30·02	63·1	53·0	48·3	71·6	3·3	0·4	·467	·391	80	97	SW 1	SE 1	5	0	—	Fine day.
Mean	29·801	29·807	59·8	53·9	49·6	66·6	3·5	1·4	·414	·380	79·9	91·0	1·8	1·6	7·8	6·7	2·090	

GLASGOW.—JUNE 1893.

Height above Mean Sea Level, 180 feet. Heights above Ground :—Bar., 4 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 4° 18′ W. Lat. 55° 53′ N. Gravity Correction, + ·029 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity. Dep. of Wet.		Humidity. Vapour Tension.		Humidity. Per-centage.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·80	29·74	57·7	51·1	48·1	62·8	6·7	3·0	·298	·300	62	80	W 1	W 1	10	1	—	Overcast *a*.
2	·69	·65	54·3	51·8	42·9	65·5	4·8	2·6	·297	·318	71	82	W 1	Calm 0	10	3	—	
3	·66	·72	59·8	57·3	45·0	66·6	5·5	5·7	·354	·316	69	67	S 1	S 1	6	10	—	Fine day. Overcast evening.
4	29·82	29·95	56·7	52·6	50·1	62·8	4·0	2·7	·349	·326	75	81	SW 1	W 1	10	5	—	
5	30·06	30·12	60·4	55·4	48·2	68·5	5·8	2·1	·355	·379	67	87	SW 1	Calm 0	6	6	·135	
6	·10	·13	56·2	56·4	54·1	63·1	0·7	0·7	·431	·434	96	96	E 1	SW 1	10	10	·120	Overcast, with ●⁰.
7	·18	·17	59·5	59·4	54·0	66·9	2·9	2·6	·418	·425	83	85	W 1	E 1	9	4	—	Dull and cloudy.
8	·21	·19	57·0	53·0	51·7	65·9	2·6	1·1	·388	·371	83	92	E 1	E 2	10	10	—	≋⁰ (mist) in evening.
9	·19	·18	53·7	53·0	50·0	62·9	1·7	1·9	·364	·350	88	87	E 1	E 2	10	10	—	
10	·19	30·14	61·2	56·3	50·6	69·9	6·2	5·5	·356	·309	66	68	E 2	E 2	8	10	—	
11	30·08	29·99	61·2	58·3	51·7	73·3	6·8	6·1	·342	·320	63	65	NE 1	E 1	3	0	—	Fine and clear.
12	29·95	·89	64·7	56·8	50·2	73·2	8·4	4·1	·353	·348	57	75	SE 1	E 3	0	1	—	Fine and clear.
13	·87	·80	56·2	59·8	51·2	68·8	3·5	3·5	·355	·406	78	79	E 1	SE 1	10	6	—	Fine day.
14	·78	·77	62·9	53·7	51·9	71·0	6·1	2·7	·384	·338	67	82	E 2	E 2	0	6	—	Fine and clear.
15	·84	29·84	58·4	63·1	51·2	77·1	3·9	4·1	·375	·442	77	76	E 1	NE 1	2	4	—	Fine and clear.
16	29·90	30·02	68·8	63·7	57·2	74·7	6·9	3·4	·457	·475	65	80	SW 1	W 2	2	10	—	Fine and clear. Evening overcast.
17	30·14	·16	67·8	64·2	60·8	75·1	5·9	3·8	·470	·470	70	78	W 1	SW 1	4	0	—	Fine and clear.
18	30·14	30·00	69·2	62·0	55·3	79·7	6·3	2·7	·481	·465	67	84	W 1	W 1	0	0	—	Fine and clear.
19	29·85	29·74	69·3	56·6	56·2	72·0	7·2	3·5	·457	·360	63	78	W 1	NE 2	3	3	—	Fine and clear.
20	·71	·67	58·0	56·9	52·8	62·3	6·7	5·6	·303	·312	63	67	N 1	N 1	8	9	—	Cloudy day.
21	·68	·56	57·9	54·9	47·6	67·8	6·0	3·6	·318	·334	66	77	NW 1	W 1	7	0	—	
22	·38	·23	54·9	48·9	48·1	58·4	3·5	2·0	·336	·299	77	86	W 1	N 2	10	10	·543	Overcast, with ●².
23	·17	·20	49·0	51·8	46·2	52·3	2·7	4·1	·283	·284	81	74	N 1	NW 1	10	10	—	Dull and overcast.
24	·27	·35	54·3	50·7	49·4	61·9	5·9	1·7	·273	·326	65	88	NW 2	W 1	9	4	·086	● in afternoon.
25	·45	·54	55·3	50·5	47·0	60·2	5·3	2·6	·300	·302	68	82	W 2	W 1	7	3	—	
26	·56	·44	55·7	57·8	44·1	64·9	6·3	6·9	·285	·296	63	62	W 1	E 1	8	10	·410	
27	·30	·17	55·8	59·3	51·9	68·0	0·8	1·3	·422	·463	94	92	E 1	S 2	10	10	·260	Overcast, ●².
28	·11	·26	61·0	58·9	56·7	67·0	3·4	2·1	·427	·432	80	87	S 1	W 1	10	10	·010	●⁰ showers.
29	·55	·85	56·8	54·1	54·0	59·2	2·9	3·7	·377	·319	81	76	W 2	SW 1	10	8	—	
30	29·97	29·94	60·3	60·1	46·7	70·4	5·3	3·4	·366	·414	70	80	SW 1	NE 1	3	2	—	Fine and clear.
Mean	29·783	29·780	59·1	56·3	50·8	67·1	4·8	3·3	·366	·364	72·5	79·8	1·2	1·3	6·8	5·8	1·564	

WOLFELEE.—JUNE 1893.

Height above Mean Sea Level, 587 feet. Heights above Ground :—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 6 inches.
Long. 2° 39′ W. Lat. 55° 23′ N. Gravity Correction, + ·025 in.

1	No observations during June.																	
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SCARBOROUGH.—JUNE 1893.

Height above Mean Sea Level, 159 feet. Heights above Ground:—Bar., 1 foot. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 23′ W. Lat. 54° 17′ N. Gravity Correction, + ·025 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·79	29·79	55·3	49·4	42·5	57·8	4·1	2·3	·325	·294	74	85	W 4	W 1	6	2	—	Cloudy, then brilliant.
2	·75	·71	56·0	52·0	45·1	65·3	3·5	2·2	·352	·330	78	85	W 1	NW 1	6	8	—	Dull, with ∞ all day.
3	·74	·75	58·1	56·8	44·8	67·7	4·6	3·6	·353	·360	73	77	SW 1	W 1	3	6	—	Brilliant day. Cold at night.
4	29·89	29·98	60·2	54·6	53·1	64·6	4·9	2·1	·374	·367	72	86	SW 1	NW 2	3	6	·180	☇ ●
5	30·04	30·14	57·1	52·5	50·8	60·4	3·7	1·4	·361	·357	77	90	NNW 2	NE 1	3	0	—	Brilliant all day.
6	·20	·16	55·1	55·2	51·0	61·0	2·6	3·9	·361	·329	83	76	NE 1	Calm 0	0	10	·220	Brilliant all day. ● at night.
7	·21	·19	58·2	53·4	52·3	64·6	0·8	1·6	·461	·364	95	89	SE 1	Calm 0	10	0	—	Dull, then bright.
8	·22	·17	53·9	53·8	46·5	59·5	1·9	1·2	·362	·379	87	91	NW 1	NW 2	0	10	·030	Bright till 8p. ≋
9	·18	·16	52·4	51·2	51·2	56·0	0·0	1·2	·394	·345	100	92	NE 2	NE 3	10	10	—	Dull, with ≋0 (mist) all day.
10	·21	·16	53·6	52·4	48·1	58·7	2·6	1·7	·340	·348	82	88	NW 1	NE 1	10	0	—	
11	·06	30·03	53·9	51·8	49·6	57·8	2·4	1·6	·349	·343	84	88	NE 2	N 2	10	8	—	
12	30·00	29·94	54·1	50·8	50·0	54·8	2·2	0·3	·357	·364	84	98	N 2	Calm 0	10	10	·010	Dull, with ●0 all day.
13	29·93	·88	54·6	52·8	49·5	55·7	1·1	0·8	·394	·377	93	94	NE 1	NE 1	10	4	—	Dull, with ≋0 (mist) all day.
14	·84	·81	53·0	53·2	47·5	55·0	0·6	0·7	·385	·385	95	96	E 2	Calm 0	10	1	—	Dull till 5p., then bright.
15	·89	29·93	52·6	53·6	49·3	57·7	0·8	0·8	·374	·388	95	95	NE 1	Calm 0	10	0	—	≋0 (mist) till 5 p., then clear.
16	29·98	30·01	60·2	62·5	47·7	70·2	3·7	4·3	·409	·425	78	75	SE 1	SE 1	0	0	—	Brilliant all day.
17	30·14	·16	65·4	62·3	55·7	73·4	3·8	2·5	·491	·477	79	85	SE 1	Calm 0	0	0	—	Cloudless all day.
18	30·17	30·05	65·1	62·7	56·7	78·7	3·9	4·9	·482	·412	78	72	Calm 0	Calm 0	0	0	—	Cloudless all day.
19	29·82	29·75	69·2	60·1	59·3	69·4	5·4	1·7	·512	·464	71	89	NE 1	N 2	0	1	·040	Brilliant day, with gusty wind.
20	·72	·67	57·2	55·6	52·4	60·6	4·5	3·2	·343	·352	73	79	W 1	NNW 1	4	10	—	Dull and cloudy.
21	·70	·63	56·7	52·1	51·5	62·6	4·4	3·6	·338	·297	73	76	NW 1	Calm 0	3	0	—	Brilliant from 10a.
22	·44	·24	57·8	54·4	48·6	64·6	2·8	0·0	·396	·424	82	100	W 1	Calm 0	10	10	·260	Dull all day. ● showers.
23	·06	·03	56·2	53·8	50·8	59·2	3·4	1·6	·356	·369	79	88	W 2	W 2	4	6	·460	● showers.
24	·11	·35	51·3	53·2	50·1	56·4	0·0	1·7	·378	·358	100	89	N 6	SW 2	10	5	·030	Cloudy, with ●0 showers.
25	·45	·58	56·1	54·6	50·7	61·3	4·4	1·9	·330	·371	73	87	NNW 2	W 2	6	6	·020	
26	·60	·54	56·8	56·0	47·7	61·0	2·7	6·8	·384	·286	83	61	W 4	SW 2	4	10	·290	Cloudy, with ● showers.
27	·34	·36	62·6	64·2	53·4	72·4	0·9	2·4	·535	·514	94	86	WSW 2	SW 2	6	2	·010	Brilliant and hot midday.
28	·28	·37	64·9	58·4	57·3	69·4	5·0	3·3	·446	·391	73	80	SSE 3	SSW 3	4	4	·100	● showers.
29	29·54	29·85	60·4	60·1	56·7	67·0	2·9	4·7	·433	·378	83	73	SW 4	SW 2	6	5	—	
30	30·00	30·02	58·3	59·0	52·4	66·5	3·5	5·4	·384	·345	78	69	W 1	SW 1	2	0	—	Brilliant.
Mean	29·809	29·814	57·5	55·4	50·7	63·0	2·9	2·4	·392	·373	82·3	84·6	1·8	1·2	5·3	4·5	1·650	

CRONKBOURNE (DOUGLAS) ISLE OF MAN.—JUNE 1893.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29′ W. Lat. 54° 10′ N. Gravity Correction, + ·024 in.

1	29·87	29·80	57·0	46·0	44·8	61·8	4·3	1·2	·344	·283	74	92	E 2	NNE 1	6	3	—	Fine day. ◺ p.
2	·74	·72	56·2	45·8	41·5	60·5	4·5	1·5	·330	·274	73	89	ESE 3	Calm 0	1	1	—	Very fine. ◺ p.
3	·75	29·83	59·2	50·8	42·3	62·0	3·4	0·8	·400	·351	80	94	SE 2	Calm 0	0	8	·002	≋0 (mist) a. Very fine. ◺ p.
4	29·93	30·05	58·0	56·0	43·2	63·0	3·0	1·4	·393	·408	81	91	W 4	WNW 2	6	8	—	Fine day.
5	30·14	·19	55·4	57·0	52·3	62·4	0·9	0·1	·413	·462	95	99	SE 2	Calm 0	7	8	·051	Dull day. ● p.
6	·17	·20	57·2	54·8	53·3	59·4	0·5	0·2	·453	·424	97	98	SSW 3	SSE 1	7	10	·002	≋ a. Dull day.
7	·24	·21	57·2	50·0	49·1	67·0	0·8	1·0	·443	·334	95	93	SSE 2	NNW 2	8	2	—	≋0 (mist) a. Fine day. ◺ p.
8	·21	·17	63·3	64·0	49·0	71·2	6·7	1·6	·374	·539	64	92	ESE 3–4	SE 1	1	8	—	Fine day.
9	·20	·19	61·1	58·5	52·4	67·1	2·8	2·2	·450	·423	83	86	SE 3–4	NW 2	0	3	—	≋0 (mist) a. Very fine. ◺ 9p.
10	·22	·17	57·7	59·0	50·2	65·0	2·6	3·0	·400	·407	84	82	SE 3	E 3	4	6	—	Fine day. ∞
11	·11	30·04	60·0	53·0	53·0	64·3	5·8	2·6	·349	·332	67	82	ESE 3	NNW 1	0	3	—	Fine day. ◺ p.
12	30·00	29·92	58·2	51·2	42·8	62·0	3·1	1·2	·393	·345	81	92	ESE 3–4	Calm 0	0	4	—	≋0 (mist). Fine day. ◺ p.
13	29·89	·81	57·8	64·2	50·4	67·5	3·4	5·0	·380	·418	79	69	E 4–5	E 5–6	3	8	—	Fine, with squally ✓.
14	·78	·78	62·5	61·2	56·2	68·9	6·8	2·9	·360	·446	64	83	ESE 4	NE 1	3	8	·027	Cloudy day. ☇ 6p.–8p.
15	29·86	29·93	62·8	55·2	54·6	75·3	5·0	1·8	·411	·384	72	88	ESE 1	N 1	6	2	—	Very fine. ◺ p.
16	30·00	30·11	70·7	60·9	51·0	72·9	5·9	1·8	·524	·474	69	90	SE 2	NNW 1	1	3	—	Very fine. ◺ p.
17	·20	·22	66·0	59·8	59·0	73·6	2·8	6·4	·536	·333	84	65	SE 1	NW 2	8	0	—	Fine day.
18	30·20	30·07	68·6	63·8	53·2	76·0	5·4	4·6	·499	·439	71	74	ESE 2	N 3	1	2	—	Very fine day.
19	29·94	29·80	62·3	52·0	51·8	70·7	2·5	2·0	·477	·335	85	86	WNW 4–5	NNW 5	1	3	—	Fine day.
20	·76	·72	61·8	52·8	50·0	63·7	5·7	3·0	·379	·321	69	80	WNW 5	NNW 3–4	6	2	—	Fine, with squally ✓.
21	·71	·62	61·0	48·6	48·6	66·8	5·2	1·6	·378	·302	71	89	E 4	NW 2	3	1	—	Fine day.
22	·47	·28	60·1	51·2	46·5	62·2	5·9	2·0	·348	·325	67	86	NW 3	NNW 5–6	8	8	·088	Dull day. ● 4p.–5p. Squally ✓ p.
23	·20	·25	50·5	50·0	47·0	52·1	1·2	0·5	·336	·348	91	97	NNW 5–6	NNW 6–7	10	10	·700	Overcast, with squally ✓ ● ≋0 (mist).
24	·37	·49	56·2	51·0	49·0	60·0	2·4	2·1	·383	·321	85	85	NW 6	NW 6	8	4	—	Fine, with squally ✓.
25	·59	·65	56·0	53·0	49·0	62·2	3·8	0·8	·345	·380	76	94	NNW 4–5	NNW 1	8	7	·016	Cloudy, with ● showers.
26	·63	·44	57·7	56·0	47·1	60·3	3·7	0·5	·370	·434	77	97	ESE 3–4	ESE 5	7	10	·470	Fine day. ≋0 (mist) p. ●2 9p.
27	·35	·28	61·8	57·2	55·2	64·3	1·8	0·2	·490	·462	89	99	SW 2	S 4–5	8	10	·043	Fine a. Dull afternoon. ● 6p.
28	·20	·41	58·3	58·0	55·2	62·4	1·3	0·9	·446	·454	91	94	SW 4–5	W 3	8	8	·053	Cloudy, with ● showers.
29	29·69	29·95	57·7	49·8	48·4	64·0	4·0	1·2	·363	·328	76	91	NW 5–7	Calm 0	6	0	—	Squally ✓ a. Fine day. ◺ p.
30	30·04	30·00	62·7	56·1	41·9	63·7	6·0	2·3	·383	·385	68	85	SSE 2	Calm 0	0	2	—	Very fine. ◺ p.
Mean	29·848	29·842	59·8	54·9	49·6	65·1	3·7	1·9	·405	·382	78·6	88·0	3·3	2·3	4·5	5·1	1·452	

STONYHURST.—JUNE 1893.

Height above Mean Sea Level, 375 feet. Heights above Ground:—Bar.,—12 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 2° 28′ W. Lat. 53° 51′ N. Gravity Correction, + ·023 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·63	29·59	55·6	52·0	48·0	61·0	3·8	2·6	·339	·320	77	82	WbyS 2	Calm 0	9	3	—	Overcast a.
2	·51	·51	58·6	57·4	43·7	66·5	4·9	5·2	·353	·328	72	69	SbyE 1	SWbyS 2	9	10	—	Fine a. ≋0 (mist) p.
3	·52	·60	59·5	51·6	51·4	62·0	4·1	1·4	·385	·345	75	90	SSW 2	Calm 0	9	3	·135	≋0 (mist) a. Distant ☇ ● showers p.
4	·71	·80	60·6	54·3	45·4	61·5	5·6	1·7	·362	·374	69	88	SW 2	WbyS 1	10	4	·130	T a. ● showers.
5	·87	·96	60·5	54·8	52·7	66·3	6·0	3·8	·352	·327	67	76	NWb.N 1	Calm 0	6	3	—	Overcast a.
6	·96	·99	58·0	55·8	52·4	61·0	5·0	2·2	·342	·384	71	86	SEbyE 1	Calm 0	10	10	·013	●0 a. Overcast.
7	·99	·97	64·0	60·5	48·9	68·9	6·0	4·5	·403	·389	67	74	NNE 1	NEbyE 1	5	10	—	Fine a. Distant T p.
8	·98	·95	64·6	59·0	49·9	71·3	8·7	4·0	·344	·380	57	76	NNE 1	NbyE 1	0	3	—	Fine day. ≋0 (mist) 9p.
9	29·98	·97	56·0	52·3	49·0	68·9	2·6	1·7	·375	·346	83	88	NE 1	NbyE 1	10	3	—	Overcast a. Fine p. ∞ T p.
10	30·00	·96	54·0	56·2	49·7	67·0	3·2	4·2	·329	·337	79	74	EbyN 1	NEbyN 1	10	10	—	Overcast, then fine.
11	29·89	·80	58·4	55·9	43·4	65·0	5·0	4·4	·347	·330	71	73	NNE 1	EbyN 1	5	0	—	Fine day. ∞ p.
12	·79	·71	53·2	55·2	45·4	64·3	3·2	2·9	·320	·355	79	82	NEbyE 2	EbyN 1	10	7	—	Cloudy day.
13	·68	·62	60·8	60·0	50·4	69·0	4·9	6·9	·383	·323	73	62	EbyN 1	EbyS 2	8	1	—	≋0 (mist) a. Fine day.
14	·57	·57	56·8	61·0	46·4	71·0	3·5	5·0	·362	·383	78	72	NEbyN 2	N 2	8	2	—	≋0 (mist) a. Fine day.
15	·63	·71	65·6	65·0	51·0	75·8	6·9	7·8	·403	·371	65	60	NbyE 1	EbyN 1	8	10	—	Fine day. ≋0 (mist).
16	·77	·85	70·7	62·8	55·7	76·5	8·5	3·0	·445	·471	59	83	Calm 0	WbyS 1	0	2	—	Fine day.
17	·95	·96	71·0	66·6	54·3	78·7	5·0	4·0	·360	·508	73	78	SW 1	Calm 0	4	0	—	Fine day. ≋0 (mist) 9p.
18	·96	·82	73·0	68·0	55·0	81·6	7·7	3·8	·512	·541	63	79	Calm 0	Calm 0	0	2	—	Fine day.
19	·67	·53	62·2	63·8	58·4	72·1	2·8	3·5	·465	·474	83	80	SWbyW 2	NEb.N 1	9	10	—	≋0 (mist) 9a.
20	·52	·47	59·0	56·0	54·1	65·5	5·0	3·0	·354	·365	71	81	ENE 1	SWbyS 1	9	10	—	≋0 (mist) 9a. Overcast.
21	·49	·41	56·7	54·0	53·4	62·2	4·9	2·0	·326	·360	70	86	NEbyE 1	Calm 0	10	4	—	≋0 (mist) 9a. Overcast.
22	29·23	29·04	59·6	53·0	47·9	62·5	5·1	1·0	·361	·374	71	93	SSW 1	SW 1	10	10	·220	Overcast. ● p.
23	28·87	28·88	53·5	51·6	48·4	59·3	2·9	2·2	·332	·325	81	85	WbyS 1	WNW 1	10	10	·275	● showers a. and p.
24	29·05	29·20	53·5	52·1	49·3	57·5	4·0	2·9	·305	·314	74	80	NWb.W 2	WbyS 3	10	10	·283	●0 a. ● showers p.
25	·31	·40	52·0	53·0	48·6	58·9	1·6	3·0	·345	·322	89	80	W 3	WbyS 1	10	9	·022	● showers a. Fine p.
26	·39	·51	58·0	60·0	48·4	66·5	5·0	5·1	·342	·367	71	71	SWbyS 1	SbyE 2	7	10	·610	Fine a. Overcast, with ●p.
27	·13	·12	64·5	61·8	55·4	69·9	4·0	3·7	·470	·432	78	79	SWb.W 3	ESE 2	9	4	·127	● showers a. Distant ☇ 9.30p.
28	·04	·17	61·0	55·0	54·4	65·0	3·7	1·0	·419	·403	79	93	SSW 5	SWbyS 2	10	10	·545	Squally, with ● showers.
29	·44	·68	57·0	53·5	53·3	60·0	2·5	2·5	·391	·340	84	83	WbyS 4	SSW 1	10	3	·040	● showers.
30	29·79	29·78	62·4	64·4	46·9	70·8	6·3	6·7	·371	·391	66	64	WbyS 1	ENE 1	3	0	—	Fine and clear. ≋0 (mist) 9p.
Mean	29·610	29·609	60·0	57·6	50·4	66·9	4·7	3·5	·380	·376	73·2	78·9	1·5	1·0	7·6	5·8	2·400	

HILLINGTON.—JUNE 1893.

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

1	29·90	29·88	56·9	44·5	36·3	62·4	3·1	0·8	·373	·275	81	94	N 2	NE 0·5	10	1	·010	— a. Plants blackened. ●0 2p. ◺2.
2	·84	·84	57·7	49·0	38·1	67·5	7·2	3·2	·288	·271	60	78	NE 3	SE 1	0	1	—	Very fine and sunny.
3	29·85	29·91	60·9	53·9	37·1	68·7	7·3	3·9	·325	·313	60	75	ESE 1	SE 1	4	5	—	Very fine and sunny.
4	30·02	30·09	62·1	54·9	47·3	74·5	6·6	1·2	·358	·396	65	93	SW 2	NW 0·5	6	8	·658	Very fine and sunny a. ☇ ●2 p.
5	·14	·24	57·0	50·0	49·1	67·2	3·3	0·7	·369	·343	79	95	WNW 1	NE 1	6	5	—	Fine and sunny. ◺ p.
6	·30	·28	57·1	57·5	49·7	71·5	4·3	2·5	·345	·400	74	84	SE 0·5	SE 0·5	7	10	—	Fine day.
7	·29	·26	65·0	52·4	51·9	74·3	6·7	2·2	·400	·335	65	85	SE 2	SE 1	0	2	—	Very fine and sunny.
8	·26	·22	52·2	49·8	48·4	64·6	2·2	1·1	·333	·329	85	92	E 1	E 2	10	5	—	Overcast, then fine.
9	·23	·23	54·5	51·2	45·7	57·5	1·8	0·6	·373	·361	88	96	NE 3	NE 2	10	10	—	Overcast all day, with cold wind.
10	·27	·24	56·5	52·0	50·3	63·5	4·8	1·3	·327	·353	71	91	NE 3	NE 1	10	7	—	Overcast.
11	·17	·09	53·7	52·0	47·2	57·4	2·9	2·0	·334	·335	81	86	NE 3	NE 2	10	10	—	Overcast and breezy. ◺ p.
12	30·04	30·00	56·3	52·1	50·5	65·4	1·7	0·6	·403	·373	89	96	NE 3	ESE 2	10	3	—	Overcast, then sunny. ◺ p.
13	29·94	29·89	69·6	52·0	49·2	75·5	8·8	1·3	·418	·353	57	91	ESE 4	ESE 4	1	0	—	Fine and sunny. ◺ p.
14	·81	·84	68·3	60·0	50·6	76·8	8·1	6·3	·415	·336	60	65	ESE 5	ENE 5	2	1	—	Fine, sunny, windy, and very dry.
15	29·89	29·98	65·0	52·9	52·9	73·4	5·7	0·6	·427	·384	70	96	ENE 3	NE 1	8	10	—	Cloudy and overcast. ∞ p.
16	30·05	30·11	68·9	62·5	51·1	79·3	7·2	2·9	·449	·467	63	83	E 2	NE 0·5	0	2	—	Wet ≋ early a. Very fine and sunny
17	·21	·24	73·9	60·1	49·0	84·2	11·3	10·3	·424	·254	50	49	NE 0·5	ENE 1	0	2	—	Very fine, sunny, and hot. [◺ p.
18	30·25	30·13	73·8	62·1	54·3	79·4	10·2	6·3	·451	·365	54	66	ENE 4	ESE 1	0	0	—	Very fine and sunny.
19	29·93	29·78	73·9	57·8	49·9	86·0	11·2	1·2	·425	·441	50	92	NE 0·5	NE 2	0	7	·060	Very fine and sunny. ☇2 ● p.
20	·79	·77	56·9	53·0	52·1	65·5	5·4	0·3	·317	·394	68	98	NE 3	NE 0·5	10	10	—	T 5a. Cloudy a. Cloudless 4p. ◺ p.
21	·78	·72	56·9	55·0	52·5	62·4	3·1	1·4	·373	·391	81	91	E 2	SE 2	10	10	—	Overcast all day.
22	·55	·34	61·5	58·2	50·5	71·6	2·9	5·5	·451	·331	83	69	SW 3	NW 1	10	10	·150	Cloudy day. ☇ ●0 3p. ● 11p.
23	·19	·19	55·0	52·9	51·2	65·4	1·4	4·2	·391	·294	91	73	W 2	W 5	10	10	·176	●0 a. ✓ p. ● 11p.
24	·22	·48	50·5	54·0	47·9	58·4	0·8	4·2	·346	·307	94	73	W 3	W 3	10	5	·145	●0 a. Cloudy day.
25	·59	·73	55·0	52·0	46·9	62·6	4·2	2·4	·321	·325	74	84	W 5	NW 0·5	9	2	—	Cloudy, with ✓ a.
26	·72	·68	60·0	59·7	42·0	70·5	6·3	5·0	·336	·365	65	71	SW 0·5	SW 1	8	10	·347	
27	·52	·54	66·9	63·0	55·3	78·3	4·2	1·7	·505	·514	77	90	SW 4	SW 3	10	9	·010	●2 early a. ● shower 7p.
28	·48	·61	65·0	58·9	55·5	74·4	5·4	5·9	·436	·331	71	66	SW 6	SW 4	8	1	—	✓ (gale) 1.30p.
29	29·76	29·97	62·3	57·8	56·0	66·5	5·6	4·2	·386	·358	70	76	WNW 4	NW 1	10	3	—	◺ p.
30	30·08	30·10	64·7	58·2	43·7	72·8	7·4	3·3	·378	·386	61	80	NW 0·5	SE 0·5	2	0	—	Very fine and sunny.
Mean	29·902	29·912	61·3	55·0	48·7	69·9	5·4	2·9	·383	·356	71·2	82·6	2·6	1·7	6·4	5·3	1·556	

CHURCHSTOKE.—JUNE 1893.

Height above Mean Sea Level, 538 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5′ W. Lat. 52° 31′ N. Gravity Correction, + ·018 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·44	29·38	58·0	47·3	33·4	64·3	9·0	2·4	·256	·270	53	83	NNW 2	NNW 2	4	5	—	Bright, with cool breeze.
2	·31	·31	62·6	57·4	38·4	68·7	7·8	3·4	·336	·373	59	79	SW 2	NW 1	4	10	—	Bright, warm, and close.
3	·33	·45	60·0	51·5	47·9	66·7	3·8	2·3	·401	·322	77	84	ENE 1	W 1	10	2	·038	Dull and close. T
4	·55	·67	58·0	55·3	42·9	63·7	3·0	2·3	·393	·371	81	85	SW 2	SW 2	8	10	·040	Breezy, with ● showers.
5	·70	·77	58·0	57·9	52·8	65·4	2·0	0·4	·421	·467	87	98	WSW 1	WSW 1	10	10	·010	Dull and close, with ● showers.
6	·77	·80	65·0	55·1	54·8	68·7	4·9	1·9	·451	·378	74	87	SW 2	NW 1	9	2	—	Clear and cool.
7	·79	·74	58·0	60·2	42·7	73·2	2·6	4·7	·404	·379	85	73	W 0·5	SSW 1	1	6	—	∞
8	·76	·71	55·9	56·9	49·0	71·9	1·3	4·5	·409	·338	92	72	W 1	N 1	10	0	—	≋0 (mist) early *a*. Clear and warm.
9	·77	·74	52·1	59·4	42·8	71·3	1·6	3·7	·346	·394	89	78	Calm 0	Calm 0	10	0	—	∞ ≋0 (mist).
10	·79	·72	52·4	53·3	48·1	70·3	1·8	1·9	·345	·355	88	87	SSE 2	SW 1	0	0	—	∞ ≋0 (mist) *a*. Dull and cool.
11	·66	·58	58·5	52·3	46·0	66·1	4·5	2·9	·360	·317	73	80	SE 2	W 1	8	4	—	Cloudy and cool.
12	·57	·45	48·0	53·9	39·5	61·9	2·5	2·9	·285	·336	83	81	E 2	SE 2	10	8	—	Dull and cold.
13	·42	·36	58·0	56·7	49·5	74·1	4·0	2·7	·366	·381	76	83	ESE 2	SW 2	5	4	·010	Cold wind. Distant T ● shower.
14	·33	·30	55·9	51·7	47·8	72·1	2·9	1·5	·364	·344	82	89	ESE 2	W 1	10	4	·090	Cold wind. K ● *4p.—5p.*
15	·41	·50	64·0	65·0	50·7	75·6	5·1	6·1	·427	·416	72	68	NW 1	NW 1	0	1	—	∞ ☽. Warm day.
16	·59	·66	69·0	63·7	50·0	79·3	6·1	1·8	·483	·526	68	89	Calm 0	N 1	0	0	—	∞
17	·74	·77	69·7	58·0	50·0	81·7	5·8	2·0	·507	·421	71	87	NNE 2	NW 1	0	0	—	∞
18	·76	·60	74·0	59·0	53·8	81·3	10·1	3·0	·457	·407	55	82	NW 1	E 1	0	0	—	☽. Bright, hot, and breezy.
19	·48	·34	71·8	59·0	53·5	79·9	8·1	4·0	·475	·379	61	76	NNW 2	NW 1	2	1	—	☽. Bright, hot, and breezy.
20	·31	·31	60·4	52·9	45·0	70·4	7·4	3·9	·317	·301	60	75	NW 1	NW 1	8	5	—	Bright.
21	·28	29·22	59·2	54·9	48·5	65·5	4·2	3·9	·377	·325	75	75	NW 1	NW 2	10	10	—	Cloudy and threatening.
22	29·04	28·83	59·8	52·9	51·5	62·5	6·3	1·4	·334	·362	66	91	E 1	SW 1	10	10	·280	Steady ● in evening.
23	28·77	28·85	54·9	47·9	47·0	58·3	4·4	2·0	·315	·285	73	86	W 2	SW 2	8	10	·040	Cool, with ●.
24	28·95	29·11	54·3	49·9	46·6	60·9	4·3	1·9	·308	·309	75	87	SW 2	SW 2	9	8	·055	
25	29·21	·24	53·3	47·7	47·5	61·1	3·5	1·8	·315	·287	77	87	W 3	W 1	10	8	—	Squally.
26	·21	29·07	61·2	56·7	40·0	67·4	7·2	1·7	·331	·410	61	89	SE 2	SE 2	6	10	·288	
27	29·02	28·95	65·0	59·0	56·0	70·9	6·1	2·0	·416	·436	68	88	SW 4	SW 3	10	8	·088	● showers.
28	28·92	29·13	62·5	54·8	54·5	64·4	4·1	1·8	·431	·377	76	88	SW 2	SW 4	9	10	·200	Squally, with ● showers.
29	29·35	·56	56·9	50·9	49·6	64·7	2·9	1·9	·379	·324	82	87	W 2	NW 1	10	0	—	
30	29·61	29·56	63·0	58·0	42·2	73·9	2·6	4·0	·485	·366	84	76	SE 2	SSE 1	4	0	—	Bright and fresh.
Mean	29·428	29·421	60·0	55·3	47·4	69·2	4·7	2·7	·383	·365	74·0	83·0	1·6	1·4	6·5	4·9	1·139	

CARMARTHEN.—JUNE 1893.

Height above Mean Sea Level, 188 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 4° 18′ W. Lat. 51° 52′ N. Gravity Correction, + ·018 in.

1	29·83	29·75	60·3	49·9	43·0	66·0	8·3	3·4	·296	·276	57	78	E 1	E 1	3	5	—	Fine day. ∞2
2	·68	·66	64·0	53·7	39·8	68·0	7·8	2·1	·357	·355	60	86	SW 1	W 1	2	0	—	Fine day. ∞
3	·71	29·83	66·8	52·0	43·3	68·7	11·8	2·1	·306	·333	46	85	Calm 0	Calm 0	0	0	—	Very fine. ∞
4	29·99	30·06	61·8	58·1	47·7	68·0	5·8	2·7	·374	·403	68	82	W 1	SW 2	9	10	·290	● from *9p.*
5	30·11	·15	59·8	56·7	54·0	66·4	1·3	1·1	·470	·427	92	93	W 2	W 1	10	3	—	● all past *n.*
6	·17	·18	63·0	58·8	49·3	66·5	5·7	3·2	·394	·399	69	81	S 1	W 1	4	10	—	≋ *n.* ∞ all day.
7	·15	·10	69·9	61·6	50·2	73·5	12·6	3·8	·330	·425	45	78	E 1	N 1	1	6	—	Fine day. ∞
8	·09	·07	72·9	61·1	54·1	77·3	10·9	6·5	·416	·348	51	65	Calm 0	Calm 0	0	0	—	Fine day. ∞2
9	·11	·09	70·4	57·8	49·1	76·5	11·2	3·9	·367	·366	50	77	Calm 0	Calm 0	0	0	—	Fine day. ∞
10	·13	30·07	66·6	59·8	49·0	74·0	7·3	3·4	·409	·410	63	79	Calm 0	Calm 0	0	0	—	∞2 all day.
11	30·01	29·93	69·9	59·8	50·1	70·3	9·1	4·4	·415	·382	56	74	E 1	SW 1	5	3	—	∞2
12	29·85	·80	62·1	55·7	46·4	67·0	7·7	3·3	·333	·352	60	79	E 2	Calm 0	4	0	—	∞2
13	·72	·68	66·5	56·5	49·1	75·8	8·5	2·1	·375	·396	58	86	E 1	E 1	5	4	·720	K ● *3p.* K2 ●2 [(·71 in.) *4p.—5.15p.*
14	·63	·66	66·6	62·6	54·6	75·0	7·6	5·3	·400	·399	62	71	E 1	Calm 0	7	4	—	K *4p.*
15	·76	29·87	75·9	61·8	57·8	80·1	13·3	3·6	·496	·434	45	79	Calm 0	Calm 0	0	2	—	Fine day. T *3p.* ∞
16	29·96	30·05	69·7	62·3	51·9	78·9	8·0	3·0	·441	·461	61	82	W 1	Calm 0	6	0	—	Very fine
17	30·09	30·08	78·4	68·0	56·0	84·9	11·4	5·3	·501	·509	52	71	Calm 0	E 1	0	0	·050	Very close. ● *3p.*
18	30·09	29·97	79·7	71·5	62·6	84·8	12·8	8·6	·483	·454	48	59	Calm 0	N 1	2	0	—	∞2 all day.
19	29·83	·70	80·9	63·1	57·0	84·6	12·9	4·8	·503	·421	47	73	Calm 0	E 1	0	0	—	∞2. Frequent T.
20	·70	·65	65·6	55·7	53·0	66·0	9·4	5·1	·343	·308	54	69	N 1	N 4	1	2	—	Fine, and much cooler.
21	·67	·61	62·8	51·9	51·8	66·6	8·4	2·5	·327	·322	58	84	N 2	NE 1	9	0	—	Fair.
22	·45	·27	65·0	56·7	47·9	67·6	9·3	3·1	·335	·370	54	81	SW 1	SW 1	6	10	·240	Fair, then cloudy. ● 11*p.*
23	·23	·26	51·7	51·9	50·0	60·5	2·1	2·7	·329	·317	86	82	W 2	W 2	10	8	·100	Cloudy day.
24	·38	·52	53·7	52·5	49·3	62·2	3·0	3·1	·333	·313	80	79	W 3	W 2	10	4	·010	●0 showers.
25	·64	·63	59·6	53·7	50·0	63·5	7·2	2·3	·311	·349	61	85	W 1	Calm 0	7	4	—	Fine day.
26	·56	·40	62·5	58·0	50·2	68·6	6·4	0·5	·367	·405	66	97	SE 1	SE 2	9	10	·980	● *p.*
27	·40	·31	63·8	61·0	57·7	69·0	2·5	1·7	·503	·479	86	90	SW 3	SW 5	10	10	·180	● showers.
28	·33	·58	60·5	54·9	54·5	62·7	2·8	1·4	·436	·389	84	92	SW 4	W 4	10	10	·080	Frequent ● showers.
29	·79	·92	62·5	56·7	54·4	67·0	6·3	3·6	·370	·357	66	78	W 2	NW 1	7	0	—	Fine day.
30	29·97	29·92	67·9	59·0	44·1	74·7	10·4	2·8	·352	·413	51	83	SE 1	Calm 0	0	5	—	Very fine.
Mean	29·801	29·791	66·0	58·1	50·9	71·2	8·1	3·4	·386	·388	61·2	79·9	1·1	1·1	4·6	3·7	2·650	

MARGATE.—JUNE 1893.

Height above Mean Sea Level, 83 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 24′ E. Lat. 51° 24′ N. Gravity Correction, + ·017 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·93	29·87	54·5	55·1	40·5	62·2	3·6	2·9	·328	·353	77	81	NNW 2	W 2	8	10	—	Dull day.
2	·86	·84	55·5	50·3	48·4	56·5	5·6	3·3	·294	·283	67	78	N 1	NE 2	3	2	—	Fine day.
3	29·85	29·94	57·8	50·1	49·6	59·8	4·2	1·5	·358	·323	76	89	NE 3	Calm 0	5	0	—	Fine day.
4	30·06	30·15	60·9	60·0	44·4	70·5	4·4	3·0	·399	·424	75	82	N 2	W 1	3	4	—	Distant K0 *5p.* Dust storm.
5	·16	·26	58·8	51·3	51·3	65·6	2·1	1·3	·430	·344	87	91	W 3	Calm 0	10	0	—	Fine day. ☽ *p.*
6	·32	·33	56·9	51·1	47·4	60·2	4·0	0·9	·351	·352	75	93	N 1	NE 1	9	0	—	Fine day.
7	·31	·26	57·7	53·1	49·0	60·7	2·5	1·1	·403	·373	84	92	NE 2	E 2	6	10	—	Fine day.
8	·24	·19	54·0	53·1	52·2	57·0	1·8	0·9	·366	·378	87	93	ENE 2	NE 3	10	2	—	Dull and cloudy.
9	·20	·22	55·2	53·1	49·4	59·0	3·3	0·3	·343	·396	79	98	NE 2	N 3	10	10	—	Dull day.
10	·23	·23	55·1	54·0	51·4	60·8	3·2	1·6	·345	·371	79	89	NNE 2	NE 2	10	10	—	Dull day.
11	·16	30·09	55·8	53·1	52·4	60·0	3·7	2·1	·343	·346	77	85	NE 2	NE 2	10	10	—	Fine day.
12	30·02	29·96	54·1	55·1	51·4	60·0	3·1	2·1	·335	·374	79	86	NE 1	NE 2	10	0	—	Fine afternoon.
13	29·92	·84	62·9	59·0	54·0	68·0	6·0	3·0	·385	·407	68	82	E 1	ENE 4	8	0	—	☽ *a.* Very fine sunset.
14	·78	·76	65·3	60·0	57·4	67·5	6·3	2·0	·416	·453	67	88	E 1	E 2	1	5	·010	●0
15	29·85	29·96	62·0	57·6	57·4	64·6	2·0	1·4	·487	·431	88	92	NE 2	NE 2	7	1	—	Fine day.
16	30·04	30·11	57·0	60·0	54·4	66·0	1·0	3·0	·434	·424	93	82	N 2	N 1	10	0	—	≋ *a.* Fine day. Pretty sunset.
17	·22	·13	68·5	60·1	53·4	71·0	7·5	3·2	·434	·419	62	81	N 1	NE 1	0	2	—	Very fine. Pretty sunset.
18	30·24	30·13	64·1	59·0	52·4	66·6	4·6	2·8	·444	·413	75	83	NE 1	NE 1	0	0	—	Very fine. Pretty sunset.
19	29·96	29·73	65·0	65·0	52·6	81·3	3·9	3·0	·498	·509	78	83	NE 1	N 1	0	8	·150	Very hot. K *8p.*
20	·76	·78	58·0	55·0	54·4	66·6	3·2	4·0	·386	·325	80	75	NE 2	NE 2	10	0	—	Dull day.
21	·81	·75	57·8	56·5	48·4	64·0	4·0	3·9	·364	·348	77	79	Calm 0	ENE 1	10	10	—	Dull day.
22	·61	·40	64·8	58·0	52·4	70·8	8·6	4·8	·349	·346	57	72	S 3	W 2	0	10	·070	Beautiful day.
23	·25	·31	57·4	54·1	53·4	66·0	1·4	0·4	·430	·407	91	97	SSW 4	SW 3	10	1	·220	☽ ● *a.*
24	·33	·57	53·3	53·1	48·5	61·1	2·9	2·1	·329	·346	80	85	W 4	SW 3	10	3	·060	Very dull.
25	·66	·79	59·0	56·3	47·5	65·0	6·0	3·3	·331	·360	66	79	W 3	SW 1	9	4	—	Red sunset.
26	·76	·73	58·4	58·5	48·5	64·1	3·2	1·6	·393	·441	80	89	W 2	Calm 0	10	10	—	Fine day.
27	·64	·62	63·1	62·8	57·4	69·9	2·4	1·7	·494	·511	85	90	SSW 4	SSW 1	10	4	—	Dull day.
28	·61	29·75	65·0	58·0	56·4	71·8	6·0	3·5	·419	·379	68	79	SW 3	SW 3	5	0	—	Fine day.
29	29·86	30·00	59·9	62·0	53·4	70·0	4·5	4·5	·381	·413	73	75	SW 3	Calm 0	10	6	—	Dull day.
30	30·11	30·10	64·0	63·6	52·4	69·0	5·5	8·5	·416	·335	70	57	WNW 1	W 1	0	0	—	Very fine.
Mean	29·923	29·926	59·4	56·6	51·4	65·2	4·0	2·6	·390	·386	76·7	84·0	2·0	1·6	6·8	4·1	0·510	

SOUTHAMPTON.—JUNE 1893.

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24′ W. Lat. 50° 55′ N. Gravity Correction, + ·016 in.

1	29·96	29·89	62·5	57·5	40·3	67·6	10·5	4·5	·276	·346	48	73	SSW 1·5	SW 2	1	10	—	Beautiful day.
2	·85	·83	59·2	56·5	53·1	67·5	4·6	2·4	·368	·387	73	85	E 1	SE 2	10	10	—	
3	29·86	29·97	59·2	58·7	46·2	70·1	5·3	4·0	·350	·376	70	76	SSE 1·5	W 1	8	9	—	Beautiful day.
4	30·12	30·24	68·7	58·7	49·1	74·6	9·1	4·6	·396	·361	56	73	NW 2	WNW 1·5	4	2	—	Beautiful day.
5	·24	·28	60·9	61·0	55·7	65·2	2·8	1·4	·443	·490	84	92	WNW 1·5	NW 2	10	10	·258	● 9*a*—11*p.*, then fine.
6	·30	·32	63·5	57·7	57·7	65·2	3·1	1·6	·480	·428	81	90	S 3	S 1	10	10	—	
7	·30	·26	66·5	57·4	52·8	69·6	5·9	2·5	·447	·398	69	84	SE 3	Calm 0	5	0	—	Beautiful day throughout.
8	·24	·19	65·5	58·9	47·5	74·3	7·4	4·3	·388	·371	62	74	NE 1·5	E 0·5	0	1	—	Beautiful day throughout.
9	·23	·21	60·3	60·0	47·9	72·7	6·3	4·3	·341	·387	65	75	NE 3	NE 1·5	1	0	—	Beautifully fine and warm.
10	·28	·25	57·7	55·4	50·8	70·6	4·1	2·5	·361	·368	76	84	NE 3	SE 1	9	0	—	Beautiful day with cool breeze.
11	·16	30·09	62·5	54·8	48·1	68·1	6·8	2·7	·360	·354	64	83	NE 3·5	SE 0·5	3	10	—	Beautiful day.
12	30·04	29·94	54·8	56·4	51·5	66·6	4·1	2·5	·321	·382	75	84	E 2·5	E 0·5	10	2	—	Dull *a.* Beautiful *p.*
13	29·87	·83	70·8	66·5	51·3	77·2	10·2	9·3	·401	·357	53	55	ESE 3·5	E 4	2	10	·005	Very warm, but with fresh breeze.
14	·77	·77	64·4	65·8	58·7	79·5	4·1	5·6	·464	·443	77	70	ENE 1	NE 0·1	10	1	—	Very warm and close.
15	29·84	29·97	72·2	66·0	56·6	83·6	7·7	4·0	·497	·496	62	78	NE 1·5	NE 0·1	7	8	—	*Very* warm all day. T2 *p.*
16	30·06	30·11	77·3	72·8	54·7	87·8	11·6	7·9	·476	·502	51	63	NE 2	NW 3	0	2	—	Very hot all day.
17	·21	·23	82·4	66·1	59·1	86·9	15·2	6·5	·466	·422	42	66	ESE 2	Calm 0	0	0	—	Very hot all day, but with pleasant breeze.
18	30·21	30·11	81·6	67·0	55·2	88·7	15·9	3·5	·432	·532	39	81	E 1·5	Calm 0	0	0	—	*Very* hot all day.
19	29·95	29·80	81·6	68·0	55·1	91·2	12·0	2·2	·547	·599	51	87	N 0·5	NNW 1·5	0	9	·040	*Very* hot all day. T 7*p.* then K2 ●.
20	·78	·79	60·3	58·9	58·7	70·5	1·9	2·5	·462	·420	88	84	NNE 2	E 1	10	0	—	
21	·80	·75	63·4	58·2	52·1	69·6	6·7	4·3	·375	·363	64	75	SW 2	SW 1·5	10	2	—	Dull *a.* Beautiful *p.*
22	·59	·44	62·4	60·8	49·5	72·5	5·6	3·4	·390	·425	69	80	NW 1·5	SW 1·5	8	10	·185	Beautiful day.
23	·30	·39	58·7	55·6	55·2	66·4	2·1	5·5	·429	·300	87	68	W 2	W 3	10	2	·003	Beautiful day from 9*a.*
24	·46	·66	58·4	55·4	50·3	63·4	4·8	3·5	·352	·344	72	78	NW 4	W 2	9	2	·013	● shower 1.30*p.*
25	·75	·83	62·5	58·4	48·7	69·1	7·4	3·7	·345	·380	61	78	NW 3	SW 3	7	10	·084	Beautiful day.
26	·70	·71	57·3	58·5	54·7	64·6	1·4	1·4	·427	·446	90	91	SE 3	SSE 4	10	10	·178	● till 7.30*a.* Beautiful day. ● from 7*p.*
27	·61	·63	62·9	58·9	58·1	64·4	0·9	1·1	·542	·462	95	94	SW 4	SSW 4	10	10	·260	●2 early *a.* ● showers.
28	·61	29·78	64·6	58·7	58·6	69·5	4·7	2·9	·450	·406	75	82	SW 4·5	SW 3·5	9	1	—	Beautiful day, with fresh breeze.
29	29·92	30·06	60·5	58·6	54·9	70·0	3·6	3·5	·414	·388	79	79	W 3	WNW 1	10	0	—	Dull *a.* Beautiful *p.*
30	30·12	30·07	69·0	62·5	48·2	74·5	10·2	4·1	·372	·432	52	76	SE 1	SE 0·5	1	0	—	Delightfully fine and warm.
Mean	29·937	29·946	65·1	60·3	52·7	72·7	6·5	3·7	·412	·412	67·7	78·6	2·3	1·6	6·1	4·7	1·026	

PLYMOUTH.—JUNE 1893.

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 74 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 4° 8′ W. Lat. 50° 22′ N. Gravity Correction, + ·015 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·84	29·78	58·0	55·3	**43·5**	61·1	2·1	1·4	·419	·397	87	90	SSE	S	6	4	—	≋9 (mist) 9a. Fine, clear and sunny.
2	·72	·69	60·0	55·0	45·5	62·5	2·7	2·1	·431	·373	83	86	SSW	SSE	1	0	—	Fine, clear, and sunny. ≋9 (mist) 9p.
3	29·73	29·88	60·5	55·9	46·5	61·2	2·7	1·8	·441	·396	83	89	SE	NW	1	5	—	≋9 (mist) 9a.
4	30·02	30·14	64·0	58·3	48·7	68·1	4·2	2·2	·456	·420	76	86	WNW	WNW	8	4	—	Fine and clear all day.
5	·16	·19	63·0	58·5	54·4	69·0	3·2	2·1	·467	·427	81	87	NW	N by W	9	6	—	Fine and clear.
6	·19	·18	63·5	59·2	49·9	69·5	4·2	2·3	·446	·431	77	86	NNW	NW	5	8	—	Fine, clear, and sunny.
7	·17	·11	67·4	59·2	50·4	68·3	5·6	2·3	·472	·431	70	86	SE	NNE	2	3	—	Fine, clear, and sunny. ≋9 (mist) 9p.
8	·10	·06	67·4	61·2	51·9	68·8	5·0	4·2	·489	·409	73	75	SE	N	0	0	—	Fine, clear, and sunny. ≋9 (mist) 9p.
9	·09	·10	67·4	56·2	49·9	70·0	5·1	1·3	·487	·413	72	91	ESE	Calm	0	1	—	Fine, clear, and sunny.
10	·13	30·09	59·5	55·5	49·9	63·4	2·6	1·6	·427	·394	84	89	ESE	SE	0	1	—	≋9 (mist) 9a. Fine, clear, and sunny.
11	30·02	29·92	60·0	57·0	51·2	62·3	2·7	2·3	·431	·396	84	85	ESE	E by N	9	9	—	Clear afternoon.
12	29·87	·79	60·0	54·5	51·9	61·8	3·2	1·6	·419	·379	81	89	ESE	E by N	7	4	—	≋9 (mist) 9p.
13	·70	·67	64·5	60·8	53·4	69·8	3·2	2·6	·494	·447	81	84	E	ESE	8	9	—	≋9 (mist) 9a.
14	·62	·67	69·4	60·0	55·8	70·0	4·1	1·2	·560	·479	78	92	E by S	S	4	1	—	≋9 (mist) 9a. Fine day.
15	·76	29·90	71·4	61·4	54·7	74·6	5·1	2·7	·566	·456	74	83	W	NW	0	4	—	Fine and sunny. T in E. ≋9 (mist)
16	29·97	30·05	68·9	62·5	57·6	77·1	6·1	1·7	·483	·505	69	89	WNW	NW	0	2	—	Fine, clear, and sunny. [9p.
17	30·07	30·08	75·9	68·0	58·2	81·1	7·0	10·1	·598	·361	66	**53**	Calm	ENE	0	0	—	Fine, sunny, and very warm. ≋9
18	30·08	29·96	77·0	69·4	61·8	81·9	9·1	8·6	·548	·421	59	59	NE	ENE	0	0	—	Fine, sunny, and very warm. [(mist).
19	29·83	·69	80·3	70·9	61·5	**84·5**	8·9	5·1	·626	·556	61	74	SE	WNW	1	2	—	Fine, sunny, and very warm.
20	·68	·67	69·9	58·0	58·0	72·5	5·1	5·1	·535	·340	73	71	N	NNW	0	0	—	≋9 (mist) 9a. Fine and sunny, but
21	·69	·63	64·0	57·3	51·9	68·9	6·2	6·9	·399	·289	67	61	N	NNW	1	1	—	Fine, clear, and sunny. [cooler.
22	·51	·36	61·0	60·0	52·0	69·5	3·2	1·7	·434	·462	81	89	SE	WNW	9	8	·030	● 9.
23	·28	·36	58·5	53·0	51·9	62·9	4·1	1·6	·371	·358	76	89	NW	NW	8	6	·040	⸋ ● 9.
24	·45	·61	56·0	53·8	51·4	63·9	2·1	2·2	·388	·353	86	85	WNW	NW	10	2	·103	⸋ ● 9.
25	·70	·68	61·0	58·2	51·4	64·0	6·1	1·2	·357	·449	66	92	WNW	SW	7	10	·120	● 9.
26	·54	·53	58·0	59·2	52·6	61·9	1·1	0·0	·449	·503	93	100	E by N	SSE	10	10	**·330**	Overcast all day, with ● 9.
27	·48	·44	62·5	60·0	59·0	63·1	0·7	0·7	·541	·494	95	95	SSW	SW	7	10	·200	● 9.
28	·49	·69	62·5	57·8	57·0	65·0	3·2	1·7	·459	·427	81	88	SW	W	6	2	·015	● 9.
29	·85	·96	60·5	57·5	55·4	66·9	3·7	3·1	·411	·382	79	81	WNW	WNW	9	0	—	Fine and sunny.
30	29·97	29·92	65·0	61·0	46·5	70·2	4·2	2·7	·472	·453	77	83	SE	E	0	6	—	Fine and sunny.
Mean	29·823	29·827	64·6	59·2	52·8	68·5	4·2	2·8	·469	·420	77·1	83·6	—	—	4·3	3·9	0·838	

LONDONDERRY.—JUNE 1893.

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

1	29·96	29·87	57·7	52·7	49·0	65·0	5·0	3·0	·338	·320	71	80	NW 1	Calm 0	10	10	—	
2	·78	·69	57·6	55·1	49·0	65·6	4·9	3·4	·339	·341	72	78	NE 1	SE 1	10	9	—	
3	·73	29·82	60·3	52·7	51·0	69·9	7·1	1·3	·323	·362	62	91	SW 2	Calm 0	10	4	·370	● 2 6p.—7p.
4	29·95	30·09	58·7	54·5	48·5	63·0	3·3	1·2	·395	·390	79	92	SW 3	SW 2	4	10	·130	● 9 during day.
5	30·16	·18	59·1	59·7	53·0	65·0	1·5	0·5	·454	·496	91	97	SE 1	Calm 0	10	10	·040	● 9 during day.
6	·15	·27	60·7	54·7	53·6	64·0	2·9	1·5	·438	·385	83	90	SW 1	SW 1	10	0	·190	● 9a.—3p. Fine evening.
7	·32	·31	66·2	53·9	47·7	73·8	6·4	1·5	·426	·373	66	90	E 1	SW 1	5	4	—	Fine day.
8	·29	·28	62·2	58·0	48·4	72·2	3·9	1·5	·433	·436	78	90	E 1	Calm 0	0	10	—	Fine and warm all day.
9	·30	·31	65·4	54·9	51·0	73·5	5·6	1·2	·435	·397	70	93	Calm 0	N 1	0	3	—	Fine day.
10	·29	·22	66·3	59·7	47·0	78·0	9·7	2·0	·345	·449	**53**	88	NE 1	Calm 0	0	2	—	Fine day. ∞ ≋9 (mist).
11	·15	30·08	69·7	58·2	51·6	79·0	7·5	1·5	·455	·439	63	90	Calm 0	Calm 0	0	0	·370	⚲ ● 2 3p.—6p.
12	30·03	29·95	71·5	59·7	49·5	77·3	9·5	3·7	·431	·399	55	78	Calm 0	E 1	3	0	—	Fine day.
13	29·94	·87	69·5	60·0	50·6	77·6	4·4	2·6	·550	·435	76	84	E 2	E 1	7	0	—	Fine day.
14	·81	·79	62·5	62·4	53·0	80·0	3·9	4·4	·437	·422	77	75	E 2	E 1	9	0	—	Fine day.
15	29·87	29·93	72·9	65·3	56·0	77·2	9·1	4·6	·467	·465	57	75	S 2	SW 1	8	10	·060	
16	30·00	30·15	63·7	63·9	59·5	76·2	1·2	2·5	·547	·507	93	85	SW 1	SW 1	10	10	—	
17	·26	·31	68·6	62·7	61·8	**82·0**	4·1	2·4	·542	·488	78	86	NW 1	E 1	10	10	—	
18	·29	30·18	62·7	61·8	57·0	81·0	2·6	2·1	·481	·482	85	87	NE 1	E 1	10	0	—	
19	30·07	29·97	63·0	55·2	51·5	69·0	1·5	4·3	·523	·322	91	74	NW 2	NW 1	10	9	—	
20	29·91	·86	57·7	55·2	51·5	61·4	6·0	3·5	·314	·340	66	78	NW 2	NE 1	10	10	—	
21	·84	·73	58·1	56·7	53·0	68·0	5·3	4·0	·336	·349	69	75	NE 1	NW 1	10	10	—	
22	·54	·46	58·2	50·6	48·0	62·0	5·9	3·3	·323	·287	67	78	WSW 2	N 3	10	5	·050	
23	·42	·45	52·2	52·8	46·8	58·0	3·1	3·1	·311	·319	80	79	N 2	NW 3	9	10	—	
24	·52	·60	54·9	51·7	49·4	61·0	5·2	3·0	·296	·308	69	80	NW 2	NW 3	7	6	·080	● showers.
25	·69	·70	54·7	52·0	48·8	61·2	4·8	2·3	·302	·328	71	84	W 3	E 1	10	1	—	Fine during day.
26	·67	·44	60·2	55·2	**42·0**	69·2	7·8	2·2	·306	·373	59	86	WSW 2	E 2	4	10	·140	● from 6p.
27	·27	·18	64·6	58·1	52·5	74·5	4·2	0·8	·465	·458	77	94	SW 2	S 3	9	10	**·390**	● showers. T ● 2 1p. ● 2 7p.—9p.
28	·19	29·49	60·5	57·0	55·0	68·0	2·6	2·3	·443	·397	84	85	SSW 2	NW 4	10	10	·240	● showers. T 2p.
29	29·79	30·00	58·9	55·7	52·8	64·0	5·0	3·0	·354	·361	71	81	NW 4	Calm 0	7	0	—	Fine day.
30	30·02	29·98	68·2	59·2	45·2	76·5	9·3	4·3	·383	·375	56	75	SW 2	SE 2	1	7	—	Fine day.
Mean	29·906	29·904	62·2	57·0	51·1	70·4	5·1	2·6	·406	·393	72·3	83·9	1·6	1·2	7·1	6·0	2·660	

ARMAGH.—JUNE 1893.

Height above Mean Sea Level, 196 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 39′ W. Lat. 54° 21′ N. Gravity Correction, + ·025 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·81	29·72	57·0	52·9	43·6	61·2	5·8	2·6	·309	·331	66	83	NNE 0·5	ENE 1	8	10	—	
2	·64	·58	58·9	54·8	45·7	64·0	6·9	2·4	·309	·362	61	85	SE 0·5	SSE 2	0	7	—	
3	·63	·72	57·3	50·8	50·7	63·1	5·5	1·4	·320	·336	68	90	SSW 1	SSW 1	10	8	·184	T 5p.
4	29·85	29·96	58·0	56·2	48·7	63·4	5·3	2·5	·335	·380	70	84	SW 1	SW 1	8	10	·282	
5	30·04	30·08	57·6	60·1	53·0	62·0	0·7	1·2	·454	·481	95	92	Calm 0	SSW 1	10	10	·038	
6	·04	·13	61·0	55·8	55·1	62·9	3·9	0·2	·413	·440	78	98	SSW 1	Calm 0	10	9	·097	≋ from 9p.
7	·18	·15	62·2	55·9	49·9	68·8	4·0	0·9	·430	·420	77	94	NE 0·5	Calm 0	0	6	—	
8	·13	·12	61·7	56·8	48·3	69·0	2·7	0·8	·460	·437	84	94	NE 0·5	NE 0·5	10	0	—	
9	·14	·14	62·0	54·7	50·1	70·9	2·7	1·8	·465	·377	84	88	NE 1	NNE 0·5	4	4	—	T 3·30p.
10	·15	30·09	61·8	56·9	47·0	74·8	4·1	2·1	·421	·400	77	87	NNE 0·5	SE 0·5	5	7	—	
11	30·02	29·95	63·2	57·8	46·9	70·0	5·2	3·1	·412	·389	71	81	SE 1	Calm 0	5	4	—	
12	29·91	·83	65·0	55·2	45·3	69·5	7·3	2·4	·384	·368	62	85	SE 0·5	SE 0·5	0	3	—	
13	·80	·72	55·8	57·4	47·9	66·1	2·0	3·0	·389	·384	87	81	E 1	ESE 2	10	4	—	
14	·67	·67	63·7	60·0	52·1	71·9	4·4	3·9	·444	·398	75	77	ESE 1	SE 1	8	7	—	
15	·76	29·83	67·4	65·2	53·2	73·8	6·4	4·2	·448	·475	66	77	S 1	Calm 0	3	9	—	
16	29·90	30·04	64·7	62·1	57·9	71·7	2·6	2·2	·518	·483	85	86	SW 1	Calm 0	10	10	—	
17	30·13	·16	68·6	60·5	58·0	76·5	5·0	0·6	·512	·507	73	96	Calm 0	NE 1	10	8	—	
18	30·13	30·04	71·0	61·8	55·9	**77·6**	6·5	2·0	·510	·485	67	88	NE 0·5	NE 1	0	10	—	
19	29·91	29·82	66·8	51·2	51·0	71·7	4·8	1·9	·486	·328	74	87	NW 0·5	N 0·5	10	4	—	
20	·76	·70	56·7	54·2	**43·1**	61·0	5·8	2·4	·307	·353	67	84	N 1	NNW 0·5	10	10	—	
21	·68	·59	61·9	55·2	49·2	65·8	8·1	3·2	·320	·347	**57**	80	N 1	Calm 0	8	9	—	
22	·41	·29	58·1	48·1	47·9	60·9	5·2	2·3	·339	·280	70	84	WNW 1	NNW 1	10	4	—	
23	·24	·29	54·0	51·3	44·3	57·9	4·3	3·0	·303	·303	73	80	N 1	NNW 1	9	9	·014	
24	·36	·48	57·1	49·2	48·3	61·5	3·9	1·1	·355	·322	76	93	NNW 1	NW 1	7	8	·098	
25	·56	·57	55·7	52·6	47·6	64·9	4·8	2·8	·318	·323	71	81	WNW 1	Calm 0	10	8	—	
26	·53	·30	58·0	52·0	46·0	64·0	5·8	0·1	·323	·385	67	99	NE 0·5	E 2	7	10	·205	
27	·18	·07	64·9	59·9	51·3	68·8	4·7	1·9	·454	·454	74	89	SSW 1	S 2	9	10	·170	
28	·07	·34	62·4	57·4	54·8	64·5	3·0	0·5	·463	·457	82	97	WSW 0·5	NW 1	10	10	**·505**	⚲ in afternoon.
29	·69	·88	56·6	54·0	53·4	65·5	4·0	3·0	·347	·334	76	80	W 0·5	Calm 0	10	0	—	
30	29·91	29·87	64·8	56·0	43·5	68·7	6·8	3·1	·393	·363	64	80	SSE 2	SE 1	2	7	—	
Mean	29·775	29·770	61·1	55·9	49·7	67·1	4·7	2·1	·398	·390	73·2	86·7	0·8	0·8	7·1	7·2	1·593	

MARKREE CASTLE (SLIGO).—JUNE 1893.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27′ W. Lat. 54° 11′ N. Gravity Correction, + ·024 in.

1	29·90	29·78	55·2	52·0	46·5	60·0	5·4	1·6	·297	·345	68	89	NNW 0·5	NNE 0·5	10	10	—	Overcast all day.
2	·67	·58	59·0	57·9	39·4	64·4	3·3	2·9	·399	·394	80	82	SSE 1	SSE 2	9	10	—	
3	·66	29·77	61·2	51·4	50·3	65·0	6·2	2·1	·356	·326	66	86	S 2	SSE 0·5	7	10	·140	
4	29·91	30·04	56·8	54·0	47·1	60·8	3·8	1·1	·354	·385	76	92	SSW 1	SSE 0·5	10	10	·390	
5	30·10	·13	60·2	58·2	52·4	65·0	0·5	1·1	·505	·451	97	93	SSW 0·5	SSW 1	10	10	·180	Overcast all day.
6	·10	·20	57·3	56·0	55·1	66·4	1·3	1·4	·430	·408	91	91	SSE 0·5	NNE 0·5	10	9	·140	
7	·23	·20	64·9	59·9	43·3	72·9	4·9	2·7	·448	·430	73	84	N 0·5	Calm 0	8	10	—	
8	·20	·18	64·8	59·4	49·0	73·0	6·2	3·2	·410	·408	67	81	Calm 0	SSW 0·5	9	10	·010	⚲ 6.30p.
9	·20	·20	68·8	58·0	51·3	74·2	5·8	3·0	·489	·393	69	81	ENE 0·5	E 1	8	7	—	T 2p.
10	·21	30·14	65·9	55·6	49·2	72·2	5·8	1·1	·438	·411	69	93	ENE 1	NNW 0·5	8	9	—	
11	30·07	29·99	65·7	56·8	47·6	74·1	5·7	2·2	·456	·397	69	86	SE 1	SSE 2	7	7	·380	∞ 9a. ⚲ 2 ● 2 shower in afternoon.
12	29·95	·87	66·2	57·9	44·0	70·6	9·2	3·9	·354	·369	**55**	76	ESE 2	SE 1	7	8	—	
13	·84	·77	64·0	55·0	43·7	67·1	4·0	1·7	·461	·383	77	89	SSE 1	Calm 0	9	6	—	
14	·71	·71	67·3	59·0	43·8	73·8	6·0	2·2	·458	·430	69	87	SSE 1	Calm 0	8	6	—	
15	·82	29·89	61·8	61·3	52·4	69·7	2·1	2·2	·482	·469	87	87	SE 0·5	SSW 2	10	9	—	
16	29·96	30·10	65·8	63·2	58·5	69·5	3·3	1·3	·516	·534	82	92	SSW 1	SE 0·5	10	10	—	Overcast all day.
17	30·20	·22	67·2	60·5	56·2	**77·0**	3·9	1·1	·523	·490	79	93	E 0·5	NNW 2	9	10	—	
18	·20	30·10	71·1	61·1	58·7	75·0	4·2	1·1	·591	·501	78	93	Calm 0	E 0·5	9	4	—	
19	30·00	29·91	66·8	55·0	54·2	69·1	2·9	3·0	·550	·349	84	81	NW 1	NW 2	8	6	—	
20	29·87	·81	58·0	56·0	47·3	62·0	6·0	4·7	·318	·324	66	72	NE 2	NE 1	8	10	—	
21	·78	·69	57·4	51·9	51·1	63·3	4·8	2·2	·337	·329	71	86	NNE 2	Calm 0	9	5	—	
22	·50	·43	57·9	51·0	43·9	60·9	2·9	3·8	·394	·281	82	75	ENE 0·5	NNE 3	10	7	·050	
23	·41	·44	51·9	50·4	46·9	57·4	2·1	2·8	·331	·296	87	82	W 3	NNE 2	9	10	·130	
24	·51	·61	55·8	50·6	49·0	57·7	5·6	2·2	·301	·313	67	85	NNW 2	N 3	9	10	·130	
25	·67	·65	57·0	48·2	47·9	59·9	4·9	1·2	·329	·307	71	92	NW 2	Calm 0	8	7	—	
26	·59	·26	59·8	54·8	44·9	65·0	7·8	1·5	·301	·387	59	90	NE 0·5	SE 3	8	10	·200	
27	·20	·10	62·0	57·3	53·7	69·8	1·9	1·1	·490	·436	89	92	S	SE 1	8	9	**·420**	
28	·15	·52	61·0	55·4	52·3	63·1	2·0	0·3	·470	·430	88	98	SSW 0·5	NNE 2	10	10	·370	
29	·80	·94	58·1	51·2	51·0	62·0	5·1	1·0	·341	·350	70	93	NW 2	Calm 0	9	5	—	
30	29·94	29·89	63·1	57·1	**38·9**	69·3	7·1	3·7	·360	·360	63	77	SSE 2	SE 0·5	7	8	—	
Mean	29·845	29·837	61·8	55·9	49·0	67·0	4·5	2·1	·416	·390	75·0	86·6	1·1	1·1	8·7	8·4	2·540	

DUBLIN (PHŒNIX PARK).—JUNE 1893.

Height above Mean Sea Level, 155 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 21′ W. Lat. 53° 22′ N. Gravity Correction, + ·022 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·89	29·80	55·7	46·3	45·3	59·0	2·6	1·3	·371	·285	84	91	Calm 0	Calm 0	8	4	—	
2	·70	·67	59·7	55·1	39·0	63·3	5·2	4·4	·360	·317	70	73	Calm 0	Calm 0	1	5	—	
3	·72	29·81	57·4	51·0	45·1	65·0	4·2	1·9	·352	·326	74	87	Calm 0	Calm 0	8	1	·060	
4	29·94	30·06	58·3	56·4	40·4	65·5	4·7	2·2	·353	·391	72	86	W 1	W 1	9	8	·290	
5	30·11	·15	59·1	59·9	53·7	64·2	1·1	1·4	·466	·471	93	92	Calm 0	Calm 0	10	8	·230	Dull, with ● 0.
6	·14	·19	61·0	55·2	53·5	64·5	3·6	1·4	·422	·395	79	91	W 1	Calm 0	8	4	·040	Cloudy, with ● showers.
7	·23	·19	55·8	52·7	44·8	62·2	1·2	1·7	·411	·351	92	88	Calm 0	Calm 0	9	2	—	Cloudy till 2.30p., then clear.
8	·18	·17	63·7	56·9	42·9	71·0	3·6	1·5	·466	·418	79	91	Calm 0	Calm 0	2	1	—	Beautiful day.
9	·19	·18	64·6	54·2	44·0	69·5	4·0	2·1	·472	·361	78	86	Calm 0	Calm 0	1	1	—	Beautiful day.
10	·20	30·15	61·9	53·3	46·0	67·2	2·4	1·8	·474	·357	86	88	Calm 0	Calm 0	4	1	—	Beautiful day.
11	30·06	29·99	64·5	50·8	47·9	70·0	3·9	1·5	·473	·333	78	89	Calm 0	Calm 0	1	1	—	Beautiful day.
12	29·96	·87	60·8	50·2	43·0	64·2	4·4	2·6	·396	·298	75	83	SE 1	Calm 0	1	2	—	Beautiful day. ≋0 p.
13	·82	·76	62·7	55·5	42·8	64·6	4·4	1·8	·427	·390	75	88	Calm 0	Calm 0	2	2	—	≋0 a. Beautiful day.
14	·71	·74	66·5	56·7	50·8	68·5	6·0	2·1	·444	·398	69	87	E 1	Calm 0	4	2	—	
15	29·83	29·89	68·1	59·9	47·3	73·6	5·9	2·4	·475	·440	69	86	Calm 0	Calm 0	6	5	—	
16	30·00	30·10	68·6	65·5	56·1	71·2	5·4	2·9	·499	·523	71	83	W 1	Calm 0	6	8	—	
17	·20	·21	68·3	58·9	57·9	72·8	4·3	1·7	·529	·443	76	89	Calm 0	Calm 0	8	0	—	Cloudy till 3p., then clear.
18	30·20	30·06	70·6	59·4	50·2	75·1	6·0	3·4	·520	·402	69	80	Calm 0	Calm 0	1	2	—	Beautiful day.
19	29·97	29·85	68·3	59·4	51·3	76·4	5·6	2·5	·488	·428	71	85	NE 1	Calm 0	4	1	—	Beautiful day.
20	·82	·75	57·0	56·8	44·5	65·1	5·5	3·4	·316	·364	68	78	N 1	Calm 0	5	8	—	
21	·75	·64	58·4	51·5	49·7	65·5	5·6	2·3	·333	·321	68	84	NNW 1	Calm 0	8	2	·020	Cloudy day.
22	·49	·34	56·7	52·0	48·6	62·2	4·0	2·3	·349	·328	75	84	Calm 0	N 1	8	9	·250	Cloudy, with ● 0 showers.
23	·31	·34	53·2	51·2	45·3	59·8	5·3	3·6	·273	·288	68	77	NW 2	NW 1	8	6	·075	
24	·44	·56	55·4	51·0	47·5	62·0	5·3	3·3	·301	·292	69	78	NW 1	Calm 0	8	2	·100	● 0 showers.
25	·64	·62	57·2	51·6	49·0	63·1	4·9	2·2	·332	·325	71	85	NW 1	Calm 0	4	2	·010	● 0 11p.
26	·59	·35	61·5	56·2	44·8	64·9	5·0	1·8	·391	·399	72	88	ESE 1	SE 2	6	10	·570	Cloudy a. Dull, with ● 0 showers p.
27	·28	·18	64·7	61·5	55·3	68·4	4·8	3·8	·449	·424	74	78	SW 2	SW 1	9	8	·060	Cloudy, with ● 0 showers.
28	·18	·48	62·1	58·4	56·4	64·8	3·4	1·8	·446	·433	80	89	SW 2	W 1	4	9	·300	Cloudy, with ● showers.
29	·79	·92	59·3	52·2	51·3	65·7	5·5	2·2	·346	·332	69	85	W 2	Calm 0	4	0	—	
30	29·97	29·95	66·0	55·2	42·2	69·2	6·6	3·3	·417	·345	66	79	S 1	Calm 0	1	5	—	Beautiful day.
Mean	29·843	29·832	61·6	55·2	47·9	66·6	4·5	2·4	·412	·373	74·7	84·9	0·7	0·2	5·3	4·0	2·005	

PARSONSTOWN (BIRR CASTLE).—JUNE 1893.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar.,—2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 inches.
Long. 7° 55′ W. Lat. 53° 6′ N. Gravity Correction, + ·021 in.

1	29·87	29·77	56·2	52·7	48·8	61·8	0·3	1·8	·443	·349	98	88	NW 1	NE 1	9	3	—	Fine and warm.
2	·65	·60	60·7	55·7	48·3	66·7	5·3	1·8	·371	·393	70	88	SE 1	SE 1	3	5	—	Fine and bright.
3	·62	29·79	58·7	53·7	49·8	64·7	3·8	1·8	·381	·362	77	88	SW 1	S 1	6	10	—	Dull day.
4	29·92	30·06	56·2	55·7	48·9	63·2	0·8	0·8	·428	·422	95	95	SW 1	Calm 0	10	10	·175	Dull, with ● 2.
5	30·11	·14	59·7	59·2	54·9	64·7	1·0	2·9	·480	·414	94	83	Calm 0	SW 1	10	10	—	Dull a. Cloudy day.
6	·10	·18	59·7	55·7	51·9	65·2	2·9	1·9	·422	·390	83	88	SW 1	Calm 0	10	5	—	Dull a. Bright p.
7	·20	·15	61·7	59·7	43·9	70·7	0·9	1·9	·519	·452	95	89	Calm 0	SE 1	6	4	—	Fine and bright.
8	·15	·13	65·7	62·7	47·9	73·7	4·9	2·9	·463	·472	73	83	Calm 0	Calm 0	2	9	—	Fine and bright.
9	·15	·15	71·7	57·7	48·6	73·7	10·8	0·6	·400	·457	52	96	SE 1	Calm 0	0	10	1·245	Fine a. Dull and warm, with ▲ ☈ p.
10	·17	30·10	65·7	59·7	49·8	75·7	3·8	0·8	·497	·487	79	95	Calm 0	Calm 0	10	10	—	Fine and warm.
11	30·03	29·96	66·7	61·7	46·8	74·7	4·3	0·8	·500	·523	76	95	SE 1	NE 1	10	0	—	Fine and warm.
12	29·91	·83	65·9	54·7	45·8	73·7	1·2	0·8	·592	·406	93	95	SE 1	Calm 0	5	4	—	Fine and warm.
13	·78	·72	67·7	60·7	43·8	70·7	3·8	1·8	·552	·472	84	89	SE 2	NE 1	3	6	—	Fine and bright.
14	·66	·71	67·7	60·7	51·8	74·7	3·8	2·8	·536	·441	79	83	SE 1	Calm 0	5	2	—	Fine and warm.
15	·80	29·88	63·7	63·2	50·8	72·7	2·3	2·3	·510	·500	86	86	Calm 0	Calm 0	8	9	—	Fine and bright.
16	29·07	30·09	64·7	63·7	50·8	72·5	2·8	1·8	·512	·527	84	89	SW 1	Calm 0	10	6	—	Fine and warm.
17	30·19	·17	66·7	64·7	58·8	72·2	3·8	1·8	·517	·546	79	89	Calm 0	Calm 0	8	6	—	Fine and warm.
18	30·17	30·04	70·7	67·7	53·8	79·7	6·0	2·3	·521	·589	69	86	NE 1	Calm 0	0	0	—	Fine and bright.
19	29·96	29·83	70·2	62·7	55·8	75·2	5·1	1·9	·542	·504	73	89	Calm 0	NNW 1	4	8	—	Fine and warm.
20	·83	·78	57·7	54·7	46·3	76·7	5·0	2·8	·338	·351	71	81	NW 1	NW 1	6	2	—	Fine, but cool.
21	·75	·66	56·7	55·7	48·8	65·7	3·8	0·8	·354	·422	76	95	NW 1	NW 1	10	9	—	Fine day. Evening dull.
22	·50	·36	58·2	54·7	43·8	63·7	3·8	2·9	·374	·349	77	81	NW 1	NNW 1	8	6	·140	
23	·37	·41	53·7	49·5	43·3	58·7	2·8	1·6	·337	·314	81	89	W 2	NW 1	4	6	·205	Cool, with ● showers.
24	·49	·60	54·7	58·7	44·8	60·7	3·8	7·8	·326	·288	76	58	NW 1	W 1	8	4	·120	Dull, with ●.
25	·68	·62	56·7	55·7	48·8	65·2	3·8	2·8	·354	·366	76	82	SW 1	NW 1	10	6	—	Fine and bright.
26	·55	·20	60·7	58·7	44·8	64·7	4·8	0·8	·384	·468	73	95	Calm 0	SW 1	4	10	·380	Dull, with ●.
27	·22	·10	66·7	59·7	55·8	69·5	3·8	0·8	·517	·487	79	95	N 1	SW 1	6	10	·310	Dull, with ●.
28	·18	·52	57·7	55·7	54·8	59·7	0·8	0·6	·453	·426	95	96	SW 1	SW 2	9	10	·050	● 2 a. Dull, with ●.
29	·81	·91	58·7	55·7	50·8	66·7	2·8	0·8	·409	·422	82	95	SW 2	Calm 0	6	8	—	Fine and warm.
30	29·94	29·88	63·7	55·7	45·8	69·7	3·3	0·2	·478	·438	80	99	SE 1	SE 1	4	2	—	Fine and bright.
Mean	29·824	29·811	62·2	58·2	49·3	68·9	3·5	1·8	·450	·435	80·1	88·7	0·8	0·6	6·5	6·3	2·625	

DEERNESS.—JULY 1893.

Height above Mean Sea Level, 169 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45′ W. Lat. 58° 56′ N. Gravity Correction, + ·036 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·97	29·93	53·0	52·2	50·0	56·8	0·9	0·9	·377	·366	94	94	SE 5	SE 5	10	10	—	
2	29·92	29·99	52·8	56·0	51·0	65·1	0·0	0·7	·400	·428	100	95	SSE 2	NNW 2	10	9	—	≋ a. Fine day.
3	30·04	30·07	58·0	50·7	50·0	64·8	0·7	0·0	·460	·370	95	100	N 1	Calm 0	9	10	—	☾ ≋0 (mist) p. ≋ 9p.
4	30·03	29·98	53·1	53·0	50·0	55·2	0·9	1·4	·379	·363	93	90	E 1	E 2	10	10	—	
5	29·96	·96	54·2	53·0	52·0	55·8	2·4	1·6	·353	·358	84	89	E 3	E 3	10	9	—	
6	·93	·87	54·1	52·8	49·0	56·1	2·5	1·0	·349	·372	83	93	SE 4	SE 4	10	10	—	Overcast all day.
7	·76	·68	54·1	54·0	51·1	57·8	0·8	1·0	·396	·388	94	93	SE 4	SE 4	10	4	—	
8	·66	·63	59·0	55·0	53·0	61·4	2·7	0·6	·416	·415	84	96	SE 3	E 2	4	8	—	
9	·50	·55	60·4	55·0	53·6	60·8	4·4	0·8	·390	·409	74	94	ENE 6	E 4	0	1	—	
10	·66	·72	58·8	55·0	53·8	61·8	2·6	1·0	·416	·403	84	93	SE 4	ESE 3	6	10	—	Cir. in clusters of all shapes a.
11	·72	·70	56·0	55·0	53·7	58·8	1·0	1·2	·419	·397	93	92	E 3	ENE 2	10	9	—	
12	·68	·61	53·0	50·7	50·0	55·8	2·0	2·7	·347	·302	86	82	NE 3	NNE 3	10	10	—	
13	·56	·61	50·2	51·0	48·3	56·0	1·1	4·7	·335	·261	93	70	N	N 4	10	9	—	Cold dry wind.
14	·70	·75	51·0	50·2	49·6	54·0	4·0	4·0	·276	·267	74	74	N 4	NNW 3	10	10	—	Very dry.
15	·72	·68	55·7	54·0	47·5	60·3	2·7	1·9	·369	·363	83	87	NW 1	N 1	9	10	—	
16	·60	·53	56·8	53·6	50·5	60·8	3·2	1·3	·370	·375	80	91	WSW 2	SE 2	9	5	—	
17	·42	·63	52·2	53·4	51·5	57·8	0·6	0·4	·374	·397	96	97	Calm 0	NE 2	10	10	·260	● from 8.30a.
18	·70	·50	58·4	53·7	47·8	58·8	4·2	2·5	·367	·343	75	83	SE 1	SE 4	3	6	·770	● 2.
19	29·16	·03	53·7	55·8	51·4	58·8	0·1	0·6	·410	·428	99	95	ESE 4	SE 1	10	9	·420	● 2.
20	28·96	·04	58·7	52·5	52·0	64·8	1·0	0·7	·462	·376	94	95	WSW 1	W 4	10	8	·060	
21	29·22	·35	54·8	52·4	50·3	59·1	3·2	2·7	·343	·324	80	82	WSW 7	SW 5	9	4	·080	
22	·44	·64	52·2	52·0	48·7	56·0	2·2	3·0	·332	·310	85	80	W 5	W 5	10	8	—	
23	·73	·70	57·0	54·0	49·5	60·8	4·4	2·9	·341	·337	73	81	WNW 5	SE 5	4	8	·350	≋
24	·41	·30	56·0	54·6	52·0	61·8	0·0	1·4	·449	·386	100	90	S 2	Calm 0	10	5	·250	≋. ● 2 showers. Red sunset.
25	·28	·35	55·0	52·3	51·4	55·3	1·3	0·3	·305	·384	91	98	WNW 3	NW 4	10	10	·550	
26	·59	29·85	53·5	50·0	49·0	56·0	1·5	2·0	·367	·309	89	86	NNW 6	NNW 4	10	8	·050	Overcast all day.
27	·98	30·05	51·1	50·1	47·0	54·0	3·1	2·1	·298	·308	79	85	NW 1	SE 1	10	4	—	
28	·94	29·82	54·7	54·0	48·0	59·1	1·7	0·8	·379	·394	89	94	SE 3	W 4	7	9	·110	
29	·69	·62	54·9	51·1	50·0	61·8	1·2	1·1	·397	·347	93	92	WSW 3	W 1	9	10	·110	"Sun-dog."
30	·61	·64	56·0	52·0	49·0	57·4	3·3	2·0	·358	·335	79	86	NW 3	NW 2	9	9	·030	
31	29·65	29·69	52·8	50·4	49·0	53·8	3·4	3·9	·310	·272	77	75	NNW 6	NW 4	10	10	—	Overcast all day.
Mean	29·651	29·660	54·9	52·9	50·3	58·6	2·0	1·7	·375	·358	86·9	88·8	3·2	2·9	8·6	8·1	3·040	

DUNROBIN CASTLE.—JULY 1893.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56′ W. Lat. 57° 59′ N. Gravity Correction, + ·034 in.

1	30·11	30·05	62·5	56·3	52·1	65·2	5·0	2·3	·407	·387	72	85	E	E	—	—	—	Warm, clear, and breezy.
2	·08	·16	63·0	59·5	52·1	66·2	4·5	2·5	·429	·429	75	85	SE	SE	—	—	—	Warm day. ∞0.
3	·21	·23	60·5	57·0	53·1	63·2	2·5	2·0	·446	·405	85	87	SE	E	—	—	—	Warm day. ∞0.
4	·18	·13	55·5	54·5	50·1	57·9	1·5	1·2	·397	·390	90	92	E	E	—	—	—	Dull day. ∞0.
5	·11	·08	55·5	54·7	54·1	56·4	3·0	2·4	·357	·360	81	84	E	E	—	—	—	Dull day.
6	30·08	30·00	54·3	58·5	54·3	59·4	1·8	1·5	·371	·443	88	90	E	E	—	—	—	Dull day. ∞0.
7	29·90	29·81	61·7	56·5	51·1	68·4	2·7	4·5	·460	·333	84	72	E	E	—	—	·100	Dull and warm a. ● 2 showers p.
8	·78	·73	60·5	59·0	56·1	68·4	2·8	1·5	·437	·452	83	91	SE	E	—	—	·240	Breezy a. ☈. ● p.
9	·61	·68	60·3	58·0	55·4	61·9	3·3	1·5	·419	·436	80	90	E	E	—	—	—	Breezy a.
10	·79	·85	61·0	59·3	56·4	64·4	4·0	2·3	·410	·432	77	86	E	E	—	—	—	Breezy a.
11	·84	·82	60·3	57·0	55·6	60·9	2·3	2·0	·449	·405	86	87	E	NE	—	—	—	Dull and breezy.
12	·80	·78	57·0	54·5	52·6	57·2	3·5	4·5	·364	·306	78	72	E	E	—	—	—	Dull day.
13	·78	·86	54·0	53·7	50·1	58·2	7·5	4·2	·239	·303	57	73	E	N	—	—	·030	Dull day. ● 0 showers.
14	·92	·95	54·5	53·5	49·6	57·6	5·5	5·0	·284	·283	67	69	NE	NE	—	—	—	Dull day.
15	·92	·88	55·5	54·5	49·1	61·9	3·8	3·8	·338	·323	76	76	NW	W	—	—	·030	Dull day.
16	·81	·68	58·5	57·3	52·6	60·9	4·8	2·3	·354	·401	72	85	SW	SW	—	—	·300	Dull day. ● showers.
17	·59	·76	56·5	53·5	49·8	58·4	3·5	1·2	·358	·376	78	91	W	N	—	—	·520	Dull day. ● showers.
18	·89	·62	58·5	56·3	48·8	59·2	3·5	1·8	·386	·401	78	88	SE	E	—	—	·670	Fine a. Dull, with ● showers p.
19	·37	·23	57·5	57·5	54·4	61·9	2·5	2·0	·399	·414	84	87	SE	E	—	—	·440	● showers a. Fair p.
20	·17	·37	59·3	54·5	53·1	63·4	3·8	4·0	·391	·318	77	75	SW	W	—	—	·040	Fine and clear.
21	·47	·59	57·5	55·5	50·8	61·4	7·5	6·5	·279	·277	59	62	W	W	—	—	·010	Fine day. Breezy p.
22	·69	·91	54·5	53·0	47·6	60·6	6·0	4·7	·274	·284	65	71	W	W	—	—	·050	Dull a. ● showers p.
23	·97	·84	58·5	58·3	49·6	63·9	3·5	4·3	·386	·363	78	74	W	NE	—	—	·040	Fine a. Dull p.
24	·62	·51	63·5	52·5	52·1	63·5	4·2	2·0	·446	·341	76	87	W	W	—	—	·380	● 2 showers.
25	·48	29·63	56·5	56·5	50·6	62·9	0·5	4·5	·441	·333	96	72	NW	NW	—	—	·020	Fine day.
26	29·78	30·08	55·7	52·5	51·8	57·9	2·4	4·2	·376	·289	85	73	W	W	—	—	—	Dull day.
27	30·17	·19	53·3	53·5	47·6	57·9	4·6	3·0	·289	·329	71	80	E	NE	—	—	·020	
28	30·12	30·03	55·5	57·3	51·1	63·6	1·8	2·6	·390	·394	88	83	W	W	—	—	—	Dull p.
29	29·84	29·83	56·5	54·0	54·0	64·4	1·8	4·0	·404	·310	88	74	W	W	—	—	·090	Fine day.
30	·82	·86	59·3	52·5	49·6	61·6	3·8	3·8	·391	·298	77	75	W	W	—	—	·030	Dull, with ● showers.
31	29·85	29·91	58·3	52·5	52·1	58·6	3·3	5·5	·389	·261	79	66	W	W	—	—	—	Dull and mild.
Mean	29·829	29·840	57·9	55·6	51·9	61·5	3·6	3·1	·379	·357	78·4	80·1	—	—	—	—	3·010	

BRAEMAR.—JULY 1893.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches.
Long. 3° 24′ W. Lat. 57° 0′ N. Gravity Correction, + ·030 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	28·92	28·90	62·8	58·5	42·2	70·0	5·1	3·2	·409	·394	72	80	SW 2	S 0·5	6	8	—	Fine day.
2	28·88	28·94	63·7	60·5	48·5	72·3	4·5	1·2	·441	·487	74	93	SE 0·5	SE 0·5	6	8	·300	Fine day. T 8p. ● showers n.
3	29·00	29·00	56·5	57·3	55·5	62·6	1·0	2·8	·427	·388	94	82	SE 0·5	E 0·5	8	8	—	Mild, dull, and cloudy.
4	28·97	28·91	54·2	52·7	52·2	62·7	1·7	1·5	·372	·356	89	89	E 0·5	E 0·5	10	8	—	≋0 (mist) 9a. Dull and calm.
5	·88	·97	53·5	57·3	47·3	68·0	2·3	2·8	·345	·388	84	82	NE 0·5	E 0·5	8	10	—	Fine day. ≋0 (mist) 9p.
6	·96	·82	56·7	59·5	43·3	68·0	2·0	5·0	·401	·362	87	71	SW 0·5	SW 0·5	4	0	—	Fine day.
7	·74	·66	61·5	62·6	51·3	74·0	3·3	4·2	·439	·431	80	76	SW 0·5	S 0·5	7	9	—	
8	·63	·56	62·5	56·5	50·0	72·0	6·0	0·7	·380	·436	68	96	NE 0·5	NE 0·5	7	9	·390	Fair a. ⚢ ● 3p.—8p.
9	·41	·47	56·9	56·5	54·2	60·8	0·6	3·0	·445	·371	96	81	E 0·5	SE 0·5	10	8	·050	≋0 (mist) 9a. Dull, with ● showers.
10	·58	·64	59·5	55·5	52·6	62·8	4·3	2·0	·379	·384	74	87	SE 0·5	E 0·5	8	7	—	Fine day.
11	·63	·62	59·5	55·3	50·3	64·0	3·0	2·1	·416	·378	82	86	NE 1	NE 1	7	8	·150	● showers.
12	·61	·58	53·7	50·5	49·7	57·3	1·2	2·8	·379	·297	92	81	NE 2	NE 0·5	9	8	·050	Dull, with ● showers.
13	·54	·60	51·7	49·8	47·2	58·3	3·4	3·3	·298	·278	78	79	NE 0·5	N 1	8	8	·010	Fine a. ● p.
14	·69	·74	50·5	50·7	45·0	58·0	4·0	3·8	·271	·277	74	75	NE 2	N 0·5	7	8	—	Fine day.
15	·76	·70	52·3	52·5	46·7	57·0	4·6	1·8	·278	·346	71	88	NW 0·5	NW 0·5	8	10	·130	Fine a. ● showers p.
16	·63	·54	56·5	52·8	48·0	60·3	3·8	1·6	·351	·355	76	88	NW 0·5	SW 0·5	8	10	·430	Dull, with ● showers.
17	·47	·61	50·7	50·5	47·2	54·3	3·4	3·2	·286	·288	78	79	SW 1	N 1	8	9	·050	Dull, with ● showers.
18	·69	·49	57·5	50·8	45·3	62·0	4·2	2·1	·354	·319	75	86	S 0·5	SW 0·5	7	10	·720	Fair a. ● p.
19	·23	·11	57·7	54·3	48·2	65·0	2·5	1·1	·403	·390	84	92	SW 1	SW 0·5	8	8	·150	Fair a. ● p.
20	·09	·20	54·2	49·5	48·3	60·0	2·7	1·7	·345	·311	82	89	SW 0·5	SW 0·5	8	8	·040	Fair a. ● p.
21	·34	·46	51·2	51·5	47·0	58·0	4·1	4·0	·276	·283	74	74	W 2	SW 0·5	8	7	·020	Fair a. ● 0 showers p.
22	·54	·74	52·7	50·5	45·0	59·2	4·0	4·0	·296	·271	74	74	SW 1	NW 0·5	8	4	·010	Fair a. ● 0 showers p.
23	·79	·67	58·5	58·7	45·0	65·7	6·7	4·4	·309	·366	63	74	SW 0·5	SW 0·5	3	8	·040	Fair a. ● 0 showers p.
24	·49	·37	60·7	49·2	48·8	64·3	7·4	1·9	·321	·303	60	87	W 0·5	SW 0·5	6	6	·050	Fair a. ● 0 showers p.
25	·33	·43	54·8	54·2	47·8	62·3	5·1	2·7	·297	·345	70	82	SW 0·5	NW 0·5	8	7	·150	Fair a. ● 0 showers p.
26	·59	·84	51·8	50·8	48·0	58·6	2·0	2·3	·333	·314	87	85	NW 0·5	NW 0·5	10	7	·020	● 0 showers.
27	·95	·99	53·5	52·5	43·8	65·4	5·3	3·0	·276	·317	67	80	NW 0·5	SE 0·5	7	7	·020	Fine day.
28	·95	·89	51·8	52·7	45·4	63·3	2·0	3·2	·333	·315	87	79	S 0·5	W 0·5	8	7	·040	Fine day.
29	·73	·65	54·7	56·2	49·2	61·0	3·2	5·7	·341	·304	79	67	SW 0·5	SW 0·5	7	7	·070	Fine day.
30	·64	·68	56·7	49·6	46·0	59·0	6·0	1·9	·302	·308	66	87	NW 2	NW 3	8	8	·250	Dull, with ● showers.
31	28·63	28·71	53·3	49·6	47·7	58·6	3·1	4·1	·323	·260	79	73	NW 0·5	E 0·5	8	8	·020	● showers.
Mean	28·654	28·660	55·9	53·8	48·0	62·7	3·6	2·8	·349	·343	77·9	82·0	0·8	0·6	7·5	7·7	3·160	

LAUDALE.—JULY 1893.

Height above Mean Sea Level, 14 feet. Heights above Ground:—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 41′ W. Lat. 56° 41′ N. Gravity Correction, + ·031 in.

1	30·03	29·99	68·9	66·8	55·3	76·9	7·9	7·7	·430	·402	60	61	SE 4	S 2	2	7	·110	Fine day. Sultry p. ● 2n.
2	·09	30·15	63·7	58·9	56·9	69·2	2·8	1·8	·494	·440	83	89	Calm 0	Calm 0	4	7	—	Fine sunset.
3	·18	·17	62·1	58·4	53·9	67·2	3·8	3·3	·435	·391	78	80	Calm 0	Calm 0	10	5	—	Very fine and warm.
4	·09	30·02	62·9	60·1	50·3	69·2	5·3	2·0	·405	·455	70	88	ESE 2	Calm 0	10	10	—	Dull day. ≋0 (mist) 9p.
5	30·00	29·95	64·1	59·1	55·3	74·1	5·2	2·6	·427	·421	72	84	E 1	Calm 0	3	0	—	∞ a. Day fine and warm.
6	29·94	·93	68·1	65·8	55·7	70·2	9·0	4·7	·389	·470	56	75	Calm 0	Calm 0	10	10	—	Dull and oppressive.
7	·80	·83	70·7	71·2	59·9	75·3	9·2	8·1	·426	·465	56	60	Calm 0	SE 3	5	9	·150	Dull and sultry. ⚢2 from 10p.
8	·68	·60	70·1	64·1	60·9	74·3	8·3	2·0	·439	·527	60	88	SE 2	Calm 0	4	10	·680	⚢2 till 2a. ⚢2 noon—3p. ▲2 1p.
9	·46	·51	59·5	57·6	54·0	67·7	0·9	3·1	·480	·385	95	81	ESE 2	SSE 5	10	9	·170	Dull, with ●2 showers. ⚡ (gale).
10	·69	·74	60·8	60·5	54·0	64·6	4·0	3·7	·407	·411	78	79	SE 3	SSE 2	8	8	·280	Cloudy a. ● showers p.
11	·65	·73	61·6	60·3	54·2	70·6	4·5	4·7	·406	·382	75	73	SSE 1	SE 2	9	8	—	T 3p.—5p.
12	·73	·82	64·9	58·4	53·1	66·9	11·3	5·0	·292	·347	47	71	E 2	ENE 1	6	6	—	Fine warm day.
13	·85	·80	58·8	53·2	49·7	60·3	1·1	3·3	·461	·318	94	78	Calm 0	N 2	10	4	—	Cloudy day. Cold night.
14	·92	·94	53·2	52·8	49·8	59·7	3·1	2·9	·323	·324	80	80	N 1	N 2	10	4	—	Cloudy and cold. ⚡ during day.
15	·92	·88	57·0	56·0	47·0	64·0	5·0	3·5	·327	·353	70	78	Calm 0	Calm 0	6	9	·060	
16	·81	·70	56·9	55·2	46·6	62·6	3·2	3·8	·370	·333	80	76	Calm 0	NW 4	10	10	·430	●2 showers p. T p., then very cold.
17	·70	·73	56·4	52·9	50·5	59·7	5·0	1·0	·321	·372	70	93	W 4	NW 7	9	9	·140	●2 showers all day.
18	·83	·52	56·0	55·7	50·3	60·0	2·0	1·5	·391	·401	87	90	E 2	E 9	10	10	·540	Dull and close a. ●2 ⚡2 p.
19	·31	·17	62·1	58·1	52·3	61·8	3·4	3·6	·446	·379	80	78	SW 2	S 1	10	10	·480	●2 showers all day.
20	·25	·44	55·1	52·6	50·0	63·3	2·9	2·4	·353	·332	81	83	W 4	NW 3	10	9	·740	● showers a. ⚡2 (force 11) ●2
21	·54	·64	55·6	52·0	50·0	58·9	4·3	1·9	·327	·338	74	87	NW 3	Calm 0	7	10	·140	● showers. [1.30p.—5p.
22	·76	·96	55·1	53·1	49·8	60·7	3·5	3·1	·338	·321	78	79	NW 3	N 1	7	2	—	≋0 (mist) a.
23	·95	·90	60·8	63·1	44·3	69·5	6·0	7·1	·357	·360	67	63	NE 3	SW 4	4	10	·060	Squally a. Much cirrus.
24	·63	·49	59·0	57·2	55·0	64·9	2·2	1·2	·430	·431	87	92	SW 1	SW 3	10	10	·510	Dull and squally. ● showers.
25	·54	29·59	56·1	56·1	52·2	64·0	1·2	2·0	·415	·393	91	87	NW 3	NW 3	9	10	·020	≋0 (mist). ● showers.
26	29·77	30·14	56·9	57·9	52·8	61·9	3·8	5·0	·355	·341	77	71	NW 5	NNW 1	9	1	—	Fine and warm.
27	30·13	·13	57·9	56·9	43·0	64·7	5·0	3·0	·341	·375	71	81	NNW 1	Calm 0	1	10	·020	Fine a. Dull p. ≋0 (mist).
28	30·11	30·10	58·4	57·1	53·0	65·0	1·7	1·4	·436	·424	89	90	S 3	W 3	10	10	·580	Squally a. and p. ⌒
29	29·97	29·83	55·3	56·1	53·2	60·9	1·6	2·1	·392	·390	89	86	NW 3	WNW 2	10	9	·080	● showers all day.
30	·88	·91	58·4	54·1	50·9	60·9	4·1	2·1	·370	·359	76	85	WNW 5	NNW 5	7	5	·030	Squally ⚡ ● showers a.
31	29·91	29·94	55·9	53·1	50·8	57·9	4·0	2·1	·340	·346	75	85	NW 3	NW 2	9	10	·040	
Mean	29·809	29·814	60·1	57·9	52·1	65·4	4·4	3·3	·391	·387	75·7	80·4	2·0	2·2	7·7	7·8	5·260	

DUNDEE.—JULY 1893.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 9 inches. Rain-gauge, 1 foot.
Long. 2° 56′ W. Lat. 56° 28′ N. Gravity Correction, + ·030 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·98	29·93	53·4	53·9	51·6	55·7	0·3	0·4	·401	·495	98	98	SE 2	SE 2	10	10	—	Dull day. ≋
2	29·94	29·97	59·7	57·7	51·9	71·7	1·2	0·7	·474	·455	93	95	SE 1	SE 1	10	10	·130	Dull till 11a.
3	30·01	30·04	61·0	53·5	53·2	63·0	1·1	0·2	·500	·495	93	98	SE 1	SE 2	10	10	·—	Dull day.
4	29·99	29·92	55·0	52·7	52·4	57·8	0·9	0·6	·406	·381	94	96	SE 1	E 2	10	10	·020	Dull day.
5	·91	·95	53·9	52·5	50·9	58·6	1·4	0·5	·376	·381	91	96	E 2	E 1	10	10	—	Dull day.
6	·94	·88	60·5	53·0	50·4	65·0	3·8	0·5	·410	·389	78	97	SE 1	E 2	5	10	—	Dull from 1p.
7	·79	·68	54·9	55·9	52·6	68·7	0·9	1·2	·404	·413	94	93	SE 1	E 2	10	10	—	Dull till 10a. and from 5p.
8	·62	·50	60·3	57·7	55·0	71·9	2·7	0·2	·437	·471	84	99	SE 2	NE 4	10	10	·880	T ●0 1.30p.—8.30p.
9	·37	·45	58·0	56·5	55·7	63·9	0·2	0·5	·476	·441	99	96	E 4	SE 1	10	10	·080	● showers n. till 9a. and 4p.—8p.
10	·60	·65	65·9	55·2	54·2	67·3	4·4	0·2	·481	·430	76	99	SE 1	NE 1	5	10	·280	⚢ ● 1p.—2p. ● showers till 6p.
11	·62	·60	60·7	58·6	53·1	68·5	1·5	1·6	·481	·442	91	90	NE 2	NE 1	10	10	·040	Dull day.
12	·57	·56	58·0	53·5	53·2	59·4	1·3	0·5	·442	·395	91	96	NE 6	SE 1	10	10	·070	● showers n. and till 6p.
13	·55	·62	54·6	53·5	50·3	61·1	2·9	2·8	·347	·334	81	81	NE 1	NW 2	10	10	—	Dull day.
14	·70	·76	55·8	53·9	48·7	62·8	5·0	0·9	·313	·389	70	94	N 2	SW 1	5	10	—	Dull day.
15	·76	·72	58·4	57·0	49·9	63·7	4·8	1·3	·352	·425	72	91	NW 1	W 1	5	10	—	Dull day.
16	·64	·54	65·5	55·5	51·0	69·1	4·9	0·2	·459	·435	73	98	SW 1	SW 1	5	10	·450	⚢ ● showers 11a.—7.30p.
17	·48	·58	54·7	54·5	48·5	61·2	1·9	3·3	·374	·334	88	78	NW 1	NW 2	10	10	·100	● 8.50a.—9.30p.
18	·72	·50	62·7	52·4	47·6	69·6	4·6	0·5	·421	·379	74	96	S 1	SE 1	5	10	·610	● from 5.30p.
19	·23	·10	61·5	57·3	51·7	70·7	1·9	0·4	·483	·458	89	97	SW 4	SW 2	10	7	·170	● n. and 4.30p.—8.30p.
20	·10	·21	59·3	54·7	52·8	65·7	3·8	3·1	·391	·344	77	80	SW 6	W 8	10	10	—	Cloudy, with stormy ⚡ (gale at times).
21	·40	·49	60·2	55·6	48·9	66·7	5·7	3·1	·355	·357	68	80	W 4	NW 2	5	5	—	Fine and fresh.
22	·55	·76	59·1	54·0	50·2	67·1	5·6	2·9	·341	·337	69	81	NW 2	NW 2	5	5	—	Cloudy and fresh 10a.—6p. ● showers
23	·82	·70	60·5	57·7	44·8	71·2	5·5	0·2	·363	·471	69	99	SW 1	SE 1	7	10	·070	Fine till 6p., then dull. [10a.—noon.
24	·47	·37	66·5	54·7	54·7	70·9	4·0	1·3	·506	·391	78	92	SW 2	W 2	7	7	·020	● n. Cloudy day. ● showers p.
25	·35	·43	56·1	56·8	48·0	69·9	2·2	3·1	·387	·372	85	80	W 2	NW 4	10	10	·280	T ●2 1p.—1.45p. ● showers till 7p.
26	29·58	29·87	59·5	53·0	51·5	65·1	4·0	2·8	·388	·327	76	81	NW 1	NE 1	10	5	·010	●0 showers till 11a. Dull till 2p.
27	30·01	30·06	59·7	51·7	47·4	65·7	5·5	1·3	·352	·349	68	91	SE 1	SE 1	10	5	—	Cloudy till 10a., then fine.
28	30·01	29·91	53·3	56·6	46·5	66·7	1·1	2·1	·376	·397	92	86	SE 1	NW 1	10	5	·050	Dull day.
29	29·77	·67	59·0	56·0	51·8	66·7	2·0	3·2	·436	·360	88	80	W 1	W 2	10	5	—	Dull till 2p.
30	·66	·67	58·8	54·0	48·8	65·4	4·8	1·4	·357	·377	72	90	NW 2	NE 1	5	10	·130	● showers from 2p.
31	29·67	29·73	57·5	52·5	50·2	64·5	5·8	2·8	·316	·322	67	81	NW 4	N 1	5	7	·030	Cloudy day. ● 1p.
Mean	29·670	29·671	58·8	54·9	50·9	65·7	3·1	1·4	·407	·392	81·9	90·6	2·0	1·8	8·2	8·7	3·420	

GLASGOW.—JULY 1893.

Height above Mean Sea Level, 180 feet. Heights above Ground:—Bar., 4 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 4° 18′ W. Lat. 55° 53′ N. Gravity Correction, + ·029 in.

1	29·91	29·87	59·8	58·3	52·4	75·2	3·3	2·1	·412	·423	80	86	E 2	NE 2	3	7	—	Fine day.
2	29·92	·95	60·9	60·7	54·6	75·7	2·8	2·6	·443	·446	84	85	NE 1	W 1	10	1	—	Fine and clear.
3	30·00	·99	61·9	57·9	54·3	67·7	3·2	2·5	·450	·406	81	84	E 1	E 1	10	7	—	
4	29·95	·86	55·9	55·8	54·0	67·8	2·0	2·6	·391	·373	87	83	E 3	E 2	10	10	—	Dull and overcast.
5	·86	·90	54·3	53·9	51·9	62·9	2·5	2·0	·352	·359	83	87	E 3	E 2	10	10	—	
6	·86	·79	60·0	57·4	51·8	66·0	5·3	2·5	·362	·398	70	84	E 2	E 2	4	10	—	
7	·70	·60	64·3	67·7	55·2	77·9	4·8	4·6	·442	·508	74	75	E 1	E 2	3	10	·010	⚢
8	·53	·44	63·9	61·2	55·7	70·2	4·5	1·6	·444	·487	74	91	E 1	E 3	3	10	·475	⚢ ●2.
9	·26	·41	60·2	57·2	56·9	65·3	0·9	2·8	·492	·386	95	82	E 2	E 1	7	10	—	●2 early a.
10	·54	·57	60·9	58·8	55·9	70·1	4·0	2·1	·409	·431	77	87	SE 1	E 1	10	6	·012	Cloudy day. ● shower in evening.
11	·56	·56	64·8	58·6	55·1	69·4	5·0	2·3	·445	·422	73	86	NE 2	E 1	3	9	—	Fine day.
12	·55	·54	60·3	57·1	54·7	60·8	3·8	4·0	·405	·353	78	76	NE 1	E 1	9	10	·080	● shower a.
13	·54	·59	53·8	56·9	51·3	58·8	1·8	4·0	·363	·351	87	75	E 1	NE 1	10	10	—	Dull and overcast.
14	·70	·74	57·2	56·0	49·6	64·1	7·6	3·8	·274	·345	58	76	N 1	NE 1	8	10	—	Fine day. Evening overcast.
15	·75	·69	57·6	56·3	52·6	62·0	6·1	3·2	·311	·364	66	80	NE 2	SW 1	10	6	—	
16	·64	·55	55·7	54·9	49·7	65·3	2·9	0·7	·364	·410	82	95	W 1	SW 1	10	10	·250	● in evening.
17	·52	·64	58·7	53·6	50·9	61·2	5·9	3·9	·330	·308	66	75	W 3	W 2	7	5	·020	Cloudy, with ● showers.
18	·71	·41	59·2	53·4	51·9	61·3	4·3	0·9	·375	·383	75	94	W 1	E 1	10	10	·965	Dull and overcast. ●2.
19	·23	·07	59·0	58·8	52·9	65·9	1·1	2·6	·464	·416	93	84	SW 2	SW 2	10	8	·041	Overcast and cloudy, with ●2.
20	·15	·30	58·0	52·9	52·8	61·7	5·1	2·6	·351	·331	79	83	W 3	W 3	8	5	·004	Cloudy and squally. ●0 shower p.
21	·43	·49	56·4	53·8	50·1	64·0	4·9	2·4	·324	·348	71	84	SW 2	W 1	8	10	—	Overcast evening.
22	·60	·81	57·8	51·3	48·2	61·3	5·9	2·7	·319	·310	67	82	W 2	SW 1	6	0	—	Clear evening.
23	·80	·67	58·4	62·1	44·1	68·6	5·3	2·1	·340	·486	70	87	E 1	SW 1	7	10	—	
24	·51	·39	63·7	53·5	53·4	63·7	6·2	2·3	·393	·345	67	84	SW 2	W 2	8	8	·630	Cloudy, with ●0 showers.
25	·35	·48	55·7	54·2	51·7	62·3	1·7	2·0	·393	·364	88	86	W 1	SW 1	5	7	—	Cloudy day.
26	29·62	29·85	59·4	58·9	51·7	64·0	5·0	6·7	·360	·314	71	62	NW 2	E 1	8	9	—	
27	30·00	30·02	57·3	55·3	47·8	67·9	4·6	2·3	·341	·372	73	85	NE 1	SW 1	10	7	—	Fine day.
28	29·98	29·95	56·2	53·8	50·4	63·1	2·9	2·3	·370	·351	82	85	NE 1	W 1	10	10	·108	
29	·80	·69	56·1	53·9	53·3	60·9	1·1	0·9	·418	·389	92	94	SW 2	W 2	10	10	·020	Dull and overcast. ● shower in
30	·67	·69	58·7	53·7	49·3	63·6	5·5	3·3	·339	·324	68	78	W 2	W 2	3	4	—	Fine and clear. [evening.
31	29·69	29·74	60·9	54·1	49·8	65·2	6·8	4·0	·338	·311	63	75	NW 2	W 1	5	3	—	Fine and clear.
Mean	29·655	29·653	59·0	56·5	52·1	65·6	4·1	2·7	·381	·381	76·3	82·9	1·7	1·5	7·6	7·8	2·615	

WOLFELEE.—JULY 1893.

Height above Mean Sea Level, 587 feet. Heights above Ground:—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 6 inches.
Long. 2° 39′ W. Lat. 55° 23′ N. Gravity Correction, + ·025 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
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16									No observations during July.									
17																		
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30																		
31																		
Mean																		

SCARBOROUGH.—JULY 1893.

Height above Mean Sea Level, 159 feet. Heights above Ground:—Bar., 1 foot. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 23′ W. Lat. 54° 17′ N. Gravity Correction, + ·025 in.

1	30·02	29·96	54·8	54·6	52·4	65·3	0·7	0·4	·409	·415	95	97	SW 1	SE 1	10	0	—	Dull and cloudy, then bright.
2	29·95	·93	61·2	62·4	53·4	72·0	1·4	1·3	·492	·518	92	93	SE 1	Calm 0	0	10	·110	☂ ● showers.
3	·97	·98	61·1	56·1	55·3	64·3	2·1	1·3	·469	·413	87	91	SE 1	SE 2	2	2	—	T
4	·96	·83	57·4	55·1	53·5	59·3	2·8	1·3	·389	·396	83	91	NE 1	N 2	10	10	·010	● 0 showers all day.
5	·79	·88	60·4	56·7	54·3	64·2	1·5	1·3	·475	·421	91	92	N 2	Calm 0	4	0	—	Brilliant all day.
6	·93	·88	57·6	56·2	51·8	62·0	1·2	1·9	·439	·396	92	88	NNE 2	Calm 0	2	10	—	Brilliant day. ≋ at night.
7	·84	·68	60·6	57·3	51·7	62·0	5·3	1·0	·370	·439	71	93	Calm 0	Calm 0	0	0	—	≋ 11.30a., then brilliant.
8	·59	·45	62·0	60·1	53·3	65·5	3·7	0·4	·434	·507	79	97	SE 2	Calm 0	4	6	1·040	☂ 2 ● 2 ▲ 2 4.30p.—10.30p. (1·04 in. of rain in 6 hours.
9	·45	·58	64·7	59·8	53·6	68·5	5·6	3·4	·425	·409	70	79	SW 2	SW 3	4	4	·020	T ● showers.
10	·66	·62	64·4	63·2	56·5	72·3	4·3	3·5	·459	·461	76	80	SW 1	SW 2	6	2	·010	Hot and sultry all day.
11	·58	·50	61·6	59·2	57·6	65·3	4·3	1·5	·412	·456	76	91	Calm 0	Calm 0	4	10	·020	≋ p.
12	·46	·43	59·2	57·8	56·9	62·4	1·9	1·4	·441	·436	89	91	NNW 2	NW 2	10	10	·530	Dull, with ● showers.
13	·47	·57	54·8	54·7	52·0	59·2	1·3	0·9	·391	·401	92	95	NNE 2	NE 3	10	8	·010	Much cooler. Gusty all day.
14	·65	·74	55·4	52·2	49·1	58·7	5·6	1·8	·293	·343	67	88	N 4	N 3	10	8	—	Dull and overcast all day.
15	·77	·74	56·0	53·4	50·2	58·3	3·8	1·9	·344	·356	76	88	NW 1	NW 2	8	4	—	Dull and cloudy all day. ≋ n.
16	·68	·63	58·6	53·2	49·0	63·3	3·4	1·6	·391	·361	79	89	SE 1	NW 1	6	6	·130	Brilliant, then cloudy with ●.
17	·58	·58	58·0	56·8	50·3	63·1	5·3	5·4	·334	·316	70	68	W 4	SW 6	3	2	·180	▲ ●. Gusty ╱ all day.
18	·74	·67	58·8	57·2	52·5	63·4	4·5	4·1	·364	·352	74	75	W 1	SW 2	3	10	·310	● showers all day.
19	·37	·87	62·0	62·6	53·4	70·6	1·9	4·2	·487	·431	89	76	SW 1	W 3	8	3	·010	● showers. Hot and sultry.
20	·27	·38	61·1	59·6	55·5	69·1	4·7	1·4	·393	·465	73	91	W 2	SW 2	4	2	—	Brilliant all day.
21	·50	·54	62·8	62·1	52·4	67·3	4·9	7·9	·413	·328	73	59	SW 1	SW 1	4	6	·020	Brilliant, then cloudy.
22	·61	·86	60·6	55·3	50·9	67·0	7·8	3·5	·309	·340	59	78	NW 2	NW 2	6	3	·010	
23	·88	·73	61·0	63·2	49·1	68·5	3·3	2·8	·430	·482	81	83	SW 2	Calm 0	6	6	—	Cloudy, then brilliant midday
24	·57	·48	64·4	63·1	59·3	70·3	4·3	1·9	·459	·509	76	88	SW 4	SW 2	10	0	·090	Dull, then brilliant from 10a.
25	·47	·54	60·8	56·7	54·1	64·5	6·2	2·1	·351	·397	66	87	W 3	W 3	4	1	·070	● showers.
26	·58	29·85	59·2	55·4	49·4	64·1	3·6	3·1	·394	·552	79	81	NW 1	NW 2	8	2	—	Brilliant all day.
27	29·97	30·08	57·2	55·6	51·4	63·2	3·4	4·4	·370	·323	79	73	NE 2	N 1	6	2	—	Brilliant all day.
28	30·07	29·97	57·4	58·0	47·0	61·2	2·4	0·2	·400	·475	85	99	NW 1	WNW 2	0	2	—	Brilliant all day.
29	29·86	·69	58·5	56·8	55·4	65·3	0·3	1·3	·482	·424	98	92	W 1	NW 3	8	6	—	Dull all day.
30	·64	·66	62·5	57·2	53·8	63·7	1·2	2·1	·524	·406	93	87	N 4	NW 1	3	3	—	Colder. Dull all day.
31	29·62	29·70	57·8	57·6	52·5	61·5	0·6	1·2	·461	·439	95	92	N 4	N 2	3	4	—	Cloudy a. and n. Bright midday.
Mean	29·693	29·690	59·7	57·7	52·8	64·7	3·3	2·3	·413	·412	80·8	86·2	1·8	1·7	5·4	4·6	2·570	

CRONKBOURNE (DOUGLAS), ISLE OF MAN.—JULY 1893.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29′ W. Lat. 54° 10′ N. Gravity Correction, + ·024 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·94	29·92	65·1	58·2	48·2	69·9	4·0	2·4	·480	·412	78	85	SE 1	Calm 0	3	6	·008	Fine day.
2	29·98	30·00	64·0	57·8	54·8	72·6	2·2	1·1	·518	·446	87	93	SSW 2	WNW 1	10	3	—	Fine day. ⌓ p.
3	30·02	29·98	70·0	59·0	56·0	73·4	7·6	3·5	·458	·394	63	79	NNW 4–5	NNW 2	1	1	—	╱ a. Very fine.
4	29·93	·84	62·2	58·0	54·3	69·0	2·0	1·2	·491	·445	88	92	ESE 4	ENE 3	10	10	—	≋ 0 (mist) a. Cloudy day.
5	·82	·88	61·3	62·0	55·4	72·7	3·3	4·7	·435	·407	80	74	NE 4	ESE 3	3	6	—	Fine day.
6	·89	·81	61·8	60·8	52·5	71·0	4·0	2·8	·424	·442	77	83	E 3–4	E 3–4	10	3	—	Cloudy day.
7	·75	·60	67·2	63·8	55·7	73·4	4·9	0·7	·490	·567	74	96	ESE 2	NNW 3	3	10	·453	≋ (mist) a. Fine day. [from 8p. ☂ ● 2
8	·52	·48	66·2	59·0	59·0	69·5	2·8	1·0	·540	·467	84	94	E 2	Calm 0	4	10	·815	≋ 0 (mist) a. Cloudy day. ● 2 n.
9	·36	·49	55·4	56·0	54·2	60·2	0·4	0·2	·427	·443	97	99	SSW 2	SSW 3	10	10	·248	● 2 a. Overcast. ● showers p.
10	·58	·57	60·0	58·0	55·0	63·9	2·0	0·9	·453	·454	88	94	SE 3	E 3	10	6	·017	Cloudy day. ● 5p.
11	·54	·53	63·4	58·7	56·0	66·6	5·2	1·9	·416	·435	71	88	E 5–6	NE 3	4	7	·114	Squally ╱ a. Cloudy day. T ●
12	·54	·55	66·7	58·4	57·4	70·3	4·7	2·6	·487	·410	74	84	NNE 3–4	NNE 3	4	10	·011	Fine day. ● 0 at night. [showers p.
13	·59	·66	56·9	54·0	54·0	59·9	1·6	2·5	·415	·347	90	83	E 1	NW 5	10	6	·003	Dull day. Squally ╱ p.
14	·75	·83	58·8	52·0	51·8	63·0	3·3	2·0	·397	·335	80	86	NNW 4	NW 4–5	8	4	—	Cloudy day.
15	·82	·75	58·2	55·0	48·1	62·4	4·4	1·2	·360	·397	74	92	WNW 3	SSW 1	2	8	·049	Fine a. Cloudy afternoon. ⌓ p.
16	·71	·67	59·0	56·7	52·2	66·0	3·2	0·4	·402	·448	81	97	WNW 3	WSW 3	7	10	·212	Cloudy day. ● 2 showers from 7p.
17	·69	·83	59·8	54·3	51·3	61·8	4·2	0·8	·387	·399	76	95	WNW 5–7	W 2	6	6	·142	Squally ╱ a. T ● 2 11a. ● 2 5p.
18	·82	·55	57·3	58·6	51·2	59·2	0·5	0·1	·455	·490	97	99	WSW 3	SW 3–4	10	10	·897	Overcast, with ●
19	·38	·25	60·8	57·2	56·8	63·5	1·0	0·2	·499	·462	94	99	WSW 4	WSW 4	10	6	·062	Dull, with ● showers.
20	·34	·43	59·8	57·3	53·2	64·2	3·8	1·7	·397	·418	77	89	W 4	WNW 2	3	7	—	╱ noon. Fine day.
21	·55	·59	60·9	57·0	47·2	64·5	4·7	2·7	·390	·385	73	83	NW 4	WNW 3	2	7	—	Fine day.
22	·74	·89	59·4	50·0	49·2	63·4	4·2	0·2	·381	·356	75	99	NW 5–6	NNW 3	1	1	·087	Squally ╱ a. Fine day. ⌓ p.
23	·84	·77	58·4	58·5	46·4	61·9	0·5	0·1	·473	·487	97	99	SW 2	SW 2	10	10	·023	Overcast, with ● a. Dull p. ≋ 0
24	·65	·55	63·3	56·0	47·6	67·0	2·9	1·7	·483	·412	82	89	WSW 4	W 5	4	10	·203	Fine day. ● 6p. [(mist).
25	·56	·62	57·5	55·8	53·2	61·8	1·9	0·0	·417	·446	88	100	W 5	WNW 2	6	9	·199	╱ ● a. Dull day. ● 2 showers 4p.
26	29·68	29·91	60·5	55·8	52·8	64·0	2·0	2·1	·462	·387	88	86	NNW 7	NNW 5	3	3	—	Fine day. Squally ╱.
27	30·04	30·08	58·2	57·2	51·5	64·0	2·4	0·9	·412	·440	85	94	E 2	E 1	9	7	—	Fine day.
28	30·08	30·05	59·9	56·4	45·8	65·4	2·9	1·4	·424	·413	83	91	SW 3	N 1	9	10	·084	Dull day. ● noon.
29	29·93	29·78	59·2	55·0	53·0	62·4	1·7	0·0	·449	·433	90	100	W 2	WSW 2	10	10	·044	Overcast, with ● showers.
30	·79	·80	59·0	54·0	53·4	64·2	2·0	1·2	·436	·382	88	92	NW 5–6	NW 5	8	3	—	Fine day. Squally ╱.
31	29·79	29·84	59·7	52·5	51·4	62·8	3·4	1·0	·408	·368	80	93	NW 5–6	NNW 5	5	2	·009	Very fine. Squally ╱.
Mean	29·729	29·725	61·0	56·9	52·5	65·6	3·0	1·4	·441	·423	82·5	91·2	3·6	2·8	6·3	6·8	3·680	

STONYHURST.—JULY 1893.

Height above Mean Sea Level, 375 feet. Heights above Ground:—Bar., —12 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 2° 28′ W. Lat. 53° 51′ N. Gravity Correction, + ·023 in.

1	29·74	29·70	64·0	67·4	52·7	75·9	4·0	5·2	·461	·484	77	72	NEb.N 1	EbyN 1	8	9	·028	≋ 0 (mist) a. Fine day.
2	·74	·75	67·7	61·0	57·6	72·0	5·1	3·0	·493	·439	72	82	WSW 1	W 1	9	1	—	≋ 0 (mist) 9a.
3	·77	·75	64·0	63·4	53·9	74·7	3·2	3·5	·486	·466	81	80	Calm 0	Calm 0	8	10	—	Distant Tp.
4	·71	·58	61·0	57·0	56·0	66·0	4·7	3·7	·391	·359	74	77	NE 2	NEbyN 2	7	7	—	
5	·54	·64	64·2	57·0	53·7	72·0	5·4	3·0	·423	·377	70	81	NE 3	NEbyN 1	5	0	—	Fine day.
6	·65	·63	66·5	62·1	50·2	74·1	7·9	3·8	·392	·435	60	78	NEbyE 2	NE 1	0	3	—	Fine day.
7	·56	·43	69·4	68·6	54·7	80·3	5·9	7·9	·498	·426	70	61	NEb.N 1	E 1	0	4	—	≋ 0 (mist) 9a. Fine a.
8	·31	·25	72·0	62·0	59·9	77·0	8·5	2·6	·469	·468	59	84	ESE 1	Calm 0	6	10	·270	Distant T < in evening.
9	·17	·33	59·0	57·2	54·9	63·5	2·5	3·6	·422	·365	85	78	SEbyE 2	SWbyS 1	8	2	·330	● showers a. ☂ ● p.
10	·40	·38	63·0	59·0	55·0	64·1	4·0	3·0	·443	·407	77	82	SSE 3	Calm 0	10	10	·578	☂ ● a. ● 0 in evening.
11	·32	·27	65·4	60·0	53·7	66·5	7·0	3·8	·398	·401	64	77	E 3	NEb.N 1	8	10	·670	< a. ☂ ● 2 in evening.
12	·26	·26	63·5	56·3	54·4	69·2	5·5	1·8	·408	·401	69	88	NEb.N 1	NEb.N 1	7	10	·420	☂ ● p.
13	·32	·38	57·4	57·0	52·7	61·0	7·4	2·0	·280	·405	59	87	NNE 1	WSW 1	10	10	·128	Overcast all day.
14	·48	·54	57·7	56·7	50·7	61·6	4·7	4·5	·345	·336	72	72	NE 1	N 1	9	7	—	Overcast a.
15	·57	·54	55·4	55·0	51·1	61·6	2·6	2·8	·366	·354	84	82	N 1	Calm 0	10	10	·487	Overcast all day.
16	·47	·46	54·8	56·5	50·7	63·0	1·3	2·8	·393	·376	92	82	Calm 0	WSW 1	10	10	·223	Overcast a. and p. Bright midday.
17	·45	·49	59·8	55·0	53·0	61·5	5·3	3·8	·359	·330	70	76	WbyS 4	WSW 2	9	4	·005	Overcast a. and p.
18	·59	·36	57·5	57·0	53·9	61·3	3·5	0·7	·372	·443	78	95	WbyN 2	swb.w 1	10	10	1·063	Overcast, with ● showers. ● 2 p.
19	·18	·07	59·8	59·7	56·4	62·3	0·9	2·7	·486	·427	94	84	swb.w 3	swbys 2	10	10	·026	Squally, with ● showers.
20	·10	·20	58·7	57·0	55·7	62·6	4·2	2·5	·371	·391	75	84	WbyS 2	WSW 1	10	9	—	
21	·29	·37	61·0	53·2	52·9	75·8	4·5	3·5	·397	·313	75	77	SW 3	WbyS 1	9	1	·033	
22	·46	·67	58·0	55·0	50·3	61·0	5·0	3·2	·342	·344	71	80	W 3	Calm 0	8	0	·150	Overcast and squally a.
23	·67	·56	56·5	61·9	49·9	64·0	1·0	1·3	·427	·509	94	93	S 1	Calm 0	10	10	·040	Overcast, with ● a.
24	·43	·31	61·0	59·0	58·3	66·7	3·0	2·7	·439	·416	82	84	WSW 2	WSW 2	9	9	·115	● a. Overcast.
25	·32	·37	57·8	57·1	53·9	61·0	3·4	2·1	·380	·404	79	86	WbyS 5	WbyS 1	9	10	·250	Overcast and squally a. ● showers p.
26	·41	·63	55·7	58·5	52·9	64·7	1·4	3·3	·404	·392	91	79	W 1	Calm 0	10	10	·118	● showers.
27	·78	·86	57·6	55·8	52·9	64·3	5·3	4·0	·329	·338	70	76	NE 1	NbyE 1	9	4	—	Fine day.
28	·84	·80	60·0	58·9	50·4	65·5	4·0	2·9	·395	·408	76	82	Calm 0	WbyS 1	10	10	·010	Overcast all day.
29	·70	·56	59·5	55·7	54·6	63·0	3·8	1·3	·393	·407	77	92	WSW 1	Calm 0	8	10	·109	Overcast.
30	·49	·50	59·6	55·8	53·6	62·0	6·6	3·8	·325	·342	64	76	NWb.W 2	WNW 2	7	3	—	
31	29·48	29·56	58·2	55·1	50·7	63·0	5·7	2·4	·328	·366	68	84	NWb.W 2	WNW 1	8	7	—	
Mean	29·490	29·490	60·8	58·4	53·6	66·5	4·4	3·1	·400	·398	75·1	81·0	1·8	0·9	8·1	7·1	5·053	

HILLINGTON.—JULY 1893.

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

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	30·09	30·04	63·5	58·8	51·5	76·4	4·7	2·8	·431	·410	73	83	SE 3	ESE 2	4	9	·030	Very fine and sunny.
2	·04	·02	70·9	63·9	52·1	84·3	9·2	4·3	·428	·449	56	75	SE 1	SE 0·5	2	9	·028	Very fine and sunny. Much cir. *p.*
3	·04	30·05	62·2	55·2	55·2	73·5	3·5	1·4	·444	·394	80	91	SE 1	SE 1	10	5	—	
4	30·00	29·81	61·5	56·1	50·6	66·4	6·7	2·4	·348	·379	64	84	E 3	E 4	3	10	·020	Very fine and sunny. Cloudy from 4*p*.
5	29·72	·81	65·0	56·1	55·0	69·3	5·0	1·4	·447	·409	73	90	E 2	E 0·5	10	4	—	Cloudy *a.*, then sunny till 7*p*.
6	·88	·95	66·9	60·1	55·1	77·3	9·3	5·2	·364	·365	54	71	E 2	E 0·5	0	4	—	Very fine, sunny and hot. ≋0(mist)*p.*
7	·92	·80	68·9	69·9	49·6	87·3	8·3	7·2	·421	·467	58	64	E 0·5	E 1	0	0	—	≋0(mist)early *a.*, then sunny and hot.
8	·69	·59	82·8	62·5	62·0	90·4	12·9	0·1	·543	·562	49	99	SE 3	S 1	5	8	·052	Very fine and sunny. ☈2 ●2 *p.*
9	·56	·75	64·1	58·0	56·1	69·3	5·3	2·2	·425	·415	71	86	SW 4	SW 1	7	3	·134	Fine and sunny *a.* T ●2 noon.
10	·80	·75	65·4	60·5	53·9	74·6	5·4	2·8	·443	·437	71	83	SW 2	S 1	6	10	1·190	Fine and sunny. ☈ ●2 at night.
11	·63	·51	65·1	57·0	56·2	68·5	1·2	1·2	·554	·428	92	92	S 2	SE 2	10	6	·287	●2 early *a.* ● showers. ☈ all round.
12	·46	·46	59·5	59·2	55·4	65·5	0·9	1·5	·479	·454	95	91	NE 1	NE 1	8	10	·045	☈ ●2 2.30*a.* ☈2 till 6*a*, ☈ *p.*
13	·52	·66	55·4	54·0	54·0	60·9	0·7	2·0	·418	·361	96	86	NE 2	NE 1	10	10	—	Overcast all day.
14	·70	·82	56·5	50·6	50·6	60·4	3·8	1·4	·351	·333	76	90	NE 1	N 1	10	6	—	Cloudy day. ◺ *p.*
15	·86	·85	58·0	56·9	48·8	62·6	5·1	2·2	·339	·399	71	86	N 2	ESE 0·5	7	10	—	Fine and sunny, then overcast. ◺ *p.*
16	·75	·75	59·9	55·0	50·9	66·6	5·1	0·5	·365	·418	70	97	NW 1	NW 0·5	10	10	·040	
17	·74	·73	62·4	56·7	49·5	67·5	6·6	5·2	·362	·319	65	69	NW 4	NW 5	3	1	—	Very fine and sunny. T ● *p.*
18	·85	·77	59·2	58·9	50·0	68·3	5·5	3·4	·344	·394	69	79	NW 5	WSW 0·5	9	10	·220	
19	·55	·46	61·1	59·0	56·2	72·1	1·0	0·4	·503	·485	94	98	SW 5	SW 2	10	10	·340	●2 showers.
20	·42	·51	61·0	60·2	58·0	68·7	1·6	1·1	·482	·483	90	94	SW 1	W 1	10	8	·167	● *a.* ◺2 *p.*
21	·65	·64	66·8	60·4	51·0	71·1	8·6	0·8	·378	·498	58	96	NW 0·5	NW 1	7	7	·080	Cloudy all day. ◺2 *p.*
22	29·74	·97	62·0	54·0	52·4	68·5	6·2	3·3	·366	·329	66	78	NW 5	NW 0·5	3	0	—	Fine and sunny. ◢ *a.* ◺2 *p.*
23	30·03	·92	63·1	58·7	43·5	72·5	6·4	1·0	·378	·462	66	94	W 3	SW 1	10	10	·090	
24	29·73	·65	63·9	63·0	57·5	74·7	1·0	4·9	·558	·416	94	73	SW 2	SW 1	10	9	—	
25	·67	·69	62·1	60·4	55·1	69·5	5·7	3·9	·381	·404	69	77	WNW 5	W 0·5	5	10	·020	
26	29·71	29·89	62·0	56·1	55·1	68·4	5·3	1·5	·389	·406	71	90	WNW 2	NW 0·5	5	9	—	◺2 *p.*
27	30·03	30·16	59·1	50·0	50·0	64·6	4·3	1·2	·373	·329	74	92	NNW 3	NE 0·5	7	0	—	◺ *p.*
28	30·18	30·09	59·1	61·0	41·5	71·5	4·4	4·3	·370	·401	74	76	NE 0·5	SE 0·5	5	10	—	Very fine and sunny till 4*p.* ◺ *p.*
29	29·97	29·83	62·1	57·0	53·1	70·5	4·4	0·3	·416	·456	75	98	SW 1	W 0·5	10	10	·323	Very cloudy. ●0 *p.*
30	·73	·81	60·0	52·9	52·9	64·3	3·4	0·8	·412	·378	80	95	NW 3	NE 0·5	10	3	·180	☈ ● 1.30*p.*—3*p.*
31	29·72	29·82	57·4	52·5	48·9	62·4	3·7	0·8	·365	·373	77	94	NW 2	NW 0·5	8	10	·203	T 11*a.* ●2 noon—2*p.* Fine afternoon.
Mean	29·787	29·792	62·8	57·9	52·6	70·6	5·0	2·3	·415	·413	73·3	86·2	2·3	1·1	6·9	6·8	4·349	

CHURCHSTOKE.—JULY 1893.

Height above Mean Sea Level, 538 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5′ W. Lat. 52° 31′ N. Gravity Correction, + ·018 in.

1	29·54	29·51	66·0	61·4	49·8	78·9	8·1	3·5	·378	·431	60	80	SE 2	SE 1	8	9	—	Breezy and hot.
2	·55	·57	69·2	61·8	52·5	76·3	8·1	3·9	·430	·425	59	78	WSW 2	W 1	8	10	—	Cloudy, breezy, and hot.
3	·58	·54	63·8	59·2	56·0	74·3	4·1	2·1	·454	·436	77	88	NE 2	NE 1	10	10	—	Dull and cloudy.
4	·45	·36	62·5	55·4	53·8	70·9	7·0	2·4	·355	·370	63	85	E 2	E 2	8	10	—	Cool wind.
5	·32	·43	55·9	53·3	51·8	73·3	1·9	2·5	·391	·339	88	83	NE 2	NW 1	10	2	—	∞ *a.* Clear *p.*
6	·54	·40	64·0	70·0	46·4	79·3	6·1	8·3	·400	·437	67	60	NNW 2	ENE 2	4	9	—	Bright and hot.
7	·34	·22	72·0	64·8	54·5	81·9	9·6	3·9	·434	·477	55	79	ESE 2	SSE 1	6	5	—	Bright, breezy, and hot.
8	29·12	·06	70·0	59·9	59·0	73·1	6·5	4·9	·491	·370	67	71	SE 2	SE 1	8	9	·285	Cloudy day. Distant T.
9	28·99	·16	61·5	56·7	53·2	65·5	3·6	1·7	·430	·410	79	89	SSW 2	SSE 2	9	10	·214	Hot, with ● showers.
10	29·20	·16	62·9	56·7	55·5	68·1	4·0	2·7	·441	·382	77	83	S 3	SE 2	9	6	·190	T ●2 showers.
11	·06	·03	61·2	54·8	54·5	65·9	4·1	0·8	·410	·406	77	94	SSE 3	SSE 1	10	10	·395	☈ ●2 ⌒
12	·05	·08	58·0	58·0	54·2	64·4	1·2	2·0	·444	·421	92	87	NE 1	NW 1	10	10	·100	● showers. Bright *p.* Distant T.
13	·13	·24	56·7	56·1	53·8	64·1	1·9	1·3	·404	·412	88	91	NNW 2	NW 2	10	10	—	Dull and cool. Distant T.
14	·30	·41	55·1	51·7	47·9	61·7	2·1	2·7	·374	·315	86	82	NW 1	NW 1	10	10	—	
15	·41	·35	56·7	53·9	44·0	64·7	4·5	2·1	·335	·357	72	87	WNW 2	W 1	8	10	·010	
16	·28	·32	58·2	55·9	52·8	64·9	2·0	1·1	·424	·415	87	94	NW 1	WSW 2	8	10	·055	Cloudy, with ● showers.
17	·34	·40	59·2	53·4	53·0	64·9	4·7	3·4	·365	·318	73	78	WNW 2	W 2	9	2	·050	Cool, with ●2 showers.
18	·45	29·25	57·5	61·0	46·1	62·1	3·5	2·7	·371	·449	78	84	W 2	W 4	8	8	·005	Cloudy and cool, with ●0 showers.
19	29·06	28·96	64·3	59·9	59·0	65·0	4·0	3·1	·465	·419	78	82	W 4	WSW 3	8	10	·185	Breezy, with ●2 showers.
20	28·95	29·06	61·0	53·1	52·7	67·7	5·5	2·1	·370	·346	70	85	NW 3	NW 1	8	1	—	Breezy, cool, and clear.
21	29·13	·21	62·2	58·0	49·1	69·5	5·4	5·2	·391	·336	70	70	E 0·5	SW 1	7	10	—	
22	·33	·53	60·3	50·9	45·8	66·1	7·3	2·1	·317	·318	61	87	NW 3	W 1	2	6	—	Breezy, clear, and warm.
23	·55	·37	62·4	63·0	50·4	66·9	5·6	2·1	·388	·501	69	87	SW 1	SW 1	10	10	·048	Cloudy and close.
24	·29	·21	62·5	57·2	57·2	69·4	2·8	3·2	·470	·374	83	80	WSW 2	SW 2	10	3	—	Breezy.
25	·23	·25	61·0	55·9	51·2	65·1	7·0	1·7	·334	·397	62	89	W 3	SW 2	8	8	·144	●2 shower *p.*
26	·29	·48	59·2	51·9	51·7	66·1	3·2	1·9	·404	·336	81	87	WNW 2	NW 1	9	2	—	Cloudy day.
27	·59	·66	61·2	58·2	50·5	68·1	5·0	2·7	·385	·404	72	83	NW 2	NW 1	9	10	—	Cloudy day.
28	·65	·62	56·7	56·7	47·1	69·1	2·7	2·7	·381	·381	83	83	W 2	W 1	4	8	—	Bright and breezy.
29	·54	·37	61·0	55·3	55·0	67·7	4·6	1·3	·394	·400	74	91	W 2	WSW 1	10	10	·040	Breezy.
30	·35	·38	59·2	54·9	54·8	63·9	4·2	3·1	·377	·345	75	80	NW 2	NW 1	8	10	—	
31	29·35	29·42	56·3	51·9	49·0	64·0	5·3	0·7	·311	·367	68	95	NW 2	NNW 2	10	1	·005	
Mean	29·320	29·322	61·2	57·1	52·0	68·5	4·7	2·7	·397	·390	73·9	83·6	2·0	1·5	8·3	7·7	1·726	

CARMARTHEN.—JULY 1893.

Height above Mean Sea Level, 188 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 4° 18′ W. Lat. 51° 52′ N. Gravity Correction, + ·018 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·88	29·88	70·9	62·0	51·2	79·7	8·8	3·7	·439	·434	57	79	Calm 0	Calm 0	7	7	—	∞ all day.
2	·95	·93	65·8	61·0	56·0	76·0	5·5	2·7	·446	·449	71	84	NW 1	N 1	10	0	—	∞2. Fine day.
3	·92	·85	72·1	65·8	58·0	77·5	9·4	5·5	·443	·446	56	71	N 1	N 2	5	0	—	∞2.
4	·76	·65	71·1	66·0	60·4	74·6	11·8	6·2	·365	·428	48	67	E 3	N 3	3	8	—	Dull, with ∞2.
5	·69	·76	61·8	61·8	56·6	71·8	5·4	3·3	·385	·443	70	81	Calm 0	N 1	10	2	—	∞2.
6	·79	·76	73·8	61·4	54·4	79·4	11·6	2·1	·415	·473	50	88	Calm 0	Calm 0	4	0	—	∞2.
7	·68	·56	75·9	65·0	55·1	79·7	9·9	1·7	·500	·554	55	90	S 3	S 2	4	10	·070	∞. ●2 showers from 7
8	·48	·41	68·0	58·6	58·1	71·0	5·0	1·7	·500	·439	73	89	S 2	S 1	10	10	·190	●0 showers 7*p.*
9	·37	·50	59·5	59·5	56·5	66·2	6·1	1·2	·335	·469	66	94	S 4	S 5	8	10	·470	Frequent ● showers *p.*
10	·55	·47	64·8	57·8	55·8	68·6	4·0	2·4	·473	·406	78	84	S 5	S 1	7	10	·250	Frequent ● showers from 7*p.*
11	·36	·34	60·8	58·4	56·3	68·0	2·8	1·1	·443	·454	83	93	SE 2	SE 1	10	10	·500	T 4.15*p.* Frequent ● showers.
12	·42	·48	63·8	57·8	56·0	69·6	5·9	2·4	·403	·406	69	84	NE 2	N 1	8	0	—	
13	·52	·62	66·2	59·0	55·0	69·6	6·3	2·6	·430	·419	67	84	N 1	N 1	7	10	—	
14	·72	·79	58·2	52·7	52·4	61·7	5·2	2·8	·339	·324	70	81	N 3	W 1	10	5	—	
15	·79	·71	64·8	56·3	46·3	70·0	8·7	2·1	·346	·391	56	86	NW 2	Calm 0	5	10	·440	Dull day.
16	·67	·73	61·5	60·0	53·0	69·2	3·2	2·5	·441	·437	81	85	W 1	W 1	9	10	—	Dull day.
17	·75	·81	61·0	56·7	55·0	68·2	3·0	3·8	·439	·353	82	76	NW 4	NW 1	5	4	—	Fine day.
18	·87	·66	61·8	60·1	49·3	64·0	7·4	0·8	·336	·492	61	95	NW 2	SW 4	9	10	·410	Frequent ● showers *p.*
19	·48	·33	62·6	59·1	58·8	64·6	2·3	0·6	·487	·482	86	96	SW 3	SW 2	10	10	·340	
20	·34	·44	60·0	54·9	54·0	69·0	4·0	1·5	·396	·388	76	90	NW 2	Calm 0	2	0	—	Fine day.
21	·49	·59	62·8	54·9	51·6	68·5	4·2	3·5	·433	·335	76	77	SE 1	Calm 0	9	0	—	Fine day.
22	·76	·91	62·1	59·0	50·8	67·9	7·0	3·8	·349	·385	63	77	W 1	Calm 0	4	9	·180	Fine day.
23	·87	·74	60·0	62·7	59·0	68·0	0·4	1·2	·503	·528	98	93	SW 1	SW 1	10	10	·300	Overcast, with ● . ∞ 9*p.*
24	·70	·61	63·8	59·6	59·5	69·1	2·3	2·5	·509	·431	87	85	W 1	W 3	10	8	—	
25	·67	·65	62·8	58·3	54·8	67·8	6·4	3·1	·374	·393	66	80	W 4	NW 3	7	5	—	
26	·73	29·84	64·0	55·9	55·9	67·2	7·3	2·0	·369	·388	62	87	NW 3	NW 2	4	1	—	Fine day.
27	29·96	30·03	67·1	54·5	52·1	70·0	11·5	2·1	·316	·365	48	86	N 2	W 1	3	4	—	Fine day.
28	30·05	29·93	65·6	60·8	46·8	69·1	5·3	1·5	·449	·482	72	91	S 1	W 1	4	9	—	Dull day.
29	29·94	·75	60·8	59·8	58·4	69·4	2·1	2·5	·464	·434	87	85	NW 1	W 3	10	10	·170	Dull day.
30	·75	·76	62·8	57·3	56·0	66·1	6·3	2·9	·375	·385	67	81	NW 5	NW 1	7	6	—	Fine day.
31	29·76	29·81	59·6	50·5	50·5	66·0	5·4	1·6	·353	·325	69	89	NW 3	Calm 0	8	5	—	Fine day
Mean	29·698	29·685	64·4	58·9	54·6	69·9	6·0	2·5	·415	·424	69·4	84·8	2·1	1·4	7·1	6·2	3·320	

MARGATE.—JULY 1893.

Height above Mean Sea Level, 83 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 24′ E. Lat. 51° 24′ N. Gravity Correction, + ·017 in.

1	30·09	30·04	63·0	59·6	56·0	65·0	3·2	1·5	·465	·462	81	91	E 3	E 2	2	10	—	Fine day.
2	·06	·04	65·7	59·0	58·6	67·5	4·8	2·2	·464	·430	74	87	E 1	E 2	7	2	—	Very fine.
3	30·04	30·01	63·0	57·3	55·4	63·1	3·8	1·8	·447	·416	78	88	E 2	E 2	7	10	—	Very fine. T
4	29·95	29·80	60·3	59·0	56·4	62·8	3·6	2·0	·412	·436	79	88	ENE 2	NE 2	9	10	·130	Dull day. ☈0.
5	·67	·81	64·0	61·0	57·6	75·2	2·2	1·0	·516	·501	87	94	NE 1	E 1	10	9	—	☈ before 9*a.* Warm day.
6	·87	·95	66·3	60·3	59·1	68·0	4·1	2·9	·498	·430	77	82	NE 1	NE 1	0	2	—	Very fine.
7	·91	·79	61·4	65·0	53·5	72·0	1·4	8·0	·496	·566	93	59	NNE 1	Calm 0	10	3	—	≋0 *a.* Very fine day.
8	·68	·64	80·6	64·0	63·4	88·8	13·4	1·7	·483	·535	46	90	SE 1	W 1	4	10	·050	Very hot. ☈ from SW. 5.30*p.*
9	·72	·84	62·9	58·9	54·6	71·0	5·1	2·9	·409	·409	71	82	SW 3	SSW 2	7	0	—	Fine day.
10	·84	·74	69·9	63·0	56·5	73·5	9·2	5·2	·412	·407	56	71	S 3	SW 2	6	10	—	Fine day.
11	·66	·57	68·0	62·6	61·6	73·0	6·3	3·3	·461	·456	67	81	S 2	S 2	2	10	·100	Cloudy day.
12	·47	·41	63·3	60·0	57·4	69·0	2·3	2·5	·500	·437	86	85	SE 1	SW 2	10	7	·530	☈0.
13	·52	·66	62·0	59·0	58·4	65·2	3·8	4·0	·431	·379	78	76	W 2	NW 3	8	10	—	Dull day.
14	·75	·84	59·0	58·0	54·4	64·0	6·5	5·2	·319	·336	64	70	N 1	N 1	10	10	—	Dull day.
15	·89	·89	59·5	58·0	54·6	64·0	5·5	4·0	·348	·366	68	76	NNW 1	N 1	7	10	—	Dull day.
16	·79	·78	59·4	59·2	52·4	61·5	3·4	3·0	·403	·410	80	82	NW 1	NW 1	10	1	·410	
17	·80	·79	62·1	61·2	52·4	67·4	3·7	7·2	·436	·331	78	61	W 2	W 4	5	0	·040	
18	·91	·85	59·0	61·8	54·6	68·9	4·5	4·6	·367	·407	74	74	W 4	NW 4	6	10	·020	Fine day. ◢
19	·69	·58	61·8	62·0	58·5	65·7	2·9	1·8	·456	·492	83	89	SW 4	SW 4	10	10	·130	Very dull. ◢
20	·51	·54	60·9	61·2	59·4	65·0	1·3	1·0	·489	·505	93	94	WSW 4	SW 3	10	10	·070	◢ *a.* Pretty sunset.
21	·63	·70	67·5	60·8	55·4	72·0	7·7	1·6	·412	·479	61	90	SW 2	SW 2	8	0	·010	
22	29·79	29·99	63·6	59·5	5 ·4	70·8	6·9	3·0	·371	·415	64	82	NW 3	Calm 0	9	1	—	Fine day.
23	30·09	30·00	65·1	60·0	51·4	73·0	10·0	1·0	·322	·483	51	94	W 1	S 3	7	10	·280	Very pretty clouds. ● 8*p.*
24	29·81	29·75	68·8	63·0	58·9	74·5	4·1	1·4	·545	·526	78	92	SW 3	SW 4	3	0	·010	● showers.
25	·75	·77	64·0	60·0	57·4	69·8	6·2	2·4	·397	·439	66	86	SW 3	SW 3	4	9	—	Fine day.
26	29·75	29·87	63·0	59·5	55·8	65·2	3·5	3·2	·457	·409	80	80	SW 1	N 1	8	10	·320	☈ ●
27	30·02	30·14	62·2	58·0	56·9	64·7	4·3	3·0	·421	·393	76	81	N 2	NNE 2	7	0	—	Fine day.
28	·20	30·14	62·5	57·8	55·4	64·5	5·5	2·5	·393	·403	69	84	NNE 2	W 1	0	9	—	Very fine.
29	30·01	29·86	64·3	61·0	56·9	66·3	3·4	1·2	·483	·494	81	93	NNE 2	NNE 1	10	10	·260	
30	29·74	·78	61·0	58·0	55·4	67·3	4·0	2·2	·410	·415	77	86	N 1	N 1	4	10	·050	☈0.
31	29·75	29·85	58·0	57·0	54·1	65·0	3·2	1·8	·386	·412	80	88	NW 1	NNW 1	10	4	·200	Dull day.
Mean	29·818	29·820	63·6	60·2	56·4	68·5	4·8	2·9	·433	·432	74·0	83·1	2·0	1·9	6·8	6·7	2·610	

SOUTHAMPTON.—JULY 1893.

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24′ W. Lat. 50° 55′ N. Gravity Correction, + ·016 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	30·03	30·03	70·8	65·5	53·3	77·6	8·2	4·5	·456	·471	60	75	SE 2	SE 2	7	1	—	Beautifully fine and very warm.
2	·04	·03	74·9	65·4	56·1	81·3	8·6	3·3	·521	·507	59	82	ESE 1	SE 1	4	4	—	*Very* warm all day.
3	30·02	30·00	74·9	63·9	59·8	76·8	10·9	4·9	·451	·432	52	72	ESE 1·5	SE 1	3	1	—	Beautiful day, and very warm, with [pleasant breeze.
4	29·90	29·69	69·7	61·4	54·2	77·2	7·8	3·4	·446	·434	62	80	NE 2·5	NE 4	9	10	·560	Beautiful *a.* Warm and close. ☂ ●² *p.*
5	·72	·83	57·3	67·2	53·7	70·9	0·3	3·8	·461	·526	98	79	N 2	N 3	10	10	·003	Very close in evening.
6	·91	·93	69·4	65·9	56·3	80·7	6·2	4·0	·488	·494	68	78	NE 1·5	SW 1	0	0	—	*Very* warm all day.
7	·89	·77	71·0	67·6	57·0	78·4	7·9	9·0	·467	·381	61	56	S 2·5	SE 0·5	0	9	—	Very warm, but with pleasant breeze.
8	·67	·64	69·4	60·0	59·7	73·7	6·0	1·9	·494	·456	69	89	WSW 2	S 3	10	10	·158	Beautiful day, but very close. ● *7p.*
9	·66	·80	63·8	60·9	57·4	69·4	5·3	2·1	·420	·466	71	88	SW 5	SW 4	9	5	·002	Beautiful day, with ⸝. [and *9p.*
10	·81	·74	66·7	62·7	58·0	70·5	6·2	3·8	·442	·444	68	78	SW 4	SE 3	9	0	·002	Beautiful day, with pleasant breeze.
11	·60	·51	62·3	59·7	59·2	66·2	3·8	1·7	·438	·457	78	90	S 3·5	SW 1·5	10	10	·342	● showers *a.* and *p.*
12	·46	·54	63·2	57·6	56·6	68·7	3·3	0·6	·469	·457	81	96	SW 1	NW 1·5	9	9	·235	● showers. ☂ from 3.30*p.*
13	·59	·71	64·4	57·0	55·7	69·1	3·7	0·3	·477	·456	79	98	NW 1	NW 1·5	10	10	1·008	● ⁰ showers. ☂² ●² *5p.*
14	·79	·88	59·9	57·2	54·3	69·4	3·3	1·7	·413	·418	81	89	N 1·5	NW 1·5	10	1	—	Beautiful day.
15	·92	·90	60·5	59·7	51·8	68·6	3·0	2·1	·431	·446	82	88	WNW 1·5	SW 1	10	10	·560	
16	·74	·86	57·9	60·7	54·7	68·0	0·4	2·3	·468	·456	98	86	E 2	W 1·5	10	3	—	●² *a.* Beautiful day from *9a.*
17	·89	·91	62·5	59·5	56·0	66·4	3·8	2·7	·440	·424	78	84	WNW 2	WNW 2·5	10	1	·013	● ⁰ noon—*2p.* Beautiful *p.* ◺ *p.*
18	·99	·89	65·8	62·5	50·1	71·1	7·3	1·1	·396	·527	64	93	NW 2	SW 3	8	10	·020	Beautiful day. ● ⁰ *7p.*
19	·69	·58	61·7	60·7	59·9	65·0	0·7	0·5	·525	·514	96	97	SW 3	SW 4	10	10	·545	● ⁰ *a* and *p.*
20	·47	·56	62·1	61·1	60·1	67·7	0·2	1·2	·551	·499	98	92	SW 4	SW 1	10	2	·040	● *a.* Beautiful *p.* ◺ *n.*
21	·65	29·70	62·4	63·7	54·4	67·2	2·5	1·3	·479	·543	85	92	SW 1	SSW 2	9	10	—	
22	29·87	30·06	66·3	58·9	53·8	72·7	7·5	4·2	·398	·373	62	75	NW 3	NW 1	9	4	—	Beautiful day.
23	30·10	29·96	65·6	61·7	52·8	67·9	5·8	0·7	·434	·525	70	96	SW 2	SW 4	10	10	·248	Fine and pleasant *a.* ● *p.*
24	29·85	·81	68·8	63·5	61·2	76·1	4·0	2·7	·548	·493	78	84	WSW 2·5	SW 3	10	9	—	Fine, but very close and sultry.
25	·83	·84	65·5	59·9	57·0	69·7	6·8	3·6	·404	·405	65	79	WNW 2·5	WSW 1·5	9	2	·068	● ⁰ showers *a.* and *p.*
26	29·79	29·93	60·9	60·5	56·3	71·3	2·5	2·9	·453	·434	85	83	NW 2	NW 1	9	9	—	Beautiful day.
27	30·08	30·17	62·6	60·4	53·1	72·8	4·5	3·3	·422	·421	75	81	NNE 2·5	E 1	8	9	—	Beautiful day.
28	·21	30·15	66·0	61·7	52·6	70·7	5·0	3·2	·464	·447	73	81	S 1·5	SW 1	2	10	—	◺ *a.* Beautiful day.
29	30·05	29·91	65·8	60·9	56·2	68·4	3·4	2·1	·513	·466	81	88	WSW 1	NW 1·5	10	10	·205	◺ *a.* Dull and close *a.* ● *p.*
30	29·80	·87	64·1	59·4	56·3	70·7	3·5	3·7	·479	·395	80	78	N 3	NW 2·5	7	9	—	Beautiful day, with pleasant breeze.
31	29·83	29·91	65·1	56·8	53·1	72·1	7·1	2·7	·390	·383	63	83	NW 2·5	W 0·5	5	1	·005	Beautiful day. ●² shower *6p.*
Mean	29·834	29·842	65·2	61·4	55·9	71·5	4·8	2·8	·459	·456	74·8	84·2	2·2	2·0	7·9	6·4	4·014	

PLYMOUTH.—JULY 1893.

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 74 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 4° 8′ W. Lat. 50° 22′ N. Gravity Correction, + ·015 in.

1	29·87	29·91	69·9	61·7	56·1	77·3	2·0	1·3	·648	·505	88	92	E	S	7	3	—	
2	·95	·94	64·0	62·5	58·2	73·8	2·3	1·5	·514	·512	85	90	NW	NNW	7	6	—	≋⁰ (mist) *9a.*
3	·90	·85	69·4	65·0	57·5	75·0	5·6	2·7	·309	·522	71	84	NNE	NE	0	0	—	Fine, clear, and sunny. ≋⁰ (mist) *9p.*
4	·72	·61	65·0	61·5	58·0	65·5	3·7	1·7	·487	·487	79	89	NE	NNW	10	10	1·330	Overcast. ☂ ●² (·77 in.) *11a.*—0.30*p.*
5	·67	·75	60·5	63·3	58·0	71·7	2·7	1·9	·439	·514	83	88	NW	NW	10	7	—	
6	·79	·79	67·4	62·3	56·4	67·4	3·1	0·5	·554	·545	82	97	SE	Calm	0	0	—	Fine and clear all day.
7	·72	·62	70·1	63·0	56·9	71·1	2·7	0·2	·626	·570	84	99	E	SSE	8	9	—	
8	·54	·47	64·0	59·6	56·2	64·2	1·7	1·0	·537	·477	89	93	S	SW	10	7	·300	
9	·54	·63	64·8	60·9	57·3	64·8	2·8	1·9	·512	·472	83	88	SW	SW	8	4	·130	
10	·63	·47	63·5	60·5	57·2	63·9	2·0	1·2	·514	·487	88	92	SSE	SSE	7	9	·685	
11	·35	·32	60·0	59·3	55·7	63·3	0·0	0·8	·518	·479	100	94	S by W	WNW	10	9	·070	☂ ●² *5a.*
12	·41	·50	61·0	60·6	57·1	67·1	2·1	1·7	·469	·472	87	89	NW	NbyW	10	2	·325	
13	·51	·64	64·0	59·5	56·4	67·3	2·2	1·7	·518	·454	86	90	NNW	N	10	2	·055	●² *5.30a.* ☂ *8a.* ●² shower *10a.*
14	·72	·80	61·5	57·6	57·0	63·5	4·6	2·7	·401	·396	74	83	NNW	NW	3	2	—	
15	·83	·79	59·0	58·2	49·0	66·8	2·6	2·1	·419	·422	84	86	Calm	W	8	10	·180	
16	·64	·81	64·0	59·7	55·4	66·9	1·7	1·9	·537	·451	89	88	NW	WbyN	9	6	·045	● till *9a.*, then fine.
17	·82	·87	59·0	59·5	57·5	65·9	0·0	1·2	·500	470	100	92	W	NNW	10	2	·015	Dull, with ● *a.* Bright *p.*
18	·92	·80	62·0	61·0	54·5	65·7	2·7	1·2	·465	·496	84	92	W	SSW	9	10	·035	Overcast, with ● ⁰ all day.
19	·58	·45	61·5	61·5	59·0	62·1	0·0	0·6	·546	·526	100	96	WSW	SW	10	10	·585	
20	·39	·46	64·0	61·0	57·7	66·6	3·2	4·0	·485	·410	81	77	WNW	NW	7	6	·440	
21	·49	·63	60·0	59·0	55·2	67·0	0·0	2·1	·518	·434	100	87	ENE	NW	10	2	—	
22	·84	·96	63·0	60·0	50·9	67·7	6·1	4·1	·385	·394	67	75	W	NW	8	2	·060	
23	·94	·85	59·7	62·0	55·4	62·7	0·9	0·0	·483	·556	94	100	S	W	10	10	·500	Overcast all day, with ●² ≋².
24	·78	·76	65·0	61·0	60·0	69·3	2·7	2·2	·518	·465	85	86	WbyS	W	10	9	·020	
25	·76	·76	63·0	59·0	56·3	66·2	5·2	1·6	·409	·449	71	90	W	W	10	4	·140	
26	·74	29·88	59·0	60·0	56·7	64·9	1·2	3·1	·462	·422	92	81	WNW	N	7	5	—	
27	29·98	30·06	61·7	57·0	52·6	67·8	1·9	2·1	·485	·404	89	87	W	NE	0	1	—	
28	30·08	30·05	64·0	63·2	48·4	67·8	4·7	3·4	·441	·466	74	80	WNW	SW	5	4	—	
29	29·97	29·82	62·5	59·3	58·8	67·6	0·7	2·2	·541	·436	95	86	W	SW	10	5	·038	
30	·78	·88	61·0	59·0	57·9	69·0	5·1	3·9	·381	·382	71	76	NW	NW	8	2	·015	
31	29·80	29·87	62·0	57·5	51·9	64·9	5·1	2·6	·367	·397	71	83	NbyW	NW	5	1	·070	
Mean	29·731	29·742	63·1	60·5	56·0	67·3	2·6	1·9	·491	·467	84·7	88·1	—	—	7·6	5·1	5·028	

LONDONDERRY.—JULY 1893.

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

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·03	29·93	67·8	64·0	52·4	79·0	10·2	2·2	·355	·518	52	87	SE 3	SW 1	4	8	·010	● ⁰ *8p.*
2	30·02	30·11	66·7	59·2	54·2	73·0	5·0	2·5	·478	·425	73	85	W 2	NW 1	9	3	·030	● ⁰ *1p.*
3	·14	30·12	68·8	57·1	49·4	76·5	7·9	2·1	·429	·404	61	86	W 2	E 1	7	5	—	
4	30·02	29·94	63·9	59·1	49·0	70·6	4·6	2·2	·441	·432	74	86	NE 1	Calm 0	5	10	—	≋⁰ (mist).
5	29·93	·92	60·1	57·9	53·7	73·0	2·8	1·5	·431	·434	83	91	NE 2	E 1	10	0	—	≋⁰ (mist) all day.
6	·90	·81	62·8	62·9	54·0	72·5	5·4	4·2	·400	·435	70	76	E 1	SE 2	10	10	—	≋⁰ (mist) all day.
7	·72	·64	70·5	64·7	58·0	77·2	8·1	3·4	·453	·492	61	81	SW 2	SW 1	7	2	—	Fine day.
8	·55	·50	69·6	60·5	56·6	77·0	7·6	2·8	·450	·437	62	83	SE 2	E 1	9	3	·140	T in S.W. *5p.*
9	·40	·43	57·5	55·7	53·0	62·0	1·2	1·0	·436	·416	92	94	W 1	SW 3	10	10	1·120	● all day till *8p.*
10	·55	·59	64·0	55·7	50·4	68·4	7·4	1·4	·366	·404	61	91	SE 2	E 1	4	4	·020	Fine day. ● at night.
11	·63	·65	63·9	59·1	51·0	72·0	4·0	1·8	·460	·444	77	89	E 2	E 1	6	0	—	Fine day.
12	·67	·65	63·3	59·7	52·4	75·0	3·6	3·0	·461	·419	79	82	NW 1	NW 1	10	7	·140	● at night.
13	·68	·81	60·1	55·3	54·0	62·8	2·4	4·3	·443	·323	85	73	NE 2	NW 2	10	10	·020	● ⁰ during day.
14	·90	·93	56·9	51·4	50·7	63·1	5·2	1·5	·321	·341	69	90	NE 2	E 1	10	7	—	
15	·89	·83	60·4	53·7	49·5	71·2	5·1	1·4	·373	·373	71	90	N 1	NE 1	10	10	·030	● *11p.*
16	·76	·74	63·2	56·0	51·8	68·5	4·0	3·0	·447	·365	77	81	W 2	NW 4	10	4	·390	● showers.
17	·76	·91	59·5	54·7	50·5	63·8	5·9	2·4	·339	·360	67	84	NW 5	NW 2	7	10	·220	● showers *a.*
18	·80	·49	52·0	59·7	51·0	62·0	1·1	1·0	·358	·480	92	94	SW 2	SW 4	10	10	·510	● all day.
19	·33	·24	60·2	57·0	56·0	67·0	1·9	1·3	·460	·425	89	91	SW 4	W 4	10	10	·170	● at times during day.
20	·36	·49	59·9	54·7	52·1	65·5	5·4	3·0	·358	·346	69	80	SW 3	W 1	5	1	—	Fine day.
21	·57	·65	59·6	52·7	48·0	64·0	5·8	1·0	·344	·370	68	93	W 2	W 2	7	7	·220	● showers.
22	·81	·92	58·6	55·7	48·2	66·4	5·9	2·0	·329	·388	67	87	NW 4	E 1	4	2	—	Fine day.
23	·86	·77	59·7	61·7	48·2	76·4	2·7	2·0	·427	·483	84	88	NE 1	SW 3	10	10	·080	≋⁰ (mist) *a.*
24	·63	·55	59·0	55·7	53·6	66·0	0·8	1·0	·474	·416	95	94	SW 3	W 3	10	4	·290	● showers.
25	·61	29·71	57·5	55·7	52·2	64·8	2·0	2·0	·414	·388	87	87	NW 4	NW 3	9	5	·120	● showers.
26	29·85	30·05	56·7	55·0	52·8	62·2	1·2	2·3	·424	·367	93	85	NW 3	NW 1	10	1	—	
27	30·11	·12	62·7	58·0	47·5	76·0	5·4	2·0	·399	·421	69	87	W 1	Calm 0	9	10	—	
28	30·10	30·11	59·3	58·7	55·2	68·0	2·9	2·7	·415	·411	82	83	W 2	W 1	10	10	·140	● ⁰ *a.*
29	29·98	29·86	56·6	56·3	55·0	61·2	1·6	0·8	·411	·430	89	95	W 3	NW 3	10	10	·170	● at times during day.
30	·92	·93	58·7	55·7	52·8	63·0	3·5	1·9	·390	·390	78	88	NW 3	NW 2	10	9	·040	● showers in evening.
31	29·93	29·95	56·5	55·7	52·0	62·4	3·8	2·6	·351	·371	76	84	NW 2	NW 1	10	10	·070	● at night.
Mean	29·784	29·784	61·2	57·4	52·1	68·7	4·3	2·1	·408	·410	75·9	86·6	2·3	1·7	8·5	6·5	3·930	

ARMAGH.—JULY 1893.

Height above Mean Sea Level, 196 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 39′ W. Lat. 54° 21′ N. Gravity Correction, + ·025 in.

1	29·83	29·80	64·1	64·9	48·2	73·9	7·2	4·3	·373	·467	63	76	SSE 2	SSW 1	7	10	—	
2	29·90	·96	65·3	60·1	57·1	71·8	4·3	1·4	·474	·474	76	91	SW 1	NNE 0·5	8	9	—	
3	30·00	·97	65·0	56·1	50·0	71·0	5·5	2·2	·433	·387	71	85	NE 0·5	NNE 0·5	3	0	—	
4	29·86	·79	59·4	58·7	46·7	65·4	2·0	1·0	·443	·462	88	94	NE 1	NE 0·5	10	10	—	Overcast all day.
5	·80	·79	58·2	60·6	55·8	68·2	2·9	1·9	·398	·467	82	88	NE 1	N 0·5	10	3	—	
6	·77	·69	61·1	63·8	53·8	67·1	4·2	6·1	·406	·397	76	68	ESE 1	SSE 2	10	10	—	
7	·61	·52	66·8	59·9	55·0	69·8	5·8	1·2	·455	·477	69	93	S 2	SSE 2	2	0	—	
8	·42	·37	65·1	58·8	57·5	69·9	4·4	2·4	·468	·422	76	85	SSE 2	SSE 1	10	5	·105	
9	·27	·36	56·8	56·0	54·8	60·3	0·2	1·3	·456	·411	98	91	SW 1	SW 1	10	10	·530	Overcast all day.
10	·43	·46	61·8	57·0	49·0	65·3	4·7	1·6	·404	·417	74	89	SSE 3	ESE 1	5	10	—	T in afternoon.
11	·46	·49	63·9	56·9	52·8	67·8	5·5	1·3	·416	·424	69	92	ENE 2	Calm 0	8	8	·042	T 1.30*p.*
12	·52	·52	63·4	57·5	53·1	70·0	4·4	0·3	·438	·464	75	97	NNE 0·5	Calm 0	10	9	·012	T 4.30*p.*
13	·52	·66	65·0	54·9	51·0	66·7	5·0	3·0	·447	·349	73	80	NW 0·5	NNW 0·5	10	8	·005	
14	·76	·79	54·9	51·6	46·6	62·1	4·7	2·3	·308	·323	71	84	N 1	Calm 0	10	4	—	
15	·75	·69	58·6	53·8	45·9	68·0	3·7	1·5	·382	·372	78	89	Calm 0	Calm 0	9	10	·068	
16	·64	·63	62·4	54·0	50·2	68·1	4·6	1·0	·416	·388	74	93	SW 0·5	WSW 0·5	7	8	·342	
17	·64	·79	59·3	53·6	50·2	64·2	4·2	2·9	·380	·333	75	80	WNW 1	W 1	9	2	·102	
18	·72	·41	53·0	60·4	48·2	63·0	1·4	0·6	·363	·505	90	97	S 2	SW 2	10	10	·375	Overcast all day.
19	·26	·15	59·9	58·1	57·3	66·7	0·9	2·5	·486	·409	95	84	SW 2	SW 2	9	10	·192	
20	·26	·39	60·3	56·4	50·5	65·2	4·4	6·4	·389	·290	75	63	W 1	NW 1	7	3	—	
21	·47	·52	57·8	50·2	47·2	64·0	4·0	0·2	·365	·358	77	99	W 1	SW 1	4	8	·152	
22	·70	·79	61·3	57·8	45·9	67·0	4·5	3·0	·402	·391	74	82	W 1	NW 0·5	5	7	—	
23	·73	·65	63·3	63·1	54·8	72·5	2·0	1·2	·512	·536	88	92	SSW 0·5	SW 1	10	9	—	
24	·53	·47	59·9	54·3	53·1	68·2	1·1	0·5	·480	·408	94	97	SW 3	SW 2	10	10	·116	
25	·50	·59	61·0	55·2	51·3	64·9	3·1	2·3	·436	·370	82	85	W 1	WSW 1	7	9	·020	
26	·70	29·91	59·2	52·0	51·9	64·0	1·8	2·0	·445	·335	89	86	NNW 1	Calm 0	10	3	—	
27	·99	30·00	61·4	59·7	45·0	68·5	5·7	4·6	·372	·375	69	73	NE 0·5	SSW 1	7	10	—	
28	·98	29·99	57·8	57·3	55·0	69·0	0·8	2·3	·454	·401	94	85	SW 1	W 0·5	10	8	·010	
29	·86	·72	58·1	55·7	54·2	62·2	2·1	1·1	·420	·413	86	93	W 1	SW 1	10	10	·045	Overcast all day.
30	·77	·79	63·4	55·9	50·3	65·0	4·0	2·1	·450	·388	77	87	NW 1	NW 0·5	7	9	·014	
31	29·78	29·83	60·0	54·5	50·0	65·1	5·1	2·0	·367	·368	71	87	NNW 1	NW 0·5	9	10	·057	
Mean	29·658	29·660	60·9	57·1	51·4	66·9	3·7	2·1	·421	·406	79·0	86·6	1·2	0·8	8·2	7·5	2·185	

MARKREE CASTLE.—JULY 1893.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27′ W. Lat. 54° 11′ N. Gravity Correction, + ·024 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·82	29·87	65·8	59·0	49·0	69·6	6·6	3·0	·414	·407	66	82	S 3	Calm 0	8	8	·020	
2	29·97	30·05	64·0	56·0	49·6	68·8	3·0	1·0	·492	·419	82	93	SSE 0·5	NE 0·5	9	7	—	
3	30·08	30·03	64·9	56·9	42·1	67·0	4·8	2·9	·451	·378	74	82	NNW 1	NNE 0·5	7	7	—	
4	29·93	29·86	67·8	61·1	48·6	70·0	7·5	1·9	·424	·476	62	88	NE 1	Calm 0	8	10	—	
5	·86	·85	64·0	60·4	55·0	73·3	4·0	2·2	·461	·453	77	87	E 0·5	SSE 0·5	9	7	—	∞ 9p.
6	·79	·72	64·3	63·2	50·9	71·0	2·5	2·2	·514	·503	86	87	ESE 0·5	Calm 0	10	10	·020	Overcast all day.
7	·60	·57	66·1	56·6	55·8	71·6	4·3	0·5	·489	·444	76	97	S 3	SE 0·5	9	10	·500	
8	·46	·42	58·2	55·0	54·1	69·7	0·7	0·9	·464	·406	96	94	ESE 0·5	Calm 0	10	8	·090	Distant T in afternoon.
9	·37	·42	60·4	54·0	46·3	60·5	1·5	0·7	·476	·397	91	95	W 1	S 1	10	10	·030	Overcast, with ● showers.
10	·42	·46	57·2	56·3	49·5	65·2	2·0	1·3	·409	·415	87	91	SE 2	E 1	10	10	·110	
11	·53	·60	65·2	60·3	55·1	71·0	4·9	2·9	·453	·431	74	82	NNE 1	NE 0·5	9	9	—	
12	·63	·62	62·0	58·5	54·5	64·9	3·0	2·3	·456	·420	82	85	NE 2	NNW 0·5	9	10	·030	
13	·63	·77	62·2	56·9	55·0	64·1	3·4	2·7	·447	·384	80	83	NW 2	N 1	9	10	·020	
14	·86	·89	57·0	57·0	51·9	63·0	3·2	3·4	·372	·367	80	79	NNE 1	NNW 0·5	10	10	—	
15	·83	·77	60·6	55·2	49·1	64·3	4·5	1·2	·391	·401	75	92	NE 0·5	NE 0·5	9	10	·060	
16	·73	·74	61·8	55·2	53·4	65·8	4·8	3·2	·401	·347	73	80	W 1	SW 1	9	10	·070	
17	·78	·90	58·8	53·3	49·5	61·2	4·6	2·3	·362	·343	73	84	NW 3	W 0·5	8	9	·160	
18	·72	·48	54·8	58·7	48·8	62·7	0·8	0·8	·406	·468	94	95	SE 1	SW 1	10	10	·640	Overcast all day.
19	·29	·28	61·2	56·0	55·2	66·1	1·4	2·0	·493	·391	92	87	S 2	SW 3	10	9	·080	
20	·36	·47	60·0	52·9	49·2	61·3	6·0	2·4	·344	·336	66	85	WNW 2	WSW 0·5	8	9	·020	
21	·55	·63	58·0	52·4	42·1	66·3	4·6	1·5	·352	·353	73	90	Calm 0	NE 0·5	7	8	·050	
22	·79	·85	58·2	57·8	47·8	65·5	4·5	2·2	·358	·412	74	86	N 1	Calm 0	8	10	·010	
23	·78	·74	62·8	60·0	54·9	73·0	1·3	3·0	·527	·423	92	82	SE 1	Calm 0	10	10	·040	
24	·60	·56	63·0	55·1	53·0	66·4	4·2	1·9	·437	·380	76	87	SW 2	W 2	9	9	·100	
25	·61	29·70	59·9	55·2	52·2	64·0	4·5	1·4	·381	·395	73	91	WNW 2	NW 2	10	10	·140	Overcast, with ● showers.
26	29·83	30·02	59·8	56·1	52·1	62·8	3·9	2·1	·395	·390	77	86	NNE 3	NW 0·5	8	10	—	
27	30·07	·05	60·0	59·1	46·9	66·2	4·0	2·0	·395	·438	76	88	Calm 0	Calm 0	10	10	·020	Overcast all day.
28	30·07	30·08	60·0	57·8	54·7	64·3	3·8	1·8	·401	·424	77	88	NW 2	NNE 1	9	9	—	
29	29·97	29·83	62·3	57·3	54·6	62·9	4·9	1·4	·406	·427	72	90	WNW 1	N 2	10	10	·180	Overcast all day.
30	·91	·91	59·4	55·0	53·4	61·2	4·9	2·1	·363	·372	72	86	W 3	NNE 0·5	10	8	·080	
31	29·91	29·92	58·5	54·0	52·1	63·0	4·3	1·2	·365	·382	74	92	NNE 2	Calm 0	9	10	·040	
Mean	29·733	29·743	61·2	56·8	51·2	66·0	3·8	1·9	·423	·406	78·1	87·5	1·5	0·7	9·1	9·3	2·510	

DUBLIN (PHŒNIX PARK).—JULY 1893.

Height above Mean Sea Level, 155 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 21′ W. Lat. 53° 22′ N. Gravity Correction, + ·022 in.

1	29·88	29·87	66·2	64·5	47·7	74·6	6·3	3·9	·429	·473	67	78	SE 1	Calm 0	4	8	·005	
2	29·97	29·99	67·4	59·7	56·9	72·2	5·7	2·4	·469	·436	70	86	Calm 0	Calm 0	2	6	—	
3	30·04	30·00	67·6	54·1	52·1	72·5	6·3	2·5	·455	·349	68	83	Calm 0	Calm 0	1	1	·020	Beautiful day.
4	29·89	29·80	58·4	60·2	46·5	67·9	1·2	2·4	·451	·444	92	86	NE 1	NE 1	10	7	—	Dull *a*. Cloudy *p*.
5	·83	·85	57·1	55·0	53·9	66·0	2·6	1·6	·390	·386	83	89	NE 1	Calm 0	9	1	—	Cloudy till 2*p*.
6	·82	·78	61·8	56·4	47·6	70·7	2·9	1·7	·457	·405	83	89	Calm 0	Calm 0	8	4	—	
7	·69	·59	64·9	62·1	45·7	70·4	5·6	3·6	·428	·441	70	79	Calm 0	S 1	4	5	—	
8	·48	·44	62·7	59·1	56·2	71·8	3·0	3·5	·469	·395	82	79	SE 1	Calm 0	7	7	·450	
9	·37	·46	57·5	56·5	55·4	64·2	1·3	1·7	·433	·406	91	89	Calm 0	Calm 0	9	6	·320	Cloudy, with ● showers.
10	·51	·48	62·8	58·4	45·7	67·6	5·1	2·1	·409	·424	72	87	SSE 1	SE 1	5	8	·030	●⁰ showers at night.
11	·47	·50	58·0	57·9	56·3	66·1	1·8	2·3	·427	·411	88	86	E 1	NE 1	9	8	·010	●⁰ showers *a*. Cloudy day.
12	·57	·58	64·5	57·3	54·4	68·2	4·4	1·5	·457	·424	76	90	NNE 1	Calm 0	4	9	1·120	Cloudy day. ⚢² ●² ▲² *p*
13	·59	·70	61·0	57·2	51·1	67·8	2·6	2·4	·451	·397	84	85	Calm 0	Calm 0	7	8	·290	Cloudy, with ●⁰ showers.
14	·81	·85	56·7	54·8	49·3	62·4	4·9	4·2	·326	·318	70	75	N 1	Calm 0	9	7	·035	
15	·84	·76	58·4	57·1	47·6	64·7	2·5	2·3	·413	·398	84	85	Calm 0	Calm 0	8	9	·030	Cloudy, with ●⁰ showers.
16	·73	·73	59·3	57·4	54·1	68·5	3·3	2·8	·403	·390	80	83	WNW 1	W 1	9	6	·150	Cloudy, with ●⁰ showers.
17	·76	·86	62·2	53·5	51·4	66·1	5·5	3·1	·389	·326	70	79	W 1	NW 1	6	1	·050	●⁰ showers.
18	·83	·53	56·5	61·3	47·2	66·8	2·4	1·8	·387	·483	85	89	Calm 0	SW 2	9	8	·200	Cloudy, with ●⁰ showers.
19	·39	·28	61·1	58·6	56·7	68·4	2·5	3·9	·475	·377	85	77	SW 1	W 1	9	8	·050	Cloudy, with ●⁰ showers.
20	·36	·44	61·2	55·7	51·7	66·5	5·0	3·2	·386	·356	72	80	W 1	Calm 0	4	5	·005	●⁰ showers *p*.
21	·55	·61	59·1	55·8	46·7	66·1	5·9	3·9	·334	·341	67	76	Calm 0	Calm 0	2	8	·030	Bright *a*. Cloudy, with ●⁰ showers *p*.
22	·78	·86	60·3	59·7	46·9	68·8	5·6	3·9	·359	·394	69	77	WNW 1	W 1	2	9	·005	Beautiful day.
23	·81	·74	64·4	63·0	57·0	74·9	2·4	2·7	·519	·484	86	84	Calm 0	Calm 0	9	5	·010	Cloudy day.
24	·66	·59	63·1	56·2	54·4	70·0	4·0	3·6	·445	·352	77	78	WSW 1	W 2	7	2	—	
25	·63	·67	59·0	57·7	52·1	67·7	4·2	2·5	·375	·403	75	84	W 1	Calm 0	8	8	·010	●⁰ showers *p*.
26	29·77	29·97	59·9	51·9	49·8	66·2	5·2	2·2	·363	·329	70	86	NW 1	Calm 0	9	1	—	
27	30·04	30·06	60·6	59·4	44·6	68·5	5·2	4·2	·372	·381	71	75	Calm 0	Calm 0	1	7	—	Bright *a*. Cloudy *p*.
28	30·06	30·06	65·1	58·2	53·0	69·0	4·8	3·3	·455	·387	74	80	Calm 0	Calm 0	8	6	·010	Cloudy, with ●⁰ showers.
29	29·97	29·75	62·0	57·5	53·7	67·5	4·5	1·2	·413	·436	75	92	W 1	Calm 0	7	10	·100	Cloudy, with ●⁰ showers.
30	·86	·86	60·6	54·4	51·8	64·8	5·8	2·8	·358	·346	68	82	NW 1	Calm 0	5	2	—	
31	29·86	29·89	58·3	53·4	51·2	65·4	4·4	2·9	·361	·330	74	81	NW 1	Calm 0	4	5	·020	
Mean	29·736	29·727	61·2	57·5	51·2	68·1	4·1	2·8	·415	·394	76·7	82·9	0·6	0·4	6·3	6·0	2·920	

PARSONSTOWN (BIRR CASTLE).—JULY 1893.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar., −2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 ins.
Long. 7° 55′ W. Lat. 53° 6′ N. Gravity Correction, + ·021 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·86	29·84	65·7	61·7	50·8	73·7	1·8	2·8	·505	·459	89	83	E 1	NW 1	5	5	·042	Bright and warm. ●
2	29·96	·99	64·7	62·7	52·8	71·9	3·8	2·8	·479	·475	79	83	W 1	Calm 0	9	8	—	Fine and warm.
3	30·03	·96	61·7	62·7	51·8	72·7	0·8	2·8	·523	·475	95	83	NE 1	Calm 0	2	4	—	Fine and bright.
4	29·86	·78	62·7	62·7	47·8	69·5	1·8	0·8	·508	·542	89	95	Calm 0	Calm 0	10	10	—	Dull and warm.
5	·81	·81	59·7	59·7	55·8	70·7	0·8	0·3	·487	·502	95	98	NW 1	Calm 0	10	10	—	Fine and warm.
6	·76	·72	66·7	62·7	51·8	72·1	2·8	0·8	·551	·542	84	95	SE 1	SW 1	10	5	—	Fine and bright.
7	·59	·54	66·2	60·7	55·8	72·7	1·3	1·8	·594	·472	92	89	SE 2	Calm 0	8	6	·310	Fine day.
8	·41	·36	65·7	59·7	56·8	69·7	0·8	2·8	·602	·425	95	83	SW 1	Calm 0	8	4	·015	Dull, with ●.
9	·36	·45	62·7	55·7	48·8	65·9	3·8	1·8	·444	·393	78	88	SW 1	SW 1	8	6	·595	Dull, with ●².
10	·40	·39	64·7	57·7	47·8	66·7	3·8	1·8	·479	·423	79	88	SE 2	SE 1	9	10	·170	Dull, with ●².
11	·42	·50	59·7	59·5	54·3	68·7	1·8	0·6	·455	·490	89	96	NE 1	NW 1	10	10	·050	Cloudy, with ●.
12	·56	·58	62·7	59·7	51·8	70·7	1·8	0·3	·508	·502	89	98	NW 1	NW 1	6	10	—	Fine day.
13	·60	·73	61·7	62·7	50·8	67·7	2·8	4·8	·459	·416	83	73	Calm 0	NW 1	4	10	—	Fine and warm.
14	·83	·86	58·7	59·7	53·8	63·7	0·8	3·8	·468	·368	95	77	Calm 0	Calm 0	9	10	—	Fine and warm.
15	·80	·72	59·7	57·7	45·3	62·7	3·3	0·8	·411	·453	80	95	Calm 0	SW 1	10	10	·120	Dull, with ●.
16	·73	·73	59·7	55·9	53·8	64·9	2·8	2·0	·425	·391	83	87	SW 1	SW 1	4	10	·015	Cloudy, with ●.
17	·77	·89	61·7	54·7	49·8	67·7	0·8	0·8	·523	·406	95	95	NW 1	W 1	6	10	·150	Fine and bright.
18	·76	·52	56·7	60·7	47·8	64·2	0·8	0·8	·436	·504	95	95	SW 1	SW 1	10	10	·250	Dull, with ●².
19	·34	·25	60·7	55·7	54·8	64·7	1·9	1·8	·469	·393	89	88	SW 1	SW 1	10	10	·032	Dull, with ●.
20	·36	·43	61·7	52·7	51·8	65·7	5·8	0·8	·373	·375	68	94	SW 1	Calm 0	10	6	·030	● showers.
21	·60	·63	59·7	59·7	40·8	64·7	0·8	5·8	·487	·346	95	68	Calm 0	SW 1	5	5	·015	Fine day.
22	·78	·84	60·7	63·7	44·8	68·7	1·8	6·8	·472	·377	89	64	SE 1	SE 1	6	10	·010	Fine and bright.
23	·78	·73	64·7	61·7	56·8	71·7	2·8	0·8	·512	·523	84	95	NE 1	W 1	9	10	·090	Dull, with ≋' (mist *a*. Day fine.
24	·65	·61	62·7	55·7	54·8	66·7	0·8	1·8	·542	·393	95	88	WSW 1	SW 1	5	10	·084	Dull, with ● *a*.
25	·63	·64	60·7	57·7	52·8	64·7	2·8	1·8	·441	·423	83	88	W 1	SW 1	5	8	—	Dull *a*.
26	29·81	29·97	59·7	55·7	50·8	67·7	3·8	2·8	·396	·366	77	82	NE 1	NE 1	6	4	·040	Fine day.
27	30·05	30·04	64·7	60·7	45·8	68·7	9·8	3·8	·321	·412	53	78	NE 1	Calm 0	8	10	—	
28	30·03	30·07	61·7	59·7	54·8	64·7	2·8	2·8	·459	·425	83	83	Calm 0	Calm 0	10	5	—	Dull *a*.
29	29·97	29·78	61·7	59·2	55·3	65·2	3·8	1·3	·428	·461	78	92	SW 1	SW 1	8	10	·040	Dull, with ●⁰.
30	·89	·89	60·7	54·7	51·8	64·7	5·8	2·8	·360	·351	68	81	NW 2	NW 1	8	4	—	Fine day.
31	29·87	29·89	59·2	56·7	49·8	64·7	4·3	1·8	·375	·406	75	88	NW 1	SW 1	10	10	·130	Fine and bright.
Mean	29·719	29·714	61·9	59·0	51·4	67·7	2·7	2·2	·469	·435	84·5	86·8	0·9	0·7	7·7	8·1	2·188	

DEERNESS.—AUGUST 1893.

Height above Mean Sea Level, 169 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45′ W. Lat. 58° 56′ N. Gravity Correction, + ·036 in.

1	29·66	29·63	52·0	45·8	45·0	54·8	2·0	1·7	·335	·269	86	88	NNW 2	NNW 1	9	2	—	Much cir.
2	·57	·49	53·2	52·0	44·8	55·8	3·9	3·5	·304	·299	75	77	Calm 0	SE 1	9	8	—	Distant hills distinctly seen.
3	·29	·18	53·3	54·5	49·5	56·0	0·7	0·0	·387	·426	95	100	ESE 4	SW 1	10	10	·160	
4	·25	·38	58·0	51·4	50·7	62·8	3·9	0·4	·370	·369	77	97	SW 2	N 3	4	10	—	
5	·59	·81	50·8	48·0	47·2	55·1	3·2	3·6	·292	·251	79	75	NNW 4	NW 4	4	5	—	
6	·86	·74	50·1	51·3	44·0	54·0	3·7	3·1	·272	·301	75	79	NNE 2	SE 5	8	8	—	Sea very blue.
7	·63	·69	55·2	54·8	50·0	58·2	0·5	0·0	·422	·430	97	100	SSE 3	SE 1	9	10	—	≋⁰ (mist) *a*. ≋ *p*.
8	·86	·91	58·3	58·2	53·5	59·8	0·9	0·2	·458	·479	94	99	SSE 1	SW 1	7	10	·250	● *p*.
9	·98	·97	57·6	56·2	54·0	60·9	0·4	0·2	·460	·446	97	99	ENE 1	E 3	9	10	—	
10	·95	·91	60·0	57·2	54·0	61·8	2·0	1·9	·453	·412	88	88	SE 4	ESE 4	2	6	—	
11	·88	·78	59·0	56·0	54·8	59·8	1·8	0·0	·442	·449	89	100	ESE 4	SE 4	8	10	—	≋².
12	·81	·92	64·6	58·0	52·8	66·8	2·6	2·0	·516	·421	84	87	Calm 0	W 2	7	1	—	Very fine day.
13	·96	·99	62·2	53·5	52·6	64·8	2·5	0·0	·475	·411	85	100	SSW 1	E 1	4	10	—	≋ *p*.
14	·99	·97	55·0	57·3	52·0	57·8	0·0	0·2	·433	·463	100	99	SE 2	S 1	10	10	·520	≋ *a*. ●² showers *p*.
15	·91	·87	61·8	58·0	55·0	64·8	0·5	0·6	·534	·463	97	96	W 3	SSW 1	10	10	—	⚢ ●² 3*a*.
16	·77	·98	60·3	57·2	56·0	62·6	0·3	0·2	·513	·462	98	99	W 2	WNW 2	10	10	—	⚢ at night.
17	·74	·61	57·0	57·7	55·0	58·5	0·0	0·5	·465	·461	100	96	SE 3	S 2	10	10	—	≋ *a*.
18	·41	·43	59·0	54·8	53·0	64·8	0·8	0·6	·474	·412	95	95	SSE 3	W 1	10	0	—	T
19	·43	·39	61·3	57·4	53·6	63·8	2·7	2·4	·454	·400	84	85	S 3	SSE 2	0	7	—	
20	29·24	29·24	60·3	55·5	55·0	63·6	3·3	2·1	·479	·381	80	86	S 4	SSE 1	1	0	—	Fine day.
21	28·96	28·77	58·0	55·3	53·0	61·8	1·2	1·3	·445	·399	92	91	SE 5	SSW 7	9	10	·260	Heavy swell in sea. (46 miles per hour) 7*p*.
22	29·12	29·37	55·0	53·0	51·6	59·0	1·3	2·0	·395	·347	91	86	SW 5	WSW 2	10	8	—	
23	·50	·49	55·5	54·0	50·5	61·3	2·5	0·8	·370	·394	84	94	SSW 3	Calm 0	10	10	·090	
24	·53	·72	55·5	51·1	48·5	58·8	2·3	1·0	·376	·350	85	95	NW 2	WNW 1	3	0	—	Meteor seen.
25	·80	·97	55·5	49·8	48·8	56·0	4·0	2·8	·333	·288	75	81	W 4	NW 3	5	7	—	
26	29·94	29·97	52·3	51·7	48·0	56·0	2·1	2·7	·337	·314	85	82	W 2	N 3	10	7	·150	
27	30·03	30·10	52·0	47·4	46·5	55·8	4·0	2·2	·287	·275	74	84	N 2	Calm 0	9	0	—	
28	·09	·05	54·0	56·0	45·2	57·8	4·0	0·2	·310	·443	74	99	NW 4	W 5	9	10	—	≋ *p*.
29	30·00	30·00	56·3	54·7	54·0	57·3	1·5	0·3	·409	·419	90	98	W 7	WNW 4	10	10	·210	
30	29·83	29·79	55·1	51·2	50·8	55·4	0·1	1·4	·432	·540	99	91	WNW 5	N 1	10	9	—	
31	29·81	29·76	52·2	49·0	42·7	54·8	5·8	3·2	·252	·272	65	78	NE 1	SSE 2	1	0	·230	Fine day.
Mean	29·690	29·699	56·5	53·8	50·7	59·4	2·1	1·3	·401	·389	86·7	91·0	2·8	2·2	7·3	7·0	1·870	

Dunrobin Castle.—August 1893.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56′ W. Lat. 57° 59′ N. Gravity Correction, + ·034 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity. Dep. of Wet.		Vapour Tension.		Per-centage.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·90	29·80	55·4	53·8	46·6	56·9	5·1	1·3	·306	·378	70	91	W	W	—	—	—	Dull and mild.
2	·75	·65	54·9	54·4	44·7	58·4	3·4	2·7	·339	·348	78	82	NE	E	—	—	·090	Dull and mild.
3	·44	·42	55·6	54·4	50·6	61·6	2·3	2·1	·377	·364	85	86	E	E	—	—	·100	Dull, with ● showers.
4	·42	29·57	59·2	55·8	50·1	63·9	2·9	0·8	·414	·422	83	94	W	E	—	—	·390	Fine *a.* ● showers *p.*
5	29·79	30·03	49·4	49·4	49·1	57·4	1·7	1·7	·310	·310	89	89	E	NW	—	—	—	
6	30·04	29·83	53·9	54·4	49·1	57·4	4·9	2·4	·289	·356	69	84	E	SE	—	—	·080	Fine *a.* Cold and blowy *p.*
7	29·78	29·90	60·4	56·4	53·6	62·0	4·1	1·1	·398	·422	76	93	E	NW	—	—	·030	Fine and clear.
8	30·00	30·08	58·6	59·6	51·6	61·6	2·3	0·9	·422	·482	86	94	E	E	—	—	·130	Fine *a.* Dull, with ● showers *p.*
9	·12	·08	61·4	63·4	58·6	64·4	2·1	2·9	·474	·485	88	83	E	E	—	—	—	Dull day.
10	·06	30·06	62·9	59·4	56·6	64·9	2·9	1·4	·475	·461	83	92	E	SE	—	—	·060	Fine *a.* Breezy *p.*
11	·01	29·92	59·2	60·9	54·7	61·4	1·9	2·2	·442	·462	89	87	E	E	—	—	·040	● showers *a.* Dull *p.*
12	·06	30·11	63·9	62·4	55·1	67·6	3·6	3·7	·472	·442	79	79	E	W	—	—	—	Fine and warm.
13	·12	·16	64·4	57·4	54·2	66·4	3·9	0·9	·471	·445	78	95	E	E	—	—	—	Fine and warm.
14	·15	·13	58·9	62·9	53·4	63·4	2·6	0·4	·417	·560	84	98	E	W	—	—	·080	Fine day.
15	30·08	30·01	67·9	61·6	57·6	74·6	3·6	1·6	·546	·493	80	90	E	E	—	—	·290	Fine *a.* ●² showers *p.*
16	29·97	29·93	62·4	60·4	54·8	70·0	2·1	2·4	·492	·447	88	86	W	NW	—	—	·060	Dull and mild.
17	·90	·77	60·4	61·4	55·6	64·9	1·7	1·7	·469	·487	90	90	E	E	—	—	·060	Dull, with ● showers.
18	·60	·63	64·4	62·4	61·4	70·9	4·9	4·7	·441	·414	73	74	NW	SW	—	—	—	Dull and warm.
19	·63	·50	64·2	60·4	53·1	67·9	5·7	4·4	·415	·390	69	74	E	E	—	—	—	Fine and warm.
20	·44	·45	60·4	54·4	53·6	65·9	4·3	1·4	·393	·383	75	91	W	W	—	—	·240	Fine and clear.
21	·13	·20	58·6	54·9	53·1	63·4	2·1	0·2	·428	·426	87	99	E	E	—	—	·210	● *a.* Dull *p.*
22	·42	·60	56·2	53·4	52·6	64·0	2·2	3·4	·388	·317	86	78	W	W	—	—	—	Dull day.
23	·72	·70	58·6	52·4	48·8	61·4	3·1	2·4	·399	·330	81	84	W	W	—	—	·310	Fine *a.* ● showers *p.*
24	29·73	29·97	54·6	51·6	44·8	62·9	3·3	2·1	·337	·328	79	86	W	W	—	—	·040	Dull *a.* Fine *p.*
25	30·02	30·21	58·6	52·4	48·8	61·0	4·1	2·4	·372	·330	76	84	W	W	—	—	—	Fine day.
26	·15	·18	54·4	54·4	50·0	58·4	2·7	5·4	·348	·285	82	67	W	W	—	—	·070	Fine *a.* Dull *p.*
27	·22	·30	53·4	47·9	46·7	58·9	3·7	1·4	·311	·299	76	91	W	W	—	—	—	Fine *a.* Dull *p.*
28	·28	·29	55·4	57·2	45·5	61·9	3·1	3·2	·353	·375	81	80	W	W	—	—	—	Dull day.
29	·23	30·20	58·6	56·6	55·0	61·4	2·6	2·6	·413	·383	84	83	W	W	—	—	—	Dull *a.* Breezy *p.*
30	30·09	29·97	59·4	56·6	55·6	62·0	2·1	3·6	·440	·357	88	77	W	W	—	—	·160	Fine *a.* ● showers *p.*
31	29·95	29·92	52·9	50·2	49·6	57·9	2·6	0·4	·331	·354	83	98	E	E	—	—	·230	Fine day.
Mean	29·875	29·889	58·7	56·5	52·1	63·1	3·1	2·2	·403	·398	81·1	86·4	—	—	—	—	2·670	

Braemar.—August 1893.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches.
Long. 3° 24′ W. Lat. 57° 0′ N. Gravity Correction, + ·030 in.

Day	Bar. 9 a.m.	Bar. 9 p.m.	Temp. 9 a.m.	Temp. 9 p.m.	Min.	Max.	Dep. Wet 9 a.m.	Dep. Wet 9 p.m.	Vap. 9 a.m.	Vap. 9 p.m.	% 9 a.m.	% 9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	Cloud 9 p.m.	Rain	Remarks
1	28·69	28·68	51·8	49·7	46·0	59·0	4·1	2·0	·284	·307	74	87	NW 0·5	NW 1	8	8	·020	Dull, with ● showers.
2	·53	·48	57·3	54·6	48·7	62·3	4·5	2·7	·343	·352	73	82	NE 1	SW 0·5	6	8	·190	Dull, with ● showers.
3	·28	·29	53·3	53·6	49·3	60·3	1·0	2·1	·379	·353	93	86	SW 0·5	SW 2	10	2	·110	Dull, with ● showers.
4	·28	·36	57·8	50·6	48·2	59·0	3·5	1·3	·377	·335	79	91	SW 1	SW 0·5	7	4	·400	Dull, with ● showers. ꓘ 8*p.*
5	·59	·80	49·6	47·6	46·3	55·3	3·3	1·8	·276	·286	78	88	W 0·5	NE 0·5	8	7	·010	●⁰ showers.
6	·84	·68	51·6	53·9	34·7	56·0	4·3	2·7	·277	·340	73	82	S 1	SE 1	7	8	·010	●⁰ showers.
7	·63	·75	56·6	56·4	50·8	62·7	2·3	2·2	·391	·391	85	86	S 0·5	SW 0·5	7	7	·110	●⁰ showers.
8	·88	·94	56·6	57·8	56·0	62·3	1·8	1·6	·405	·430	88	89	SW 0·5	SW 0·5	8	7	·030	●⁰ showers.
9	·96	·93	60·9	61·6	52·0	75·0	3·4	4·1	·426	·418	80	77	SW 0·5	SE 0·5	8	4	·010	
10	·87	·84	63·9	59·6	54·8	69·3	5·4	2·8	·419	·423	70	83	NE 0·5	E 0·5	6	9	·090	Dull *p.*
11	·82	·80	59·8	62·3	57·3	66·2	2·3	3·6	·442	·443	86	79	NE 0·5	SW 0·5	9	9	·030	Dull, cloudy, and warm.
12	·85	·96	62·8	57·6	54·2	64·2	5·1	3·1	·409	·385	72	81	SW 0·5	NW 0·5	5	4	—	Fine day. Meteors seen.
13	·96	·96	62·6	64·6	43·8	74·2	4·9	2·9	·412	·507	73	84	W 0·5	E 0·5	3	5	—	Fine day.
14	·98	·98	65·9	67·4	50·2	76·0	4·4	3·9	·481	·526	76	79	E 0·5	SW 0·5	5	8	·020	Fine day.
15	·94	·89	70·9	65·4	53·8	74·2	8·4	1·9	·452	·556	59	89	SW 0·5	E 0·5	5	9	·050	● showers. ꓘ 3*p.*
16	·82	·82	68·4	58·8	58·6	74·1	5·9	1·4	·481	·451	69	92	SW 0·5	W 0·5	7	2	·010	Fair and clear.
17	·77	·71	60·3	64·4	52·2	66·2	2·2	3·7	·452	·477	87	79	W 0·5	SW 0·5	9	9	—	Fair and clear. Meteors seen.
18	·51	·49	63·4	56·6	56·0	70·2	3·9	3·1	·454	·370	78	80	SW 2	SW 0·5	8	4	—	Fair *a.* Meteors seen.
19	·49	·45	61·6	59·3	48·0	67·0	5·8	4·1	·371	·382	68	75	SW 0·5	SW 0·	7	9	·100	Fair *a.* < *p.*
20	28·30	·31	58·6	57·4	55·2	63·0	5·1	3·9	·348	·360	71	76	SW 0·5	SW 0·5	6	9	·490	Fine day.
21	27·93	·02	64·3	51·2	50·0	65·2	5·6	0·7	·419	·358	70	96	SW 6	SW 10	9	9	·520	Gusty ╱ ● showers.
22	28·30	·50	58·6	51·6	50·8	60·0	5·3	1·1	·343	·353	70	93	SW 2	SW 2	7	8	·030	Fine day. ⌒
23	·53	·55	55·9	47·1	42·5	59·0	4·7	0·3	·323	·317	71	98	SW 0·5	SW 0·5	5	6	·230	Fine *a.* ● showers *p.*
24	·55	·77	51·3	49·5	44·0	58·2	2·8	0·6	·308	·338	81	95	SW 0·5	W 0·5	9	3	·070	● showers. ⌒
25	·88	·97	53·6	51·2	45·3	59·0	4·9	5·1	·286	·255	70	68	W 1	W 4	8	7	·050	●⁰ showers.
26	28·99	28·94	51·6	50·1	48·6	57·0	2·3	0·3	·323	·355	84	98	NW 0·5	NW 0·5	8	10	·060	Cold, with ● showers.
27	29·01	29·08	51·6	43·6	43·5	59·2	8·9	3·7	·192	·208	51	73	NE 1	NE 0·5	7	7	—	Fine day.
28	·08	·11	50·1	52·9	31·0	61·2	2·8	3·4	·292	·313	81	78	SW 0·5	NW 0·5	7	7	—	Fine day.
29	29·08	29·05	59·4	55·8	51·5	65·8	7·6	4·3	·300	·331	59	74	SW 0·5	W 1	7	7	—	Fine day.
30	28·93	28·82	56·6	57·6	53·0	62·0	4·1	3·3	·345	·379	75	80	NW 0·5	SW 0·5	8	8	·180	
31	28·76	28·77	53·6	50·9	50·4	61·0	2·1	1·4	·353	·338	86	91	E 0·5	S 0·5	9	10	·170	Fine day.
Mean	28·710	28·732	58·1	55·5	49·2	64·0	4·3	2·6	·367	·375	75·2	84·2	0·9	1·1	7·2	6·9	2·990	

Laudale.—August 1893.

Height above Mean Sea Level, 14 feet. Heights above Ground:—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 41′ W. Lat. 56° 41′ N. Gravity Correction, + ·031 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity. Dep. of Wet.		Vapour Tension.		Per-centage.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·91	29·76	55·4	54·1	50·6	59·6	3·3	1·0	·348	·390	80	93	Calm 0	Calm 0	10	10	·230	● showers. ≋⁰ (mist) *p.*
2	·73	·61	58·0	54·1	50·7	62·9	2·9	3·0	·396	·336	82	80	W 2	SSW 3	10	10	·120	Squally *p.*
3	·39	·42	59·1	57·1	50·8	61·8	2·0	3·4	·438	·368	88	79	Calm 0	W 2	10	8	·150	≋⁰ (mist) *a.* ●² showers *p.*
4	·40	29·54	58·0	56·1	51·8	62·9	4·0	2·0	·367	·393	76	87	SW 1	N 1	9	5	·120	● showers. Bright intervals *p.*
5	·84	30·00	55·0	49·1	46·7	58·8	4·4	2·0	·316	·299	73	86	N 4	Calm 0	5	0	—	Large ◫ *p.*
6	·94	29·77	55·8	57·0	40·9	60·2	5·7	3·0	·298	·377	67	81	SE 3	SSW 7	8	10	·040	⌴ *a.* Squally ╱ (gale) *p.*
7	·75	29·88	59·7	56·2	54·8	63·8	3·6	1·1	·402	·419	79	93	S 5	Calm 0	10	0	·160	Bright at times *p.*
8	29·97	30·06	63·1	62·4	54·2	66·6	2·3	3·3	·499	·454	86	81	S 1	W 1	10	10	·070	Close and warm.
9	30·04	30·01	67·0	71·1	58·2	79·8	2·9	7·0	·553	·496	84	65	Calm 0	S 1	9	8	·020	Fine, and very warm. ∞
10	29·92	29·88	65·1	64·1	61·7	72·3	2·3	1·4	·536	·548	86	91	S 3	S 3	10	10	·190	╱ *a.* ꓘ 6*p.*—9*p.*
11	29·89	29·91	66·1	62·0	60·0	68·4	5·0	1·7	·466	·497	73	90	S 6	SW 3	9	10	·200	∞ *a.* ● *p.*
12	30·02	30·09	63·3	56·5	50·9	66·9	3·9	5·0	·451	·322	77	70	W 1	Calm 0	10	5	—	Unsettled day.
13	·10	·15	64·0	61·0	51·0	73·7	4·1	2·0	·458	·470	77	88	SE 1	Calm 0	8	7	—	Fine and warm. ⊕
14	·14	30·08	66·9	70·3	58·9	77·3	4·1	5·3	·510	·536	77	72	S 1	ESE 1	10	3	—	Dull *a.* Very warm and sultry.
15	·08	29·99	68·8	70·0	58·7	78·8	3·8	4·1	·555	·573	79	78	W 1	SE 1	7	8	·070	ꓘ in evening.
16	30·00	·95	63·0	60·0	58·7	71·5	1·0	1·1	·540	·482	94	93	Calm 0	Calm 0	10	7	·010	≋⁰ (mist). Day close and dull.
17	29·85	·74	65·0	65·0	58·8	78·8	3·0	2·7	·510	·520	83	85	S 4	W 6	10	10	·320	Squally ╱ ●² *p.*
18	·50	·60	64·6	59·6	56·6	66·9	3·9	2·6	·475	·428	79	84	S 3	Calm 0	10	2	·050	Squally ╱ ● showers *a.*
19	·60	·48	61·0	62·0	51·9	66·4	3·9	3·0	·413	·456	78	82	W 3	SSW 4	4	8	·270	Squally ╱ ● showers *p.* ꓘ
20	·42	·39	60·2	59·0	55·9	65·2	3·2	0·8	·420	·474	81	95	W 3	Calm 0	10	9	·600	
21	·01	·17	58·0	57·5	53·9	61·3	3·3	2·6	·385	·397	80	83	SW 2	W 7	5	10	·640	╱² ●² noon—4.30*p.*
22	·40	·62	58·8	53·3	51·3	62·9	3·9	1·8	·380	·357	77	88	WSW 2	NW 1	10	9	·140	●² showers. Bright intervals.
23	·62	·70	54·0	54·0	46·9	61·3	1·3	2·8	·380	·339	91	81	W 2	W 1	7	2	·740	● showers. ●² 10*p.*—midt.
24	29·77	29·97	55·7	56·0	47·3	61·3	1·8	4·0	·393	·340	88	75	Calm 0	N 2	6	7	·220	● showers *a.* Fine *p.*
25	30·09	30·32	56·0	54·7	51·9	60·3	3·0	2·7	·365	·352	81	82	W 2	NW 2	4	8	·040	
26	·22	·18	56·4	55·0	51·7	62·8	3·4	1·0	·359	·403	79	93	NW 3	NW 2	8	10	·080	
27	·31	·27	56·4	51·9	51·2	58·4	3·7	0·6	·353	·370	77	96	NW 1	Calm 0	10	6	·030	●⁰ showers.
28	·30	·35	54·2	56·5	41·9	59·1	1·2	2·8	·385	·263	92	87	Calm 0	Calm 0	10	4	—	Fine day.
29	·33	·28	58·5	56·7	55·6	57·6	4·5	2·7	·360	·381	73	83	N 3	NW 3	5	10	—	Dull most of day.
30	30·16	30·06	57·2	57·9	54·5	62·0	1·4	1·1	·426	·447	91	94	NNW 3	W 2	10	10	·180	● showers all day.
31	29·93	29·94	59·0	58·3	57·6	61·3	0·3	1·3	·490	·446	98	91	W 1	W 1	10	10	·280	≋⁰ (mist) ●⁰ all day.
Mean	29·859	29·876	60·1	58·7	53·1	65·5	3·1	2·5	·427	·417	81·5	84·7	2·0	1·7	8·5	7·3	4·970	

Dundee—August 1893.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 9 inches. Rain-gauge, 1 foot.
Long. 2° 56′ W. Lat. 56° 28′ N. Gravity Correction, + ·030 in.

Day	Bar. 9 a.m.	Bar. 9 p.m.	Temp. 9 a.m.	Temp. 9 p.m.	Min.	Max.	Dep. Wet 9 a.m.	Dep. Wet 9 p.m.	Vap. 9 a.m.	Vap. 9 p.m.	% 9 a.m.	% 9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	Cloud 9 p.m.	Rain	Remarks
1	29·70	29·62	54·7	55·5	46·5	63·7	0·6	1·3	·411	·403	96	91	E 1	SE 1	10	10	·040	Dull day.
2	·56	·50	61·4	56·5	52·9	72·7	3·8	3·2	·423	·366	78	80	NW 1	W 4	5	10	·240	Dull day. ● showers 1*p.*—4*p.*
3	·27	·30	56·5	56·1	52·5	64·8	0·1	1·9	·453	·396	99	87	SE 1	W 1	10	0	·050	● *n.*
4	·31	·34	60·8	54·0	51·4	68·7	4·0	0·3	·407	·409	78	98	W 2	NW 1	5	10	·150	ꓘ 1*p.*—2*p.* ● 1*p.*—5*p.*
5	·61	·85	53·0	52·5	51·2	67·7	2·3	1·8	·340	·346	84	88	NW 1	W 1	10	10	·020	Cloudy, with ● showers.
6	·89	·73	58·3	55·0	42·5	67·8	4·3	0·7	·363	·412	74	95	NE 1	SE 1	5	10	·220	Sunny till 1*p.*
7	·66	·75	59·9	59·5	41·7	65·8	0·9	1·0	·486	·477	95	94	S 1	W 2	10	5	·020	Dull, with ●⁰ showers.
8	·90	·95	65·4	62·4	55·2	68·5	2·4	0·9	·538	·532	86	95	SW 1	SE 1	10	10	—	Dull day.
9	·97	·96	64·5	59·0	56·0	75·1	1·9	2·0	·538	·436	89	88	SE 1	E 1	10	5	—	
10	·88	·85	62·3	63·5	50·2	65·3	1·9	0·4	·496	·572	89	98	E 2	E 2	10	10	·080	Dull day. ● at night.
11	·85	·80	58·7	59·8	57·6	68·0	0·1	0·4	·491	·501	100	97	SE 1	NE 1	10	10	·050	Dull day. ● showers in afternoon.
12	·87	·95	65·5	60·6	54·7	69·2	2·0	2·1	·554	·461	88	87	W 1	SW 1	5	5	—	
13	29·98	·97	67·0	59·7	51·0	73·2	3·5	1·0	·532	·480	81	94	SW 1	N 1	5	5	—	Fine day.
14	30·01	·99	69·4	61·5	54·1	73·5	3·9	0·9	·565	·515	79	95	SE 1	NE 1	5	5	—	Fine day.
15	29·96	·89	71·6	64·7	56·0	82·9	3·6	1·2	·623	·567	81	93	SW 1	NE 1	0	5	—	Fine day.
16	·83	·82	69·4	63·7	59·7	75·8	3·3	2·2	·587	·513	82	87	W 2	W 2	5	0	—	Fine day.
17	·79	·71	62·4	64·7	57·2	72·2	1·9	1·6	·499	·553	89	91	NE 1	S 1	10	10	·010	Dull, with ●⁰ showers.
18	·50	·50	66·7	62·6	59·4	73·1	1·8	2·9	·586	·470	89	83	SE 1	SW 1	10	5	—	
19	·52	·46	68·5	60·9	54·0	73·9	4·8	2·8	·516	·443	74	84	SW 1	SW 6	0	10	·600	
20	29·34	·31	57·8	59·6	56·2	71·1	0·3	2·1	·470	·444	98	87	SW 1	SW 1	5	10	870	● *n.* and till 8.30*a.* Cloudy day.
21	28·95	·06	61·8	58·4	55·8	65·9	0·9	0·9	·521	·461	94	95	SW 10	SW 10	10	10	·060	● *n.* and till 9.30*a.* ╱², strongest [1*p.*—6*p.*
22	29·31	·44	61·9	54·5	54·1	68·0	4·5	1·0	·412	·396	74	94	SW 8	W 4	5	10	·030	Dull from 1*p.* ●⁰ 5*p.*—6.30*p.*
23	·57	·56	62·7	55·7	46·5	64·5	3·3	2·7	·459	·368	80	83	SW 1	SW 2	5	10	·450	ꓘ ● 11*a.*—1.30*p.*
24	·58	29·79	54·5	53·0	47·3	65·1	2·6	2·2	·352	·342	82	85	NW 2	NW 1	5	5	·010	● *n.* ● showers till 2*p.*
25	29·92	30·01	60·1	53·7	46·4	63·6	5·1	3·3	·368	·324	71	78	NW 2	NW 1	7	10	·010	Cloudy, with ● showers.
26	30·02	29·96	56·7	55·5	50·0	64·0	3·6	3·1	·358	·354	78	80	NW 2	NW 1	10	10	—	Dull day.
27	·02	30·12	55·1	49·0	47·3	65·9	4·6	6·0	·313	·217	72	62	N 2	N 1	10	0	—	
28	·13	·14	54·8	51·0	40·9	67·8	2·5	1·1	·359	·346	84	92	W 1	NW 1	5	10	—	Cloudy day.
29	30·12	30·07	60·0	55·5	50·7	72·7	3·4	1·2	·412	·406	80	92	W 1	W 1	5	5	·020	
30	29·94	29·83	62·1	59·3	54·0	70·1	5·1	3·7	·398	·393	71	78	NW 2	NW 4	5	7	·030	● 6*a.*
31	29·79	29·80	53·4	50·0	49·7	60·2	0·9	0·5	·383	·348	94	97	E 1	SE 1	10	10	·080	● showers from 6*a.*
Mean	29·733	29·743	61·2	57·7	51·7	69·1	2·7	1·8	·458	·427	84·2	88·6	1·8	1·9	7·0	7·5	3·040	

GLASGOW.—AUGUST 1893.

Height above Mean Sea Level, 180 feet. Heights above Ground:—Bar., 4 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 4° 18′ W. Lat. 55° 53′ N. Gravity Correction, + ·029 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·70	29·59	55·6	55·3	47·1	59·1	4·4	0·4	·325	·426	73	97	W 1	W 1	10	10	·122	Dull and overcast. ● 0 in afternoon.
2	·58	·48	58·3	53·7	51·3	62·9	3·8	1·0	·376	·384	77	93	W 1	S 1	6	10	·338	Fine a. Overcast, with ● 2 p.
3	·24	·31	59·2	53·2	52·9	63·4	0·5	0·9	·487	·380	97	94	W 1	SW 1	10	9	·220	Cloudy, with ● 2 showers.
4	·28	·35	59·1	53·6	53·0	63·1	4·1	1·8	·379	·361	75	88	SW 1	NW 1	7	3	·010	● 0 shower a. Cloudy day.
5	·61	·81	55·0	54·1	51·4	61·8	4·7	3·4	·309	·326	72	78	N 1	NE 1	10	3	—	
6	·83	·67	56·0	54·4	47·6	62·0	4·0	1·0	·340	·395	75	94	E 1	E 1	10	10	·560	Overcast, with ●.
7	·63	·76	57·8	58·2	53·6	67·9	0·7	1·2	·457	·448	95	92	E 1	SW 1	10	7	·030	● a.
8	·86	·91	64·3	62·9	57·7	67·2	2·3	4·6	·520	·424	86	74	S 1	E 1	10	10	—	Dull and overcast.
9	·89	·81	66·0	64·9	58·7	80·1	3·3	4·8	·519	·451	82	74	E 1	E 2	3	6	·032	Fine day. <
10	·75	·73	61·9	62·2	57·6	69·5	2·6	1·9	·467	·494	85	89	E 3	E 2	6	10	·160	⊼ ● 2 in afternoon.
11	·78	·75	64·0	62·9	58·3	67·4	2·6	1·2	·505	·532	84	93	E 1	W 1	10	10	·100	Dull and overcast, with ● showers.
12	·88	·96	63·8	59·0	56·2	69·8	3·0	1·8	·490	·442	83	89	W 1	W 1	8	2	—	
13	29·96	·95	63·0	62·0	51·0	74·1	3·7	1·9	·452	·490	79	89	NE 1	SW 1	3	2	—	Fine and clear.
14	30·00	·98	62·7	65·9	59·7	77·7	1·4	3·2	·521	·521	92	82	W 1	W 1	10	2	—	Fine day.
15	29·95	·86	68·6	67·0	59·7	78·1	4·3	2·7	·535	·560	77	85	W 1	W 1	4	7	—	Fine and clear. <
16	·86	·83	66·0	60·0	60·0	69·1	3·7	2·4	·506	·441	80	86	W 1	SW 1	10	7	—	
17	·75	·64	66·2	65·8	59·2	72·0	2·9	3·4	·537	·513	84	81	S 1	S 1	10	10	—	Dull and overcast.
18	·47	·49	67·9	59·7	59·7	71·7	5·5	1·8	·484	·455	70	89	SW 2	Calm 0	7	3	·100	● shower in afternoon.
19	·50	·41	63·5	61·1	56·6	69·1	4·6	3·7	·434	·421	74	78	S 2	S 2	6	6	·040	Fine day.
20	29·32	·25	62·4	58·3	56·8	66·5	5·7	2·2	·387	·420	69	86	SW 2	SE 1	5	10	·740	Overcast, with ● 2 p.
21	28·97	·15	59·7	57·8	55·0	61·3	6·2	3·5	·336	·377	66	79	S 3	S 5	5	9	·100	Cloudy, with ● 2. Squally ↗ p.
22	29·35	·49	58·2	54·7	54·7	61·3	4·5	1·8	·358	·377	74	88	SW 3	SW 2	5	5	·223	Cloudy day. ● 0 shower in afternoon.
23	·54	·58	56·0	51·0	51·0	62·7	1·0	2·0	·419	·323	93	86	S 1	SW 1	10	2	·217	Overcast, with ● 2 a.
24	·60	29·84	55·8	54·3	49·8	62·5	4·2	2·9	·333	·341	75	80	W 2	S 1	2	5	—	
25	29·96	30·04	58·2	53·9	51·0	61·7	6·2	2·7	·316	·340	65	82	W 2	W 1	6	7	—	Fine day.
26	30·03	29·99	57·8	56·0	52·2	62·5	5·5	5·2	·327	·313	69	69	W 2	W 3	8	10	—	Overcast evening.
27	·03	30·10	56·6	52·0	52·0	60·5	6·2	2·9	·297	·313	65	81	E 1	NE 1	10	1	—	Overcast a. Fine and clear p.
28	·15	·15	50·4	51·6	42·3	62·2	2·1	1·7	·313	·338	86	88	E 1	W 1	5	1	—	≋ 0 (mist) a.
29	30·15	30·07	56·9	54·6	46·7	66·1	3·0	2·3	·375	·361	81	85	W 1	W 1	5	0	—	Fine and clear.
30	29·96	29·87	59·0	57·9	51·4	65·2	4·2	3·0	·375	·393	75	81	W 2	SW 1	4	10	—	Fine day. Evening overcast.
31	29·75	29·78	62·9	51·9	51·3	63·7	3·6	1·3	·453	·352	79	91	W 2	E 1	9	10	·125	● in afternoon.
Mean	29·719	29·729	60·4	57·7	53·7	66·5	3·7	2·4	·417	·410	78·6	85·2	1·5	1·3	7·2	6·4	3·117	

WOLFELEE.—AUGUST 1893.

Height above Mean Sea Level, 587 feet. Heights above Ground:—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 6 ins.
Long. 2° 39′ W. Lat. 55° 23′ N. Gravity Correction, + ·025 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
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No observations during August.

SCARBOROUGH.—AUGUST 1893.

Height above Mean Sea Level, 159 feet. Heights above Ground:—Bar., 1 foot. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 23′ W. Lat. 54° 17′ N. Gravity Correction, + ·025 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·71	29·68	59·2	57·8	51·0	61·8	1·2	1·8	·495	·424	93	88	NW 2	Calm 0	4	8	·110	Brilliant most of day.
2	·59	·61	61·2	56·4	54·3	65·1	0·8	0·2	·512	·451	95	99	W 2	SE 1	5	10	·460	
3	·42	·45	62·8	61·4	53·0	71·2	2·4	4·2	·487	·412	85	76	SW 2	SW 1	6	3	·090	
4	·42	·36	60·8	63·2	55·1	68·5	2·7	2·8	·444	·482	84	83	W 2	SW 2	5	10	·060	Frequent ⊼ 7p.—8.30p.
5	·55	·83	59·2	54·2	50·3	63·2	3·8	1·3	·389	·382	77	91	NW 2	Calm 0	4	0	·020	
6	·91	·81	56·2	57·3	46·1	64·8	1·5	2·4	·409	·400	90	84	S 1	W 1	4	3	·030	● showers. Brilliant intervals.
7	·75	·86	64·3	67·3	56·5	75·0	1·5	8·5	·548	·388	91	58	S 2	SW 1	5	4	—	Brilliant and very hot.
8	·93	·98	69·2	65·3	61·0	76·1	3·2	2·0	·588	·531	82	85	Calm 0	SW 2	2	6	—	Brilliant all day.
9	·98	·90	64·3	60·1	58·6	73·2	2·2	0·7	·524	·496	87	95	SE 1	SSE 2	0	0	—	Brilliant all day.
10	·83	·80	64·3	62·2	58·2	66·4	3·1	1·2	·492	·518	82	93	SSE 2	SE 1	6	6	·120	Dull, then ⊼.
11	·86	·87	63·9	65·4	58·0	74·6	2·0	2·2	·522	·546	88	87	SW 2	S 1	10	4	·030	Dull, then brilliant. ● showers a.
12	·90	·97	70·1	65·8	62·4	76·7	0·7	3·9	·706	·494	95	79	NW 1	Calm 0	1	0	—	Brilliant all day.
13	·99	29·97	64·2	66·2	58·4	76·1	2·9	4·6	·498	·482	83	75	Calm 0	SW 1	0	0	—	Brilliant all day.
14	·99	30·00	66·8	63·8	60·1	74·6	2·6	1·4	·500	·543	85	91	Calm 0	Calm 0	0	0	—	Brilliant all day. ∞ over sea a.
15	·98	29·92	72·1	66·7	61·3	81·4	4·6	3·6	·598	·524	76	80	S 1	Calm 0	0	0	—	Brilliant all day. ∞ in afternoon.
16	·86	·85	73·7	69·7	62·4	81·0	6·5	3·4	·566	·590	68	81	SW 1	Calm 0	0	0	—	Brilliant all day.
17	·86	·76	68·2	70·1	59·4	81·6	3·4	4·6	·558	·556	81	75	SW 2	SE 1	2	2	—	Brilliant all day.
18	·57	·57	75·0	67·8	65·3	90·5	7·9	4·6	·545	·511	62	75	SW 2	W 2	0	0	—	Brilliant all day.
19	·59	·60	68·4	64·8	61·4	78·2	6·1	2·7	·473	·516	68	85	SW 1	SW 2	3	0	—	Brilliant. Gusty in afternoon.
20	·51	·44	64·6	60·3	58·3	72·1	3·3	5·6	·492	·358	82	69	SW 3	SSW 2	10	6	—	Brilliant day. Cloudy a.
21	·21	·43	69·0	62·4	59·3	73·0	3·8	4·1	·562	·430	79	77	SW 7	SW 4	10	4	·040	Brilliant day. Gusty in afternoon.
22	·55	·60	61·8	59·6	57·2	70·0	4·6	4·8	·406	·367	74	72	W 2	W 3	4	0	·210	⊼
23	·68	·67	60·9	58·7	52·2	70·6	3·4	4·0	·427	·353	80	71	W 2	SW 3	6	4	·010	T. Bright day, wind gusty.
24	·67	29·88	59·8	56·3	51·5	67·1	3·7	3·4	·401	·358	78	78	WSW 2	WSW 2	7	2	—	Bright day, wind gusty.
25	29·97	30·00	60·0	56·7	50·0	66·3	5·4	2·9	·360	·375	69	82	NW 2	NW 2	6	2	·020	Brilliant from 10a.
26	30·02	29·97	56·1	54·3	50·6	62·7	1·8	1·5	·399	·377	88	90	NW 2	N 2	10	4	·030	Dull and overcast, then fine.
27	29·95	30·03	57·2	54·7	51·4	61·6	3·7	1·5	·362	·384	77	90	N 2	N 2	4	0	·090	● showers.
28	30·11	·14	56·4	56·1	52·3	63·6	4·4	3·8	·334	·345	73	76	N 1	Calm 0	6	10	—	Cloudy, then fine. ⌓ p.
29	30·13	30·04	61·5	59·8	53·1	68·2	4·1	4·2	·415	·388	76	75	N 1	Calm 0	10	6	—	Dull and overcast, then brilliant.
30	29·95	29·83	60·0	58·4	50·4	67·3	3·1	3·5	·421	·384	81	79	SE	Calm 0	4	4	—	Dull early a. Fine afternoon.
31	29·77	29·79	57·3	54·3	50·0	60·3	0·2	2·2	·465	·360	98	84	NE 1	Calm 0	10	2	·030	● mid-day.
Mean	29·781	29·792	63·5	61·2	55·8	71·1	3·2	3·2	·482	·443	81·5	81·4	1·7	1·2	4·6	3·2	1·350	

CRONKBOURNE (DOUGLAS) ISLE OF MAN.—AUGUST 1893.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29′ W. Lat. 54° 10′ N. Gravity Correction, + ·024 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
1	29·80	29·68	57·8	56·8	49·2	58·4	3·8	0·6	·369	·440	77	94	WSW 2	NW 2	10	10	·122	Dull a. Overcast with ● 2 showers p.
2	·71	·53	58·3	58·4	54·3	64·2	2·6	0·2	·409	·483	83	99	NW 3	WSW 5	7	10	·554	Cloudy day. ● from 4p.
3	·38	·45	61·8	58·0	57·2	67·2	0·4	1·0	·538	·451	97	93	WSW 4	WSW 3	9	7	·003	● till 9a. Dull a. Fine afternoon.
4	·38	·41	58·5	56·7	53·9	63·5	1·2	0·6	·452	·442	92	96	SW 4–5	NW 6–7	8	10	·062	Fine a. Dull, with squally ↗ ● 2 p.
5	·71	·90	58·4	50·3	50·3	61·2	3·6	0·5	·383	·353	78	97	NNW 5–6	NW 1	2	1	—	Squally ↗ a. Very fine. ⌓ p.
6	·89	·72	57·0	56·0	40·5	60·0	2·5	0·0	·391	·449	84	100	SE 3	E 2	10	10	·834	Overcast, with ● ≋ 0 (mist).
7	·72	·87	60·6	59·8	55·0	65·3	0·1	0·0	·527	·514	99	100	SSW 4	SSW 2	10	10	·030	● till 8a. Dull day. ≋ ● p.
8	·91	·04	63·0	61·8	58·2	69·5	0·3	1·1	·565	·514	98	93	ESE 2	NE 2	10	7	·002	Overcast, with ● ≋ 0 (mist) a. Dull
9	·88	·76	65·4	64·8	60·0	73·5	2·4	2·8	·538	·513	86	83	ESE 3	ENE 5	8	8	·147	Fine day. ⊼ 2 at night. [p. T
10	·74	·78	63·0	63·0	60·8	70·6	1·0	1·0	·540	·540	94	94	SSE 2	SE 2	10	10	·012	Overcast, with ≋ 0 (mist) a. Fine p.
11	·84	29·86	64·0	60·3	60·3	66·0	1·2	0·0	·553	·524	93	100	SSE 3	Calm 0	10	10	·201	Overcast, with ● ≋ (mist). [<
12	29·98	30·01	67·4	55·2	55·0	70·2	3·0	1·2	·557	·401	83	92	NW 1	Calm 0	4	2	·020	Very fine. ⌓ 2 p.
13	30·01	·02	62·0	61·8	51·0	65·4	0·8	0·6	·527	·532	95	95	SE 2	Calm 0	10	10	·008	● ≋ 0 (mist) a. Dull, with ≋ ● 0
14	·04	30·04	63·8	57·8	55·2	69·3	1·3	1·5	·546	·433	92	90	SE 1	Calm 0	3	0	—	≋ 0 (mist) a. Fine day. ⌓ p. [p.
15	30·02	29·99	70·1	59·0	54·6	75·5	4·0	2·0	·578	·436	78	88	SE 1	NNE 1	0	3	—	⌓ ≋ 0 (mist) a. Very fine. ⌓ 2 p.
16	29·94	·92	68·2	61·7	55·5	71·8	6·1	1·5	·470	·499	68	91	NW 3	Calm 0	4	10	—	Fine day. ⌓ 2 p.
17	·85	·70	62·3	59·3	59·3	67·4	0·2	1·1	·555	·470	99	93	SSW 3	NE 1	10	2	—	≋ a. Fine afternoon. ⌓ 2 p.
18	·56	·57	62·7	59·1	56·5	67·5	1·3	1·1	·524	·466	92	93	SE 2	Calm 0	10	10	·142	⌓ ≋ 0 (mist) a. Fine afternoon.
19	·62	·54	64·0	61·0	54·2	66·0	2·7	1·1	·502	·500	84	93	SW 3–4	S 3–4	4	8	·652	Very fine. ● 2 at night. [< ● 9p.
20	·44	·32	63·0	59·0	56·2	65·0	3·8	1·2	·449	·461	78	93	W 4	SE 5–6	7	10	·579	● 2 a. Squally ↗ ● from 5p.
21	·17	·42	61·0	58·7	56·8	63·0	5·0	3·6	·383	·387	72	78	SW 6–7	WSW 7	3	1	—	Fine, with squally ↗.
22	·48	·62	60·2	56·7	54·5	62·4	1·4	2·4	·476	·389	92	85	SSW 3	WSW 3	10	3	·182	Cloudy day. ● 10a.—1p. [4p.–5p. ⌒.
23	·67	·70	61·0	53·0	50·0	62·5	4·7	1·2	·391	·369	74	92	WSW 4–5	WSW 1	5	3	·090	Fine, with ↗ a. Dull afternoon. ●
24	29·76	29·96	58·7	55·0	50·6	62·4	3·3	1·8	·395	·381	79	88	WNW 5–6	WNW 2	6	7	·010	Fine, with squally ↗ a. ● showers
25	30·09	30·15	59·0	53·0	51·0	62·8	2·8	1·2	·413	·369	83	92	WNW 4	Calm 0	6	4	·003	Very fine. [from 5p.
26	·12	·08	58·2	55·3	50·0	61·5	2·8	1·5	·401	·394	82	90	WNW 4–5	NNW 5	7	3	·012	● 0 showers a. Cloudy, with squally
27	·06	·12	56·8	50·0	49·8	60·4	3·8	2·0	·354	·309	76	86	NE 3	N 2	10	1	—	Dull day. ⌓ 2 p. [↗.
28	·21	·22	60·4	53·2	44·0	63·8	5·6	1·0	·360	·377	68	93	E 3	NW 2	2	2	—	⌓ a. Very fine. ⌓ 2 p.
29	·21	30·15	63·4	55·2	51·3	67·0	4·7	1·2	·430	·401	74	92	NNW 2	NW 4	0	0	—	⌓ 2 a. Very fine.
30	30·04	29·96	62·6	57·6	54·0	65·0	4·0	1·6	·436	·426	77	89	N 1	W 4	6	10	—	Fine day. Squally ↗.
31	29·86	29·85	60·0	58·0	56·0	62·3	1·2	0·4	·479	·470	93	97	NW 3	NNW 4–5	10	10	·110	Overcast. ● in afternoon.
Mean	29·808	29·814	61·7	57·6	53·7	65·5	2·6	1·2	·467	·442	84·5	92·2	3·2	2·5	6·8	6·2	3·775	

STONYHURST.—AUGUST 1893.

Height above Mean Sea Level, 375 feet. Heights above Ground:—Bar.,—12 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 2° 28′ W. Lat. 53° 51′ N. Gravity Correction, + ·023 in.

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind, Direction and Force. 9 a.m.	9 p.m.	Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·56	29·47	56·6	55·4	48·5	60·5	4·1	1·1	·345	·407	75	93	WbyS 2	Calm 0	9	10	·078	Dull and overcast *a*. ● showers *p*.
2	·45	·42	58·9	55·4	55·0	63·0	3·4	1·7	·395	·391	79	89	WNW 3	SW 1	9	10	1·936	Overcast, with ● *a*. and *p*. Fine mid-
3	·21	·25	62·2	58·0	54·7	65·5	1·5	1·0	·507	·451	91	93	SSW 3	SWbyS 1	10	2	·320	●² *a*. Fine *p*. [day.
4	·21	·12	58·5	56·0	55·0	63·7	4·1	1·4	·370	·408	75	91	SWbyS 2	SbyW 2	9	10	·560	●² showers. ☈ *p*.
5	·42	·64	57·0	52·2	51·9	60·0	3·6	1·7	·361	·345	77	89	WbyN 2	Calm 0	9	4	·010	
6	·70	·58	56·3	54·8	44·0	63·0	2·4	1·8	·384	·378	84	88	Calm 0	S by E 1	10	10	·550	Overcast, with ● showers.
7	·55	·66	62·7	62·0	54·6	69·0	1·7	2·1	·510	·484	90	87	SWbyS 2	WSW 1	10	6	·080	● showers. ≋⁰ (mist) *p*.
8	·72	·74	66·4	65·5	58·0	76·0	2·5	4·5	·555	·508	86	75	NNE 1	NEbyN 1	10	8	—	Overcast *a*. ≋⁰ (mist) 9*p*.
9	·71	·63	69·5	65·2	59·8	78·3	4·3	4·9	·553	·453	76	74	NE 1	NEbyE 1	0	0	·054	Fine day. ≋⁰ (mist).
10	·55	·57	64·0	60·6	58·4	74·1	2·6	2·2	·505	·458	84	86	E 2	NE 1	9	10	1·190	☈ *a*. Distant ☈ ▲ *p*.
11	·64	·66	67·5	65·3	56·7	70·0	4·3	2·3	·515	·539	76	86	SSE 1	S 1	10	10	·080	Overcast.
12	·74	·78	65·5	58·0	58·0	70·4	3·0	3·6	·520	·377	83	78	SSW 1	Calm 0	7	0	—	Fine day. ♅
13	·79	·79	62·5	64·4	51·1	74·0	4·0	2·0	·435	·533	77	88	Calm 0	Calm 0	10	1	—	Overcast *a*. Clear *p*.
14	·81	·80	67·9	67·3	58·1	77·7	3·4	2·5	·553	·573	81	85	Calm 0	Calm 0	5	0	—	≋ *a*. Fine *p*. ∞
15	·79	·74	71·5	65·4	63·0	79·4	3·9	3·0	·610	·518	79	83	Calm 0	Calm 0	9	0	—	Fine day. ≋⁰ (mist).
16	·71	·70	64·6	60·5	59·9	69·5	1·2	1·3	·564	·484	92	92	SWbyW 2	Calm 0	10	3	—	≋ *a*. Fine *p*.
17	·66	·52	68·5	67·3	58·4	78·5	4·5	2·6	·525	·569	75	85	Calm 0	Calm 0	10	4	—	Overcast *a*. Fine *p*.
18	·35	·36	72·0	63·0	62·7	79·0	6·6	2·1	·527	·503	67	87	SSE 1	Calm 0	9	5	·177	≋⁰ (mist) 9*a*. Fine *a*.
19	·42	·39	64·8	62·0	60·9	71·0	4·1	1·7	·472	·497	78	90	SWbyW 2	SWbyS 1	7	10	·175	Overcast *a*. and *p*. ● *p*.
20	·22	·19	64·0	62·0	57·4	66·3	1·0	5·0	·560	·399	94	72	SbyE 6	SEbyS 1	8	10	·050	Overcast, with squally ➶ ● showers
21	·04	·23	63·5	58·5	58·4	66·0	7·0	4·1	·369	·370	63	75	SWbyS 5	SWbyS 4	6	4	·005	Squally ➶ ● showers. [*a*.
22	·31	·41	62·0	54·0	53·7	64·3	5·0	1·4	·399	·377	72	90	SSW 4	SWbyW 1	9	9	·380	Squally, with ● showers *a*. ☈ ●
23	·48	·49	59·0	55·1	52·4	64·0	4·0	2·3	·380	·369	76	85	SbyW 3	WSW 2	8	8	·130	Overcast *a*. Fine *p*.
24	·50	·71	57·7	55·8	51·4	61·5	4·0	1·8	·363	·393	76	88	WSW 5	WbyS 1	8	10	·080	Overcast, with squally ➶ ● showers
25	·82	·87	58·5	54·6	53·7	61·5	3·3	2·6	·392	·353	79	83	W 1	W 1	10	5	—	Fine day. [*a*.
26	·86	·81	57·5	54·3	52·4	60·0	4·5	2·5	·346	·352	73	83	WSW 2	WbyS 1	10	4	—	Overcast.
27	·79	·87	56·1	49·8	49·7	60·0	5·1	3·4	·316	·276	69	78	NE 1	NEbyN 1	10	0	—	Overcast *a*. Fine *p*.
28	·95	·95	56·5	51·0	43·7	63·0	4·1	2·0	·343	·323	74	86	Calm 0	Calm 0	2	0	—	Fine day.
29	·95	·89	60·7	58·1	48·0	67·0	4·1	2·8	·404	·400	77	82	Calm 0	Calm 0	5	5	—	
30	·79	·69	58·6	56·5	49·5	62·9	2·6	0·9	·413	·425	84	94	WbyS 2	Calm 0	9	8	·012	≋ *a*. Cloudy and overcast.
31	29·59	29·58	60·5	54·1	52·6	62·2	3·5	0·8	·416	·396	79	94	WbyN 1	NbyE 1	9	10	·220	● showers.
Mean	29·589	29·597	62·3	58·8	54·6	67·8	3·7	2·4	·449	·429	78·7	85·5	1·8	0·8	8·3	5·7	6·087	

HILLINGTON.—AUGUST 1893.

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

1	29·84	29·80	57·9	55·9	49·8	65·1	3·1	2·2	·388	·382	81	86	NW 0·5	W 0·5	10	9	·075	☂ *p*.
2	·70	·77	60·8	55·2	52·6	67·6	2·8	2·6	·443	·362	83	84	W 3	WNW 0·5	10	9	—	
3	·66	·64	63·2	61·6	55·0	70·1	3·7	1·0	·454	·512	79	94	SW 5	SW 2	10	10	·330	● showers *p*. ●² 9*p*.
4	·57	·54	61·1	55·3	55·3	71·5	1·5	2·4	·487	·369	91	84	SW 3	SW 2	9	3	·055	●² 8*a*. T ● *p*.
5	29·67	·88	59·9	55·3	55·0	67·2	4·0	1·5	·394	·393	76	90	NW 3	NW 2	9	9	·002	Fine *a*. Cloudy *p*. ☈ 1*p*.
6	30·01	·96	60·1	58·9	46·0	68·5	6·4	3·2	·335	·400	65	80	NE 0·5	W 0·5	5	10	·085	Very fine and sunny.
7	29·93	29·98	60·2	61·0	54·7	76·7	1·1	1·4	·483	·487	94	92	SW 2	W 0·5	10	1	·002	Overcast *a*. Very fine *p*. ☂² *p*.
8	30·05	30·08	71·1	62·0	56·1	82·1	5·6	2·4	·539	·475	71	86	S 1	SE 0·5	4	0	·002	☂² *a*. Very fine and sunny. ☂ *p*.
9	30·02	29·94	72·6	63·3	57·8	77·3	6·9	3·7	·529	·456	66	78	SE 4	E 3	0	1	·120	Very fine and sunny. ≺ 9*p*.
10	29·86	29·88	69·8	64·5	61·1	71·4	6·1	0·9	·500	·574	70	95	SE 5	S 0·5	6	10	·187	☈ ● 6*a*. and 10*a*. ≺ *p*.
11	29·97	30·00	67·5	67·1	53·0	76·5	3·9	3·5	·528	·533	78	89	SW 0·5	SW 0·5	2	10	·180	Fine and sunny. ● 11*p*.
12	30·03	·05	67·2	62·5	62·1	77·3	0·5	1·9	·646	·500	97	89	SW 1	NE 0·5	10	1	·002	Fine and sunny *p*. ☂².
13	·07	·09	72·1	63·0	53·0	79·6	6·0	2·5	·548	·489	70	85	NE 0·5	NE 0·5	4	1	—	☂² *a*. and *p*. Very fine and sunny.
14	·14	·10	65·1	65·0	58·2	81·4	7·5	4·3	·379	·467	61	77	SE 2	SE 1	5	10	—	Fine and sunny. T in N.W. 5*p*. ☂
15	30·10	30·05	71·8	69·6	57·1	85·2	4·7	4·0	·590	·566	76	78	SE 0·5	S 1	10	8	—	☂ *a*. ∞. Cloudy and hot. ☂² *p*.
16	29·99	29·97	73·2	64·0	58·1	85·4	6·5	2·2	·552	·516	68	87	SW 1	SW 0·5	4	0	·002	Very fine, sunny, and hot. Much cir.
17	·98	·88	72·4	70·3	54·1	86·3	5·7	5·0	·564	·545	72	74	SW 0·5	SE 1	9	1	—	☂² *a*. Very hot. ∞⁰.
18	·71	·70	80·9	68·8	63·9	89·3	11·8	4·3	·537	·541	50	77	SW 3	SW 0·5	0	5	—	Very fine, sunny, and hot. Much cir. *p*.
19	·76	·77	66·9	63·5	62·4	77·5	5·3	4·4	·472	·441	71	75	SW 2	SW 0·5	8	0	—	[≺ ☂ *p*.
20	·70	·63	67·7	63·5	56·4	75·7	5·8	2·0	·470	·514	70	88	SW 5	SW 1	5	3	·010	Very fine and sunny.
21	·47	·63	67·8	58·3	58·0	74·4	3·5	4·8	·546	·351	81	72	SSW 3	SSW 3	10	0	·140	Distant T ● *a*. Very fine afternoon.
22	·72	·76	64·1	60·0	53·5	73·2	6·3	3·3	·396	·415	66	80	SW 5	SW 2	8	4	·042	●² 4*p*. Fine sunset. [●² *p*.
23	·84	29·80	63·1	56·2	48·9	70·1	4·6	0·5	·427	·436	74	97	SW 3	SSW 1	2	7	·037	Very fine and sunny. ● 3*p*. T ●⁰ 7*p*.
24	29·87	30·00	61·6	56·9	48·6	69·5	5·0	3·3	·393	·367	72	80	W 2	W 1	1	2	·005	Very fine and sunny. ●² 3*p*. Ψ
25	30·11	·11	61·7	57·9	47·1	67·4	5·0	5·2	·394	·335	72	70	NW 4	WNW 2	7	0	—	
26	·12	·05	57·6	55·1	50·3	65·8	3·8	2·3	·366	·369	78	85	NW 3	NW 0·5	7	8	·018	
27	·01	·08	55·0	53·0	48·2	62·5	1·3	2·3	·394	·340	91	84	NE 0·5	NE 1	10	4	·047	●² 9*a*. and 1*p*. Fine *p*. Lunar ◠
28	·18	·22	59·9	46·0	42·0	65·5	5·1	0·3	·365	·304	70	98	NE 4	NE 0·5	7	0	—	☂² *p*. [9*p*. Ψ
29	·21	30·15	60·0	56·3	41·4	66·3	4·6	0·9	·379	·425	73	94	NE 2	NE 0·5	8	10	—	Cloudy from 3*p*.
30	30·05	29·93	63·7	59·0	48·7	74·7	5·0	2·3	·425	·427	72	86	N 0·5	NNW 0·5	6	0	—	☂ ☂ Ψ *p*. Fine and sunny.
31	29·84	29·88	61·1	53·9	53·3	64·3	3·3	0·4	·431	·404	80	98	N 1	N 0·5	10	10	·084	☂ *p*. Overcast and gloomy. ● showers *p*.
Mean	29·909	29·913	65·1	60·1	53·6	73·7	4·7	2·6	·463	·442	74·8	84·6	2·3	1·0	6·6	4·7	1·425	

CHURCHSTOKE.—AUGUST 1893.

Height above Mean Sea Level, 538 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5′ W. Lat. 52° 31′ N. Gravity Correction, + ·018 in.

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind, Direction and Force. 9 a.m.	9 p.m.	Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·42	29·29	57·5	57·2	48·0	63·3	0·5	0·2	·437	·462	96	99	W 3	Calm 0	9	10	·189	Breezy and fresh. ● showers *p*.
2	·30	·28	60·0	57·5	52·8	65·9	0·7	1·5	·494	·427	96	90	W 3	W 3	8	10	·052	Overcast and cool.
3	·09	·13	61·0	58·5	52·8	69·9	0·1	2·7	·533	·409	99	83	WSW 5	W 1	10	4	·289	Squally, with ●².
4	·07	·10	55·9	56·9	53·4	65·3	1·9	2·9	·391	·379	88	82	SW 1	SW 2	8	9	·096	
5	·31	·48	58·2	47·9	47·9	62·9	3·2	3·0	·389	·363	80	80	WNW 2	NW 1	8	0	—	Cloudy and cool.
6	·50	·39	59·2	55·9	39·4	61·9	1·3	1·4	·461	·406	92	92	SW 2	SW 2	10	10	·155	Steady ●.
7	·41	·49	66·2	61·2	55·9	74·4	5·8	2·1	·444	·470	69	88	SW 2	W 1	8	4	—	Bright and fresh.
8	·51	·51	66·0	67·0	59·8	79·1	6·3	5·1	·427	·479	67	73	SSE 0·5	SE 2	8	0	—	Bright and fresh.
9	·44	·34	73·0	70·0	56·0	82·3	8·6	1·1	·485	·684	60	93	SE 3	SSE 3	8	0	—	≺ ☂
10	·33	·40	70·4	58·2	58·0	77·2	0·8	1·2	·708	·447	96	92	SSE 1	SSE 1	6	0	·071	Distant ☈ ● 6*p*.—7*p*.
11	·46	·51	64·9	65·0	55·2	69·0	3·5	1·9	·491	·548	80	89	S 1	W 2	10	10	·169	Overcast and cooler. ● showers *p*.
12	·58	·59	67·1	60·0	60·0	77·7	4·2	2·6	·509	·434	77	84	Calm 0	Calm 0	8	2	—	Close and hot. ☂ *p*.
13	·60	·59	68·2	67·2	56·0	78·6	5·3	3·0	·494	·552	72	83	Calm 0	W 2	3	0	—	Bright and hot. ☂ ∞
14	·63	·62	65·0	69·0	61·0	83·6	1·3	3·3	·568	·580	92	82	Calm 0	W 1	10	4	—	≋⁰ (mist) *a*. Very hot day.
15	·61	·55	76·2	65·0	58·0	85·9	8·9	4·1	·537	·473	59	78	SSE 3	Calm 0	1	0	—	☂ ∞. Very hot.
16	·55	·53	66·5	64·3	58·2	80·1	3·6	2·4	·518	·516	80	86	SW 2	Calm 0	10	0	—	☂ *p*.
17	·49	·38	64·8	69·2	54·4	84·2	3·9	1·3	·477	·659	79	92	S 2	S 1	3	0	—	☂ *a*. Bright and hot.
18	·17	·19	73·8	65·0	58·0	80·0	6·9	3·3	·552	·500	67	82	SE 2	SE 2	8	1	—	☂ *a*. Bright and breezy.
19	·27	·23	70·0	60·0	58·4	75·1	8·1	3·0	·443	·424	61	82	SW 2	SSW 2	5	2	·170	☂ *a*. Bright and fresh. ● at night.
20	29·11	·00	63·4	62·8	59·5	72·1	2·3	1·9	·501	·503	87	88	WSW 3	SW 2	9	10	·210	● at night.
21	28·94	·15	63·5	57·3	57·0	68·0	7·3	3·8	·361	·361	62	77	SW 2	SW 3	6	4	—	Bright and fresh. ➶ 5*p*.—6*p*. ☂ *p*.
22	29·15	·32	64·2	54·4	54·0	66·9	6·1	2·2	·403	·362	67	85	SW 3	S 1	9	1	·370	●² showers.
23	·32	·36	63·5	52·1	50·1	67·9	5·8	1·1	·400	·360	69	92	WSW 3	Calm 0	2	1	·004	Bright and breezy. ∞. Lunar ◠ 9*p*.
24	·40	·60	61·0	58·0	51·4	65·1	5·8	3·4	·362	·381	68	79	W 4	W 2	4	9	·001	Breezy, cloudy, and cool.
25	·69	·72	59·7	49·9	48·5	67·1	5·7	1·4	·348	·323	67	91	NW 2	W 1	5	0	—	Bright and fresh.
26	·71	·65	56·4	50·9	40·8	63·3	3·4	3·1	·358	·295	79	80	NW 2	W 1	8	2	—	Cloudy and cool.
27	·60	·66	58·0	52·9	46·8	61·1	4·2	1·9	·361	·349	75	87	NW 2	NW 1	10	10	·084	Cloudy and cool, with ● showers.
28	·74	·78	53·4	45·0	39·0	63·4	2·4	1·1	·343	·273	84	91	NNW 2	NNW 1	10	2	—	Cloudy and cool. ∞
29	·77	·70	56·7	58·0	37·8	67·7	3·9	3·5	·351	·378	76	79	NNW 2	NW 1	6	10	—	Cool wind. Dull evening.
30	·61	·54	61·6	51·9	51·2	72·1	6·8	1·7	·346	·342	64	88	WNW 3	NW 1	1	3	—	Bright and warm. ☂ *p*.
31	29·44	29·44	60·8	56·9	50·6	72·1	4·0	0·5	·407	·447	78	97	NNW 2	WSW 2	9	10	·130	Cloudy, with ● showers.
Mean	29·426	29·435	63·4	58·9	52·6	71·7	4·3	2·3	·449	·435	77·0	85·9	2·1	1·4	7·1	4·1	1·930	

CARMARTHEN.—AUGUST 1893.

Height above Mean Sea Level, 188 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 4° 18′ W. Lat. 51° 52′ N. Gravity Correction, + ·018 in.

1	29·76	29·67	60·6	59·3	50·1	63·8	5·8	0·5	·357	·487	68	97	W 3	SW 3	9	10	·200	Dull, with ●.
2	·74	·66	60·6	58·8	54·5	68·2	4·2	0·6	·399	·477	76	96	NW 3	SW 6	7	10	·310	Fine, then ●.
3	·46	·46	62·8	57·8	57·8	67·5	0·5	1·1	·554	·444	97	93	SW 8	Calm 0	10	2	·440	Stormy, with ● showers. Fine even-
4	·45	·49	57·6	57·6	55·8	66·5	2·4	3·2	·403	·381	84	80	W 5	W 4	8	2	·080	● showers. [ing.
5	·72	·86	59·6	51·7	51·5	60·0	2·8	2·5	·422	·319	83	83	W 3	Calm 0	8	2	—	
6	·85	·74	58·3	60·3	46·3	60·8	2·5	0·5	·412	·307	84	97	SW 1	S 4	10	10	·380	Dull, with ●.
7	·75	·82	66·0	62·8	60·0	71·0	3·2	0·5	·522	·554	82	97	SW 4	Calm 0	8	4	—	∞ *a*. and *p*. Sultry.
8	·83	·80	67·0	67·4	61·0	79·4	4·9	7·9	·485	·406	74	60	SE 1	Calm 0	9	1	—	Fine day.
9	·71	·65	78·9	68·3	65·0	81·3	12·2	4·6	·487	·518	49	75	SE 2	Calm 0	3	5	—	Sultry. ≺
10	·67	·73	68·4	64·4	58·0	74·8	5·1	1·6	·503	·056	73	91	S 3	S 1	5	7	·030	Dull day.
11	·82	·84	65·3	64·3	63·0	66·0	3·0	0·5	·514	·584	83	97	S 2	SW 3	10	10	·700	Dull, with ●.
12	·93	·93	68·7	66·2	63·5	76·0	2·1	1·4	·615	·590	88	92	Calm 0	Calm 0	9	9	—	
13	·95	·93	68·3	68·4	64·0	78·0	3·0	3·6	·574	·554	83	80	S 1	Calm 0	9	0	—	Fine day.
14	·96	·96	76·9	71·9	60·0	82·9	7·7	6·6	·592	·524	64	66	E 2	Calm 0	2	3	—	Fine day.
15	·95	·90	77·9	69·4	59·5	84·3	10·7	4·6	·514	·541	54	75	W 2	Calm 0	2	0	—	Fine day.
16	·93	·90	65·6	62·8	62·0	75·0	1·3	1·7	·582	·511	92	90	SW 1	SW 1	10	5	—	Fine day.
17	·83	·66	69·1	69·7	59·0	78·8	4·8	4·7	·529	·617	75	84	SE 1	Calm 0	9	5	—	Fine day.
18	·55	·53	70·4	64·8	59·0	73·5	5·7	1·0	·524	·576	70	94	SW 3	SW 4	8	8	·280	Fine day. ● showers from 6*p*.
19	·62	·58	67·7	63·1	58·0	71·4	4·0	3·0	·528	·473	78	82	SW 6	SW 5	7	5	·390	Fine day.
20	·50	·38	64·3	64·3	62·0	69·8	5·0	1·0	·434	·566	73	94	W 3	SW 6	7	10	·500	Stormy.
21	·33	·52	65·6	58·6	58·6	66·8	8·5	1·9	·364	·433	57	88	W 5	W 3	5	5	·060	● showers.
22	·50	·68	64·6	57·3	56·0	67·5	4·3	2·9	·461	·385	77	81	SW 5	W 1	8	4	·020	● showers.
23	·70	·75	64·8	54·9	52·0	68·4	5·5	1·5	·430	·386	71	91	W 2	W 1	6	2	·010	● showers.
24	29·83	29·98	62·8	57·2	50·0	67·0	5·5	1·6	·397	·421	70	90	NW 3	W 1	5	4	—	Fine day.
25	30·08	30·12	63·8	53·1	51·5	68·5	7·1	1·9	·371	·352	63	86	NW 2	Calm 0	5	2	—	Fine day.
26	·10	·06	59·8	50·7	46·7	68·4	2·5	1·5	·434	·331	85	89	NW 1	Calm 0	4	0	—	Fine day.
27	·00	·00	58·8	56·6	45·7	66·0	3·5	3·7	·391	·355	79	77	NW 1	N 1	9	10	·020	● showers.
28	·11	·12	58·6	56·6	46·2	67·5	5·7	4·0	·333	·345	68	76	E 1	E 1	2	0	—	Fine day. ∞ 9*p*.
29	·12	30·05	62·8	59·8	44·3	69·0	5·0	3·1	·410	·418	72	81	E 2	E 2	2	8	—	
30	30·00	29·93	63·6	55·2	55·0	67·2	5·1	2·0	·421	·378	72	87	N 1	N 1	9	3	—	Fine day.
31	29·83	29·83	61·4	59·8	55·0	68·4	3·7	1·9	·425	·453	79	88	N 2	NW 1	10	10	—	
Mean	29·792	29·791	65·2	61·1	55·8	70·8	4·8	2·4	·464	·466	74·9	85·7	2·5	1·6	6·9	5·0	3·420	

MARGATE.—AUGUST 1893.

Height above Mean Sea Level, 83 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 24′ E. Lat. 51° 24′ N. Gravity Correction, + ·017 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·86	29·85	58·5	57·0	51·4	67·0	3·0	1·7	·400	·415	81	89	NNW 2	W 1	3	0	·050	Fine day.
2	·74	·83	63·8	59·6	56·4	69·2	2·8	2·8	·492	·422	84	83	W 2	W 2	6	2	—	Fine day.
3	·82	·78	64·8	62·5	52·4	68·2	3·0	2·5	·505	·480	84	85	SW 4	SW 2	8	3	·090	☄
4	·66	·65	62·7	57·0	52·0	70·0	0·5	1·5	·552	·419	97	90	SSW 4	SW 3	10	0	·300	● 2 noon.
5	29·79	29·88	63·0	60·0	55·4	67·8	5·2	7·2	·407	·316	71	61	WSW 3	NNW 3	7	0	—	Breezy.
6	30·03	30·02	60·2	59·0	55·4	64·0	5·3	4·0	·364	·379	70	76	N 1	N 1	6	10	—	Warm.
7	·00	·03	63·8	60·9	56·9	76·2	6·8	2·9	·378	·441	64	83	W 1	W 1	7	0	—	Fine day.
8	·09	30·00	74·7	67·0	56·4	78·8	10·2	3·0	·469	·548	55	83	SW 1	SE 2	4	0	—	Fine day.
9	30·01	29·91	71·0	68·2	62·4	74·0	7·2	4·4	·487	·524	64	76	E 1	SE 3	0	0	·040	Very fine.
10	29·82	29·94	66·5	66·3	63·4	77·0	2·2	4·8	·566	·477	87	74	SE 1	SW 1	10	3	·100	Dull day. ● 0.
11	30·07	30·07	65·3	67·3	58·4	77·3	3·5	4·3	·498	·511	80	76	SW 2	W 2	10	10	·070	Fine day.
12	·06	·06	66·3	68·0	62·4	75·5	5·0	1·2	·469	·635	73	93	W 2	Calm 0	10	0	—	Fine day.
13	·09	·10	65·8	61·3	60·9	69·3	1·5	2·1	·378	·472	91	87	W 1	W 1	10	0	—	≋0 a. Very fine.
14	·14	·14	68·4	63·2	58·4	72·5	6·1	2·2	·473	·503	68	87	SW 1	S 1	0	0	—	Very fine.
15	·13	30·09	73·7	65·3	59·4	82·1	7·4	4·1	·535	·479	64	77	S 1	S 1	0	0	—	Very hot.
16	·05	29·98	75·5	72·0	61·4	88·0	10·3	7·0	·479	·512	54	65	S 2	S 2	3	0	—	Very hot.
17	30·05	·92	73·7	70·6	62·4	88·4	7·7	4·6	·526	·566	63	75	SSW 2	S 2	4	0	—	Very hot.
18	29·77	·76	81·0	70·0	67·4	93·4	9·0	0·9	·637	·694	60	95	S 2	SW 3	0	6	—	Very hot indeed.
19	·82	·86	71·2	61·0	60·4	73·2	2·7	1·0	·650	·501	85	94	SW 3	SW 2	8	0	—	Dull and rough.
20	·80	·73	70·7	66·0	60·0	76·0	7·2	2·0	·482	·564	64	88	SW 3	SW 3	0	3	—	☋
21	·60	·71	68·4	67·6	60·0	72·2	2·4	8·4	·598	·397	86	59	SW 4	WSW 3	10	0	·070	● 0.
22	·81	·85	65·7	62·5	53·4	71·3	3·4	0·8	·511	·537	81	95	WSW 3	WSW 3	10	7	—	☋
23	·90	29·86	65·0	58·7	58·4	70·5	4·0	2·4	·477	·419	78	85	WSW 2	W 2	6	7	—	Fine day.
24	29·92	30·09	64·3	61·5	53·0	71·3	5·7	1·2	·415	·503	69	93	W 4	W 3	1	0	—	Fine day. ☄
25	30·16	·15	62·8	64·0	53·0	70·0	2·6	4·5	·482	·446	84	75	WNW 2	NW 3	0	6	—	Very fine.
26	·15	·07	60·3	61·2	55·4	66·3	3·8	4·4	·406	·403	78	75	N 2	N 2	4	9	—	Fine day.
27	·02	·06	59·5	57·1	54·4	62·0	4·5	2·8	·374	·385	73	82	N 1	NE 3	10	3	·170	Dull day. ●
28	·14	·18	62·6	59·0	55·6	66·0	2·8	5·2	·472	·349	84	70	NNE 3	NE 1	4	2	·020	Fine day.
29	·22	30·13	59·6	61·0	55·4	67·3	4·1	2·6	·386	·453	76	84	NNE 2	NE 1	9	0	—	Fine day.
30	30·06	29·95	61·0	57·1	56·4	67·0	2·5	1·9	·456	·410	85	87	NNE 1	NE 1	10	0	·010	Very fine.
31	29·85	29·87	61·0	61·1	55·4	70·0	2·9	4·1	·443	·410	83	76	N 1	NE 1	8	10	·040	Very fine and close.
Mean	29·956	29·951	66·2	63·0	57·5	73·0	4·7	3·3	·483	·470	75·4	81·2	2·1	1·9	5·7	2·9	0·960	

SOUTHAMPTON.—AUGUST 1893.

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24′ W. Lat. 50° 55′ N. Gravity Correction, + ·016 in.

1	29·94	29·87	63·6	60·7	48·7	71·0	5·2	1·6	·419	·477	71	91	W 1	SW 1·5	9	10	·070	Beautiful day. ● 0 from 7p.
2	·83	·89	68·5	57·2	57·2	73·1	5·0	3·7	·510	·362	73	77	NW 3·5	SW 1	7	1	—	Beautiful day.
3	·80	·74	63·1	62·9	54·4	68·0	2·5	2·3	·492	·495	85	87	SW 4·5	SW 5	10	10	·057	Dull, with ☄.
4	·67	·69	64·2	58·4	57·4	70·3	3·1	1·4	·492	·445	82	91	WSW 2·5	SW 2	10	2	·400	Beautiful day till 3p. ☈2 ●2 p.
5	29·81	29·96	65·7	56·3	54·4	71·5	5·7	4·1	·438	·341	69	74	W 4	NW 1	2	1	—	
6	30·05	30·02	62·4	58·2	46·4	64·8	6·2	2·7	·373	·404	66	83	SSE 1	SSW 2	7	10	·038	☋ a. Beautiful day till 4p., then ●.
7	·01	·04	64·3	61·8	57·6	74·3	2·6	2·4	·511	·472	85	85	SW 3	Calm 0	10	1	—	Beautiful day from 9a. ☋ n.
8	30·04	30·01	72·0	70·0	57·1	79·3	7·4	6·6	·502	·489	63	67	SE 3	E 4	9	0	—	Beautiful day and *very* warm. [< 2 n.
9	29·93	29·82	78·0	75·0	63·9	82·6	12·0	9·5	·478	·495	50	57	SE 4	SE 4·5	0	5	—	Very warm all day, pleasant breeze.
10	29·89	29·95	68·6	66·3	61·7	76·1	4·7	3·3	·522	·525	75	81	W 2	SW 2	9	0	—	Beautiful day and very warm. < p.
11	30·04	30·09	68·8	65·2	61·9	75·0	4·2	1·8	·541	·555	77	89	SW 2	S 2	10	7	·002	Beautiful day, but very warm and close.
12	·11	·10	69·9	69·8	63·9	75·5	3·1	2·1	·607	·643	82	88	SW 2	SW 0·5	10	5	—	☋ a. Very hot and close all day.
13	·09	·10	76·5	70·7	63·3	80·9	6·4	2·9	·630	·631	69	83	SSW 1	SE 1·5	5	9	—	Very warm, but with pleasant breeze.
14	·14	·14	73·5	66·5	59·9	77·9	6·9	2·9	·547	·543	66	83	ESE 1·5	SSE 0·5	0	0	—	Very warm, but with pleasant breeze.
15	·14	·10	75·7	68·1	57·8	81·7	7·1	4·3	·587	·525	66	76	SSW 1	SE 1	5	0	—	☋ a. *Very* hot all day.
16	·07	30·02	75·1	68·9	57·3	87·0	8·5	3·9	·528	·553	60	78	SE 1·5	SW 1·5	1	0	—	☋ a. *Very* hot all day.
17	30·01	29·87	74·8	71·0	59·9	85·0	6·1	6·3	·604	·516	70	68	SSW 1	SE 2·5	1	0	—	Very hot *a.* Cooler *p.* < from 9p.
18	29·73	·79	80·4	67·8	65·1	82·5	11·1	2·9	·551	·570	53	84	SSW 2·5	SW 2	1	2	—	Fine, with cool breeze.
19	·83	·87	69·0	64·5	61·9	74·5	5·6	2·7	·519	·511	71	85	SW 2	SW 2	6	0	—	Fine, with ☄ *a.* ● 0 noon—4p.
20	·77	·71	67·0	63·5	61·7	68·5	3·6	1·4	·540	·536	80	92	SW 5·5	SW 3	10	9	·433	
21	·54	·74	65·4	61·0	61·0	73·0	0·7	2·2	·600	·464	96	87	SW 5·5	SW 1·5	10	1	·008	☄ ● till 9a., then beautiful day.
22	·80	·89	65·9	61·8	55·9	70·4	3·4	1·0	·514	·489	81	88	SW 4·5	SW 1·5	9	6	·180	● 0 shower 8a. Beautiful day.
23	29·90	29·94	58·4	58·9	57·9	68·3	0·9	1·4	·461	·453	95	92	NE 0·5	SW 1	10	1	·075	● a. Beautiful p. ☋ n.
24	30·03	30·15	66·7	58·3	52·1	73·2	5·9	2·5	·451	·411	69	84	WNW 2·5	NW 1	9	1	—	☋ a. Beautiful day.
25	·22	·21	68·0	58·0	52·1	74·2	6·9	1·9	·444	·424	64	88	WNW 2	WNW 1	2	0	—	☋ a. and p. Beautiful day.
26	·22	·13	65·2	58·7	46·3	70·7	5·9	4·3	·425	·368	69	74	NW 2	NW 1	3	3	—	Beautiful day.
27	·10	·11	63·0	56·6	48·9	67·6	6·6	2·4	·371	·389	65	84	NW 2·5	ENE 1	6	10	—	Beautiful day. Evening cool.
28	·20	·23	57·5	56·4	47·6	71·3	3·4	3·5	·375	·358	79	78	NE 2·5	NE 0·5	9	0	—	Beautiful day. ☋ n.
29	·24	30·15	63·8	55·8	46·2	68·8	6·5	3·1	·386	·360	66	80	NNE 2	NNE 1	0	0	—	☋ a. and p. Beautiful day.
30	30·09	29·98	60·7	63·9	53·2	71·6	3·4	4·1	·423	·457	80	76	NNE 0·5	NNW 0·5	10	5	—	≋0 a. and p.
31	29·93	29·90	62·1	61·0	51·2	70·5	4·1	3·0	·426	·439	76	82	NW 1·5	NW 1·5	7	10	·029	Beautiful day.
Mean	29·972	29·974	67·7	63·0	56·3	74·2	5·3	3·2	·492	·474	72·7	81·7	2·4	1·6	6·4	3·5	1·292	

PLYMOUTH.—AUGUST 1893.

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 74 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 4° 8′ W. Lat. 50° 22′ N. Gravity Correction, + ·015 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·85	29·75	63·0	60·0	51·9	65·4	3·7	0·9	·451	·489	78	94	NW	N by W	6	10	·350	
2	·79	·76	61·0	60·0	56·9	66·7	5·1	2·0	·381	·453	71	88	WNW	SW	8	7	—	
3	·66	·60	62·5	58·8	57·4	63·7	1·7	0·0	·505	·496	89	100	SW	SW	10	10	·325	Overcast all day.
4	·56	·65	64·0	59·2	57·5	67·0	4·2	1·4	·456	·459	76	91	WSW	SW	7	3	·090	● 2.
5	·78	·90	63·0	55·9	54·8	65·5	6·2	2·9	·382	·365	66	82	WNW	NNW	9	1	·010	
6	·91	·79	59·5	59·8	48·8	60·1	3·1	0·0	·415	·514	81	100	SE	SW	10	10	·195	● 9a. Overcast all day
7	·86	·88	61·8	61·0	58·8	65·9	0·0	2·2	·552	·465	100	86	Calm	SE	10	6	·010	≋ a., then fine and clear.
8	·85	·78	69·9	68·5	59·6	75·3	5·6	7·1	·518	·447	71	64	ESE	E	9	8	—	Fine and clear all day.
9	·74	·74	70·4	63·0	62·2	76·2	7·1	0·0	·480	·576	64	100	E	SW	4	8	—	Fine and clear all day. ≋ 9p. < 10p.
10	·73	·81	66·5	63·5	60·0	67·8	2·2	0·5	·568	·568	87	97	SSE	SW	4	9	·015	
11	·89	·96	65·5	63·7	61·7	67·9	1·2	0·4	·584	·576	93	98	SSW	SW	10	10	·005	Dull, with ≋ all day.
12	·99	·99	65·7	63·7	62·1	68·4	0·0	0·0	·633	·590	100	100	SW	S	10	1	—	Dull, with ≋ all day.
13	·96	·97	65·0	65·0	57·5	67·5	0·5	1·2	·598	·574	97	93	SSE	Calm	4	1	—	
14	·96	·99	68·9	67·9	59·5	72·8	4·1	0·5	·550	·661	77	97	E	ENE	4	1	—	
15	·97	·97	74·9	67·1	60·6	78·8	8·1	2·8	·537	·558	62	84	E	E	1	1	—	
16	·95	·93	67·9	63·9	57·5	74·8	3·1	1·1	·564	·556	83	93	SE	NNW	5	1	·005	
17	·85	·73	63·0	67·0	59·0	72·0	0·0	3·1	·576	·546	100	83	Calm	NE	10	0	—	≋ a., then clear.
18	·60	·65	67·4	65·1	56·7	69·3	2·1	1·4	·590	·568	88	91	S	SW	10	7	—	
19	·67	·70	68·4	65·2	58·1	70·4	3·6	2·0	·558	·548	80	88	SW	SW	6	5	·340	● 2 shower noon (·120 in 5 mins.).
20	·59	·53	67·2	65·5	62·6	68·6	3·8	0·7	·526	·603	79	95	SW	SSW	4	10	·280	Fine, then overcast and squally.
21	·47	·64	66·0	62·0	61·0	69·1	5·7	4·7	·444	·407	69	73	WSW	WSW	2	1	·175	
22	·62	·76	64·0	61·0	58·5	67·8	1·2	3·0	·554	·439	93	82	W	SSW	7	9	·125	● showers till 10a., then fine.
23	·77	29·83	62·0	60·2	56·7	69·8	2·2	2·3	·482	·447	86	86	SW	W	5	4	—	Fine and clear all day.
24	29·95	30·07	64·5	58·9	56·4	71·3	5·2	2·9	·433	·409	71	82	WNW	NW	6	3	—	≋0 (mist) 9a. Fine and clear all day.
25	30·11	·13	64·5	58·8	51·8	69·1	4·7	3·1	·449	·403	73	82	WNW	NNW	4	3	—	≋0 (mist) 9a. [☋
26	·12	30·06	63·5	58·1	51·3	70·3	6·6	4·0	·378	·367	65	76	NW	N	1	0	—	
27	·01	29·98	61·8	58·9	48·4	66·4	6·9	3·9	·348	·381	63	76	N by W	NNE	4	9	·015	Fine day. ☋ ☋
28	·08	30·10	59·5	57·0	53·4	66·9	7·1	4·8	·313	·333	62	71	ENE	ENE	4	2	—	Fine and sunny all day.
29	30·11	30·05	62·0	56·0	51·9	67·1	9·1	2·3	·302	·382	54	85	ENE	ENE	0	8	—	Fine and sunny all day.
30	29·98	29·93	65·5	59·2	52·9	70·5	7·2	3·1	·396	·409	63	81	ENE	NNE	9	0	—	Overcast most of day.
31	29·86	29·84	62·0	60·0	52·6	62·6	5·1	2·3	·397	·444	72	85	N by W	NNE	9	4	·035	Overcast most of day.
Mean	29·846	29·853	64·9	61·7	56·7	68·9	4·1	2·1	·481	·485	77·8	87·2	—	—	6·2	4·9	1·955	

LONDONDERRY.—AUGUST 1893.

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

1	29·80	29·77	56·8	56·7	52·0	65·2	0·9	1·5	·435	·415	94	90	SW 1	SW 2	10	10	·110	● during day.
2	·76	·50	59·7	59·7	53·4	63·0	3·7	0·1	·399	·509	78	99	SW 2	SW 3	10	10	·670	● noon—8p.
3	·40	·46	59·0	55·7	54·0	66·0	4·0	2·0	·380	·388	76	87	SW 4	SW 2	6	3	·080	● showers.
4	·32	·57	62·6	56·7	50·8	64·0	5·5	2·0	·395	·401	70	87	SW 2	NW 1	10	10	·250	Constant ● 9a.—noon. ● showers in [evening.
5	·86	·98	56·4	51·7	49·0	75·0	5·4	2·0	·312	·332	68	87	NW 4	NE 1	5	0	·010	◠ 8a. Fine all day.
6	·83	·69	57·0	59·6	43·0	60·0	3·6	1·0	·361	·479	77	94	SE 1	Calm 0	10	10	·590	Constant ● 9a.—8p.
7	·64	·83	63·5	63·7	52·0	72·4	1·2	2·7	·543	·496	93	84	SW 3	SW 1	10	10	·030	
8	·88	·96	65·7	62·8	60·8	71·8	3·1	2·2	·520	·497	82	87	SW 2	SE 2	10	10	·020	● 0 during day.
9	·90	·79	67·5	65·5	57·2	78·3	3·6	1·6	·539	·569	80	90	E 1	SE 1	9	10	·410	☈ (● 2 at times) 8p.—midt.
10	·72	·72	70·3	62·7	58·0	76·6	4·2	2·0	·575	·501	77	88	E 1	E 1	7	10	·010	☈ till 10a. Fine day. ● at night.
11	29·73	29·85	64·7	61·7	59·8	75·0	3·6	2·2	·485	·477	80	87	SE 2	Calm 0	10	0	·100	Fine day.
12	30·00	30·04	66·7	59·9	57·2	80·0	1·3	2·2	·605	·446	92	87	SW 2	Calm 0	6	1	—	Fine and warm.
13	·02	·04	67·7	65·7	55·4	79·0	3·0	0·8	·563	·602	83	95	SW 2	Calm 0	6	8	·660	● 2 4p.—6p. ☳ 6p.
14	·05	30·06	72·0	66·6	63·0	83·3	4·4	1·9	·624	·581	77	89	E 2	Calm 0	6	1	·010	● 7p.
15	·01	29·99	71·7	66·7	59·6	84·0	4·4	1·7	·596	·590	77	90	SE 1	SW 1	7	10	·130	☳ ● 2 4p.
16	30·01	·88	66·3	67·0	61·2	76·0	5·0	3·3	·471	·539	73	82	W 2	SW 2	10	10	·010	
17	29·79	·65	65·8	65·9	63·5	74·5	3·3	3·0	·516	·528	82	83	SE 1	SW 1	10	10	·080	Dull all day.
18	·54	·59	63·9	58·5	58·0	75·3	2·3	2·8	·513	·404	87	81	SW 1	SW 1	10	2	—	Fine day.
19	·58	·40	65·5	60·6	55·1	75·0	5·5	1·2	·440	·489	70	92	SW 3	SW 4	6	9	·050	● showers during day.
20	29·42	·20	65·4	58·1	55·1	70·0	5·8	0·7	·430	·461	69	95	SW 4	SW 1	10	10	·260	● from 7p.
21	28·84	·32	56·7	56·9	53·5	60·9	3·5	1·8	·360	·409	78	89	SW 5	WSW 3	10	7	·300	☄ ● showers all day.
22	29·45	·64	60·1	54·7	51·8	65·0	4·1	1·1	·394	·397	76	93	SSW 2	W 3	10	1	·190	● showers during day.
23	·68	29·66	58·3	53·5	51·5	61·2	3·2	2·1	·392	·351	80	86	SW 2	SW 2	9	10	·690	● showers all day.
24	29·81	30·03	59·3	53·8	49·7	64·0	5·7	1·7	·341	·366	68	88	NW 2	W 2	7	7	·040	● showers during day.
25	30·16	·24	60·7	55·0	51·2	63·7	7·2	3·2	·326	·344	61	80	NW 3	NW 3	7	8	·020	● showers.
26	·24	·22	58·2	55·8	51·5	64·0	4·8	2·5	·350	·375	72	84	NW 2	NW 3	7	8	·060	
27	·20	·23	59·2	55·6	52·4	65·5	3·9	1·1	·386	·411	77	93	NNW 1	NE 2	10	10	·040	● from 4p.
28	·29	·33	60·2	50·2	48·9	63·0	2·2	1·3	·450	·330	87	91	NE 1	NNE 2	10	0	·080	● in afternoon.
29	·33	·28	56·7	55·7	48·4	63·0	4·0	3·0	·349	·361	75	81	NW 1	NW 1	10	10	—	
30	30·18	30·09	58·6	58·7	54·0	62·5	3·3	2·7	·393	·411	80	83	NW 2	NW 1	10	10	·040	
31	29·97	29·98	59·1	59·0	52·2	61·6	0·9	1·6	·473	·448	94	90	NW 2	NW 2	10	10	·040	● 0 during day.
Mean	29·820	29·838	62·5	59·2	54·3	69·6	3·8	1·9	·449	·449	78·5	88·1	2·1	1·5	8·6	7·0	4·980	

Armagh.—August 1893.

Height above Mean Sea Level, 196 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 39′ W. Lat. 54° 21′ N. Gravity Correction, + ·025 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	Dep. of Wet. 9 p.m.	Vapour Tension. 9 a.m.	Vapour Tension. 9 p.m.	Per-centage. 9 a.m.	Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind 9 p.m.	Cloud Amount. 9 a.m.	Cloud 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·70	29·65	57·6	55·3	50·8	64·2	0·6	2·3	·457	·372	96	85	S 1	NW 0·5	10	10	·160	Unusually fine double ⌒ 7.15p.
2	·66	·41	59·4	60·3	53·0	64·1	4·6	0·4	·371	·510	73	97	SW 1	SW 1	10	10	·695	
3	·31	·33	61·0	53·7	52·7	66·5	4·0	1·1	·410	·381	77	92	W 1	SW 1	8	7	·172	
4	·24	·42	59·8	55·9	50·8	62·8	4·1	2·0	·390	·391	76	87	SW 2	NW 1	8	8	·205	
5	·71	·85	55·3	50·0	49·0	63·5	3·7	1·8	·337	·314	77	87	NW 1	N 0·5	9	1	·030	
6	·73	·56	55·8	60·1	44·6	60·3	1·8	0·0	·393	·520	88	100	SSE 3	SW 1	10	10	·592	Overcast all day.
7	·55	·71	65·2	62·7	56·3	69·3	4·6	1·2	·463	·528	75	93	SSW 3	S 1	10	10	·015	
8	·78	·83	64·6	61·7	59·0	70·0	2·5	2·8	·520	·459	85	83	SSW 1	SE 0·5	10	10	—	Overcast all day.
9	·75	·67	64·9	62·8	57·5	76·7	4·0	0·2	·476	·565	78	99	E 1	S 1	10	10	·450	⚡ 6.30p.—midt.
10	·61	·62	66·6	60·9	57·3	68·8	4·0	1·0	·508	·501	78	94	SSE 2	SSE 2	4	7	—	
11	·62	·74	61·6	63·6	60·0	74·0	2·4	4·0	·469	·455	85	77	SSE 3	SW 1	10	0	·029	
12	·89	·91	65·8	61·8	57·5	73·5	4·8	3·5	·467	·438	74	80	SW 1	SSW 1	4	6	—	
13	·91	·92	65·1	66·8	54·0	75·8	2·0	3·0	·546	·546	88	83	SSE 1	SSW 0·5	10	10	·050	< 10p.
14	·94	·93	71·2	67·9	60·1	76·2	5·3	4·7	·555	·509	72	74	SSE 2	SSE 0·5	3	7	—	
15	·90	·85	73·3	67·9	56·8	79·0	7·2	2·3	·533	·593	65	87	S 1	SSW 1	5	10	—	T 5.30p.
16	·89	·79	64·0	66·6	58·9	73·2	3·9	3·7	·464	·518	78	80	WSW 1	SSW 1	10	10	—	
17	·70	·58	66·3	65·6	61·0	73·2	3·3	3·0	·525	·522	81	83	S 2	S 2	10	10	·100	
18	·41	·48	61·8	61·8	60·8	69·4	0·9	5·0	·521	·396	94	72	SW 1	SW 1	10	8	·142	
19	·48	·31	64·1	62·1	55·2	70·1	4·1	3·4	·460	·446	77	80	SSW 2	SSW 4	4	10	·548	⚡ 3p.
20	29·32	·07	63·8	56·4	56·4	67·2	5·7	0·4	·408	·443	69	97	SW 3	NE 2	8	10	·812	● p.
21	28·88	·27	56·9	55·8	47·0	62·2	4·2	2·2	·346	·384	74	86	SSW 6	SW 3	10	7	·220	↗ (35 miles per hour) 10a.
22	29·36	·52	55·8	53·9	53·1	62·5	1·2	1·9	·411	·361	92	87	SSW 3	SSW 1	10	0	·100	
23	·57	·59	60·2	53·6	52·0	62·9	5·4	2·7	·362	·338	69	81	SW 1	SSW 1	7	9	·168	
24	29·72	29·91	57·4	55·2	50·5	65·7	3·4	3·0	·373	·352	79	81	WSW 1	SW 1	6	10	—	
25	30·04	30·11	56·8	51·6	49·0	64·0	3·2	1·7	·370	·338	80	88	WNW 1	NW 0·5	9	0	—	
26	·10	·08	59·1	52·7	46·1	64·0	5·0	2·0	·356	·344	71	87	NW 1	N 0·5	9	1	·004	
27	·05	·08	59·4	54·6	48·3	64·2	4·4	0·8	·376	·404	74	95	N 1	NNE 0·5	9	10	·023	
28	·16	·18	57·8	54·0	43·7	66·1	4·2	1·1	·360	·385	76	92	NE 0·5	NE 0·5	8	5	—	
29	·18	30·13	55·4	50·1	43·1	62·9	2·4	1·0	·371	·336	85	93	N 0·5	NNE 0·5	10	0	—	
30	30·04	29·94	58·9	55·8	44·0	61·9	2·9	1·8	·408	·393	82	88	NW 0·5	NW 0·5	9	10	—	
31	29·83	29·84	61·7	56·9	51·9	62·1	2·6	0·7	·463	·441	85	95	NW 0·5	NNW 0·5	10	10	·030	Overcast all day.
Mean	29·711	29·718	61·5	58·6	52·9	67·6	3·6	2·1	·434	·435	79·1	87·2	1·6	1·1	8·4	7·3	4·545	

Markree Castle (Sligo).—August 1893.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27′ W. Lat. 54° 11′ N. Gravity Correction, + ·024 in.

1	29·75	29·77	60·8	55·2	52·9	63·9	0·8	1·2	·506	·401	95	92	SE 0·5	WSW 1	10	10	·080	
2	·73	·46	62·8	60·8	51·4	63·4	6·2	0·4	·379	·520	67	97	WSW 1	WSW 2	9	10	·680	
3	·40	·39	61·2	54·0	53·3	65·5	5·3	1·9	·379	·363	71	87	SW 2	SSE 1	10	7	·260	
4	·27	·56	55·1	54·6	48·7	61·4	1·0	0·6	·405	·409	93	96	S 2	NNW 4	10	10	·240	
5	·82	·89	55·2	50·2	49·3	61·5	4·1	1·8	·325	·317	75	88	N 1	ENE 0·5	9	9	·060	
6	·69	·64	55·9	56·3	47·1	64·1	0·8	0·2	·423	·448	95	99	SE 4	Calm 0	10	10	·890	Overcast all day. ∞ ●
7	·64	·73	66·2	62·8	53·3	70·7	3·5	1·0	·516	·538	81	94	W 2	SE 0·5	8	10	·130	
8	·81	·86	65·2	64·1	61·0	71·3	2·4	2·2	·534	·521	86	87	SSE 1	SE 0·5	10	10	·070	Overcast all day.
9	·75	·69	70·9	65·9	58·9	77·0	6·5	2·9	·508	·530	67	83	ESE 2	SSE 1	9	10	—	< in evening
10	·60	·60	67·8	62·6	57·0	70·6	4·8	1·4	·504	·519	74	91	SSE 4	SSE 2	8	10	·320	● showers. T 3p.
11	·60	·81	61·0	60·3	59·5	72·8	0·4	1·2	·523	·483	98	93	SSE 4	SSE 1	10	2	·020	
12	·93	·95	65·0	61·8	52·3	74·0	3·9	1·7	·481	·493	79	90	S 0·5	Calm 0	5	7	—	
13	·94	·96	69·9	68·1	56·9	76·3	3·0	0·9	·611	·650	83	94	S 0·5	Calm 0	10	10	·010	
14	·96	·97	70·0	64·5	64·0	79·6	2·2	1·3	·643	·559	87	92	S 2	Calm 0	9	9	—	
15	·92	·93	70·9	64·8	59·2	80·2	5·0	1·5	·559	·558	74	91	SSE 2	Calm 0	8	8	—	
16	·94	·82	63·0	64·9	54·0	72·6	3·0	1·6	·474	·557	82	91	SE 0·5	SE 0·5	10	10	·010	
17	·72	·57	66·4	65·5	61·1	73·8	3·4	3·2	·523	·513	81	82	S 2	SSE 2	10	10	·050	Overcast all day.
18	·48	·53	61·0	57·7	57·2	71·2	1·8	2·1	·477	·414	89	87	S 0·5	Calm 0	10	7	·060	
19	·51	·36	60·0	57·1	53·8	68·8	1·7	1·0	·463	·436	90	93	S 1	S 1	9	4	·230	
20	29·37	·15	59·2	56·1	50·0	68·7	2·0	0·4	·439	·439	88	97	S 1	Calm 0	10	10	·340	
21	28·90	·34	54·6	55·0	52·1	64·8	1·7	1·9	·378	·378	89	88	SSW 6?	SSW 2	10	8	·140	Stormy a.
22	29·42	·57	54·3	54·0	49·9	66·3	1·4	1·6	·382	·371	90	89	S 0·5	SSE 0·5	10	10	·160	
23	·64	29·63	61·8	53·0	50·4	63·2	5·8	0·9	·374	·377	68	94	SW 2	S 1	7	10	·350	
24	29·80	30·01	59·6	54·1	48·1	62·4	4·3	1·8	·381	·367	75	87	WSW 1	SW 1	9	9	·120	
25	30·14	·20	58·5	48·3	47·3	62·1	3·5	0·8	·386	·319	78	95	WSW 1	Calm 0	9	6	·010	
26	·19	·18	57·3	50·6	41·1	61·1	5·1	1·1	·329	·341	70	93	N 0·5	Calm 0	10	4	—	
27	·14	·16	63·0	55·1	45·5	64·4	6·4	1·9	·377	·380	65	87	NNW 1	Calm 0	9	10	—	
28	·23	·25	60·1	56·5	47·1	67·9	4·9	1·5	·373	·412	72	90	NNE 0·5	Calm 0	10	10	—	
29	·28	·23	57·0	55·1	50·0	60·8	4·8	3·2	·332	·346	71	79	NNE 0·5	N 0·5	10	10	—	Overcast all day.
30	30·14	30·06	58·1	58·2	52·5	60·2	4·9	2·0	·346	·424	71	87	NNW 0·5	N 0·5	10	10	·040	Overcast all day.
31	29·95	29·94	59·0	58·6	56·9	62·2	1·9	1·8	·439	·437	89	89	N 1	NNW 1	10	10	·020	Overcast all day.
Mean	29·703	29·780	61·6	58·3	53·0	67·8	3·4	1·5	·444	·446	80·4	90·4	1·5	0·8	9·3	8·7	4·290	

Dublin (Phœnix Park).—August 1893.

Height above Mean Sea Level, 155 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 21′ W. Lat. 53° 22′ N. Gravity Correction, + ·022 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	Dep. of Wet. 9 p.m.	Vapour Tension. 9 a.m.	Vapour Tension. 9 p.m.	Per-centage. 9 a.m.	Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind 9 p.m.	Cloud Amount. 9 a.m.	Cloud 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·81	29·73	59·4	56·5	49·6	67·2	2·8	2·7	·419	·379	84	83	Calm 0	WNW 1	9	4	·170	Cloudy, with ● showers.
2	·76	·54	59·7	61·8	52·0	66·1	4·7	2·3	·372	·476	72	86	W 1	SW 2	7	9	·280	Cloudy, with ●² showers.
3	·41	·44	62·5	57·3	56·9	67·8	3·0	2·9	·465	·385	82	81	W 2	W 1	8	9	·025	●² 3a.—5a. ●⁰ showers at night.
4	·37	·51	60·4	55·5	52·1	65·7	4·9	2·8	·378	·362	72	82	W 2	WNW 1	4	0	·040	●⁰ showers p.
5	·79	·89	56·0	49·3	47·9	64·8	4·7	2·4	·324	·293	72	83	NW 1	Calm 0	5	1	·260	
6	·80	·65	54·7	65·2	45·7	66·2	1·1	2·0	·397	·548	93	88	SE 1	WSW 1	10	8	·060	●² 6a.—10a. Cloudy p.
7	·67	·80	68·8	64·5	60·7	73·8	4·4	3·0	·534	·502	76	83	SW 2	SW 1	4	6	·070	Cloudy day. ●⁰ 2p.
8	·86	·89	65·0	60·6	59·1	70·1	4·1	2·5	·475	·448	78	85	Calm 0	Calm 0	8	7	—	
9	·79	·70	64·4	62·4	58·0	75·4	3·9	2·0	·471	·495	78	88	Calm 0	Calm 0	8	8	·290	⚡ ●² p.
10	·68	·69	66·2	63·2	51·0	69·8	4·8	2·9	·475	·481	74	83	SSE 1	Calm 0	7	8	·125	⚡ till 1a.
11	·71	·83	61·8	65·0	59·4	75·9	1·9	2·6	·489	·524	88	85	S 2	SW 1	8	1	·005	●² 7a.—9a. Cloudy a. Bright p.
12	·98	·97	65·7	59·1	51·2	74·6	4·6	1·8	·471	·444	75	89	Calm 0	Calm 0	4	2	—	Beautiful day.
13	29·97	29·98	69·2	63·5	57·8	78·0	3·8	1·4	·563	·536	79	92	Calm 0	Calm 0	8	5	—	Beautiful day.
14	30·01	30·00	63·4	62·2	58·9	75·5	2·1	2·2	·510	·484	88	87	Calm 0	Calm 0	5	1	—	∞ a. Beautiful day.
15	29·98	29·92	72·6	65·6	51·3	82·0	4·4	3·5	·617	·505	77	81	Calm 0	Calm 0	1	0	—	Beautiful day.
16	·98	·87	65·5	66·1	61·4	74·4	4·7	2·6	·465	·546	74	85	W 1	Calm 0	6	4	—	Beautiful day.
17	·80	·66	72·1	64·2	62·8	73·3	6·1	3·3	·546	·486	69	81	WSW 2	Calm 0	4	6	—	
18	·51	·55	68·6	62·1	59·8	72·5	5·1	1·5	·509	·506	73	91	SW 2	Calm 0	8	9	·470	T ●² 10a.—11a. ●² 9p.
19	·60	·45	66·1	64·3	51·4	72·9	6·4	4·8	·425	·442	67	74	WSW 2	SW 3	1	5	·180	Bright a. Cloudy p. ●² from 11p.
20	·46	·22	63·5	62·2	55·9	68·8	5·1	2·2	·420	·484	71	87	WSW 1	SW 2	6	9	·370	●² till 4a. Cloudy a. ● p.
21	·13	·42	60·3	57·0	55·1	65·8	1·9	3·6	·462	·361	88	77	WSW 4	SW 1	8	1	·060	Squally ↗ till 5p.
22	·46	·63	56·1	50·8	50·3	64·9	1·7	2·1	·401	·319	88	86	SW 1	Calm 0	10	0	·065	Dull with ●⁰ showers a. Bright p.
23	·69	29·70	61·1	52·5	48·3	65·2	5·6	2·8	·370	·322	69	81	W 1	Calm 0	5	1	·030	●² 10a.—11a., and 1p.
24	29·83	30·01	60·7	55·3	52·0	64·8	5·3	3·5	·371	·342	70	78	W 2	Calm 0	5	9	·005	●⁰ 11a.
25	30·14	·17	59·9	49·4	46·6	65·7	4·6	1·4	·378	·317	73	90	WNW 1	Calm 0	2	1	—	Beautiful day.
26	·19	·14	57·7	51·1	43·7	62·8	5·0	1·7	·338	·332	71	88	NNW 1	Calm 0	6	5	—	
27	·09	·12	59·8	53·7	45·5	63·8	4·2	1·3	·387	·376	76	91	N 1	Calm 0	4	9	—	
28	·21	·20	58·9	48·4	39·3	65·2	3·1	1·0	·403	·315	81	93	Calm 0	Calm 0	2	1	—	Beautiful day.
29	·25	·17	58·5	48·9	45·4	64·4	4·7	1·4	·356	·312	72	91	NE 1	Calm 0	1	7	—	
30	30·11	30·01	59·1	57·1	47·9	62·3	5·1	2·6	·353	·390	70	83	N 1	Calm 0	2	9	—	
31	29·91	29·89	60·6	58·6	47·7	64·7	2·6	1·7	·445	·440	84	89	NW 1	Calm 0	9	9	·020	Cloudy day. ●⁰ p.
Mean	29·804	29·798	62·5	58·5	52·4	69·2	4·1	2·4	·438	·424	76·9	85·2	1·1	0·5	5·6	5·0	2·525	

Parsonstown (Birr Castle).—August 1893

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar.,—2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 inches.
Long. 7° 55′ W. Lat. 53° 6′ N. Gravity Correction, + ·021 in.

1	29·76	29·76	58·7	56·7	53·8	66·7	0·8	2·8	·468	·378	95	82	SW 1	SW 1	10	10	·015	Dull, with ●⁰ a. Fine and bright p.
2	·75	·52	59·7	61·7	51·8	66·7	4·8	1·8	·370	·490	72	89	W 1	SW 2	8	10	·230	Dull a. Fine p.
3	·44	·44	62·7	56·7	55·9	65·7	6·8	2·8	·364	·378	65	82	Calm 0	SW 1	6	8	·220	●² a.
4	·37	·56	57·7	54·7	50·8	63·5	2·8	2·3	·395	·363	82	85	Calm 0	NW 1	10	8	·030	
5	·81	·86	69·7	54·7	47·8	75·2	6·8	2·8	·475	·351	66	81	WSW 1	Calm 0	6	6	·282	Bright and warm.
6	·68	·64	59·7	61·7	46·7	68·7	1·0	2·0	·480	·483	94	88	W 1	SW 2	10	10	·100	Dull, with ●².
7	·66	·72	65·7	63·7	49·7	68·7	6·0	2·0	·430	·520	69	88	SW 1	SW 1	5	10	·318	Dull, with ●².
8	·78	·81	64·7	65·7	60·2	75·0	2·8	3·8	·512	·497	84	79	SE 1	Calm 0	9	6	·015	Cloudy, with ●⁰.
9	·69	·64	70·2	64·7	60·8	76·7	7·1	3·3	·476	·495	64	81	SE 1	SE 1	10	8	—	≋⁰ (mist) a.
10	·55	·62	64·7	62·7	59·7	70·7	3·6	1·8	·485	·508	80	89	SE 2	SE 1	10	10	·320	●⁰ a. Fine and bright p.
11	·61	·81	63·7	61·9	58·9	75·7	0·8	3·0	·561	·456	95	82	SE 1	Calm 0	10	10	—	Dull a. Fine p.
12	·93	·94	66·9	64·7	53·9	76·7	4·8	3·8	·487	·479	74	79	SW 1	SE 1	6	2	—	Fine, bright, and warm.
13	·92	·94	70·7	69·7	62·8	78·7	4·8	1·8	·562	·653	75	89	SE 1	SE 1	5	10	·104	Fine and warm.
14	·94	·95	70·7	67·7	61·8	82·7	4·6	5·3	·569	·487	75	71	S 1	SE 1	4	1	—	Fine, bright, and warm.
15	·91	·93	74·7	66·7	61·8	81·7	6·8	2·3	·575	·568	67	86	SE 1	NW 1	6	5	—	Fine, bright, and warm.
16	·94	·85	65·2	65·9	60·3	76·7	3·3	1·0	·504	·599	82	94	SE 1	Calm 0	8	6	—	Fine a. ●⁰ p.
17	·74	·60	68·7	65·3	60·9	72·7	4·8	2·9	·520	·520	74	83	SE 1	SE 1	8	6	·468	Dull a.
18	·49	·53	60·9	59·2	58·8	71·2	1·0	2·3	·501	·431	94	86	Calm 0	SW 1	10	2	—	Dull a. Fine and warm p.
19	·56	·40	64·9	61·2	53·8	69·7	5·4	1·3	·434	·497	71	92	SW 1	SW 1	4	8	·415	T ●
20	·41	·15	62·7	58·4	52·8	67·7	4·8	2·9	·416	·402	73	82	SW 1	Calm 0	9	10	·830	Dull, with ●².
21	·01	·35	58·7	57·2	51·8	64·7	4·8	3·3	·357	·372	72	79	SSE 2	SW 1	10	10	·100	Overcast, with ●.
22	·42	·57	55·7	56·1	52·8	63·7	2·8	3·0	·366	·367	82	81	Calm 0	SE 1	10	6	—	
23	·66	·68	59·9	54·1	51·8	64·7	5·2	3·4	·363	·326	70	78	SW 1	NW 1	8	6	·266	● showers.
24	29·82	29·96	57·7	55·7	52·8	63·7	2·8	2·8	·395	·366	82	82	SE 1	Calm 0	8	9	—	Fine and bright.
25	30·13	30·15	60·7	51·9	51·8	64·7	4·3	1·0	·398	·359	75	93	SW 1	Calm 0	9	0	—	Fine and warm.
26	·16	·14	57·7	52·7	46·8	65·7	4·8	0·8	·343	·375	72	94	Calm 0	Calm 0	2	0	—	Fine and bright.
27	·11	·09	57·7	54·9	41·3	64·7	3·6	3·0	·373	·349	78	80	Calm 0	Calm 0	6	10	—	
28	·18	·19	58·7	52·7	45·2	66·5	5·0	0·8	·352	·375	71	94	Calm 0	NE 1	2	4	—	Fine and bright.
29	·22	·17	55·9	53·7	47·8	62·7	4·2	3·3	·335	·324	74	78	Calm 0	NW 1	10	10	—	Dull a. Fine p.
30	30·11	30·04	56·2	56·2	50·8	60·9	6·5	2·3	·287	·385	63	85	NW 1	NE 1	10	10	—	∞ a. Fine p.
31	29·93	29·94	59·7	56·9	53·0	64·7	2·0	1·6	·449	·415	88	90	NW 1	NW 1	9	6	—	Fine and warm.
Mean	29·764	29·773	62·6	59·5	53·8	69·6	4·2	2·5	·439	·438	76·7	84·6	0·8	0·8	7·7	7·0	3·763	

DEERNESS.—SEPTEMBER 1893.

Height above Mean Sea Level, 169 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45′ W. Lat. 58° 56′ N. Gravity Correction, + ·036 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·64	29·67	56·2	55·0	48·0	56·8	0·2	0·0	·446	·433	99	100	W 4	WNW 5	10	10	·050	● all day.
2	29·84	30·00	54·8	54·3	52·0	56·8	1·4	0·5	·390	·408	91	97	NW 5	NW 3	9	6	—	
3	30·05	30·05	56·0	53·3	50·5	59·8	2·4	2·0	·381	·351	85	86	WNW 2	NW 1	10	2	—	Very fine.
4	29·94	29·80	57·3	55·0	49·3	61·8	2·9	1·3	·385	·395	81	91	SSW 2	S 1	6	3	—	Very fine.
5	·69	·49	61·0	56·2	52·5	64·7	2·2	0·7	·464	·431	87	96	SW 1	E 1	2	5	·100	Very fine.
6	·38	·33	57·5	55·0	52·3	60·8	2·0	1·5	·414	·389	87	90	WSW 4	SW 2	6	9	·010	
7	·24	·35	56·0	52·0	51·3	57·8	2·0	2·8	·391	·315	87	81	W 3	N 2	10	9	·190	
8	·35	·56	52·1	48·5	46·5	54·8	4·3	3·0	·282	·239	72	79	NNE 4	NNW 5	5	5	·190	● showers all day.
9	·59	·75	48·2	46·0	42·0	50·8	5·0	3·0	·227	·244	67	79	NNW 6	NNW 5	6	2	·070	● showers all day.
10	29·89	29·98	49·8	46·0	44·0	51·5	5·8	2·2	·228	·261	64	85	NNW 3	W 1	1	3	—	Fine day.
11	30·03	30·06	55·6	51·7	44·8	57·6	2·6	0·6	·369	·367	83	96	NW 3	SW 1	6	0	—	
12	29·94	29·77	53·7	55·0	47·0	56·1	3·5	1·8	·319	·381	77	88	SW 5	SW 4	8	4	1·080	● 2.
13	·35	·65	53·8	53·0	50·9	56·5	0·0	2·0	·415	·347	100	86	NW 1	W 5	10	3	·110	
14	·78	·65	55·0	58·0	49·0	58·3	3·4	0·7	·339	·460	79	95	W 2	SW 4	3	10	·630	● p.
15	·47	·46	58·0	55·1	53·0	59·9	3·0	3·2	·393	·346	81	79	WSW 6	WSW 7	4	8	·030	⸝ (gale) all day.
16	·52	·53	52·2	49·0	47·7	55·1	1·9	2·5	·340	·287	87	83	NW 4	Calm 0	9	9	—	
17	·34	29·33	53·0	49·7	47·8	53·0	2·5	2·7	·335	·290	83	82	WNW 2	N 1	10	9	·320	
18	29·10	28·89	51·3	53·0	47·0	55·4	0·5	0·9	·365	·377	97	94	S 5	WSW 5	10	10	·630	● 2.
19	28·69	28·65	49·7	46·6	46·0	54·5	2·7	2·3	·290	·265	82	84	W 7	SW 6	4	1	·210	
20	28·83	29·11	50·7	48·7	45·0	51·8	1·7	2·1	·326	·293	88	85	NNW 5	N 7	9	8	·160	● showers all day.
21	29·21	·22	48·0	48·2	44·0	49·8	2·5	2·2	·274	·283	83	85	N 7	N 9	8	8	·710	⸝ (gale) all day. Velocity 58 miles [midt.
22	·36	·15	45·4	38·0	37·6	49·3	3·2	1·5	·234	·199	77	87	N 7	NW 5	9	7	·270	● ▲ showers.
23	·22	·47	46·0	45·0	35·8	48·8	4·0	6·0	·225	·181	73	60	N 8	N 6	5	3	·050	● showers.
24	·56	·51	44·0	40·7	39·0	45·8	4·6	1·2	·195	·229	67	90	NW 6	N 5	10	10	·270	▲ showers.
25	·71	·78	41·4	40·0	37·7	45·5	3·4	3·4	·194	·182	75	73	N 5	N 2	9	3	·030	● showers a.
26	·74	·66	45·0	44·0	37·3	48·0	4·6	3·5	·204	·215	68	74	NW 1	SE 2	8	9	—	Fine day.
27	·43	29·35	49·0	48·0	43·5	53·0	1·6	1·0	·308	·309	89	93	S 6	W 1	10	1	—	Crops nearly all gathered.
28	29·12	28·91	51·8	50·5	44·0	52·8	2·7	0·5	·316	·354	82	96	S 6	S 1	5	8	·080	
29	28·59	·61	53·0	51·3	49·0	55·0	3·0	2·3	·322	·319	80	84	S 5	SSW 6	2	8	—	
30	28·73	28·79	53·6	49·1	46·3	54·8	3·2	1·8	·325	·304	78	87	S 4	SW 4	3	8	—	
Mean	29·445	29·439	52·0	49·8	46·0	54·6	2·8	2·0	·323	·315	81·6	86·2	4·3	3·6	6·9	6·0	5·240	

DUNROBIN CASTLE.—SEPTEMBER 1893.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56′ W. Lat. 57° 59′ N. Gravity Correction, + ·034 in.

1	29·82	29·93	58·4	58·4	49·6	59·4	2·7	0·7	·408	·467	83	96	W	W	—	—	·030	Cloudy, with ● showers.
2	30·04	30·22	59·6	55·5	54·0	65·6	2·9	3·0	·420	·357	82	81	W	W	—	—	—	
3	·25	30·23	58·2	55·7	48·6	60·4	4·5	3·2	·358	·356	74	80	E	E	—	—	—	Fine day.
4	30·12	29·93	55·7	55·0	49·1	63·4	3·2	2·5	·359	·362	80	84	W	W	—	—	—	
5	29·84	·68	58·6	57·6	51·4	67·5	5·3	1·6	·343	·426	70	89	W	W	—	—	·070	Dull and mild.
6	·61	·52	60·4	55·7	49·8	64·0	2·4	0·7	·447	·423	86	95	W	W	—	—	·170	Fine day.
7	·45	·51	56·0	55·0	51·8	61·4	2·3	2·3	·383	·367	85	85	NW	W	—	—	·750	● 2 p.
8	·54	·80	50·0	45·4	45·0	55·5	2·5	1·9	·298	·260	83	87	E	SW	—	—	·120	Cloudy, with ●.
9	29·85	29·99	48·5	43·4	43·4	53·5	4·5	0·9	·239	·262	70	93	W	NW	—	—	—	Dull and cold.
10	30·12	30·24	52·5	46·9	40·8	54·5	7·0	4·2	·233	·228	60	72	E	E	—	—	—	
11	·23	·24	53·3	52·5	45·6	61·5	5·6	3·8	·268	·298	66	75	W	W	—	—	—	Dull and mild.
12	30·12	30·02	52·7	54·5	39·1	58·5	3·2	1·5	·315	·381	79	90	W	SW	—	—	·410	Dull and mild.
13	29·54	29·88	60·5	52·5	50·8	61·2	2·0	3·2	·462	·312	88	79	W	W	—	—	—	
14	·98	·91	53·4	61·4	47·6	62·5	1·4	2·7	·368	·456	90	84	NW	W	—	—	·440	Cloudy and mild.
15	·71	·69	60·2	57·7	55·8	63·5	4·7	5·2	·380	·333	73	70	W	W	—	—	—	Cloudy and mild a. Clear p.
16	·72	·70	55·5	51·9	50·1	60·5	4·2	3·4	·328	·301	74	78	W	W	—	—	·060	Dull and mild.
17	·57	·55	54·5	53·5	48·6	59·0	4·8	3·5	·299	·316	71	77	W	W	—	—	·030	Dull day.
18	29·33	·08	53·3	55·5	50·6	58·2	2·6	2·2	·336	·378	82	86	W	W	—	—	·180	Cloudy, with ●.
19	28·92	·01	51·0	46·0	45·6	60·4	2·5	4·5	·311	·216	83	70	NW	W	—	—	·240	Blowy, with ●.
20	29·18	·38	45·6	48·7	44·6	50·5	1·6	4·2	·269	·247	88	72	W	W	—	—	·370	Cloudy, with ●.
21	·44	·49	45·2	49·5	44·6	51·5	2·7	2·0	·241	·304	81	87	W	W	—	—	·290	Dull, with ● showers.
22	·60	·39	45·4	38·2	37·8	52·3	4·9	2·5	·203	·183	67	80	W	NW	—	—	·400	● showers. Stormy and cold.
23	·45	·73	40·0	41·2	32·5	47·7	1·7	2·5	·213	·209	86	81	NW	W	—	—	·500	✳ showers.
24	·82	·66	41·6	43·4	38·7	47·7	1·6	2·9	·229	·221	88	78	W	W	—	—	·080	Dull and cold.
25	·92	·95	40·4	38·4	37·7	49·0	1·7	2·9	·216	·178	87	77	W	NW	—	—	—	Cloudy and cold.
26	·85	·75	43·4	47·5	33·7	48·5	4·9	3·2	·185	·255	66	78	NE	SW	—	—	—	Dull and cold.
27	·60	·51	48·4	44·4	34·5	54·5	2·7	2·9	·275	·230	82	79	E	E	—	—	·110	Dull, with ● showers.
28	29·29	29·11	51·5	48·5	40·6	55·7	3·0	0·8	·305	·321	80	94	SW	W	—	—	·230	Dull, with ● showers.
29	28·80	28·88	53·3	48·5	44·4	54·5	5·3	2·8	·274	·274	67	81	W	W	—	—	·050	Fine and mild.
30	28·99	29·15	52·5	50·5	43·6	56·5	3·2	2·5	·312	·304	78	83	W	W	—	—	·020	Fine and mild.
Mean	29·656	29·671	52·0	50·4	45·0	57·3	3·4	2·7	·309	·308	78·3	82·0	—	—	—	—	4·550	

BRAEMAR.—SEPTEMBER 1893.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches.
Long. 3° 24′ W. Lat. 57° 0′ N. Gravity Correction, + ·030 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	28·72	28·77	57·6	57·8	48·3	59·0	1·6	1·3	·426	·440	89	92	SW 0·5	SW 2	10	9	·040	Dull and damp.
2	28·89	29·03	58·6	50·4	48·8	65·8	4·3	2·2	·367	·310	75	85	N 2	NW 1	8	1	—	Fine day.
3	29·05	29·04	47·8	51·6	38·2	62·0	1·3	1·8	·301	·335	91	88	NW 0·5	SW 0·5	8	7	—	Dull and cloudy a. Fine p.
4	28·97	28·85	57·3	56·4	43·8	72·2	3·2	1·6	·377	·407	80	90	SW 0·5	S 2	7	0	—	Fine day.
5	·74	·53	59·9	56·9	48·0	65·4	4·6	2·6	·378	·386	73	84	SW 2	SW 0·5	7	7	—	Fine day.
6	·49	·39	58·6	53·6	48·2	59·8	5·3	2·1	·343	·353	70	86	SW 2	SW 0·5	8	10	·100	Fine a. Dull and damp p.
7	·33	·42	54·9	52·3	49·2	62·2	2·8	2·5	·353	·327	82	83	SW 1	SW 0·5	8	8	·110	● showers.
8	·32	·54	51·4	44·3	43·7	55·2	4·1	3·5	·279	·218	74	74	SW 2	NW 2	8	3	·040	Cold, with ● showers.
9	·64	·77	45·6	41·6	40·7	50·2	4·4	2·1	·214	·220	70	84	NW 2	SW 0·5	8	4	·110	✳ ▲ showers.
10	28·89	28·99	45·4	41·6	37·8	53·6	3·6	2·1	·226	·220	75	84	E 0·5	NE 0·5	6	4	—	Fine day.
11	29·03	29·07	42·6	48·6	28·8	60·0	1·8	3·9	·235	·252	87	73	NE 0·5	NE 0·5	0	0	—	Fine day.
12	29·11	28·88	51·0	53·6	33·0	58·8	4·5	3·1	·266	·328	71	79	SW 4	SW 2	7	8	·040	Fine day.
13	28·51	·71	59·9	50·4	49·8	63·2	3·4	3·9	·411	·272	80	75	SW 8	SW 0·5	8	1	·020	⸝ (gale) a.
14	·83	·79	54·0	57·6	48·0	62·2	2·2	3·1	·355	·381	85	81	SW 0·5	SW 4	9	9	·040	Dull and mild.
15	·64	·61	58·4	52·2	51·0	62·2	4·9	4·7	·350	·275	72	71	SW 4	SW 6	7	4	·010	Fair, but gusty.
16	·61	·58	52·8	48·9	47·3	58·5	5·3	2·8	·270	·279	68	81	SW 4	SW 0·5	5	6	—	
17	·45	·39	49·4	51·6	45·8	57·8	2·5	1·3	·292	·348	83	91	SW 1	SW 1	7	8	·050	Dull and damp.
18	28·23	28·09	51·9	53·6	48·5	57·9	1·2	3·3	·354	·323	92	78	SW 0·5	SW 2	8	8	·030	Dull, with ● 0 showers.
19	27·93	27·89	47·6	42·6	42·2	54·0	3·1	2·9	·258	·214	79	79	SW 6	SW 4	7	3	·010	Gusty, with ● 0 showers.
20	28·05	28·21	46·6	42·3	40·7	51·2	5·1	1·8	·210	·232	66	87	SW 6	SW 1	6	5	·520	Fine day.
21	·25	·26	35·4	44·2	34·2	45·8	0·9	1·7	·190	·253	92	87	W 0·5	N 4	10	10	1·260	✳ ● (sleet) ✳ all day.
22	·37	·26	40·6	36·9	36·0	45·9	1·4	0·7	·223	·205	89	94	NW 4	NW 0·5	8	10	·120	✳ ● (sleet) ✳ all day.
23	·23	·46	37·8	37·8	31·0	43·0	2·6	1·1	·179	·206	79	91	NW 2	NE 0·5	7	10	·650	✳ ● (sleet) ✳ all day.
24	·66	·48	39·5	43·8	36·4	44·8	1·7	0·5	·209	·274	86	96	NW 0·5	NW 0·5	10	9	·080	Cold, with ● showers.
25	·71	·77	39·4	34·9	34·3	47·4	3·6	0·6	·175	·191	73	94	NW 0·5	NW 0·5	4	8	—	Fair and clear.
26	·69	·65	39·9	40·9	31·0	44·0	3·1	1·6	·187	·222	76	87	NW 0·5	S 0·5	7	8	·020	Fair, but cold.
27	·51	·47	44·4	39·8	39·0	51·9	0·9	1·2	·272	·221	93	91	S 4	SW 0·5	9	2	·020	Fair and mild.
28	28·22	28·00	48·6	44·8	38·8	56·0	2·1	1·1	·292	·271	86	92	SW 2	SW 0·5	8	5	·050	Fair and mild a. Damp p.
29	27·70	27·74	48·6	45·8	43·2	50·0	3·1	3·0	·269	·243	79	80	SW 6	SW 6	8	7	·120	Gusty, with ● showers.
30	27·80	27·95	46·8	46·6	44·2	52·2	2·3	2·9	·266	·252	84	80	SW 4	SW 4	7	8	·020	Fine day.
Mean	28·519	28·519	49·1	47·4	41·7	55·7	3·0	2·2	·284	·282	80·0	84·6	2·4	1·6	7·3	6·1	3·460	

LAUDALE.—SEPTEMBER 1893.

Height above Mean Sea Level, 14 feet. Heights above Ground:—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 41′ W. Lat. 56° 41′ N. Gravity Correction, + ·031 in.

1	29·96	30·02	59·1	59·5	57·6	60·9	1·3	1·4	·460	·463	92	92	WNW 3	W 4	10	10	·030	≋0 (mist) ● 0 showers.
2	30·10	·23	59·2	53·6	51·6	63·5	1·5	1·5	·455	·369	91	90	NW 4	Calm 0	10	0	—	≋0 (mist) ● 0 a. Fine p.
3	·22	·19	57·6	57·8	44·9	65·4	2·7	3·7	·396	·372	83	78	Calm 0	NW 1	3	4	—	Very fine day. Much cir-s.
4	30·11	30·01	61·2	62·1	50·9	68·3	3·2	5·0	·437	·401	81	72	E 1	Calm 0	4	3	—	Fine and warm.
5	29·88	29·83	60·1	58·9	55·9	66·9	3·0	2·4	·425	·423	82	85	S 3	S 1	5	7	·100	Warm a. ● in evening.
6	·65	·51	61·6	56·1	54·2	62·3	4·8	2·3	·398	·385	73	85	NW 2	W 1	7	10	·200	● showers a. ≋0 (mist) p.
7	·49	·53	56·4	57·1	53·3	62·9	1·1	3·5	·422	·366	93	79	Calm 0	NW 5	10	10	·490	≋0 (mist) a. ● 2 showers. Squally.
8	·48	·78	54·8	49·3	45·9	60·3	0·0	3·3	·430	·273	100	77	NW 1	N 2	7	4	·040	Squally ⸝ at times.
9	29·86	29·95	49·3	43·4	41·9	59·1	3·8	2·3	·263	·232	74	82	N 5	Calm 0	3	0	—	Fine, with cold ⸝.
10	30·06	30·17	51·1	44·5	34·9	57·2	4·3	1·8	·271	·253	73	87	Calm 0	Calm 0	0	0	—	⊔ a. Day fine and clear.
11	·27	·27	51·9	45·3	38·4	58·7	3·8	1·2	·291	·274	76	91	Calm 0	Calm 0	0	1	—	⊔ a. Fine and clear.
12	30·22	30·10	56·5	56·9	42·6	59·3	4·2	2·0	·341	·403	74	87	W 1	SW 3	7	10	·400	⊔ 2 a. ● 2 showers in evening.
13	29·73	29·91	62·1	56·1	55·7	62·8	2·0	2·3	·489	·385	88	85	W 10	W 4	10	3	·300	⸝ 2 ● 2 till 1.30p. ● showers p.
14	30·00	·92	55·4	62·1	53·8	63·7	0·3	3·0	·430	·458	98	82	S 1	WSW 10	10	6	·230	≋0 (mist) a. ⸝ 2 ● 2 showers.
15	29·84	·82	60·0	57·1	52·9	63·1	4·0	3·7	·395	·360	76	77	WSW 7	W 4	8	10	·080	Squally ⸝ ● showers.
16	·81	·78	55·9	52·1	51·4	59·9	3·6	2·0	·349	·337	78	86	N 2	W 2	5	10	·200	● showers, with bright intervals.
17	·58	·54	55·8	55·1	50·3	56·6	2·0	1·6	·389	·388	87	89	W 5	W 2	10	10	·250	⸝ ●. ≋0 (mist) p.
18	·36	·21	57·4	55·1	48·6	58·5	1·4	2·0	·429	·377	91	87	W 4	W 4	10	10	·150	⸝ ●.
19	·07	·06	51·1	47·2	45·0	56·4	3·6	2·1	·287	·275	76	86	WSW 7	WSW 8	4	10	·430	⸝ ● 2.
20	·29	·36	47·3	46·6	42·7	50·1	2·3	2·6	·271	·258	84	82	NW 3	WNW 2	9	3	·020	● showers a. Clear p., but chilly.
21	·42	·47	46·9	47·1	41·3	53·8	1·9	2·1	·276	·274	87	85	N 2	N 1	10	4	·020	Cloudy a. ● 0 showers p., then clear.
22	·66	·49	47·9	40·1	38·9	52·6	4·1	1·2	·241	·223	73	90	N 4	W 4	5	10	·810	Clear a. ▲ ● ⸝ p.
23	·51	·73	43·1	48·8	35·3	49·9	3·8	3·8	·201	·257	72	74	N 4	N 3	1	8	·030	✳ a. ⸝ ● 2 showers p.
24	·89	·73	46·4	54·3	39·9	57·2	3·0	7·3	·248	·246	80	58	N 2	NNW 4	10	9	·250	⸝ ● 2 showers.
25	·93	·90	46·1	47·1	42·4	57·4	4·0	4·1	·226	·232	73	72	N 1	Calm 0	6	10	—	
26	·81	·72	49·4	48·9	41·3	53·1	4·9	2·8	·241	·279	68	81	ESE 3	SE 2	1	10	·080	Much cir-s in evening.
27	·62	·57	53·1	50·8	46·7	56·5	1·5	2·5	·362	·309	89	83	Calm 0	SW 2	10	7	·530	≋0 (mist) a. ● 2 showers p.
28	29·24	29·03	55·1	52·6	49·6	58·7	1·3	3·5	·396	·306	91	77	SW 5	SE 1	10	2	·460	⸝ ● 2 a. ● showers p.
29	28·73	28·83	51·4	52·3	48·0	56·3	3·3	2·5	·297	·327	79	83	W 2	SW 4	10	10	·760	● 2 showers.
30	28·88	29·11	51·8	50·5	49·3	54·5	5·7	2·4	·250	·307	66	84	W 3	W 3	8	8	·500	● 2 showers. Squally ⸝.
Mean	29·688	29·692	53·8	52·3	46·8	59·2	2·9	2·7	·346	·327	81·6	82·2	2·8	2·6	6·8	6·6	6·360	

DUNDEE.—SEPTEMBER 1893.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 9 inches. Rain-gauge, 1 foot.
Long. 2° 56′ W. Lat. 56° 28′ N. Gravity Correction, + ·030 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·76	29·78	52·7	58·6	48·1	62·6	0·5	0·7	·384	·470	96	96	SW 1	NW 1	10	10	·100	● n. and till 3p.
2	29·88	30·05	65·0	55·5	55·3	69·6	5·3	0·5	·438	·426	72	96	NW 1	W 1	5	5	—	
3	30·10	30·06	57·5	54·4	53·2	61·7	2·1	1·2	·411	·389	86	92	W 1	SW 1	10	10	—	Dull day.
4	29·98	29·88	60·1	59·1	49·1	74·5	3·1	1·2	·422	·463	81	92	SW 1	SW 1	5	5	—	Fine day.
5	·73	·57	60·7	59·4	54·3	69·4	3·5	2·7	·420	·422	79	84	W 2	W 2	5	10	—	
6	·52	·40	57·7	55·8	50·2	68·7	2·6	1·3	·400	·410	84	92	SW 1	SW 1	5	10	·020	● from 8p.
7	·33	·37	59·5	57·6	53·0	66·8	3·1	2·6	·413	·398	81	83	W 1	W 4	5	5	—	
8	·33	·55	53·6	45·5	45·5	67·3	2·7	1·4	·338	·272	81	90	W 1	NE 1	5	10	·070	↖ ● 1.30p.
9	·66	29·77	49·8	42·0	40·7	56·3	3·4	1·0	·276	·245	78	92	NW 4	NW 1	5	10	—	
10	29·89	30·04	44·5	45·0	38·1	60·8	2·9	0·6	·231	·285	78	95	NW 1	W 1	0	7	—	Fine day.
11	30·10	30·13	49·3	45·5	36·4	62·7	3·1	1·2	·277	·277	78	91	NW 1	SE 1	0	0	—	Fine day.
12	30·09	29·94	51·1	53·8	38·2	62·3	3·0	2·2	·300	·353	80	85	NW 2	W 1	5	10	·010	Dull from 1p. ● 9 showers 6.30p.
13	29·57	·73	57·4	55·6	53·3	68·5	2·5	3·4	·398	·349	84	78	W 10	SW 2	10	7	·070	↗ (gale) n. and till 1p. ● showers [n. and p.
14	·87	·81	57·5	59·5	51·7	62·1	2·1	3·6	·411	·398	86	78	SW 1	W 4	10	10	—	Dull day.
15	·67	·63	60·5	55·5	55·3	66·6	1·8	2·5	·468	·370	89	84	SW 6	SW 6	5	5	—	↗ at times.
16	·63	·58	55·2	50·5	50·3	63·7	2·5	2·3	·365	·309	84	84	W 1	W 2	5	7	—	Fine day.
17	·45	·36	51·7	54·5	47·7	60·7	2·2	1·6	·327	·379	86	89	W 1	W 2	10	10	·010	● 9 9a.—11a. Dull day.
18	29·22	29·06	55·1	54·9	51·3	63·8	1·1	1·6	·402	·385	92	90	SW 1	W 2	10	10	·020	● 10.30a. Dull day.
19	28·91	28·93	55·8	47·0	46·5	60·9	1·7	0·5	·396	·311	89	97	W 8	W 2	0	0	—	↗ (gale) n. and till 5p. Cloudy day.
20	29·05	29·18	48·7	42·9	42·5	55·8	1·2	2·1	·314	·232	92	85	W 2	NW 1	5	5	—	Cloudy day.
21	·23	·24	45·3	43·1	37·9	48·7	2·3	0·6	·250	·265	83	95	W 1	W 2	10	10	·500	● 11a.—4p. and 9p.
22	·36	·24	48·7	42·6	41·5	51·3	4·1	2·2	·249	·227	73	84	N 10	NW 2	5	10	·070	↗ (gale) n. and till 11a. Dull day.
23	·25	·44	37·8	42·5	32·5	46·7	1·8	1·8	·192	·234	85	86	NW 1	N 6	10	10	·110	✳ ● (sleet) ● showers 9a.—9p.
24	·68	·50	44·4	45·5	37·7	48·7	2·9	0·5	·230	·293	79	96	NW 2	NW 1	10	10	—	Dull day.
25	·76	·78	44·6	39·0	37·9	53·1	4·1	1·3	·210	·220	71	90	N 2	SE 1	0	10	—	Cloudy from 3p.
26	·72	·66	43·8	45·6	39·5	46·8	1·3	1·3	·257	·276	90	90	SE 2	SE 1	10	10	·030	Dull day.
27	·51	29·45	49·0	43·0	41·5	51·2	0·3	0·5	·340	·266	98	96	SE 1	W 1	10	7	·140	● showers n. and till 3p. Distant T [1p.
28	29·24	28·98	48·9	49·5	42·1	56·3	0·4	0·5	·337	·341	98	96	SE 1	SW 1	10	5	·410	● showers n. and till 3p.
29	28·71	·78	52·6	47·8	46·5	56·7	2·3	0·9	·335	·311	84	93	SW 8	W 1	5	7	·090	● showers n. and till 5p. ↗ n.
30	28·82	28·99	49·5	47·5	46·0	56·9	1·7	1·7	·311	·287	89	88	SW 4	SW 4	5	5	·030	● showers 11.30a. Cloudy day.
Mean	29·534	29·528	52·3	50·0	45·5	60·0	2·4	1·5	·337	·329	84·2	89·6	2·6	1·9	6·3	7·7	1·680	

GLASGOW.—SEPTEMBER 1893.

Height above Mean Sea Level, 180 feet. Heights above Ground:—Bar., 4 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 4° 18′ W. Lat. 55° 53′ N. Gravity Correction, + ·029 in.

1	29·79	29·82	59·5	59·1	51·1	62·4	1·5	2·5	·460	·423	91	85	W 1	W 3	10	7	·010	Dull and overcast. ● 0 shower.
2	29·92	30·01	61·6	55·9	55·9	67·9	3·8	2·0	·426	·391	78	87	NW 1	W 1	6	1	—	Fine and clear.
3	30·07	30·04	55·1	57·1	50·9	64·3	1·8	3·0	·382	·379	88	81	SE 1	NE 1	10	1	—	Overcast a. Fine and clear p.
4	29·98	29·86	57·5	56·6	50·0	67·7	3·4	0·8	·375	·435	79	95	SW 1	SW 1	3	0	—	Fine and clear.
5	·74	·58	60·0	57·9	52·2	65·8	2·8	0·8	·429	·455	83	95	SW 2	SW 2	7	10	·045	Fine a. Overcast, with ● 0 p.
6	·52	·37	59·7	53·2	52·0	62·2	3·9	0·8	·394	·383	77	95	W 2	S 1	9	10	·148	Cloudy a. Overcast, with ● 0 p.
7	·36	·40	58·6	56·0	53·2	63·8	2·3	3·7	·422	·357	86	77	W 2	W 3	9	5	·105	Overcast, with ● 0 shower a. Cloudy [p.
8	·31	·56	54·8	51·1	49·7	60·2	3·0	5·1	·348	·254	81	68	W 1	N 2	10	3	·135	Overcast, with ● 2 showers a.
9	·68	29·77	50·7	48·1	43·1	56·0	5·1	4·9	·251	·227	68	67	W 1	E 2	3	6	—	Fine and clear.
10	29·91	30·01	46·4	45·7	38·0	56·1	4·4	2·6	·221	·249	71	82	W 1	Calm 0	0	0	—	Fine and clear.
11	30·11	30·12	42·2	45·8	36·7	58·0	2·2	1·7	·223	·269	84	88	Calm 0	W 1	0	0	—	≋ 0 (mist) a. Fine and clear p.
12	30·10	29·97	49·6	54·3	38·6	59·8	3·3	2·9	·276	·341	78	80	N 1	SW 2	2	10	·056	≋ 0 (mist) a. Fine day.
13	29·67	·78	56·3	55·2	52·1	61·4	1·4	2·4	·412	·368	90	85	SW 3	W 2	10	2	·093	Overcast, with ● 0. Fine evening.
14	·89	·87	60·0	60·7	54·3	64·9	1·1	3·8	·482	·412	93	78	SW 2	SW 2	10	10	·020	● 0 a.
15	·73	·66	57·6	54·8	54·8	63·9	0·8	2·8	·451	·351	95	82	SW 2	W 4	10	0	—	Overcast, with ● 0 a.
16	·65	·61	57·1	49·1	48·3	60·3	4·9	2·0	·331	·299	71	86	W 2	W 2	4	1	—	Fine day.
17	·46	·39	54·1	55·1	47·8	57·9	2·7	1·9	·343	·380	81	87	W 1	W 1	10	10	·036	Dull and overcast.
18	29·24	29·10	55·9	55·7	53·7	58·6	0·9	1·7	·420	·395	94	89	W 2	SW 3	10	10	·285	Dull and overcast. ● 0 showers.
19	28·98	28·95	51·7	46·5	46·1	56·8	3·5	2·7	·296	·255	77	82	W 2	SW 3	9	5	·035	Cloudy, with ● 0 showers.
20	29·12	29·20	48·8	43·5	43·0	54·2	4·0	1·3	·253	·253	73	90	W 1	W 1	8	3	—	Fine and clear.
21	·24	·32	44·8	40·3	38·7	49·2	1·9	1·2	·254	·225	86	91	NW 1	W 1	8	2	·105	Overcast, with ● 2. Fine evening.
22	·42	·28	48·1	41·2	40·3	51·4	5·9	0·9	·209	·240	62	93	NW 2	W 2	8	10	·208	Dull and cloudy. ● 2.
23	·28	·50	40·3	42·8	33·7	50·0	3·5	4·0	·184	·197	73	71	N 2	NW 2	7	3	—	● 0 ✳ 0 a.
24	·72	·58	46·1	48·4	41·2	52·1	3·8	0·9	·230	·318	74	94	W 1	W 3	9	10	·105	Dull and cloudy. ● in afternoon.
25	·76	·76	45·6	45·0	41·8	49·6	3·8	1·9	·225	·255	74	86	NE 1	W 1	6	10	·468	● 0 shower a.
26	·65	·59	45·2	46·8	41·8	48·9	2·1	1·5	·253	·284	85	89	E 1	E 1	10	10	·025	● 2 a. Dull and overcast.
27	·48	29·46	47·9	48·1	46·2	55·1	0·7	1·3	·315	·303	95	91	E 1	SW 2	10	9	·256	Overcast, with ● 2 showers.
28	29·15	28·92	53·2	52·6	48·1	58·0	0·8	2·3	·383	·335	95	84	S 2	S 1	10	10	·138	Overcast, with ● 0 showers. Fine after-
29	28·68	28·76	52·9	49·7	47·3	53·8	3·1	1·3	·320	·323	80	91	SW 3	S 2	8	9	·547	Cloudy, with ● 2 showers. ↖ [noon.
30	28·81	29·02	51·3	48·8	46·6	55·3	1·7	2·0	·334	·297	88	86	SW 2	SW 1	9	4	·067	Cloudy, with △ 0 ● 2 showers. T
Mean	29·547	29·541	52·4	50·9	46·6	58·2	2·8	2·2	·330	·322	81·7	85·2	1·5	1·8	7·5	5·7	2·887	

WOLFELEE.—SEPTEMBER 1893.

Height above Mean Sea Level, 587 feet. Heights above Ground:—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 6 inches.
Long. 2° 39′ W. Lat. 55° 23′ N. Gravity Correction, + ·025 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
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30																		
Mean																		

SCARBOROUGH.—SEPTEMBER 1893.

Height above Mean Sea Level, 159 feet. Heights above Ground:—Bar., 1 foot. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 23′ W. Lat. 54° 17′ N. Gravity Correction, + ·025 in.

1	29·82	29·78	57·2	61·3	52·7	65·3	3·4	3·9	·367	·418	79	77	W 2	NW 3	6	4	·050	Dull at times, with ●.
2	29·86	30·01	63·6	56·7	54·0	65·2	4·4	2·2	·441	·396	75	86	NE 2	NE 2	4	6	—	Cloudy all day, with cold wind.
3	30·09	30·10	60·0	57·1	52·4	67·7	4·8	1·8	·374	·413	72	88	Calm 0	Calm 0	0	0	—	Brilliant day.
4	30·02	29·89	63·1	62·4	54·0	74·3	3·9	3·1	·447	·459	77	82	N 2	Calm 0	3	2	—	∞
5	29·81	·63	59·0	61·3	52·1	75·0	2·3	2·8	·428	·453	86	83	Calm 0	Calm 0	3	0	—	Brilliant all day.
6	·57	·45	65·1	60·7	54·6	70·2	3·3	1·3	·501	·487	81	92	NW 1	NW 2	6	4	·060	Dull, with ● 0 showers.
7	·38	·51	64·2	59·6	54·0	71·3	3·5	2·2	·479	·441	80	86	W 4	W 4	4	6	—	Gusty all day.
8	·40	·40	60·1	53·6	52·0	61·1	5·3	1·2	·364	·377	70	92	W 3	NE 3	4	6	·270	↖ in afternoon.
9	·61	·72	51·4	50·4	44·6	56·6	4·7	0·8	·265	·345	70	94	NE 4	NE 3	3	4	·050	Gusty day.
10	29·86	29·98	51·4	53·8	44·8	61·5	2·7	4·2	·309	·394	82	73	NE 1	NE 2	4	0	·020	Cloudy a. Brilliant p.
11	30·12	30·16	53·0	47·2	46·4	61·8	2·6	2·1	·333	·275	82	86	NE 2	SE 1	6	0	—	Dull a. Brilliant p.
12	30·17	30·07	51·6	56·7	42·1	62·4	2·3	2·1	·322	·397	84	87	SE 1	NE 2	0	0	—	Brilliant all day.
13	29·88	29·73	56·4	62·3	42·5	65·1	4·1	1·3	·340	·516	75	92	W 4	W 3	4	4	—	Gusty all day.
14	·95	·98	60·4	57·3	55·0	71·0	0·6	0·6	·505	·453	97	96	W 2	SW 2	10	4	—	Dull most of day.
15	·86	·73	63·2	59·8	54·7	72·1	3·6	3·5	·457	·406	79	79	SW 2	SW 1	4	0	—	Brilliant from 10a.
16	·71	·59	60·0	58·4	54·8	67·3	4·8	3·2	·374	·394	72	80	W 1	SW 1	3	0	—	Brilliant from 10a.
17	·52	·44	55·3	55·8	52·6	63·4	4·0	1·1	·329	·412	75	92	NW 1	W 3	3	10	—	
18	·35	·23	59·8	58·7	54·5	63·2	2·2	2·5	·444	·418	87	84	WSW 1	SW 2	8	10	—	Cloudy all day.
19	·09	·12	62·1	55·6	54·3	65·1	3·4	2·4	·446	·373	80	84	W 2	W 2	8	10	—	Dull and threatening.
20	·16	·26	52·1	53·4	42·1	63·2	3·5	1·8	·299	·358	77	88	NW 1	NW 2	3	6	·010	Fine and bright midday. ● 0 n.
21	·30	·26	47·8	46·4	39·5	57·2	3·7	2·3	·247	·262	75	84	N 2	N 2	0	0	—	Bright all day.
22	·27	·35	50·1	43·8	38·7	53·6	4·1	0·9	·264	·266	73	93	NW 4	N 3	6	4	·090	● 0 nearly all day.
23	·26	·32	42·3	42·5	37·2	48·3	2·5	1·8	·217	·232	82	86	W 1	NW 6	0	6	·180	● 2 in afternoon.
24	·70	·64	49·6	47·3	39·8	53·2	3·8	0·8	·265	·307	75	95	NW 2	W 6	4	6	·020	Fine a. ↗ at night.
25	·71	·82	48·8	46·4	45·2	52·7	2·4	1·6	·286	·278	83	89	NNW 2	Calm 0	6	6	·260	● showers all day.
26	·69	·59	47·2	51·7	43·6	53·1	0·0	1·5	·325	·344	100	89	Calm 0	Calm 0	10	10	·380	● 2 till 5p.
27	·55	·52	55·1	49·7	47·4	59·1	0·2	3·2	·428	·278	98	79	Calm 0	Calm 0	10	0	·010	Dull and overcast.
28	29·48	29·11	52·8	58·3	43·8	59·6	1·4	2·1	·361	·422	90	86	SW 2	SW 6	6	6	·120	● a. ↗ at night.
29	28·92	28·97	55·9	52·6	50·0	61·3	3·5	1·2	·348	·364	78	92	SW 3	SW 6	2	8	—	↗ during day.
30	28·98	29·11	53·6	49·8	42·1	59·3	2·2	3·4	·351	·275	85	77	SW 2	SW 2	7	0	—	Cloudy a. Clear and bright p.
Mean	29·602	29·583	55·7	54·4	48·0	62·7	3·1	2·1	·364	·371	80·6	86·4	1·8	2·3	4·6	4·1	1·520	

CRONKBOURNE (DOUGLAS), ISLE OF MAN.—SEPTEMBER 1893.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29′ W. Lat. 54° 10′ N. Gravity Correction, + ·024 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·90	29·95	58·8	58·3	56·2	64·5	1·0	1·3	·464	·446	95	91	NW 4	WSW 3	10	10	·003	Dull, with ●⁰.
2	30·01	30·08	61·0	54·7	54·7	65·0	2·2	1·9	·464	·374	87	88	NW 4	NNW 2	10	0	—	Cloudy *a*. Fine afternoon. ⊅² *p*.
3	·12	30·10	62·0	49·8	45·5	65·7	3·0	1·8	·456	·312	82	87	NE 1	Calm 0	2	0	—	Fine day. ⊅² *p*.
4	30·03	29·92	65·0	52·0	45·0	68·7	3·3	1·2	·500	·356	82	92	SE 2	N 1	4	0	—	Fine day. ⊅ *p*.
5	29·80	·69	65·0	59·7	50·4	65·5	4·2	1·7	·472	·457	77	90	SSW 2	SW 2	4	10	·011	Fine day.
6	·63	·46	61·0	56·0	54·2	61·4	3·0	0·2	·439	·443	82	99	NW 2	SSW 3	7	10	·565	Dull *a*. Overcast afternoon. ●² from 3*p*.
7	·50	·55	61·8	57·2	55·3	65·8	3·0	1·4	·454	·426	83	91	WNW 6	W 4–5	3	8	·056	Fine day. Squally ⸝.
8	·42	·63	56·0	53·0	51·9	59·5	2·0	1·4	·391	·363	87	90	W 5	NNE 3	7	6	·120	Dull, with ● showers. ⊅ *p*.
9	·76	29·78	55·0	47·8	45·3	58·1	4·8	2·8	·307	·265	71	80	NNW 5	NNW 2	4	1	—	Very fine. ⊅ *p*.
10	29·89	30·00	54·2	51·2	41·5	57·4	4·0	1·0	·313	·350	74	93	NE 4	NNE 1	4	3	—	Very fine. ⊅ *p*.
11	30·15	·18	54·8	41·0	40·4	59·5	1·2	1·0	·396	·235	92	92	ENE 1	N 1	8	0	—	Very fine. ⊅² *p*.
12	30·17	30·10	60·5	46·8	37·4	62·7	4·5	0·6	·389	·306	74	95	WSW 1	NNW 1	2	0	—	Very fine. ⊅² *p*.
13	29·94	29·89	57·8	61·7	45·6	62·3	2·1	0·7	·415	·525	86	96	W 5	W 4–5	8	10	·012	Overcast. ●⁰ 4*p*.—5.30*p*.
14	30·04	30·02	63·7	62·8	59·0	68·0	3·9	3·8	·460	·446	77	78	W 4	W 4	7	10	—	Fine day.
15	29·91	29·81	62·5	58·0	58·0	66·3	2·2	1·1	·490	·448	87	92	WSW 5–6	Calm 0	6	10	·025	Fine, with squally ⸝ *a*. ● 4*p*.
16	·77	·72	57·4	49·5	49·5	62·9	3·1	0·4	·381	·343	81	97	WNW 4	Calm 0	6	4	—	Fine day. ⊅ *p*.
17	·62	·52	55·1	56·0	46·6	57·4	2·4	0·6	·366	·445	84	96	WNW 4	WNW 3	7	7	·003	⊅ *a*. Dull day.
18	·43	·29	59·1	59·0	55·7	60·5	0·2	1·7	·496	·445	98	90	WSW 4	WSW 5	9	6	·141	● showers *a*. and *n*. Dull day.
19	·16	·16	57·3	49·9	49·9	60·2	2·5	4·1	·396	·263	84	73	WNW 3–4	W 3–4	8	1	·090	● showers *a*. and *n*. Fine afternoon.
20	·23	·29	52·6	39·1	39·1	56·7	2·9	0·3	·321	·233	80	97	WNW 4	Calm 0	4	1	·017	● showers *a*. Fine aft. ⊅² ∢⁰ *p*.
21	·33	·38	52·4	44·7	37·3	56·1	4·6	2·2	·279	·247	71	84	N 1	N 2	2	1	·019	⊅² *a*. Very fine. ⊅ ∢ *p*.
22	·48	·50	52·0	45·0	41·0	55·4	4·4	2·0	·279	·253	72	85	NW 5	WNW 5	7	10	·496	● showers *a*. ⸝. ●² ▲² [from 6*p*. showers
23	·36	·59	44·9	47·8	36·7	52·4	2·1	4·1	·251	·240	85	72	WNW 5–6	NNW 5–6	8	4	·058	T ●² showers *a*. Squally ⸝.
24	·84	·79	49·2	52·0	43·7	54·3	3·0	0·7	·278	·369	79	95	WNW 4	WNW 4–5	8	7	·023	● showers *a*. and *n*. Cloudy day.
25	·83	·79	52·2	51·0	49·1	55·8	3·6	0·4	·299	·364	77	97	NNW 4	Calm 0	9	10	·570	Cloudy *a*. ● from 2*p*.
26	·66	·60	55·4	54·7	50·3	58·4	0·6	0·5	·422	·413	97	96	W 3–4	NE 1	10	10	·053	Overcast, with ● showers.
27	·58	·59	56·8	53·3	45·9	59·3	1·5	3·5	·417	·314	90	77	W 2	W 3–4	10	7	·243	● *a*. and *p*. Fine afternoon.
28	29·32	29·13	57·3	54·3	51·6	59·3	0·4	1·6	·458	·377	97	89	SSW 5–7	WSW 5	10	10	·137	Squally ⸝, ● showers.
29	28·90	28·90	55·7	52·4	52·1	58·3	4·0	2·4	·336	·330	75	84	SW 6–7	WSW 4	7	4	·003	Squally ⸝, ● showers *a*. Cloudy day.
30	28·96	29·15	54·4	50·2	50·2	57·4	3·0	2·0	·340	·312	80	86	WSW 4–5	W 1	4	0	·096	⸝ *a*. T ●² shower 3*p*.
Mean	29·657	29·652	57·0	52·3	48·0	60·5	2·8	1·6	·391	·357	82·9	89·1	3·8	2·5	6·5	5·3	2·741	

STONYHURST.—SEPTEMBER 1893.

Height above Mean Sea Level, 375 feet. Heights above Ground:—Bar., —12 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 2° 28′ W. Lat. 53° 51′ N. Gravity Correction, + ·023 in.

1	29·65	29·67	59·0	58·8	53·8	63·2	1·4	1·8	·455	·439	92	89	W 3	WSW 1	10	10	—	Overcast day.
2	·73	·83	62·0	58·2	57·7	66·4	3·6	1·2	·449	·448	79	92	WNW 3	SW 1	9	6	—	Fine *p*.
3	·91	·86	58·6	57·8	54·4	68·0	1·6	2·2	·442	·412	90	86	Calm 0	WNW 1	10	0	—	Overcast, with ≋⁰ (mist) *a*. Fine *p*.
4	·82	·71	59·6	59·0	50·6	69·3	2·6	3·0	·428	·407	84	82	Calm 0	Calm 0	7	0	—	Fine day.
5	·61	·48	60·5	57·9	52·1	68·0	4·2	1·9	·397	·422	76	88	NW 1	Calm 0	6	9	·010	∞² *a*. Fine day.
6	·40	·26	62·0	57·0	53·7	64·0	3·5	1·1	·442	·431	80	92	WbyS 1	swbyS 1	10	10	·240	Overcast day. ● in evening.
7	·26	·36	59·9	58·8	55·1	63·0	1·7	1·8	·461	·439	90	89	WbyS 4	swb.w 2	10	8	·332	● showers *a*.
8	·20	·26	55·7	52·7	51·6	61·0	2·2	2·9	·382	·322	86	81	swb.w 3	WbyS 1	9	4	·230	● showers. T ∢.
9	·49	·52	52·7	46·0	43·0	55·6	5·7	2·2	·260	·261	65	85	WNW 2	Calm 0	4	2	—	Fine day.
10	·65	·79	51·0	46·2	40·0	58·6	5·0	2·2	·255	·263	68	85	NEb.N 1	NEb.N 1	2	0	—	Fine day.
11	·91	·94	54·0	51·0	42·4	59·6	3·8	4·0	·315	·276	75	74	NNE 1	Calm 0	2	0	—	Fine day.
12	·97	·89	51·0	48·3	40·2	59·4	3·0	1·3	·299	·306	80	91	*NE* 1	WbyN 1	0	0	—	Fine *a*. ∞ *p*.
13	·76	·66	54·7	60·0	43·0	61·0	2·9	0·6	·349	·498	81	96	SW 2	WSW 4	10	10	·940	Overcast and squally. ● *p*.
14	·81	·83	61·0	56·5	50·2	63·4	3·0	1·4	·439	·415	82	91	WbyS 3	swbys 1	10	10	—	Overcast day.
15	·71	·58	61·5	59·9	56·1	64·3	3·5	1·9	·433	·454	79	89	swb.w 3	SW 2	10	10	·068	Overcast. ● *p*.
16	·53	·47	58·5	54·0	53·8	61·0	4·0	3·5	·373	·322	76	77	swb.w 1	NWb.N 2	7	1	—	Fine day.
17	·38	·28	55·4	50·0	44·6	59·0	3·3	1·0	·348	·419	80	93	WbyS 2	WbyS 2	10	10	·125	● showers.
18	29·20	29·08	57·0	57·8	55·5	58·3	1·0	1·0	·434	·449	93	94	SW 2	swb.w 3	10	10	·182	Overcast, with ● showers.
19	28·94	28·93	58·4	52·1	51·3	60·0	2·4	3·1	·415	·309	85	79	swb.w 4	WSW 2	10	7	·085	● showers *a*. Fine *p*.
20	28·97	29·05	50·3	45·7	44·4	54·4	1·3	1·7	·331	·268	91	88	WSW 1	swb.w 1	10	10	·220	● showers.
21	29·09	·09	47·0	43·7	37·8	52·2	2·0	2·1	·275	·240	86	84	SSW 1	WbyN 1	7	4	·050	⌒ 8*a*. Fine *p*.
22	·18	·21	49·4	45·0	38·7	51·0	4·8	3·0	·243	·233	69	78	NNW 3	WNW 2	9	10	·670	⌒ 4*p*. ▲ 9*p*.
23	·06	·27	44·5	46·0	38·1	48·0	3·5	4·5	·219	·216	74	70	WSW 2	WNW 2	9	0	·006	▲ 8*a*. Distant T 9*a*. Fine *p*.
24	·56	·53	49·0	48·0	40·0	52·0	5·5	1·0	·226	·309	65	93	WbyN 1	swbys 3	7	10	·276	● showers *p*.
25	·55	·60	52·0	47·5	47·4	53·7	5·2	1·0	·262	·304	68	93	NWb.W 1	Calm 0	10	10	·357	
26	·46	·39	51·0	54·8	45·5	54·9	0·2	0·2	·369	·424	99	98	swbys 2	Calm 0	10	10	1·015	≋⁰ (mist) ● *a*. ≋ ●² *p*.
27	·36	29·37	53·7	48·5	47·4	57·2	1·0	1·2	·384	·311	93	91	Calm 0	WbyS 1	10	6	·120	≋⁰ (mist) *a*. ●² showers. [●²*p*.
28	29·22	28·89	51·4	55·0	46·9	57·4	1·1	0·0	·351	·433	92	100	S 3	swbys 1	10	10	1·465	Overcast, with ● showers *a*. ≋⁰ (mist).
29	28·74	·75	53·6	49·7	49·1	57·4	3·1	2·1	·328	·304	79	86	SSW 5	SbyW 4	5	10	·160	⌒ 7*a*. Distant T 2*p*. ● showers.
30	28·76	28·95	49·0	48·7	46·9	55·7	0·4	0·7	·338	·326	97	95	swybs 2	SSW 4	10	10	·650	▲ ● showers *a*. ∢ ●² ⌒ 1*p*.
Mean	29·429	29·418	54·8	52·7	47·9	59·2	2·9	1·9	·357	·355	81·8	87·6	1·9	1·5	8·1	6·6	7·201	

HILLINGTON.—SEPTEMBER 1893.

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

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·94	29·90	57·0	60·0	46·0	64·4	4·4	1·4	·342	·473	73	92	NW 0·5	W 0·5	10	10	·013	Overcast all day.
2	29·96	30·10	63·0	57·0	50·8	67·4	3·4	3·1	·461	·374	80	80	NW 3	N 2	10	6	—	Overcast, then fine.
3	30·17	·18	61·6	48·9	48·9	67·3	4·0	0·2	·421	·342	77	99	NE 2	NE 0·5	5	0	·003	Fine and sunny. ⊅² *p*.
4	·14	30·03	59·0	55·0	42·3	72·8	3·3	3·3	·399	·342	80	79	SW 0·5	SW 0·5	9	0	—	Cloudless evening. ⊅ *p*.
5	30·00	29·77	61·5	60·8	43·5	75·6	4·3	3·3	·410	·427	75	81	SW 1	SW 0·5	4	8	·003	Very fine and sunny. Much cir. ⊅ *p*.
6	29·72	·57	59·9	61·0	47·8	77·8	2·8	2·7	·427	·449	84	84	SW 0·5	SW 1	9	10	·030	Cloudy day.
7	·58	·70	65·0	58·1	57·4	75·1	4·4	3·0	·465	·394	76	81	SW 4	SW 0·5	5	8	·002	⸝. Cloudy evening.
8	·58	·52	59·5	49·2	47·8	68·5	3·5	0·5	·403	·338	79	97	SW 3	W 0·5	7	8	·220	Overcast, then fine and sunny. [▲ 1*p*.
9	·75	29·78	53·8	50·0	49·0	60·3	4·0	1·4	·309	·324	75	90	NW 3	NE 0·5	0	9	·018	Fine and sunny *a*. Cloudy *p*.
10	29·91	30·03	53·2	42·5	35·0	60·9	2·5	0·0	·338	·272	83	100	NE 0·5	NE 0·5	6	1	·002	Fine and sunny. ⊅² *p*.
11	30·16	·20	59·1	49·1	40·9	63·4	6·4	1·3	·323	·316	65	91	NE 3	NE 0·5	2	0	·003	Fine, sunny, and very clear. ⊅² *p*.
12	·25	30·19	57·4	45·9	39·1	66·4	6·6	1·1	·296	·284	62	93	NE 2	E 0·5	2	0	·002	Sunny *a*. Much cir. *p*. Fine sunset.
13	·08	29·96	55·0	61·5	35·2	69·3	4·3	5·1	·318	·388	74	71	SW 2	SW 2	4	4	—	Fine and sunny *a*. Very fine sunset.
14	·09	30·14	63·2	49·6	49·6	70·6	3·1	0·7	·472	·338	82	95	SW 3	SW 0·5	10	0	·002	Overcast, then fine and sunny. ⊅ *p*.
15	30·06	29·89	58·3	52·9	43·4	73·5	3·5	1·2	·382	·367	78	92	SW 2	SW 0·5	0	0	·002	Very fine and sunny.
16	29·81	·67	57·9	56·7	42·8	67·7	2·3	2·0	·410	·401	86	87	NW 0·5	N 0·5	2	10	—	⊅² *a*. Fine and sunny *a*. Cloudy *p*.
17	·62	·61	54·6	53·9	49·5	64·2	4·0	3·1	·321	·333	76	80	NW 4	NW 0·5	0	10	—	Very fine and sunny.
18	·53	·44	57·7	61·1	52·7	65·4	2·0	1·5	·416	·487	87	91	SW 3	WSW 2	10	10	—	Overcast *a*.
19	·33	·28	63·9	56·9	56·6	68·6	2·4	1·0	·509	·433	86	94	SW 4	W 3	8	10	·008	● showers 4*p*.
20	·33	·32	54·6	39·5	39·5	63·7	1·9	0·0	·371	·242	88	100	WNW 2	SW 1	8	0	·002	Very fine and sunny. ⊅² *p*.
21	·47	·34	48·1	38·1	55·5	56·4	0·9	0·1	·315	·227	93	99	SW 0·5	NW 1	5	4	—	⌴ *a*.
22	·45	·55	45·5	42·3	35·3	60·4	0·8	1·1	·286	·246	95	92	SW 3	NW 2	3	0	·050	Overcast, then fine and sunny. Ⓦ *p*.
23	·43	·51	43·0	40·8	38·8	51·9	0·3	2·8	·270	·199	98	78	WNW 1	WNW 2	10	4	·010	●⁰ 5*a*.—10*a*. Fine sunset.
24	·80	·88	48·2	41·9	39·1	59·4	5·5	2·2	·255	·220	76	85	NW 4	NW 0·5	3	0	—	Fine and sunny. Fine red sunset. ⊅ *p*.
25	·80	·92	51·5	44·9	38·1	58·2	2·2	2·0	·324	·253	85	86	NW 3	NW 1	10	10	·050	
26	·83	·78	50·9	56·0	44·0	61·4	1·2	1·3	·342	·410	92	91	SW 2	SW 1	10	10	·182	Overcast, with ●⁰ showers. [5*p*.—8*p*.
27	·63	·68	56·8	52·5	51·6	61·7	1·0	0·8	·431	·373	94	94	WNW 2	SW 2	10	0	·130	● early *a*. Cloudy day. ⸝ ●
28	·69	·38	55·0	58·1	44·8	59·1	1·8	1·5	·379	·436	88	90	SW 3	SW 4	2	10	·170	Fine and sunny. ●⁰ shower *p*.
29	·18	·20	57·7	53·0	50·7	63·9	3·3	2·5	·379	·335	79	83	SW 4	SW 2	1	8	·020	●² 8*a*. ●⁰ shower 2*p*.
30	29·14	29·30	53·5	50·0	49·8	61·5	2·7	2·4	·336	·301	82	84	W 1	W 0·5	10	0	·005	Overcast *a*. Fine *p*. Fine sunset. ⊅².
Mean	29·747	29·727	56·2	51·6	45·1	65·2	3·0	1·8	·370	·344	81·6	88·6	2·2	1·1	5·8	5·0	0·927	

CHURCHSTOKE.—SEPTEMBER 1893.

Height above Mean Sea Level, 538 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5′ W. Lat. 52° 31′ N. Gravity Correction, + ·018 in.

1	29·49	29·53	60·5	58·0	56·2	65·5	2·6	1·0	·443	·451	84	93	NW 2	SW 1	10	10	·020	Cloudy day. ●⁰ in evening.
2	·58	·69	61·3	49·2	49·0	64·4	4·2	0·5	·409	·338	76	97	NW 3	Calm 0	8	0	—	Clear and cool. ⊅
3	·70	·66	56·9	53·4	44·0	70·3	2·2	1·0	·399	·379	86	93	Calm 0	N 1	5	0	—	Bright, cool, and clear. ⊅
4	·63	·56	64·6	51·7	51·5	72·3	5·2	1·7	·434	·339	72	88	SSE 2	W 1	7	0	—	Bright, then ∞.
5	·42	·32	59·5	53·7	44·2	73·9	3·7	1·7	·396	·365	78	88	SE 2	SE 1	5	0	—	∞
6	·24	·09	64·0	57·6	49·8	71·9	4·9	1·6	·433	·427	73	89	WNW 2	W 3	10	10	·120	Cloudy day. ●⁰ *p*.
7	·18	·25	60·8	56·9	56·0	66·8	3·7	2·9	·416	·379	79	82	W 3	NW 2	10	2	·344	Squally. T ●² at night.
8	·09	·11	49·9	53·3	49·7	61·2	0·9	2·8	·335	·331	94	81	W 3	W 3	10	10	·160	
9	·33	·36	54·0	42·8	42·5	57·6	4·0	0·9	·312	·255	74	93	NW 2	NW 1	8	5	—	
10	·41	·55	51·5	45·8	36·5	57·6	6·0	1·9	·241	·265	64	86	E 3	E 1	5	0	—	Bright, with cool wind.
11	·68	·74	50·9	48·9	37·1	62·3	1·9	3·0	·324	·274	87	80	NNE 1	E 1	8	0	—	Cloudy and cool.
12	·78	·71	53·9	41·9	34·8	62·1	3·9	0·9	·313	·246	75	93	ENE 2	Calm 0	5	0	—	⊅. Bright, clear, and cold.
13	·63	·55	55·1	60·7	36·5	64·3	3·1	2·3	·348	·456	80	86	W 2	W 2	9	3	—	⊅ ∞. Dull and mild.
14	·69	·69	64·0	49·9	49·9	69·4	5·6	0·9	·413	·335	69	94	WNW 2	NW 1	9	5	—	
15	·59	·44	62·0	50·9	49·6	70·4	4·3	0·9	·418	·349	76	94	W 1	W 1	9	2	·010	Bright day. ⊅
16	·35	·27	56·9	46·8	46·5	59·6	1·1	0·9	·430	·298	94	93	ESE 1	Calm 0	10	0	·002	First sunless day since May 17th.
17	·22	29·15	54·1	55·3	43·0	60·9	3·7	1·5	·321	·393	76	90	W 2	W 2	3	10	·005	
18	29·09	28·98	58·3	59·0	55·3	64·0	1·3	1·1	·446	·464	91	93	W 2	W 1	10	10	·010	Overcast day.
19	28·83	·82	61·5	50·9	50·9	65·7	4·5	0·9	·406	·349	74	94	WSW 4	W 1	8	10	·026	Squally, with ● showers.
20	·85	·91	50·9	45·2	38·7	60·0	4·0	0·9	·274	·280	74	93	NW 3	SW 2	4	9	·050	Breezy and cool.
21	28·93	28·96	48·7	39·8	32·8	60·1	3·8	0·9	·255	·226	74	93	SW 3	W 1	1	4	—	⌴. Clear, cool, and bright.
22	29·05	29·14	50·9	42·8	34·7	58·3	4·0	1·7	·274	·238	74	87	W 1	W 2	5	4	·253	Clear and cool. ⊅. ● at night.
23	28·98	·18	44·8	42·0	39·4	50·6	3·2	1·1	·228	·243	77	91	WNW 3	W 2	2	1	·040	▲ ● showers. Cold wind.
24	29·42	·46	48·9	48·7	38·0	56·3	3·7	3·4	·259	·264	75	77	W 2	W 2	2	9	·010	⊅ *a*.
25	·41	·45	50·9	46·4	46·0	55·5	0·9	0·8	·349	·296	94	94	NW 2	Calm 0	9	7	·045	⊅
26	·32	·21	56·9	56·9	46·1	61·9	3·5	1·9	·362	·407	78	88	WNW 3	W 2	5	10	·065	Dull day.
27	·20	29·25	57·6	47·1	47·0	61·3	1·8	0·7	·421	·306	88	95	W 2	W 1	9	1	·012	
28	29·08	28·73	56·1	57·5	45·3	60·2	2·2	1·2	·385	·436	85	92	SW 4	S 2	10	10	·286	Squally, with ●⁰.
29	28·64	·67	56·9	48·2	45·2	60·3	4·9	0·9	·329	·315	70	94	SW 3	S 2	5	2	·155	Breezy and fresh.
30	28·63	28·84	51·9	50·4	47·0	59·7	1·7	1·2	·342	·334	88	91	WNW 2	SW 1	5	8	·030	
Mean	29·281	29·275	55·8	50·4	44·8	62·8	3·4	1·4	·357	·335	79·3	90·1	2·2	1·3	6·9	4·7	1·643	

Carmarthen.—September 1893.

Height above Mean Sea Level, 188 feet. Heights above Ground :—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 4° 18′ W. Lat. 51° 52′ N. Gravity Correction, + ·018 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·86	29·93	62·8	60·0	52·5	70·0	3·5	2·7	·454	·431	80	84	N 1	W 1	9	10	—	
2	29·92	30·02	66·2	53·7	53·7	69·5	6·9	1·3	·413	·375	64	91	N 2	Calm 0	5	0	—	Fine day.
3	30·04	30·02	65·6	59·8	49·1	72·8	5·5	2·5	·443	·434	71	85	E 1	Calm 0	7	3	—	Fine day
4	30·00	29·85	63·8	55·7	54·8	70·4	4·7	1·5	·436	·400	74	90	E 1	Calm 0	0	0	—	∞ 9a. Fine day.
5	29·76	·66	59·8	55·5	50·0	74·0	3·9	1·7	·396	·389	77	89	E 1	Calm 0	4	0	—	∞ a. and p. Very fine.
6	·64	·49	61·3	60·2	51·5	72·8	3·0	0·5	·444	·505	82	97	Calm 0	SW 3	9	10	·230	Dull, then ●.
7	·61	·64	64·2	55·7	55·5	68·5	5·5	1·3	·419	·406	70	92	NW 3	W 2	7	0	·040	Fine day.
8	·51	·56	54·7	55·7	53·0	64·0	4·1	1·5	·319	·400	75	90	SW 3	W 3	7	5	·110	● showers.
9	·75	·72	60·6	48·6	48·2	63·8	8·0	2·1	·306	·290	58	86	W 2	Calm 0	3	4	—	Fine day. ∞ 9p.
10	·72	29·87	54·5	50·7	43·4	60·8	5·6	4·8	·283	·256	67	69	E 3	E 2	10	2	—	Fine day.
11	29·95	30·05	58·0	49·7	45·9	65·5	6·6	3·2	·305	·278	63	79	E 1	Calm 0	1	0	—	Fine day.
12	30·13	30·08	57·6	50·7	41·4	66·5	6·0	3·5	·313	·283	66	77	E 1	Calm 0	0	0	—	Fine day.
13	·06	29·98	49·7	61·2	37·5	66·8	2·1	1·9	·303	·475	86	89	E 1	Calm 0	10	6	—	Fine day.
14	30·09	30·07	67·3	54·7	54·7	71·8	8·2	1·9	·397	·373	59	88	W 4	Calm 0	7	0	—	Fine day.
15	29·98	29·81	61·2	54·6	52·0	68·6	1·7	0·8	·482	·403	90	95	Calm 0	Calm 0	9	0	—	Fine day.
16	·72	·64	59·2	55·9	53·0	67·5	2·1	3·7	·436	·344	88	77	N 1	N 2	10	4	—	Dull day.
17	·65	·57	58·8	56·3	48·0	62·0	5·8	0·4	·333	·441	67	97	N 2	SW 1	6	10	·030	●⁰ p.
18	·50	·37	58·8	59·8	56·0	61·0	1·0	1·1	·464	·477	95	93	W 1	Calm 0	10	10	·030	Dull, with ●⁰.
19	·25	·21	62·4	52·5	52·0	67·0	3·6	2·6	·444	·327	79	82	SW 2	Calm 0	9	3	·010	Dull day.
20	·23	·30	56·1	42·9	42·4	61·4	5·7	0·4	·299	·267	67	97	S 1	Calm 0	0	0	·070	Fine a. ● p.
21	·31	·33	44·7	43·3	31·2	56·6	2·2	1·4	·248	·249	84	89	SE 1	Calm 0	5	4	·020	≡ before 9a. ⊍
22	·49	·54	49·7	42·9	36·5	61·0	2·4	1·4	·297	·245	84	89	W 1	N 1	4	1	·130	Frequent ● showers.
23	·43	·70	47·8	44·2	41·4	54·2	4·5	2·7	·232	·231	70	80	N 1	N 1	10	10	·100	Frequent ● showers. ▲ 2.30p.
24	·84	·89	54·7	47·8	43·4	58·1	6·6	3·3	·264	·256	62	78	N 1	W 1	4	10	—	▲ in past n.
25	·85	·82	55·4	51·2	47·6	59·0	4·0	1·3	·330	·342	75	91	W 2	Calm 0	10	9	·040	● showers.
26	·74	·60	57·8	57·8	49·1	61·0	2·6	0·3	·401	·469	83	98	SW 2	W 3	10	10	·290	Dull, with ● showers.
27	·62	·66	59·1	56·0	51·0	63·0	1·8	6·1	·444	·290	89	65	W 2	W 1	9	7	·080	
28	·49	29·13	57·8	54·7	47·8	59·2	1·0	0·1	·447	·425	94	99	SW 4	SW 2	10	10	·880	Overcast, with ● all day. ▲ n.
29	·05	28·99	55·7	53·5	50·8	61·6	3·3	3·6	·352	·315	79	76	SW 6	SW 4	6	5	·150	Frequent ● showers. ▲ 7p.
30	29·03	29·20	57·8	49·5	46·6	62·0	5·4	1·3	·329	·321	69	90	SW 1	Calm 0	3	3	·010	Fine, then ●⁰.
Mean	29·674	29·656	58·1	53·2	48·0	64·7	4·2	2·0	·368	·357	75·6	86·7	1·7	0·9	6·5	4·5	2·220	

Margate.—September 1893.

Height above Mean Sea Level, 83 feet. Heights above Ground :—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 24′ E. Lat. 51° 24′ N. Gravity Correction, + ·017 in.

Day.	Bar. 9 a.m.	Bar. 9 p.m.	Temp. 9 a.m.	Temp. 9 p.m.	Min.	Max.	Dep. of Wet 9 a.m.	Dep. of Wet 9 p.m.	Vap. Tens. 9 a.m.	Vap. Tens. 9 p.m.	Per-cent. 9 a.m.	Per-cent. 9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	Cloud 9 p.m.	Rain 9 a.m.	Remarks.
1	29·93	29·91	62·5	58·8	56·4	66·2	4·3	2·5	·427	·418	75	85	NE 1	N 1	6	8	—	Fine day.
2	29·93	30·08	62·7	60·8	57·4	68·0	4·0	4·8	·439	·385	77	73	NNE 3	N 1	10	9	—	
3	30·12	·17	60·0	59·6	57·4	65·0	5·1	4·6	·366	·374	71	73	N 1	NE 1	10	0	—	Fine day.
4	30·15	30·03	61·3	57·0	54·4	65·0	4·2	2·2	·409	·400	76	86	NE 1	NE 1	10	0	—	Very fine.
5	29·96	29·80	63·3	59·4	51·4	70·0	6·1	1·6	·388	·456	67	91	E 2	E 1	3	0	—	Very fine.
6	·75	·61	66·5	64·0	52·4	78·1	6·7	8·0	·422	·353	65	59	ESE 1	W 3	5	10	·030	Very hot.
7	·66	·76	68·6	61·0	60·4	74·8	4·5	7·0	·528	·334	76	62	W 3	W 2	10	10	—	Fine day.
8	·68	·57	64·7	55·0	52·4	65·8	7·7	3·0	·369	·349	60	81	W 4	N 2	8	0	·240	Dull, with ●.
9	·77	·81	57·0	58·4	51·4	63·0	3·8	8·4	·357	·271	76	55	N 2	N 1	6	10	—	Very fine.
10	29·89	29·99	57·7	56·5	53·0	60·9	9·0	6·5	·253	·288	53	63	NNE 1	E 3	1	0	—	Fine day.
11	30·11	30·16	59·6	59·3	55·0	61·4	6·5	4·5	·328	·371	65	73	E 3	SE 3	8	0	—	Fine day.
12	·19	·16	62·0	58·0	56·0	63·0	3·2	1·5	·449	·434	81	90	E 3	E 2	0	0	—	Fine day.
13	·11	·04	62·3	57·4	49·2	65·0	4·5	3·7	·418	·365	74	77	ENE 1	SSW 4	2	6	—	
14	·15	30·19	63·4	60·0	56·4	69·0	3·3	1·0	·469	·483	81	94	W 2	W 1	10	10	—	Very dull. ⌓
15	30·12	29·93	63·1	59·2	56·0	73·0	2·9	2·2	·477	·433	82	87	SW 3	SW 1	10	0	—	Fine day.
16	29·81	·64	61·6	60·9	50·5	66·2	0·6	0·9	·528	·503	96	95	Calm 0	SW 2	10	10	·400	⌓ ≡ a. ● p.
17	·61	·68	57·0	55·0	54·4	63·2	2·1	3·4	·403	·339	86	79	N 3	SW 1	10	0	—	Fine day.
18	·62	·53	60·6	60·3	49·0	67·0	3·4	1·9	·421	·461	80	88	W 3	SW 3	9	10	—	
19	·46	·40	63·8	60·0	56·6	67·7	3·8	1·0	·462	·483	78	94	SW 4	W 4	9	8	·060	↗
20	·35	·37	57·6	48·7	48·4	63·0	3·2	1·7	·379	·301	80	88	SW 2	W 2	9	1	·010	●⁰.
21	·46	·35	50·9	50·3	45·2	55·3	1·7	3·6	·329	·276	88	76	Calm 0	SE 3	10	10	·260	⌓ a. ● p.
22	·53	·64	50·6	47·1	42·6	61·9	3·8	2·9	·276	·257	75	79	W 2	SW 3	4	0	—	Fine day.
23	·53	·62	48·6	41·6	40·4	52·8	4·1	1·8	·247	·225	72	86	W 2	W 3	10	1	·020	Dull day. ↗
24	·83	·96	49·1	46·4	38·4	58·0	4·1	3·2	·253	·243	72	78	WNW 3	W 2	5	0	—	Sunny day.
25	·89	·93	52·2	52·4	41·2	60·1	4·3	2·4	·283	·330	73	84	W 3	Calm 0	10	10	—	Fine day.
26	·90	·83	55·2	54·8	46·5	63·7	4·6	2·6	·313	·357	72	83	W 2	W 4	9	4	·210	Fine day.
27	·69	·76	58·1	58·3	52·4	65·7	1·8	2·3	·431	·416	88	85	SW 3	SW 3	10	0	—	<
28	·77	·52	57·5	59·0	49·1	62·0	4·1	1·0	·356	·467	75	94	W 3	SW 4	10	10	·640	↗ ●
29	·29	·34	55·4	56·6	52·4	64·1	1·4	3·4	·397	·361	91	78	SSW 3	W 3	10	6	·530	●² a. ⊍. Lunar ⌒ 9p.
30	29·23	29·41	51·8	51·1	50·8	61·9	0·7	1·2	·366	·344	95	91	SW 3	SW 2	10	0	·100	●² a.
Mean	29·782	29·773	58·8	56·2	51·2	64·7	4·0	3·2	·385	·369	76·7	80·9	2·2	2·2	7·8	4·4	2·500	

Southampton.—September 1893.

Height above Mean Sea Level, 78 feet. Heights above Ground :—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24′ W. Lat. 50° 55′ N. Gravity Correction, + ·016 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·95	30·04	61·7	57·7	57·7	69·0	2·1	0·1	·480	·473	88	99	NW 2	NW 0·1	10	2	—	Beautiful day. ⌓ n.
2	30·07	·13	62·0	60·7	54·4	70·5	3·3	3·6	·447	·417	81	79	NW 1·5	NW 0·5	10	0	—	Dull a. Beautiful p.
3	·22	·19	63·1	58·5	53·2	73·3	4·8	1·6	·422	·441	73	89	NW 1	NE 0·1	9	0	—	Beautifully fine and warm. ⌓ n.
4	30·16	30·02	64·8	56·0	47·0	68·7	6·1	2·1	·413	·388	68	86	SE 2	E 1·5	1	0	—	⌓ a. Beautiful day.
5	29·94	29·82	66·2	58·5	51·1	71·5	5·5	2·4	·453	·417	71	85	SE 1·5	WSW 1	1	1	—	⌓ a. and p. Beautiful day.
6	·78	·71	66·3	64·0	50·1	78·6	6·8	1·6	·417	·539	65	90	WSW 0·5	SW 1·5	4	10	·062	⌓ a. Very warm. ● 9p.
7	·73	·83	65·6	58·2	57·9	74·7	1·6	2·7	·570	·404	90	83	W 2·5	SW 1	10	0	—	Beautiful day from 9a.
8	·71	·66	66·7	55·0	54·1	70·7	6·4	1·1	·436	·400	67	92	W 3	SW 2	5	3	·250	ꓘ² ▲² ●² 11a. < ●² showers p.
9	·85	·84	58·4	51·6	49·9	66·6	3·5	2·4	·385	·320	79	83	N 1·5	WSW 1	9	1	—	Beautiful day. ⌓ n.
10	29·88	29·99	56·9	53·3	44·8	63·0	5·0	4·3	·326	·296	70	72	SE 3·5	E 3·5	9	0	—	Fine and pleasant, but cool.
11	30·10	30·16	57·4	53·1	46·9	68·9	4·5	3·4	·345	·314	73	77	NE 3	E 3	7	0	—	Beautiful day, but with cool wind.
12	·21	·18	61·7	51·5	46·0	70·7	5·7	2·6	·375	·315	68	82	NE 3	ENE 1	0	0	—	Beautiful day throughout.
13	·16	·10	62·5	59·7	44·0	71·7	5·6	2·8	·390	·425	70	83	NE 1	WSW 1·5	1	10	—	⌓ a. Beautiful day throughout.
14	·21	30·21	70·1	59·7	53·8	79·0	6·1	1·9	·507	·452	69	89	NW 1·5	WSW 1·5	1	0	—	⌓ a. and p. Very warm all day.
15	30·13	29·97	62·7	58·9	46·3	76·9	3·9	1·0	·441	·465	77	94	NE 1	SW 1	0	0	—	⌓ ≡ a. Very warm. ⌓ ≡² n.
16	29·81	·66	57·9	59·0	49·0	65·7	1·0	1·0	·450	·467	94	94	NE 2	NNE 2	10	10	·032	⌓ ≡⁰ a. Dull day. ● p.
17	·71	·74	61·3	56·5	51·7	67·9	5·4	3·4	·378	·361	70	79	NNW 3	SW 1·5	2	10	·026	Beautiful day.
18	·65	·57	59·9	60·0	55·4	66·2	1·4	1·1	·471	·482	92	93	W 1·5	SW 2	10	9	·003	● early a. Dull day. Fine evening.
19	·48	·40	63·7	59·0	58·1	68·1	2·7	0·6	·496	·480	84	96	SW 3·5	WSW 2	10	10	·043	● showers p.
20	·40	·39	57·7	50·0	49·9	64·8	3·7	0·8	·370	·339	77	94	NW 2	NW 2	3	10	·115	Beautiful day till 2p., then ●.
21	·46	·44	45·7	49·3	41·2	61·6	0·7	2·3	·291	·294	95	84	ESE 1	NW 1·5	9	10	—	≡⁰ a. Very fine 9a.—2p., then dull.
22	·60	·70	56·0	46·0	39·4	63·1	4·3	2·0	·333	·265	74	86	WSW 1	WSW 1	1	0	·010	⌓ a. and p. Beautiful day.
23	·56	29·72	48·9	41·1	40·9	53·7	2·7	0·9	·282	·238	81	93	SW 2	WSW 1	10	0	·063	Dull, with ● a. Very fine p., but cool.
24	·94	30·04	53·9	45·7	36·6	62·6	4·3	1·8	·303	·267	73	87	WNW 2	W 0·5	0	0	—	⌓² a. Beautiful day.
25	·67	29·97	57·8	51·6	39·9	66·5	3·8	1·2	·369	·350	77	92	W 3	W 0·5	7	10	·005	Beautiful a. Dull afternoon.
26	·93	·85	53·8	56·5	48·9	65·6	1·3	1·3	·378	·418	91	91	SW 1·5	SW 2	10	8	·305	●⁰ early a. Beautiful day. ●² 11p.
27	·74	·82	60·2	54·0	54·0	66·8	1·2	2·4	·482	·350	93	84	WSW 2	W 1	9	2	—	Beautiful day. ⌓⁰ n.
28	·78	·46	57·0	59·8	48·9	61·9	2·3	1·0	·397	·482	85	94	SW 2	SW 5	10	10	·410	⌓² a. ●² p.
29	·32	·29	62·3	54·9	53·7	63·6	5·9	2·2	·380	·370	68	86	WSW 4	SW 3·5	0	9	·285	Beautiful a. ●² showers p.
30	29·22	29·41	57·2	51·8	51·7	66·1	2·9	1·1	·383	·356	82	92	WSW 2·5	SW 0·5	1	0	·063	●² shower 3p.
Mean	29·823	29·811	60·0	55·1	49·2	67·9	3·8	1·9	·406	·386	78·2	87·6	2·1	1·5	5·6	4·2	1·672	

Plymouth.—September 1893.

Height above Mean Sea Level, 116 feet. Heights above Ground :—Bar., 74 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 4° 8′ W. Lat. 50° 22′ N. Gravity Correction, + ·015 in.

Day.	Bar. 9 a.m.	Bar. 9 p.m.	Temp. 9 a.m.	Temp. 9 p.m.	Min.	Max.	Dep. of Wet 9 a.m.	Dep. of Wet 9 p.m.	Vap. Tens. 9 a.m.	Vap. Tens. 9 p.m.	Per-cent. 9 a.m.	Per-cent. 9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	Cloud 9 p.m.	Rain 9 a.m.	Remarks.
1	29·91	29·96	64·0	59·0	56·8	69·9	4·9	2·8	·434	·413	72	83	N	N	6	0	—	Fine and clear a.
2	30·02	30·04	63·0	59·5	52·9	71·6	3·2	2·8	·467	·421	81	83	N	Calm	4	0	—	Fine and sunny.
3	30·07	30·07	67·0	57·9	50·9	70·1	5·8	2·7	·459	·400	69	83	NE	NE	0	0	—	Fine and sunny all day.
4	29·99	29·89	66·0	58·0	52·6	68·0	6·3	2·6	·427	·404	67	84	SE	ESE	6	0	—	Fine a.
5	·80	·73	65·9	58·9	56·7	72·3	5·1	2·0	·461	·434	73	87	SSE	ENE	8	3	—	○ < ⌓
6	·69	·65	66·8	61·0	50·7	70·7	7·0	0·2	·421	·531	64	99	SSE	SW	2	10	·120	≡⁰ (mist) 9a. Bright till 5p., then ●.
7	·70	·76	66·2	61·7	59·7	69·0	4·4	2·9	·487	·456	76	83	WNW	W	9	8	—	≡⁰ (mist) 9a.
8	·67	·67	64·8	59·0	58·0	68·1	7·3	5·1	·381	·353	61	71	W	W	8	1	·020	Clear, with fresh breeze. ●² shower 3p.
9	·80	·76	60·3	53·0	52·2	62·2	7·9	4·8	·305	·281	59	70	NbyW	E	4	10	·165	Bright till 10a.
10	·67	29·78	55·7	57·5	49·9	58·1	2·0	1·1	·385	·441	87	92	E	E	10	10	·140	Overcast, with ●².
11	29·92	30·02	59·5	55·7	51·9	62·4	6·0	3·3	·338	·352	66	81	E	NE	5	0	—	Fine and clear all day.
12	30·08	·07	59·9	57·6	50·7	66·0	7·0	6·5	·319	·302	62	64	E	N	1	0	—	Very bright and clear all day.
13	·08	·05	61·0	58·0	46·0	66·1	7·4	1·8	·325	·427	60	88	NNW	NNW	4	9	—	≡⁰ (mist) 9a. Fine day.
14	·14	30·13	65·0	57·5	55·9	69·3	5·6	2·1	·431	·412	69	87	NNW	NNW	6	0	—	Cloudless and very warm.
15	30·04	29·85	63·4	58·1	46·0	64·1	4·6	1·1	·431	·451	74	92	SE	Calm	3	0	—	Clear and sunny all day. ⌓ 9p.
16	29·73	·62	61·4	59·2	49·6	64·7	3·1	2·5	·444	·425	82	85	Calm	NNE	10	10	—	≡⁰ (mist) 9a. Overcast all day.
17	·68	·67	58·5	56·8	50·2	62·1	6·1	1·8	·323	·409	65	88	NNW	NW	6	10	·020	
18	·60	·52	61·5	59·0	55·4	63·0	2·4	0·0	·467	·500	85	100	W	WNW	10	10	·060	Overcast and gloomy all day. ●⁰ showers.
19	·41	·32	62·0	57·0	55·5	64·7	2·2	1·5	·482	·421	86	90	WSW	SW	10	9	·025	Overcast and unsettled.
20	·30	·36	59·0	48·1	47·0	60·8	5·6	2·2	·340	·283	68	84	Calm	NW	3	1	·435	Bright a. Overcast, with ꓘ ●² p.
21	·32	·39	52·5	46·5	42·0	52·9	3·6	1·5	·302	·281	76	88	NNW	N	10	7	—	Overcast all day.
22	·55	·63	51·0	47·6	38·0	59·0	4·0	2·4	·275	·273	73	82	Calm	WSW	6	1	·430	≡⁰ (mist) 9a. ▲² noon. ●².
23	·51	·69	52·5	42·3	39·8	53·0	3·1	0·8	·313	·253	79	94	W	E	4	1	·150	Squally, with ●² showers a. Fine p. ⌓.
24	·88	·98	51·5	47·5	35·5	57·0	4·7	2·8	·266	·263	69	81	NW	NW	4	9	—	≡⁰ (mist) 9a.
25	·91	·89	56·0	53·0	42·7	58·6	4·6	1·6	·324	·358	72	89	W	W	10	10	—	Overcast all day.
26	·86	·75	57·0	58·0	47·7	62·5	2·6	0·2	·389	·477	83	99	W	SW	9	10	·217	Bright a. Overcast, with ● p.
27	·69	·76	60·0	55·8	55·0	64·5	1·2	1·7	·479	·397	92	89	W	W	10	8	—	Cloudy a.
28	·66	·28	59·0	59·5	52·9	59·5	1·4	0·2	·456	·503	91	99	SSW	SW	10	10	·815	●² all day. ↗ (gale) at night.
29	·22	·15	59·0	54·8	52·4	61·1	6·1	3·5	·330	·335	66	77	WSW	SW	1	9	·031	Fine till 2p., then cloudy and unsettled.
30	29·16	29·30	57·0	55·9	51·7	62·0	4·1	2·4	·351	·378	75	84	W	NW	2	5	·070	
Mean	29·735	29·725	60·2	55·8	50·2	63·8	4·6	2·2	·387	·388	73·4	85·9	—	—	6·0	5·4	2·698	

LONDONDERRY.—SEPTEMBER 1893.

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

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	30·01	30·06	59·7	60·7	50·2	66·0	2·1	2·0	·446	·465	88	88	NW 2	NW 1	10	10	—	
2	·13	·17	61·4	54·7	53·4	69·4	4·3	1·7	·409	·379	76	89	NW 3	Calm 0	4	0	—	Fine day.
3	·17	30·10	53·0	57·7	46·4	74·4	1·0	1·0	·374	·447	93	94	S 1	Calm 0	2	0	—	Fine day.
4	30·06	29·91	61·9	62·7	52·0	76·0	2·6	3·0	·467	·469	85	82	SW 3	SW 2	9	0	—	Fine day.
5	29·82	·74	60·9	56·3	52·6	69·2	3·3	1·3	·429	·415	81	91	SSW 2	SW 1	9	0	·070	● 3p.—6p.
6	·65	·40	59·4	57·7	51·4	60·0	2·0	1·0	·443	·447	88	94	SW 1	W 1	10	10	·350	● noon—6p.
7	·55	·55	58·6	56·7	55·0	64·6	1·9	3·0	·434	·373	88	81	W 4	W 4	6	1	·190	● showers during day. ◠ 5.30p.
8	·43	·78	53·7	50·9	48·5	68·1	1·4	2·5	·373	·310	90	84	NW 1	NW 2	10	1	·090	● showers.
9	29·89	29·89	54·7	50·0	48·1	59·4	4·2	3·7	·316	·271	74	76	NE 1	NW 2	9	10	·010	● showers during day.
10	30·00	30·13	52·0	45·1	41·4	63·2	3·7	1·4	·294	·267	76	89	NE 2	Calm 0	5	0	—	Fine day.
11	·22	·22	47·1	48·7	38·8	68·4	1·4	2·0	·290	·296	90	86	SW 1	Calm 0	0	0	—	Fine day.
12	30·20	30·08	51·1	55·7	42·8	64·0	2·7	2·8	·308	·366	81	82	SW 2	SW 4	1	10	·020	● 9 in evening.
13	29·89	29·95	60·2	60·3	53·0	63·0	1·6	0·6	·469	·503	91	96	SW 5	NW 3	10	10	·120	● all day.
14	30·07	30·00	63·3	60·0	58·5	66·0	3·5	2·2	·464	·447	79	87	SW 3	SW 4	8	2	·070	Fine day.
15	29·91	29·85	56·9	58·5	54·2	66·0	1·1	3·5	·430	·386	94	78	SW 4	SW 2	10	2	—	Fine day.
16	·83	·80	56·6	51·7	50·0	62·2	3·9	1·7	·350	·339	76	88	NW 2	NW 2	9	2	·070	● during day.
17	·62	·58	54·0	56·7	49·0	61·0	0·5	1·1	·403	·427	97	93	NW 2	NW 1	10	10	·080	● during day.
18	·44	·26	58·1	57·1	55·0	61·4	1·6	2·2	·435	·401	89	85	W 4	W 4	10	10	·060	● showers during day.
19	·17	·16	54·4	47·7	46·0	58·0	4·7	2·0	·300	·283	71	86	W 4	NW 4	6	10	·240	● showers during day.
20	·33	·37	48·3	43·7	41·9	54·5	3·4	1·0	·259	·262	76	92	NW 3	NW 1	9	10	·550	● showers.
21	·40	·53	46·1	47·7	40·0	56·8	1·7	2·9	·273	·264	88	81	NW 3	NW 3	3	10	·090	● showers.
22	·66	·54	48·7	46·9	43·3	54·3	4·6	3·1	·239	·251	70	80	NW 4	NW 4	2	10	·320	● showers.
23	·54	·79	42·4	43·7	39·8	53·0	1·0	2·0	·250	·242	92	85	NE 2	N 1	8	2	·130	● showers.
24	·93	·85	45·7	50·1	40·3	54·6	2·0	0·7	·262	·344	86	95	NW 2	NW 2	4	10	·200	● showers.
25	·90	·81	49·7	52·7	47·4	53·2	0·6	0·7	·340	·378	95	95	Calm 0	N 1	10	10	·520	● all day.
26	·69	·65	56·4	53·7	51·0	58·2	0·9	1·0	·428	·384	95	93	SW 1	NW 1	10	10	·040	
27	·63	29·59	54·1	51·7	50·2	59·2	2·4	1·5	·351	·344	83	89	WSW 3	SW 2	7	10	·110	● showers during day. ◡ 8p.
28	29·24	28·97	55·6	51·7	49·4	62·0	1·4	1·0	·402	·357	90	93	SW 3	SW 3	9	10	·280	● showers. ◡
29	28·80	28·87	50·1	49·5	47·3	56·7	0·9	1·1	·338	·325	93	92	SW 4	SW 2	9	10	·250	◠ 9a. ● showers.
30	28·96	29·19	49·9	46·7	45·7	58·9	1·7	0·7	·315	·302	88	95	WSW 4	W 1	5	3	·290	● showers.
Mean	29·703	29·692	54·1	52·9	48·3	62·1	2·3	1·8	·363	·358	85·4	88·0	2·5	1·9	7·1	6·1	4·150	

ARMAGH.—SEPTEMBER 1893.

Height above Mean Sea Level, 196 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 39 W. Lat. 54° 21′ N. Gravity Correction, + ·025 in.

1	29·88	29·94	58·8	59·0	54·0	64·5	1·8	2·2	·439	·430	89	87	NW 0·5	NW 0·5	10	10	—	Overcast all day.
2	30·00	30·04	59·7	51·8	51·7	65·1	2·1	0·3	·446	·378	88	98	NW 0·5	N 0·5	10	0	—	
3	30·04	29·99	59·9	56·8	42·6	69·4	2·3	3·2	·443	·370	87	80	N 0·5	S 0·5	3	0	—	
4	29·95	·81	56·0	58·0	47·1	70·0	1·2	3·0	·413	·393	92	81	SSW 1	S 1	10	2	—	
5	·70	·62	60·2	58·6	47·7	67·0	3·0	1·0	·426	·461	82	94	SSW 1	W 1	10	10	—	
6	·55	·30	58·8	58·8	51·8	59·8	2·1	0·8	·431	·470	87	95	SW 1	SSW 1	10	10	·246	
7	·46	·46	59·8	54·7	54·5	66·2	3·6	1·4	·403	·388	78	91	WSW 2	SW 1	10	2	·060	
8	·34	·64	56·4	49·3	48·7	59·2	0·7	1·8	·434	·306	96	88	SW 1	NNW 1	10	4	·020	
9	·74	·74	56·5	46·5	44·1	58·3	5·7	0·8	·307	·298	67	94	NNW 0·5	N 0·5	5	8	—	
10	29·85	29·98	52·6	43·7	37·2	55·9	5·9	1·2	·255	·258	65	99	ENE 1	Calm 0	7	1	—	
11	30·08	30·10	52·6	45·7	36·0	61·3	2·8	1·4	·323	·275	81	90	Calm 0	S 0·5	0	0	—	
12	30·10	30·00	53·0	52·7	37·9	62·9	3·3	4·0	·315	·296	78	74	WSW 0·5	SW 1	3	7	—	
13	29·82	29·86	56·8	60·1	50·0	63·2	1·4	0·3	·420	·509	91	98	SW 3	WSW 1	10	10	·024	
14	·98	·93	63·0	60·7	58·7	68·0	3·2	2·0	·468	·465	81	88	SW 2	SW 2	9	10	—	
15	·78	·74	62·9	52·1	50·9	63·0	3·1	1·4	·469	·352	82	90	SW 3	WSW 1	10	9	·035	
16	·70	·68	59·4	46·7	46·0	64·1	4·4	1·1	·376	·293	74	92	WSW 1	NW 1	9	4	·012	
17	·53	·47	51·6	56·0	45·1	58·7	1·7	1·0	·338	·419	88	93	SW 1	WSW 1	10	10	·015	Overcast all day.
18	·35	·17	57·6	57·1	55·0	60·1	1·6	1·8	·426	·423	89	88	SW 1	SW 2	10	10	·050	Overcast all day.
19	·09	·08	57·4	45·8	45·3	59·0	6·3	0·4	·303	·299	64	97	WSW 1	SW 3	8	5	·012	
20	·20	·25	52·3	40·0	38·1	54·9	0·3	1·2	·384	·222	98	90	NW 1	WSW 1	7	9	·014	
21	·28	·38	51·0	44·2	38·0	57·7	3·4	1·5	·290	·257	78	89	W 0·5	N 0·5	0	10	—	
22	·51	·44	51·8	43·7	38·9	55·2	5·2	2·2	·261	·238	69	83	NNW 1	WSW 1	2	10	·150	
23	·40	·66	45·7	39·8	35·7	52·0	3·0	1·0	·241	·225	79	92	NW 1	NW 0·5	10	8	·042	
24	·83	·74	50·0	49·2	36·9	57·0	4·5	1·3	·255	·318	71	91	NW 0·5	WSW 1	3	10	·045	
25	·78	·70	52·4	51·0	47·5	54·7	2·4	0·8	·330	·353	84	94	WSW 0·5	SW 1	10	10	·262	
26	·57	·54	56·6	53·2	50·3	64·0	0·6	1·2	·440	·371	96	92	SW 1	NNW 0·5	10	10	·048	
27	·53	29·50	56·0	50·0	49·6	59·0	3·2	1·5	·360	·322	80	90	SW 1	SW 2	10	10	·087	
28	29·12	28·89	57·2	51·2	49·5	62·7	1·8	0·8	·415	·355	88	95	SW 3	SSW 2	10	10	·140	
29	28·74	28·79	55·2	47·7	47·5	56·3	4·9	1·1	·308	·304	71	92	SW 4	SW 2	3	3	·100	
30	28·88	29·09	55·0	45·7	45·2	58·3	3·9	0·9	·327	·287	76	94	SW 3	SW 1	7	4	·055	
Mean	29·592	29·584	55·9	51·0	46·1	60·9	3·0	1·4	·368	·344	81·6	90·3	1·3	1·1	7·5	6·9	1·417	

MARKREE CASTLE.—SEPTEMBER 1893.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27′ W. Lat. 54° 11′ N. Gravity Correction, + ·024 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·97	30·02	61·2	60·0	53·4	63·9	3·3	1·2	·434	·479	81	93	NNW 2	NW 1	9	10	—	
2	30·08	·09	60·0	55·6	52·9	67·7	3·0	1·8	·423	·391	82	88	NW 1	ENE 0·5	8	9	—	
3	30·09	30·01	62·6	59·0	43·0	71·0	3·7	1·8	·445	·442	79	89	SSE 1	SE 1	2	7	—	
4	29·97	29·84	57·4	57·9	52·1	71·6	1·1	2·4	·438	·409	93	85	SSE 1	SE 1	10	9	—	
5	·73	·71	59·6	51·7	50·4	65·8	2·3	0·6	·417	·367	86	96	SE 1	Calm 0	10	2	·180	
6	·59	·39	56·6	59·4	45·2	59·9	0·6	2·2	·410	·437	96	87	SSW 0·5	WSW 3	10	10	·220	
7	·56	·54	61·3	54·4	53·3	67·0	4·2	1·3	·410	·386	76	92	SW 2	SW 1	9	9	·270	
8	·44	·76	51·8	51·4	47·7	58·9	0·7	3·9	·366	·284	95	75	SW 1	NNW 1	10	6	·250	
9	·83	29·81	54·8	50·0	43·8	59·0	4·8	2·7	·304	·293	71	82	NNW 0·5	NNE 1	7	10	·010	
10	29·90	30·04	52·6	39·1	38·3	59·3	3·6	0·8	·303	·223	76	93	ESE 2	Calm 0	8	2	—	
11	30·13	·15	56·2	48·0	33·7	61·8	3·5	2·1	·355	·283	78	85	SE 1	SE 1	5	4	—	◡
12	30·17	30·06	55·4	51·6	34·0	64·8	3·8	1·6	·336	·340	77	89	S 0·5	SSW 1	9	10	·010	
13	29·90	29·97	62·3	60·4	50·1	65·2	2·1	1·7	·490	·469	87	90	SW 2	WSW 2	10	10	—	
14	30·06	·99	63·3	60·1	58·9	67·9	3·3	1·1	·470	·483	80	93	SE 0·5	SE 1	9	10	·020	
15	29·87	·82	59·2	54·2	53·0	66·3	0·7	1·5	·481	·378	96	92	Calm 0	Calm 0	10	10	·010	
16	·78	·78	58·9	51·8	48·7	60·4	3·7	2·2	·387	·328	77	85	SSW 1	NNW 0·5	7	9	·060	
17	·63	·58	55·0	57·0	48·8	58·4	1·4	1·1	·392	·431	91	92	SW 1	W 1	10	10	·100	Overcast all day.
18	·45	·28	58·0	56·1	55·3	61·5	1·7	1·0	·430	·421	89	93	SSW 0·5	WSW 1	10	10	·100	Overcast all day.
19	·17	·18	56·8	45·0	41·8	59·6	5·0	1·8	·335	·257	70	86	WSW 1	SW 1	10	8	·350	
20	·30	·37	48·0	42·2	41·5	51·6	2·5	1·0	·274	·247	83	92	S 0·5	NNW 1	9	10	·260	
21	·38	·48	49·8	46·5	39·6	54·1	5·0	2·3	·244	·263	69	83	NW 2	N 0·5	8	10	·040	
22	·66	·58	47·5	45·8	42·2	54·0	2·2	2·6	·276	·250	84	81	NNW 3	WNW 1	10	10	·350	
23	·55	·77	46·1	44·4	39·3	51·7	2·2	3·5	·262	·219	84	74	N 3	NNW 1	9	7	·200	▲ ● showers a.
24	·92	·87	50·8	51·0	37·4	55·8	4·3	1·1	·268	·346	72	92	NNW 1	WNW 2	6	10	·210	
25	·86	·77	53·3	52·0	49·2	56·7	1·3	0·8	·370	·366	91	94	SSW 0·5	Calm 0	10	10	·250	
26	·64	·61	56·9	53·9	51·3	59·0	0·9	0·7	·435	·395	94	95	Calm 0	Calm 0	10	10	·130	
27	·62	29·55	55·1	50·3	49·9	59·5	3·5	1·3	·338	·331	78	91	W 1	S 1	9	10	·280	
28	29·22	28·93	55·1	49·2	48·7	61·9	1·0	1·4	·405	·315	93	91	W 1	S 2	10	7	·160	
29	28·79	28·85	52·5	46·2	45·6	59·1	2·6	1·2	·327	·285	82	92	S 1	SSE 0·5	10	7	·080	
30	28·96	29·17	56·2	42·8	39·6	59·6	4·0	0·8	·342	·257	75	94	SW 2	SSW 0·5	9	7	·070	
Mean	29·674	29·666	55·8	51·6	46·3	61·1	2·7	1·7	·374	·346	82·8	88·7	1·2	0·9	8·8	8·4	3·610	

DUBLIN (PHŒNIX PARK).—SEPTEMBER 1893.

Height above Mean Sea Level, 155 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 21′ W. Lat. 53° 22′ N. Gravity Correction, + ·022 in.

1	29·95	29·98	61·5	59·8	55·1	64·8	3·8	2·9	·424	·423	78	82	NW 1	Calm 0	4	8	—	
2	30·06	30·10	62·9	51·0	50·0	68·9	5·6	1·2	·396	·343	69	92	NW 1	Calm 0	1	0	—	Beautiful day. ≋ at night.
3	·12	30·05	64·7	51·7	41·1	68·6	5·1	1·3	·440	·349	72	91	Calm 0	Calm 0	1	0	—	Beautiful day.
4	30·02	29·89	63·8	50·8	44·9	72·9	4·3	1·2	·449	·341	76	91	Calm 0	Calm 0	1	0	—	Beautiful day.
5	29·79	·68	62·8	52·8	43·1	71·9	4·8	0·4	·417	·389	73	97	Calm 0	Calm 0	5	1	—	
6	·64	·41	62·5	60·8	51·4	63·9	5·2	1·2	·401	·493	71	93	Calm 0	WSW 1	7	9	·120	Cloudy a. Dull with ● 9 p.
7	·57	·58	62·5	55·4	54·9	68·9	5·2	2·6	·401	·366	71	84	W 2	Calm 0	6	2	·080	Cloudy a. ● 9 11a. and 6p. Bright p.
8	·46	·68	55·7	50·7	50·0	63·7	3·9	2·8	·338	·300	76	81	W 2	NW 1	8	1	·050	Cloudy day. ● 9 showers p.
9	·82	·77	53·4	43·6	40·0	58·6	3·9	0·7	·307	·268	75	94	Calm 0	Calm 0	4	4	—	Cloudy a. Bright p.
10	29·83	29·95	54·8	51·9	36·7	58·0	5·3	4·2	·293	·283	69	73	E 2	E 1	9	1	—	Cloudy a. Bright p.
11	30·11	30·16	57·6	41·4	36·4	60·8	6·9	0·5	·293	·251	62	96	E 1	Calm 0	2	1	—	Beautiful day.
12	30·18	30·09	53·7	44·4	32·9	66·1	2·9	0·9	·334	·272	81	93	Calm 0	Calm 0	1	0	—	Beautiful day.
13	29·97	29·94	57·8	61·6	42·7	64·7	4·1	2·3	·362	·472	76	86	SSW 2	WNW 1	8	10	—	
14	30·08	30·03	63·7	62·3	58·9	68·2	5·1	4·3	·423	·423	71	75	WNW 1	W 1	7	9	—	
15	29·92	29·81	65·3	56·9	56·6	69·9	5·9	1·0	·426	·433	69	94	WSW 1	Calm 0	7	10	·010	Cloudy day. ● 9 6p.—7p.
16	·79	·73	57·3	46·6	46·0	63·8	2·9	1·0	·385	·294	81	93	Calm 0	Calm 0	5	1	—	Cloudy a. Bright p.
17	·67	·56	50·9	55·9	41·9	57·7	2·2	0·5	·318	·432	86	97	WNW 1	WNW 1	9	9	·025	Dull day. ● 9 10a.—1.30p.
18	·46	·31	58·3	58·9	55·5	62·0	1·8	1·6	·432	·446	88	90	WNW 1	W 1	9	10	·080	Cloudy a. Dull p. ● 9 from 9p.
19	·22	·20	56·5	44·5	44·1	62·2	3·8	2·5	·351	·238	76	81	W 1	Calm 0	9	0	·070	Cloudy, with ● 9 showers.
20	·28	·32	50·5	39·0	38·2	53·3	3·7	1·4	·277	·210	76	89	Calm 0	Calm 0	8	1	·010	Cloudy day. ● showers noon—2p.
21	·37	·39	47·1	41·4	34·7	56·2	3·5	0·9	·244	·242	76	93	WNW 1	Calm 0	2	1	·010	Beautiful day. ● 9 7p.
22	·58	·58	49·0	44·6	36·4	57·2	3·2	2·7	·272	·236	78	80	WNW 1	NW 1	6	9	·125	Cloudy day. ● 9 9p.—11p.
23	·50	·69	45·3	42·5	37·9	51·8	3·7	2·2	·223	·226	74	83	NW 2	NW 1	6	0	·010	Beautiful day.
24	·91	·85	47·5	49·7	35·4	56·6	3·0	1·3	·259	·323	80	91	NW 1	WNW 1	1	5	—	Beautiful day. ◡
25	·87	·81	51·4	51·8	47·9	58·0	1·5	1·4	·341	·348	90	90	Calm 0	Calm 0	9	8	·065	Dull, with ● 9 showers.
26	·68	·60	56·6	55·5	50·4	61·6	2·1	0·8	·397	·418	86	95	WNW 1	Calm 0	8	8	·030	Cloudy, with ● 9 showers.
27	·62	·61	55·0	51·4	50·6	61·8	2·2	2·9	·370	·307	86	81	W 1	WNW 1	8	8	·020	Cloudy, with ● 9 showers.
28	29·28	29·02	59·9	53·1	50·7	62·2	2·6	3·3	·433	·316	85	78	WSW 3	WSW 1	9	7	·075	Cloudy, with ● 9 showers.
29	28·88	28·90	53·6	48·9	48·4	58·6	4·0	2·1	·306	·296	75	86	WSW 3	WSW 1	6	4	·030	Cloudy, with ● 9 showers.
30	29·00	29·16	53·2	48·4	44·4	60·0	3·5	1·7	·313	·298	77	88	WSW 1	Calm 0	2	1	·045	Beautiful day. ● 2 5p.
Mean	29·688	29·661	56·5	50·9	45·2	62·4	3·9	1·8	·354	·335	76·8	87·9	1·0	0·4	5·6	4·3	0·855	

PARSONSTOWN (BIRR CASTLE).—SEPTEMBER 1893.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar., −2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 inches.
Long. 7° 55′ W. Lat. 53° 6′ N. Gravity Correction, + ·021 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·96	29·99	60·9	56·7	53·0	68·9	4·0	1·8	·409	·406	77	88	NW 1	NW 1	5	10	—	Fine and bright.
2	30·00	30·05	56·7	56·7	47·8	69·7	1·8	2·4	·406	·389	88	85	Calm 0	SE 1	10	0	—	Dull *a*. Day fine and warm.
3	30·06	30·00	61·7	57·7	46·8	71·7	3·3	1·8	·443	·423	80	88	W 1	SE 1	2	2	—	Dull *a*. Day fine and bright.
4	29·95	29·85	64·7	57·7	50·3	71·9	4·6	1·8	·454	·423	75	88	SE 2	Calm 0	2	0	—	Dull *a*. Day fine and bright.
5	·76	·69	60·9	59·9	51·8	67·7	3·0	1·5	·438	·467	82	91	SE 1	SW 1	9	10	—	Dull *a*.
6	·61	·43	58·9	59·9	51·8	61·7	2·0	8·1	·435	·296	87	57	SE 1	SW 1	10	10	·260	Gloomy *a*. ● 2.
7	·59	·59	61·2	54·7	54·7	65·8	4·3	0·8	·405	·406	76	95	SE 1	SW 1	9	0	·470	Dull, with ● 2.
8	·47	·74	57·9	51·7	48·8	63·2	3·0	1·8	·393	·337	81	88	SSW 2	SE 1	6	0	·050	Dull, with ● 2 *a*.
9	·82	·71	51·7	49·9	42·8	56·7	3·0	1·8	·308	·313	80	88	SW 1	SE 1	9	3	—	Dull *a*.
10	29·78	29·96	50·7	44·7	42·8	58·7	3·8	1·8	·277	·255	75	87	NNW 1	SW 1	6	0	—	⌐ *n*. Fine and bright.
11	30·07	30·12	55·9	46·7	40·0	61·7	4·8	1·8	·320	·277	71	87	SE 1	SW 1	2	0	—	Fine and bright.
12	30·14	30·09	54·7	48·7	35·2	64·7	4·6	1·6	·306	·304	72	89	Calm 0	SW 1	3	10	—	Fine day.
13	29·98	29·99	57·7	60·1	45·0	64·7	2·8	3·2	·395	·419	82	81	SW 1	Calm 0	10	10	—	Dull day.
14	30·07	30·04	61·9	60·9	54·8	68·7	3·4	3·0	·444	·438	80	82	NW 1	NE 1	9	0	—	Fine day.
15	29·91	29·82	62·9	56·7	55·8	66·7	4·2	1·8	·435	·406	76	88	SW 1	SW 1	9	0	—	Fine day.
16	·78	·76	57·7	47·7	47·7	63·2	3·0	1·3	·390	·299	81	91	Calm 0	SW 1	9	2	—	
17	·72	·59	52·7	56·7	44·8	61·7	1·8	6·0	·349	·302	88	66	SW 1	SW 1	10	10	—	Dull day.
18	·48	·33	58·7	58·7	55·8	62·7	0·8	0·8	·468	·468	95	95	SW 1	Calm 0	10	10	·142	≋ (mist) *a*. Dull, with ● 0.
19	·21	·23	56·7	45·7	44·8	59·9	4·8	1·8	·329	·267	71	87	SW 1	NE 1	10	0	·110	
20	·29	·34	45·7	37·7	36·8	55·7	0·8	0·8	·290	·211	95	93	SW 1	W 1	10	6	—	
21	·38	·42	45·7	39·7	29·8	55·7	2·8	1·8	·245	·209	80	85	Calm 0	SW 1	2	10	—	
22	·62	·62	48·7	44·7	33·8	54·7	3·0	3·8	·272	·216	80	72	W 1	SW 1	5	6	·370	Fine day. ▲
23	·55	·75	44·7	40·7	36·8	51·7	2·8	1·0	·235	·233	79	92	SW 1	W 1	8	2	·080	
24	·88	·89	49·5	48·7	34·9	55·7	3·8	0·8	·265	·324	74	94	W 1	SW 1	2	6	—	Fine and bright.
25	·86	·79	53·0	51·0	47·8	58·7	2·1	0·1	·345	·371	85	99	SW 1	SW 1	10	6	·102	Dull, with ● 2
26	·65	·55	54·9	54·7	50·8	61·7	0·0	0·8	·432	·406	100	95	SE 1	SW 1	10	10	·030	Dull, with ●.
27	·63	·61	54·7	50·9	50·8	59·7	1·8	1·0	·377	·350	88	93	SW 1	SE 1	6	10	·160	
28	29·28	29·00	56·7	51·9	49·8	59·9	1·8	2·0	·406	·334	88	87	SSW 1	SE 1	10	8	·234	
29	28·88	28·89	53·9	48·7	46·8	55·7	4·9	0·8	·289	·324	69	94	S 1	SW 1	10	10	·252	⅂ ▲ ● *n*. Dull, with ● 2 during [day.
30	28·99	29·17	49·7	47·7	45·8	58·7	0·8	0·8	·336	·312	94	94	SW 1	SW 1	4	4	·035	
Mean	29·679	29·667	55·4	51·6	45·9	61·9	2·9	2·0	·363	·340	81·6	87·3	0·9	0·9	7·2	5·2	2·295	

DEERNESS.—OCTOBER 1893.

Height above Mean Sea Level, 169 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45′ W. Lat. 58° 56′ N. Gravity Correction, + ·036 in.

1	29·05	29·25	50·1	50·0	46·0	54·3	2·7	3·0	·294	·286	81	80	SW 4	SW 2	2	8	—	
2	·22	29·10	53·0	50·7	46·0	54·8	3·0	1·7	·322	·326	80	88	SSW 2	SSE 4	1	2	·310	Fine all day. ⅄ 2.
3	29·03	28·91	47·4	48·0	46·0	51·5	1·4	1·2	·293	·304	90	92	SSE 2	SE 2	10	8	·680	● 2 ⅂ 9*a*.
4	28·85	·83	48·5	49·2	46·0	50·8	0·7	0·7	·324	·332	95	96	E 1	E 2	10	10	·350	● 2.
5	28·78	28·89	50·0	46·0	45·0	51·3	1·8	1·0	·314	·287	87	93	N 1	NNE 1	8	8	·460	Overcast all day. ● 2.
6	29·01	29·23	47·4	47·3	45·5	49·8	0·8	0·9	·308	·304	94	94	N 2	N 1	9	10	·100	● 2 *a*. and *p*.
7	·39	·51	48·6	47·1	43·8	50·4	1·3	1·1	·310	·297	91	92	N 3	NE 2	9	4	·150	
8	·56	·37	49·5	51·0	45·0	51·0	1·5	0·6	·315	·358	89	96	ENE 5	E 6	10	10	·330	● 2 showers *p*.
9	·59	·63	48·7	49·0	46·0	52·8	0·7	1·8	·326	·303	95	87	SW 2	SE 4	8	0	·810	
10	·32	·30	49·0	46·0	44·6	50·8	0·3	3·2	·340	·240	98	78	N 4	SW 5	10	0	—	⅄
11	·16	·16	48·2	45·0	43·0	49·8	3·1	1·7	·263	·260	79	87	SSW 7	WSW 8	4	10	·330	⁄ ●
12	·33	·51	46·0	45·0	43·0	48·8	2·3	1·4	·259	·266	84	89	W 7	W 6	4	6	·060	⁄
13	·67	·62	46·4	44·3	42·8	47·8	4·3	1·3	·223	·261	72	90	NW 5	Calm 0	6	7	—	
14	·42	·54	47·6	48·0	43·0	48·8	2·1	2·0	·280	·285	86	86	E 3	E 2	10	10	·040	Overcast all day.
15	·42	·35	48·7	52·0	46·8	52·8	0·7	0·7	·326	·369	95	95	SE 5	SW 1	10	7	·400	
16	·30	·40	52·1	52·0	50·0	53·6	0·9	0·4	·305	·377	93	97	SW 1	NNW 3	10	10	·260	● all day.
17	·70	·83	48·6	44·0	42·8	52·8	3·0	2·3	·271	·238	79	82	N 3	Calm 0	8	0	—	⅄. Meteors seen.
18	·78	29·86	47·2	48·8	40·6	51·8	1·8	1·8	·282	·300	88	87	SW 3	W 3	10	8	·200	
19	·94	30·02	49·4	50·0	43·0	51·8	1·4	1·0	·317	·334	90	93	WNW 3	W 1	7	10	·030	
20	·84	29·72	50·0	54·2	47·0	54·8	1·8	1·0	·324	·391	87	93	SSW 4	SW 2	10	10	·130	
21	·54	·66	54·2	48·3	44·6	56·4	0·9	2·9	·394	·239	94	79	SW 3	W 5	10	4	·200	
22	29·58	·74	48·8	48·4	44·0	50·3	2·6	4·4	·283	·240	81	71	W 7	WNW 8	7	4	—	⁄
23	30·07	·90	47·5	50·0	45·6	50·8	3·5	2·2	·248	·304	76	85	W 3	SW 5	10	10	—	Overcast and dry.
24	29·74	·41	48·2	49·8	45·0	50·8	4·0	0·3	·245	·351	73	98	W 4	S 4	6	10	·220	Very dry.
25	·23	·07	45·2	40·0	38·0	52·8	1·5	1·4	·266	·218	89	89	W 5	SW 5	10	10	·330	⅂ 2 ● 2
26	·10	·14	39·0	41·5	35·0	42·8	1·8	3·5	·203	·193	86	74	NW 5	NW 8	8	1	·140	● showers *a*.
27	29·43	·26	43·0	48·5	36·0	48·8	3·5	1·5	·206	·303	75	89	NW 4	W 6	9	10	·310	⊍
28	28·88	·06	50·2	42·0	39·0	51·8	1·2	3·7	·332	·195	92	74	SW 7	WNW 6	10	3	·400	● 2
29	29·05	·38	38·0	37·0	34·0	42·8	1·8	1·8	·194	·186	85	85	NW 4	NW 6	4	4	·330	▲ showers all day.
30	·59	·79	37·3	37·8	32·0	39·8	2·3	4·0	·179	·156	81	69	NW 5	NNW 6	3	4	·060	✳ 2 showers.
31	29·90	29·46	35·4	42·5	33·2	42·8	2·1	3·5	·167	·202	81	74	NW 1	SSW 8	5	10	·440	⁄ (50 miles per hour) midt.
Mean	29·403	29·414	47·2	46·8	42·7	50·3	2·0	1·9	·283	·281	86·0	86·5	3·7	3·9	7·7	6·7	7·070	

DUNROBIN CASTLE.—OCTOBER 1893.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56′ W. Lat. 57° 59′ N. Gravity Correction, + ·034 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·28	29·43	50·0	48·7	42·2	57·7	2·3	3·2	·302	·267	84	79	W	W	—	—	—	Fine day.
2	·43	·25	50·5	50·5	42·7	54·5	1·2	4·0	·336	·271	91	74	W	W	—	—	—	Fine day.
3	·19	·15	48·7	47·5	43·5	50·5	3·2	2·8	·268	·263	79	81	W	NE	—	—	—	Fine day
4	29·07	·11	48·0	43·5	42·2	51·5	2·3	1·0	·278	·260	84	92	E	E	—	—	·240	
5	28·99	·10	46·7	48·5	42·9	53·5	1·7	1·0	·279	·316	88	93	W	W	—	—	·210	
6	29·23	·44	47·7	48·5	44·9	54·7	3·0	2·0	·261	·292	80	86	W	W	—	—	—	
7	·54	·68	48·5	47·7	43·7	51·3	2·5	1·7	·280	·289	82	88	W	W	—	—	·150	● showers.
8	·72	·59	49·0	48·5	45·2	49·5	3·3	0·5	·270	·328	77	96	E	E	—	—	·630	● showers.
9	·78	·70	45·5	50·5	41·9	51·5	1·8	2·0	·263	·317	87	87	NW	W	—	—	—	
10	·59	·55	46·7	45·5	42·7	53·7	2·2	5·0	·268	·202	85	66	NW	W	—	—	—	Fine day.
11	·41	·50	45·5	42·7	41·7	51·5	1·8	1·4	·263	·244	87	88	W	W	—	—	·160	Fine day.
12	·64	·80	45·0	43·5	42·7	57·0	2·7	2·0	·239	·240	80	84	W	W	—	—	·070	Blowy.
13	·90	·73	47·5	48·7	38·9	49·3	4·0	3·7	·238	·257	73	75	W	E	—	—	·180	Fine and clear.
14	·56	·65	48·5	48·5	35·2	49·3	1·8	1·8	·297	·297	87	87	E	E	—	—	·300	Dull, with ● 2.
15	·57	·55	50·5	54·5	46·0	56·1	1·0	4·0	·346	·318	93	75	E	E	—	—	·180	Dull, with ●.
16	·51	29·70	52·5	53·0	48·5	58·5	1·5	0·7	·354	·383	89	95	W	W	—	—	·140	
17	·88	30·02	48·5	46·0	44·7	53·0	0·5	1·5	·328	·276	96	90	NW	NW	—	—	—	Dull and calm.
18	29·97	·14	45·5	42·7	39·7	52·5	1·8	1·7	·263	·237	87	86	W	W	—	—	·250	Dull and calm.
19	30·19	30·24	50·5	50·5	38·9	55·5	1·8	3·8	·322	·275	88	75	SW	W	—	—	—	
20	30·07	29·94	48·5	56·5	48·2	60·5	0·5	1·2	·328	·421	96	92	NW	SW	—	—	·070	
21	29·79	29·89	58·5	47·5	46·2	59·1	1·5	4·0	·443	·238	90	73	SW	W	—	—	·300	
22	29·82	30·04	50·5	46·7	42·5	54·5	1·8	3·4	·322	·242	88	77	W	W	—	—	—	Fine and sunny.
23	30·30	30·13	49·5	52·5	43·9	57·5	4·5	2·7	·250	·324	70	82	W	W	—	—	—	Fine and sunny.
24	29·88	29·56	51·5	53·5	46·9	55·5	3·5	1·0	·293	·382	77	93	NW	NE	—	—	·250	Fine day.
25	·45	·35	43·7	47·0	40·9	53·5	3·2	4·3	·218	·227	76	71	W	W	—	—	·290	● showers *a*. Fair *p*.
26	·41	·55	37·0	35·5	34·7	43·0	1·5	0·5	·191	·198	87	95	NE	NE	—	—	·250	● showers *a*. Cold *p*.
27	·67	·51	40·0	51·7	34·9	51·7	1·5	5·2	·217	·260	88	68	NW	W	—	—	·030	Fine *a*. ● showers *p*.
28	·21	·33	54·5	40·5	39·9	56·3	4·5	1·3	·306	·224	72	90	W	NW	—	—	·180	Blowy.
29	·35	29·70	36·5	36·0	34·5	44·5	3·0	2·5	·162	·167	75	78	NE	NE	—	—	·340	● showers.
30	29·86	30·06	35·0	34·5	32·5	42·5	1·5	2·0	·174	·161	85	80	W	NE	—	—	·040	Cold, with ● *a*. ✳ showers *p*.
31	30·11	29·66	34·0	40·3	30·5	40·5	0·5	2·8	·186	·195	95	78	NW	W	—	—	·230	Clear *p*.
Mean	29·624	29·646	46·9	46·8	41·4	52·7	2·2	2·4	·276	·270	84·4	83·0	—	—	—	—	4·490	

BRAEMAR.—OCTOBER 1893.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches.
Long. 3° 24′ W. Lat. 57° 0′ N. Gravity Correction, + ·030 in.

1	28·15	28·34	47·6	45·6	42·0	52·2	3·1	2·6	·258	·248	79	81	SW 0·5	SW 0·5	8	8	·020	Fair *a*. ● 9 showers *p*.
2	·26	28·11	46·9	42·4	40·6	50·3	2·2	1·9	·269	·231	85	86	SW 0·5	SW 0·5	6	5	·160	● showers *p*.
3	28·02	27·96	41·9	35·8	35·0	49·2	1·0	0·6	·246	·199	93	95	SW 0·5	SW 0·5	10	1	·020	Dull day.
4	27·85	·84	35·6	43·1	30·0	51·4	1·1	0·6	·189	·261	90	95	SW 0·5	S 0·5	10	9	·020	Dull day.
5	27·86	27·98	42·6	46·0	33·8	50·0	2·1	1·5	·229	·276	85	90	SW 1	SW 0·5	8	8	·020	● 0 showers.
6	28·06	28·27	46·6	38·9	37·8	52·3	2·1	1·2	·209	·214	86	91	SW 0·5	SW 0·5	7	7	—	Fine day.
7	·37	·47	40·9	41·2	36·6	51·0	0·2	1·7	·251	·223	99	86	SW 0·5	SW 0·5	8	8	—	Fine day.
8	·43	·41	44·3	43·4	36·0	47·0	1·0	2·6	·268	·226	92	80	NE 0·5	SW 0·5	10	7	1·260	● 2 till 5 *p*., then fine.
9	·63	·56	38·4	44·7	32·3	50·0	1·2	2·0	·208	·251	90	86	SW 0·5	SW 0·5	7	8	—	Fine day.
10	·38	·42	43·6	41·8	34·2	49·0	2·8	3·3	·224	·200	79	77	SW 1	SW 1	7	4	—	Fine day.
11	·33	·40	42·8	41·2	39·8	49·0	2·3	2·9	·227	·201	83	78	SW 4	SW 2	4	7	—	Fine, but cold.
12	·56	·64	41·3	41·4	38·8	46·3	3·4	2·9	·193	·203	75	79	SW 4	SW 4	6	7	—	Fine, but cold.
13	·76	·58	42·5	40·6	36·2	47·0	3·9	1·1	·195	·230	72	91	SW 4	SW 0·5	5	10	·240	Fine *a*. ● *p*.
14	·40	·43	49·4	54·1	39·5	56·0	0·1	1·0	·350	·371	99	89	SW 0·5	S 0·5	10	6	·250	Mild, with ●.
15	·44	·41	52·9	53·5	49·8	59·9	1·4	3·1	·362	·326	91	79	SW 0·5	SW 2	10	9	—	Dull and mild.
16	·36	·44	55·2	50·4	49·0	56·0	2·8	3·1	·357	·259	82	80	S 2	SW 4	8	9	·010	Fair and gusty.
17	·70	·81	46·2	44·4	44·0	51·2	2·8	0·9	·250	·272	81	93	NW 1	W 0·5	6	8	—	Fine day.
18	·82	28·91	45·4	48·3	37·4	53·7	2·9	2·1	·240	·287	80	85	SW 2	SW 0·5	7	6	—	Fine day.
19	·97	29·03	50·3	49·9	39·8	54·7	2·8	1·2	·295	·231	81	91	SW 1	W 0·5	7	6	—	Fine day.
20	·92	28·82	45·6	54·6	39·8	55·0	1·3	1·9	·276	·377	90	88	SW 0·5	SW 2	10	8	·050	Dull, with ● showers *a*. Fine *p*.
21	·71	·79	57·1	42·2	41·7	58·8	2·6	4·0	·390	·191	83	72	SW 0·5	W 4	8	2	·130	Very fine and mild.
22	28·75	·86	46·6	44·8	40·2	49·6	3·9	4·0	·231	·214	73	72	W 1	NW 6	8	5	—	Fine day.
23	29·11	·99	44·4	47·5	42·2	50·1	3·9	3·2	·212	·255	72	78	SW 0·5	SW 1	5	8	—	Fine day.
24	28·84	·54	52·6	52·3	45·8	55·0	3·1	2·8	·316	·320	79	81	SW 3	SW 8	8	8	·250	Mild *a*. Stormy *p*.
25	·35	·20	47·1	45·8	37·0	52·8	1·8	2·5	·281	·253	87	82	SW 0·5	SW 2	8	5	·280	Cloudy, with ●.
26	·23	·34	34·9	36·6	33·8	46·0	1·4	2·9	·175	·165	87	76	SW 0·5	NW 4	6	6	·160	✳ ● (sleet) ✳ showers.
27	·50	·43	39·6	47·6	35·0	47·8	2·8	2·9	·190	·262	78	80	SW 1	SW 4	7	7	·010	Cold, with ● 0 showers.
28	·14	·25	50·8	39·1	39·1	54·0	3·0	3·4	·296	·175	80	74	SW 1	SW 2	7	8	·020	Fine day.
29	·21	·46	35·6	34·0	33·7	40·4	2·3	2·5	·166	·147	79	75	SW 4	NW 1	6	9	·020	✳ showers.
30	·64	·82	33·8	31·8	31·3	36·2	2·3	2·0	·149	·135	77	75	NW 2	NW 1	7	3	—	Fair, but cold.
31	28·91	28·61	30·6	35·9	29·0	36·7	0·4	0·3	·160	·205	94	97	NW 1	SW 2	6	8	·070	Fair and frosty.
Mean	28·473	28·487	44·3	43·5	38·1	50·3	2·2	2·2	·249	·240	83·9	83·3	1·3	1·8	7·4	6·8	2·990	

LAUDALE.—OCTOBER 1893.

Height above Mean Sea Level, 14 feet. Heights above Ground:—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 41′ W. Lat. 56° 41′ N. Gravity Correction, + ·031 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·31	29·44	51·1	50·9	48·6	56·2	2·2	2·8	·320	·303	84	82	W 2	WNW 1	10	7	·460	● showers, with bright intervals.
2	·37	·20	47·8	47·8	46·4	57·7	1·2	2·7	·303	·267	91	81	SSW 2	S 3	9	10	·420	● showers.
3	29·14	29·01	45·8	44·8	41·9	58·5	1·9	2·6	·267	·239	86	81	S 2	S 2	5	10	·100	Clear and mild *a*.
4	28·97	28·99	37·8	38·1	34·0	52·7	0·7	1·0	·212	·209	94	91	Calm 0	Calm 0	2	0	—	Fine and clear.
5	29·07	29·15	39·8	47·1	31·7	50·1	0·9	1·0	·227	·300	93	93	Calm 0	Calm 0	10	10	·450	≋⁰ (mist) *p*.
6	·25	·41	47·1	46·8	42·9	50·8	0·4	0·7	·315	·303	97	95	Calm 0	Calm 0	10	8	·220	≋⁰ (mist).
7	·52	·59	48·1	43·0	42·0	56·6	2·7	0·7	·271	·262	81	94	Calm 0	Calm 0	7	1	·020	Fine and clear, but damp.
8	·61	·69	47·8	49·8	37·4	55·0	3·7	0·7	·247	·239	75	95	Calm 0	Calm 0	10	0	·220	● during day.
9	·75	·66	48·5	47·9	37·4	52·6	2·9	0·8	·272	·312	80	95	S 1	S 2	10	10	·420	●⁰ noon. ●² from 8*p*.
10	·64	·60	41·7	46·9	37·6	53·8	0·6	4·2	·250	·228	95	72	Calm 0	Calm 0	2	2	·500	●² showers all day.
11	·59	·67	45·0	45·1	43·9	49·6	2·0	2·0	·253	·254	85	85	NW 3	NW 4	7	10	·370	●² showers all day.
12	·81	·89	48·1	49·6	44·1	52·2	3·3	3·5	·258	·271	77	77	NW 3	NW 4	10	6	·180	●² showers. Squally.
13	·94	·66	50·1	51·1	49·2	58·8	2·1	1·7	·308	·332	85	88	Calm 0	S 4	6	10	·850	Very fine *a*. ●² from 1*p*. Squally ↗.
14	·55	·61	55·1	55·1	50·7	58·5	0·4	0·4	·423	·423	97	97	Calm 0	Calm 0	10	10	·400	≋⁰ (mist) ●. Mild.
15	·56	·59	58·7	57·1	53·9	59·3	1·2	3·4	·456	·368	93	79	W 3	W 2	10	8	·170	≋⁰ (mist) ● *a*. Very warm.
16	·56	29·77	57·1	52·1	50·3	59·7	1·3	2·3	·427	·329	91	84	W 4	W 5	9	10	·260	≋⁰ (mist) ●⁰ *a*. ●² ↗ (gale) *p*.
17	29·94	30·02	52·7	46·1	44·8	58·9	3·8	1·6	·301	·275	75	89	Calm 0	Calm 0	4	2	—	Fine and mild.
18	30·03	·13	49·1	53·1	40·6	54·9	1·2	2·3	·319	·341	91	84	Calm 0	W 2	10	10	·200	≋⁰ (mist) all day.
19	30·20	30·24	52·1	51·1	49·6	56·5	1·4	2·0	·352	·325	90	86	Calm 0	NW 2	10	10	·040	Damp and mild.
20	29·95	29·94	53·1	60·5	49·9	60·5	2·4	1·9	·339	·465	83	89	S 7	SSW 4	10	7	·670	Squally ↗ ●.
21	29·85	30·02	56·7	48·7	44·9	61·4	1·2	4·1	·426	·249	93	73	WSW 4	W 2	10	7	·650	Squally ↗ ●.
22	30·01	·15	51·4	50·5	42·4	56·2	2·3	2·7	·321	·299	85	82	WNW 6	NNW 5	7	6	·140	▲ ● showers.
23	·34	30·19	51·5	52·9	49·0	52·9	3·4	4·8	·295	·280	78	70	Calm 0	W 4	10	10	·240	Day fair and mild.
24	30·06	29·70	55·3	57·0	51·0	57·0	1·4	2·7	·397	·385	90	83	W 4	W 8	10	10	1·560	Squally ↗ ● all day.
25	29·51	·35	48·1	46·9	41·1	58·0	2·0	1·1	·286	·295	86	93	W 6	W 5	10	7	·530	↗ ● showers.
26	·50	·60	41·1	48·4	37·4	47·1	2·0	1·8	·216	·230	84	86	N 3	N 3	4	2	·290	▲ ● ✳ (sleet) showers all day.
27	·74	·66	47·1	51·0	41·1	51·8	4·6	1·8	·223	·328	69	87	NW 4	W 3	10	10	·630	Squally ↗ ●*p*.
28	·47	·48	55·1	43·2	43·1	56·9	2·0	2·5	·377	·226	87	81	W 10	NW 5	10	10	·550	↗ ●² till noon.
29	·47	29·73	41·1	37·8	36·1	57·6	4·0	1·6	·181	·196	71	87	N 4	Calm 0	10	2	·170	✳ ▲ ● *a*. ▲ showers *p*.
30	29·89	30·07	39·0	35·8	34·1	47·0	3·7	1·7	·169	·179	72	85	NW 1	Calm 0	3	1	·070	Clear and frosty.
31	30·14	29·81	33·8	42·3	31·7	43·5	0·7	4·7	·180	·182	92	68	SE 2	NNW 5	10	10	·370	✳ *a*. Squally ↗ at night.
Mean	29·668	29·678	48·3	47·8	42·8	54·9	2·1	2·2	·296	·287	85·5	84·9	2·3	2·4	8·2	7·0	11·150	

DUNDEE.—OCTOBER 1893.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 9 inches. Rain-gauge, 1 foot.
Long. 2° 56′ W. Lat. 56° 28′ N. Gravity Correction, + ·030 in.

1	29·21	29·35	50·0	46·6	43·4	60·8	2·5	0·4	·298	·305	83	96	SW 2	SW 1	5	10	—	Fine day.
2	·29	29·11	45·5	44·5	38·9	54·9	0·2	0·3	·301	·286	98	98	SE 1	SW 1	5	10	·060	Cloudy day. ● showers 1*p*.—4*p*.
3	29·03	28·90	44·7	43·5	40·0	56·6	0·3	1·0	·288	·260	97	92	SW 1	W 1	10	0	—	Dull till 1*p*.
4	28·82	·83	41·0	39·4	34·5	53·4	0·4	1·5	·248	·212	97	88	SE 1	W 1	10	7	—	≋⁰ (mist) till 9*a*., then cloudy.
5	28·88	28·97	42·2	46·5	35·3	55·8	1·7	1·9	·233	·272	88	86	NW 1	W 2	10	10	—	Cloudy till 10*a*. Dull from 1*p*.
6	29·07	29·28	47·0	46·4	38·4	57·9	1·5	0·5	·287	·304	90	96	W 1	W 1	10	10	·160	● noon—5*p*.
7	·40	·46	48·5	44·2	42·5	57·4	2·0	1·7	·292	·253	86	87	W 1	E 1	10	0	·540	[5.30*p*.
8	·39	·48	48·7	42·5	41·9	50·8	0·2	0·7	·340	·257	99	94	E 2	W 2	10	10	·580	● *n*. and till 3*p*. ● showers till
9	·68	·57	44·8	47·7	34·9	53·4	0·3	0·2	·291	·326	98	99	SE 1	SE 1	5	10	—	Dull from 2*p*.
10	·42	·48	46·1	44·5	43·4	53·4	0·8	1·7	·293	·255	94	87	NW 1	NW 2	5	5	—	
11	·38	·47	47·1	42·5	40·0	51·7	2·3	1·2	·270	·246	84	90	SW 4	NW 2	5	0	·010	Cloudy day. ● showers 2*p*.
12	·61	·70	45·5	44·0	41·6	52·9	3·2	2·7	·235	·230	77	79	NW 4	NW 4	5	5	—	↗ 10*a*.—4*p*.
13	·82	·62	44·2	45·5	39·3	52·8	2·1	0·0	·244	·305	84	100	NW 1	SE 4	5	10	·650	● from 3.30*p*.
14	·37	·47	48·6	44·2	41·1	57·8	0·0	0·7	·343	·275	100	95	S 1	W 2	10	10	·180	● *n*. and till 11*a*.
15	·43	·43	55·8	55·5	42·6	61·2	0·3	0·9	·437	·415	98	94	W 1	W 2	10	10	—	Dull day.
16	·40	·56	57·9	57·5	49·2	59·7	2·1	2·0	·417	·414	87	87	W 2	W 8	5	7	—	↗ (gale) from 11*a*.
17	·73	·85	51·5	47·0	47·2	57·5	4·5	0·9	·271	·310	71	94	NW 6	SE 1	0	10	—	Dull from 1*p*.
18	29·90	29·96	45·5	50·2	42·9	54·6	1·4	0·7	·272	·346	90	96	SW 1	W 1	10	7	—	Cloudy day.
19	30·03	30·10	51·9	50·3	48·0	57·7	0·4	0·7	·376	·347	98	95	W 1	W 1	5	10	·010	Cloudy day. ∞ from 3*p*.
20	30·00	29·87	49·7	55·7	47·3	55·7	2·0	0·6	·307	·426	87	96	SW 1	W 1	10	10	·020	●⁰ 8*a*.—11*a*.
21	29·72	·84	57·5	46·7	46·5	59·9	1·5	3·2	·427	·247	90	79	W 2	NW 4	10	10	·010	Dull day. ●⁰ showers from 11*a*.
22	29·82	29·94	48·8	45·7	42·8	55·9	2·3	2·2	·290	·258	84	85	W 6	W 4	7	0	—	
23	30·18	30·07	46·7	49·4	40·3	54·8	3·2	2·3	·247	·295	79	85	W 1	W 2	0	10	—	
24	29·88	29·65	52·5	51·8	48·6	54·6	1·9	0·7	·344	·366	87	95	SW 6	SW 8	10	10	·130	Dull day. ● from 5.30*p*. ↗ 9*p*.
25	·35	·26	50·8	42·5	40·6	53·7	1·2	1·4	·341	·241	91	89	SW 1	W 4	10	7	·290	● *n*. and 8*a*.—2*p*.
26	·26	·37	40·0	39·2	36·6	45·6	2·4	2·3	·200	·195	81	81	W 4	NW 6	5	5	—	
27	·59	·46	43·1	49·5	36·2	49·9	2·7	1·6	·222	·314	79	89	NW 2	W 4	5	10	—	Dull day.
28	·16	·27	51·5	43·1	42·2	57·8	1·8	2·6	·334	·224	88	80	SW 8	SW 4	10	5	—	↗ (gale) till 4*p*.
29	·24	·49	40·5	37·1	36·2	44·8	2·0	1·6	·212	·190	84	86	W 6	NW 1	0	0	—	↗ (gale) 10*a*.—3*p*.
30	·70	·86	37·0	34·0	31·9	42·7	2·5	2·5	·174	·147	79	75	NW 2	NW 2	0	5	—	Fine day.
31	29·99	29·71	33·0	38·2	28·2	40·1	2·1	1·7	·145	·197	77	86	NW 1	SW 6	7	10	—	
Mean	29·508	29·528	47·0	45·7	40·7	54·1	1·7	1·4	·290	·281	87·9	89·6	2·4	2·7	6·7	7·2	2·640	

GLASGOW.—OCTOBER 1893.

Height above Mean Sea Level, 180 feet. Heights above Ground:—Bar., 4 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 4° 18′ W. Lat. 55° 53′ N. Gravity Correction, + ·029 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·23	29·34	52·4	47·7	45·8	54·8	2·9	1·4	·319	·297	81	90	SW 2	SW 1	6	7	·363	Cloudy, with ●² showers.
2	·25	29·05	50·5	47·6	44·1	53·7	2·6	2·6	·302	·268	82	82	SW 1	SE 1	8	10	·190	Cloudy, with ●⁰ showers.
3	29·01	28·86	45·8	43·2	41·2	52·5	1·9	1·4	·266	·249	86	89	SW 1	SE 1	1	10	·143	●² showers.
4	28·79	28·83	43·7	39·2	39·2	47·0	1·4	0·5	·254	·230	88	96	E 1	SW 1	10	0	—	
5	28·91	29·00	40·5	43·3	31·9	52·2	1·6	1·2	·219	·254	87	91	SW 1	SW 1	0	10	—	≋⁰ (mist) *a*. < *p*.
6	29·10	·29	48·9	45·8	42·2	53·5	1·7	1·0	·304	·286	88	93	SW 1	S 1	8	5	·058	Cloudy day. ●⁰ showers.
7	·38	·42	44·8	46·0	44·2	52·5	0·7	2·0	·280	·265	95	86	Calm 0	E 1	2	6	·480	≋⁰ (mist) *a*.
8	·36	·54	46·7	42·1	42·1	48·6	1·5	0·6	·284	·255	89	95	N 1	W 1	10	3	·058	Overcast, with ●² *a*.
9	·62	·51	44·3	47·8	38·8	53·0	1·6	2·1	·256	·281	88	85	E 1	E 1	9	10	·020	Day dull and overcast.
10	·46	·48	46·1	44·9	40·3	52·4	2·8	1·9	·249	·254	80	86	W 2	SW 1	0	3	—	Fine day.
11	·39	·54	48·0	44·7	40·9	53·4	2·2	2·5	·281	·240	85	82	SW 1	W 3	8	2	·010	Cloudy day. ●⁰ shower in evening. ⌒
12	·68	·77	47·0	43·7	42·6	52·1	3·4	1·5	·245	·251	77	88	W 2	SW 2	2	2	·137	Fine day. ●² showers in evening. ⌒
13	·84	·55	43·9	49·6	40·2	51·3	1·9	0·4	·245	·346	85	97	Calm 0	S 1	6	10	·816	Fine *a*. Overcast, with ●² *p*.
14	·38	·48	56·7	55·4	49·3	58·3	0·8	0·2	·436	·433	95	98	W 2	W 1	10	10	·468	●² *a*. and *p*. Overcast.
15	·44	·46	57·7	55·6	55·4	59·7	0·8	0·6	·453	·425	95	96	SW 2	SW 1	10	10	·040	●² *a*. and *p*. Overcast.
16	·47	·65	55·2	51·8	51·4	58·2	2·0	2·1	·379	·331	87	86	W 3	SW 3	10	10	—	Cloudy, with squally ↗ (gale)●
17	·77	29·84	51·4	44·6	44·6	55·5	3·5	0·8	·293	·276	77	94	SW 1	W 1	6	0	—	Fine day.
18	29·92	30·00	45·9	49·8	38·2	53·3	1·1	1·3	·285	·325	93	91	SW 1	W 2	9	10	—	≋⁰ (mist) *a*. Cloudy *p*.
19	30·07	30·11	52·1	51·3	49·3	55·0	2·4	2·0	·327	·327	83	86	SW 1	S 1	10	10	—	Dull and overcast.
20	29·98	29·86	51·6	57·7	49·5	58·1	3·3	2·3	·299	·409	78	85	S 1	W 1	10	9	—	Dull and overcast.
21	·75	·88	57·7	46·1	46·0	59·6	1·6	2·8	·428	·249	90	80	SW 2	W 2	10	0	·050	Overcast *a*. ●⁰ shower *p*. Fine evening.
22	29·87	29·99	50·5	48·2	44·4	53·8	3·2	3·1	·288	·263	79	79	SW 3	SW 1	6	3	—	Fine day.
23	30·20	30·11	47·9	50·8	46·0	54·1	3·6	3·9	·251	·276	76	74	SW 1	SW 2	5	10	—	Fine *a*. Dull and overcast *p*.
24	29·93	29·67	51·1	52·1	49·9	53·0	1·1	1·1	·347	·360	92	92	SW 1	SW 2	10	10	·735	Dull and overcast. ●² *p*.
25	·37	·29	49·1	40·0	40·0	52·9	1·0	1·3	·324	·220	93	90	SW 1	SW 3	10	10	·850	Overcast, with ●².
26	·35	·43	40·6	41·1	35·7	43·5	2·8	2·4	·198	·209	78	81	NW 2	W 2	3	3	·050	●² showers *a*. Fine *p*.
27	·64	·54	44·9	49·3	39·3	50·7	2·5	1·3	·242	·318	82	91	W 1	W 2	10	10	·092	
28	·25	·33	51·0	43·7	43·7	53·3	0·9	3·3	·351	·216	94	75	SW 3	SW 2	10	2	·200	Overcast, with ●⁰ showers.
29	·29	·54	41·0	35·6	35·6	45·3	2·2	1·1	·211	·189	83	90	SW 2	W 1	10	0	·015	●⁰▲⁰ showers.
30	29·74	·89	34·0	34·5	31·0	43·3	2·2	2·6	·152	·150	78	75	W 1	N 1	0	1	—	⌊. Fine and clear.
31	30·00	29·73	33·6	39·7	28·7	40·0	2·0	3·8	·152	·173	79	71	W 1	SW 2	9	10	·326	⌊
Mean	29·530	29·547	47·6	46·2	42·3	52·4	2·0	1·8	·288	·278	85·3	86·9	1·4	1·5	7·0	6·3	5·101	

WOLFELEE.—OCTOBER 1893.

Height above Mean Sea Level, 587 feet. Heights above Ground:—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 6 ins.
Long. 2° 39′ W. Lat. 55° 23′ N. Gravity Correction, + ·025 in.

1	28·85	28·93	44·0	48·0	43·0	57·5	3·0	2·0	·224	·285	77	86	W 4	W 0·5	5	4	·030	Blowy *a*. Fine day.
2	·85	·67	49·5	46·0	39·0	57·0	0·5	1·0	·341	·287	96	93	W 0·5	W 4	3	2	·100	Fine day.
3	·60	·48	47·5	38·0	36·0	54·5	1·5	0·0	·291	·228	89	100	NW 2	NW 0·5	0	0	·030	Fine day.
4	·36	·42	42·0	38·0	37·0	48·0	0·5	1·0	·256	·208	96	91	NE 0·5	N 0·5	0	5	·050	Fine day.
5	·49	·58	42·0	42·0	30·0	53·0	1·0	2·0	·245	·225	92	85	SW 0·5	SW 0·5	5	8	·030	Fine and clear *a*. ● showers *p*.
6	·68	·88	46·0	37·0	34·0	46·5	1·5	1·0	·276	·200	90	91	SW 2	SW 0·5	0	2	—	Fine and clear.
7	·95	28·98	38·5	46·0	34·0	57·0	0·5	1·0	·223	·287	96	93	SW 0·5	SW 0·5	0	7	·680	≋⁰ (mist) *a*. Fine day.
8	28·87	29·08	50·0	40·0	32·0	53·0	1·0	1·0	·334	·226	93	92	WNW 0·5	SW 4	10	0	·010	●² *n*. Dull *a*. Fine and clear *p*.
9	29·19	·08	38·5	39·0	38·0	55·0	1·5	1·0	·203	·218	87	92	SW 0·5	SW 0·5	8	0	—	Fine day.
10	29·02	·08	41·0	42·5	39·0	55·0	1·0	1·0	·235	·250	92	92	SW 3	SW 1	0	5	—	Fine and clear.
11	28·99	·13	43·0	42·5	41·0	53·0	1·0	2·0	·255	·230	92	85	WSW 4	SW 0·5	0	0	—	Blowy *a*. Fine and clear.
12	29·25	·33	46·0	43·0	37·0	53·0	3·5	2·0	·235	·234	76	84	NW 3	W 2	0	5	·010	Fine and bright.
13	29·40	·12	45·0	49·0	43·0	55·0	2·0	3·0	·253	·276	85	79	W 0·5	W 3	2	8	·070	Fine *a*. ● showers *p*.
14	28·97	·06	57·5	57·0	48·0	61·8	1·5	1·0	·427	·434	90	93	W 5	SW 4	10	4	·090	● showers *a*.
15	29·04	·05	60·0	58·0	52·0	61·5	2·0	2·0	·453	·421	88	87	SW 4	SW 4	8	5	·180	● showers *a*.
16	·03	·20	57·0	51·0	49·0	61·0	2·0	3·0	·405	·299	87	80	W 5	NW 2	5	0	—	Blowy *a*. Fine and clear.
17	·31	·36	49·5	47·5	35·0	59·0	2·0	1·5	·304	·291	87	89	NW 0·5	W 0·5	2	2	—	Fine and clear.
18	·49	·56	47·5	48·0	41·0	58·0	1·5	1·0	·291	·309	89	93	W 0·5	W 0·5	5	2	—	Fine day.
19	·61	·66	52·0	47·5	45·0	55·0	2·5	1·0	·323	·304	83	93	W 0·5	SW 2	5	3	—	Fine day.
20	·56	·46	50·0	55·0	45·5	55·5	2·5	1·0	·298	·403	83	93	SW 4	SW 9	10	8	·020	Dull *a*. Blowy *p*.
21	·36	·44	56·5	47·5	46·0	57·5	1·0	2·0	·427	·281	94	86	SW 8	SW 4	10	5	·070	↗ (gale) during day.
22	·47	·52	47·5	46·0	38·0	52·0	3·0	1·0	·259	·287	80	93	SW 6	W 0·5	10	0	—	Blowy *a*. Fine and clear.
23	·75	·67	47·0	47·5	41·0	55·5	3·0	1·5	·253	·291	79	89	NW 0·5	SW 0·5	2	5	—	↗ *n*. Fine and clear.
24	29·52	29·26	52·0	51·0	47·0	54·0	2·0	1·0	·335	·348	86	93	SW 3	SW 4	8	10	·550	Fine and blowy *a*. ●⁰ *p*.
25	28·92	28·84	53·5	42·0	41·0	54·0	0·5	1·5	·395	·235	96	89	SW 10	SW 4	10	5	·800	● ↗ (gale) *a*. ● showers *p*.
26	28·89	28·99	37·0	37·0	35·0	45·5	0·5	1·0	·210	·200	96	91	W 5	SW 2	5	5	·050	Blowy with ● showers *a*. Fine *p*.
27	29·19	29·08	43·5	49·0	35·5	50·0	2·5	1·0	·229	·322	80	93	NW 4	SW 3	2	7	—	Fine and clear.
28	28·87	28·93	51·5	39·5	39·0	55·0	1·5	1·0	·341	·222	89	92	SW 8	SW 2	9	5	·090	Dull and blowy *a*. ● showers. Fine *p*.
29	28·89	29·09	39·5	33·0	31·0	45·0	0·5	0·5	·232	·177	96	94	W 4	SW 0·5	7	1	·010	● showers *a*. Fine and clear *p*.
30	29·26	·41	31·5	26·0	26·0	44·8	1·5	1·0	·142	·107	80	76	W 0·5	SW 0·5	0	0	—	Fine, frosty, and clear.
31	29·49	29·46	29·5	30·5	20·5	42·5	2·0	1·0	·112	·145	69	85	SE 0·5	W 6	0	5	·090	Fine and frosty.
Mean	29·100	29·122	46·3	44·0	38·6	53·7	1·6	1·3	·284	·265	87·5	89·4	2·9	2·2	4·7	3·8	2·700	

SCARBOROUGH.—OCTOBER 1893.

Height above Mean Sea Level, 159 feet. Heights above Ground:—Bar., 1 foot. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 23′ W. Lat. 54° 17′ N. Gravity Correction, + ·025 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·37	29·40	52·5	48·3	44·5	59·4	2·1	0·9	·339	·316	85	94	W 1	W 1	0	0	—	Brilliant.
2	·37	29·13	49·1	49·6	43·4	58·7	0·8	1·3	·329	·322	94	91	W 1	Calm 0	2	10	·060	Cloudy, with ● 0 all day.
3	29·07	28·97	48·1	46·3	43·0	56·8	2·7	2·1	·272	·265	81	85	SW 2	W 1	4	0	—	Brilliant most of day. ≋0 (mist) 5p.
4	28·86	28·89	47·9	43·4	38·4	53·1	1·3	1·8	·302	·242	91	86	W 2	SW 2	8	4	—	Threatening appearance all day.
5	28·94	29·07	46·6	46·3	41·0	49·3	0·6	1·6	·304	·277	96	89	NW 1	Calm 0	6	10	—	≋0 (mist) all afternoon.
6	29·18	·38	43·8	48·5	37·2	51·3	0·6	2·2	·272	·287	95	84	W 1	Calm 0	0	10	—	Fine a. ≋0 (mist) all afternoon.
7	·39	·37	51·0	50·6	41·8	53·7	1·2	0·2	·343	·364	92	98	SW 1	NW 3	8	8	·340	Dull a., then ●.
8	·42	·00	52·3	54·3	42·2	57·6	1·6	2·6	·349	·349	89	82	SE 2	SE 1	4	3	—	Gusty at times.
9	·67	·42	58·6	55·6	46·1	59·3	1·3	0·8	·453	·418	92	95	SE 1	S 2	10	10	·020	Dull all day. ● showers.
10	·48	·57	50·0	51·2	42·3	56·5	0·3	1·5	·353	·338	98	90	WNW 1	Calm 0	6	10	·290	Cloudy, then ●.
11	·52	·62	50·4	47·6	42·4	56·5	2·0	1·3	·316	·298	86	91	W 2	W 1	4	0	—	Brilliant.
12	·72	·84	46·4	46·8	38·6	55·3	2·1	1·9	·266	·276	85	86	W 2	W 2	1	0	—	Brilliant.
13	·60	·76	47·2	49·4	40·0	55·6	1·8	0·7	·283	·335	88	95	NW 1	SW 2	0	10	·170	Brilliant a. ● p.
14	·49	·56	55·3	57·4	42·4	61·6	0·2	0·1	·431	·469	98	99	W 2	SW 2	10	10	·110	● 0 most of day. ● n.
15	·57	·59	59·3	56·2	55·3	62·0	0·9	0·8	·475	·428	94	95	SW 1	SW 1	10	10	·070	Dull all day. ● n.
16	·58	·70	59·4	55·3	55·3	62·4	0·7	0·9	·483	·410	96	94	W 2	SW 2	10	0	—	Dull, then brilliant and much warmer.
17	·78	29·83	54·3	49·8	41·8	58·7	1·7	1·0	·373	·331	88	93	NW 2	SW 2	8	10	—	Overcast all day. ≋ n.
18	29·96	30·02	48·4	47·5	40·1	55·2	1·1	1·3	·312	·297	92	90	NW 2	NW 3	0	4	—	Brilliant, then ≋.
19	30·10	30·16	49·6	52·6	43·8	60·1	1·4	1·4	·319	·358	90	90	SW 1	SW 2	8	6	—	Brilliant midday. ≋0 (mist) n.
20	30·13	29·96	50·1	53·5	46·4	56·8	1·6	1·8	·321	·360	89	88	SW 1	SW 3	6	10	·010	Dull, with ● 0 at times.
21	29·91	29·88	57·1	52·4	52·3	65·2	2·1	0·8	·403	·371	86	94	W 2	NW 3	4	6	—	⊔
22	30·01	30·02	47·2	48·2	40·6	56·6	0·4	1·1	·316	·309	98	93	NW 1	NW 2	0	0	—	Brilliant all day. ⊔
23	·20	30·18	49·3	49·6	42·4	52·3	2·7	2·9	·285	·284	81	80	NNW 2	NW 2	0	4	—	Brilliant all day.
24	30·07	29·89	49·8	51·4	43·7	55·8	2·3	2·0	·299	·327	84	86	NW 3	NW 2	10	6	—	Dull at times.
25	29·63	·44	52·6	52·4	46·1	58·2	2·5	0·8	·339	·371	83	94	W 4	W 4	8	3	·150	Squally.
26	·39	·43	44·6	42·7	38·2	52·4	2·2	1·4	·244	·244	83	88	NW 6	NW 2	4	2	·020	Dull all day.
27	·64	·62	46·0	48·6	41·6	52·0	3·4	1·4	·236	·307	77	90	NW 2	NW 3	0	0	—	Brilliant.
28	·47	·49	52·1	47·2	40·0	54·6	1·7	0·9	·344	·303	88	94	W 1	W 2	10	10	·090	Dull, then ●.
29	·41	·55	48·7	39·6	36·2	50·1	3·3	3·1	·265	·184	77	76	NNW 3	NNW 2	6	0	—	Brilliant all day.
30	·69	·82	45·4	37·4	34·2	45·7	1·2	0·4	·275	·215	91	96	N 2	N 2	0	10	·220	Bright a. ✳ ▲ p.
31	29·91	29·83	38·0	35·6	30·1	42·8	0·4	1·4	·221	·181	96	87	N 1	N 2	6	10	·230	✳ ●
Mean	29·607	29·613	50·0	48·9	41·3	55·7	1·6	1·4	·326	·317	89·1	90·1	1·8	1·8	4·9	5·7	1·780	

CRONKBOURNE (DOUGLAS) ISLE OF MAN.—OCTOBER 1893.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29′ W. Lat. 54° 10′ N. Gravity Correction, + ·024 in.

1	29·37	29·44	54·2	47·2	43·3	57·8	2·6	1·0	·348	·300	83	93	WSW 2	N 1	2	3	·047	Very, fine. ● showers n.
2	·32	29·13	53·6	47·3	40·4	56·8	2·6	0·8	·339	·307	82	95	WSW 2	WNW 1	3	7	·128	Fine day. ● showers 10a. and n. T
3	29·10	28·96	49·3	46·0	39·0	54·2	3·0	3·0	·280	·244	79	79	W 4	W 3	3	10	·272	< ●2 ▲2 showers p.
4	28·84	28·90	49·2	41·0	39·8	50·8	3·0	0·3	·278	·250	79	98	WNW 4	NW 1	6	4	·492	< ●2 ▲ showers a. ●2 showers p.
5	28·99	29·07	52·6	40·0	40·0	55·8	3·0	0·7	·318	·232	80	94	W 3	N 1	7	1	—	Very fine. ⊏ p.
6	29·21	·38	52·0	41·4	36·3	55·7	2·5	0·5	·323	·251	83	96	WNW 3	N 1	1	1	·027	⊔ a. Very fine. ● showers n. ⊏
7	·41	·39	49·7	52·0	36·2	56·5	0·7	2·0	·338	·335	95	86	NNW 1	SE 3	8	10	·883	⊔ ● showers a. ●2 at night.
8	·43	·62	50·7	39·0	39·0	55·4	2·3	0·7	·312	·224	85	94	NW 4	Calm 0	9	1	—	Fine day. ⊏ p.
9	·62	·54	52·9	50·0	36·3	57·4	2·1	0·6	·344	·345	87	96	SE 4	NW 4	8	10	·090	Cloudy day. ●2 at night.
10	·59	·60	48·0	46·0	40·0	52·4	1·8	1·2	·290	·283	87	92	WNW 2	NNW 2	10	10	·088	Dull day. ●2 at night.
11	·56	·69	51·3	47·2	38·0	54·9	4·3	2·3	·273	·271	72	84	W 4–5	NW 4	3	2	—	⊔ a. Fine day.
12	·86	·89	50·0	50·0	44·5	53·3a	3·8	3·8	·269	·269	75	75	WNW 4–5	W 3	2	10	—	⊏ a. Fine day.
13	·94	·69	51·0	54·0	43·9	54·6	2·0	0·2	·323	·412	80	99	WSW 2	SW 7	9	10	·604	Overcast. ● from 3p. Squally ✓ ●2.
14	·55	·62	00·7	60·2	51·0	62·8	1·4	0·4	·484	·508	92	98	W 6–7	WSW 3	9	10	·690	Squally ✓ a. Dull day. ●2 n.
15	·60	·60	59·0	58·0	57·0	60·8	0·8	0·2	·474	·476	95	99	SW 3	SW 4	10	10	·318	● a. and p. Overcast.
16	·63	·81	59·2	53·8	52·0	59·7	2·2	2·0	·433	·359	87	87	W 4–5	W 4	10	1	—	Fine day.
17	29·87	29·89	52·5	51·0	46·4	57·8	2·3	2·8	·333	·304	84	81	NW 2	N 1	10	4	·004	⊏ a. Fine day.
18	30·01	30·11	52·0	50·8	42·0	55·0	2·1	1·8	·333	·325	85	87	WNW 2	WNW 1	10	6	—	Cloudy day. ⊏ p.
19	·18	·19	53·3	50·0	49·2	54·5	3·3	1·5	·318	·322	78	90	W 2	WSW 1	10	10	—	Overcast.
20	30·09	30·02	55·8	57·2	45·8	57·2	1·5	0·4	·402	·456	90	98	SSW 3	SSW 5–6	10	10	—	Overcast. Squally ✓ p.
21	29·93	29·99	57·4	51·0	50·1	58·8	0·4	1·1	·438	·346	97	92	SW 5	NW 6	10	10	·121	Overcast, with squally ✓. ● from
22	30·07	30·13	51·2	51·0	36·0	54·4	3·0	3·0	·302	·299	80	80	W 2	NW 3	2	7	—	Very fine. [7p.
23	·30	30·24	51·0	51·0	47·5	54·2	2·0	3·2	·323	·294	86	79	WNW 3	W 4	10	10	—	Overcast.
24	30·11	29·89	53·6	54·2	49·3	55·2	2·7	2·2	·338	·358	81	85	W 4	SW 5–6	9	10	·020	Dull day. ● 0 showers. Squally ✓ p.
25	29·58	·51	56·3	48·0	46·0	56·4	1·3	3·6	·415	·251	91	75	SW 6–7	WSW 5–6	10	6	·170	Overcast, with squally ✓ ●.
26	·53	·55	46·2	45·5	41·9	50·4	4·0	0·3	·227	·297	73	97	WNW 6	NW 6–7	3	6	·056	Fine a. Squally ✓. ● ▲ from 4p.
27	·77	·74	49·0	52·3	43·6	52·8	1·2	1·3	·317	·357	92	91	WNW 5	WSW 6–7	7	9	·017	Dull, with squally ✓. ● showers 8p.
28	·54	·51	53·8	48·0	46·5	54·3	1·8	3·5	·363	·253	87	76	W 5–7	W 3	10	8	·213	Squally ✓ ● a. ● showers p.
29	·52	·65	46·2	41·0	40·2	49·3	3·9	2·8	·229	·201	74	78	W 5–6	NW 4	7	7	·141	Squally ✓ ● a. Fine day. ● 9p.
30	29·79	·03	42·3	39·9	35·1	46·0	2·9	1·8	·211	·210	79	86	N 2	Calm 0	3	8	·048	● ▲ a., Very fine. ● 9p.
31	30·04	29·93	39·5	31·2	28·2	46·0	3·5	1·2	·176	·146	73	83	NNW 2	N 1	2	4	·138	Very fine. ⊔ p.
Mean	29·656	29·665	51·7	48·2	42·7	54·9	2·4	1·6	·328	·306	83·8	88·5	3·5	3·1	6·9	6·9	4·569	

STONYHURST.—OCTOBER 1893.

Height above Mean Sea Level, 375 feet. Heights above Ground:—Bar., −12 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 2° 28′ W. Lat. 53° 51′ N. Gravity Correction, + ·023 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·15	29·25	50·7	45·5	45·5	57·2	1·0	0·5	·345	·293	93	96	SWbyS 1	Calm 0	8	0	—	Cloudy a. Fine and clear p. < p.
2	29·15	28·93	49·5	47·5	43·3	56·1	1·5	1·2	·315	·299	89	91	Calm 0	Calm 0	9	4	·288	● showers a. Distant T 2p.
3	28·90	·79	47·0	41·7	41·7	51·2	2·0	1·7	·275	·228	86	87	SWbyS 1	SWbyS 1	10	10	1·420	● showers. ⊼ ● 9p.—10p.
4	·63	·69	44·3	42·5	41·0	50·6	0·7	1·0	·275	·250	95	92	WbyS 3	WSW 1	10	10	·600	● showers. ⊼ p.
5	28·77	28·88	50·3	44·3	41·6	54·6	2·1	0·8	·311	·273	85	94	WSW 1	Calm 0	7	6	·085	Fine a. < ▲
6	29·00	29·17	46·0	45·1	35·7	53·7	1·0	0·9	·287	·279	93	93	Calm 0	Calm 0	8	0	·658	≋0 (mist) a. ⊼ ▲ ●
7	·17	·15	47·3	49·0	41·7	53·0	0·9	0·2	·304	·343	94	99	NEbyN 1	ENE 1	10	10	·370	Overcast. ● p.
8	·17	·42	49·9	44·0	43·7	54·7	1·1	0·4	·331	·279	93	97	W 2	Calm 0	7	0	·005	Overcast, then fine.
9	·43	·30	49·0	49·4	38·5	55·5	1·6	0·8	·308	·333	89	94	SEbyE 1	NEbyN 1	4	2	·017	≋0 (mist) a. Fine a.
10	·35	·41	49·1	46·1	42·5	51·5	2·4	1·1	·290	·286	83	92	SSW 1	Calm 0	8	10	·220	● p.
11	·34	·42	49·7	45·6	44·5	51·6	1·2	0·6	·326	·292	92	96	SW 1	SW 1	7	8	·068	
12	·59	·69	49·0	46·8	41·2	51·7	3·6	2·5	·263	·202	75	82	WbyS 1	SWbyW 1	9	10	·020	Fine a.
13	·72	·55	48·0	47·5	43·4	51·6	1·0	1·5	·309	·291	93	89	SWbyS 1	SbyE 3	8	10	·610	Overcast. ● 0.
14	·32	·40	57·0	57·0	47·2	59·5	0·1	0·0	·462	·465	99	100	SW 5	SWbyW 2	10	10	1·180	≋0 (mist) a. Overcast, with ●.
15	·41	·41	56·6	56·8	55·5	60·0	0·2	0·3	·452	·453	99	98	SWbyS 3	SWbyS 2	10	10	·800	● showers.
16	·42	·55	56·4	54·7	52·7	58·5	0·4	1·2	·443	·394	97	93	SW 4	WSW 4	10	9	·005	Squally a. ● showers.
17	·63	·64	51·0	46·0	44·2	54·7	1·8	1·0	·328	·287	87	93	SW 1	Calm 0	10	0	—	Fine day.
18	·77	·88	44·0	48·5	40·4	52·3	1·0	1·1	·265	·313	92	92	NNE 1	W 1	9	9	—	
19	·93	·97	51·7	49·9	46·8	54·5	1·2	1·1	·352	·331	92	93	WbyN 1	W 1	10	10	—	Overcast.
20	·91	·86	49·5	51·4	48·0	56·2	2·3	1·1	·297	·351	84	92	SSW 1	Calm 0	10	10	—	≋0 (mist) 9a. Overcast.
21	·76	·71	54·8	56·0	49·9	60·2	2·0	0·4	·373	·437	88	97	SWbyS 1	WbyS 3	10	10	·100	Overcast. ● showers.
22	29·85	29·86	45·0	48·6	39·1	50·3	1·2	1·6	·271	·302	91	89	Calm 0	WbyS 1	0	5	—	
23	30·04	30·02	48·2	48·3	44·2	54·0	2·4	2·0	·279	·289	84	86	Calm 0	W 1	8	10	—	
24	29·90	29·72	49·4	50·0	47·4	53·5	1·4	1·8	·317	·314	90	87	WbyS 1	WSW 2	10	10	·003	
25	·44	·29	52·5	46·6	46·2	55·3	2·7	3·9	·324	·231	82	73	WSW 4	WNW 4	10	5	·498	Squally ✓ ●.
26	·27	·30	46·0	42·0	40·5	47·5	4·5	2·5	·216	·216	70	82	WNW 6	WNW 2	7	2	·070	▲ ⌒ a. and p.
27	·51	·50	47·0	49·0	41·2	49·0	3·5	0·6	·243	·332	76	96	NWb.W 2	WbyS 4	7	10	·325	Squally ✓ ● p.
28	·33	·24	50·3	48·8	47·7	54·6	0·9	1·8	·342	·300	94	87	WSW 5	WbyS 2	10	10	·280	Squally ✓ a. ● showers p.
29	·25	·37	46·6	39·0	39·0	48·8	3·3	2·5	·244	·190	78	81	WbyS 4	WNW 2	10	0	·083	Overcast, with ● showers a. ▲ 1p.
30	·52	·65	35·8	33·8	30·9	42·5	1·8	2·8	·177	·140	84	72	NEbyN 1	Calm 0	0	0	—	Fine day.
31	29·77	29·72	32·6	30·7	29·2	40·2	2·3	2·5	·138	·114	74	66	SE 1	NWb.N 1	0	0	·228	Fine day.
Mean	29·432	29·442	48·5	46·8	43·0	53·2	1·7	1·3	·305	·296	87·8	89·6	1·8	1·3	7·9	6·6	7·933	

HILLINGTON.—OCTOBER 1893.

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

1	29·50	29·55	50·0	48·2	39·2	66·1	1·2	0·5	·329	·324	92	97	SW 0·5	S 0·5	0	2	·003	⊏2 a. Very fine and sunny. [cir.
2	·51	·28	50·1	49·7	42·9	62·4	0·8	2·1	·340	·303	94	86	S 0·5	SW 1	4	10	·053	⊏2 a. Very fine and sunny. Much
3	·21	·15	48·0	41·8	41·8	57·5	2·3	1·1	·279	·241	84	92	W 4	W 0·5	2	0	·030	●0 early a. Very fine and sunny. <
4	·03	·05	48·6	44·1	38·2	58·6	2·0	1·4	·293	·257	86	89	SW 3	SW 2	6	0	·204	⊔ a. ●2 showers p. < 7p.
5	·15	·23	48·5	45·2	40·2	60·6	2·1	0·6	·289	·287	85	96	SW 1	SW 0·5	9	0	·185	●0 a. Very fine and sunny. ⊼ 6p.
6	·34	·51	49·5	48·7	44·1	59·4	0·8	1·2	·333	·313	94	92	W 2	SW 0·5	7	10	·030	●2 6a.—7a. Fine and sunny.
7	·48	·37	52·0	53·3	44·1	63·3	1·3	1·5	·353	·365	91	90	S 1	S 0·5	1	9	·030	●2 shower early a. ●0 3p.
8	·57	·74	49·7	43·8	43·8	60·4	1·8	0·2	·309	·281	88	99	SW 2	SW 0·5	9	0	·008	Very fine and sunny. ⊏2 p.
9	·68	·50	53·1	55·0	40·0	61·4	0·9	0·3	·378	·424	93	98	SE 1	NE 0·5	10	10	·630	⊏2 a. Very dark 5p. ●2 10p.
10	·65	·81	50·9	48·0	47·8	56·4	1·2	1·8	·342	·290	92	87	SW 3	SW 0·5	10	3	·072	Much cir. ● ⊏ p.
11	·64	29·74	59·0	48·5	47·6	59·4	2·3	0·8	·427	·321	86	94	SW 5	NW 1	10	10	·020	●0 9a. and 3p. Overcast. [sunset.
12	29·89	30·04	48·9	44·1	42·0	55·5	2·1	1·9	·294	·246	86	85	NW 3	NW 0·5	6	2	—	Very fine and sunny. Cir. p. Fine
13	30·05	29·97	45·1	49·0	41·9	57·6	1·6	3·3	·263	·269	88	77	NW 2	SW 2	5	10	·170	Very fine and sunny. Much cir. all day.
14	29·66	·73	57·2	61·0	48·0	63·5	0·5	1·4	·453	·487	97	92	SSW 2	SW 3	10	10	·090	●0 till 9a. Overcast, warm, and damp.
15	·75	·79	60·1	59·2	58·2	64·4	2·4	2·5	·441	·424	85	85	SW 5	SW 5	7	10	—	
16	·79	·87	57·9	55·0	54·9	66·3	2·1	2·4	·416	·365	87	85	SW 3	WSW 1	10	10	—	Much cir. p.
17	29·92	29·91	54·4	51·8	51·1	57·4	1·7	1·2	·374	·355	89	91	W 2	W 0·5	10	10	·008	Overcast all day. ●0 p.
18	30·04	30·18	51·4	43·5	38·7	56·3	3·6	0·8	·289	·265	77	94	NE 2	NE 0·5	5	10	—	Very fine and sunny. ⊏ Ψ p.
19	·25	·26	47·9	51·0	42·9	55·7	1·2	1·5	·304	·335	92	90	WNW 1	W 0·5	7	10	—	Cloudy all day.
20	·28	·18	51·0	53·9	48·0	59·0	1·6	2·5	·333	·346	89	84	SW 0·5	SW 2	3	9	—	Very fine and sunny. Much cir.
21	·11	·05	54·9	56·2	51·4	63·5	2·4	4·6	·364	·325	85	72	SW 3	SW 1	9	10	·270	Very fine and sunny. Ψ
22	·10	·16	50·1	41·9	39·0	57·4	0·3	0·8	·355	·248	98	94	SE 0·5	N 0·5	10	0	·015	Overcast, with ●0 a. Fine p. ⊏2 p.
23	·29	·33	47·8	36·8	34·1	56·5	1·8	0·1	·288	·217	87	99	NW 1	N 0·5	0	5	—	⊔ a. Very fine and sunny. ⊏2 p.
24	30·25	30·11	46·2	48·1	36·7	53·0	1·6	2·3	·275	·280	89	84	SW 2	SW 3	10	10	—	Overcast all day.
25	29·90	29·64	50·0	52·0	46·0	55·4	3·5	1·1	·275	·358	77	92	SW 5	SW 2	10	10	·060	Overcast a. ✓ a. and p.
26	·64	·55	47·8	40·0	39·8	53·6	3·5	1·2	·251	·222	76	90	WNW 5	NW 3	6	0	·058	Fine and sunny. ✓ (gale) noon.
27	·80	·89	43·5	45·8	35·8	52·4	2·2	2·4	·235	·253	82	81	NW 2	NW 2	2	6	—	Fine and sunny.
28	·75	·58	49·5	53·5	41·9	55·5	1·2	2·5	·323	·342	91	85	SW 3	NW 4	10	10	·030	Overcast all day.
29	·61	·64	46·9	41·0	41·0	54·6	3·2	1·7	·248	·221	79	86	W 4	NW 1	1	0	—	Fine and sunny.
30	·75	29·88	35·1	34·0	28·1	48·4	0·5	1·4	·194	·168	95	85	NW 0·5	NW 0·5	0	0	—	⊔. Very fine and sunny.
31	29·97	30·03	37·2	32·0	32·0	44·6	1·4	0·3	·194	·174	87	96	NW 3	W 0·5	5	0	—	⊔ a. Very fine and sunny.
Mean	29·760	29·764	49·8	47·6	42·6	57·9	1·8	1·5	·317	·299	87·8	89·2	2·3	1·3	6·3	6·0	1·966	

CHURCHSTOKE.—OCTOBER 1893.

Height above Mean Sea Level, 538 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5′ W. Lat. 52° 31′ N. Gravity Correction, +·018 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·00	29·09	55·4	45·8	40·5	59·9	2·9	4·9	·357	·206	82	67	SSW 2	W 1	4	0	—	Fine and bright.
2	28·99	28·78	50·7	45·2	38·5	59·9	1·9	1·3	·322	·271	88	90	WSW 2	SW 2	8	10	·070	⊔. Bright and cool.
3	·74	·63	51·9	44·6	35·9	55·7	5·0	1·7	·265	·256	69	87	SW 2	SW 1	8	0	·300	◠
4	·52	·56	45·9	43·3	40·8	51·9	1·0	0·4	·286	·271	94	97	SW 2	WSW 1	8	8	·520	● 2 in past n.
5	·64	·70	51·7	42·6	41·0	57·0	3·7	1·3	·290	·244	76	89	SW 2	SE 2	5	10	·005	◠. Clear p.
6	·86	·99	51·9	47·1	40·0	59·3	3·9	1·2	·288	·295	75	91	W 2	W 1	1	10	·160	● p.
7	28·97	28·91	49·1	49·9	45·5	59·6	0·6	0·9	·333	·335	96	94	SW 1	SE 1	10	10	·124	● showers.
8	29·08	29·22	52·9	39·2	39·0	58·9	3·1	0·3	·319	·233	80	97	W 2	W 1	2	0	—	Fine, clear, breezy, and bright.
9	·19	·10	38·2	49·1	32·8	55·6	0·3	0·1	·225	·346	98	99	Calm 0	Calm 0	10	10	·055	≋ all day. ● p.
10	·20	·12	48·9	46·6	40·0	54·3	3·2	0·7	·270	·301	79	95	WNW 2	ESE 2	4	10	·595	Bright and cool. Steady ● in evening.
11	·23	·29	48·3	41·8	39·1	55·6	2·4	0·9	·280	·245	83	93	W 2	NW 1	8	4	—	Cloudy and cool.
12	·47	·58	47·7	42·3	37·0	55·9	3·0	1·4	·261	·239	80	89	W 2	W 1	6	5	—	Fine and bright, with cold wind.
13	·58	·40	45·8	51·1	36·5	56·3	1·8	2·1	·267	·321	87	85	WSW 1	SW 3	9	10	751	Cloudy and cold. ● 2 at night.
14	·22	·31	60·2	58·8	51·0	63·1	1·3	0·9	·479	·467	92	95	W 3	W 2	9	10	·120	Breezy. ● in evening.
15	·32	·29	60·2	58·8	58·0	63·9	1·9	2·0	·459	·433	89	88	SW 2	WSW 3	10	4	·005	Squally, mild, and cloudy.
16	·32	·46	59·0	54·9	53·0	64·3	2·2	2·3	·430	·366	87	85	WSW 2	W 2	9	6	·054	
17	·47	·41	53·3	50·3	49·5	55·3	0·5	1·3	·393	·330	97	91	SW 1	SSE 1	10	10	·650	Steady ● all day.
18	·60	·73	47·9	42·0	42·0	55·3	1·0	0·7	·308	·258	93	94	NW 1	Calm 0	8	2	—	Cold and damp.
19	·78	·79	47·9	42·2	35·0	57·1	1·8	0·9	·289	·249	88	92	SE 1	NW 1	6	0	—	⊔. Fine and bright.
20	·75	·70	54·0	54·9	39·0	59·3	4·0	2·2	·312	·369	74	86	SW 1	S 1	10	9	·004	Cloudy, dull, and mild.
21	·61	·57	56·9	56·1	49·4	69·1	2·9	3·1	·379	·362	82	80	SW 1	W 2	9	9	·112	● showers.
22	·65	·73	48·3	41·0	39·6	57·1	0·8	0·4	·318	·248	95	97	Calm 0	N 1	10	5	·002	Overcast day. ⊔
23	·87	·87	45·0	45·8	39·7	51·9	0·9	1·7	·278	·269	93	88	W 1	Calm 0	8	9	—	Dull and cool.
24	·76	·62	51·1	50·9	42·5	54·9	2·9	2·4	·302	·311	80	85	W 1	SW 3	10	10	—	≋0 (mist).
25	·34	·21	52·8	45·8	45·5	57·3	2·8	1·1	·325	·281	81	93	W 4	WSW 1	5	10	·084	Breezy and fresh. ● 4.30p.—6p.
26	·22	·18	46·6	40·6	39·0	51·1	4·0	0·7	·230	·238	73	94	W 3	W 1	3	0	—	Breezy and cool. ◠ 3p.
27	·39	·42	45·3	49·7	33·1	52·1	2·7	2·8	·242	·288	80	81	W 2	SW 2	1	10	·030	⊔. Day cool.
28	·27	·10	51·9	52·9	49·4	55·9	2·7	1·1	·317	·370	82	93	W 2	WSW 2	8	10	—	
29	·15	·25	48·7	36·9	36·0	53·1	4·2	1·0	·247	·199	72	92	W 1	NW 1	3	8	·060	Bright and fresh. ◠ p.
30	·33	·48	40·8	29·9	28·0	47·0	2·1	1·0	·213	·139	84	84	WNW 2	NW 1	5	0	—	⊔. Bright and sharp.
31	29·55	29·56	27·9	25·9	24·8	41·1	1·0	0·0	·122	·140	80	100	W 1	W 1	0	0	·020	⊔. Bright and very sharp.
Mean	29·293	29·291	49·6	46·0	40·7	56·4	2·3	1·4	·303	·286	84·2	90·0	1·6	1·4	6·7	6·4	3·721	

CARMARTHEN.—OCTOBER 1893.

Height above Mean Sea Level, 188 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 4° 18′ W. Lat. 51° 52′ N. Gravity Correction, +·018 in.

1	29·38	29·47	49·1	46·6	40·8	62·7	0·5	1·1	·336	·292	96	93	Calm 0	Calm 0	10	0	·380	≋ a. T noon. ● 2 showers.
2	·35	·18	52·7	44·8	40·5	60·3	0·5	1·1	·384	·271	96	92	SW 1	SW 2	4	0	·230	Frequent ● 2 showers.
3	29·17	29·03	52·5	43·9	39·7	57·1	4·1	0·6	·290	·273	73	95	SW 2	SW 1	3	4	·130	Frequent ● 2 showers. T 11a. ⊂ p.
4	28·92	28·94	51·4	45·3	41·4	56·3	4·0	0·2	·279	·298	74	99	W 4	W 1	8	2	·180	● showers.
5	29·01	29·05	50·7	46·4	42·0	57·9	2·3	0·3	·311	·308	85	98	Calm 0	SW 1	8	10	·240	● showers.
6	·25	·32	47·3	48·7	39·5	62·0	0·8	0·3	·306	·336	95	97	Calm 0	SE 1	0	10	·850	≋ before 9a. Overcast. ● p.
7	·31	·26	53·8	48·7	46·5	56·4	3·4	0·5	·324	·331	77	96	E 1	Calm 0	10	10	1·400	Frequent ● showers.
8	·49	·55	54·2	44·4	43·4	59·3	3·0	1·4	·339	·261	80	89	W 1	Calm 0	0	0	—	Fine day.
9	·51	·47	51·1	52·0	40·7	60·0	2·7	0·6	·306	·371	81	96	Calm 0	S 1	8	10	·120	Fair a. ● p.
10	·65	·48	51·7	48·7	41·4	55·5	3·3	0·3	·299	·336	78	98	Calm 0	SE 2	5	10	1·050	● 2 from 5p.
11	·65	·68	49·7	41·3	41·2	57·5	1·8	1·0	·309	·238	88	92	W 1	W 1	8	3	—	
12	·89	·99	53·7	42·9	38·4	57·7	6·3	2·1	·259	·231	62	85	W 1	Calm 0	8	8	—	Fine day.
13	·99	·80	44·6	53·7	38·8	54·2	1·3	0·3	·265	·404	90	98	E 1	SW 2	10	10	·720	Overcast. ● in afternoon.
14	·70	·72	58·8	58·4	53·5	60·0	0·1	0·1	·492	·485	99	99	W 1	SW 1	10	10	·430	Overcast, with ● all day.
15	·74	·70	58·8	57·8	56·7	60·0	0·2	0·3	·489	·469	99	98	SW 4	SW 4	10	10	·130	Overcast, with ● nearly all day.
16	·75	·86	58·8	55·7	55·5	63·0	0·4	0·5	·482	·428	97	96	SW 3	Calm 0	10	7	·110	
17	·86	29·70	55·0	55·7	53·8	57·3	0·1	0·1	·430	·441	99	99	E 1	Calm 0	10	9	·590	Overcast, with ● all day. ⊼ 7p.
18	29·97	30·12	53·7	43·0	43·4	60·8	3·3	1·0	·325	·264	78	92	Calm 0	Calm 0	1	2	·010	Fine day.
19	30·19	·15	43·2	49·0	34·5	59·3	0·5	1·3	·268	·315	96	91	Calm 0	E 1	0	0	—	≋ before 9a. Fine day.
20	·14	·09	54·7	56·7	48·2	60·5	0·8	0·3	·404	·451	95	98	S 1	S 1	10	10	—	Fine day.
21	·05	·00	58·3	56·7	56·0	63·2	1·5	0·3	·441	·451	90	98	SW 1	SW 1	10	10	·240	Fair, then ●.
22	·04	·16	55·6	46·8	41·4	57·3	4·2	0·5	·328	·307	74	96	N 3	Calm 0	6	0	—	Fine day.
23	·28	30·26	45·8	43·3	39·4	54·6	0·5	1·3	·296	·251	96	90	Calm 0	E 1	6	6	—	Fine day.
24	30·18	29·99	47·5	53·7	41·6	56·0	1·1	4·3	·302	·302	92	72	N 2	SW 4	10	10	·010	Dull day.
25	29·79	·63	55·2	48·0	47·8	56·0	3·2	2·2	·346	·281	80	85	SW 4	W 2	10	3	·170	Overcast, with ● nearly all day.
26	·69	·58	49·9	47·3	43·9	53·4	4·9	0·8	·245	·306	68	95	W 1	Calm 0	4	10	·270	Fair, then overcast with ●.
27	·79	·84	48·0	49·0	40·9	52·5	4·0	0·8	·242	·327	73	94	W 2	W 1	2	10	·010	Fair, then dull.
28	·75	·56	53·7	55·7	49·0	56·0	2·6	0·5	·342	·428	83	96	SW 3	W 4	10	10	·150	Dull, with ●.
29	·61	·64	50·2	42·4	42·2	56·2	3·7	1·9	·273	·231	76	86	W 1	W 1	6	7	·070	Dull day. ● △ at night.
30	·75	·85	40·7	36·4	35·2	50·2	2·2	0·8	·209	·199	83	93	NW 1	Calm 0	5	0	·080	△ ●0.
31	29·98	29·96	34·9	30·4	23·8	46·7	1·3	1·2	·177	·139	88	81	Calm 0	Calm 0	1	0	·030	Fine day. ●0 at night.
Mean	29·703	29·677	51·1	48·2	43·5	57·4	2·2	0·9	·326	·323	85·2	93·1	1·3	1·1	6·5	6·2	7·600	

MARGATE.—OCTOBER 1893.

Height above Mean Sea Level, 83 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 24′ E. Lat. 51° 24′ N. Gravity Correction, +·017 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·54	29·61	56·7	50·1	45·4	64·0	4·8	1·1	·329	·333	71	92	SW 1	Calm 0	2	0	·060	⊔ a. Fine day.
2	·56	·38	54·0	52·4	48·2	61·1	1·5	1·4	·374	·356	90	90	SW 2	SW 1	9	5	·050	Dull day.
3	·27	·23	50·0	47·0	45·6	57·8	3·0	2·5	·286	·264	80	83	W 3	W 2	3	0	—	⊂
4	·17	·17	50·8	48·0	43·2	59·0	3·5	2·7	·285	·270	77	81	WSW 3	SW 3	2	0	·020	Cooler.
5	·24	·27	53·2	51·7	46·4	56·0	3·4	1·7	·316	·339	78	88	WSW 3	W 1	8	10	·250	● showers.
6	·42	·58	54·1	53·1	47·7	61·9	4·8	1·8	·295	·355	71	87	SSW 4	SW 1	0	5	·420	Bright day.
7	·53	·53	57·1	55·3	51·1	62·3	1·3	2·0	·427	·379	91	87	SW 1	SW 2	7	0	·030	⊂
8	·63	·75	56·0	48·0	47·4	61·7	2·8	0·8	·369	·315	82	94	S 2	Calm 0	9	0	—	Fine day. ⊔ 9p.
9	·64	·51	59·0	57·1	47·1	60·0	2·2	2·0	·430	·382	87	81	ESE 3	W 4	8	2	·020	Dull and mild.
10	·74	·91	54·9	51·3	49·3	58·1	2·0	2·5	·374	·313	87	83	W 2	W 3	9	5	—	Fine day.
11	·77	29·76	59·0	54·3	51·3	61·2	0·5	0·3	·482	·413	97	98	SSW 4	S 1	10	10	·920	⁄ a. ● 2.
12	29·92	30·09	51·1	46·0	44·9	56·7	2·6	2·3	·308	·258	82	84	N 2	SW 2	6	8	—	Fine day.
13	30·12	30·05	48·5	48·3	41·0	55·1	3·3	1·9	·263	·292	77	87	NW 2	W 1	4	8	·080	⊔ before 9a. Fine day.
14	29·80	29·85	59·8	60·4	48·3	64·9	0·9	0·8	·483	·498	94	96	SW 3	W 1	10	10	·080	● all day.
15	·88	·90	60·0	58·8	57·0	65·1	1·9	1·6	·456	·446	89	90	W 3	SW 4	10	10	—	
16	·91	·96	59·0	57·8	55·4	65·6	3·0	0·8	·407	·454	82	94	WSW 3	WSW 4	9	5	·020	Pretty sunset.
17	·97	29·95	57·0	53·3	52·4	60·0	1·7	0·3	·415	·399	89	98	SW 1	W 2	10	10	·400	● a. and p.
18	29·98	30·21	56·0	52·3	51·4	58·1	4·0	4·3	·338	·284	75	72	NE 3	N 1	6	0	—	Finer.
19	30·28	·31	47·6	50·1	41·7	58·8	1·4	1·3	·296	·328	90	91	NNE 1	Calm 0	10	9	—	≋9 a. Fine day.
20	·33	·28	52·1	49·0	44·4	59·0	1·9	1·0	·340	·322	86	93	Calm 0	W 1	9	4	—	≋9 (mist) a. Fine day.
21	·19	·14	58·0	56·0	47·4	65·6	3·0	1·8	·393	·396	81	88	NE 3	SW 3	8	9	—	Fine day.
22	·12	·21	56·0	52·7	51·7	57·0	2·4	2·9	·378	·322	85	81	SW 2	SW 2	10	10	·060	
23	·32	·36	51·1	50·3	48·2	55·0	3·1	3·3	·297	·283	79	78	NW 1	Calm 0	1	9	—	Fine day.
24	·32	30·23	49·0	47·0	44·4	53·4	3·8	3·0	·259	·253	74	79	N 1	W 2	10	3	—	≋9 (mist) a. ⊔
25	30·04	29·78	52·3	55·0	43·9	55·8	3·5	4·0	·302	·325	77	75	SW 3	W 4	10	7	·070	Dull day.
26	29·75	·68	49·7	46·7	44·7	56·6	3·0	3·5	·283	·239	80	76	W 4	SW 3	0	6	—	⁄ a. Sunny day.
27	·84	·98	46·9	45·0	42·4	52·8	3·8	3·0	·236	·233	75	78	NW 4	W 4	0	10	—	⁄ a. Sunny day.
28	·88	·71	52·1	54·9	40·4	56·6	2·3	4·3	·329	·317	84	74	SW 3	W 4	10	10	—	Dull day.
29	·69	·70	51·2	50·1	45·4	57·0	5·5	5·1	·247	·243	66	67	SW 2	SW 1	6	9	—	Dull day.
30	·78	29·89	43·0	46·3	42·0	51·6	1·2	5·1	·251	·207	90	66	E 1	N 2	6	0	·010	
31	29·96	30·06	40·1	43·0	38·6	47·0	1·2	2·0	·223	·234	90	84	N 2	NE 1	5	0	—	
Mean	29·825	29·839	53·1	51·3	46·7	58·5	2·7	2·3	·338	·324	82·5	84·4	2·3	1·9	6·7	5·6	2·490	

SOUTHAMPTON.—OCTOBER 1893.

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24′ W. Lat. 50° 55′ N. Gravity Correction, +·016 in.

1	29·53	29·61	50·1	50·9	43·2	62·1	0·9	1·0	·338	·348	93	93	Calm 0	SW 0·5	9	1	·065	⊔ 2 ≋ a. [7p.
2	·57	·52	47·6	51·1	39·8	61·2	0·4	1·0	·320	·350	97	93	SE 0·5	SW 1	7	10	·107	⊔ 2 ≋ ● a. Beautiful day. ● from
3	·36	·25	53·5	46·7	42·2	59·6	4·4	1·6	·295	·281	72	89	W 3	SW 1	3	0	·010	Beautiful a. and p. ● shower 4p. ⊔
4	·17	·17	56·9	49·5	44·9	61·6	5·2	2·3	·321	·297	69	84	WSW 4	SW 1·5	2	1	·097	Beautiful a. ● showers p. [n.
5	·23	·23	50·5	52·6	47·2	59·9	1·4	1·6	·331	·353	90	89	S 2	SW 1	7	10	·525	● 2 shower 8a. Beautiful day. ●
6	·44	·53	56·1	53·5	45·9	61·8	3·4	0·8	·357	·387	78	94	WSW 2·5	Calm 0	0	9	·340	● 2 n. Beautiful day. [from 9p.
7	·50	·41	51·0	51·4	47·1	59·2	0·5	1·1	·361	·351	97	92	SE 1·5	SE 2·5	8	10	·447	● 2 showers. ⊼ p.
8	·64	·72	49·9	48·0	43·2	63·2	0·2	0·6	·354	·319	99	96	SW 0·1	SW 1	2	0	—	≋ a. Beautiful day. ⊔ 2 n.
9	·64	·53	56·6	55·0	44·9	64·2	1·5	1·1	·414	·400	90	92	NE 2	NE 2	8	10	·085	⊔ 2 a. Beautiful day till 5p. ⊼ 2 ●
10	·83	·83	55·5	55·6	48·7	59·8	4·0	3·2	·333	·354	75	79	SW 2·5	SW 4	0	10	·354	Beautiful day till 4p. ● p. [p.
11	29·75	29·79	50·4	49·5	48·4	59·8	1·6	0·6	·456	·338	91	95	WSW 1·5	SW 1·5	7	10	·430	⁄ before 9a. ● a. and p.
12	30·00	30·14	52·5	44·9	42·1	59·9	2·5	1·1	·328	·272	83	92	NW 2·5	NW 1	0	4	—	Beautiful day. ⊔ 2 n.
13	30·17	30·06	45·5	54·6	36·4	58·9	1·0	2·8	·282	·350	93	82	SE 1	SW 2	3	10	·020	Beautiful a. Dull, with ● 0 showers
14	29·88	29·93	60·1	59·1	54·0	62·6	0·6	0·3	·500	·492	96	98	SW 2	WSW 2	10	10	·088	● early a. and p. [p.
15	·95	29·95	60·1	57·9	57·3	61·7	0·7	0·9	·496	·452	95	94	SW 2	SW 3	10	10	·002	
16	29·93	30·02	60·4	59·7	56·2	65·4	1·8	0·7	·466	·489	90	96	WSW 2	SW 1	10	10	·010	Beautifully fine and mild.
17	30·01	29·88	59·9	58·7	57·5	63·3	0·8	0·4	·490	·481	96	98	SW 2·5	S 2	10	10	·470	● 0 early a. Fine and mild till 4p. [then ●.
18	·02	30·24	54·6	46·8	46·8	61·6	2·5	1·0	·356	·296	84	93	NE 4	NE 0·5	0	0	—	● 2 n. Beautifully fine. ⊔
19	·33	·32	47·0	46·8	39·2	61·8	0·5	0·7	·311	·303	97	95	NNW 1	SE 1	0	1	—	⊔ a. and p. Beautiful day. ≋0 n.
20	·33	·28	46·9	54·2	41·0	60·2	0·2	1·2	·316	·385	99	92	NE 0·5	SSW 1·5	9	9	—	⊔ 2 ≋0 a. Beautiful day.
21	·23	·17	58·7	56·0	51·2	65·8	1·4	1·3	·449	·411	91	91	SW 1	SW 1·5	7	10	·070	⊔ 2 a. Beautiful day. ⊔ 0 n.
22	·16	·26	54·8	47·4	47·4	57·7	0·4	0·5	·418	·316	97	96	WSW 1	NNW 1	10	1	·110	● 9a.—noon, and 4p.
23	·38	·39	47·8	49·6	38·3	58·8	0·7	2·5	·314	·293	95	83	N 1·5	NNE 1	0	10	—	⊔ 2 a. Beautiful day.
24	·36	30·24	45·1	51·4	40·8	55·4	1·1	2·9	·274	·307	91	81	SW 1	SW 1·5	10	10	—	⊔ ≋0 a.
25	30·03	29·80	53·1	56·3	50·5	57·0	3·2	1·7	·319	·404	78	89	SW 2·5	SW 3	10	10	·107	Dull all day. ⁄ ●0 in evening.
26	29·83	29·75	52·4	48·0	45·5	57·2	3·2	1·6	·311	·295	79	89	W 3	SW 3	6	10	·078	Beautiful a. ● p.
27	·95	30·01	44·7	43·7	37·9	57·2	1·3	1·2	·266	·258	90	90	W 1·5	SW 1	0	0	·002	Beautiful day throughout. ⊔ n.
28	·93	29·78	53·6	54·8	40·8	58·5	1·3	2·1	·375	·371	91	87	SW 3·5	SW 4	10	10	·012	
29	·76	·77	50·9	45·9	45·8	58·6	3·0	1·2	·298	·283	80	93	WNW 1·5	NW 0·5	10	2	—	⊔ at night.
30	29·83	29·94	44·1	37·5	37·3	52·4	2·4	1·1	·237	·203	81	91	N 1	NE 1	0	0	—	⊔ a. and p. Beautiful day.
31	30·06	30·12	36·0	32·2	29·2	46·2	2·0	0·9	·175	·163	82	89	NW 1	NW 1	0	0	—	⊔ 0 a. and n. Beautiful day.
Mean	29·864	29·852	52·1	50·6	44·9	59·8	1·7	1·3	·350	·342	88·4	90·8	1·8	1·6	5·4	6·4	3·429	

PLYMOUTH.—OCTOBER 1893.

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 74 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 4° 8′ W. Lat. 50° 22′ N. Gravity Correction, + ·015 in.

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind, Direction and Force. 9 a.m.	9 p.m.	Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·41	29·55	56·8	50·9	45·6	62·1	2·1	1·4	·401	·336	86	90	Calm	W	2	2	·110	≋0 (mist) 9a. Sunny till 2p.
2	·47	·28	55·0	50·3	42·6	59·7	2·6	3·1	·361	·287	83	78	SW	NW	8	4	·435	●2 ▲2 showers.
3	·29	·19	54·5	52·2	46·0	58·4	4·6	3·5	·305	·301	71	76	W	NW	5	1	·030	● showers.
4	·09	·08	55·0	53·5	48·7	58·1	4·6	3·1	·312	·327	72	79	WSW	W	7	9	·120	●0 showers.
5	·10	·10	54·0	49·7	48·4	58·1	3·6	1·8	·323	·311	77	87	WSW	NE	7	10	·245	● showers a. Fine afternoon. <
6	·31	·36	50·5	56·0	45·5	59·1	1·1	2·9	·338	·366	92	81	Calm	SW	10	3	·070	● showers. ⚲ [(mist) 9p. <
7	·32	·34	56·0	50·3	49·7	57·3	2·1	0·9	·388	·342	86	93	SSE	W	10	2	·285	●2 showers a. Fine afternoon. ≋0
8	·54	·57	52·8	47·0	40·0	58·9	2·4	1·9	·335	·277	83	87	Calm	NE	8	1	·150	≋0 (mist) 9a., then fine and very
9	·47	·52	57·5	52·8	45·0	62·5	2·6	0·9	·397	·374	83	93	SE	E	9	2	·070	Fine day. < [clear.
10	·74	·56	55·5	58·6	46·0	58·7	5·1	0·8	·306	·467	69	95	WSW	SW	3	10	·460	Brilliant a. Overcast p. (gale).
11	·66	·29·72	54·5	49·7	48·9	58·7	2·6	2·3	·355	·299	82	85	W by N	WNW	10	10	·165	Overcast all day, with ●2 showers.
12	29·94	30·05	52·0	45·0	41·0	56·1	3·1	1·7	·307	·260	79	86	N	N	1	0	—	Brilliant sunshine all day.
13	30·05	29·93	48·5	55·2	36·1	55·3	3·0	0·3	·269	·428	80	98	NW	SW	5	10	·240	Bright till 10a., then overcast. ●
14	29·83	·88	58·0	58·0	54·0	59·9	0·4	0·6	·470	·464	97	96	W by S	SW	10	10	·005	Dull and overcast all day. [from 6p.
15	·87	·84	58·7	57·5	56·0	59·6	0·7	0·8	·472	·449	95	94	S W	SW	10	10	·100	≋ 9a. Overcast all day.
16	·85	·93	59·0	58·9	56·0	61·3	0·2	0·7	·491	·475	99	95	W by S	SW	10	10	·020	Dull and overcast. ≋0 (mist) p.
17	·94	29·78	57·5	57·7	56·7	59·4	0·2	0·0	·469	·477	99	100	SW	SW	10	10	·505	Overcast all day. ●2 from 5p. ≋0
18	29·94	30·13	56·0	49·8	49·4	62·0	4·0	2·0	·338	·307	75	87	N	N	1	1	—	Sunny all day. Ψ (mist) 9p.
19	30·20	·21	49·5	48·5	39·5	60·9	2·1	0·9	·302	·319	85	93	Calm	NE	3	8	—	≋0 (mist) 9a. Sunny all day.
20	·19	·18	57·0	54·3	46·9	59·1	2·6	0·9	·388	·397	83	94	SE	NE	9	10	—	
21	·13	·09	54·0	56·0	49·0	61·8	1·1	0·1	·385	·447	92	100	ESE	NW	5	8	·085	Fine and clear.
22	·06	·18	56·2	46·5	45·7	59·7	1·2	2·5	·418	·259	92	81	NE	NE	9	0	—	≋0 (mist) 9a.
23	·28	·29	51·0	51·0	40·5	59·9	2·1	2·4	·319	·312	85	83	NW	Calm	2	9	—	Fine and sunny.
24	30·25	30·14	51·0	53·7	48·4	55·4	2·6	4·8	·307	·290	82	70	NW	SW	10	10	—	≋ 9a. Overcast all day.
25	29·94	29·76	55·5	52·2	51·5	57·7	4·1	1·5	·329	·353	74	91	WSW	NW	10	10	·025	Dull and overcast.
26	·78	·68	51·5	53·2	47·6	54·6	3·1	0·8	·302	·382	79	94	W	SW	8	9	·010	
27	·88	·94	49·5	50·6	44·0	54·9	4·0	2·7	·259	·301	73	81	NW	NW	2	9	·005	Brilliant sunshine most of day.
28	·88	·74	54·5	54·9	49·5	56·1	2·1	0·3	·365	·424	85	98	WSW	SW	10	10	·150	Dull and overcast.
29	·68	·70	52·3	48·9	48·0	55·8	2·2	2·1	·334	·294	85	85	NW	NW	9	10	—	Overcast.
30	·75	29·84	45·0	39·0	38·0	48·9	3·5	1·5	·225	·208	75	87	NW	NE	2	2	—	Bright, clear and sunny.
31	29·97	30·02	42·5	34·2	32·7	46·8	4·5	1·8	·185	·162	67	81	NNW	NE	1	0	—	Bright, clear and sunny, but very cold.
Mean	29·768	29·760	53·6	51·5	46·4	58·0	2·6	1·6	·347	·345	82·7	88·3	—	—	6·6	6·5	3·285	

LONDONDERRY.—OCTOBER 1893.

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

1	29·37	29·43	48·7	48·7	43·4	57·8	1·0	1·2	·319	·314	93	92	SW 3	SW 2	5	5	·080	● showers.
2	·31	29·18	48·7	44·7	42·6	56·0	1·5	0·7	·306	·279	89	94	SW 2	SW 2	8	4	·140	● showers.
3	29·06	28·91	44·6	42·6	39·0	53·0	1·6	1·0	·258	·251	88	92	SW 3	SW 2	10	9	·330	● 9a.—11a. and 4p.—8p.
4	28·91	28·93	44·5	44·7	39·8	56·2	0·8	1·2	·275	·269	94	91	SE 2	SE 1	8	10	·380	● showers a.
5	29·02	29·13	47·8	45·1	43·0	58·2	0·3	0·4	·325	·291	98	97	N 1	NE 1	10	5	·450	● a. and p.
6	·30	·44	47·7	44·7	42·8	54·0	0·6	0·9	·315	·275	96	93	W 2	Calm 0	6	0	·060	● showers till 11a., then fine.
7	·50	·53	43·7	42·5	36·8	62·0	0·8	0·6	·267	·259	93	95	SW 2	W 1	1	0	—	Fine day.
8	·56	·62	42·0	46·7	36·0	60·5	0·6	1·8	·254	·277	95	87	W 2	S 1	4	0	·080	Fine day.
9	·68	·63	44·0	38·0	36·6	49·0	0·9	0·5	·267	·218	93	96	E 2	Calm 0	10	0	·310	● till 2p. Fine afternoon.
10	·66	·59	36·9	41·7	33·2	52·8	0·3	0·9	·213	·246	97	93	W 2	Calm 0	1	0	·070	≋0 (mist) a. ● showers during day.
11	·54	·78	48·9	44·7	39·6	53·0	1·9	2·0	·299	·251	87	86	W 3	NW 1	3	1	·090	● showers.
12	·92	·98	48·1	47·5	42·2	54·8	2·9	2·5	·266	·269	79	82	NW 3	NW 3	3	10	·050	● at night.
13	·92	·62	48·7	55·1	43·8	55·4	3·1	0·4	·270	·423	79	97	S 2	SW 1	10	10	·220	● all day.
14	·57	·60	57·6	58·3	54·2	60·8	0·9	0·6	·448	·468	94	96	SW 3	W 1	10	10	·320	● showers during day.
15	·56	·56	58·7	58·7	56·8	61·0	0·9	1·0	·465	·462	95	94	SW 3	SW 1	10	8	·210	● ≋0 (mist).
16	·66	·90	55·9	49·5	48·6	59·3	3·2	1·8	·359	·309	80	88	W 4	SW 2	9	4	—	Fine day.
17	29·94	29·99	47·2	48·2	45·4	60·0	1·0	0·9	·300	·315	93	94	WSW 1	Calm 0	2	0	—	Fine day.
18	30·08	30·17	51·9	50·7	44·0	56·0	2·4	1·0	·324	·345	85	93	SW 3	SW 1	10	10	·010	● showers during day.
19	·22	30·19	51·0	50·8	47·6	54·8	1·3	3·5	·341	·285	91	77	W 2	S 2	6	10	·030	● at night.
20	30·01	29·91	51·0	60·7	49·2	62·0	1·3	4·0	·341	·407	91	77	SW 3	SW 4	10	10	·020	● at night.
21	29·86	30·09	58·0	44·7	44·1	61·0	1·0	1·2	·451	·269	93	91	SW 4	NW 2	10	0	·080	Fine day. ● at night.
22	30·09	·23	48·2	49·0	41·0	57·0	2·4	2·0	·279	·298	84	86	NW 3	NW 1	5	0	·020	≋0 (mist) a. ● showers.
23	·37	30·23	50·0	50·7	47·2	53·0	2·3	2·2	·302	·315	84	86	NW 1	SW 4	10	10	—	≋0 (mist) p.
24	30·05	29·76	53·0	53·9	49·6	55·0	2·0	1·2	·347	·381	86	92	SW 4	SW 4	10	10	·580	● 4p.—8p.
25	29·54	·47	49·0	42·7	41·3	55·3	1·2	1·2	·317	·248	92	90	SW 3	W 3	10	10	·390	Constant ● till noon. ● showers p.
26	·61	·73	42·7	44·2	40·0	47·0	2·1	1·8	·230	·250	84	86	W 4	NW 2	7	8	·190	● showers.
27	·83	·75	47·5	51·5	38·6	52·6	3·3	1·8	·252	·334	77	88	W 2	NW 3	8	10	·090	● during day.
28	·47	·57	52·9	44·5	43·0	56·0	1·0	1·5	·372	·259	93	88	SW 4	NW 4	10	10	·130	Squally ●
29	·56	29·75	42·0	40·7	38·6	48·6	2·0	1·4	·225	·224	85	88	W 4	NW 1	6	8	·150	● showers.
30	29·91	30·08	37·3	37·5	34·8	49·6	0·6	0·9	·211	·207	95	92	SW 2	NW 1	1	10	·320	✳ ● (sleet) ● 4p.—7p. ●
31	30·15	29·81	34·7	39·7	31·8	45·0	1·0	3·0	·182	·188	91	76	SW 1	S 5	1	10	·070	● 8.30p.—midt. [showers n.
Mean	29·685	29·695	47·8	47·2	42·4	55·4	1·5	1·5	·303	·296	89·5	89·6	2·6	1·8	6·9	6·2	4·870	

ARMAGH.—OCTOBER 1893.

Height above Mean Sea Level, 196 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 39′ W. Lat. 54° 21′ N. Gravity Correction, + ·025 in.

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind, Direction and Force. 9 a.m.	9 p.m.	Cloud Amount. 9 a.m.	9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·29	29·35	51·0	47·0	41·2	58·3	1·3	1·9	·341	·277	91	87	SW 1	SSW 1	3	5	—	
2	·24	29·09	48·0	42·6	42·3	54·0	1·3	1·1	·302	·249	91	91	SSW 1	SW 1	10	3	·076	
3	28·99	28·83	48·3	43·5	38·0	52·7	1·3	1·0	·306	·260	91	92	SSW 2	SW 1	2	10	·342	
4	·79	28·81	49·4	44·9	40·0	53·9	2·9	0·4	·283	·289	81	97	WSW 1	NNW 0·5	3	10	·222	
5	28·91	29·02	50·0	42·7	41·2	57·7	1·9	1·0	·312	·252	87	92	SW 1	SSW 0·5	8	9	·065	
6	29·19	·32	48·7	41·8	37·7	56·5	1·7	0·3	·301	·258	88	98	WSW 1	SSW 0·5	7	0	·040	≋ in evening.
7	·38	·38	40·0	38·7	33·1	55·4	0·1	0·4	·245	·227	99	96	Calm 0	Calm 0	10	3	—	≋0 a.
8	·44	·51	46·0	45·8	36·6	56·0	1·8	3·0	·269	·243	87	80	SW 0·5	S 1	7	3	·250	
9	·54	·51	42·5	34·9	34·7	46·2	0·2	0·3	·268	·197	98	97	Calm 0	NNW 0·5	10	0	·228	
10	·53	·48	44·0	42·0	30·2	50·9	1·5	1·0	·255	·245	88	92	SW 1	SSW 1	3	3	—	
11	·47	·66	48·6	41·8	38·0	54·7	2·8	1·8	·276	·227	81	86	SW 3	WSW 1	8	8	—	
12	·82	·88	47·1	45·7	38·1	53·8	3·1	1·0	·252	·285	78	94	SW 1	SW 1	1	10	·048	
13	·82	·53	47·9	55·7	42·8	55·7	3·1	0·6	·262	·426	80	96	S 1	SSW 2	10	10	·086	
14	·48	·51	59·3	58·6	55·0	61·5	1·0	0·6	·473	·473	94	96	SW 2	SW 3	10	10	·194	Very damp.
15	·47	·45	60·6	60·0	58·0	62·0	0·6	0·6	·509	·498	96	96	SW 3	SW 3	10	10	·092	Very damp.
16	·58	·78	55·5	50·5	49·1	60·1	2·5	1·6	·370	·327	84	89	SW 1	SW 1	10	10	—	
17	·82	29·86	50·0	47·7	47·0	58·2	1·1	0·2	·332	·326	92	99	SW 0·5	Calm 0	8	7	—	
18	29·97	30·06	47·9	51·0	41·0	55·0	1·9	1·1	·286	·346	87	92	SSW 1	SW 1	4	10	—	
19	30·12	30·08	50·4	50·6	48·8	55·3	1·8	3·5	·320	·282	88	77	SW 1	S 2	10	10	—	
20	29·95	29·84	54·2	58·5	48·3	62·3	1·4	2·9	·380	·403	91	82	SSW 3	SSW 3	10	10	·006	
21	29·79	29·98	60·3	42·7	42·2	62·0	1·7	0·2	·468	·270	90	98	SW 4	NW 1	10	0	·122	
22	30·01	30·11	47·1	47·8	38·7	54·9	1·3	1·2	·292	·303	91	91	SSW 1	WSW 1	3	10	—	
23	30·25	30·13	50·0	49·0	44·8	54·8	1·0	2·9	·334	·287	93	81	WSW 1	SSW 3	10	10	—	
24	29·98	29·71	51·5	53·6	47·8	54·2	1·9	1·5	·331	·369	87	90	SSW 3	SSW 5	10	10	·295	Overcast all day.
25	·44	·40	50·0	42·7	42·2	56·0	1·1	1·0	·332	·252	92	92	SW 2	SW 3	10	9	·350	
26	·52	·61	44·0	40·1	38·7	47·8	2·2	2·1	·240	·206	83	83	W 1	W 1	9	7	·007	
27	·73	·66	44·6	50·6	36·5	51·0	3·0	1·4	·230	·332	78	90	SW 1	SW 3	9	10	·032	
28	·39	·48	53·0	44·6	43·8	54·8	1·2	1·1	·369	·270	92	92	SW 4	WSW 1	10	10	·124	
29	·47	·63	46·0	36·9	36·7	49·9	3·4	1·1	·236	·198	77	91	W 2	SW 1	7	3	·016	
30	29·76	·93	39·0	35·9	32·0	46·6	1·7	0·3	·205	·205	86	97	Calm 0	Calm 0	2	10	·022	
31	30·03	29·75	35·6	38·9	28·9	44·8	1·0	4·0	·191	·164	91	69	SW 1	SSW 3	0	10	·096	⌊ a.
Mean	29·585	29·591	48·7	46·1	41·1	54·7	1·7	1·3	·309	·289	88·1	90·4	1·5	1·5	7·2	7·4	2·713	

MARKREE CASTLE (SLIGO).—OCTOBER 1893.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27′ W. Lat. 54° 11′ N. Gravity Correction, + ·024 in.

1	29·36	29·40	53·6	47·8	38·2	59·2	2·6	1·6	·339	·293	82	88	SSW 1	Calm 0	6	9	·060	
2	·24	29·18	51·3	38·3	37·1	53·6	2·6	0·9	·313	·213	82	93	S 1	SE 1	10	3	·060	Ψ 9p.-11p.
3	29·01	28·91	47·3	43·9	35·3	53·3	1·9	1·6	·280	·252	87	87	S 1	SW 2	10	8	·570	
4	28·89	28·84	48·4	46·6	42·4	53·9	2·1	1·1	·288	·292	85	93	Calm 0	SSE 1	10	10	·080	
5	28·95	29·07	46·3	38·2	37·7	56·1	1·1	0·4	·288	·222	92	97	SSE 0·5	N 0·5	8	8	·050	Ψ0.
6	29·28	·41	48·3	42·2	32·3	53·9	0·8	0·4	·319	·261	95	96	Calm 0	Calm 0	8	9	·080	
7	·45	·47	47·6	33·6	33·0	54·8	1·6	0·5	·290	·183	89	94	SE 0·5	Calm 0	6	4	—	
8	·52	·57	43·9	42·8	26·8	55·8	2·1	0·7	·242	·259	84	95	Calm 0	Calm 0	2	10	·030	⌊
9	·61	·53	45·0	42·1	39·4	51·1	1·0	1·1	·275	·244	92	91	Calm 0	SSE 2	9	9	·040	
10	·61	·56	48·0	34·3	33·8	52·7	2·0	0·4	·285	·190	86	96	S 0·5	Calm 0	6	4	·010	
11	·56	·78	49·3	43·3	31·3	55·0	1·7	1·5	·308	·248	88	88	WSW 1	Calm 0	8	10	·140	
12	·93	·96	49·0	46·7	40·5	53·2	3·6	3·1	·263	·249	75	79	SW 1	S 0·5	9	10	·010	
13	·84	·59	46·2	57·1	35·0	57·1	1·2	0·3	·285	·458	92	98	SE 0·5	SE 0·5	10	10	·100	Overcast all day.
14	·57	·57	60·1	58·1	56·6	63·7	1·1	0·2	·483	·477	93	98	SSW 2	S 1	10	10	·310	Overcast all day.
15	·51	·51	59·0	58·7	57·2	61·6	0·7	0·7	·477	·471	96	96	S 1	SSW 1	10	10	·150	Overcast all day.
16	·66	·87	56·9	49·1	48·8	60·9	1·9	1·1	·406	·321	88	92	SW 1	Calm 0	10	10	—	
17	29·89	29·93	50·1	43·0	42·3	55·4	0·9	0·5	·338	·266	93	96	Calm 0	Calm 0	10	5	—	
18	30·06	30·14	45·0	50·6	32·1	56·0	0·8	1·1	·280	·341	94	93	Calm 0	WNW 1	9	10	·010	≋ before 9a. ⌊
19	30·17	30·11	51·0	49·1	46·2	55·8	1·0	1·1	·348	·321	93	92	SSE 1	SSE 1	10	10	—	
20	29·98	29·90	55·3	58·3	48·5	63·3	1·4	2·3	·397	·417	90	85	S 1	SSW 1	10	10	—	Overcast all day.
21	29·83	30·07	60·0	40·2	39·5	60·9	2·0	0·4	·453	·241	88	96	SSW 3	Calm 0	10	7	·220	
22	30·09	·21	47·0	50·1	33·4	56·0	1·0	2·1	·298	·308	93	85	SW 1	NW 1	9	10	—	
23	·32	30·19	49·0	50·4	42·2	54·9	1·6	2·0	·308	·315	89	87	Calm 0	S 1	10	10	—	Overcast all day.
24	30·04	29·76	53·8	54·4	50·0	55·3	1·9	1·4	·361	·383	87	91	S 1	SW 4	10	10	·760	Overcast all day.
25	29·53	·48	50·1	43·2	42·3	55·9	0·9	2·3	·338	·230	93	82	W 2	WSW 2	10	9	·190	⚲0 in N.W. 9p.
26	·63	·71	45·0	46·3	39·6	49·2	2·0	3·5	·253	·237	85	76	SW 1	NNW 2	8	10	·130	● storms in past n.
27	·82	·78	48·1	51·2	39·6	54·3	3·0	2·3	·264	·319	79	84	W 1	SSW 1	10	10	·090	Overcast all day.
28	·51	·59	53·0	44·9	43·6	54·9	0·9	2·0	·377	·253	94	86	WSW 3	WSW 3	10	10	·400	Overcast all day.
29	·57	29·74	42·2	36·0	34·4	48·6	2·0	0·7	·227	·199	85	94	W 1	Calm 0	9	10	·320	
30	29·84	30·03	40·8	37·1	32·1	46·3	1·4	1·1	·225	·199	89	90	SSE 0·5	NNE 0·5	6	7	·020	
31	30·12	29·79	34·2	39·1	25·0	44·6	3·1	1·4	·138	·211	71	89	Calm 0	SSW 3	4	10	·180	
Mean	29·657	29·665	49·2	45·7	39·2	55·1	1·7	1·3	·314	·286	88·0	90·5	0·9	1·0	8·6	8·8	4·010	

Dublin (Phœnix Park).—October 1893.

Height above Mean Sea Level, 155 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 21′ W. Lat. 53° 22′ N. Gravity Correction, + ·022 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer 9 p.m.	Air Temp. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Dep. of Wet 9 a.m.	Dep. of Wet 9 p.m.	Vapour Tension 9 a.m.	Vapour Tension 9 p.m.	Per-centage 9 a.m.	Per-centage 9 p.m.	Wind, Direction and Force 9 a.m.	Wind 9 p.m.	Cloud Amount 9 a.m.	Cloud 9 p.m.	Rain 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·38	29·43	52·2	48·1	41·9	61·4	2·9	1·5	·316	·298	81	89	W 1	Calm 0	1	2	·015	Bright *a*. Cloudy *p*. ●⁰ 6*p*.
2	·32	29·19	52·7	41·8	41·2	56·8	3·2	1·3	·315	·238	79	90	WSW 1	WSW 1	2	0	·035	Bright *a*. Cloudy *p*. ●⁰ 4*p*.
3	29·11	28·97	49·8	45·4	39·7	55·0	4·0	2·7	·264	·244	74	81	WSW 1	W 1	2	1	·070	Cloudy day. ●² 1*p*.
4	28·90	28·89	49·6	46·6	43·9	54·8	3·0	1·5	·282	·282	80	90	W 1	Calm 0	2	1	·050	< *n*. Bright *a*. Cloudy *p*. ●² ▲² [1*p*.
5	29·00	29·05	53·5	44·2	42·4	59·8	5·7	1·4	·268	·259	65	89	W 1	Calm 0	1	1	—	Beautiful day. < 9*p*.
6	·26	·37	50·1	39·6	37·6	57·8	3·5	0·3	·277	·238	77	97	Calm 0	Calm 0	1	0	·015	Bright *a*., cloudy *p*. ●² 1*p*.
7	·43	·39	38·0	42·7	33·9	55·7	0·2	1·2	·224	·248	98	90	Calm 0	Calm 0	5	6	—	Cloudy, with ≡⁰.
8	·52	·57	43·4	38·5	36·5	55·3	2·3	0·7	·232	·219	82	94	W 1	Calm 0	1	1	—	Beautiful day.
9	·59	·58	44·8	33·5	32·0	48·1	1·7	0·8	·257	·175	87	91	Calm 0	Calm 0	9	0	·010	Cloudy day. ●⁰ showers *p*.
10	·61	·57	44·6	44·4	29·7	50·8	1·9	1·3	·252	·262	86	90	W 1	Calm 0	9	10	·030	Cloudy day. ●⁰ showers *p*.
11	·61	·75	47·7	42·2	32·1	57·7	4·1	1·2	·239	·243	73	90	W 2	Calm 0	1	1	—	Beautiful day.
12	·94	·98	43·3	46·4	35·0	54·6	2·8	2·9	·222	·251	79	81	W 1	Calm 0	1	9	—	
13	·93	·64	53·0	58·7	39·7	59·0	5·2	2·0	·273	·432	68	87	W 1	SW 1	7	8	·090	Cloudy day. ●⁰ 1*p*.
14	·58	·64	60·9	60·8	58·3	63·3	1·3	1·1	·491	·496	93	93	WSW 1	WSW 1	9	10	·280	Cloudy, with ●⁰ showers. ●² 5*p*.—10*p*.
15	·60	·61	62·2	60·0	58·4	64·0	2·7	1·9	·469	·456	84	89	SW 2	SW 2	7	10	·080	Dull with ●⁰ showers.
16	·70	·86	56·7	54·4	52·9	60·4	3·2	2·1	·368	·364	80	86	W 2	Calm 0	8	5	·025	● showers from 10*p*.
17	29·88	29·90	50·2	44·8	43·7	54·6	1·4	1·2	·327	·269	91	91	Calm 0	Calm 0	10	1	·075	Dull, with ●⁰ showers till 4*p*. ≡⁰ *p*.
18	30·05	30·14	44·7	51·1	37·7	52·6	0·6	2·4	·281	·315	95	83	Calm 0	Calm 0	6	8	—	Dull, with ≡⁰ *a*. Cloudy *p*.
19	·20	30·17	50·9	50·2	47·8	54·0	2·5	2·6	·310	·298	84	83	Calm 0	Calm 0	8	7	—	
20	30·04	29·96	56·9	64·4	48·8	64·8	2·8	7·1	·381	·380	83	62	SW 1	SW 1	9	8	—	
21	29·91	30·04	64·2	49·6	48·5	66·9	4·7	1·8	·443	·310	74	88	SW 1	Calm 0	6	9	·120	Cloudy day. ●² 5*p*.—8*p*.
22	30·12	·20	47·4	48·1	36·2	55·7	3·1	1·6	·256	·296	79	89	WSW 1	W 1	1	9	—	Beautiful day.
23	·33	30·25	47·5	50·6	41·7	52·6	1·8	4·1	·285	·270	87	73	Calm 0	SW 1	9	8	—	
24	30·11	29·88	52·4	51·8	47·3	56·8	3·8	2·4	·297	·323	76	84	SW 1	SW 2	8	5	—	⁄ from 10*p*. ☈
25	29·57	·57	57·5	44·6	43·2	59·4	3·5	2·7	·372	·236	78	80	SW 4	W 2	7	1	·120	⁄ till 11*a*. ●⁰ 11*a*.—1*p*.
26	·65	·68	44·1	40·3	39·0	51·3	3·3	1·6	·219	·217	75	88	W 2	Calm 0	1	0	·050	●⁰ showers.
27	·83	·79	43·2	51·0	34·9	53·1	2·2	1·9	·232	·326	83	87	W 1	W 1	8	7	·020	●⁰ *p*.
28	·59	·58	52·7	46·3	45·2	57·0	2·2	2·7	·339	·254	86	81	W 3	W 1	6	7	·080	Cloudy day. ● showers *p*.
29	·59	·73	45·4	36·4	35·0	49·8	2·8	1·1	·242	·195	80	91	W 2	W 1	2	1	—	Beautiful day.
30	29·82	·96	36·5	32·1	30·1	45·5	1·8	1·2	·183	·154	84	85	W 1	Calm 0	1	1	—	< 9*p*.
31	30·09	29·95	34·6	34·9	26·7	46·8	2·5	2·3	·153	·158	76	78	Calm 0	SW 1	1	9	·025	Beautiful day.
Mean	29·685	29·686	49·4	46·6	40·7	56·0	2·8	2·0	·293	·281	81·2	86·1	1·1	0·5	4·8	4·7	1·190	

Parsonstown (Birr Castle).—October 1893.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar.,—2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 inches.
Long. 7° 55′ W. Lat. 53° 6′ N. Gravity Correction, + ·021 in.

Day.	Bar. 9 a.m.	Bar. 9 p.m.	Air 9 a.m.	Air 9 p.m.	Min.	Max.	Dep. 9 a.m.	Dep. 9 p.m.	V.T. 9 a.m.	V.T. 9 p.m.	% 9 a.m.	% 9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	Cloud 9 p.m.	Rain 9 a.m.	Remarks.
1	29·37	29·38	50·9	46·9	44·8	58·7	1·8	1·0	·327	·298	88	93	SW 1	Calm 0	3	6	—	⊔ *n*. Fine day.
2	·28	29·20	51·7	42·9	40·8	54·7	2·8	1·0	·313	·255	81	92	Calm 0	SE 1	8	8	·210	⊔ *n*. Fine day.
3	29·10	28·97	46·7	44·7	40·8	52·7	1·8	1·8	·277	·255	87	87	SE 1	SW 1	5	4	—	Dull *a*.
4	28·89	28·87	48·7	46·7	41·8	53·7	2·6	0·8	·281	·301	82	94	SW 1	SW 1	6	4	·170	Fine *a*.
5	28·94	29·04	49·5	41·7	38·8	59·7	3·4	0·8	·272	·248	77	94	SE 1	SW 1	0	0	·062	Fine day.
6	29·24	·37	45·7	40·1	32·8	55·7	1·3	0·4	·278	·240	91	97	Calm 0	NE 1	10	0	—	⊔ in past *n*.
7	·40	·42	38·9	39·7	34·8	53·7	0·0	0·8	·237	·228	100	93	S 1	NE 1	10	0	—	⊔ *n*. ≡ *a*. Day bright.
8	·51	·55	40·7	44·7	28·8	54·7	0·8	0·8	·237	·278	93	94	Calm 0	S 1	2	6	—	⊔ *n*. Fine and bright.
9	·57	·55	43·7	41·9	39·8	49·9	0·8	1·0	·267	·246	93	93	NW 1	NW 1	10	6	·390	●² *n*. Dull *a*.
10	·61	·55	46·7	45·5	38·8	51·7	2·8	1·6	·255	·268	81	88	S 1	SE 1	9	8	--	Fine day.
11	·59	·75	47·0	48·9	34·9	55·7	3·1	4·5	·251	·244	78	70	SW 1	NW 1	4	10	·052	⊔ *n*. Fine day.
12	·93	·98	43·9	45·7	32·9	53·7	1·0	1·8	·265	·267	92	87	SW 1	SW 1	8	6	·040	⊔ *n*. Cool *a*.
13	·85	·60	45·7	58·7	39·8	59·1	1·3	0·8	·278	·468	91	95	SE 2	SE 1	10	10	·190	Dull, with ●².
14	·59	·62	59·2	59·7	57·9	61·7	0·5	0·8	·487	·487	97	95	SW 1	SW 1	10	10	·170	Dull, with ●⁰.
15	·57	·55	60·9	59·7	57·8	62·7	1·0	0·8	·501	·487	94	95	SW 1	SW 2	10	10	·140	Dull, with ●.
16	·69	·85	56·3	54·7	53·8	59·7	2·4	0·8	·384	·406	84	95	SW 1	NW 1	10	10	·210	Dull, with ●.
17	29·83	29·88	53·7	45·2	44·8	54·7	0·8	0·3	·390	·295	94	98	SE 1	NW 1	10	0	·528	Dull, with ●².
18	30·06	30·15	46·7	51·7	40·8	56·7	0·8	2·4	·301	·322	94	84	S 1	SW 1	5	10	—	
19	·15	30·11	51·7	51·5	47·0	54·7	6·3	2·6	·238	·315	62	82	SW 1	SE 1	4	4	—	Dull *a*.
20	30·00	29·94	56·7	56·7	50·7	64·2	1·8	1·8	·406	·406	88	88	SE 1	SE 1	10	8	—	Dull *a*.
21	29·88	30·03	60·7	46·7	46·7	63·7	1·8	0·8	·472	·301	89	94	SE 2	NW 1	6	4	—	Dull *a*.
22	30·12	·22	43·7	46·7	32·8	54·7	0·8	0·8	·267	·301	93	94	W 1	SW 1	9	8	·195	⊔ *n*. Fine day.
23	·32	30·23	44·7	49·7	37·8	54·7	0·3	2·8	·288	·288	97	81	SE 1	SW 1	4	6	—	Fine day.
24	30·09	29·87	51·7	51·7	44·8	55·7	2·8	0·8	·313	·362	81	94	SW 1	SE 1	10	10	—	
25	29·56	·57	55·7	44·7	43·8	57·7	1·9	1·6	·390	·259	88	88	SSW 3	SSW 2	10	6	·200	
26	·67	·70	46·7	41·7	39·8	49·9	4·2	0·8	·227	·248	72	94	SW 1	NW 1	9	4	·330	Fine *a*., dull with ●² *p*.
27	·85	·81	43·7	50·7	35·8	54·7	0·8	1·8	·267	·325	93	88	SW 1	SW 1	5	10	·060	
28	·62	·62	52·2	46·7	46·7	55·7	1·0	1·8	·363	·277	93	87	SW 3	SW 1	10	10	·110	≡⁰ (mist) *a*. Day dull, with ●.
29	·63	·74	45·7	34·5	34·5	50·7	1·8	0·6	·267	·188	87	94	W 1	Calm 0	3	0	—	Fine day.
30	29·81	·96	35·7	30·9	29·8	45·9	1·0	0·5	·192	·161	91	93	Calm 0	Calm 0	2	1	—	⊔ ≡ *n*. Fine day.
31	30·10	29·90	30·7	38·8	24·0	43·1	1·8	2·7	·129	·185	74	79	Calm 0	S 1	0	10	·088	⊔ *n*. Fine day.
Mean	29·671	29·676	48·3	46·8	40·6	55·3	1·8	1·3	·304	·297	87·3	90·3	1·0	1·0	6·8	6·1	3·145	

Deerness.—November 1893.

Height above Mean Sea Level, 169 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45′ W. Lat. 58° 56′ N. Gravity Correction, + ·036 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer 9 p.m.	Air Temp. 9 a.m.	Air Temp. 9 p.m.	Min.	Max.	Dep. of Wet 9 a.m.	Dep. of Wet 9 p.m.	Vapour Tension 9 a.m.	Vapour Tension 9 p.m.	Per-centage 9 a.m.	Per-centage 9 p.m.	Wind, Direction and Force 9 a.m.	Wind 9 p.m.	Cloud Amount 9 a.m.	Cloud 9 p.m.	Rain 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·06	29·05	41·2	38·2	37·0	44·8	1·5	1·2	·227	·206	89	90	WSW 5	W 6	9	9	·440	● showers. Ʀ Ш
2	·09	·35	38·6	39·0	35·0	42·3	1·6	3·0	·203	·181	87	77	W 5	NW 5	7	7	·110	
3	·43	·44	37·0	38·8	34·5	39·8	1·2	3·8	·196	·166	89	71	WNW 1	N 4	8	10	·030	"Mackerel sky" 9*a*.
4	·62	·60	34·0	37·4	32·8	38·8	0·5	2·7	·186	·174	95	78	NW 7	SW 5	1	10	·460	▲ ✱ showers.
5	29·56	29·85	37·3	37·5	32·0	39·0	4·3	4·1	·147	·151	66	68	NE 7	NNE 6	3	3	·210	✱ showers.
6	30·05	30·22	37·3	38·0	34·4	41·8	1·3	2·7	·197	·178	89	77	N 7	NNE 5	9	7	·070	✱ showers before 9*a*.
7	·29	·34	39·5	42·0	35·0	42·0	4·1	1·4	·167	·237	69	89	N 3	NW 3	10	4	·090	
8	·28	·36	42·0	40·1	37·5	44·1	2·5	1·1	·216	·225	82	91	N 3	NNE 1	3	4	—	
9	·39	·37	41·0	41·0	39·0	42·8	1·0	2·5	·235	·206	92	81	NNW 1	NW 2	10	10	—	Overcast all day.
10	·32	·32	44·2	46·0	40·0	46·6	1·5	1·3	·257	·280	89	91	NW 2	NW 2	10	10	—	Overcast all day.
11	·36	·37	45·0	43·0	42·0	46·4	3·0	2·0	·233	·234	78	84	N 3	N 1	10	10	—	
12	·32	30·19	41·3	39·0	38·0	43·8	2·1	1·2	·217	·214	84	90	Calm 0	Calm 0	10	8	—	Fine day.
13	30·02	29·82	39·3	37·2	36·5	40·4	1·8	1·7	·206	·189	86	85	SW 2	SSW 1	10	0	—	Very fine.
14	29·64	·64	37·0	42·4	32·0	43·8	0·3	1·1	·214	·248	97	91	SW 1	NNE 5	0	10	·070	
15	·74	·70	38·0	43·2	35·7	43·4	3·8	3·2	·160	·213	69	77	Calm 0	SW 3	3	5	—	
16	29·56	29·18	43·0	45·7	40·0	45·8	3·0	2·3	·215	·256	78	84	SSW 5	S 7	5	10	·580	"Mackerel sky." ●².
17	28·57	28·58	47·7	39·0	32·0	48·8	0·5	0·0	·318	·238	96	100	SSE 5	N 12	10	10	1·550	●² ⁄² (96 miles per hour) 9*p*. [Bar. 28·42 1*p*.
18	29·48	29·65	30·5	30·0	27·0	42·8	0·5	1·0	·157	·140	92	83	N 10	N 9	6	5	—	≡ *a*. ⁄ ✱
19	29·90	30·14	34·0	35·6	28·0	35·8	2·6	3·0	·145	·153	74	73	NNE 8	NNE 4	9	10	—	✱ *a*. ≡ *p*. Very cold.
20	30·26	30·28	36·0	41·0	34·5	41·0	1·8	1·0	·179	·235	84	92	N 1	WNW 2	9	8	·080	
21	30·21	29·73	44·2	41·0	39·0	45·8	0·9	2·0	·270	·215	93	84	WNW 2	WNW 8	3	2	·290	⁄
22	29·70	·84	37·2	28·8	27·0	42·8	3·9	1·8	·153	·109	69	70	NNW 9	NNW 10	8	8	·100	Bitterly cold, with ⁄ ✱ showers.
23	·95	·69	35·0	42·0	28·0	42 0	3·0	0·7	·148	·252	72	94	NNW 7	WNW 3	10	10	·100	Ψ
24	·55	·29	43·0	44·0	40·6	46·0	1·0	1·4	·255	·257	92	89	WNW 6	W 6	10	2	·200	Ψ
25	·27	·23	37·6	36·5	35·0	45·4	2·1	3·5	·186	·153	82	71	NNW 1	N 3	10	8	—	
26	·53	·84	34·6	32·0	30·0	37·8	2·8	1·0	·147	·157	74	87	NNW 8	NW 1	8	0	·050	✱ showers. <
27	·60	·43	40·0	48·5	31·0	48·8	0·7	0·0	·232	·342	94	100	SW 5	W 6	10	10	·250	●².
28	·55	·37	46·0	50·4	44·0	50·8	0·5	1·4	·299	·330	97	90	WSW 2	W 9	10	10	1·120	⁄ ●².
29	·20	·21	49·5	43·7	42·5	50·8	0·9	1·7	·331	·247	93	86	SW 6	W 6	10	5	·270	
30	29·30	29·64	35·0	28·2	26·4	44·8	1·0	2·7	·184	·085	90	56	NW 7	N 5	9	3	·040	▲ showers.
Mean	29·727	29·723	39·5	39·6	34·9	43·6	1·9	1·9	·209	·209	84·7	83·3	4·3	4·7	7·7	6·9	6·110	

Dunrobin Castle.—November 1893.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56′ W. Lat. 57° 59′ N. Gravity Correction, + ·034 in.

Day.	Bar. 9 a.m.	Bar. 9 p.m.	Air 9 a.m.	Air 9 p.m.	Min.	Max.	Dep. 9 a.m.	Dep. 9 p.m.	V.T. 9 a.m.	V.T. 9 p.m.	% 9 a.m.	% 9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	Cloud 9 p.m.	Rain 9 a.m.	Remarks.
1	29·38	29·38	39·4	39·9	34·7	40·3	3·9	1·2	·170	·222	71	91	NW	NW	—	—	·210	Cold, with ● showers.
2	·37	·61	37·9	36·3	33·5	44·0	1·6	1·5	·197	·186	87	87	NW	N	—	—	·180	Cold, with ● showers.
3	·66	·65	38·4	38·4	34·5	42·7	1·6	2·1	·200	·191	87	83	NW	NW	—	—	·050	Fair, but cold.
4	·90	29·87	35·8	35·3	32·5	39·5	3·4	4·0	·149	·136	70	65	NW	NW	—	—	·460	Cold, with ●.
5	29·72	30·12	34·5	35·4	33·7	39·7	0·7	1·9	·186	·171	93	83	NE	NE	—	—	·190	Fine and clear.
6	30·27	·43	35·3	37·9	30·7	39·0	1·5	2·6	·178	·179	86	78	NE	NE	—	—	—	✱ ● (sleet) ✱ showers.
7	·51	·47	38·4	38·4	36·5	40·7	3·1	2·1	·174	·191	75	83	NW	W	—	—	·060	Dull *a*. Fair *p*.
8	·46	·57	42·4	40·4	35·7	44·5	1·4	2·7	·241	·198	89	80	NW	W	—	—	—	Dull *a*. Fine *p*.
9	·56	·56	39·9	41·6	38·7	44·5	0·9	4·1	·227	·185	93	72	W	W	—	—	—	Fine, but cold.
10	·55	·51	41·4	46·4	38·0	47·5	2·4	2·7	·212	·255	82	82	NW	NW	—	—	—	Fine, but cold.
11	·56	·58	45·4	43·9	42·7	47·0	1·7	2·2	·264	·240	88	84	W	W	—	—	—	Fine and calm.
12	·51	30·40	40·9	37·1	34·7	45·1	2·2	2·8	·211	·169	84	76	NW	W	—	—	—	Dull and calm.
13	30·24	29·98	33·5	31·3	29·0	37·5	1·2	1·5	·167	·140	87	79	NW	W	—	—	—	Dull and calm.
14	29·85	·79	30·3	39·2	26·7	40·5	0·5	1·9	·156	·203	93	84	NE	N	—	—	—	Clear *a*. ⊔. Dull *p*.
15	·91	·91	39·9	35·8	33·7	53·0	1·4	2·5	·218	·164	89	78	NE	NE	—	—	—	Dull and milder.
16	29·75	29·32	43·9	44·6	33·5	46·0	4·2	1·6	·202	·258	71	88	SW	SW	—	—	·720	Dull and milder. ● *p*.
17	28·71	28·98	44·4	35·2	34·7	45·1	0·7	0·9	·276	·188	95	91	SW	NE	—	—	1·630	●². ⁄ (gale) at night.
18	29·70	29·91	33·3	31·3	28·0	37·5	3·0	1·2	·133	·147	70	83	NE	N	—	—	·070	⁄ (gale), great damage to woods.
19	30·17	30·37	33·3	35·3	28·5	35·5	1·5	2·8	·160	·154	84	74	NE	NE	—	—	—	✱ showers.
20	·46	·52	35·3	35·3	33·3	35·5	1·8	2·2	·174	·164	83	79	NW	NE	—	—	—	Dull day.
21	30·46	·09	40·4	42·2	34·6	44·5	1·4	2·7	·222	·214	89	81	NE	W	—	—	·360	Clear *p*.
22	29·98	30·12	36·3	30·3	29·3	43·5	1·5	1·8	·186	·125	87	73	NE	NE	—	—	·070	✱ showers *p*.
23	30·22	29·98	32·8	44·4	29·0	44·5	2·5	0·7	·137	·276	73	95	NW	W	—	—	·110	Clear and frosty *a*. Mild *p*.
24	29·84	·56	44·9	45·4	28·5	46·7	0·9	2·7	·276	·244	93	81	W	W	—	—	·260	Mild, with ● showers.
25	·45	29·37	38·4	37·9	24·7	46·5	1·6	2·6	·200	·179	87	78	NE	E	—	—	·270	Dull, with ● showers.
26	·83	30·06	33·3	30·3	30·3	38·5	2·5	1·2	·140	·139	74	81	NE	NE	—	—	—	✱ showers.
27	·87	29·72	39·9	54·4	29·0	54·5	2·2	3·4	·203	·330	83	78	NW	SW	—	—	·060	Dull and frosty.
28	·75	·64	52·9	52·6	50·7	54·5	2·2	4·1	·341	·293	86	74	SW	W	—	—	·180	Fine and mild.
29	·50	·52	53·6	43·8	41·3	53·7	3·6	1·3	·315	·257	76	90	W	W	—	—	·200	Fine and mild.
30	29·57	29·83	37·9	28·3	28·0	44·3	2·8	1·2	·176	·120	77	78	NE	NE	—	—	·070	Clear and cold.
Mean	29·956	29·960	39·1	39·0	33·3	43·9	2·0	2·2	·203	·197	83·4	81·0	—	—	—	—	5·150	

BRAEMAR.—NOVEMBER 1893.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches.
Long. 3° 24′ W. Lat. 57° 0′ N. Gravity Correction, + ·030 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	28·25	28·26	38·5	36·4	33·2	41·4	1·1	2·7	·211	·166	91	78	SW 1	SW 4	10	1	·020	Fair, but cold.
2	·24	·45	36·4	35·3	31·5	40·0	1·7	2·6	·184	·157	85	76	SW 1	SW 0·5	7	6	—	Fair, but cold.
3	·48	·39	36·9	34·1	32·7	38·1	1·4	1·1	·193	·175	89	88	SW 0·5	SW 0·5	9	10	·330	Dull, with ✳ ▲.
4	·70	·75	31·3	30·7	28·7	35·2	1·4	1·0	·143	·146	81	85	SW 0·5	SW 0·5	7	4	·120	Fine and frosty.
5	·48	28·75	32·7	30·7	30·0	34·8	1·0	0·5	·165	·158	88	92	NW 0·5	N 4	8	10	·510	✳ ✢
6	28·97	29·15	31·7	33·9	30·0	35·8	1·0	0·2	·155	·191	87	99	NE 0·5	N 2	2	9	·040	✳ showers.
7	29·21	·23	33·9	34·5	31·3	36·3	1·2	1·8	·171	·164	87	82	N 2	N 0·5	6	8	—	
8	·19	·28	32·7	36·5	32·7	37·0	2·7	1·2	·131	·193	71	90	NE 0·5	NE 0·5	6	8	·030	● 0 shower p.
9	·29	·30	36·7	36·0	33·2	38·7	1·8	1·2	·184	·196	85	90	NE 0·5	NE 1	8	9	—	Dull and damp.
10	·28	·27	34·8	36·5	34·8	39·0	2·1	0·8	·161	·200	80	93	NE 0·5	NE 0·5	6	10	·010	Dull and damp.
11	·30	·30	38·3	37·9	35·2	40·9	1·4	0·7	·203	·213	88	94	NE 0·5	NE 0·5	9	10	·010	Dull and damp.
12	·26	29·17	33·9	36·5	32·4	38·3	1·2	2·1	·171	·177	87	82	E 0·5	SW 0·5	10	10	—	Dull and damp.
13	29·02	28·82	32·0	34·1	31·3	40·4	0·6	0·3	·167	·191	92	97	SW 0·5	SW 0·5	3	4	—	Fine day.
14	28·65	·63	34·4	28·4	27·7	39·3	0·7	0·7	·185	·135	93	87	SW 0·5	SW 0·5	8	4	·010	Fine day.
15	·69	·75	33·7	38·7	26·7	39·8	0·7	2·0	·180	·197	92	85	SW 0·5	SW 0·5	10	8	·030	Dull and damp.
16	28·58	28·17	37·5	39·8	36·2	40·6	2·5	2·1	·177	·204	79	84	SW 0·5	S 2	8	9	·500	Dull and damp.
17	27·51	27·65	44·7	35·7	35·0	46·0	1·0	1·0	·273	·192	93	91	SE 0·5	N 12	9	10	·340	2 (violent hurricane) from 7p.
18	28·40	28·59	26·7	24·2	22·8	38·0	0·5	0·5	·128	·113	89	88	N 10	N 4	8	9	·200	✳ ✢ [Great damage done to trees.
19	28·81	29·05	26·1	30·2	22·8	31·3	1·4	0·5	·097	·155	69	92	N 6	N 2	10	8	·030	✳ ● (sleet) ✳.
20	29·19	29·29	31·4	27·7	26·9	33·2	0·7	0·0	·160	·151	90	100	N 0·5	N 0·5	8	8	—	
21	29·27	28·92	20·4	38·2	19·7	39·0	0·3	1·5	·100	·201	91	88	NE 0·5	SW 2	3	8	·080	Clear and frosty a.
22	28·72	·87	31·7	24·7	24·0	39·8	0·7	0·7	·162	·109	91	82	NW 4	NW 8	10	0	·170	✳ ✢
23	29·08	·80	27·9	40·9	23·3	42·4	1·6	3·2	·106	·194	71	77	NW 4	W 1	7	8	·410	Dull day.
24	28·68	·46	39·8	43·9	37·7	44·8	1·8	1·2	·209	·260	86	91	SW 2	NW 2	7	7	·130	Dull day.
25	·33	·18	41·5	37·0	36·7	45·6	1·6	0·6	·229	·208	88	95	NW 2	NE 2	6	10	—	Dull and mild.
26	·55	·84	27·7	24·1	23·2	37·8	0·5	1·4	·135	·083	90	65	NW 6	SW 0·5	10	0	·030	✳ showers.
27	·85	·60	37·2	49·0	18·7	49·5	0·5	2·1	·212	·296	95	85	SW 0·5	SW 4	6	4	·020	Dull day.
28	·65	·59	48·9	52·7	46·3	53·8	1·2	3·4	·317	·310	92	78	W 1	SW 4	8	10	—	Fair and mild.
29	·41	·36	48·7	44·4	43·2	54·2	2·8	1·9	·277	·251	81	86	SW 8	SW 4	7	8	—	Fair and mild. Gusty ✓.
30	28·43	28·62	34·7	23·7	22·0	44·9	2·0	0·7	·162	·103	80	81	SW 2	SW 0·5	6	2	·030	✳
Mean	28·749	28·749	34·8	35·2	30·3	40·5	1·3	1·3	·178	·183	86·0	86·7	1·9	2·2	7·4	7·1	3·050	

LAUDALE.—NOVEMBER 1893.

Height above Mean Sea Level, 14 feet. Heights above Ground:—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 41′ W. Lat. 56° 41′ N. Gravity Correction, + ·031 in.

1	29·42	29·46	42·1	43·4	37·9	48·1	1·1	3·0	·244	·219	91	77	NW 3	NNE 3	6	1	·150	▲ ● showers p.
2	·44	·65	45·1	39·1	35·9	46·2	1·0	1·2	·276	·215	92	90	NNW 2	Calm 0	9	5	·100	▲ ● showers p.
3	·63	29·57	40·7	40·4	37·9	42·4	1·1	1·8	·231	·214	91	86	NW 1	NW 1	10	10	·220	
4	·96	30·02	36·1	34·3	32·2	42·6	1·4	1·5	·187	·168	87	85	N 1	Calm 0	2	2	·310	Clear and frosty.
5	29·71	·08	35·1	32·1	30·1	41·9	0·7	1·5	·191	·148	93	81	N 1	Calm 0	7	0	—	✳ and ✳ ● (sleet) a. Clear p.
6	30·21	·39	29·1	31·6	25·9	46·2	1·0	0·5	·131	·166	83	93	N 1	Calm 0	0	1	—	Clear and calm.
7	·48	·51	34·4	36·1	29·9	40·3	1·1	1·7	·177	·181	88	85	Calm 0	Calm 0	7	10	—	Cloudy most of day.
8	·48	·51	38·8	35·1	34·1	42·9	1·4	1·0	·209	·185	89	90	Calm 0	Calm 0	7	0	—	Cloudy during day.
9	·51	·52	37·1	36·1	31·3	42·4	2·0	2·0	·183	·176	83	82	ENE 2	Calm 0	0	3	—	Day bright and clear.
10	·53	·52	34·1	35·7	31·7	41·8	1·0	1·3	·177	·186	89	88	Calm 0	Calm 0	0	0	—	Bright and clear all day.
11	·50	·48	38·5	42·1	32·0	42·5	0·9	1·7	·215	·232	92	87	Calm 0	Calm 0	3	10	—	
12	·46	30·36	43·6	42·7	38·7	43·7	2·5	2·6	·230	·220	81	81	Calm 0	Calm 0	10	10	—	Dull and overcast.
13	30·17	29·99	36·1	34·0	31·2	43·5	1·0	1·9	·194	·158	91	80	ENE 2	Calm 0	0	0	—	Clear and frosty.
14	29·84	·82	33·1	34·8	29·7	39·5	1·0	1·0	·168	·182	89	91	Calm 0	Calm 0	5	3	—	Much cir-s. cloud.
15	·87	·89	33·1	42·1	30·7	43·1	1·0	2·0	·168	·226	89	85	ENE 1	SSE 2	2	6	—	Wind changed to S. noon.
16	29·68	·22	44·1	47·0	38·7	47·7	4·0	1·9	·206	·277	71	87	S 8	SE 8	10	10	·870	✓ (gale) all day. Very threatening
17	28·68	·08	43·1	40·0	38·7	48·9	2·7	1·9	·222	·209	79	85	NW 5	N 9	10	10	·170	✓ ● 2 a. ✓ 2 ● p. [appearance.
18	29·69	29·86	36·7	34·1	31·9	42·4	1·6	1·0	·187	·177	86	89	N 8	NE 5	6	6	·010	✳ 0 showers. ✓
19	30·11	30·31	34·5	36·1	31·7	36·9	0·0	0·4	·200	·192	100	90	ENE 2	NE 3	6	4	—	Cold, with ✓.
20	·43	·52	38·1	30·8	28·8	38·9	4·0	0·7	·158	·155	68	90	ENE 2	Calm 0	10	1	—	Clear and frosty.
21	·54	·32	32·1	45·4	27·8	45·7	1·0	1·3	·159	·273	87	91	NE 1	WNW 7	10	10	·400	Cold and cloudy a. ✓ ● at night.
22	·09	·23	36·5	32·3	30·9	46·9	1·4	0·6	·189	·171	88	93	N 6	NE 7	10	10	·070	✓ ✳ 2 showers.
23	30·27	30·09	38·1	47·8	30·4	47·9	3·0	1·7	·174	·291	75	88	NE 4	NW 4	7	10	·360	✳ a. (2 ins. deep 9a.). ● in evening.
24	29·98	29·75	45·1	48·7	37·4	51·9	1·4	3·2	·267	·268	89	79	NW 3	NW 3	10	7	1·200	✳ 0 (mist) a. ✓ ● a.
25	·39	29·30	46·5	47·8	43·3	52·9	1·0	0·7	·293	·314	93	95	W 7	W 2	10	10	·100	✓ ● 2 0 (mist).
26	·83	30·07	38·1	37·1	34·5	48·0	4·3	1·2	·153	·197	66	89	N 5	Calm 0	6	10	·030	
27	·98	29·87	48·3	51·7	31·1	55·9	0·8	1·7	·319	·339	95	88	W 3	W 10	10	10	·610	[● 2 from 11a. Very warm, with 0 (mist) a. ✓ 2
28	·89	·87	54·1	54·1	51·4	55·9	0·8	2·0	·396	·362	94	86	W 6	W 8	10	10	·080	● most of day. ✓ ● 2 from 8p.
29	·70	·59	52·6	48·0	46·7	56·8	2·5	2·7	·330	·270	83	81	W 7	W 6	10	10	·320	✓ ● showers a. ✓ 2 p.
30	29·68	29·79	40·8	33·3	31·3	48·0	4·3	1·3	·175	·164	69	86	W 2	Calm 0	10	8	·120	Day clear and fine. ✳ at night.
Mean	29·971	29·987	39·5	39·8	34·1	45·5	1·7	1·6	·214	·218	85·7	86·6	2·8	2·6	6·8	6·2	5·120	

DUNDEE.—NOVEMBER 1893.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 9 inches. Rain-gauge, 1 foot.
Long. 2° 56′ W. Lat. 56° 28′ N. Gravity Correction, + ·030 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·27	29·30	43·7	38·8	36·5	47·1	2·9	1·3	·223	·211	78	90	W 4	W 4	10	7	—	Cloudy day.
2	·26	·49	39·1	39·2	33·8	45·3	1·4	2·7	·211	·188	89	79	NW 4	W 1	7	7	·020	Fine day.
3	·53	·36	39·4	35·9	35·4	45·5	0·4	0·2	·233	·207	97	98	SW 1	NE 2	10	10	·480	● from 7a.
4	·76	·80	34·6	34·3	32·2	39·9	1·6	2·3	·169	·154	84	77	NW 2	NW 2	0	5	·060	Fine day. ● at night.
5	29·51	29·79	36·1	34·6	33·1	39·7	1·3	1·0	·188	·181	88	91	NW 1	NW 6	5	5	·050	● showers n. and during day.
6	30·04	30·19	36·3	35·9	30·3	43·6	3·2	1·6	·157	·182	73	86	NW 6	NW 4	0	0	—	
7	·27	·29	38·2	37·1	33·3	40·2	1·8	3·2	·195	·162	85	73	N 6	NW 1	5	10	—	Dull day.
8	·27	·32	38·9	37·0	34·5	40·0	1·9	0·5	·200	·210	85	96	NW 2	NE 2	5	10	—	Cloudy day.
9	·35	·35	39·8	41·9	34·4	42·7	1·2	2·3	·221	·220	91	84	NE 2	NE 2	10	10	—	Dull day.
10	·34	·33	39·8	41·1	38·4	44·3	1·3	0·6	·219	·245	90	95	NE 1	NE 1	10	10	—	Dull day.
11	·35	·37	37·1	42·8	32·2	45·6	0·3	0·6	·215	·261	97	96	SW 1	NE 2	10	10	—	Dull day.
12	30·32	30·23	42·4	42·1	40·9	44·9	1·4	1·4	·241	·238	89	89	E 1	SE 1	10	10	—	Dull day.
13	29·98	29·84	38·6	42·2	35·9	45·3	0·5	0·1	·224	·267	96	99	SW 1	SE 1	7	10	—	Dull day.
14	·66	·65	40·9	35·6	35·0	43·8	0·9	1·1	·236	·189	93	90	S 1	NW 1	10	10	—	Dull day.
15	·72	·78	40·3	38·1	32·2	44·8	0·8	0·5	·234	·219	94	95	NE 1	NE 1	10	10	—	Dull day. 0 from 3p.
16	29·65	29·22	40·9	43·6	36·7	43·7	2·1	1·5	·213	·250	84	88	SW 2	SE 6	10	10	·320	Dull day.
17	28·45	28·67	47·7	42·6	40·9	48·8	0·2	3·1	·326	·210	99	78	SE 10	NW 6	10	10	·170	✓ (gale) till 10a. ● n. and during [day.
18	29·31	29·65	34·7	29·1	28·0	44·5	2·2	0·6	·159	·143	78	89	NE 12	N 8	10	10	·010	✓ (gale) n. and till 5p. ✳ 0 showers.
19	29·80	30·07	31·1	34·7	29·9	35·2	0·6	1·6	·160	·170	91	84	NE 10	NE 2	0	10	—	✓ (gale) till 2p. ✳ showers.
20	30·23	30·35	35·1	32·6	32·1	37·4	1·4	0·9	·177	·167	86	89	NE 2	NE 1	5	10	—	Dull day.
21	30·55	29·99	31·6	41·9	28·0	42·3	0·8	2·5	·159	·216	89	82	W 1	W 6	7	7	·050	∞
22	29·65	·88	37·0	32·1	30·3	42·5	2·6	2·5	·172	·128	78	70	NW 6	N 10	7	7	·040	✳ 10.30a. ✓ (gale) from 5p.
23	30·02	·84	33·5	38·2	27·0	38·7	0·2	1·4	·188	·202	97	88	NW 8	W 1	5	10	—	✳ n. ✓ (gale) n. and till 9.30a.
24	29·77	·49	40·9	44·1	37·4	46·0	1·3	1·5	·229	·256	90	88	W 1	W 2	10	7	·050	Dull, with ∞.
25	·31	·14	45·8	42·6	41·4	47·9	1·8	0·2	·267	·269	87	98	W 6	W 2	10	10	—	Dull day.
26	·56	·92	35·4	30·2	29·2	43·3	2·9	0·5	·154	·155	74	92	N 6	NW 4	5	5	—	✓ 10a.—3p.
27	·88	·66	35·2	48·6	27·2	49·7	0·7	1·1	·192	·315	93	93	W 1	W 2	10	10	—	Dull, with ∞.
28	·70	·67	51·8	51·8	48·6	53·9	1·5	1·8	·346	·338	89	87	W 2	W 6	5	10	—	Dull till 1p. ✓ from 1p.
29	·54	·36	50·8	50·1	46·0	52·7	1·4	1·3	·336	·328	90	91	W 10	W 10	10	10	—	✓ 2 n. and during day.
30	29·49	29·62	40·8	28·9	28·4	51·2	2·8	0·9	·199	·132	78	84	NW 1	NE 1	10	10	—	Dull day.
Mean	29·777	29·787	39·3	38·9	34·2	44·4	1·4	1·4	·215	·214	87·7	88·0	3·7	3·3	7·4	8·7	1·250	

GLASGOW.—NOVEMBER 1893.

Height above Mean Sea Level, 180 feet. Heights above Ground:—Bar., 4 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 4° 18′ W. Lat. 55° 53′ N. Gravity Correction, + ·029 in.

1	29·31	29·36	43·6	37·7	35·7	46·5	1·8	1·0	·245	·207	86	91	SW 2	SW 1	10	4	·104	✳ ● (sleet) ● a. ● showers.
2	·50	·52	40·9	40·1	36·8	46·4	1·7	2·1	·220	·206	87	83	Calm 0	W 2	10	5	·150	● 0 showers a. Fine p.
3	·47	·31	41·1	40·0	39·3	42·4	0·3	0·2	·252	·243	97	98	NE 1	NE 1	10	10	1·698	Overcast, with ● 2.
4	·79	·84	35·0	31·8	31·7	42·3	2·1	1·9	·162	·137	80	76	SW 1	W 1	0	0	·140	Fine and clear.
5	29·55	29·83	37·5	36·0	30·8	42·1	2·5	4·2	·177	·139	79	65	NW 2	NW 3	0	2	—	● 2 shower a. Fine and clear.
6	30·06	30·18	35·3	36·8	32·7	42·8	4·0	4·3	·136	·144	65	66	N 1	N 1	0	0	—	Fine and clear.
7	·28	·30	36·1	35·2	31·9	41·9	2·8	2·5	·162	·158	75	77	NE 1	NW 1	3	9	—	Cloudy day. ∞ 0 in evening.
8	·28	·31	38·5	38·8	33·9	46·9	2·9	2·2	·178	·194	77	83	N 1	NE 1	3	0	—	Fine and clear.
9	·34	·31	38·6	42·5	35·1	43·8	2·7	2·7	·183	·216	79	80	N 1	E 1	8	10	—	
10	·31	·30	41·0	42·6	39·3	43·0	3·4	2·8	·190	·215	74	80	NE 2	NE 1	8	10	—	Dull and overcast.
11	·34	·31	37·1	44·1	34·9	46·2	0·9	1·7	·203	·251	92	86	NE 1	E 2	8	10	—	0 (mist) a.
12	·29	30·18	42·8	43·0	41·7	44·5	2·2	2·7	·229	·221	83	80	NE 1	E 1	10	10	—	Dull and overcast.
13	30·01	29·79	37·9	38·9	35·4	43·9	1·3	0·6	·203	·225	89	95	NE 1	SE 1	0	0	—	Fine and clear. ∞ in evening.
14	29·65	·63	33·8	36·1	32·9	41·2	0·1	2·3	·192	·171	99	79	Calm 0	N 1	10	10	—	2 a. Cloudy p.
15	·72	·76	34·2	39·7	30·1	41·1	1·1	2·4	·176	·198	88	80	N 1	E 1	10	10	—	0 (mist) a. p.
16	29·59	29·07	42·2	46·1	39·3	46·7	4·2	3·9	·188	·228	71	73	E 2	E 3	10	10	·568	Dull and overcast. ● 2 shower p.
17	28·33	28·74	49·7	43·3	40·7	51·4	0·8	5·5	·336	·175	94	62	SW 1	N 4	10	10	·010	● 2 a. Overcast. Squally ✓ (gale) p
18	29·44	29·72	34·8	31·0	30·9	43·4	4·8	2·9	·119	·109	59	63	N 4	N 2	9	6	—	Cloudy, with squally ✓ (gale).
19	29·87	30·07	33·3	36·1	29·9	36·8	1·6	1·1	·158	·192	83	90	NW 2	N 3	2	9	—	Fine day.
20	30·22	·34	36·5	34·4	34·2	40·1	3·7	2·6	·151	·149	69	75	N 1	N 1	3	0	—	Fine day.
21	30·36	30·08	27·5	43·2	26·9	43·4	0·6	2·9	·132	·219	88	79	Calm 0	W 3	2	9	·020	0 (mist) a.
22	29·81	29·94	37·7	33·6	32·9	44·5	3·8	4·4	·158	·112	70	58	W 1	N 3	0	4	—	
23	30·07	·86	35·1	43·2	29·8	43·2	3·7	1·6	·138	·245	67	88	NW 1	W 1	7	8	—	Fine day.
24	29·80	·57	44·8	47·0	42·7	47·7	2·8	1·2	·235	·293	79	92	W 2	W 2	10	10	·255	● in afternoon.
25	·31	·10	46·4	43·7	43·7	51·0	0·7	1·0	·299	·262	95	92	SW 2	W 1	10	3	·013	● 2 a.
26	·61	·04	36·3	36·1	35·0	44·4	4·3	4·0	·140	·143	64	66	N 2	SE 1	3	10	·018	● 0 shower a. Fine and clear. ∞ 0 p.
27	·87	·74	42·8	50·7	33·0	50·8	1·0	0·8	·254	·350	92	94	SW 1	SW 4	10	10	·450	Dull and overcast a. Squally ● 2 p.
28	·80	·74	51·0	53·5	50·1	54·0	0·8	2·3	·353	·345	94	84	SW 1	SW 6	10	10	—	Overcast. Squally ✓ p.
29	·60	·43	51·0	48·8	48·8	53·7	3·1	1·0	·297	·321	79	93	SW 3	SW 2	10	10	·005	Overcast. ✓ (gale). ● 0 shower p.
30	29·53	29·62	41·7	34·1	34·1	49·0	3·8	2·4	·191	·149	73	76	W 1	Calm 0	10	3	—	Overcast a. ∞ 0 p.
Mean	29·797	29·796	39·5	40·3	35·8	45·2	2·3	2·4	·202	·207	80·9	80·1	1·3	1·8	6·6	6·7	3·431	

WOLFELEE.—NOVEMBER 1893.

Height above Mean Sea Level, 587 feet. Heights above Ground:—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 6 inches.
Long. 2° 39′ W. Lat. 55° 23′ N. Gravity Correction, + ·025 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	28·91	28·93	43·5	36·0	30·5	44·0	1·0	0·5	·260	·203	92	96	WNW 6	W 3	—	—	·300	Dull, with ● showers.
2	28·88	29·05	37·2	36·0	34·0	44·0	0·4	0·0	·214	·212	96	100	SW 0·5	SW 0·5	—	—	·030	Fine and clear.
3	29·06	28·88	41·0	43·5	35·5	54·0	0·0	0·5	·257	·271	100	96	SW 0·5	SW 4	—	—	·320	Dull, with ● showers *a*. Blowy *p*.
4	·32	29·35	30·6	33·5	27·5	49·8	0·1	0·5	·165	·182	99	94	SW 0·5	SW 2	—	—	·020	Fine and clear *a*. Dull *p*.
5	·05	·31	37·5	32·0	27·0	41·5	2·0	0·5	·186	·170	83	93	NW 0·5	NW 0·5	—	—	·660	● showers *a*. Fine and clear *p*.
6	·55	·67	32·0	32·5	29·0	35·5	0·5	0·5	·170	·174	93	94	W 0·5	NW 0·5	—	—	·170	✳ *a*. (6 ins. deep).
7	·74	·78	34·5	36·0	32·0	38·0	0·0	0·5	·200	·203	100	96	NE 0·5	N 0·5	—	—	·200	✳ ● (sleet) ● showers *a*. Dull *p*.
8	·76	·80	34·5	37·0	34·0	44·0	0·0	0·0	·200	·220	100	100	NNW 0·5	N 0·5	—	—	·110	Dull *a*. ● showers *p*.
9	·82	·79	38·0	40·0	36·5	42·0	0·2	0·0	·224	·247	98	100	N 0·5	N 0·5	—	—	·060	Dull *a*. ●⁰ *p*.
10	·79	·79	39·0	42·0	39·0	44·0	0·2	0·0	·234	·267	98	100	NE 0·5	NE 0·5	—	—	—	
11	·83	·84	41·0	43·5	41·0	45·0	0·0	0·5	·257	·271	100	96	NE 0·5	NE 0·5	—	—	—	Dull day.
12	·81	·69	43·5	41·5	39·0	45·0	0·5	0·5	·271	·251	96	96	NE 0·5	NE 0·5	—	—	—	Dull, then fine.
13	·55	·34	42·5	38·0	36·5	45·5	1·5	0·2	·239	·224	88	98	NE 0·5	NE 0·5	—	—	—	
14	·17	·15	38·0	38·0	35·5	45·0	1·0	0·0	·208	·228	91	100	SE 0·5	NE 0·5	—	—	·040	
15	·24	29·34	36·5	39·0	33·0	46·0	0·0	0·0	·216	·238	100	100	E 0·5	SE 0·5	—	—	—	Fine day.
16	29·15	28·67	41·0	40·0	37·5	48·0	2·5	0·0	·206	·247	81	100	SW 6	SW 8	—	—	·200	Fine *a*. ✓ *p*.
17	28·02	28·29	50·0	37·0	37·0	51·5	0·0	0·5	·361	·210	100	96	W 8	W 9	—	—	·250	● *a*. ✓² *p*. Fine and clear *p*.
18	28·76	29·11	34·0	28·0	28·0	45·0	1·0	0·0	·176	·153	89	100	NNE 10	NE 8	—	—	·040	✓² ✳ ● (sleet).
19	29·27	·46	31·5	33·0	28·0	35·5	0·0	0·0	·178	·188	100	100	NE 6	NE 4	—	—	·160	Cold and blowy *a*. Cloudy *p*.
20	·67	·81	35·0	35·0	31·5	37·0	0·0	0·0	·204	·204	100	100	N 0·5	NE 2	—	—	·230	✳ *a*.
21	·86	·64	35·5	38·0	33·0	40·0	0·0	0·0	·208	·228	100	100	SE 0·5	W 2	—	—	·090	
22	·30	·41	37·5	30·0	29·5	41·8	2·0	0·5	·186	·153	83	92	NW 3	NW 4	—	—	·040	Fine and clear.
23	·53	·41	29·5	38·0	27·5	38·8	0·5	1·0	·150	·208	92	91	NE 0·5	W 2	—	—	—	✳ *n*. (1½ in. deep). Clear and frosty *a*. Dull *p*.
24	29·34	29·65	43·0	45·5	36·5	45·8	1·5	0·0	·245	·299	88	100	WNW 2	W 4	—	—	·030	Dull and mild. Blowy *p*.
25	28·81	28·55	45·0	44·0	43·5	49·8	0·4	1·0	·289	·265	97	92	WSW 5	SW 2	—	—	·020	Dull and blowy *a*. Fine *p*.
26	29·06	29·43	35·5	28·0	26·8	45·0	0·7	2·0	·195	·097	94	64	N 4	N 0·5	—	—	—	Cold and blowy *a*. Fine and frosty *p*.
27	·46	·31	37·0	49·5	24·0	49·8	1·0	1·0	·200	·328	91	93	SW 0·5	W 6	—	—	—	Fine day. Blowy *p*.
28	·36	·37	52·8	51·0	49·0	54·0	1·2	0·0	·366	·374	91	100	W 4	W 6	—	—	—	Dull *a*. Blowy *p*.
29	·23	·05	48·9	48·4	48·0	52·2	1·4	0·6	·312	·326	91	96	W 4	W 1	—	—	—	Dull day.
30	29·08	29·14	42·8	32·5	32·0	49·0	1·2	0·0	·249	·185	91	100	WSW 0·5	W 0·5	—	—	—	Fine and mild.
Mean	29·313	29·313	38·9	38·2	34·1	44·9	0·7	0·4	·228	·228	94·1	96·1	2·3	2·5	—	—	2·970	

SCARBOROUGH.—NOVEMBER 1893.

Height above Mean Sea Level, 159 feet. Heights above Ground:—Bar., 1 foot. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 23′ W. Lat. 54° 17′ N. Gravity Correction, + ·025 in.

1	29·50	29·41	37·6	38·6	35·4	49·2	2·4	0·7	·180	·220	80	94	NW 2	NW 2	10	8	·080	● all day.
2	·38	·57	42·3	46·2	38·6	48·6	0·3	1·5	·264	·278	98	90	W 3	NW 3	6	0	·030	● *a*. then fine.
3	·61	·43	43·6	44·4	38·1	54·2	1·6	1·8	·248	·252	87	86	Calm 0	NW 6	10	10	·210	Dull, with ● all day.
4	·70	·84	45·0	38·7	27·5	47·2	3·4	2·4	·226	·188	76	81	N 2	N 2	8	0	—	Dull, then fine.
5	·58	29·57	34·1	40·7	28·4	49·6	1·1	1·5	·174	·223	88	88	NNW 3	NW 6	4	10	·270	▲ ● showers.
6	29·88	30·03	45·0	42·4	38·6	46·0	2·2	2·3	·250	·223	84	83	NE 4	NW 6	6	10	·160	▲ ●
7	30·14	·19	42·3	43·2	40·3	45·8	1·6	1·6	·236	·244	88	87	N 2	N 2	3	6	·030	▲ ●
8	·17	·19	42·4	42·1	40·6	47·4	0·4	0·3	·263	·262	97	97	NW 1	NW 1	10	10	·140	● showers.
9	·22	·20	45·6	43·6	41·2	46·4	2·4	1·6	·252	·248	82	87	NE 3	NE 2	10	0	—	Dull *a*., then bright.
10	·22	·14	44·2	43·7	42·2	48·5	1·8	0·6	·250	·271	86	95	NE 2	N 2	10	10	·020	Dull all day.
11	·24	·27	48·2	45·9	43·0	48·6	1·0	0·9	·312	·288	93	94	NE 2	Calm 0	10	10	·080	●⁰ all day.
12	·27	30·20	45·2	45·1	41·3	47·2	0·2	1·3	·297	·270	99	90	NE 2	NE 2	4	4	·010	Dull, with ●⁰ showers.
13	30·04	29·83	46·4	41·4	40·8	49·3	0·5	0·8	·304	·243	96	94	SE 2	SE 2	0	0	—	Dull *a*., then bright.
14	29·65	·65	39·7	45·6	37·2	45·6	2·1	1·4	·203	·273	83	90	NW 2	NE 2	10	10	—	Dull at times.
15	·62	·80	46·1	45·3	40·5	47·4	2·4	0·7	·257	·286	83	95	E 2	NE 2	10	3	·030	Dull most of day.
16	29·72	29·16	44·0	49·2	41·2	51·6	1·9	2·1	·245	·297	85	86	E 3	SE 3	10	10	·050	Squally.
17	28·71	28·74	54·6	48·7	40·9	55·9	1·8	0·6	·374	·329	88	96	SE 8	SE 6	8	10	·520	Squally all day.
18	28·90	29·31	46·7	42·6	34·6	49·8	0·9	2·2	·298	·226	94	84	NE 12	NE 12	10	10	·670	▲ ● ✓² (hurricane) all day.
19	29·38	29·81	40·6	41·4	38·4	47·2	2·2	1·7	·208	·225	83	87	NE 10	NE 10	10	10	·160	▲ ✓² (gale).
20	29·95	30·25	41·6	40·7	39·2	43·6	4·4	4·2	·179	·174	69	69	NE 8	NE 6	6	0	—	▲ 9*a*. ✓ (gale) all day.
21	30·29	30·10	44·0	40·6	33·8	46·2	0·8	2·4	·270	·204	94	81	N 2	N 1	10	0	—	Dull, then fine.
22	29·73	29·74	42·5	36·4	30·2	44·7	3·4	1·6	·204	·184	75	86	W 3	NE 2	8	6	·100	✳ ● (sleet) ▲ ✳
23	·85	·84	37·8	36·4	32·0	40·6	1·0	2·3	·207	·172	91	80	N 1	NW 3	10	8	·480	✳ showers.
24	·81	·72	43·8	41·9	35·8	45·3	1·7	1·3	·248	·237	87	90	W 2	NW 4	6	0	·120	Day bright. ● at night.
25	·45	·15	45·7	43·4	39·8	48·6	0·5	0·7	·295	·266	96	95	NW 3	NW 1	10	10	·380	● all day.
26	29·39	·88	41·2	40·0	36·7	44·5	0·6	0·9	·244	·228	95	93	NW 2	NNW 2-8	6	10	·100	✳ ● (sleet) ● ✓ (gale).
27	30·01	·81	35·8	45·4	29·0	48·6	1·2	1·2	·186	·275	89	91	W 3	W 4	3	6	·020	Gusty, with ●⁰ showers.
28	29·88	·83	51·0	48·4	44·6	54·8	0·8	1·7	·353	·298	94	88	SW 4	W 6	6	6	—	Gusty all day.
29	·76	·65	51·2	48·6	42·3	52·4	2·6	1·9	·309	·296	83	87	W 4	NW 2	6	6	—	Dull and gusty.
30	29·56	29·55	47·9	44·6	41·3	49·6	1·1	0·0	·306	·295	93	100	W 4	N 2	10	10	·300	● nearly all day.
Mean	29·754	29·761	43·9	43·2	37·8	48·1	1·6	1·5	·255	·249	87·9	88·8	3·4	3·6	7·7	6·4	3·960	

CRONKBOURNE (DOUGLAS), ISLE OF MAN.—NOVEMBER 1893.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29′ W. Lat. 54° 10′ N. Gravity Correction, + ·024 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·54	29·53	49·0	46·5	30·0	49·7	1·8	3·0	·303	·249	87	80	WSW 5	W 2	10	9	·088	✓ *a*. Overcast. ● showers *p*.
2	·47	·64	44·9	42·0	40·7	49·5	1·3	1·5	·268	·235	91	89	WNW 3	W 2	10	4	·040	● showers. Dull day.
3	·56	·50	44·6	55·0	41·0	55·2	0·6	1·2	·280	·397	95	92	WSW 4	WSW 7	10	10	·043	● *a*. Overcast. Squally ✓ at night.
4	·86	·98	44·0	30·7	30·5	55·0	4·3	0·4	·200	·162	69	94	NNE 2	NW 2	3	1	—	Fine day. ⌊ *p*.
5	29·68	29·84	44·7	36·5	26·8	46·3	3·0	2·8	·231	·165	78	77	NNW 5-6	N 3	9	1	·059	Squally ✓ *a*. Cloudy day. ● ▲ 2*p*.
6	30·03	30·19	41·0	41·2	36·5	44·3	3·3	2·7	·192	·205	75	80	NNE 4-5	NNE 3	7	8	—	Fine day. ⌊² *p*.
7	·26	·30	40·8	40·3	36·2	45·0	2·1	2·3	·212	·204	84	82	NE 2-3	NE 4	4	2	—	Fine day.
8	·29	·31	41·5	44·0	33·2	47·7	2·5	2·5	·211	·234	81	81	NE 2	NE 5	3	8	·005	Fine day.
9	·29	·27	44·2	45·6	42·5	46·2	2·5	5·6	·236	·193	81	63	NNE 5	E 6	7	6	—	Dull day. ✓
10	·28	·29	44·2	44·2	40·1	45·8	2·6	1·5	·234	·257	80	89	ENE 1	NNE 3	10	9	—	Dull day.
11	·29	·31	47·8	49·0	43·2	50·0	2·6	3·2	·270	·272	81	78	NE 4	ESE 5	9	10	—	Dull day. ✓ *p*.
12	30·28	30·16	47·0	46·8	45·2	49·0	3·0	3·8	·253	·235	79	74	ESE 5	E 5-6	8	3	—	Dull day. ✓
13	29·98	29·79	45·3	44·0	42·7	46·8	3·3	3·0	·231	·224	76	77	E 4-5	SSE 3	7	4	—	✓ *a*. Dull day.
14	·66	·63	45·2	41·0	39·3	45·4	1·8	1·7	·260	·221	87	86	E 2	NW 2	10	10	·033	Overcast. ●⁰ in afternoon.
15	·74	·80	45·0	47·3	39·3	47·5	3·0	4·5	·233	·227	78	70	NE 2	SE 4	3	10	—	Fine *a*. Dull afternoon.
16	29·59	29·05	46·7	48·0	46·5	48·3	0·4	1·8	·310	·290	98	87	SE 4-5	ESE 8-9	10	10	·244	✓ *a*. Overcast. Squally ✓ *n*.
17	28·76	28·77	47·1	43·5	42·5	52·8	1·2	1·0	·295	·260	91	92	WNW 5-6	NW 6	10	8	·172	Dull, with squally ✓. ● 6*p*.—7*p*.
18	29·31	29·73	37·8	33·0	32·3	44·5	4·3	1·5	·151	·157	67	83	NNW 10	N 7	10	2	—	✳ ● *a*. Cloudy, with squally ✓².
19	29·86	30·03	35·0	37·2	31·5	38·4	1·8	3·4	·168	·161	82	73	N 7-8	N 5	2	5	—	Fine day. Squally ✓.
20	30·19	·32	40·2	41·3	35·0	42·1	2·8	2·4	·194	·211	78	81	NNE 4-5	NE 3-5	7	7	—	✓ *a*. and *p*. Cloudy day.
21	30·41	30·27	38·8	43·0	34·5	43·0	1·8	3·0	·201	·215	85	78	N 1	WNW 4	8	10	·159	Dull day. Stormy at night.
22	29·96	29·98	41·0	38·0	36·8	45·2	1·9	4·5	·217	·150	85	65	NNW 7-8	NNW 6-7	10	8	·010	✓ ▲² ● *a*. Fine day. Squally ✓
23	30·13	·99	38·8	47·8	32·5	47·8	4·4	1·3	·157	·301	67	91	N 4	NW 5-6	7	10	·146	▲ *a*. ●² *p*. Squally ✓ (gale) 11*p*.
24	29·99	·79	47·1	49·0	45·8	49·0	2·1	1·4	·274	·312	85	90	WNW 5-6	WSW 6	10	10	·232	Overcast, with squally ✓. ● *n*.
25	·52	29·21	49·4	48·7	47·0	51·3	1·2	1·2	·322	·314	91	92	WSW 4	NW 4-5	10	10	·632	Overcast. ●².
26	29·61	30·02	42·2	35·2	34·0	48·7	4·2	2·0	·188	·167	71	81	N 3-4	NNW 1	8	10	·078	Squally ✓ (gale) noon. Fine *p*. ● *n*.
27	30·09	29·99	44·7	51·0	35·2	51·0	1·3	1·1	·266	·346	90	92	W 2	WSW 5	10	10	·076	● *a*. Overcast. Squally ✓ ● *n*.
28	30·00	30·00	53·0	53·8	50·0	54·4	0·8	0·8	·380	·391	94	94	WSW 3	WSW 5-7	10	10	·004	Squally ✓ *a*. and *p*.
29	29·88	29·69	52·0	50·8	49·8	53·8	3·2	1·6	·305	·330	79	88	SW 5	SW 6	10	10	·087	Squally ✓ ● showers *a*. and *n*.
30	29·65	29·65	46·8	38·8	38·8	50·8	4·4	3·0	·224	·180	71	77	NW 2	NW 2	10	10	·108	●² shower *a*. ✳ ● (sleet) ✳ *n*.
Mean	29·870	29·866	44·3	43·8	38·6	48·2	2·5	2·3	·242	·242	81·9	82·5	4·1	4·5	8·1	7·5	2·216	

STONYHURST.—NOVEMBER 1893.

Height above Mean Sea Level, 375 feet. Heights above Ground:—Bar., —12 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 2° 28′ W. Lat. 53° 51′ N. Gravity Correction, + ·023 in.

1	29·31	29·27	45·5	43·5	29·5	48·3	0·5	2·1	·293	·237	96	83	WbyN 4	NW 1	10	9	·453	Squally, with ● *a*. ● showers.
2	·23	·38	42·4	42·0	40·9	47·3	0·4	1·5	·262	·235	97	89	Calm 0	NWb.W 1	10	0	·100	Overcast and threatening.
3	·37	·29	44·6	52·0	39·5	52·3	0·1	1·0	·293	·361	99	93	Calm 0	WNW 4	10	10	·250	≋⁰ ● *a*.
4	·56	·69	39·3	31·6	31·6	52·3	2·4	2·1	·194	·131	81	73	ENE 1	Calm 0	6	0	—	Fine day. ⊕ noon.
5	·46	·53	35·0	35·2	27·7	42·0	2·0	3·2	·164	·147	80	71	WNW 1	NEb.N 2	9	0	·160	▲ showers.
6	·73	29·88	36·3	36·1	31·8	43·7	1·5	2·1	·186	·174	87	82	Calm 0	EbyS 1	8	0	—	Fine day.
7	29·97	30·01	37·5	37·5	33·2	42·3	2·5	1·9	·177	·188	79	84	NE 1	NE 1	4	3	·007	Fine and frosty.
8	30·01	·01	38·4	41·8	35·9	43·7	2·0	1·6	·193	·231	84	88	Calm 0	ENE 1	4	10	·010	Frosty *a*. Cloudy *p*.
9	·00	·01	42·8	42·3	40·2	45·5	1·8	2·5	·236	·218	86	82	EbyN 1	E 2	10	10	—	Overcast.
10	·01	·01	41·5	43·0	38·0	43·4	1·6	1·6	·229	·242	88	87	E 2	EbyN 1	10	10	·010	Overcast.
11	·05	30·05	45·8	44·0	42·7	47·0	0·8	1·0	·289	·265	94	92	ENE 1	E 1	10	9	·005	●⁰ *a*. Overcast.
12	30·04	29·95	43·3	42·6	42·2	45·4	1·5	2·6	·248	·219	88	81	ESE 3	E 3	10	3	—	Overcast *a*.
13	29·76	·57	41·8	40·7	39·7	45·8	2·0	2·2	·225	·210	85	83	E by N 3	Calm 0	9	10	—	Overcast, then fine and clear.
14	·44	·36	39·3	37·8	37·2	41·0	1·8	1·0	·206	·208	86	92	Calm 0	Calm 0	10	10	—	≋⁰ (mist) *a*. Overcast day.
15	·45	29·58	41·3	39·0	36·7	46·6	2·3	1·8	·213	·203	82	86	Calm 0	Calm 0	7	4	—	∞² *a*. Fine *a*. Cloudy *p*.
16	29·46	28·96	42·6	43·0	36·9	46·6	3·6	2·0	·201	·234	74	84	Calm 0	ESE 1	10	10	·270	Overcast.
17	28·45	28·52	49·0	42·0	41·8	54·0	1·0	1·1	·322	·243	93	91	swb.w 6	swbys 1	10	10	·148	Squally ✓ ● *a*. Overcast. ●
18	28·80	29·28	40·0	30·0	29·7	42·0	3·3	1·6	·184	·125	74	75	NbyE 5	EbyN 6	10	2	—	Squally ✓ ● showers. [showers *p*.
19	29·44	29·64	30·5	36·7	27·7	37·4	3·3	2·9	·096	·166	58	76	EbyN 4	sEbyE 4	3	3	—	Fine *a*. Squally. ✳⁰ *p*.
20	29·83	30·02	39·5	34·0	31·9	41·5	5·0	3·0	·153	·138	64	71	E by S 2	S 1	10	0	·008	Overcast *a*. Fine and clear *p*.
21	30·12	30·03	37·5	39·2	32·7	41·5	1·4	2·8	·197	·186	88	78	Calm 0	W 1	10	10	·178	Overcast.
22	29·64	29·69	40·7	35·7	33·2	42·5	1·7	4·7	·218	·129	86	61	W 3	NWb.N 3	10	10	—	▲ showers *a*.
23	·96	·75	33·4	33·0	27·9	35·7	1·4	1·0	·163	·167	85	89	NbyW 4	swbys 1	8	10	·240	✳ ● *a*. and *p*. Overcast.
24	·70	29·52	44·2	44·7	28·2	45·0	2·4	0·7	·238	·279	82	94	WNW 1	WbyS 4	10	10	·330	Overcast and squally, with ●.
25	·33	28·93	45·0	48·4	44·5	48·4	0·2	0·3	·294	·332	98	98	WSW 5	WbyS 2	10	10	1·384	Overcast and squally, with ●.
26	·23	29·74	40·0	32·0	31·2	48·4	3·5	4·2	·181	·098	73	54	NbyE 3	NW 1	10	0	·030	Cloudy, then fine.
27	·83	·76	35·6	45·9	29·8	49·7	1·4	0·9	·183	·288	87	94	Calm 0	WbyS 4	10	10	·805	≋⁰ ●⁰ *a*. ● showers *p*.
28	·79	·78	48·5	50·2	45·0	50·3	0·0	0·7	·342	·346	100	96	WbyS 4	WSW 3	10	10	·017	Squally, with ● *a*. Overcast.
29	·70	·51	48·2	48·5	46·7	50·2	2·0	3·5	·288	·259	86	76	WbyS 4	swb.w 4	10	10	·280	Overcast and squally.
30	29·39	29·39	44·3	37·5	36·9	49·2	0·5	1·1	·279	·203	96	91	WbyN 1	Calm 0	10	10	·072	● ≋⁰ (mist) *a*. ● showers *p*.
Mean	29·595	29·603	41·1	40·3	35·7	45·6	1·8	2·0	·225	·215	85·2	83·1	2·0	1·8	8·9	6·8	4·557	

HILLINGTON.—NOVEMBER 1893.

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

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·79	29·58	35·0	44·6	25·2	45·5	0·1	0·8	·201	·276	99	94	SW 4	SW 2	10	10	·162	⌣² a. ● a. and p. Overcast.
2	·55	·61	43·0	42·0	41·8	46·4	0·5	0·6	·270	·254	98	95	NW 1	W 3	10	0	·034	● till 11a. Overcast all day.
3	·77	·67	43·9	52·0	38·6	57·7	0·4	0·5	·277	·374	97	97	W 0·5	SW 4	10	2	·080	●⁰ a. Fine p.
4	·75	·94	45·6	35·2	35·0	53·3	0·1	1·0	·304	·185	99	90	NW 2	NW 0·5	10	2	·004	Overcast all day. [(sleet) ✳ 9p.
5	·83	29·68	28·6	39·8	23·0	44·4	0·2	2·0	·151	·205	96	84	SW 1	WNW 5	0	10	·194	⌣² a. Fine and sunny. ✳ ●
6	29·88	30·06	39·1	33·9	33·9	48·4	0·4	1·1	·231	·172	97	87	NNE 1	NE 1	6	10	·060	●⁰ early a. ●² ▲ 8a. ▲ 9p.
7	30·16	·21	35·2	37·3	30·0	46·5	0·4	2·6	·197	·174	96	79	NE 0·5	NE 0·5	4	0	—	● ▲ early a. Fine and sunny.
8	·25	·23	42·5	33·9	33·9	46·5	3·2	0·7	·208	·181	76	92	NE 2	NE 0·5	6	0	·008	Very fine and sunny a. ● showers p.
9	·26	·21	40·5	39·1	33·1	43·5	3·4	2·3	·186	·194	74	82	NE 3	NE 2	4	0	—	Very fine and sunny.
10	·21	·21	43·8	44·8	38·5	45·4	4·1	0·5	·203	·286	71	96	NE 1	ENE 4	10	10	·040	Overcast and gloomy a. ●⁰ showers p.
11	·25	·31	46·9	46·0	43·9	50·4	2·4	3·3	·265	·238	84	77	NE 1	NE 0·5	6	10	—	Overcast a. and p. ⌓ p.
12	·32	30·23	42·0	40·0	37·0	47·4	1·3	1·4	·238	·218	90	89	E 0·5	ESE 4	0	0	—	⌓ a. and p. Fine and sunny.
13	30·05	29·86	41·9	33·1	31·0	47·4	2·1	1·0	·222	·168	85	89	E 1	E 0·5	0	10	—	⌣² a. Fine and sunny. ⌣ p.
14	29·76	·75	36·4	38·0	32·0	41·9	1·0	0·8	·195	·213	92	93	S 0·5	E 6	10	10	·220	⌣² a. Overcast all day.
15	·61	·91	44·8	42·0	37·1	47·0	0·4	0·3	·287	·260	97	98	S 1	S 0·5	10	10	·018	●² early a. Overcast all day.
16	·86	29·51	42·1	42·0	38·0	47·4	2·4	1·3	·218	·238	82	90	SE 4	S 6	10	10	·037	Fine and sunny. Overcast, with ⁄ p.
17	29·12	28·90	53·8	41·8	41·0	57·1	1·0	0·6	·385	·252	93	96	SW 4	SW 7	10	10	·860	●² early a. ●² ⁄ (gale) p.
18	28·99	29·26	41·1	37·0	37·0	55·0	0·9	0·3	·238	·214	93	97	S 1	N 8	8	10	·947	●² early a. ●² ⁄² (gale) p.
19	29·48	29·71	36·4	43·0	34·0	48·9	0·7	1·8	·200	·238	94	86	NE 6	N 8	10	10	·122	⁄ (gale) early a. and p. ✳ ●
20	29·97	30·25	42·0	41·5	39·5	43·9	4·4	4·0	·182	·185	70	72	NE 6	NE 5	10	10	—	✳ ● before 9a. Overcast. [(sleet).
21	30·36	30·41	41·0	40·5	39·6	45·0	1·1	0·6	·233	·238	91	95	N 2	NW 2	6	10	·008	
22	30·00	29·82	39·0	34·0	33·5	44·6	1·7	1·3	·204	·170	86	86	W 7	N 4	10	8	·080	⁄ a. ● showers p. ✳ in evening.
23	29·93	30·09	31·1	33·4	29·5	36·4	0·4	2·2	·164	·148	94	77	NE 3	SW 2	7	8	·040	Cold wind, with ✳ ● (sleet) and ✳.
24	30·01	29·87	33·9	43·0	29·5	44·4	0·4	0·8	·186	·259	96	94	SW 2	W 3	8	7	·048	Overcast all day. ● showers.
25	29·70	·32	47·0	47·7	40·8	48·3	1·1	0·1	·296	·329	92	99	SW 3	SW 6	10	10	·562	Overcast. ●² at night.
26	29·33	29·88	44·0	38·1	36·1	48·4	0·3	1·4	·280	·202	98	88	NE 5	N 4	10	10	·254	● a. and p. ▲ ● 9p.
27	30·19	30·10	29·9	42·9	28·1	43·3	1·2	1·2	·134	·250	81	91	SW 0·5	SW 3	8	10	·027	⌣ a. ✳ showers 11a.
28	·09	30·11	49·0	48·5	42·2	53·9	1·4	1·6	·312	·301	90	88	W 4	W 2	9	0	—	
29	30·11	29·92	47·5	46·2	46·2	50·7	1·7	1·5	·287	·277	88	90	W 3	W 4	10	10	—	Overcast all day. Splendid sunset.
30	29·77	29·61	46·4	46·0	43·8	49·6	2·2	0·5	·264	·298	84	97	SW 4	SW 2	8	10	·256	Overcast all day. ● n.
Mean	29·879	29·874	41·1	40·9	35·8	47·6	1·4	1·3	·234	·233	89·4	89·6	2·5	3·3	7·7	7·2	4·061	

CHURCHSTOKE.—NOVEMBER 1893.

Height above Mean Sea Level, 538 feet. Heights above Ground:—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5′ W. Lat. 52° 31′ N. Gravity Correction, + ·018 in.

1	29·22	29·16	45·3	44·8	24·5	50·9	1·6	1·4	·265	·265	88	89	WSW 4	SW 2	10	8	·250	Stormy, with ●.
2	·07	·26	43·8	43·8	41·8	49·1	3·1	0·7	·221	·270	76	95	SW 1	WSW 1	10	9	·010	Cold, damp, and dull.
3	·27	·22	54·4	54·3	42·5	56·2	1·4	2·8	·382	·344	91	81	W 2	WSW 4	10	9	·065	Close and damp.
4	·34	·49	45·6	32·7	32·5	54·5	1·5	0·8	·281	·168	89	91	NW 2	NNW 1	10	0	—	Dull and cold.
5	·34	·37	29·7	33·7	22·2	46·3	0·8	0·3	·143	·186	87	96	Calm 0	NW 1	0	0	—	⌣ ≋⁰ (mist) a. Bright and sharp
6	·45	·69	29·9	30·9	27·0	41·6	1·0	0·4	·139	·162	84	94	NW 1	NW 1	2	0	—	⌣. Cold and raw.
7	·75	·79	33·4	32·9	28·8	41·0	1·1	1·0	·168	·166	88	89	NNW 1	NE 1	9	0	·010	⌣. Bright p.
8	·79	·77	37·7	39·8	30·8	42·1	1·3	0·9	·200	·226	89	93	NNE 2	NE 2	8	10	·010	⌣. Cold and threatening.
9	·75	·73	41·3	37·8	27·5	43·6	1·4	1·9	·231	·190	89	84	NE 3	NE 2	10	5	—	Cold, with bitter wind.
10	·74	·79	40·8	41·6	35·4	42·1	2·9	2·7	·198	·208	78	80	ENE 2	NE 2	10	10	·005	Dull and cold.
11	·80	·78	44·2	42·8	40·0	46·1	1·3	2·1	·261	·231	90	84	NE 1	NE 2	10	10	—	Dull and cold.
12	·79	·69	42·8	38·8	36·5	46·5	2·4	1·7	·225	·203	82	86	E 2	ENE 2	9	10	—	Fine, but cold.
13	·53	·42	37·8	32·1	31·5	41·5	1·4	0·2	·199	·176	89	98	E 2	W 1	8	4	—	Fine day. ⌣ in evening.
14	·25	·16	29·7	36·7	26·8	38·2	0·8	0·8	·143	·201	87	93	SW 1	Calm 0	9	10	·090	⌣ a. ≋ ●⁰ all day.
15	·23	29·37	38·6	37·1	35·8	42·9	0·7	1·2	·220	·197	95	89	Calm 0	E 2	10	0	—	≋ a. Damp and raw.
16	29·23	28·63	41·0	48·4	32·8	48·4	0·5	0·4	·246	·330	96	97	SE 1	SSE 5	10	10	·260	≋ a. Very rough ⁄ ●.
17	28·44	28·38	50·4	40·8	37·8	54·3	1·9	0·9	·317	·236	88	93	W 4	WSW 2	10	10	·175	Squally, with ●.
18	28·67	29·16	37·8	29·7	28·8	41·9	1·9	1·8	·190	·118	84	72	NNE 5	NNW 4	10	4	·200	Squally, with ⁄ ✳. Bitter wind.
19	29·29	·45	31·8	35·7	28·2	36·4	0·3	2·8	·172	·157	96	75	NNW 3	NE 3	8	9	—	⌣. Bright and sharp.
20	·60	·79	34·9	36·4	34·0	37·9	2·2	2·3	·161	·170	79	80	NNE 2	NE 2	8	10	—	Dull, cold, and raw.
21	·92	·86	35·8	35·5	33·2	38·8	1·9	1·6	·174	·176	84	86	NE 1	NE 1	9	2	·005	Dull and cold.
22	·55	·51	41·3	32·9	31·0	46·2	1·8	0·8	·222	·170	86	91	W 2	NE 1	8	10	·059	Milder. ✳ at night.
23	·57	·60	34·1	33·7	25·2	35·8	1·6	2·0	·164	·153	83	79	N 2	NNE 2	7	10	·025	✳ before 9a. Cold and fresh.
24	·58	29·45	45·2	44·8	33·7	47·6	2·3	1·7	·250	·258	83	87	NW 2	NW 2	9	10	·005	Mild day.
25	·26	28·83	46·6	49·1	44·0	51·3	1·9	0·3	·273	·342	87	98	W 1	W 1	9	9	·290	Cloudy, with ●².
26	·06	29·61	41·8	30·7	30·5	50·2	0·7	0·8	·249	·151	95	88	NW 2	NW 1	10	0	—	
27	·71	·67	39·1	47·3	26·4	47·3	1·4	1·6	·211	·287	89	89	NW 2	WSW 2	10	10	·010	⌣. Raw, cold, and cloudy.
28	·67	·68	51·7	50·4	47·2	54·1	1·9	1·4	·334	·329	88	90	W 2	W 3	8	6	—	
29	·60	·39	47·9	47·7	42·4	51·3	2·2	3·8	·280	·244	85	74	SW 3	SW 5	10	9	—	⁄
30	29·25	29·17	47·7	37·1	37·0	51·1	3·0	0·4	·261	·213	80	96	SW 2	NNW 1	9	10	·130	Hills clear. ✳ at night.
Mean	29·423	29·429	40·7	39·3	33·2	45·8	1·6	1·4	·226	·218	86·8	87·9	1·9	2·0	8·7	6·8	1·599	

CARMARTHEN.—NOVEMBER 1893.

Height above Mean Sea Level, 188 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 4° 18′ W. Lat. 51° 52′ N. Gravity Correction, + ·018 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·70	29·61	47·3	49·4	27·1	52·0	0·4	2·5	·317	·290	97	83	SW 3	SW 1	10	10	·290	Dull all day.
2	·50	·66	48·6	47·0	45·9	51·4	0·2	0·2	·338	·318	99	99	W 1	Calm 0	10	10	·100	Dull all day.
3	·72	·67	54·7	52·7	46·0	55·8	0·3	0·5	·419	·384	98	96	SW 2	SW 2	10	10	·030	Dull all day.
4	·73	·84	49·3	42·5	42·3	53·7	1·9	2·6	·303	·218	87	80	N 1	N 2	10	0	·010	Dull all day. ∞ 9p.
5	·75	29·71	38·2	40·4	30·2	50·8	2·6	2·4	·182	·203	79	81	E 1	E 2	0	0	—	⌣. Fine day.
6	29·91	30·05	36·4	34·9	29·8	45·5	2·8	1·1	·163	·181	77	90	Calm 0	Calm 0	0	0	—	⌣. Fine day.
7	30·11	·16	41·5	36·9	33·1	45·9	4·0	1·9	·184	·183	72	84	N 1	E 1	0	0	—	⌣. Fine day.
8	·17	·13	39·3	40·1	30·9	46·3	2·6	2·4	·190	·200	80	81	Calm 0	E 3	1	0	—	⌣. Fine day.
9	·09	·04	44·2	39·4	38·8	48·2	2·9	3·3	·227	·179	78	75	E 2	E 6	5	0	—	Dull and cold.
10	·05	·11	44·3	42·3	38·7	47·2	4·8	3·8	·195	·194	66	73	E 4	E 3	1	4	—	Fine, but with cold wind.
11	·16	30·13	46·3	41·0	41·3	49·0	2·8	2·8	·250	·208	81	80	E 2	E 2	10	0	—	Dull day.
12	30·11	29·99	47·8	38·1	37·9	50·3	4·5	1·5	·231	·200	70	87	SE 1	E 1	2	0	—	Fine, but with cold wind.
13	29·87	·72	37·4	34·4	32·7	45·0	2·8	1·2	·172	·175	77	87	Calm 0	Calm 0	0	10	—	⌣
14	·62	·50	36·9	40·9	32·7	43·3	1·1	0·9	·197	·237	91	93	E 1	SW 1	10	10	·120	Dull day. ● p.
15	·62	29·77	41·9	43·5	40·1	44·8	2·2	1·5	·219	·249	85	88	N 1	Calm 0	10	10	—	Dull day.
16	29·50	28·92	46·2	51·7	43·4	51·7	0·9	1·1	·292	·355	94	92	SE 6	SE 8	10	10	·390	Dull, with squally ⁄.
17	28·90	28·87	43·9	40·9	36·6	51·7	1·1	1·1	·262	·232	91	91	NW 6	W 9	10	10	·660	Overcast all day, with squally ⁄ ●.
18	29·11	29·51	39·9	36·9	35·6	43·3	1·4	0·3	·218	·214	89	97	W 8	N 9	10	5	·500	Overcast all day, with squally ⁄ ●.
19	·72	29·78	38·0	39·3	33·5	39·6	1·4	4·5	·201	·159	88	67	N 5	NE 4	4	4	—	⁄ ● ▲ ✳
20	29·98	30·14	40·4	40·1	38·5	43·8	3·8	4·5	·179	·166	71	66	NE 4	NE 3	1	9	—	
21	30·33	30·34	38·9	38·9	38·5	42·3	3·8	2·1	·167	·196	71	84	NE 1	NE 1	6	8	—	Dull day.
22	·03	29·95	43·9	36·3	36·3	48·7	1·8	1·1	·247	·193	86	91	W 1	N 1	7	10	·200	Dull, then ✳ ● (sleet) ●. Snow [on hills.
23	·04	30·07	37·9	39·4	35·6	42·3	1·3	1·9	·202	·204	89	85	N 2	N 1	6	10	·150	Dull day.
24	30·03	29·94	47·6	45·8	39·4	51·2	2·1	1·3	·279	·277	86	91	NW 1	W 1	4	9	·060	Dull, then clear.
25	29·74	·28	47·0	48·2	45·7	51·8	0·5	1·7	·309	·295	97	89	W 1	W 2	8	6	·870	Dull day.
26	29·55	29·95	45·2	35·4	35·4	51·4	3·7	4·0	·222	·136	74	66	NW 4	N 2	7	0	·020	●, then fine.
27	30·16	30·12	35·7	47·5	29·5	48·2	3·1	0·6	·152	·313	73	95	NW 1	SW 1	2	10	·050	Fine, then dull.
28	·14	30·13	50·2	49·9	47·5	51·7	0·3	0·5	·356	·346	98	97	SW 1	SW 1	10	10	·030	
29	30·04	29·83	49·2	49·1	48·2	50·5	2·7	2·4	·283	·289	82	83	SW 1	SW 3	10	10	·020	Dull day.
30	29·63	29·47	48·8	46·3	46·3	51·0	1·4	0·3	·309	·307	90	98	SW 1	Calm 0	9	10	·370	Dull day.
Mean	29·833	29·813	43·6	42·3	37·9	48·3	2·2	1·9	·242	·237	83·9	85·6	2·1	2·3	6·1	6·2	3·870	

MARGATE.—NOVEMBER 1893.

Height above Mean Sea Level, 83 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 24′ E. Lat. 51° 24′ N. Gravity Correction, + ·017 in.

1	29·94	29·68	37·3	49·7	31·4	49·8	3·0	1·8	·167	·309	75	88	WSW 3	SW 4	10	10	·170	⌣⁰ a.
2	·62	·77	46·5	48·0	45·4	50·8	0·3	1·0	·309	·309	97	93	W 1	SW 1	10	0	·020	● a.
3	·83	·79	48·0	51·1	40·8	58·4	1·7	0·9	·293	·352	88	93	W 1	W 2	9	10	—	Dull day.
4	·76	·94	54·2	46·0	45·4	55·8	2·2	4·4	·358	·217	85	71	SW 3	NE 2	8	3	·020	Dull day.
5	·83	29·72	45·7	43·2	37·4	47·6	2·7	3·3	·246	·212	81	76	NE 1	NW 2	10	0	—	⌒. Fine sunset.
6	29·84	30·02	41·7	46·0	38·4	48·3	1·1	4·0	·240	·224	92	73	N 2	NE 3	7	0	·270	▲².
7	30·09	·17	43·9	42·0	37·6	46·8	3·9	3·0	·207	·206	72	78	NE 2	E 3	6	1	·120	Dull day.
8	·18	·18	41·7	44·1	37·5	44·6	4·1	5·2	·185	·186	71	64	ENE 3	SE 3	10	10	·020	Dull day.
9	·17	·11	40·4	40·9	38·2	44·4	4·0	3·6	·175	·186	70	73	E 4	NE 4	7	0	—	⁄
10	·12	·16	43·0	46·0	39·1	47·1	4·0	1·1	·197	·284	71	92	E 4	NE 3	9	10	·090	Finer.
11	·17	·29	45·2	42·1	41·4	48·8	1·1	2·3	·275	·220	92	83	Calm 0	E 3	10	1	—	Dull day.
12	·29	30·20	41·6	42·4	39·4	43·1	4·0	2·9	·186	·211	72	79	E 3	E 3	0	0	—	Bright and sunny.
13	30·03	29·89	40·9	33·8	33·4	42·9	4·1	0·8	·179	·176	70	92	ESE 1	Calm 0	0	0	—	⌣⁰ a. Bright and sunny.
14	29·78	·58	40·8	47·2	31·6	48·8	0·8	0·3	·238	·318	94	98	Calm 0	SE 1	10	10	·790	≋ a. ● p.
15	·58	·81	45·0	47·0	43·6	49·0	5·2	1·2	·194	·294	65	92	N 2	N 1	10	10	·120	● a.
16	·87	·55	44·7	43·4	41·0	49·0	3·1	1·5	·229	·248	77	88	SE 2	NE 3	1	3	·040	Fine and sunny. ⊍
17	29·15	·00	54·1	41·5	40·2	57·3	1·1	2·5	·386	·211	92	81	S 4	SW 4	10	0	·030	⁄² ⌒
18	28·95	·12	40·0	40·0	34·2	48·0	0·7	1·0	·232	·226	94	92	Calm 0	NE 6	7	10	·200	● ⁄ ⌒
19	29·36	29·53	37·0	46·0	36·4	46·0	1·0	1·2	·200	·283	91	92	N 6	N 5	10	10	·160	Very rough ⁄ (gale).
20	29·75	30·07	44·0	44·0	39·4	46·0	2·7	2·0	·230	·243	79	84	NNE 7	NE 5	10	10	·280	⁄ all day.
21	30·28	30·51	44·1	44·0	41·2	48·8	2·3	1·2	·238	·261	82	90	NE 4	NE 2	10	10	·090	● ⌒ ⁄ (gale).
22	30·06	29·85	38·0	38·0	37·0	44·6	2·1	3·0	·188	·173	82	75	W 4	NNW 4	10	8	—	Dull day. ⁄ ⊍
23	29·88	30·00	34·0	35·0	32·2	39·4	1·1	1·4	·173	·176	88	86	N 3	NNW 3	9	0	—	Fine day. ⁄
24	30·01	29·93	35·1	43·7	29·2	44·0	1·0	1·9	·184	·242	90	85	N 2	W 4	10	10	·010	Very dull.
25	29·82	·45	45·8	48·7	42·1	50·5	1·8	1·0	·267	·318	87	93	W 2	SW 5	10	10	·210	Dull day. ⁄ ●² at night.
26	29·34	29·83	45·0	40·0	38·6	48·7	1·7	2·0	·260	·207	87	84	W 4	W 5	9	1	·160	⁄ ●
27	30·23	30·23	34·8	40·7	33·5	42·8	1·2	2·5	·179	·204	89	81	NNW 2	SW 3	0	10	—	Sunny day. Fine sunset.
28	·19	·25	47·7	51·0	39·9	52·5	1·1	1·1	·304	·343	92	92	SW 4	SW 3	7	10	—	⁄ a. Very dull
29	30·22	30·07	47·1	47·0	45·9	51·7	2·2	1·5	·272	·286	84	90	SW 2	SW 3	7	10	·020	Very dull.
30	29·87	29·68	46·0	45·0	44·0	47·7	0·7	0·7	·294	·283	95	94	SW 3	SW 4	10	0	·100	● a.
Mean	29·873	29·872	43·1	43·9	38·5	48·1	2·2	2·0	·236	·247	83·5	85·1	2·6	3·1	7·9	5·6	2·920	

SOUTHAMPTON.—NOVEMBER 1893.

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24′ W. Lat. 50° 55′ N. Gravity Correction, + ·016 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·96	29·75	38·0	49·8	26·6	51·7	1·4	0·7	·201	·339	88	95	SW 1·5	SW 3	10	10	·120	▭ ≋⁰ a. ● p.
2	·59	·81	54·0	50·8	47·0	56·5	0·1	0·4	·415	·361	99	97	WSW 4	SW 1·5	10	10	·133	● a. and p.
3	·87	·86	53·0	54·8	47·0	63·1	0·0	0·9	·403	·405	100	94	SW 1·5	WSW 2	10	10	—	Dull and damp a. Beautifully fine p.
4	·84	·95	54·8	44·7	44·2	59·3	1·5	0·8	·387	·278	90	94	W 1·5	ENE 3	10	10	·077	Fine and mild a. Dull and cold p. ●⁰ p.
5	·84	29·80	41·9	36·2	35·7	45·5	0·1	0·9	·264	·197	99	92	NNE 1·5	N 1	10	0	·018	Dull and cold, with ● a. Beautiful p.
6	29·96	30·09	34·7	38·0	30·4	44·6	0·9	0·9	·184	·210	92	92	NW 1·5	NE 4	0	0	—	▭ a. Beautiful day. ⌓ n.
7	30·17	·21	35·3	34·2	32·0	46·7	0·5	0·4	·197	·190	96	96	NE 0·5	NE 1·5	10	0	—	▭ a. Beautiful p.
8	·20	·20	38·0	39·6	32·3	44·0	1·2	0·6	·204	·231	89	95	NE 3	NE 1·5	7	10	—	Beautiful day.
9	·15	·09	40·9	39·0	35·6	45·2	1·8	1·2	·218	·214	86	90	NE 3	NE 4	2	7	—	⌓² a. Beautiful day, but with cold wind.
10	·11	·20	42·9	43·4	36·0	47·3	2·6	2·2	·222	·234	81	83	NE 5·5	NE 4	4	10	—	Beautiful day, but with cold ➚.
11	·23	·27	45·0	44·0	41·9	49·7	1·2	2·0	·271	·244	91	84	NE 2	E 4·5	9	10	—	⌓⁰ a. Fine and dry, with cold wind.
12	·26	30·15	40·7	35·6	35·2	47·2	1·9	1·1	·215	·189	85	90	E 3	NE 2·5	0	0	—	Beautiful day. ▭ 9p.
13	30·00	29·87	35·2	36·1	31·3	42·2	1·2	0·4	·182	·205	88	96	NE 3	NE 1	10	0	—	▭ a. Beautiful p.
14	29·76	·55	41·1	43·1	34·5	48·0	0·1	0·0	·256	·278	99	100	Calm 0	NE 2·5	10	10	·380	≋ a. and p. Dull and damp. ● [from 3p.
15	·69	·85	39·6	44·0	38·2	44·6	0·5	1·0	·233	·265	96	92	NNW 1	E 1·5	10	10	·010	●⁰ 11a.—1p. Very damp evening.
16	·78	·40	48·9	49·8	42·0	51·2	1·7	0·7	·304	·339	88	95	SE 3	SE 5·5	10	10	·375	➚ ● in evening.
17	·12	·06	54·3	40·7	40·2	56·4	0·6	2·4	·405	·206	96	81	SW 2·5	SW 3·5	10	2	·210	Dull and mild, with ●⁰ a. ➚ ●
18	·03	·42	40·8	30·0	29·2	42·6	0·8	0·8	·237	·145	94	86	N 3·5	N 7·5	10	10	·320	● all day. ➚² ✳ p. ⊠. [3p—4p.
19	·61	29·73	30·6	38·0	28·3	38·9	2·2	1·3	·119	·203	70	89	NNW 6	N 6	1	10	·003	Cold, with ➚ ✳. ●² shower 7p.
20	29·90	30·12	40·2	38·1	37·4	44·8	2·4	1·9	·201	·193	81	84	NNE 5·5	NNE 5	9	1	—	Beautiful day, but with very cold wind.
21	30·35	30·39	39·6	41·2	35·7	46·2	1·6	1·2	·211	·233	87	91	NNE 1·5	N 1·5	10	10	—	Fine and dry a. Bright midday.
22	·16	29·97	39·6	34·3	34·0	46·7	1·8	1·5	·208	·168	85	85	W 2	NW 2	10	0	—	Beautiful day. ▭ 9p.
23	·01	30·13	30·8	32·6	29·4	38·8	2·6	2·0	·113	·143	66	77	NNE 4	NW 2	0	2	·010	✳⁰ n. Beautiful day.
24	30·08	30·03	34·0	44·2	29·4	48·2	0·8	1·4	·180	·259	91	89	WSW 1	W 1·5	10	10	—	Cold, with ≋ a. Day fine.
25	29·89	29·48	46·5	49·8	41·8	52·2	1·5	0·5	·281	·345	89	96	SW 2	SW 5·5	9	10	·285	Fine and pleasant. ➚ ● from 7p.
26	29·47	29·98	43·9	35·1	34·8	51·5	0·7	2·7	·270	·153	95	74	NW 1·5	NW 4	5	0	·016	● showers a. Fine, but with cold wind
27	30·31	30·30	32·6	45·7	28·3	46·0	1·6	2·5	·151	·251	82	82	NNW 1·5	WSW 2	10	10	·010	Beautiful day. [p.
28	·30	·33	48·7	50·6	45·2	52·5	1·0	1·1	·319	·341	93	93	SW 2	WSW 1·5	10	10	—	Dull and damp.
29	30·27	30·08	49·0	47·5	47·3	51·6	2·2	0·5	·294	·316	85	96	W 3	SW 2	10	10	·105	● 7.30p.—9p.
30	29·87	29·69	46·9	46·9	46·1	49·2	0·1	0·6	·319	·307	100	96	SW 1·5	SW 2·5	10	10	·280	●⁰ showers.
Mean	29·925	29·925	42·1	41·9	36·6	48·4	1·2	1·2	·249	·248	89·4	90·1	2·4	3·0	7·9	6·7	2·352	

PLYMOUTH.—NOVEMBER 1893.

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 74 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 4° 8′ W. Lat. 50° 22′ N. Gravity Correction, + ·015 in.

1	29·86	29·72	49·9	52·0	28·6	52·7	4·4	2·1	·258	·333	71	85	W	W	10	10	·077	Dull all day. ▭ ●⁰.
2	·61	·74	57·0	55·7	49·9	58·2	2·1	0·8	·404	·421	86	94	WNW	SW	10	10	·050	Overcast and gloomy. ● showers.
3	·82	·80	56·5	53·2	52·6	58·1	1·1	0·8	·424	·382	93	94	W	WSW	9	5	—	
4	·77	·80	52·5	49·3	48·2	55·9	0·6	1·2	·378	·321	96	91	WNW	E	10	9	—	Overcast nearly all day.
5	·73	·73	48·1	41·0	40·0	49·4	1·1	2·8	·308	·201	91	78	N	NNW	10	0	—	Dull a. Fine and bright p.
6	29·88	29·98	40·0	42·6	35·5	45·7	3·6	3·3	·179	·206	72	75	NNE	NE	0	0	—	Clear and sunny.
7	30·05	30·11	40·5	39·0	36·0	44·4	3·0	2·7	·193	·186	76	78	NE	NE	1	0	—	Sunny all day.
8	·11	30·11	39·0	40·2	35·5	45·5	2·6	2·7	·188	·196	80	79	NbyW	NbyE	1	0	—	Clear and sunny.
9	30·00	29·92	42·0	39·9	37·0	44·3	2·5	3·3	·215	·184	81	74	NE	ENE	10	3	—	Clear and sunny. ➚
10	29·94	30·05	41·5	42·3	36·5	46·7	3·5	3·0	·193	·208	73	77	ENE	ENE	1	1	—	Clear and sunny. ➚ (gale) all day.
11	30·08	30·07	46·5	46·9	41·1	49·8	2·5	3·4	·259	·245	81	78	ENE	ENE	10	10	—	➚ (gale) a. Clear and sunny.
12	30·06	29·93	44·0	41·0	40·5	46·9	3·0	2·6	·225	·210	78	79	E	NE	6	0	—	Bright and clear all day, with ➚.
13	29·81	·73	44·0	45·0	40·5	47·0	0·5	1·1	·277	·273	96	91	ESE	ENE	7	8	·005	≋⁰ (mist) 9a. Fine day.
14	·60	·46	49·0	49·0	44·0	52·4	0·1	0·3	·345	·340	99	97	ENE	W	10	10	·070	Overcast all day. ● showers.
15	·61	·75	42·0	44·8	40·5	49·0	0·0	1·6	·267	·260	100	87	NE	NE	10	10	—	≋⁰ (mist) 9a. Overcast all day.
16	·56	·13	50·5	56·0	38·8	56·1	3·5	1·1	·280	·418	76	93	ESE	SSW	10	10	·320	≋⁰ (mist) 9a. Dull day. ➚ (gale).
17	·03	·06	53·5	42·5	39·5	56·0	1·1	1·7	·378	·236	92	86	SW	NW	10	8	·265	Overcast all day, with ➚. [● from 1p.
18	·09	·54	42·5	36·1	30·1	43·8	2·5	6·3	·219	·110	80	51	NNW	N	9	0	·020	➚² (hurricane) ✳ ● (sleet) ●.
19	·67	29·74	37·0	39·5	32·3	39·5	4·1	3·4	·148	·178	67	73	N	NNE	2	10	—	▭. ➚ all day. [showers.
20	29·91	30·04	39·5	40·0	36·0	43·5	3·1	4·1	·184	·171	76	69	N	ENE	8	4	—	Fine and sunny. ➚
21	30·24	30·29	40·5	41·0	39·0	44·0	3·0	2·7	·193	·202	76	79	NE	NNE	6	9	--	Fine day. ≋⁰ (mist) 9p.
22	30·13	29·96	43·0	39·9	37·6	47·2	2·5	2·1	·225	·204	8:	82	WNW	NbyW	10	6	·085	≋⁰ (mist) 9a. ▭ ●.
23	29·99	30·10	34·5	36·9	31·0	41·0	2·6	2·7	·151	·170	75	77	N	N	0	3	·020	▭. ✳⁰ ●.
24	30·03	29·99	48·0	45·4	34·0	50·0	2·5	0·5	·275	·293	82	96	NNW	W	8	10	—	
25	29·85	·36	48·5	52·0	44·8	52·2	1·1	0·3	·313	·379	91	97	W	SWb.W	10	10	·250	Overcast all day, with ●⁰ showers.
26	29·47	29·97	48·5	36·9	35·6	52·1	1·7	4·1	·299	·147	87	67	NW	N	10	0	—	
27	30·24	30·25	35·5	47·7	30·8	48·4	3·1	2·7	·151	·268	72	80	N	W	0	10	—	≋⁰ (mist) 9a. Fine day.
28	·26	30·26	50·0	50·0	46·3	50·9	2·1	2·2	·307	·305	85	84	W	WSW	10	10	—	Dull and overcast all day.
29	30·18	29·98	50·0	47·5	46·6	50·4	3·5	0·4	·276	·319	77	97	SW	SW	10	10	·470	Overcast, with ≋ ●⁰.
30	29·75	29·56	47·5	48·0	45·6	49·7	0·1	1·1	·327	·397	99	91	SW	SW	10	10	·295	≋ 9a. Overcast, with ● showers.
Mean	29·844	29·838	45·4	44·7	39·1	49·0	2·2	2·2	·261	·256	83·0	82·6	--	—	7·3	6·2	1·627	

LONDONDERRY.—NOVEMBER 1893.

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

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·56	29·57	46·0	41·7	37·0	48·0	1·8	1·0	·278	·243	88	93	SW 3	W 2	10	10	·300	● showers.
2	·51	·69	44·5	42·7	40·2	48·0	1·6	1·5	·257	·241	88	88	W 3	Calm 0	7	10	·160	● a.
3	·55	29·49	53·7	54·2	41·6	55·0	1·0	0·5	·384	·406	93	97	SW 4	SW 4	10	10	·250	Constant ● nearly all day.
4	·97	30·01	40·6	35·7	34·6	54·4	1·3	0·7	·225	·196	89	94	E 1	S 1	2	0	·130	Fine day. ● at night.
5	29·79	·01	42·7	38·7	32·6	47·0	3·7	2·0	·200	·197	73	85	NW 3	NW 2	2	1	·040	● showers.
6	30·21	·31	37·9	35·7	31·4	47·0	2·6	1·0	·179	·192	78	91	NE 1	Calm 0	1	0	·030	● showers.
7	·40	·42	32·9	38·2	31·0	48·0	1·0	1·2	·166	·206	89	90	ESE 1	Calm 0	2	10	—	Fine day.
8	·42	·42	36·0	40·7	32·0	44·0	0·9	0·8	·195	·237	92	93	SE 2	Calm 0	10	5	·010	●⁰ in evening.
9	·43	·39	39·9	43·7	33·5	48·0	0·9	2·0	·227	·242	93	85	NE 1	N 2	3	10	—	Fine day
10	·40	·41	43·5	42·7	41·5	44·0	2·8	2·0	·223	·232	78	85	E 2	Calm 0	10	10	—	
11	·43	·39	45·7	45·7	41·0	48·6	1·9	1·0	·265	·285	87	94	E 1	E 1	10	10	—	
12	·33	30·20	46·0	42·7	42·0	49·0	1·0	1·4	·287	·244	93	88	NE 2	Calm 0	10	0	—	
13	30·03	29·86	39·3	35·7	33·7	51·3	1·0	0·7	·221	·196	92	94	E 2	SE 1	0	0	—	Fine day.
14	29·74	·75	38·5	38·0	33·6	40·2	0·8	0·4	·217	·220	93	96	SW 1	SE 1	10	8	—	≋⁰ (mist) n.
15	·82	29·81	31·3	37·2	29·5	39·8	0·6	1·0	·161	·202	91	91	NE 1	E 2	2	7	·020	≋ a. Fine day.
16	29·50	28·94	46·6	46·7	35·9	49·5	1·9	0·8	·273	·301	87	94	SE 1	S 3	10	10	·700	● 4p.—8p., and at night.
17	28·78	29·18	44·7	40·0	38·0	48·8	1·2	1·7	·269	·213	91	86	NW 6	N 8	10	10	·430	➚ ● all day, and at night.
18	29·78	29·96	37·8	38·3	33·6	41·0	4·0	4·1	·156	·158	69	67	N 4	N 3	10	10	·040	● △ showers during day.
19	30·08	30·25	37·7	35·9	34·2	38·9	5·0	2·4	·141	·168	62	80	NE 3	NE 2	10	6	·040	✳ △ showers during day.
20	·35	·47	37·5	36·6	34·0	41·0	2·3	1·9	·181	·182	81	84	NE 1	E 1	9	10	—	
21	·51	·35	34·7	43·5	31·4	44·0	1·3	2·5	·176	·229	87	80	SW 2	W 2	10	10	·100	●⁰ in evening.
22	·12	·26	41·5	37·2	36·0	46·0	3·7	2·5	·191	·175	74	79	NW 5	N 5	10	10	·090	● showers.
23	·30	30·18	39·6	47·7	35·0	48·2	3·6	2·0	·176	·283	72	86	SW 2	W 3	10	10	·060	● showers.
24	30·06	29·84	44·7	49·2	44·0	49·8	1·0	0·9	·273	·327	93	94	SW 4	W 3	10	10	·350	● in afternoon.
25	29·47	29·33	50·3	46·5	45·0	52·0	0·6	1·8	·350	·374	96	87	N 3	N 1	3	10	·220	Constant ● till 1p. ● showers p.
26	29·84	30·07	40·0	41·7	38·6	47·4	4·2	1·7	·169	·228	68	87	SW 3	NW 2	10	5	·060	
27	30·06	29·97	46·5	51·0	40·5	51·3	1·3	0·7	·286	·356	90	95	SW 4	W 3	9	10	·060	● 3p.—8p.
28	30·00	·92	53·1	52·7	50·4	54·0	1·6	2·0	·360	·344	89	87	NW 2	W 6	8	10	—	
29	29·75	·65	51·5	46·9	46·5	53·2	3·0	0·7	·305	·304	80	95	SW 5	SW 5	10	10	·210	● in evening.
30	29·73	29·81	41·9	37·1	35·0	48·2	2·9	3·6	·208	·156	79	71	NW 1	W 2	10	5	·040	● 5p.—7p.
Mean	29·964	29·963	42·3	42·1	37·1	47·5	2·0	1·6	·233	·241	84·5	87·9	2·5	2·2	7·6	7·6	3·340	

ARMAGH.—NOVEMBER 1893.

Height above Mean Sea Level, 196 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 39′ W. Lat. 54° 21′ N. Gravity Correction, + ·025 in.

1	29·46	29·47	47·1	43·1	37·0	48·7	2·3	1·4	·270	·248	84	89	SW 3	SW 1	10	10	·136	Overcast all day.
2	·43	·57	43·8	43·5	39·5	48·5	1·1	1·7	·261	·246	92	86	SW 1	SW 1	10	10	·012	Overcast all day.
3	·48	·40	52·7	53·7	42·2	55·2	0·9	0·9	·373	·387	94	94	SW 3	SW 4	10	10	·052	Overcast all day.
4	·82	·89	42·4	32·3	32·2	53·7	3·4	0·7	·203	·168	75	91	NNW 0·5	NE 1	3	2	—	
5	29·67	29·84	42·0	32·4	29·5	47·3	1·6	0·7	·233	·169	88	92	SW 2	N 1	3	0	—	
6	30·05	30·16	30·6	28·0	26·0	43·0	1·6	0·9	·132	·125	76	82	N 0·5	N 0·5	0	0	—	▭. Fine all day.
7	·24	·27	33·2	35·0	24·2	44·0	2·0	1·1	·149	·182	79	89	NNW 0·5	NE 0·5	0	4	—	▭
8	·27	·27	34·7	36·4	28·7	47·5	2·0	0·8	·162	·200	80	93	NE 0·5	NNE 0·5	3	4	—	▭
9	·26	·20	40·0	43·6	33·1	44·2	2·2	3·4	·203	·213	82	75	NE 1	NE 3	10	10	—	
10	·22	·23	43·4	43·0	41·8	44·0	3·4	3·2	·211	·211	75	77	NE 1	NE 1	10	10	—	Overcast all day.
11	·26	·22	44·0	45·6	42·0	47·8	1·4	1·4	·257	·274	89	90	NE 1	NE 1	10	9	—	
12	30·17	30·04	46·4	43·8	43·1	48·0	2·8	2·3	·253	·237	81	82	E 1	E 1	10	4	—	
13	29·87	29·71	44·7	31·9	31·7	48·1	3·7	0·2	·217	·177	73	98	E 1	E 0·5	3	4	—	
14	·61	·60	38·1	32·6	30·3	39·2	0·6	0·8	·217	·169	95	90	SSW 1	Calm 0	10	7	—	≋ early a.
15	·69	29·68	32·9	42·2	25·8	44·2	0·9	3·0	·168	·209	90	78	Calm 0	SSE 1	0	10	·004	▭ a.
16	29·37	28·73	47·3	49·0	42·0	49·0	2·3	0·2	·271	·343	84	99	SSE 5	ESE 3	10	10	·570	Overcast, with ●.
17	28·68	28·94	42·7	38·0	38·0	51·3	1·7	0·2	·237	·224	86	98	WNW 4	N 5	10	10	·194	Overcast all day.
18	29·50	29·77	38·4	36·2	32·9	38·8	4·1	3·5	·159	·152	68	71	N 5	N 3	10	10	·010	Stormy day. ✳ ● (sleet) 2.15p.
19	29·92	30·07	34·6	34·2	29·4	38·4	2·0	2·4	·161	·151	80	77	N 1	N 1	2	10	—	✳⁰ early a.
20	30·19	·31	33·7	32·0	27·8	41·9	1·0	1·0	·173	·157	89	87	N 1	NE 1	0	3	—	
21	30·39	·25	33·5	38·7	26·0	38·7	1·5	1·8	·161	·200	84	86	NE 1	W 2	10	10	—	Overcast all day.
22	29·98	·06	40·2	36·4	34·2	43·7	2·4	2·4	·201	·171	81	79	NNW 1	N 3	10	10	·015	
23	30·15	30·02	37·0	45·7	28·9	45·7	1·0	1·6	·200	·270	91	89	NNW 1	NW 1	9	10	—	✳ a.
24	29·95	29·74	44·8	48·0	42·7	48·0	1·8	1·2	·255	·304	86	92	W 1	W 2	10	10	·022	
25	·39	·20	49·0	43·1	42·8	51·1	1·0	0·5	·322	·267	93	96	SW 4	W 1	10	4	·340	
26	·69	·97	40·0	37·5	34·9	45·0	4·2	1·1	·169	·203	68	91	N 3	SW 2	2	7	—	
27	·99	·00	44·1	49·6	34·9	49·9	1·0	0·7	·266	·337	92	95	SW 3	SW 3	10	10	·027	
28	·91	·87	52·6	51·4	48·9	54·0	1·0	1·6	·369	·338	93	90	SW 3	SW 4	10	10	—	Overcast all day.
29	·71	·54	50·0	48·7	48·0	54·1	1·8	0·7	·314	·326	87	95	SW 5	SW 4	10	10	·202	Overcast all day.
30	29·60	29·65	41·7	36·0	35·7	48·7	1·6	1·3	·230	·188	88	88	NNW 0·5	N 1	10	10	—	Overcast all day.
Mean	29·831	29·819	41·5	40·4	35·1	46·7	1·9	1·4	·227	·228	84·1	88·0	1·9	1·8	7·2	7·6	1·584	

MARKREE CASTLE.—NOVEMBER 1893.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27′ W. Lat. 54° 11′ N. Gravity Correction, + ·024 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·59	29·57	47·2	44·8	38·4	50·2	2·1	1·7	·275	·257	86	87	WSW 1	S 0·5	10	10	·480	Overcast all day.
2	·53	·65	45·9	43·1	41·9	48·9	1·5	0·9	·276	·258	90	93	W 1	Calm 0	10	10	·090	Overcast all day.
3	·58	·53	53·9	53·7	42·1	55·7	0·9	0·7	·389	·392	94	95	WSW 2	SSW 1	10	10	·100	Overcast all day.
4	·90	·97	41·0	27·9	27·1	53·9	2·3	0·1	·210	·150	82	98	NNE 1	Calm 0	5	4	·040	
5	29·80	29·97	44·0	36·7	22·4	47·6	3·0	2·3	·224	·175	77	81	N 2	N 1	9	9	—	
6	30·14	30·25	34·0	26·0	24·7	44·6	2·8	0·2	·142	·134	73	95	Calm 0	Calm 0	1	3	—	
7	·32	·34	34·0	32·1	21·9	45·1	2·8	1·1	·142	·156	73	86	Calm 0	Calm 0	2	2	—	☂.
8	·37	·36	25·9	34·1	19·9	46·8	0·4	0·8	·127	·181	91	91	Calm 0	Calm 0	10	10	—	☂².
9	·33	·27	40·1	43·1	31·0	44·4	1·2	3·1	·223	·214	90	77	Calm 0	ENE 1	10	9	—	
10	·29	·30	42·9	39·4	33·6	47·0	3·2	1·8	·211	·206	77	86	ENE 1	E 0·5	10	10	—	
11	·31	·27	45·3	45·2	38·8	48·0	1·6	1·8	·265	·260	88	87	ENE 1	NNE 0·5	10	10	—	Overcast all day.
12	30·22	30·07	45·9	40·1	37·6	48·6	2·8	2·0	·245	·208	81	84	ESE 1	ESE 0·5	10	7	—	∞ 9p.
13	29·92	29·77	40·0	34·1	33·3	46·6	1·1	0·2	·224	·193	91	98	SE 0·5	Calm 0	9	10	—	
14	·70	·70	38·0	30·0	29·3	42·2	0·6	0·3	·216	·158	95	95	Calm 0	Calm 0	10	4	—	∞ 9p.
15	·75	29·69	28·0	37·3	22·2	44·8	0·9	0·6	·125	·211	82	95	Calm 0	ESE 1	3	9	·030	∞ 9a.
16	29·35	28·71	45·1	49·0	36·7	49·2	2·0	0·8	·254	·327	85	94	SSE 3	ENE 3	10	10	·510	Overcast all day.
17	28·90	29·22	40·5	37·0	35·1	49·8	3·8	0·1	·180	·218	71	99	NW 6?	N 8?	9	10	·500	Very boisterous.
18	29·75	29·92	38·8	38·4	35·4	40·8	3·2	1·2	·176	·208	76	90	NNW 6?	N 5?	10	10	·100	Very boisterous a.
19	30·07	30·18	37·1	36·0	35·4	39·2	2·2	2·3	·179	·177	81	81	NNE 2	N 1	10	10	—	Overcast all day. Snow on mountains.
20	·29	·40	38·4	32·4	28·9	44·0	2·3	1·0	·188	·162	82	88	N 0·5	NNE 0·5	4	2	—	
21	·47	·36	28·2	39·0	24·1	43·1	0·3	0·4	·146	·230	95	97	NNE 0·5	WSW 1	3	10	·090	
22	·12	·23	42·1	39·0	36·9	45·8	1·2	3·1	·242	·179	90	76	NNW 3	N 3	10	10	·030	Gusty early a.
23	·28	30·19	39·0	48·1	35·3	48·1	2·9	1·3	·183	·303	78	91	NW 1	NW 3	5	10	·040	
24	30·08	29·87	45·0	48·7	44·1	49·3	1·7	1·6	·260	·304	87	89	WSW 1	W 2	10	10	·110	Overcast all day.
25	29·51	29·33	30·2	47·1	45·0	51·8	0·2	1·6	·358	·286	99	89	SSW 2	NW 1	10	10	·380	Overcast all day.
26	29·82	30·08	40·0	36·3	35·6	47·3	4·1	0·9	·170	·198	68	93	NNW 4	SW 1	3	4	·010	
27	30·07	30·00	45·3	51·7	35·7	51·7	0·3	0·6	·295	·367	98	96	SW 1	SW 2	10	10	·010	
28	29·99	29·95	53·9	51·3	50·7	56·4	1·1	0·8	·384	·357	93	95	WSW 3	SSW 4	10	10	—	
29	·76	·63	50·6	47·6	46·9	51·7	1·6	0·4	·327	·320	89	97	SW 4	WNW 2	10	10	·410	Overcast all day.
30	29·69	29·76	41·4	36·6	35·5	47·7	1·5	1·9	·230	·182	89	84	Calm 0	N 2	10	10	·020	Overcast all day.
Mean	29·930	29·918	41·4	40·2	34·2	47·7	1·9	1·2	·229	·232	85·0	90·2	1·6	1·5	8·1	8·4	2·950	

DUBLIN (PHŒNIX PARK).—NOVEMBER 1893.

Height above Mean Sea Level, 155 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 21′ W. Lat. 53° 22′ N. Gravity Correction, + ·022 in.

1	29·62	29·60	48·1	45·1	34·7	51·0	2·2	1·7	·282	·261	84	87	W 2	WSW 1	9	9	·150	Dull day. ● 0 showers p.
2	·52	·72	45·4	44·8	43·1	48·8	1·4	1·6	·271	·260	90	88	W 1	Calm 0	9	2	·040	
3	·64	·60	54·1	53·6	43·6	55·9	1·5	1·4	·376	·372	89	90	W 2	W 2	9	6	·100	Cloudy, with ● 0 showers.
4	·84	·93	41·5	30·2	29·7	54·3	1·9	0·5	·223	·155	86	92	N 1	Calm 0	4	0	—	
5	29·80	29·89	34·7	32·9	24·9	46·0	2·0	1·5	·162	·156	80	83	W 1	Calm 0	1	0	·005	Beautiful day.
6	30·06	30·18	35·1	30·6	30·0	45·8	2·3	1·1	·159	·143	78	84	NNW 1	Calm 0	9	0	—	✳ ● (sleet) ● 0 showers 5a.—7a.
7	·25	·28	32·2	42·6	23·4	45·1	0·9	2·9	·163	·214	89	79	Calm 0	NE 1	4	8	·040	Cloudy day. ● 0 showers p.
8	·31	·29	40·1	41·7	35·7	44·8	2·7	1·8	·195	·227	78	87	N 1	N 1	1	9	·015	Bright a. Cloudy, with ● 0 p.
9	·26	·21	45·7	46·2	40·2	46·9	2·3	4·0	·256	·227	84	73	NE 2	E 2	8	7	·040	Cloudy, with ● 0 showers.
10	·22	·24	45·5	45·8	44·0	46·9	3·5	3·2	·229	·239	75	78	E 1	E 2	9	9	—	
11	·26	·26	48·8	48·4	44·9	49·6	2·2	3·1	·292	·267	84	79	E 1	E 1	9	9	·005	Dull a. ● 0 showers 1p. Cloudy p.
12	30·22	30·08	45·6	43·5	38·1	49·3	3·1	2·1	·238	·237	79	83	E 1	E 1	8	0	—	Cloudy a. Bright p.
13	29·92	29·78	34·5	35·8	29·8	49·1	0·9	1·1	·182	·191	91	91	Calm 0	Calm 0	1	4	—	Beautiful day.
14	·69	·62	36·5	41·7	27·7	42·2	1·4	1·3	·189	·237	88	90	Calm 0	N 1	9	6	·025	Dull and cloudy. ● 0 6p.
15	·74	29·74	37·4	44·0	31·3	47·3	1·5	3·2	·194	·229	87	77	Calm 0	Calm 0	7	9	—	
16	29·49	28·71	48·4	52·2	43·6	52·6	2·4	1·0	·281	·363	83	93	SE 2	SE 4	8	10	·460	Dull day. Squally ◢ ● p.
17	28·86	29·01	44·0	39·7	38·2	54·4	1·4	1·5	·266	·214	90	88	NW 3	NW 4	9	9	·180	Cloudy, with squally ◢ ●.
18	29·48	29·83	38·1	35·4	32·7	40·9	3·9	2·8	·159	·155	68	75	N 6	NNW 1	7	6	·015	◢ ● 0 a. ✳ 0 showers p.
19	29·96	30·07	33·3	36·1	30·7	38·6	0·8	1·0	·174	·194	91	91	NW 1	N 2	1	7	—	Beautiful day.
20	30·18	·31	40·0	42·5	34·7	42·9	1·2	1·7	·222	·236	90	87	N 1	NE 2	8	8	·005	● 0 6p.
21	·40	·39	41·2	32·4	30·7	42·7	1·1	0·7	·235	·169	92	92	Calm 0	Calm 0	9	8	·020	
22	·08	·14	41·9	37·7	31·8	44·0	1·4	1·3	·237	·201	90	89	W 1	NW 1	5	6	·025	● 0 showers a. Cloudy day.
23	·20	30·10	35·0	43·5	29·0	44·1	1·4	1·7	·176	·246	86	86	NNW 1	W 2	2	9	·010	✳ 0 5a. Beautiful day.
24	30·08	29·88	44·3	46·8	41·6	47·2	1·9	2·0	·249	·273	85	86	W 1	W 2	8	8	·030	● 0 7a. and 7p. Cloudy day.
25	29·57	29·30	47·9	46·6	45·2	51·8	1·1	1·5	·306	·282	93	90	WSW 2	W 1	9	7	·230	Dull, with ● 0.
26	29·69	30·08	40·1	36·7	33·7	46·8	2·9	1·8	·192	·184	77	85	NNW 2	NW 1	2	6	·005	Beautiful day.
27	30·14	·05	42·3	49·6	34·6	50·0	1·3	2·0	·242	·305	90	86	WSW 1	W 2	9	9	·020	Dull, with ● 0 showers.
28	30·03	30·04	52·2	52·0	48·8	54·3	1·1	1·9	·361	·338	93	87	W 3	WSW 2	9	10	—	Dull day.
29	29·88	29·68	50·4	50·6	49·0	52·0	3·8	3·2	·274	·289	76	78	SW 4	SW 4	7	9	·200	Dull, with ◢. ● p.
30	29·66	29·68	41·8	38·3	36·8	50·8	1·1	1·8	·242	·196	92	85	Calm 0	N 1	9	9	·130	Dull, with ● 0.
Mean	29·900	29·889	42·2	42·3	36·1	47·9	1·9	1·9	·234	·235	85·3	85·3	1·4	1·4	6·6	6·6	1·730	

PARSONSTOWN (BIRR CASTLE).—NOVEMBER 1893.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar., −2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 inches.
Long. 7° 55′ W. Lat. 53° 6′ N. Gravity Correction, + ·021 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity.						Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
							Dep. of Wet.		Vapour Tension.		Per-centage.							
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·64	29·61	48·8	46·2	37·8	51·3	2·7	1·5	·280	·278	81	90	SW 1	S 1	10	10	·255	Dull, with ●.
2	·53	·66	46·5	44·5	43·6	48·9	0·8	0·5	·298	·281	94	96	SW 1	Calm 0	10	10	·045	Dull day.
3	·65	·61	53·2	53·2	32·9	55·1	1·2	0·8	·371	·383	92	95	SSW 1	S 2	10	10	·021	
4	·84	·92	41·5	32·7	32·4	53·5	1·8	0·7	·225	·171	87	92	Calm 0	Calm 0	8	0	—	Dull a.
5	29·82	29·90	29·7	33·8	22·8	46·6	1·3	0·9	·130	·176	79	90	Calm 0	Calm 0	0	3	—	≋ n. Fine day.
6	30·07	30·18	29·9	27·9	24·8	42·9	1·2	0·2	·135	·146	81	96	Calm 0	Calm 0	0	0	—	Fine day.
7	·24	·26	27·6	34·6	21·2	42·7	0·7	1·2	·130	·177	86	88	Calm 0	Calm 0	0	8	—	
8	·29	·28	35·8	35·2	28·6	44·2	1·1	1·0	·191	·186	91	90	NE 1	Calm 0	6	10	—	
9	·24	·16	40·2	40·7	33·8	45·8	1·2	1·0	·224	·233	90	92	Calm 0	NE 1	4	2	—	Fine a., dull p.
10	·19	·20	44·2	40·5	36·3	45·7	3·5	2·1	·216	·210	74	83	NE 1	SE 1	8	2	—	Fine day.
11	·23	·19	42·7	43·7	37·8	47·2	1·6	1·8	·239	·246	87	86	N 1	Calm 0	10	5	·020	Dull a., fine p.
12	30·15	30·02	42·2	35·2	34·8	49·5	2·2	0·8	·223	·190	84	92	NE 1	NW 1	5	0	—	Dull a., fine p.
13	29·88	29·75	38·7	39·7	23·3	44·9	1·8	1·6	·200	·212	86	87	Calm 0	Calm 0	4	10	—	☂ ✳ 0 n. Fine and frosty.
14	·66	·64	39·2	38·5	37·4	47·7	0·9	0·8	·222	·217	93	93	Calm 0	Calm 0	10	0	—	Dull day.
15	·70	29·69	27·7	39·5	24·9	44·3	0·8	1·8	·127	·207	84	86	Calm 0	S 1	0	8	—	Fine day. ≋ 0 (mist) 9p.
16	29·34	28·63	47·7	53·7	39·3	53·7	2·1	0·8	·281	·390	85	94	S 2	SE 2	10	10	·218	Dull, with ●.
17	28·97	29·16	40·2	37·5	33·8	54·1	2·9	0·8	·192	·209	77	93	WNW 3	NW 6	10	10	·225	● n. and p. Stormy day.
18	29·62	29·86	37·7	37·5	34·8	39·5	3·3	1·5	·166	·195	73	87	NW 6	NW 1	10	2	—	Dull day. ✳ p.
19	29·98	30·12	35·5	30·2	29·9	38·5	2·6	1·3	·159	·135	76	80	NW 3	NW 1	10	10	—	Dull a. ≋ 0.
20	30·22	·31	27·2	36·7	24·4	40·5	2·1	2·0	·089	·181	61	83	SW 1	SW 1	2	10	—	Fine and frosty.
21	·40	·39	34·7	29·5	28·6	36·8	1·0	0·8	·182	·142	91	87	NW 1	NW 1	10	6	—	Dull a.
22	·14	·18	40·9	37·1	28·7	40·9	0·9	1·7	·236	·188	93	85	SW 1	SW 1	10	10	·245	Dull, with ● a.
23	·23	30·19	38·7	43·2	31·2	43·7	6·5	0·5	·127	·268	54	96	NE 2	NW 1	0	6	—	Fine day.
24	30·12	29·93	42·8	47·5	38·9	47·5	0·3	1·6	·268	·290	98	88	SW 1	WNW 1	10	9	·075	Dull, with ●.
25	29·59	29·30	48·7	45·5	43·4	51·8	2·3	0·8	·289	·287	84	95	SW 1	SW 1	10	6	·245	Dull, with ●.
26	29·73	30·08	39·1	31·3	31·3	45·8	3·2	0·8	·178	·157	75	89	NE 2	SW 1	0	10	—	
27	30·12	·06	43·7	48·8	29·9	52·8	0·7	0·7	·266	·327	93	95	SW 1	SE 1	10	0	·190	Dull, with ● 0 a.
28	30·07	30·03	51·8	50·5	47·2	52·8	0·9	2·4	·361	·307	93	84	SW 2	SW 1	10	10	—	Dull day.
29	29·89	29·67	50·2	49·2	48·7	51·7	3·5	1·8	·278	·306	77	88	SW 2	NW 1	10	10	·220	Dull, with ● 2.
30	29·65	29·66	41·5	37·7	36·9	49·2	1·3	1·5	·234	·197	90	87	Calm 0	SW 3	10	10	·125	
Mean	29·906	29·887	40·3	40·1	33·3	47·0	1·9	1·2	·217	·230	83·6	89·6	1·2	1·0	6·9	6·6	1·884	

DEERNESS.—DECEMBER 1893.

Height above Mean Sea Level, 169 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 2° 45′ W. Lat. 58° 56′ N. Gravity Correction, + ·036 in.

1	29·74	29·87	27·0	30·0	23·0	31·3	1·5	2·4	·102	·108	70	64	NNW 5	NNW 6	3	5	—	✳ showers. ⊠
2	·85	·79	36·0	39·0	26·0	42·8	1·0	1·0	·193	·218	91	92	WSW 8	NW 2	8	1	·240	
3	·67	·77	46·0	42·0	38·0	46·8	0·0	2·8	·311	·211	100	79	W 5	WNW 4	10	9	·030	Two "sun-dogs" 2p. < 10p.
4	·89	·99	42·0	45·5	41·0	45·8	3·0	0·3	·207	·297	78	97	NNW 5	W 2	4	10	—	
5	·82	29·57	45·0	43·3	41·0	46·0	2·0	0·9	·253	·261	85	93	SSW 5	SW 4	10	6	·250	
6	29·13	28·97	48·2	41·0	40·0	50·0	1·9	1·0	·290	·235	87	92	SSW 6	W 5	10	3	·370	
7	28·91	29·02	35·0	34·6	32·0	42·0	1·0	0·8	·184	·185	90	93	SW 6	WNW 4	6	0	·250	✳ showers. Parhelion.
8	·40	28·10	42·6	42·2	32·0	45·4	1·6	3·4	·238	·202	87	76	SSE 10	SSW 9	10	10	·480	◢ (66 miles per hour) 10a.
9	·42	·86	39·2	36·2	35·0	43·6	0·8	1·2	·224	·191	93	89	W 8	SW 5	10	1	·310	◢ (65 miles per hour) 1a. ✳ ▲
10	·98	28·43	39·0	44·0	34·0	45·2	3·2	1·2	·178	·261	76	90	SSW 6	SE 11	1	10	·120	◢ (69 miles per hour) 9p. [showers.
11	28·93	29·08	40·0	36·4	34·0	45·8	3·0	1·0	·189	·197	76	92	SSW 6	W 2	8	8	—	
12	29·10	28·83	39·0	39·7	33·0	41·0	3·0	2·0	·181	·205	77	84	SSE 5	SSW 4	6	10	—	
13	28·80	28·70	39·0	39·5	34·0	39·8	2·4	3·1	·192	·183	81	76	S 2	NNW 6	5	10	·200	"Mackerel sky."
14	29·07	29·50	37·2	39·4	32·6	42·8	0·4	2·4	·214	·195	96	81	NW 6	WSW 5	9	0	·120	
15	·53	·47	42·8	48·0	38·0	48·0	1·8	1·2	·236	·304	86	92	WSW 5	SW 5	6	1	—	< a.
16	·69	·64	46·0	47·3	44·0	51·8	3·0	2·3	·244	·271	79	84	SW 5	WSW 6	10	8	—	
17	·71	·72	45·0	43·0	40·0	48·0	2·0	2·0	·253	·234	85	84	SSW 4	S 4	10	8	—	
18	·37	29·32	42·8	41·0	38·6	44·8	2·1	2·0	·231	·215	84	84	S 8	SSW 6	4	4	—	Very red sunset.
19	29·08	28·47	41·8	44·2	40·0	44·6	2·2	0·7	·221	·275	84	95	SSE 6	SSE 7	4	10	·600	
20	28·45	·57	41·0	55·3	34·5	45·1	1·0	0·8	·235	·191	92	93	W 4	WSW 2	10	9	·230	
21	·57	·84	36·2	41·4	33·0	42·6	0·9	1·4	·197	·231	92	89	SW 3	NW 6	2	6	·270	
22	28·89	28·97	40·0	40·5	35·0	44·8	0·7	1·5	·232	·220	94	88	S 8	SW 6	10	2	·150	
23	29·27	29·61	42·8	45·0	40·0	45·0	2·5	1·0	·223	·275	81	92	WSW 8	WSW 4	5	0	—	⚠ 7a.
24	·50	·31	44·0	44·3	40·5	45·8	1·3	0·3	·259	·284	90	98	SSE 6	WSW 1	5	10	·190	
25	·29	·65	42·8	39·0	37·2	45·6	2·8	1·0	·217	·218	79	92	W 5	W 3	8	5	·100	
26	·91	29·87	38·7	45·0	38·0	45·0	0·7	2·7	·221	·239	94	80	SW 2	S 6	0	9	—	Two parhelia.
27	29·84	30·05	45·0	46·0	43·5	46·0	1·3	1·5	·268	·276	90	90	S 5	SW 1	7	9	·300	"Mackerel sky." Red sunset.
28	30·22	·22	43·0	41·3	41·0	46·8	0·0	0·0	·277	·260	100	100	Calm 0	S 2	10	9	—	≋ 2 all day.
29	·29	·24	43·6	44·0	41·0	45·3	1·1	2·0	·259	·244	91	84	WSW 2	SW 1	2	0	—	Red sunset.
30	·15	·13	48·0	47·0	41·4	50·0	2·4	1·5	·276	·287	83	90	W 8	W 7	5	8	—	
31	30·20	30·26	41·5	37·0	36·2	47·8	2·7	4·2	·207	·146	80	67	NNE 4	NNW 6	7	9	—	
Mean	29·376	29·381	41·3	41·4	36·7	45·0	1·7	1·6	·226	·230	86·2	87·1	5·4	4·6	6·6	6·1	4·210	

DUNROBIN CASTLE.—DECEMBER 1893.

Height above Mean Sea Level, 12 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 8 inches. Rain-gauge, 1 foot.
Long. 3° 56′ W. Lat. 57° 59′ N. Gravity Correction, + ·034 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	30·00	30·12	22·8	27·5	22·0	35·7	1·3	2·2	·080	·090	66	60	NW	NW	—	—	·030	✳ showers.
2	30·17	·02	33·8	41·6	26·3	43·7	1·3	1·1	·168	·240	86	92	NW	NW	—	—	·540	Clear and frosty.
3	29·93	·10	48·9	45·4	39·7	48·9	1·2	1·4	·317	·270	92	90	NW	W	—	—	·410	Mild, with ● showers.
4	30·12	30·20	46·8	45·9	41·5	47·3	0·8	1·4	·301	·278	94	91	NW	NW	—	—	—	Dull and mild.
5	30·06	29·80	43·8	42·9	40·5	46·7	1·1	1·4	·261	·246	92	89	W	NW	—	—	·120	Mild day.
6	29·40	·23	53·7	40·4	40·0	55·5	3·7	1·4	·314	·222	76	89	SW	W	—	—	·200	Mild and blowy.
7	29·17	29·23	35·3	35·3	33·0	41·1	1·8	1·8	·174	·172	83	83	N	N	—	—	·170	Clear and blowy.
8	28·46	28·41	42·9	41·9	31·5	44·5	2·9	3·6	·216	·196	79	74	W	W	—	—	·190	Mild and very stormy.
9	28·77	29·14	38·9	34·1	34·0	43·7	1·4	1·8	·210	·161	90	81	NE	N	—	—	·060	Calm and cold. ● showers.
10	29·13	28·62	37·4	43·2	32·3	43·5	1·6	2·7	·192	·223	86	80	SE	E	—	—	—	Clear.
11	·13	29·29	36·4	35·1	31·7	43·3	2·1	3·8	·176	·137	82	66	SW	E	—	—	·050	
12	29·22	·07	40·4	35·8	31·0	42·5	1·4	2·5	·222	·164	89	78	E	E	—	—	—	Fair and cold.
13	28·97	·08	34·8	36·5	30·7	37·5	1·7	2·2	·168	·175	83	81	NE	E	—	—	·230	Frosty.
14	29·39	·66	38·9	37·4	31·7	42·7	1·4	1·9	·210	·187	90	84	NW	W	—	—	·070	✳ showers.
15	·77	·66	45·5	48·4	36·7	52·5	3·5	2·4	·229	·281	75	83	W	W	—	—	—	Dull and mild.
16	·93	·92	49·0	49·6	41·5	53·7	3·7	2·9	·261	·284	75	81	W	W	—	—	·100	Dull and mild.
17	·95	·85	43·0	40·6	38·3	49·6	2·5	1·6	·225	·219	81	87	NW	W	—	—	—	Clear and cold. [damage done.
18	·55	29·47	45·0	37·6	34·0	45·5	2·5	1·8	·243	·191	82	84	SW	W	—	—	—	↗ (gale). Fine, clear, and mild. (gale), great
19	29·19	28·60	40·4	43·4	34·3	44·1	1·4	1·9	·222	·241	89	85	SE	SE	—	—	·200	Cold wind. ● showers.
20	28·66	28·78	38·9	33·3	31·7	44·0	1·4	1·5	·210	·160	90	84	SW	W	—	—	·090	● showers *a*. Fine *p*.
21	28·82	29·21	36·8	37·8	30·5	41·7	1·5	2·5	·190	·180	88	79	NW	W	—	—	—	✳
22	29·06	·29	42·4	42·4	37·5	48·5	1·4	3·9	·241	·195	89	72	SW	W	—	—	·340	Clear and mild.
23	·57	·90	40·6	44·9	38·7	45·5	2·1	2·4	·211	·245	84	83	NW	NW	—	—	·200	Clear and mild.
24	·67	·46	45·4	47·4	39·0	48·1	1·7	3·1	·264	·256	88	79	SE	W	—	—	—	Clear and mild.
25	29·57	29·89	42·4	37·9	36·7	43·0	2·4	2·6	·221	·179	82	78	SW	W	—	—	—	Clear and mild.
26	30·10	30·04	36·9	42·9	32·5	43·3	1·3	2·9	·198	·216	88	79	NW	W	—	—	—	Clear *a*.
27	·05	·21	45·4	45·4	40·5	47·7	1·4	0·7	·271	·288	90	96	SW	W	—	—	·110	Fine and mild.
28	·37	·39	45·6	40·4	38·5	45·7	1·1	0·7	·281	·237	92	95	E	NW	—	—	—	Dull.
29	·45	·44	42·9	44·9	39·0	45·5	1·4	1·4	·246	·266	89	90	NW	NW	—	—	—	Fine and mild.
30	·43	·34	45·4	47·4	40·5	51·7	1·4	2·1	·271	·277	90	85	NW	W	—	—	—	Fine and mild.
31	30·36	30·45	47·9	36·3	34·5	48·7	2·4	4·0	·276	·145	84	66	NW	W	—	—	—	Dull and mild.
Mean	29·594	29·608	41·6	40·8	35·2	45·8	1·8	2·2	·228	·214	85·3	82·1	—	—	—	—	3·110	

BRAEMAR.—DECEMBER 1893.

Height above Mean Sea Level, 1,111 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet 3 inches. Rain-gauge, 9 inches.
Long. 3° 24′ W. Lat. 57° 0′ N. Gravity Correction, + ·030 in.

1	28·73	28·91	20·8	25·8	20·0	34·0	0·6	0·2	·091	·134	82	96	NW 0·5	NW 10	1	10	·020	Bright and cold.
2	29·16	·87	28·4	41·9	21·7	42·8	1·4	0·7	·114	·250	75	95	W 1	W 4	2	8	·130	Dull and cold.
3	28·81	28·86	43·6	43·6	40·3	46·3	1·3	4·0	·255	·203	89	71	SW 2	SW 1	8	8	·010	
4	·91	29·01	45·8	44·6	42·8	48·8	2·9	1·0	·245	·272	80	93	SW 1	SW 0·5	7	8	·020	Fine day.
5	·93	28·71	41·3	43·6	38·2	45·3	2·5	2·7	·209	·226	81	79	SW 4	SW 4	7	8	—	Fine day.
6	·35	·12	48·6	40·3	39·0	49·6	3·3	2·7	·267	·197	77	79	SW 6	SW 6	7	5	·230	Dull and gusty.
7	28·69	28·16	30·9	31·3	28·3	40·7	0·7	1·9	·155	·132	89	75	SW 0·5	W 0·5	8	7	·570	✳ showers.
8	27·38	27·43	37·0	34·6	29·9	39·8	1·4	0·0	·193	·201	88	100	S 10	SW 10	10	8	·470	↗ all day, with ✳ ● (sleet) ●.
9	27·69	·99	33·8	32·3	30·0	35·9	1·2	1·4	·170	·152	87	83	SW 1	SW 1	8	2	·090	✳ showers.
10	28·05	27·53	33·2	37·4	30·2	38·3	1·6	1·1	·157	·202	82	91	S 1	SW 10	7	8	·730	↗ (gale) from 2*p*. ✳ ● (sleet) ✳.
11	27·99	28·17	33·8	31·6	29·8	37·9	1·0	0·5	·174	·166	89	93	SW 6	SW 2	7	2	·060	Dull and cold.
12	·99	27·93	31·9	34·6	26·2	35·3	0·9	2·6	·159	·151	88	75	SE 0·5	SW 1	10	7	·090	Dull, with ✳.
13	27·75	27·84	29·8	33·8	24·7	35·3	1·2	2·2	·134	·150	80	78	SW 0·5	SW 1	10	3	·040	Dull, with ✳.
14	28·31	28·67	34·0	35·6	29·2	36·3	1·2	3·0	·172	·153	87	73	W 0·5	SW 4	8	1	·030	
15	·67	·63	39·6	48·6	34·8	49·6	1·8	2·2	·208	·290	85	85	SW 0·5	SW 6	5	8	·020	
16	·83	·76	46·3	45·6	42·8	50·2	2·5	2·0	·258	·261	83	85	SW 2	SW 4	8	2	·110	
17	·77	·83	39·3	37·8	34·8	46·3	0·9	0·9	·223	·210	93	93	SW 0·5	SW 0·5	3	3	·010	Fine day. T 8*p*.
18	·45	28·41	39·0	36·6	35·8	40·7	0·2	0·5	·234	·208	98	96	SW 2	SW 4	10	7	·170	Dull, dark, and damp.
19	28·01	27·55	35·4	39·8	34·8	40·8	1·5	1·2	·179	·221	87	91	SE 1	SW 6	8	10	·320	Gusty, with ●.
20	27·51	27·68	33·8	30·8	29·5	40·9	1·2	1·9	·170	·128	87	73	SW 1	SW 0·5	7	3	—	
21	27·73	28·06	33·6	39·0	29·7	39·7	1·8	1·4	·156	·210	81	89	SW 1	SW 0·5	8	8	·170	Dull, with ● showers.
22	28·01	·18	36·6	37·8	36·0	43·2	0·4	1·9	·209	·191	97	84	S 4	SW 4	8	8	·070	Dull, with ● showers.
23	·46	·70	39·4	41·8	36·8	42·7	3·6	1·9	·175	·227	73	86	SW 6	SW 1	4	4	·030	● 0 showers.
24	·56	·37	42·6	42·4	39·8	43·8	1·8	0·8	·235	·254	87	94	SW 6	SW 0·5	8	10	·340	Dull, with ●.
25	·43	·73	36·6	35·6	34·0	42·7	2·0	3·0	·180	·153	83	73	SW 4	NW 2	7	1	·030	● showers.
26	·93	28·94	35·6	41·6	32·8	42·0	1·0	2·2	·191	·218	91	83	S 0·5	SW 4	4	8	—	Fine day.
27	28·86	29·07	43·6	42·0	39·1	46·6	1·3	0·3	·255	·260	89	98	SW 4	SW 0·5	8	10	·050	Dull and mild, with ≋ 0 (mist).
28	29·17	·22	39·9	44·9	38·8	45·8	0·1	0·6	·244	·283	99	95	S 0·5	SW 0·5	10	10	·010	Dull and mild.
29	·30	·31	43·3	44·6	40·8	45·6	1·5	3·0	·248	·230	88	78	SW 0·5	S 1	6	4	—	Fine *p*.
30	·26	·23	45·6	42·6	41·6	47·3	2·8	2·8	·244	·215	81	80	SW 0·5	SW 4	4	4	—	Fine day.
31	29·16	29·23	44·0	33·9	33·2	46·2	1·4	2·0	·257	·155	89	80	SW 0·5	NW 1	7	6	—	Fine day.
Mean	28·460	28·486	37·6	38·6	33·7	42·6	1·5	1·7	·199	·203	86·0	85·3	2·2	3·1	6·9	6·2	3·820	

LAUDALE.—DECEMBER 1893.

Height above Mean Sea Level, 14 feet. Heights above Ground:—Bar., 11 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 5° 41′ W. Lat. 56° 41′ N. Gravity Correction, + ·031 in

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·99	30·17	23·5	32·1	21·7	39·9	0·4	0·6	·112	·169	89	92	Calm 0	Calm 0	0	4	·010	✳ *a.* and *p.*
2	30·33	·15	28·4	48·1	23·7	48·1	0·3	1·3	·147	·303	95	91	Calm 0	WNW 7	7	10	1·260	✳ *a.* ↗ ● *p.*
3	·10	·14	48·8	47·5	46·1	50·1	2·7	2·4	·280	·271	81	83	WNW 5	Calm 0	10	10	·280	↗ ● 2 *n.* Dull day.
4	·18	30·26	49·4	47·8	45·9	49·6	1·3	1·2	·320	·303	91	91	W 2	Calm 0	10	5	·030	≋ 0 (mist). Damp day. [● *p.*
5	30·12	29·88	48·1	49·4	43·3	51·3	2·7	2·3	·271	·295	81	85	W 1	W 3	10	10	·300	≋ 0 (mist) *a.* and *p.* Squally, with
6	29·57	·35	47·1	44·4	41·7	49·9	0·7	3·7	·307	·215	95	73	W 4	NW 7	10	9	1·060	≋ 0 (mist) *a.* ↗ ● *p.* (↗ 2 1*p.*–3*p.*)
7	29·24	29·31	39·7	39·1	35·1	45·5	2·6	2·3	·194	·194	79	82	N 6	N 2	10	2	·650	▲ 2 ✳ 2 showers. [✳ ● (sleet).
8	28·20	28·62	47·1	49·7	33·7	47·9	1·3	2·0	·292	·213	91	85	SSW 6	NW 9	10	4	·850	↗ 2 ("most dreadful gale"), ▲ and
9	28·87	29·14	39·8	39·7	33·3	45·9	2·7	3·6	·193	·177	79	72	NW 4	NW 2	7	4	·270	▲ 2 ✳ 2 ● 2 (sleet) ↗ *a.*
10	29·04	28·68	41·2	40·1	32·1	41·9	2·5	2·0	·209	·203	81	84	S 8	S 10	7	10	·590	▲ 2 *n.* ✳ ✢ · ↗ 2 all day. Bar.
11	·13	29·21	39·8	35·9	33·7	42·4	1·9	1·8	·208	·178	85	84	NW 2	WSW 2	7	10	·400	✳ ⚢ *a.* ✳ 2 ⚢ 2 *p.* [down to 28·56.
12	29·05	·05	37·1	37·1	32·7	41·9	2·0	2·8	·183	·109	83	76	S 2	Calm 0	7	1	·150	✳ 0 showers.
13	28·82	·08	37·9	38·1	32·3	38·9	2·5	2·0	·181	·191	79	83	E 2	NE 2	8	2	·180	✳ *a.* and *p.* Much cirrus *a.*
14	29·56	·79	40·1	40·1	34·3	41·9	2·0	1·4	·208	·219	84	89	N 3	SE 3	6	10	·420	✳ ● (sleet) *n.* ⚢ *a.* Fair day.
15	·87	·89	47·3	52·1	38·7	52·9	1·2	1·0	·297	·363	92	93	W 2	W 7	10	10	·420	● 2 *n.* Squally ↗ ● from 2*p.*
16	·94	·95	52·9	51·5	50·4	54·9	0·6	1·7	·384	·336	94	89	W 1	W 3	10	10	·210	● *a.* Squally and cloudy.
17	·95	·89	48·3	48·8	44·1	49·6	1·4	3·9	·304	·255	90	73	W 2	S 6	10	6	·150	Very warm. Squally ↗.
18	29·56	29·51	53·1	43·4	39·4	53·9	1·5	2·9	·362	·221	89	78	W 4	W 2	10	8	·200	Squally ↗ ● *a.* ● 2 showers *p.*
19	28·99	28·61	42·8	45·9	39·3	47·9	2·7	1·8	·219	·268	80	88	S 8	W 4	10	10	·700	↗ 2 till evening, force 11 at times. ●
20	·73	28·76	39·1	42·1	35·7	48·9	2·6	1·6	·189	·234	80	88	NW 3	SW 3	2	6	·420	▲ 2 and ✳ 2 ● 2 (sleet) showers.
21	28·03	29·20	42·1	48·1	35·3	45·8	2·6	2·1	·215	·252	81	84	N 5	N 7	8	10	·500	⚢ *a.* ▲ ✳ ● (sleet) *a.* and *p.* ↗ *p.*
22	29·09	·38	46·1	46·1	40·7	50·5	0·6	5·2	·298	·204	96	65	WSW 4	NNW 7	10	4	·650	● *a.* ▲ 2 ✳ 2 ● 2 (sleet) *p.* ⚢ 6*p.*–8*p.*
23	·73	·87	45·6	48·1	41·4	48·9	3·5	1·6	·230	·296	76	89	NNW 4	NW 3	10	7	·240	● 2 ✳ 2 ● 2 (sleet) showers.
24	·64	·51	48·1	43·1	42·5	50·9	2·0	1·0	·286	·256	86	92	SSW 4	Calm 0	10	10	·750	● 2 7·30*a.*–11·30*p.* Rivers flooded. ≋ 0
25	29·67	29·97	44·1	44·1	35·3	47·9	3·7	4·0	·212	·206	72	71	NNW 4	N 3	7	4	·450	▲ 2 ✳ 2 ● 2 (sleet) showers *p.* [*p.*
26	30·13	30·09	45·1	47·6	41·9	47·8	2·0	2·7	·254	·267	85	81	SSW 2	S 4	6	8	·100	Fair and warm. Squally *p.*
27	·05	·22	48·9	47·1	44·9	49·8	1·8	1·0	·302	·302	88	93	W 2	Calm 0	10	10	·510	≋ 0 (mist) ●. Warm.
28	·35	·45	46·1	48·5	45·3	51·3	1·0	1·1	·288	·313	93	92	Calm 0	Calm 0	10	10	·050	Fine and mild. ≋ 0 (mist). ● 0 *p.*
29	·54	·56	48·6	49·3	46·0	58·8	1·0	2·4	·318	·293	93	83	Calm 0	Calm 0	10	10	·030	Warm day. ≋ 0 (mist).
30	·57	·55	49·5	47·1	46·0	51·4	1·7	4·2	·311	·230	89	71	WSW 2	WNW 2	10	10	·030	≋ 0 (mist) ● 0 showers.
31	30·42	30·45	48·6	38·6	37·7	48·8	0·8	1·5	·323	·205	95	88	W 2	N 1	10	2	·040	Damp day. ≋ 0 (mist).
Mean	29·625	29·667	44·0	44·1	38·5	48·2	1·8	2·2	·255	·245	86·2	83·5	3·0	3·2	8·5	7·3	11·900	

DUNDEE.—DECEMBER 1893.

Height above Mean Sea Level, 160 feet. Heights above Ground:—Bar., 4 feet. Therms., 3 feet 9 inches. Rain-gauge, 1 foot.
Long. 2° 56′ W. Lat. 56° 28′ N. Gravity Correction, + ·030 in.

1	29·77	29·97	26·5	26·9	24·4	30·6	0·5	0·2	·127	·140	89	96	N 2	NW 2	5	0	—	
2	30·17	·96	26·8	41·0	24·7	41·7	0·8	2·3	·121	·210	83	82	NW 1	W 4	7	10	—	
3	29·89	29·91	46·7	46·7	40·9	49·2	1·5	3·0	·284	·251	89	80	W 1	W 2	10	10	—	Dull day.
4	29·94	30·07	47·7	44·0	42·5	50·4	2·0	0·7	·283	·272	86	94	W 1	W 1	10	10	·080	≋. ● 0 2*p.*–6*p.*
5	30·02	29·74	43·3	45·1	35·4	45·8	0·2	0·6	·276	·280	98	95	SW 1	W 1	10	10	·020	Dull day. ● at night.
6	29·46	·21	48·7	44·5	43·5	50·7	1·2	1·8	·314	·253	92	87	SW 8	SW 6	10	10	·060	↗ (gale) *n.* and during day. Dull day.
7	29·15	29·22	34·5	34·2	32·7	45·4	0·8	0·3	·182	·192	92	97	W 6	W 2	10	10	·160	● *n.* ✳ 8.30*a.*–10*a.* [showers.
8	28·40	28·57	41·5	39·0	33·3	45·1	0·7	1·5	·248	·209	94	88	SW 12	SW 10	10	10	·170	↗ 2 (violent gale) *n.* and till 9*p.* ●
9	28·76	29·05	36·6	34·9	33·7	40·0	0·1	0·6	·215	·191	99	94	SW 6	W 6	5	7	·020	✳ ● (sleet) ● showers.
10	29·20	28·62	32·6	40·8	28·7	41·9	0·3	1·1	·180	·232	97	92	SE 1	S 12	5	10	·060	↗ 2 (violent gale) ● showers *p.*
11	·13	29·20	34·7	33·1	32·3	41·9	0·2	0·4	·198	·180	99	95	S 1	W 1	10	7	·160	Cloudy day. ↗ (gale) in past *n.*
12	29·00	28·03	35·3	33·3	28·0	38·7	0·3	0·4	·201	·182	97	96	SE 1	SW 1	10	10	·080	✳ ● (sleet) *n.* and till 8*a.* Dull day.
13	28·72	28·83	34·0	36·9	28·4	38·8	1·3	1·4	·170	·193	86	89	E 4	W 2	10	10	·170	✳ ● (sleet) ● *n.* and till 3*p.*
14	29·33	29·72	38·3	37·2	32·6	40·5	2·6	1·3	·182	·196	79	88	W 6	W 1	7	0	—	
15	·73	·74	45·1	49·7	36·7	51·0	1·5	1·9	·265	·309	88	88	W 6	W 6	10	10	·110	Dull day. ● 3*p.*–4*p.*
16	·90	·83	48·7	48·7	48·4	51·8	0·0	1·5	·345	·306	100	89	SW 2	SW 6	10	10	·010	● showers *n.* and till 3*p.* Dull day.
17	·84	·86	45·1	34·9	34·2	49·9	1·6	0·3	·263	·197	88	97	SW 2	NW 1	0	5	—	Fine day.
18	·55	29·49	40·1	39·0	33·3	44·2	0·6	0·7	·236	·224	95	94	SW 2	NW 6	10	10	·010	Dull day. ● 0 1*p.*
19	29·01	28·59	38·5	40·6	34·3	43·5	0·5	0·6	·223	·240	93	94	SE 6	SW 2	10	10	·040	● 0 1*p.*–4*p.*
20	28·57	28·66	36·7	33·2	32·8	41·7	1·2	0·7	·195	·175	92	92	SW 1	W 2	10	10	—	Dull day.
21	28·77	29·03	35·5	40·6	31·3	41·9	0·9	1·1	·191	·230	92	91	W 1	W 6	5	7	·010	Fine day.
22	29·09	·26	40·8	40·0	38·7	47·2	0·8	1·5	·239	·217	94	88	SW 2	SW 6	10	5	·080	● showers 7*a.*–1*p.*
23	·53	·77	42·3	42·7	38·3	45·6	2·8	0·4	·213	·266	80	96	W 6	W 4	5	5	—	Cloudy day.
24	·65	·36	43·4	44·7	38·9	47·7	1·3	0·2	·253	·232	92	98	SW 6	SW 1	10	10	·710	● showers from 9.30*a.*
25	29·50	29·77	39·1	38·0	37·1	45·8	1·4	1·5	·211	·199	89	87	W 2	W 6	5	10	—	
26	30·03	30·04	37·3	42·5	35·3	42·9	0·6	0·6	·211	·259	95	95	S 1	W 1	5	10	—	Dull day.
27	·00	·10	42·0	44·0	41·0	46·4	0·3	0·0	·269	·288	98	100	SW 1	SW 1	10	10	·080	● 0 from 4*p.*
28	·22	·31	44·0	49·1	43·4	46·8	0·5	0·4	·277	·303	99	97	SW 1	SW 1	10	10	·050	● 0 showers *n.* and till 1*p.* ≋
29	·39	·49	44·7	43·7	43·4	47·0	0·2	0·2	·292	·281	98	98	SW 1	SW 1	10	10	—	Dull day. ∞
30	·35	·32	45·3	44·7	44·8	47·8	1·2	1·2	·274	·269	91	91	W 2	W 4	10	10	—	Cloudy day.
31	30·24	30·28	42·6	36·3	35·5	49·2	1·1	0·5	·249	·205	91	96	W 1	NE 1	5	10	—	Cloudy day.
Mean	29·525	29·542	40·0	40·2	35·7	44·9	0·9	0·9	·232	·234	92·0	92·4	3·0	3·4	8·2	8·6	2·080	

Glasgow.—December 1893.

Height above Mean Sea Level, 180 feet. Heights above Ground:—Bar., 4 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 4° 18′ W. Lat. 55° 53′ N. Gravity Correction, + ·029 in.

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind 9 a.m.	Force	Wind 9 p.m.	Force	Cloud 9 a.m.	9 p.m.	Rain 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%							ins.	
1	29·82	30·02	28·1	25·8	25·8	34·5	3·2	1·1	·074	·104	49	74	N	1	W	1	1	0	—	Fine and clear.
2	30·21	30·04	24·8	43·6	24·6	43·7	0·8	1·5	·106	·250	79	88	W	1	W	3	2	8	·092	≋⁰ (mist) *a.* Fine day.
3	29·95	29·94	47·1	47·1	42·9	49·2	1·5	2·8	·288	·259	89	80	W	2	W	1	10	10	·015	●⁰ *a.* Dull and overcast.
4	29·98	30·07	48·5	46·7	44·7	50·4	1·3	2·0	·308	·272	90	86	W	1	W	1	8	10	—	
5	30·01	29·76	44·3	47·5	42·2	47·7	0·5	0·9	·279	·306	96	93	SW	1	SW	2	10	10	·120	Dull and overcast. ●⁰ *p.*
6	29·49	·20	49·6	45·7	44·1	50·1	2·0	2·5	·305	·251	86	82	SW	3	SW	3	10	10	·500	Overcast and squally. ●² showers.
7	29·16	29·22	35·7	37·3	33·9	45·8	1·6	1·7	·180	·190	85	86	SW	2	SW	2	10	9	·460	[symbol] 7.30*a.* ●² ▲⁰ ✱⁰ showers.
8	28·32	28·62	44·3	39·5	36·9	46·1	1·4	3·0	·260	·185	89	77	S	5	SW	4	10	3	·188	Squally ⁄ gale. ●² ▲² showers. [symbol]
9	·80	29·07	36·1	36·7	33·0	41·1	1·0	1·6	·194	·187	91	86	SW	1	SW	1	4	10	·210	Overcast, with ●² ▲⁰ ✱² showers.
10	28·98	28·68	37·7	41·6	33·4	43·8	2·4	3·1	·181	·202	79	78	E	1	SW	6	10	3	·058	Overcast *a.* Squally ⁄ ●⁰ showers *p.*
11	29·05	29·18	36·9	36·5	35·1	41·8	2·4	3·1	·175	·160	81	74	S	2	S	2	5	4	·090	Fine day. ▲² shower 1.30*p.*
12	28·92	28·92	38·0	36·4	32·2	40·7	1·9	1·4	·192	·189	84	88	S	2	S	1	10	0	·165	●⁰ *a.* Dull and cloudy.
13	28·58	28·87	33·5	38·1	32·9	38·8	0·6	3·7	·180	·162	93	70	E	2	NW	2	10	0	·086	●⁰ ✱² *a.* ⊠. Overcast.
14	29·44	29·74	36·8	38·1	33·8	41·2	0·9	2·1	·201	·189	93	82	SW	1	S	1	3	10	·257	
15	·78	·77	46·7	50·8	37·1	51·7	1·0	2·5	·296	·309	93	83	SW	2	SW	4	6	10	·060	Overcast, with ●². Squally ⁄ *p.*
16	·90	·85	51·6	49·6	49·2	52·1	2·2	1·8	·325	·310	85	88	S	3	S	2	10	10	—	
17	·88	·81	46·1	44·5	44·5	49·8	2·4	3·0	·258	·229	83	78	SW	3	E	1	9	7	—	Fine and clear.
18	29·47	29·46	43·9	40·5	39·9	45·3	2·0	1·6	·244	·219	85	87	S	2	S	2	10	8	·215	●² 11*a.* ⌒. Dull and overcast.
19	28·89	28·49	39·7	43·1	37·9	44·8	2·2	1·4	·202	·248	82	89	E	2	S	1	10	10	·065	Dull and overcast. ●⁰ shower *p.*
20	·60	28·71	35·8	35·3	33·3	43·4	1·0	2·2	·193	·164	92	79	W	1	W	1	6	7	·245	Cloudy day. ✱⁰ ●⁰ showers *p.*
21	28·86	29·16	36·9	42·5	33·0	43·1	1·3	2·7	·194	·216	89	80	W	2	W	3	10	1	·125	✱⁰ ●⁰ showers.
22	29·04	·33	44·9	41·9	39·1	48·6	0·7	3·4	·281	·200	95	76	SW	2	SW	3	10	7	·160	Overcast, with ●⁰ showers.
23	·61	·79	45·2	44·9	40·9	47·1	3·3	1·5	·230	·263	76	89	SW	3	S	2	6	10	·072	⌒. Dull and cloudy.
24	·55	·34	45·8	43·2	43·2	49·3	1·3	0·5	·279	·268	91	96	S	3	SW	2	10	10	·780	Overcast, with ●².
25	29·58	29·86	38·5	39·2	38·5	43·8	1·7	2·0	·199	·201	86	84	SW	2	S	1	3	1	·072	●² showers *a.* Overcast.
26	30·03	30·01	41·1	45·4	38·0	45·5	0·9	2·2	·238	·253	93	84	SW	1	S	2	9	10	—	Dull and overcast.
27	29·99	·07	46·2	47·9	44·2	48·3	1·1	0·4	·287	·323	93	98	S	1	Calm	0	10	10	·130	Dull and overcast. ●⁰ in evening.
28	30·22	·32	47·8	47·1	47·1	48·7	0·4	1·5	·323	·288	97	89	SW	2	SW	2	10	10	—	Dull and overcast.
29	·42	·45	45·8	43·7	43·7	47·3	0·8	0·7	·289	·269	94	94	SW	1	SW	1	10	4	—	Dull and overcast.
30	·42	·38	46·0	44·2	43·5	48·2	1·2	3·1	·283	·224	92	77	SW	2	W	3	10	10	—	Dull and overcast.
31	30·26	30·27	46·1	41·5	41·0	48·5	1·9	1·9	·268	·223	86	86	SW	2	E	1	10	10	—	Cloudy day.
Mean	29·523	29·560	41·6	42·1	38·4	45·8	1·5	2·0	·236	·229	87·0	83·9		1·9		2·0	8·1	7·2	4·165	

Wolfelee.—December 1893.

Height above Mean Sea Level, 587 feet. Heights above Ground:—Bar., 14 feet. Therms., 4 feet. Rain-gauge, 6 ins.
Long. 2° 39′ W. Lat. 55° 23′ N. Gravity Correction, + ·025 in.

Day.	Barometer 9 a.m.	9 p.m.	Air Temp. 9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet 9 a.m.	9 p.m.	Vapour Tension 9 a.m.	9 p.m.	Per-centage 9 a.m.	9 p.m.	Wind 9 a.m.	Force	Wind 9 p.m.	Force	Cloud 9 a.m.	9 p.m.	Rain	Remarks.
1	29·29	29·47	27·5	21·5	18·0	40·0	0·0	0·0	·150	·116	100	100	N	0·5	NW	0·5	2	0	—	✱⁰ *a.* Fine and clear *p.*
2	·72	·61	23·5	37·0	21·0	37·5	0·0	0·0	·126	·220	100	100	NW	0·5	W	3	2	2	—	Clear and frosty *a.* Cold and blowy *p.*
3	·50	·47	45·8	44·0	37·0	48·0	1·3	0·5	·279	·277	91	96	NW	2	W	0·5	8	0	—	Dull *a.* Fine and mild *p.*
4	·47	·61	48·0	42·0	41·0	50·2	1·5	0·0	·297	·267	90	100	NW	0·5	E	0·5	7	10	·060	Fine and mild *a.* Dull, with ●⁰ *p.*
5	·61	29·36	41·0	45·5	37·0	45·5	0·5	0·5	·246	·293	96	96	SW	0·5	W	5	5	10	·010	Dull and blowy *p.*
6	29·14	28·84	48·0	45·0	42·5	49·5	1·0	1·5	·309	·264	93	89	SW	5	SW	8	7	5	·370	Fine *a.* ⁄ (gale). ●² showers *p.*
7	28·77	·84	34·0	35·0	33·5	45·0	0·5	0·5	·186	·194	95	95	W	3	W	2	5	2	·670	✱ early *a.* Cold and blowy *a.*
8	·11	·30	43·5	39·0	34·5	44·5	0·5	0·5	·271	·228	96	96	SW.	9	SW	4	10	8	·170	⁄ ● *a.* Dull and blowy *p.*
9	·43	·67	35·0	34·5	32·0	44·9	1·5	0·5	·174	·190	85	95	SW	4	SW	0·5	3	0	·050	Fine and clear.
10	·63	·38	32·5	39·0	30·0	40·8	0·5	1·4	·174	·210	94	89	SSW	5	SW	6	2	10	—	▲ *a.* Fine and blowy *a.* Blowy *p.*
11	·64	·77	35·0	33·0	31·0	41·0	0·5	0·5	·194	·177	95	94	WSW	0·5	SW	0·5	9	0	·030	Dull, with ● showers *a.* Fine *p.*
12	·55	·51	35·5	30·5	29·6	38·5	1·0	0·0	·189	·171	91	100	SW	2	SW	0·5	5	0	·200	✱² *n.* Stormy *a.* Fine and clear *p.*
13	·14	28·39	34·6	36·2	29·0	39·2	1·6	0·7	·169	·201	84	94	SSE	3	S	0·5	10	10	·840	Stormy, with ✱ ● (sleet) ● *a.* Dull *p.*
14	28·94	29·32	36·5	35·0	31·0	40·0	1·7	1·0	·184	·184	85	90	WNW	2	W	2	0	0	·400	Fine and clear.
15	29·35	·39	45·8	48·0	34·0	52·0	1·3	0·5	·279	·322	91	97	SW	4	SW	5	8	10	·440	Stormy *n.* ● showers *a.* Dull day.
16	·52	·42	48·5	47·0	46·5	49·8	0·5	1·0	·328	·298	96	93	SW	8	SW	6	10	10	·310	⁄ ● *a.* Dull and blowy *p.*
17	·42	·39	45·0	37·0	36·0	47·0	1·5	1·0	·264	·200	89	91	W	4	SW	0·5	5	0	—	Blowy *a.* Fine and clear.
18	29·13	29·04	38·5	37·0	36·0	43·0	0·5	1·5	·223	·191	96	87	SW	2	SW	1	7	2	·060	Fine *a.* ● showers.
19	28·51	28·14	41·0	36·0	34·0	44·0	0·5	1·0	·246	·193	96	91	SSE	4	SSW	2	10	9	·440	Dull, with ● *a.* Fine and clear *p.*
20	·22	·30	35·0	33·5	30·5	37·5	1·0	1·5	·184	·161	90	84	SW	0·5	SW	2	2	0	—	Fine and clear.
21	·45	·75	34·5	40·0	31·2	41·0	2·0	2·2	·161	·203	80	82	SW	5	SW	0·5	5	2	·130	Cold *a.* Fine and clear *p.*
22	28·72	28·94	40·0	39·0	36·0	48·0	0·5	1·4	·237	·210	96	89	SW	4	SW	0·5	10	3	·320	Blowy, with ● *a.* Fine and clear *p.*
23	29·20	29·39	40·0	42·5	38·0	44·5	2·0	0·5	·207	·261	84	96	SW	5	SW	0·5	2	2	·020	Blowy *a.* Fine and clear.
24	·21	28·88	42·0	45·0	41·0	45·5	0·5	0·5	·256	·287	96	96	SW	2	SW	2	9	10	·830	Dull, with ●⁰ *a.* ● *p.*
25	·16	29·40	36·0	37·8	36·0	47·8	0·5	1·8	·203	·192	96	85	W	0·5	SW	0·5	7	4	·070	● showers *a.* Fine and clear *p.*
26	·72	·65	35·0	42·5	34·0	43·0	0·5	0·7	·194	·257	95	94	SW	0·5	SW	0·5	3	10	·020	Fine and clear *a.* ●⁰ *a.*
27	·58	·69	42·0	44·0	39·0	44·5	0·5	0·5	·256	·277	96	96	SW	0·5	SW	0·5	8	8	·040	Dull day.
28	·78	·88	45·5	42·5	42·0	46·0	0·5	0·3	·293	·265	96	98	SW	0·5	SW	0·5	10	5	—	Dull *a.* Fine *p.*
29	·96	·98	43·5	43·5	41·0	46·0	0·7	0·7	·267	·267	94	94	SW	0·5	SW	0·5	3	5	—	Fine day. Mild *p.*
30	·96	·88	44·0	45·0	43·0	45·0	1·4	2·2	·257	·249	89	84	SW	0·5	SW	0·5	7	5	—	Mild *a.* Fine day.
31	29·80	29·79	42·0	40·0	38·5	47·0	1·0	0·5	·245	·237	92	96	SW	0·5	N	0·5	3	9	·050	Fine and very mild *a.* ● showers *p.*
Mean	29·116	29·143	39·3	39·3	35·0	44·4	0·9	0·8	·227	·228	92·5	93·1		2·6		1·8	5·9	4·9	5·530	

Scarborough.—December 1893.

Height above Mean Sea Level, 159 feet. Heights above Ground:—Bar., 1 foot. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 0° 23′ W. Lat. 54° 17′ N. Gravity Correction, + ·025 in.

Day.	Barometer at 32° Faht. 9 a.m.	9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet. 9 a.m.	9 p.m.	Vapour Tension. 9 a.m.	9 p.m.	Per-centage. 9 a.m.	9 p.m.	Wind 9 a.m.	Force	Wind 9 p.m.	Force	Cloud 9 a.m.	9 p.m.	Rain 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%							ins.	
1	29·61	29·95	35·4	33·1	26·3	42·6	1·2	1·1	·183	·166	89	88	NE	6	NE	6	10	6	·240	✱ *a.* Fine later.
2	30·20	30·18	31·4	27·4	25·4	33·1	1·2	0·0	·147	·149	84	100	N	3	NW	4	3	4	—	Cloudy all day.
3	29·99	29·94	39·6	42·2	27·2	46·7	0·4	0·6	·235	·256	96	95	NW	3	W	3	3	0	·100	Gusty all day, with ● showers.
4	29·93	30·04	46·8	44·6	40·3	49·8	1·6	4·4	·283	·204	88	69	NW	1	W	1	10	0	—	Cloudy, then bright.
5	30·14	29·90	39·7	43·2	33·8	46·3	1·5	0·6	·214	·266	88	95	SW	2	NW	3	10	10	·070	Dull all day. ● showers.
6	29·70	·40	47·8	43·5	41·3	49·6	0·0	2·7	·333	·225	100	79	W	3	SW	3	10	6	·040	Dull, with ●⁰ all day.
7	29·33	29·37	39·6	37·8	34·3	44·7	1·2	2·4	·219	·182	90	80	W	3	NW	3	0	0	·010	Bright, then cloudy.
8	28·90	28·90	44·6	42·3	35·2	47·8	0·6	2·2	·280	·224	95	84	SW	8	W	2	4	10	·080	Squally ⁄ *a.* ● at night.
9	28·98	29·20	36·4	37·3	33·4	43·8	0·3	1·7	·209	·190	98	86	NNW	3	NW	1	0	0	—	Brilliant all day.
10	29·21	·08	38·2	40·2	30·2	41·6	1·2	2·1	·207	·207	90	84	NW	2	SE	6	4	10	·160	Dull day. ● at night.
11	·10	29·32	41·8	36·2	32·1	42·3	1·5	1·4	·232	·186	88	87	NW	2	Calm	0	10	0	·010	≋ *a.*, then bright.
12	29·17	28·93	38·1	42·1	31·6	46·2	0·1	1·4	·228	·238	99	89	SSW	2	SW	2	10	10	·580	● all day.
13	28·74	28·92	45·0	43·6	40·3	52·6	0·0	2·4	·299	·231	100	81	SW	4	SW	6	10	6	—	Dull and gusty.
14	29·44	29·87	35·4	37·4	32·6	47·4	1·3	1·2	·182	·200	88	90	W	3	SW	2	0	0	—	Cold *n.* and *a.* Warm midday.
15	29·95	30·01	40·1	48·4	35·4	51·5	0·5	1·2	·238	·308	96	91	SW	3	SW	4	10	2	·020	●⁰ all day.
16	30·09	30·08	48·2	46·8	42·3	52·4	0·8	2·1	·318	·270	95	85	NW	3	SW	2	4	6	—	
17	30·03	29·95	42·6	39·6	35·4	46·8	0·6	1·4	·260	·215	95	89	W	2	S	2	4	6	—	Bright midday. ≋ at night.
18	29·77	29·63	38·9	42·3	36·9	45·8	0·2	0·3	·233	·264	98	98	SW	3	Calm	0	6	10	·040	Squally *a.*, then ●⁰.
19	29·19	28·70	42·6	43·4	38·7	47·2	5·2	0·8	·174	·264	64	94	NW	6	NW	2	10	10	·080	Gusty, then ● showers.
20	28·77	28·55	39·9	40·6	37·2	46·5	1·5	2·5	·216	·203	88	81	NW	3	N	3	10	10	·370	● all day.
21	29·00	29·28	37·8	36·4	34·2	40·8	1·4	1·3	·199	·189	88	89	N	4	NE	3	0	2	—	Brilliant all day.
22	·35	·41	39·8	38·7	36·4	41·3	1·4	1·1	·217	·213	89	91	W	3	SW	2	10	4	·040	Dull, with ●⁰.
23	·74	·93	42·1	44·3	38·3	49·8	0·8	1·2	·249	·264	93	91	SW	2	SW	3	0	6	—	Brilliant *a.*, then dull.
24	·84	·52	41·0	45·2	37·4	48·2	0·0	0·2	·257	·297	100	99	SE	2	W	3	10	4	·090	≋ *a.*
25	29·65	29·87	41·6	42·4	39·6	47·3	1·4	0·7	·233	·256	89	95	W	4	SW	1	2	0	·030	● *a.*, then fine.
26	30·14	30·16	38·6	39·6	36·2	45·1	1·4	1·4	·206	·215	89	89	NW	3	Calm	0	0	0	—	Brilliant all day.
27	·15	·19	40·0	42·2	35·4	44·6	0·8	1·1	·231	·245	94	91	NW	2	W	2	10	4	—	Brilliant midday. ≋ at night.
28	·32	·39	41·6	42·7	35·0	45·3	0·6	0·6	·250	·261	95	95	W	1	Calm	0	6	3	—	Cloudy day. ≋ at night.
29	·44	·51	44·5	41·3	40·1	46·7	0·9	0·3	·273	·254	93	98	SW	1	Calm	0	8	10	—	≋ at night.
30	·51	·42	37·1	37·1	30·3	41·4	0·9	0·3	·204	·215	92	97	SW	1	NW	2	10	3	—	≋ all day and at night.
31	30·26	30·16	36·1	41·6	28·0	46·3	0·9	0·9	·195	·243	92	93	W	2	NW	2	0	10	·120	Cold and bright. ● at night.
Mean	29·665	29·669	40·4	40·8	34·9	45·9	1·0	1·3	·232	·229	91·7	89·5		2·9		2·4	5·9	4·9	2·080	

Cronkbourne (Douglas) Isle of Man.—December 1893.

Height above Mean Sea Level, 137 feet. Heights above Ground:—Bar., 3 feet. Therms., 4 feet. Rain-gauge, 10½ inches.
Long. 4° 29′ W. Lat. 54° 10′ N. Gravity Correction, + ·024 in.

Day.	Barometer 9 a.m.	9 p.m.	Air Temp. 9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet 9 a.m.	9 p.m.	Vapour Tension 9 a.m.	9 p.m.	Per-centage 9 a.m.	9 p.m.	Wind 9 a.m.	Force	Wind 9 p.m.	Force	Cloud 9 a.m.	9 p.m.	Rain	Remarks.
1	29·77	30·09	32·8	27·0	27·0	40·0	0·8	0·0	·170	·147	91	100	N	4–5	Calm	0	4	1	·022	● ✱ *a.* Fine day. ✱ showers *n.* ∼
2	30·29	·27	26·8	37·0	22·8	39·4	0·8	1·4	·119	·193	83	88	N	1	WNW	2	0	3	·080	✱ showers *a.* Fine day. ⊠
3	·13	·09	46·0	49·0	36·3	49·0	1·0	1·5	·287	·310	93	90	NW	5–6	WNW	4	7	10	·058	Squally ⁄ ● *a.* ●⁰ showers *p.*
4	·10	30·15	49·7	47·9	47·0	49·8	0·6	0·9	·340	·310	96	94	NW	5	NNW	6	10	3	·027	Overcast, with squally ⁄ ●⁰ showers.
5	30·16	29·99	46·3	49·0	44·0	49·0	1·6	1·0	·276	·322	89	93	W	1	SW	5	7	10	·080	Dull, with ●⁰ showers.
6	29·76	·45	49·8	49·0	47·4	51·2	1·2	1·0	·328	·322	91	93	SW	4	WSW	5–6	9	6	·272	Overcast. Squally ⁄ ● showers *p.*
7	29·40	29·34	40·2	44·9	38·0	49·0	2·8	3·1	·194	·231	78	78	WSW	5	SW	6	4	7	·253	Fine day. Squally ⁄. ● showers *n.*
8	28·78	28·86	47·8	39·0	36·7	49·9	3·4	2·0	·254	·199	77	84	WSW	7–9	WSW	7	7	10	·184	Squally ⁄ ●² *a.* Stormy day. ▲² *p.*
9	29·04	29·20	40·4	39·0	36·7	41·8	3·0	2·5	·192	·190	77	81	WSW	4	WSW	3	4	2	—	▲ showers *a.* Dull day. ⎵ *p.*
10	28·96	28·97	41·0	43·2	39·0	47·8	2·8	2·7	·201	·223	78	80	ESE	7	WSW	8	10	8	·200	Overcast, with squally ⁄ ●² showers.
11	29·18	29·28	40·0	32·0	30·0	44·0	2·6	1·3	·194	·151	78	83	NW	1	N	2	3	2	·312	⁄ (force 7) *a.* T ▲² ✱² ●² (sleet) *n.*
12	29·06	29·03	43·0	32·4	31·0	43·4	3·4	0·4	·208	·176	75	96	WSW	2	N	1	8	1	·446	[symbol] 3*a.* ▲² ✱ ● showers *a.* ●² *n.*
13	28·52	28·99	49·8	43·0	30·5	49·8	0·5	4·0	·345	·197	96	71	S	5–6	NW	4	10	5	·323	Overcast, with squally ⁄ ●².
14	29·60	29·91	40·6	42·4	37·0	44·8	2·8	0·4	·198	·262	78	97	WNW	4	SSW	3	1	4	·278	Fine day. ● at night. ⎵
15	29·97	30·04	49·8	51·0	41·7	52·2	0·4	1·2	·348	·343	97	92	SW	4	SW	6	9	9	·025	● *a.* Overcast. Squally ⁄ ● *n.*
16	30·07	30·02	51·0	49·2	47·8	52·0	2·2	0·7	·318	·332	85	96	SSW	5	SSW	5–6	6	10	·364	Squally ⁄ *a.* and *p.* Dull day. ● *n.*
17	30·04	29·85	48·8	57·0	45·6	59·2	1·8	1·0	·300	·434	87	93	SSW	3	SE	4	8	10	·002	Cloudy day. [symbol]
18	29·63	29·60	47·5	45·0	40·2	57·0	1·7	3·2	·287	·229	88	77	S	5–6	SSW	4	10	6	·258	Squally ⁄ ● *a.* Overcast. ● *n.*
19	28·90	28·73	44·7	44·8	43·2	47·5	1·1	3·3	·271	·226	92	77	SSE	5–6	WNW	7–8	10	8	·097	● *a.* Overcast, with squally ⁄.
20	28·67	28·86	39·8	40·0	37·5	44·8	1·4	3·5	·217	·181	89	73	N	1	WNW	4	10	2	·034	Overcast. ● showers in afternoon.
21	29·13	29·39	39·8	43·0	37·6	43·5	2·5	3·2	·197	·211	80	77	W	5–6	W	5	4	4	·306	Squally ⁄ (force 7 at times). ● *n.*
22	·27	·55	49·0	43·8	40·1	49·9	0·6	1·9	·332	·245	96	85	SW	4–5	WSW	6	10	8	·292	●². Overcast, with squally ⁄.
23	·82	·91	44·8	46·0	42·5	47·8	1·4	0·8	·264	·292	89	94	WSW	4	SW	2	1	2	·095	Fine day. ● at night.
24	·70	·41	48·5	47·0	44·7	49·5	0·5	0·2	·328	·318	96	99	SSW	6	NW	2–3	10	10	·483	⁄ *a.* Overcast, with ●.
25	29·79	29·94	42·5	43·0	40·5	47·0	3·5	3·3	·202	·210	74	76	W	4	NNW	7–8	3	3	·283	●² *a.* and *p.* Cloudy, with squally ⁄.
26	30·14	30·13	44·9	47·0	35·7	49·5	0·8	2·7	·278	·260	94	81	SW	2	SW	6	6	8	·031	⎵ *a.* Dull *a.* Fine *p.* ⁄ ●⁰ *n.*
27	·14	·17	47·0	48·3	44·7	48·5	0·3	0·3	·316	·331	98	98	S	3	SW	6–7	10	10	·050	Overcast, with ● showers. ⁄ *p.*
28	·35	·42	47·8	46·8	45·5	48·3	0·4	1·0	·323	·296	97	93	SSW	2	SW	4	10	10	·040	Overcast, with ● showers.
29	·50	·53	46·4	45·8	45·8	48·0	0·6	0·7	·301	·291	96	95	Calm	0	Calm	0	10	10	—	Overcast all day.
30	·55	·49	46·5	42·0	41·0	47·2	0·8	1·0	·298	·245	94	92	SW	1	WNW	2	10	2	·005	Overcast. ● shower *n.*
31	30·38	30·29	43·0	46·0	34·3	46·0	1·0	1·0	·255	·287	92	93	WNW	1–2	NW	2	9	10	·020	Dull day. ● showers from 3*p.*
Mean	29·669	29·707	44·4	43·9	39·1	48·0	1·6	1·7	·263	·257	87·9	87·7		3·7		4·2	7·1	6·3	4·920	

STONYHURST.—DECEMBER 1893.

Height above Mean Sea Level, 375 feet. Heights above Ground :—Bar., −12 feet. Therms., 7 feet. Rain-gauge, 2 feet.
Long. 2° 28′ W. Lat. 53° 51′ N. Gravity Correction, + ·023 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	Dep. of Wet. 9 p.m.	Vapour Tension. 9 a.m.	Vapour Tension. 9 p.m.	Per-centage. 9 a.m.	Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind 9 p.m.	Cloud Amount. 9 a.m.	Cloud 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·46	29·82	33·0	25·6	25·0	38·0	4·6	3·1	·104	·058	55	42	NbyW 2	NNW 2	0	0	—	Fine day.
2	30·04	30·03	23·0	27·0	20·7	32·3	2·0	1·5	·063	·102	52	70	Calm 0	Calm 0	0	0	·083	Fine day. ≡⁰ (mist).
3	29·89	29·80	41·9	46·2	26·5	46·5	0·5	0·6	·255	·299	96	96	WbyS 3	W 3	10	10	·130	Overcast. ● ≡⁰ (mist).
4	·79	·88	46·0	44·3	44·3	48·7	0·7	1·4	·294	·260	95	89	W 2	Calm 0	10	10	·028	●⁰ ≡⁰ (mist) a. Overcast day.
5	·94	·77	43·0	43·9	41·5	48·8	0·5	0·4	·266	·278	96	97	Calm 0	swbyw 3	10	10	·137	≡ ●⁰ a. Overcast.
6	·58	·26	47·0	47·8	43·5	48·3	1·8	1·5	·280	·296	87	89	swb.w 3	SW 4	10	10	·358	Overcast and squally.
7	29·17	29·22	40·0	38·4	38·1	48·0	3·0	1·8	·189	·197	76	86	WbyS 4	SW 1	8	10	·175	Squally a. ▲ shower p.
8	28·65	28·69	46·1	41·3	36·5	47·7	2·8	2·4	·249	·211	80	81	swbys 5	swbyw 2	10	10	·545	Squally, with ● showers a. < ✱
9	·81	29·01	36·0	56·0	33·1	41·3	1·4	1·0	·186	·193	87	91	SSW 2	WSW 1	8	10	·274	T ▲ ✱ ● [● p.
10	·91	28·84	37·0	40·7	32·1	45·0	2·6	3·2	·172	·192	78	76	ESE 2	swbys 2	10	10	·340	▲ ● showers a. Overcast.
11	·95	29·09	33·0	33·5	32·0	40·7	0·4	1·5	·179	·161	95	84	Calm 0	Calm 0	10	0	·060	≡ then ✱ ●.
12	·90	28·81	39·3	34·5	30·6	40·8	1·0	0·5	·221	·190	92	95	SbyE 1	Calm 0	10	10	·780	Overcast, with ●.
13	28·44	28·70	46·3	39·5	33·2	50·3	1·6	2·0	·276	·204	89	84	Calm 0	W 2	9	0	·090	Overcast. ● p.
14	29·32	29·73	36·6	34·9	34·2	41·5	1·6	0·7	·186	·189	86	93	Calm 0	Calm 0	9	0	·116	●⁰, then fine. ≡⁰ (mist) 9p.
15	·71	·89	46·0	49·0	34·2	50·0	0·7	2·0	·294	·298	95	86	Calm 0	Calm 0	10	10	—	Overcast.
16	·93	·86	50·3	45·5	35·7	50·3	3·5	2·5	·279	·248	77	82	Calm 0	SSW 2	9	10	—	Overcast.
17	·81	·70	44·0	42·0	40·2	46·5	1·6	1·0	·252	·245	87	92	Calm 0	SE 1	10	10	—	Double ⌒ 7p.
18	29·51	29·43	40·0	39·9	38·9	45·5	1·7	0·9	·213	·227	86	93	SbyE 2	Calm 0	10	10	·170	Overcast, with ● showers.
19	28·82	28·52	45·0	43·2	37·5	46·3	1·5	1·2	·264	·253	89	90	SbyE 1	swb.w 2	10	10	·238	Overcast, with ● showers.
20	·48	28·60	38·1	38·2	33·7	43·2	1·1	2·9	·207	·176	90	76	Calm 0	WNW 2	10	4	·188	≡⁰ (mist) ✱ ● a. ▲ 10.30p.
21	28·87	29·17	39·0	42·0	36·2	42·0	2·6	2·4	·188	·218	80	82	Calm 0	WbyS 3	10	10	·022	▲ showers a. Overcast.
22	29·14	·30	41·0	42·3	37·6	48·3	0·5	1·5	·246	·238	96	89	SSW 1	WbyS 2	10	0	·538	●⁰ a. ●² p.
23	·61	·72	41·2	41·3	40·2	45·5	0·5	1·0	·248	·239	97	92	SW 1	WSW 1	10	4	·063	≡⁰ (mist) 9a. Cloudy day.
24	·61	·24	41·9	48·0	40·7	48·5	1·5	0·7	·235	·317	89	95	Calm 0	SEb.S 4	10	10	·370	● a. Stormy p.
25	·55	·73	41·5	40·7	40·7	49·2	2·3	2·7	·215	·200	83	79	WSW 4	W 5	3	3	·080	● p.
26	·95	·95	38·5	40·3	36·1	43·6	0·5	1·0	·223	·229	96	92	Calm 0	Calm 0	7	5	—	≡⁰ (mist).
27	29·93	29·99	42·2	44·2	39·2	44·3	2·1	1·2	·225	·263	85	91	SW 1	S 1	9	10	·010	●⁰ p.
28	30·12	30·21	41·6	43·0	40·6	44·5	0·6	0·3	·250	·270	95	98	Calm 0	Calm 0	10	10	·015	Overcast, with ≡⁰ (mist). ●⁰ p.
29	·26	·31	42·0	43·4	41·3	44·6	0·5	0·5	·256	·271	96	96	Calm 0	Calm 0	10	10	·037	≡⁰ a. ●⁰ p.
30	·31	·25	36·9	35·0	34·0	43·7	0·7	1·0	·205	·184	94	90	Calm 0	Calm 0	10	10	—	≡ all day.
31	30·12	30·01	38·3	40·7	33·7	43·7	0·3	0·5	·225	·243	98	96	swb.w 1	Calm 0	10	10	·070	≡ a. Fine p.
Mean	29·471	29·500	40·5	40·4	35·9	45·1	1·5	1·4	·224	·224	87·0	86·8	1·1	1·4	8·8	7·3	4·917	

HILLINGTON.—DECEMBER 1893.

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

Day.	Bar. 9 a.m.	Bar. 9 p.m.	Air 9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet 9 a.m.	9 p.m.	Vap. Tension 9 a.m.	9 p.m.	Per-cent. 9 a.m.	9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	Cloud 9 p.m.	Rain 9 a.m.	Remarks.
1	29·62	30·02	35·0	29·9	29·0	46·6	0·1	1·1	·201	·137	99	82	NW 2	N 2	10	0	·327	● a. ✱ p.
2	30·30	·28	28·1	22·7	22·0	33·8	0·1	0·1	·151	·118	98	97	NW 1	NW 0·5	0	0	—	⊠⁰. Very fine and sunny.
3	·22	·11	27·3	36·9	20·0	38·4	1·0	0·4	·117	·211	80	97	NW 1	SW 1	5	9	·042	≡ before 9a. Overcast all day.
4	·05	·09	38·4	38·5	34·7	43·5	0·4	1·0	·225	·214	97	92	NW 1	NW 0·5	9	0	·020	≡ early a. Damp and overcast all [day.
5	30·24	30·15	40·0	38·4	37·1	42·3	2·2	1·6	·203	·200	82	87	NE 0·5	SW 0·5	8	10	·027	Overcast all day. ≡⁰ (mist).
6	29·97	29·75	42·0	47·0	36·0	47·4	0·5	2·3	·256	·269	96	84	SW 2	SSW 4	10	10	·062	●⁰ early a. Damp and overcast all [day.
7	·53	·61	44·1	36·1	35·0	47·4	1·3	1·7	·260	·179	89	85	SW 2	S 3	7	0	—	
8	·30	·16	43·2	43·1	34·1	48·3	3·0	0·9	·217	·258	78	93	SW 5	W 1	10	0	·245	Squally, with ●² 10a.—1p.
9	·14	·38	35·9	36·0	35·2	47·5	0·4	1·3	·203	·186	97	88	SW 2	WSW 1	6	3	—	Violent squalls of ● ▲ 2a. Very fine [and sunny.
10	·41	·29	34·5	43·0	29·7	45·5	0·9	2·1	·182	·232	91	83	SE 3	S 3	10	0	·060	⌴² a. ↗ 3p.—5p. ●⁰ 5p.
11	·28	·40	45·0	31·2	31·1	46·4	1·1	0·3	·273	·168	91	96	S 3	SW 0·5	10	0	·060	●⁰ 7a.—10a. ⌴ p. [p.
12	29·40	·10	40·3	43·0	28·9	46·3	0·6	1·3	·237	·248	96	90	SW 3	SSW 8	10	10	·267	●⁰ a. and p. Overcast all day. ↗
13	28·99	29·01	48·0	48·0	39·1	55·6	0·7	3·3	·317	·258	95	77	SW 2	SW 7	8	10	—	Fine and mild. ↗ p.
14	29·59	30·05	37·0	31·5	31·5	48·5	2·4	0·6	·175	·162	80	92	NW 1	NW 0·5	8	0	·020	Fine day. Much cir. ⌴ p.
15	30·19	·28	39·0	46·2	28·7	49·5	2·4	1·5	·192	·277	81	90	SW 3	SW 3	10	0	·004	
16	·36	·28	45·1	42·1	42·0	51·4	1·5	1·4	·265	·238	88	89	S 2	SW 0·5	3	5	·008	Very fine, sunny, and mild.
17	30·23	30·10	35·9	35·4	33·9	46·1	0·3	0·1	·204	·204	97	99	S 1	SSE 2	9	0	·005	⌴ a. Cloudy, then fine.
18	29·96	29·84	36·6	39·0	33·1	42·3	0·1	0·3	·215	·231	99	98	SW 1	S 2	10	10	·002	
19	29·43	28·94	42·9	46·3	38·9	46·5	1·2	1·5	·250	·278	91	90	S 3	SW 5	10	10	·050	Overcast all day. ● p.
20	28·90	28·72	39·9	37·3	36·3	47·4	1·1	0·6	·224	·210	91	95	SW 3	SW 5	10	10	·300	⌴ 9a. ●⁰ a. and p. [wind.
21	29·26	29·52	34·5	37·5	33·2	40·3	1·7	1·8	·166	·189	83	85	SW 3	SW 3	1	10	—	⌴ a. Fine and sunny, but with cold
22	·66	29·65	35·1	41·9	33·9	49·2	0·5	1·2	·194	·239	95	92	SW 2	WSW 3	5	0	·170	⌴ a. ●⁰ at times. ●² 5p.—7p.
23	29·96	30·08	34·8	36·1	33·0	44·5	0·3	1·2	·196	·188	97	89	SW 0·5	SW 0·5	0	0	·020	⌴ a. Very fine and sunny.
24	30·08	29·80	40·1	43·0	33·0	45·5	0·0	0·4	·248	·268	100	97	SW 2	S 5	10	10	·035	Very damp, trees dripping. Fine and
25	29·90	30·03	39·2	41·0	38·7	46·4	1·6	0·3	·208	·250	87	98	W 3	SW 2	0	0	·110	Very fine. ●² 7p. [sunny.
26	30·27	·28	32·8	33·9	32·0	42·3	0·3	0·2	·180	·190	97	98	W 0·5	S 0·5	0	10	·010	⌴ a. and p.
27	·30	·36	37·0	41·4	33·1	41·5	0·3	0·7	·214	·245	97	95	S 0·5	S 0·5	10	10	·002	≡ a. Overcast all day.
28	·46	·53	40·0	38·9	36·8	45·2	0·3	0·1	·240	·235	98	99	SW 0·5	SW 0·5	10	10	·002	≡ a. Overcast nearly all day.
29	·58	·64	40·0	31·4	31·1	41·3	0·3	0·4	·240	·166	98	95	SSW 0·5	SSW 0·5	10	7	—	≡ early a. ≡⁰ mist all day.
30	·65	·53	26·9	24·8	23·9	36·3	0·1	0·1	·143	·130	98	97	SE 0·5	SW 0·5	5	10	·008	⌴² a. Very fine. ⌴ ≡ in evening.
31	30·41	30·26	28·9	32·5	24·0	32·5	0·1	0·0	·156	·184	98	100	SW 0·5	SW 0·5	10	10	·057	⌴² a. ≡ all day. ●⁰ from 8p.
Mean	29·859	29·846	37·7	37·9	32·5	44·7	0·9	1·0	·211	·212	92·4	91·9	1·8	2·1	7·2	5·3	1·913	

CHURCHSTOKE.—DECEMBER 1893.

Height above Mean Sea Level, 538 feet. Heights above Ground :—Bar., 12 feet. Therms., 4 feet. Rain-gauge, 1 foot 6 inches.
Long. 3° 5′ W. Lat. 52° 31′ N. Gravity Correction, + ·018 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer 9 p.m.	Air Temperature. 9 a.m.	9 p.m.	Min.	Max.	Humidity. Dep. of Wet. 9 a.m.	Dep. of Wet. 9 p.m.	Vapour Tension. 9 a.m.	Vapour Tension. 9 p.m.	Per-centage. 9 a.m.	Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind 9 p.m.	Cloud Amount. 9 a.m.	Cloud 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·29	29·65	33·4	22·7	21·4	38·0	1·5	0·8	·160	·093	84	78	NNW 1	NNW 2	0	0	—	✱ ⊠. Bitter wind.
2	·83	·83	23·9	20·3	17·0	37·2	0·5	0·4	·110	·094	86	88	W 1	W 1	9	0	—	⌴. Bright day. ⊠
3	·78	·68	38·2	44·2	19·4	44·5	1·5	0·5	·201	·278	88	97	SW 2	SW 2	10	10	—	Cloudy, with thaw.
4	·65	·70	45·0	46·6	41·4	48·5	0·9	0·9	·278	·296	93	94	W 1	NW 1	10	10	·070	Dull, with ●⁰.
5	·77	·66	43·0	44·2	40·0	47·6	1·1	1·3	·253	·261	91	90	Calm 0	W 1	10	10	·005	Damp, with ≡.
6	·47	·19	48·9	47·7	44·1	49·9	2·2	1·8	·292	·287	85	87	W 2	SW 4	10	10	·080	Squally ↗.
7	29·08	29·10	41·0	37·4	36·4	48·9	3·6	1·3	·186	·198	73	89	SW 2	WSW 2	10	5	·220	Fine day. [p.
8	28·64	28·53	48·9	39·8	37·0	49·1	4·0	1·1	·253	·223	73	92	SW 6	SW 5	10	10	·445	↗² in past n. Squally ↗² ●² <
9	·70	·89	36·9	37·6	32·0	43·9	1·4	2·5	·192	·172	89	79	WNW 2	W 2	4	0	·090	⌴ a. Clear and sharp. ✱ storm
10	·58	·73	38·8	40·8	31·5	45·9	1·9	2·9	·199	·197	85	78	E 5	W 2	10	4	·418	↗ ● [2p.
11	·84	·99	32·7	30·5	29·9	43·9	0·8	0·4	·168	·159	91	94	SE 1	NW 1	4	0	·238	⌴ a. Snow on hills. Clear and sharp.
12	·71	·69	41·2	34·9	29·8	41·5	0·5	1·0	·248	·183	97	91	SW 3	WSW 2	10	4	·876	Steady ●² all day. [● n.
13	28·35	28·59	50·5	41·6	34·9	52·5	2·5	0·7	·304	·247	83	95	SW 2	SW 2	9	10	·090	↗ p.
14	29·20	29·61	34·3	32·4	30·2	44·1	1·4	0·5	·170	·172	86	95	W 1	W 1	0	2	·025	⌴ a. Bright and sharp.
15	·63	·77	47·2	50·9	30·8	52·9	1·3	3·4	·293	·290	91	78	WSW 3	WSW 3	8	8	·005	Squally and mild. ⌒
16	·80	·71	49·9	45·4	44·5	52·0	3·2	2·5	·280	·247	79	82	SW 2	WSW 3	10	8	—	Cloudy and mild.
17	·67	·51	45·8	40·0	40·0	48·1	1·9	1·7	·265	·213	86	86	SW 1	NW 1	10	10	—	Dull day.
18	29·36	29·28	40·2	40·8	38·4	49·7	1·3	1·4	·222	·225	90	89	E 2	Calm 0	10	10	·690	Cold and threatening. ●² at night.
19	28·61	28·48	43·7	40·4	39·5	46·3	0·9	1·5	·264	·220	92	88	SSE 4	SW 4	10	9	·540	Stormy, with ●².
20	·12	28·52	33·9	36·1	32·4	41·5	0·2	1·2	·190	·188	98	89	SE 2	NW 2	10	8	·374	✱ before 9a. Cold and raw.
21	28·83	29·11	37·8	38·8	34·6	41·1	2·1	1·9	·186	·199	83	85	W 2	W 1	8	5	·005	⊠. Bright, with cold wind. △
22	29·01	·23	44·6	39·7	36·3	51·1	0·9	0·9	·274	·225	94	92	SSW 4	W 2	8	6	·154	Squally. ● p. [shower.
23	·51	·58	44·8	41·8	39·0	48·1	1·4	0·9	·265	·245	89	93	WSW 2	W 1	8	4	·010	Fine and bright.
24	·41	·12	45·8	47·9	38·8	50·6	2·7	2·0	·247	·285	81	86	SW 2	SSW 4	10	10	·250	Squally. ●².
25	·49	·66	40·0	40·0	39·4	49·0	2·6	1·1	·196	·225	79	91	W 3	W 1	2	2	·125	Squally. ●
26	·78	·78	40·8	41·8	34·0	46·6	0·7	0·5	·239	·254	95	96	WSW 1	SW 1	8	10	—	Spring-like day.
27	·74	29·82	42·8	46·0	40·8	48·1	1·9	1·9	·234	·267	85	87	SSW 2	NW 2	10	10	—	
28	29·93	30·03	42·7	40·5	40·5	46·4	1·3	0·6	·245	·238	89	95	SE 1	Calm 0	10	3	·008	Day mild.
29	30·07	·12	38·0	40·0	37·0	44·3	0·1	0·1	·227	·245	99	99	Calm 0	Calm 0	7	10	·004	
30	30·12	30·06	34·9	28·1	27·8	40·5	0·7	0·2	·188	·148	93	96	Calm 0	Calm 0	10	10	—	Overcast all day. ≡
31	29·97	29·83	25·4	40·6	22·1	40·8	0·5	0·7	·119	·238	88	94	Calm 0	Calm 0	3	10	·050	Dull, with ●⁰ ≡⁰ (mist).
Mean	29·321	29·369	40·5	39·3	34·2	46·2	1·5	1·2	·224	·220	87·6	89·5	1·9	1·7	8·0	6·7	4·772	

CARMARTHEN.—DECEMBER 1893.

Height above Mean Sea Level, 188 feet. Heights above Ground :—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 4° 18′ W. Lat. 51° 52′ N. Gravity Correction, + ·018 in.

Day.	Bar. 9 a.m.	Bar. 9 p.m.	Air 9 a.m.	9 p.m.	Min.	Max.	Dep. of Wet 9 a.m.	9 p.m.	Vap. Tension 9 a.m.	9 p.m.	Per-cent. 9 a.m.	9 p.m.	Wind 9 a.m.	Wind 9 p.m.	Cloud 9 a.m.	Cloud 9 p.m.	Rain 9 a.m.	Remarks.
1	29·69	30·04	36·7	28·9	28·9	47·3	2·7	2·7	·168	·091	77	57	N 1	Calm 0	3	0	—	▲. Fine day.
2	30·24	·26	31·3	25·9	23·0	47·3	2·2	0·2	·125	·133	71	96	Calm 0	Calm 0	2	0	—	Fine day.
3	·22	·11	26·4	41·7	23·0	44·3	0·7	1·0	·119	·242	85	93	Calm 0	Calm 0	10	10	·040	Fine, then ≡.
4	·09	·11	48·6	48·5	41·7	50·2	0·7	1·6	·324	·301	95	88	NW 1	S 1	9	10	·010	Dull, with ●.
5	30·17	30·08	47·8	46·8	41·6	49·1	1·8	0·8	·288	·301	87	94	N 1	Calm 0	8	10	—	Dull day.
6	29·89	29·64	48·9	48·8	41·4	51·2	1·0	0·4	·321	·335	93	97	SW 3	SW 4	10	10	·070	Dull day. ●⁰
7	·55	29·50	42·9	38·9	38·5	49·2	2·9	1·8	·216	·201	79	86	SW 1	Calm 0	2	8	·300	
8	·06	28·89	49·9	46·8	38·3	51·2	3·3	1·3	·278	·288	78	91	SW 5	SW 4	10	7	·380	Frequent <.
9	29·12	29·28	32·7	33·1	32·1	47·3	0·5	0·3	·175	·182	94	96	Calm 0	Calm 0	3	0	·330	Frequent ● ▲ showers.
10	28·77	·10	43·2	44·4	30·7	49·2	0·7	5·9	·264	·178	94	60	S 7	W 3	10	4	·440	↗ ●
11	29·24	·27	35·2	33·1	32·5	45·1	0·5	1·2	·195	·163	95	87	Calm 0	SW 1	3	7	·710	● ▲ p.
12	29·03	29·05	44·2	36·9	33·1	45·8	0·7	0·2	·279	·215	94	98	SW 3	E 1	10	10	·870	Dull day.
13	28·68	28·97	51·2	42·9	36·0	52·7	1·4	0·6	·339	·263	91	95	SW 5	SE 1	10	10	·040	Dull day. ↗.
14	29·64	30·02	40·7	33·5	33·1	47·7	3·2	0·5	·191	·182	76	94	NW 1	Calm 0	4	0	·130	Dull day.
15	30·08	·18	48·9	49·7	31·2	51·0	0·3	0·3	·339	·349	98	98	SW 5	SW 4	10	10	·020	Dull day.
16	·23	30·13	49·2	47·8	47·7	51·0	0·6	2·1	·335	·281	96	85	SW 3	W 2	10	9	·020	Dull day.
17	30·07	29·86	45·0	42·7	42·4	48·7	0·5	2·4	·287	·224	96	82	SW 2	S 2	10	10	·020	Dull day.
18	29·72	29·62	47·6	41·9	41·4	49·6	1·7	0·6	·288	·253	88	95	SW 2	SW 1	10	10	·300	Dull day.
19	28·91	28·94	45·8	43·4	41·4	50·0	1·3	3·4	·277	·211	91	75	S 5	W 4	10	3	·590	Dull day.
20	28·43	28·98	45·0	40·4	36·5	47·8	0·1	2·4	·297	·203	99	81	SW 7	NW 2	10	5	·250	Frequent ●² ▲ showers.
21	29·31	29·53	39·9	38·9	36·4	44·7	2·2	1·6	·202	·205	83	88	W 2	W 1	9	0	·210	Fine day.
22	·44	·68	49·5	39·4	35·5	51·0	0·1	0·9	·352	·223	99	93	SW 4	Calm 0	10	0	·260	Dull a. Fine p.
23	·93	·96	37·9	44·9	36·0	50·0	0·4	0·4	·220	·288	97	97	Calm 0	SW 1	3	4	·180	≡
24	·83	29·55	47·0	48·9	44·4	50·6	0·4	0·7	·312	·328	97	95	S 1	W 3	10	10	·530	Overcast. ●
25	29·96	30·10	40·1	44·9	40·1	49·7	1·9	1·4	·209	·266	85	90	Calm 0	NW 2	4	3	·270	Frequent ●² showers.
26	30·20	·16	42·7	44·7	40·4	50·0	0·2	1·7	·270	·257	98	86	Calm 0	Calm 0	10	10	·040	≡ 9a. Frequent ● showers.
27	·14	·20	46·4	47·3	44·2	49·4	1·5	1·6	·279	·287	89	89	SW 1	SW 1	10	10	—	Dull day.
28	·33	·40	44·9	41·4	40·9	48·1	1·4	1·1	·266	·237	90	91	SE 1	Calm 0	10	3	—	Dull day.
29	·48	·48	39·1	41·1	38·5	42·8	0·6	0·6	·226	·244	95	95	Calm 0	Calm 0	9	10	·010	≡ 9a. Dull day.
30	·50	·45	34·7	28·9	28·0	41·7	0·3	0·2	·195	·153	97	97	Calm 0	Calm 0	10	0	—	Fine day. ⌴
31	30·36	30·22	29·7	37·7	22·5	39·5	1·0	0·7	·137	·212	84	95	Calm 0	Calm 0	3	10	·020	≡ ⌴
Mean	29·719	29·766	42·4	41·1	36·2	48·2	1·2	1·3	·251	·235	90·0	89·2	2·0	1·2	7·8	6·2	6·040	

MARGATE.—DECEMBER 1893.

Height above Mean Sea Level, 83 feet. Heights above Ground:—Bar., 7 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 1° 24′ E. Lat. 51° 24′ N. Gravity Correction, + ·017 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·56	29·93	45·5	37·0	34·6	45·8	0·6	1·0	·290	·200	90	91	SW 2	N 5	10	10	·090	Stormy
2	30·31	30·36	34·6	36·0	32·9	39·0	1·8	1·5	·166	·183	82	87	N 2	NW 2	2	1	—	a. Fine but cool.
3	·30	·19	27·7	37·0	25·6	40·6	1·8	1·2	·099	·196	66	89	N 1	SW 2	0	0	—	2 (mist) a. Sunny day. Halo [round Jupiter.
4	·09	·06	40·9	43·5	36·4	44·4	0·6	1·8	·243	·242	95	86	NW 1	NE 2	10	0	—	9 (mist) a. Dull day.
5	·24	30·23	43·1	36·2	35·6	44·4	3·5	0·5	·207	·204	74	95	N 2	Calm 0	10	0	—	Dull day. 2 9p.
6	30·08	29·90	42·0	44·6	34·6	48·8	1·2	0·6	·241	·280	91	95	SW 3	SW 3	10	0	·070	Dull day.
7	29·66	·73	46·4	37·8	37·4	49·0	0·4	1·8	·305	·192	97	85	SW 4	SW 3	10	0	·020	before 9a. 2 9a.
8	·45	·26	43·5	47·2	35·4	48·0	1·6	0·0	·248	·325	87	100	S 6	SW 6	10	8	·600	all day.
9	·23	·48	42·3	37·8	36·4	48·3	0·4	0·8	·262	·211	97	93	W 2	W 3	9	0	·010	2 a.
10	·49	·39	40·2	45·0	33·9	46·4	1·2	1·0	·224	·275	90	92	S 2	SW 4	10	0	·140	
11	·37	·52	46·0	37·8	36·9	48·8	0·5	0·8	·299	·212	97	93	S 3	SW 2	10	9	—	Splendid sunset. 9p.
12	·36	·29	42·1	45·0	35·4	45·8	1·1	1·0	·244	·275	91	92	S 4	SW 7	10	10	·290	
13	·16	29·12	53·1	53·1	36·4	56·0	0·9	1·1	·378	·373	93	92	SSW 6	SW 9	10	10	·280	
14	29·60	30·13	42·0	38·8	38·4	53·1	2·7	1·2	·212	·212	80	90	SW 2	W 1	10	0	—	all day.
15	30·34	·42	38·6	47·2	32·4	49·0	1·8	1·2	·199	·296	85	92	WSW 3	SW 2	9	6	—	9 (mist) 9a.
16	·48	·41	45·8	40·0	39·2	50·0	0·8	0·4	·289	·238	94	97	SW 2	SW 1	0	0	·020	a.
17	·32	30·17	38·0	33·8	33·5	41·8	1·0	0·3	·208	·188	91	97	Calm 0	Calm 0	10	10	—	a. and p. Fine day.
18	30·04	29·93	41·0	37·3	31·4	42·2	1·0	0·1	·235	·221	92	99	SSW 1	SW 1	10	10	—	9 a. Very dull.
19	29·56	29·10	40·3	48·0	36·4	48·0	0·3	2·0	·243	·286	98	86	S 3	W 7	10	6	·140	Dull day.
20	28·99	28·75	42·3	38·8	36·5	49·0	1·4	0·8	·239	·220	89	94	S 6	W 6	10	10	·240	(gale).
21	29·38	29·67	36·8	35·8	35·4	43·8	1·8	1·8	·184	·176	85	84	W 3	W 1	0	0	—	(gale).
22	29·81	29·73	38·0	48·0	34·4	48·5	1·2	1·0	·204	·309	89	93	SW 2	SW 3	2	10	·140	Very fine.
23	30·05	30·13	39·7	40·0	38·4	48·8	1·2	1·0	·220	·226	90	92	SW 1	S 1	0	0	·010	
24	·14	·14	43·7	40·9	36·4	46·8	1·0	1·9	·262	·217	92	85	SW 1	SE 1	4	0	·030	
25	·03	·12	43·0	45·0	40·0	47·0	4·0	4·0	·197	·215	71	72	SW 3	S 2	10	0	—	Fine day.
26	·29	·31	39·0	42·0	37·4	46·0	1·0	2·0	·218	·225	92	85	S 1	S 1	9	1	·010	Fine day.
27	·32	·41	40·0	41·8	38·4	45·9	1·0	0·2	·226	·261	92	99	Calm 0	Calm 0	10	9	—	(mist) 9p.
28	·50	·58	42·0	38·4	37·0	43·8	0·5	1·2	·256	·208	96	90	Calm 0	W 1	10	10	·010	(mist).
29	·62	·65	35·1	35·8	31·9	39·0	1·1	2·0	·183	·172	89	85	Calm 0	N 1	9	0	—	(mist) a.
30	·63	·54	33·8	34·8	28·4	40·8	1·8	0·8	·158	·186	81	92	Calm 0	Calm 0	6	10	—	2 a. p.
31	30·45	30·34	30·8	35·8	28·4	36·8	1·8	0·8	·129	·194	74	93	Calm 0	NW 1	10	5	—	all day.
Mean	29·936	29·935	40·6	40·7	35·0	46·0	1·3	1·2	·228	·233	88·3	90·7	2·1	2·5	7·7	4·4	2·100	

SOUTHAMPTON.—DECEMBER 1893.

Height above Mean Sea Level, 78 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet 6 inches. Rain-gauge, 1 foot.
Long. 1° 24′ W. Lat. 50° 55′ N. Gravity Correction, + ·016 in.

1	29·69	30·10	37·0	30·5	30·3	47·5	0·8	1·7	·204	·129	93	75	N 3	N 1·5	10	0	·002	Beautiful, but cold p.
2	30·35	·40	26·0	26·8	24·3	36·2	1·0	0·6	·107	·126	76	87	N 1	NE 1	2	0	—	2 a. Beautiful day, but very cold.
3	·36	·25	22·3	33·5	20·7	37·6	0·0	0·7	·120	·178	100	92	NW 1	Calm 0	0	9	—	2 a. Beautiful day. 9 n.
4	·18	·14	39·8	46·0	32·1	46·6	0·6	0·8	·232	·292	96	94	NW 1·5	NW 2	10	10	·010	Dull and damp. 0 p.
5	·29	30·26	35·1	39·9	33·5	46·7	0·4	1·7	·197	·212	96	87	Calm 0	SW 0·5	10	10	—	Dull and damp, with 9 a. Beautiful day.
6	30·12	29·91	42·6	47·7	39·4	50·8	0·4	0·9	·264	·309	97	94	SW 0·5	SW 3	10	10	·050	a. Fine and mild.
7	29·71	·75	45·9	39·5	38·5	49·5	1·5	1·8	·276	·207	90	86	WNW 2	SW 1·5	9	7	·018	Beautiful day.
8	·41	·24	48·0	49·8	39·1	50·3	1·5	1·1	·297	·330	90	92	SW 6	SW 6	10	10	·448	(force 7) till 3p. 2 (very [heavy) 11–45p.
9	·30	·50	39·3	36·4	36·1	50·6	1·0	0·8	·221	·200	92	93	W 1·5	SW 1	7	0	·013	Beautiful day. shower 3p. 9p.
10	·31	·37	45·5	42·6	32·5	49·1	2·4	1·9	·250	·233	83	86	SSE 5·5	S 1	10	0	·131	(force 7) 11a.–4p.
11	·39	·52	41·3	33·4	33·3	48·6	1·7	0·2	·225	·187	87	98	WNW 3	Calm 0	10	0	·363	Fine and pleasant. p.
12	·42	·28	46·5	42·3	33·5	48·0	1·5	1·3	·281	·242	89	90	S 5·5	W 2	10	1	·485	2 early a. 9a. (gale)
13	·12	29·12	53·4	49·0	41·2	55·7	0·5	0·7	·394	·330	96	95	SW 5·5	SW 2	10	10	·238	a. and p. (force 7). [all afternoon.
14	29·67	30·18	40·2	34·2	34·1	50·2	2·4	1·0	·201	·178	81	89	N 3·5	W 0·5	10	0	—	Beautiful day. n.
15	30·36	·44	43·0	50·2	31·1	53·2	1·3	1·1	·249	·335	90	93	SW 1·5	SW 3	9	10	·002	early a. Fine, mild, and pleasant.
16	·47	·37	48·6	42·9	42·8	53·1	0·8	1·1	·323	·253	95	91	SW 3	SW 2	10	1	—	Beautifully fine and mild.
17	·29	30·11	37·2	41·4	34·5	43·9	0·4	1·2	·214	·235	96	91	Calm 0	SSE 3	10	10	—	a.
18	30·00	29·89	43·3	44·9	39·4	47·2	0·9	1·4	·261	·266	93	90	S 3	SSW 3	10	10	—	Fine and pleasant.
19	29·40	·15	45·8	44·9	43·7	48·2	1·8	2·1	·267	·251	87	85	S 5	W 4	9	7	·680	(gale) 11a.–5p.
20	28·76	·02	46·6	39·0	37·3	48·7	0·7	2·2	·302	·195	95	83	SSW 8	NW 4·5	10	10	·188	2 a. most of day.
21	29·47	·73	36·0	37·0	34·5	45·8	1·4	1·2	·186	·196	87	89	SW 2	W 1·5	0	0	·050	8 a. Beautiful day. n.
22	29·78	29·83	46·1	43·7	35·2	50·9	1·0	0·9	·288	·265	93	92	SW 4	NW 2	10	0	·282	most of day till 7p.
23	30·10	30·19	36·8	41·9	35·0	48·3	0·3	0·1	·212	·264	98	99	W 0·1	SW 1	0	10	·010	a. Beautiful day.
24	·14	29·89	45·4	46·9	39·9	47·5	0·6	0·7	·290	·304	96	95	SSW 3·5	S 5·5	10	10	·100	from 3.30p. n.
25	·13	30·21	39·9	45·7	38·6	48·7	1·2	1·7	·222	·268	91	88	SW 1	WNW 1·5	1	3	·010	Beautiful day throughout. n.
26	·36	·36	43·7	39·1	39·1	49·2	0·4	0·3	·276	·233	96	97	Calm 0	Calm 0	10	10	—	9 a. Beautiful day. 2 n.
27	·35	·41	40·4	39·1	37·1	48·2	0·2	0·3	·246	·233	99	97	ESE 1	Calm 0	10	0	—	2 2 a. Beautiful day. n.
28	·50	·57	41·1	40·5	35·4	46·6	0·3	0·5	·252	·241	97	96	Calm 0	NE 0·5	10	10	—	Dull and damp, with 8 a. Beautiful [day.
29	·61	·64	40·1	33·2	32·7	41·9	0·9	0·5	·229	·179	93	94	SE 2	ENE 1	10	0	—	at night.
30	·62	·57	29·5	29·4	27·8	37·8	0·3	0·2	·155	·157	95	97	NE 1	NE 1	0	0	—	0 a. Beautiful day. p.
31	30·48	30·35	24·0	33·6	22·9	35·5	0·0	1·5	·129	·163	100	84	NW 0·1	NE 0·1	6	10	·015	2 9 a. Beautiful day.
Mean	29·940	29·959	40·3	40·2	34·7	47·2	0·9	1·0	·238	·232	92·5	90·9	2·4	1·8	7·8	5·4	3·093	

PLYMOUTH.—DECEMBER 1893.

Height above Mean Sea Level, 116 feet. Heights above Ground:—Bar., 74 feet. Therms., 4 feet 6 inches. Rain-gauge, 10 inches.
Long. 4° 8′ W. Lat. 50° 22′ N. Gravity Correction, + ·015 in.

Day.	Barometer at 32° Faht. 9 a.m.	Barometer at 32° Faht. 9 p.m.	Air Temperature. 9 a.m.	Air Temperature. 9 p.m.	Air Temperature. Min.	Air Temperature. Max.	Humidity. Dep. of Wet. 9 a.m.	Humidity. Dep. of Wet. 9 p.m.	Humidity. Vapour Tension. 9 a.m.	Humidity. Vapour Tension. 9 p.m.	Humidity. Per-centage. 9 a.m.	Humidity. Per-centage. 9 p.m.	Wind, Direction and Force. 9 a.m.	Wind, Direction and Force. 9 p.m.	Cloud Amount. 9 a.m.	Cloud Amount. 9 p.m.	Rain. 9 a.m.	Remarks.
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·62	30·00	39·0	33·2	32·0	49·0	3·1	2·3	·179	·144	76	75	N	NNE	10	0	—	a. Fine day.
2	30·22	·27	31·5	31·6	27·8	37·5	0·6	1·2	·163	·150	92	84	Calm	NNE	4	0	—	a. Fine and sunny.
3	·26	·20	33·0	37·0	24·3	43·2	1·1	1·2	·165	·197	87	89	N	NE	0	0	—	a. Sunny all day.
4	·13	·10	41·5	49·2	35·8	49·2	1·0	2·2	·240	·295	92	84	Calm	NNE	9	10	—	Dull and overcast all day.
5	·18	30·16	45·0	45·3	42·7	49·2	1·0	1·7	·275	·263	92	86	ENE	NW	10	10	—	Dull and overcast all day.
6	30·04	29·83	46·5	48·3	41·0	51·5	0·0	1·3	·317	·306	100	90	W	WbyS	10	8	·063	showers.
7	29·66	·64	46·5	46·0	43·0	49·9	3·0	2·1	·249	·262	80	84	W	SW	6	9	·035	Bright day. showers.
8	·26	·10	51·0	50·0	43·0	51·7	1·1	1·3	·345	·327	92	90	WSW	SSW	10	10	·245	Overcast, with showers. p.
9	29·24	·40	42·0	42·8	39·0	50·8	2·0	2·5	·225	·223	84	81	WNW	W	6	1	·136	Fine and sunny.
10	28·94	·20	49·0	44·9	32·5	51·7	0·9	1·1	·325	·273	93	91	S	SW	8	10	·180	(gale) till afternoon. 2.
11	29·32	·38	40·5	44·0	38·0	49·3	1·5	2·7	·221	·230	87	79	WNW	SW	7	3	·370	Fine day. at night.
12	29·08	·16	48·0	47·6	39·0	52·9	0·6	2·6	·321	·269	95	81	S	S	10	10	·770	2 1a. (gale) a. [evening.
13	28·94	29·05	54·5	46·2	45·1	55·2	2·6	0·4	·353	·304	83	97	WSW	W	8	10	·225	8 (mist) 9a. Overcast. in
14	29·61	30·10	42·0	33·9	33·0	46·5	2·5	1·0	·216	·174	82	89	NW	Calm	4	0	—	Fine and sunny from 10a.
15	30·25	·33	50·0	51·0	31·0	52·9	2·1	1·1	·307	·345	85	91	SW	SSW	5	10	—	Overcast. (mist) in after-
16	·33	30·21	50·0	48·9	47·7	51·3	3·0	3·1	·286	·274	79	80	SW	SW	9	8	—	Dull and overcast. [noon.
17	30·12	29·91	47·9	46·7	44·5	48·9	2·6	2·2	·272	·268	81	84	SSE	SSE	10	10	—	
18	29·82	·70	49·0	49·5	43·0	51·4	1·1	0·6	·319	·339	91	95	SSE	SW	10	10	·850	Overcast. 2 from 6p.
19	29·06	·14	48·0	45·0	42·5	51·2	0·1	3·8	·333	·218	99	72	SSW	WNW	10	3	·630	Squally a. Fine afternoon.
20	28·66	·06	50·0	42·0	39·0	51·2	3·0	2·9	·286	·209	79	79	W	WNW	10	4	·160	Squally 2 showers all day.
21	29·43	·65	46·0	41·0	38·0	45·1	2·5	2·2	·198	·211	80	83	WNW	WNW	5	0	·160	
22	29·63	29·77	51·0	45·0	39·0	51·7	0·6	1·0	·358	·275	95	91	WSW	W	10	0	·190	Overcast, with 2 showers all day. [9 (mist) 9p.
23	30·02	30·05	38·0	43·9	35·3	50·7	0·0	0·7	·229	·271	100	94	SE	SSW	10	5	·010	2 a., then clear.
24	29·96	29·74	49·0	51·2	41·6	51·7	0·6	2·3	·333	·317	95	84	S	SW	10	10	·305	9a. Overcast all day. 0
25	30·10	30·19	45·3	48·0	43·0	51·2	3·1	1·5	·234	·297	77	90	WNW	WNW	4	7	—	Fine and sunny. [showers.
26	·25	·24	46·1	49·0	43·9	51·9	0·8	4·5	·293	·244	93	70	W	SW	3	8	·010	Fine and sunny.
27	·18	·25	49·0	48·3	47·4	49·8	1·1	2·2	·319	·285	91	84	S	SE	10	10	—	Dull and overcast all day.
28	·37	·44	41·5	38·8	38·0	48·7	1·0	0·9	·239	·218	91	92	NE	NE	10	1	—	Dull and overcast a. Bright p.
29	·47	·48	30·5	40·5	30·5	45·0	2·1	1·7	·119	·217	70	86	NE	ENE	10	0	—	early a. 9 (mist) a. and p.
30	·47	·45	37·5	36·8	36·0	40·6	1·6	1·3	·193	·194	85	90	NE	ENE	3	0	—	9 (mist) 9a. Sunny a. [Overcast.
31	30·37	30·27	33·0	35·1	27·3	39·1	3·1	1·7	·127	·172	67	84	N	Calm	7	0	—	8 a. Fine p.
Mean	29·806	29·853	44·1	43·9	38·2	49·0	1·6	1·8	·259	·251	86·9	85·5	—	—	7·7	5·4	4·339	

LONDONDERRY.—DECEMBER 1893.

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

1	30·01	30·21	33·0	33·7	31·0	37·2	2·0	1·0	·147	·173	78	89	NNW 3	N 1	3	10	·050	0 showers during day.
2	·35	·28	30·5	41·6	29·4	42·0	1·3	1·1	·138	·240	80	92	SW 2	W 3	0	10	·050	Fine all day.
3	·20	·20	47·6	49·5	40·6	50·0	1·6	1·8	·290	·309	89	88	SW 2	NW 2	10	6	·140	during day.
4	·25	30·28	47·9	46·2	45·2	50·0	0·5	0·7	·321	·297	97	96	NW 3	NW 1	10	10	·030	Overcast all day. at night.
5	30·16	29·93	45·5	50·3	41·8	51·0	0·9	1·0	·284	·339	94	93	SW 3	SW 2	10	10	·070	Overcast all day. 1p.–4p., and in
6	29·62	·36	50·3	40·3	38·5	51·5	2·0	0·9	·314	·231	86	93	SSW 5	SW 4	10	10	·450	in afternoon. showers n. [even.
7	29·37	29·26	36·9	40·2	33·3	41·0	1·4	1·1	·193	·226	89	91	NW 5	W 4	8	10	·300	(sleet) showers a.
8	28·54	28·82	42·9	36·2	35·0	47·0	2·2	1·2	·230	·191	84	89	W 8	SW 3	10	10	·130	Squally during day. n.
9	29·02	29·18	36·7	33·9	33·0	38·3	2·0	0·9	·181	·177	83	90	SW 3	W 2	1	0	·050	
10	28·85	28·96	41·0	37·0	31·9	42·0	2·0	1·0	·215	·200	84	91	SE 3	W 1	10	10	·250	showers all day.
11	29·15	29·23	33·3	33·7	32·0	37·2	0·8	1·7	·174	·159	91	82	SW 2	Calm 0	6	10	·090	11a.–4p., then showers.
12	28·99	·01	37·2	37·2	32·0	40·0	0·6	1·5	·210	·193	94	87	SW 1	SW 1	9	5	·140	showers during day.
13	28·57	·25	37·4	38·7	33·1	40·2	1·5	2·7	·194	·184	87	79	N 3	NW 3	10	0	·080	at night.
14	29·70	·77	37·1	40·3	34·9	40·8	1·9	1·6	·185	·217	84	88	NW 2	SW 5	2	10	·120	Fine day. from 8p.
15	·88	·89	48·1	52·4	38·4	53·0	1·1	1·6	·308	·351	92	90	SW 5	SW 5	10	9	·060	at times during day.
16	·90	·97	52·7	46·5	45·5	54·0	2·9	1·3	·322	·283	81	91	SSW 3	SW 1	9	10	·030	at night.
17	·96	·74	43·2	49·7	40·8	49·7	1·6	2·7	·245	·290	88	82	SW 3	SW 5	0	10	·230	Fine day. at night.
18	29·58	29·48	40·7	38·7	37·6	50·0	1·4	1·7	·224	·202	88	86	SW 3	SW 4	10	9	·140	
19	28·74	28·79	40·2	41·9	31·0	45·0	1·1	2·2	·226	·222	91	85	SE 4	W 5	10	8	·190	Squally p.
20	28·79	28·95	35·2	36·5	34·0	42·4	0·5	1·0	·196	·197	95	92	SE 1	NW 2	7	10	·100	showers in evening.
21	29·14	29·42	39·8	42·0	33·0	44·3	2·1	2·3	·204	·220	84	83	NW 4	W 4	10	7	·220	showers.
22	·14	·52	48·4	43·7	38·0	49·2	1·3	2·6	·308	·229	91	80	W 4	W 4	10	10	·100	a.
23	·80	·85	43·6	44·7	41·0	47·0	1·0	1·2	·261	·269	92	91	SW 4	SW 1	10	1	·230	during day.
24	·54	29·47	49·0	43·5	42·6	51·5	1·0	0·8	·322	·264	93	94	SW 4	SW 1	10	10	·190	during day.
25	29·75	30·05	39·7	38·3	37·0	44·3	0·1	1·4	·242	·203	99	88	SW 3	W 1	10	4	·100	till noon.
26	30·12	·03	44·4	46·2	33·0	47·0	1·1	2·2	·267	·263	91	85	S 2	SW 2	10	8	·040	
27	·01	·16	49·4	46·7	44·6	50·0	1·2	0·4	·322	·310	91	97	SW 4	Calm 0	10	9	·320	during day. 0 (mist) 9p.
28	·29	·42	49·4	47·7	44·6	49·8	1·0	1·0	·327	·307	93	93	SW 2	SE 1	10	10	—	
29	·53	·55	45·7	47·0	45·0	49·0	0·7	1·1	·291	·296	95	92	SW 3	Calm 0	10	10	—	before 9a.
30	·58	·55	45·7	37·7	36·8	48·0	1·5	1·0	·273	·207	90	91	SSW 3	SW 1	10	0	—	Fine day.
31	30·46	30·41	43·2	44·7	37·0	46·4	1·2	1·0	·253	·273	90	93	SW 1	Calm 0	10	10	·020	0 2p.–4p.
Mean	29·645	29·710	42·4	42·1	37·1	46·1	1·3	1·4	·247	·243	89·2	89·1	3·2	2·2	8·2	7·9	3·920	

ARMAGH.—DECEMBER 1893.

Height above Mean Sea Level, 196 feet. Heights above Ground:—Bar., 6 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 39′ W. Lat. 54° 21′ N. Gravity Correction, + ·025 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity. Dep. of Wet.		Humidity. Vapour Tension.		Humidity. Per-centage.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·87	30·07	32·0	28·5	27·8	36·0	0·7	0·5	·165	·142	91	91	N 2	SW 1	0	4	—	⌴ a.
2	30·24	·20	31·4	35·7	27·0	42·9	1·0	1·8	·153	·177	86	85	SSW 1	SW 2	0	7	—	⌴ a.
3	·10	·08	42·7	47·0	34·8	48·2	1·1	1·2	·250	·293	91	92	SW 2	W 1	10	10	·015	Overcast all day.
4	·12	30·15	47·6	45·7	43·8	50·7	1·1	1·8	·303	·267	93	87	NW 2	NW 1	10	10	—	Overcast all day.
5	30·08	29·83	44·0	49·8	41·3	51·0	1·2	1·0	·261	·333	90	93	SW 2	SW 3	10	10	·025	Overcast all day.
6	29·56	·31	49·7	45·6	44·0	51·4	2·0	2·9	·307	·242	87	80	SW 5	SW 4	10	10	·205	Overcast all day.
7	29·31	29·22	34·0	37·7	32·3	45·6	0·9	1·0	·178	·207	90	91	SW 4	SSW 4	10	10	·288	✳ a. Very stormy at night.
8	28·56	28·76	40·0	36·4	34·2	42·2	2·0	1·6	·207	·185	84	86	SW 6	SW 3	8	2	·048	≺ 5.30p.
9	·95	29·11	34·7	33·6	31·9	42·0	0·7	0·8	·188	·176	93	91	SW 3	SSW 1	9	10	—	✳ a.
10	28·67	28·88	40·0	36·4	32·0	43·9	1·7	1·4	·213	·189	86	88	SE 4	SW 3	10	6	·198	
11	29·07	29·11	33·7	33·8	31·1	37·9	1·5	2·1	·163	·152	84	79	SW 2	SSE 1	0	9	·068	⌴ a.
12	28·89	28·92	36·0	35·7	31·2	40·2	1·0	1·6	·193	·180	91	85	SSW 2	S 2	10	7	·240	
13	28·35	29·04	38·8	34·2	32·9	39·6	0·2	0·3	·232	·192	99	97	NE 1	WNW 1	10	3	·162	
14	29·62	·73	34·2	38·3	29·4	39·5	1·0	2·5	·178	·184	89	79	WSW 1	SSW 4	0	10	·050	⌴ a.
15	·81	·85	49·5	51·3	38·2	53·9	0·5	2·5	·341	·315	96	83	SSW 2	SSW 6	10	10	·015	
16	·87	·87	52·0	47·8	47·4	53·5	3·1	1·7	·308	·291	79	88	SSW 5	SSW 5	10	10	—	
17	·90	·67	43·3	47·9	42·2	48·8	2·0	1·3	·237	·301	84	91	S 2	SSE 3	0	10	·055	
18	29·51	29·44	40·0	38·3	37·3	48·1	1·2	1·4	·222	·203	90	88	SSE 2	S 3	10	5	·205	
19	28·62	28·73	43·0	40·8	37·0	45·5	2·0	3·0	·234	·196	84	77	S 4	W 3	10	7	·024	
20	28·63	28·87	33·9	35·5	32·7	40·8	0·2	1·5	·191	·179	98	89	Calm 0	WSW 2	10	10	·100	
21	29·10	29·35	34·0	36·9	33·1	43·0	0·6	0·9	·184	·201	93	92	WSW 3	WSW 2	9	3	·100	✳ 0 a.
22	·06	·46	44·0	41·0	35·9	50·9	1·2	2·0	·261	·215	90	84	SSW 4	SW 3	10	10	·150	⊡ 9p.—10p.
23	·74	·77	41·3	43·6	38·9	46·0	0·8	1·1	·243	·259	94	91	SW 3	S 3	3	9	·062	
24	·46	·36	50·0	42·7	42·0	51·2	1·0	1·2	·334	·249	93	92	SSW 4	SW 3	10	10	·292	
25	29·68	·98	40·3	38·3	36·4	42·8	2·0	1·4	·210	·203	84	88	SW 4	SW 2	8	8	·220	
26	30·03	29·95	42·0	45·0	36·1	47·7	2·2	2·2	·221	·249	84	84	S 3	S 3	10	10	—	
27	29·91	30·03	48·5	48·8	42·5	51·1	0·5	0·1	·328	·343	96	99	S 3	SSW 1	10	10	·280	
28	30·20	·31	48·0	45·6	45·0	50·1	1·0	1·0	·309	·283	93	93	SSW 2	S 3	10	10	—	
29	·42	·45	46·1	46·5	43·8	49·2	1·3	0·7	·282	·300	91	95	SW 3	SSW 1	10	10	—	
30	·46	·42	44·5	37·1	36·1	46·5	1·5	0·5	·259	·211	88	95	SSW 1	SSW 1	10	0	—	
31	30·35	30·25	36·4	42·5	31·9	42·7	0·7	0·1	·202	·270	94	99	SW 1	WNW 1	10	10	—	
Mean	29·552	29·618	41·1	40·9	36·5	45·9	1·2	1·4	·237	·232	89·8	88·6	2·7	2·4	8·0	8·1	2·802	

MARKREE CASTLE.—DECEMBER 1893.

Height above Mean Sea Level, 122 feet. Heights above Ground:—Bar., 5 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 8° 27′ W. Lat. 54° 11′ N. Gravity Correction, + ·024 in.

1	29·98	30·18	34·0	26·6	25·4	37·7	1·2	0·4	·172	·131	87	92	N 1	Calm 0	6	8	—	
2	30·34	·30	26·0	37·2	22·9	42·0	0·2	1·2	·134	·198	95	89	Calm 0	SSW 0·5	5	10	·010	⌴
3	·21	·20	46·0	49·1	36·8	50·3	1·0	0·4	·287	·339	93	97	SW 1	NNW 1	10	10	·210	Overcast all day.
4	·23	30·25	48·8	46·2	45·5	49·9	1·2	0·8	·316	·295	91	95	NW 2	NW 1	9	10	·010	
5	30·16	29·93	44·1	50·6	40·2	50·6	0·4	0·8	·280	·349	97	95	S 1	SW 2	10	10	·030	Overcast all day.
6	29·64	·39	50·0	41·9	40·9	51·3	1·8	1·8	·314	·228	87	87	SSW 2	WSW 2	10	10	·200	Overcast all day.
7	29·42	29·21	36·1	40·8	34·0	42·6	1·1	0·8	·192	·237	90	94	SW 1	SSE 3	8	10	·250	
8	28·67	28·85	43·1	36·2	35·2	46·9	2·5	1·3	·225	·189	81	89	WSW 6?	SW 1	10	9	·220	✓ till noon.
9	29·04	29·15	35·1	29·3	28·7	37·3	1·0	0·3	·185	·154	90	95	S 1	SSE 1	10	4	·040	▲ in past n. ✳ 0 in evening.
10	28·69	28·96	40·2	35·9	28·6	42·0	0·9	0·9	·230	·194	92	92	SE 2	SW 1	10	10	·260	Overcast all day.
11	29·15	29·11	32·0	33·7	28·0	39·2	0·8	0·9	·162	·175	89	90	S 0·5	SE 2	6	10	·020	✳ 0.
12	28·97	28·92	37·0	35·1	32·0	44·0	1·9	0·8	·184	·189	84	92	SW 1	SE 1	5	10	·230	
13	28·42	29·16	39·7	36·8	32·7	42·4	0·7	0·9	·230	·201	94	93	NNE 0·5	NNW 1	10	8	·120	
14	29·71	·72	32·9	40·2	32·2	42·4	0·9	1·2	·168	·224	92	90	SSW 1	SSW 6?	7	10	·190	▲ in past n.
15	·83	·90	50·5	52·1	39·6	53·6	0·4	1·1	·356	·360	97	92	S 2	SSW 3	10	10	·040	Overcast all day.
16	·86	·90	52·2	46·0	45·2	53·3	2·4	1·4	·328	·278	84	90	S 6?	S 1	10	10	·090	Overcast all day.
17	·92	·63	40·2	49·1	38·8	49·2	0·9	2·2	·230	·295	92	84	SE 1	SSE 6	3	10	·190	
18	29·57	29·40	39·2	37·9	35·2	49·1	1·1	1·8	·218	·193	91	85	SSW 1	S 2	10	9	·190	
19	28·67	28·90	42·5	38·9	35·8	44·9	0·6	1·9	·259	·200	95	85	S 1	SSW 1	10	9	·270	● storms in past n. ● ✓ (gale)
20	28·74	29·01	32·8	37·1	31·9	42·5	0·6	1·8	·175	·186	93	84	Calm 0	WNW 4	10	10	·350	▲ 9p. [till 8p.
21	29·21	·44	38·1	37·3	34·6	43·2	2·0	1·1	·191	·201	83	91	W 2	WSW 1	9	7	·270	T ▲ 4a.
22	·19	·56	46·7	42·0	34·1	49·9	1·6	2·0	·281	·225	89	85	WSW 3	SSW 1	10	10	·030	
23	·82	·78	41·9	45·6	38·3	49·2	1·7	1·7	·230	·268	88	87	SSW 1	S 2	7	10	·260	
24	·46	29·47	50·8	39·7	38·8	50·9	0·6	0·9	·357	·226	95	92	SSW 4	SSW 0·5	10	10	·180	Overcast all day.
25	29·72	30·03	40·0	37·7	34·9	45·1	1·3	1·0	·220	·207	90	91	S 3	SSW 1	10	6	·250	
26	30·06	29·96	43·3	46·0	34·3	47·2	0·9	2·0	·261	·265	93	86	SSE 2	S 2	10	10	·140	
27	29·95	30·09	48·3	47·2	45·2	49·7	0·3	0·2	·331	·320	98	99	S 0·5	Calm 0	10	10	·700	Overcast all day.
28	30·21	·37	48·0	47·3	46·3	49·9	0·9	1·2	·312	·297	94	91	SE 1	SE 1	10	10	·010	Overcast all day.
29	·48	·50	44·2	46·8	42·0	47·9	0·2	0·8	·285	·301	98	94	SE 0·5	Calm 0	10	10	—	≋ a.
30	·52	·49	42·7	29·6	28·8	47·3	0·7	0·4	·259	·153	94	93	Calm 0	Calm 0	10	7	—	
31	30·45	30·35	30·0	37·4	27·1	37·6	0·5	0·3	·153	·217	92	97	Calm 0	Calm 0	10	10	·020	≋ all day. ⌴
Mean	29·622	29·681	41·2	40·6	35·3	46·1	1·0	1·1	·243	·235	91·2	90·8	1·5	1·5	8·9	9·3	4·780	

DUBLIN (PHŒNIX PARK).—DECEMBER 1893.

Height above Mean Sea Level, 155 feet. Heights above Ground:—Bar., 4 feet. Therms., 4 feet. Rain-gauge, 1 foot.
Long. 6° 21′ W. Lat. 53° 22′ N. Gravity Correction, + ·022 in.

Day.	Barometer at 32° Faht.		Air Temperature.				Humidity. Dep. of Wet.		Humidity. Vapour Tension.		Humidity. Per-centage.		Wind, Direction and Force.		Cloud Amount.		Rain.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	°	°	in.	in.	%	%					ins.	
1	29·87	30·15	32·1	26·9	25·1	38·5	2·4	0·3	·130	·137	71	94	N 2	Calm 0	1	0	—	Beautiful day.
2	30·33	·34	27·5	31·3	24·8	32·0	0·4	0·8	·138	·157	92	89	NNW 1	W 1	1	1	—	≋ a.
3	·23	·17	40·6	46·0	30·9	47·7	1·3	1·1	·225	·285	89	92	W 2	W 1	8	4	·010	Cloudy day. ● showers p.
4	·16	30·22	49·4	46·9	45·0	50·8	2·4	2·2	·293	·269	84	85	NW 1	Calm 0	8	8	·005	
5	30·22	29·99	43·2	48·2	41·2	48·6	1·4	2·0	·249	·288	89	86	Calm 0	SW 2	9	9	·010	● 0 9a. Cloudy day.
6	29·76	·48	48·8	46·6	45·0	52·2	2·3	1·8	·290	·276	84	88	SW 3	WSW 2	7	2	·070	Cloudy day. ● 0 p.
7	29·46	29·39	37·3	41·4	34·8	47·4	2·2	2·5	·181	·210	82	81	WSW 2	SSW 2	1	7	·160	Beautiful day.
8	28·83	28·90	46·2	39·4	38·1	49·8	3·5	1·9	·236	·205	76	85	SW 4	WSW 1	5	1	—	✓ (gale) 2a.—4a. ● 2 1a.—6a. Squally
9	29·08	29·22	36·3	35·1	33·8	40·4	2·1	1·4	·176	·177	82	86	SW 2	SW 1	4	0	·070	[✓ till 1p.
10	28·79	·06	41·5	37·5	33·2	48·2	1·2	1·9	·237	·188	90	84	SE 4	SW 1	10	1	·260	● 2 a. and p. Cloudy day. ✓
11	29·20	·21	36·8	39·3	30·1	42·8	3·6	3·6	·154	·174	71	73	SW 1	S 1	1	9	—	Beautiful day.
12	29·04	·04	38·3	37·6	30·3	44·3	2·4	2·6	·185	·177	80	78	Calm 0	Calm 0	6	8	·410	Cloudy a. Bright p. ● 2 11p.
13	28·42	·09	48·6	36·4	30·0	50·9	1·5	1·5	·305	·187	90	87	SW 3	Calm 0	9	1	·070	● 2 a. Cloudy day.
14	29·72	29·92	31·3	40·7	29·4	41·7	1·2	3·2	·147	·192	83	76	W 1	SW 2	0	9	·025	Beautiful day. ● showers n.
15	29·95	30·00	52·1	51·6	40·1	56·8	1·5	2·9	·350	·309	89	80	SW 2	SW 3	5	4	—	
16	30·05	29·98	51·8	50·0	48·5	54·1	3·2	1·8	·304	·314	79	87	SW 4	SW 1	5	8	·025	✓ a. Cloudy day. ● 0 7p.—8p.
17	30·00	·77	45·9	49·4	42·8	52·3	2·4	2·8	·256	·285	84	81	SW 1	S 2	1	8	·140	Beautiful day.
18	29·65	29·57	39·7	40·9	37·4	49·8	0·8	2·7	·228	·202	93	80	W 1	SSW 1	9	4	·105	7a.—11a. Cloudy day.
19	28·73	28·89	47·2	39·8	38·5	50·9	2·2	2·3	·273	·201	85	82	SW 2	W 3	8	0	·280	Cloudy day. ● 0 showers.
20	28·62	29·01	38·4	36·2	34·6	40·3	1·0	2·2	·212	·173	92	81	NNW 1	W 2	10	1	·040	● 0 2a.—10a. Dull day.
21	29·26	·49	35·8	37·6	33·0	41·5	1·3	1·9	·187	·196	89	84	W 2	W 1	4	0	·030	✳ 4a.
22	·23	·61	51·6	41·6	36·2	52·1	2·5	1·8	·318	·226	83	86	SW 3	W 2	9	4	·110	Dull, with ● 0 a. Cloudy p.
23	·88	·89	42·4	44·8	40·1	49·8	1·7	1·8	·235	·255	87	86	SW 1	SSW 1	4	2	·020	Beautiful day.
24	·62	29·47	51·8	42·9	41·9	54·1	1·8	1·1	·338	·253	87	91	S 4	W 1	6	8	·660	Dull, with ✓ ●.
25	29·86	30·09	40·7	39·8	37·3	46·9	2·6	2·1	·202	·204	80	84	SW 2	W 1	2	1	·015	Dull a. Cloudy p. ● 0 1p.
26	30·15	·08	46·4	47·1	36·2	49·6	2·0	2·8	·269	·259	86	80	SW 1	S 2	7	5	—	
27	·02	·11	51·0	51·2	45·6	52·5	2·1	1·9	·321	·328	85	87	SW 2	SW 2	8	9	—	
28	·27	·40	49·8	43·7	37·1	52·8	2·7	1·1	·290	·260	82	91	S 1	Calm 0	7	5	·005	
29	·48	·53	46·0	44·4	43·2	47·0	1·1	1·1	·285	·267	92	91	Calm 0	Calm 0	9	9	·025	● 0 9a. Dull day.
30	·54	·51	40·2	28·5	27·7	45·1	1·1	0·3	·226	·147	91	95	Calm 0	Calm 0	5	0	—	Cloudy, with ≋ 0 a. Bright p. ≋ 0 n.
31	30·45	30·34	29·8	36·2	26·0	36·7	0·3	1·1	·158	·193	95	90	Calm 0	W 1	7	6	·020	Dull, with ≋ 0 a. Cloudy p.
Mean	29·673	29·739	42·5	41·3	36·1	47·3	1·9	1·9	·239	·225	85·2	85·2	1·7	1·2	5·7	4·3	2·565	

PARSONSTOWN (BIRR CASTLE).—DECEMBER 1893.

Height above Mean Sea Level, 175 feet. Heights above Ground:—Bar., −2 feet. Therms., 4 feet 6 inches. Rain-gauge, 8 inches
Long. 7° 55′ W. Lat. 53° 6′ N. Gravity Correction, + ·021 in.

1	29·90	30·16	31·7	26·5	25·0	37·7	2·7	0·2	·121	·138	67	96	NW 1	Calm 0	10	0	—	Fine day.
2	30·32	·32	22·8	30·2	20·8	36·2	0·1	0·1	·119	·166	97	98	Calm 0	Calm 0	0	0	—	Fine and frosty.
3	·24	·19	39·2	47·2	29·8	48·7	0·8	0·5	·224	·313	93	97	SW 1	SW 1	10	10	—	Dull day.
4	·20	·23	46·7	45·5	39·6	49·7	0·8	1·1	·301	·280	94	92	NW 1	NW 1	10	10	—	Overcast all day.
5	30·20	30·01	42·7	48·5	40·3	48·7	0·5	0·6	·263	·326	96	95	SW 1	SW 1	10	10	—	Overcast all day. ≋ 0 (mist).
6	29·76	29·50	49·7	45·7	44·8	51·8	2·8	3·0	·288	·241	81	79	SW 1	SW 2	10	10	·174	Dull day.
7	29·51	29·32	35·7	41·5	35·0	45·8	0·7	1·6	·196	·229	94	88	SW 1	SW 3	6	10	·180	Dull, with ●.
8	28·84	28·90	44·7	36·8	36·4	49·2	2·8	1·1	·235	·107	79	91	SW 1	SW 1	10	2	·190	Dull, with ● ✳ ▲.
9	29·08	29·17	34·8	32·9	31·8	37·7	0·4	0·8	·194	·171	96	91	SW 1	SW 1	10	10	·300	Dull, with ✳ ▲.
10	28·60	·01	41·2	35·2	30·8	43·5	1·4	0·3	·229	·200	89	97	SE 4	Calm 0	10	10	·250	Stormy a. Dull, with ● 2.
11	29·18	29·07	33·8	36·5	30·9	39·2	2·9	1·6	·138	·186	71	86	SE 1	SE 1	10	9	—	
12	29·00	28·91	36·1	37·8	33·8	42·5	1·1	1·7	·192	·194	90	86	SW 1	SE 1	6	10	·560	Bright day.
13	28·31	29·08	48·8	36·1	35·4	48·8	1·9	0·7	·300	·200	86	94	SE 1	SW 1	10	3	—	Dull day.
14	29·69	·84	34·7	41·8	28·4	41·8	0·3	2·5	·195	·215	97	81	SW 1	SE 1	0	10	·084	Fine day.
15	·94	·96	52·2	53·7	39·9	54·7	0·5	3·0	·377	·332	97	80	SSW 1	S 3	10	10	—	
16	·96	·93	52·1	47·5	46·9	53·7	2·7	1·4	·319	·294	81	90	SSW 1	S 1	10	10	·060	Dull day.
17	·94	·66	41·9	48·8	39·4	50·0	0·9	1·9	·246	·300	93	86	SE 1	SSE 4	0	10	·288	Fine day. Squally 9p.
18	29·59	29·45	39·2	38·9	36·8	49·3	0·9	1·8	·222	·202	92	86	SW 1	S 2	10	7	·090	Dull, with ●.
19	28·69	28·94	42·2	39·5	37·7	46·5	1·2	2·6	·243	·192	90	79	SSE 1	W 2	10	10	·398	✳ ● a.
20	28·58	29·03	35·2	36·5	32·2	39·5	0·5	2·6	·196	·168	95	78	NE 2	WNW 2	10	1	—	✳ ⌴ in past n.
21	29·28	·49	36·2	36·6	32·4	42·5	1·5	1·4	·186	·190	87	88	SW 1	Calm 0	2	7	·162	Dull with ● 2.
22	·21	·60	50·2	42·1	35·2	50·7	0·9	2·0	·340	·226	94	85	SW 2	W 2	10	10	·240	Dull, with ● 2.
23	·84	·82	41·3	44·3	35·4	47·7	0·9	1·0	·241	·268	93	92	S 1	S 2	2	10	·078	
24	·53	29·50	52·2	41·9	41·0	52·2	1·5	1·6	·350	·233	90	88	SW 3	SW 3	10	10	·600	Dull, with ● 2.
25	29·82	30·06	39·3	38·0	36·7	46·7	1·5	0·6	·211	·216	88	95	SSW 2	SSW 2	10	10	·142	Dull, with ● 2 a. ∞ n.
26	30·08	29·68	41·7	46·5	37·0	47·5	0·6	1·7	·251	·277	95	88	SE 1	S 2	7	10	—	Dull day.
27	29·95	30·06	49·3	49·5	44·2	52·1	1·4	0·7	·316	·336	90	95	SE 1	ESE 1	10	10	·142	Dull, with ● 2.
28	30·21	·34	47·3	42·8	40·9	50·6	1·5	0·6	·291	·261	90	96	SE 1	ESE 1	6	0	—	Dull a. Fine p.
29	·45	·48	45·2	44·2	40·0	48·2	0·5	1·2	·290	·263	97	91	SE 1	SE 1	10	10	—	Dull day.
30	·49	·47	41·7	31·7	31·4	45·6	0·9	0·4	·246	·170	93	95	Calm 0	Calm 0	8	10	—	Fine day. ≋ p.
31	30·42	30·33	27·6	34·2	24·3	34·2	0·3	0·4	·142	·190	94	96	Calm 0	Calm 0	10	10	·040	Cold, with ≋.
Mean	29·638	29·703	41·2	40·6	35·4	46·2	1·2	1·3	·241	·231	90·0	89·6	1·2	1·4	8·0	8·0	3·078	

Part II.—Monthly Summaries from Stations of the Second Order, 1893.

On pages 132, 133, will be found the list of stations, the returns from which are published as Monthly Means and Summaries on the Form B., adopted for International use by the Meteorological Congress at Rome in 1879, but which has been modified by the introduction of columns showing the "Depression of Wet-bulb."

As in previous years, the list includes the stations, observations at which are given in the preceding pages *in extenso* on Form A., together with fifty others, the results from which are given only in the form of Monthly Summaries. Of these additional stations, 14 are in connexion with the Scottish Meteorological Society (distinguished by "𝔖" in the list), and 10 belong to the Royal Meteorological Society (distinguished by "𝔐"). The list differs from that for 1892, by the addition of Seaham Harbour, near Sunderland, observer, Mr. G. H. Aird; and Sheffield (Weston Park Museum), observer, Mr. Elijah Howarth, F.R.A.S.; and the omission of Babbacombe.

The hours of observation were, as before, 9 a.m. and 9 p.m. local time at all the stations, except those marked 𝔖, where Greenwich time was kept, and excepting also the five observatories.

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

The Mean Pressure (which, as in the volumes for 1886–92, is given at station level,—not reduced to the mean sea level as in previous years, see page 2) 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 means of which are, however, given for each month.

The corrections required to reduce the barometer readings to the Gravity of latitude of 45° are inserted at the head of each Table.

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

In some earlier volumes the decision of the Vienna Congress that the days of precipitation, irrespective of amount, should be counted as the number of days of rain, has been literally observed; but since the common practice of British Meteorologists has been to take ·01 inch (·005 inch in those cases where the rainfall was observed to thousandths of an inch) as the minimum for a rainy day, and as, moreover, many observers do not record closer than to hundredths of an inch, it has been deemed desirable to adopt this as the lower limit, 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, as explained above) 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. At Wolfelee there is some uncertainty as to the exact method followed in this year with regard to the daily entry of snow-fall, and it would appear as if in certain cases the snow had not been melted and measured each day. The days of rainfall at this station for the winter months must therefore be accepted with some reserve.

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, or its equivalent velocity of 37 miles per hour [Factor 3]) 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., SE by E., &c., have been taken as S., SE., &c. But it must be observed that for some of the Scottish Society's stations a slightly different plan has been followed, and directions between and including ENE. to ESE. have been counted as E., SSE. to SSW. as S., and so on.

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 "𝔐" and "𝔖" respectively. The returns from these stations are published here under an arrangement which will be found detailed in the Annual Reports of the Meteorological Office.

On pages 182–183 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 184 will be found, as Part IV., a table giving the number of hours of bright Sunshine registered at various stations.

As stated on page 2 the heights given in previous volumes (up to and including 1885) as those of the Irish stations above mean sea level, are in reality the heights of those stations above the datum level of the Irish Ordnance Survey, which is mean low-water mark, and which is 7 feet lower than the ordnance datum for Great Britain. In the present volume the heights of all the stations are referred to the mean sea level.

As previously mentioned, returns from the observatories or stations of the First Order in connexion with the Meteorological Office are included in this publication. These stations are Aberdeen, Fort William, Kew, Falmouth, and Valencia. The tables given are based on observations at 9 a.m. and 9 p.m., Greenwich mean time, each day, except for cloud amount which is for 10 a.m. and 10 p.m., and for rainfall which was measured each morning at about 10 o'clock.

Stations	Observers.
Deerness (Orkney)	M. Spence.
✠ Lairg	John Young.
✠ Dunrobin Castle	D. Melville (for the Duke of Sutherland, K.G.).
✠ Gordon Castle	C. Webster (for the Duke of Richmond and Gordon, K.G.).
✠ Glencarron	D. D. Munro (for Lord M'Laren).
Aberdeen	Prof. C. Niven, M.A., F.R.S.
✠ Fort Augustus	Rev. A. Weld Blundell (The Monastery).
✠ Braemar	James Aitken, J.P.
Fort William	R. T. Omond, F.R.S.E. (for Directors Ben Nevis Observatory).
✠ Lednathie	William Morrison (for J. Stormonth Darling).
Laudale (Argyleshire)	A. Fletcher (for T. H. G. Newton, M.A., F.R.Met.Soc.).
✠ Dundee	*The late* W. Ross M'Kelvie (The Cemeteries).
✠ Ochtertyre	George Croucher (for Sir Patrick Keith Murray, Bart.).
✠ * Poltalloch	J. Russell (for Lord Malcolm of Poltalloch, ~~M.P.~~).
Edinburgh	R. C. Mossman, F.R.S.E., F.R.Met.Soc.
Glasgow	*The late* Prof. R. Grant, M.A., LL.D., F.R.S.
✠ Rosewell	R. B. Mitchell, M.D.
✠ Rothesay (Isle of Bute)	James Kay.
✠ Marchmont	Peter Loney (for Sir Hugh P. H. Campbell, Bart.).
Ladylaw (Hawick)	Wm. R. Wilson.
✠ Wolfelee	William Cockburn (for J. T. S. Elliott).
✠ Pinmore (Ayrshire)	Peter Donald (for Captain Hamilton).
✠ Glenlee	W. Melville (for George Maxwell).
✠ Cargen	*The late* P. Dudgeon, F.R.S.E., and Alex. Peacock.
Seaham	G. H. Aird.
Durham	H. J. Carpenter, F.R.A.S.
✠ Rounton (Yorkshire)	Sir I. Lowthian Bell, F.R.S., F.R.Met.Soc.
Aysgarth (Yorkshire)	Rev. Fenwick W. Stow, M.A., F.R.Met.Soc.
✠ Scarborough	W. Robinson, and H. G. H. Monk, M.R.C.S., D.P.H.
Cronkbourne (Douglas), Isle of Man	A. W. Moore, M.A., J.P., F.R.Met.Soc.
York	H. M. Platnauer, B.Sc., F.G.S. (for the Yorkshire Phil. Soc.).
Stonyhurst College	Rev. W. Sidgreaves, S.J.
✠ Wakefield	H. Clarke, L.R.C.P., F.S.S., F.R.Met.Soc.
Prestwich	T. R. H. Clunn, M.D., F.R.Met.Soc.
Liverpool	*The late* John Hartnup, F.R.A.S. and W. E. Plummer, F.R.A.S.
Tealby (Lincolnshire)	Rev. S. Lewin, M.A.
Sheffield (Weston Park Museum)	Elijah Howarth, F.R.A.S.
✠ Llandudno	J. Nicol, M.D., J.P., F.R.Met.Soc.
✠ Buxton	W. H. Beck.
✠ Cheadle	J. C. Philips, J.P.
✠ Hillington (Norfolk)	Rev. H. E. B. 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.
✠ Bennington (Herts)	Rev. J. D. Parker, LL.D., F.R.Met.Soc.
✠ Cheltenham	R. Tyrer, B.A., F.R.Met.Soc.
St. David's, Pembroke	W. P. Propert, M.A., LL.D., F.G.S., F.R.Met.Soc.
✠ Carmarthen	G. J. Hearder, M.D.
✠ Berkhamsted (Herts)	E. Mawley, F.R.H.S., F.R.Met.Soc.
Kew	*The late* G. M. Whipple, B.Sc., F.R.A.S., and C. Chree, M.A. (for the Kew Committee).
✠ Margate	J. Stokes, F.R.Met.Soc.

* Formerly known as Callton Mor.

Stations.	Observers.
Southampton (Ordnance Survey Office)	J. T. Cook (for the Director-General of Survey).
St. Leonards	H. Colborne, M.R.C.S.
Eastbourne	R. Sheward, F.R.Met.Soc.
Parkstone (Bournemouth)	R. Hawkesworth Barnes, B.A., F.R.Met.Soc.
✠ Rousdon	C. E. Peek, M.A., J.P., F.R.A.S., F.R.Met.Soc.
Plymouth	H. N. Dickson, F.R.S.E., and H. Victor Prigg, C.E.
Falmouth	E. Kitto, F.R.Met.Soc. (for the Royal Cornwall Polytechnic Society).
Londonderry	J. Conroy, F.R.Met.Soc.
✠ Lissan (Co. Tyrone)	Sir Nathaniel Staples, Bart.
Armagh Observatory	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 (Co. Sligo)	A. Marth, F.R.A.S. (for Colonel Cooper, F.R.A.S.).
Arley Cottage (Mount Nugent)	Lord Farnham, F.R.A.S.
Edgeworthstown	J. M. Wilson, M.A., J.P.
Glasnevin (Botanic Gardens)	F. W. Moore, M.R.I.A.
Dublin (O.S.O. Phœnix Park)	Corpl. Stone (for Lt.-Col. Kirkwood, R.E.).
Dublin (City)	J. W. Moore, M.D., F.R.Met.Soc.
Parsonstown (Birr Castle)	O. Boeddicker, Ph.D. (for the Earl of Rosse, F.R.S., K.P.).
✠ Killarney	The Ven. Archdeacon Wynne, M.A., F.R.Met.Soc.
Valencia	J. E. Cullum, F.R.Met.Soc. (for the Meteorological Council).

NOTE.—In the above list, as in that on page 1, the stations are arranged in order of latitude, beginning with the most northerly, but starting afresh for the Irish stations.

DEERNESS

Long. 2° 45′ W. Lat. 58° 56′ N. Height above Mean Sea Level, 169 feet. Gravity Correction, + ·036 in.

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·737	37·6	37·7	37·7	33·8	40·6	27·0	5, 20	47·4	23rd	1·6	1·8	1·7	·197	·193	·195	84·8	82·9	83·9
February -	·285	37·7	37·8	37·8	34·7	40·9	24·3	25th	46·8	18th	1·4	1·2	1·3	·199	·204	·202	86·5	88·3	87·4
March -	·678	42·0	40·4	41·2	36·5	45·5	24·0	18th	54·3	25th	1·7	1·6	1·7	·234	·219	·227	86·0	85·2	85·6
April -	·946	46·0	42·7	44·4	39·5	50·0	32·0	16th	57·8	24th	2·5	1·7	2·1	·258	·241	·250	82·0	86·8	84·4
May -	·851	49·3	47·0	48·2	43·7	52·7	35·0	5th	59·8	10th	2·7	1·5	2·1	·289	·289	·289	82·0	89·4	85·7
June -	·796	53·5	51·1	52·3	47·3	57·5	42·0	1st, 2nd	70·0	16th	2·6	1·3	2·0	·344	·345	·345	83·6	91·4	87·5
July -	·656	54·9	52·9	53·9	50·3	58·6	47·0	27th	65·1	2nd	2·0	1·7	1·9	·375	·358	·367	86·9	88·8	87·9
August -	·695	56·5	53·8	55·2	50·7	59·4	42·7	31st	66·8	12th	2·1	1·3	1·7	·401	·389	·395	86·7	91·0	88·9
September	·448	52·0	49·8	50·9	46·0	54·6	35·8	23rd	64·7	5th	2·8	2·0	2·4	·323	·315	·319	81·6	86·2	83·9
October -	·409	47·2	46·8	47·0	42·7	50·3	32·0	30th	56·4	21st	2·0	1·9	2·0	·283	·281	·282	86·0	86·5	86·3
November	·725	39·5	39·6	39·6	34·9	43·6	26·4	30th	50·8	28, 29	1·9	1·9	1·9	·209	·209	·209	84·7	83·3	84·0
December	29·379	41·3	41·4	41·4	36·7	45·0	23·0	1st	51·8	16th	1·7	1·6	1·7	·226	·230	·228	86·2	87·1	86·7
Year -	29·634	46·5	45·1	45·8	41·4	49·9	—	—	—	—	2·1	1·6	1·9	·278	·273	·276	84·8	87·2	86·0

LAIRG

Long. 4° 22′ W. Lat. 58° 1′ N. Height above Mean Sea Level, 335 feet. Gravity Correction, + ·033 in.

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·582	33·7	34·5	34·1	27·9	39·3	8·0	6th	49·0	24th	1·2	1·0	1·1	·169	·180	·175	87	90	89
February -	·116	35·4	35·3	35·4	31·0	42·5	17·0	26th	50·5	19th	1·2	1·1	1·2	·184	·185	·185	89	90	90
March -	·536	40·0	38·9	39·5	33·3	49·7	16·0	17th	64·0	23rd	2·1	1·4	1·8	·205	·210	·208	83	90	87
April -	·777	47·1	43·1	45·1	35·4	56·6	26·0	13th	73·2	24th	3·1	1·9	2·5	·252	·237	·245	78	85	82
May -	·642	52·1	48·2	50·2	42·8	59·0	27·0	2nd	71·0	6th	3·8	1·9	2·9	·293	·290	·292	75	87	81
June -	·626	58·5	55·2	56·9	46·6	65·6	36·0	5th	79·5	18th	4·5	2·8	3·7	·360	·357	·359	73	82	78
July -	·476	58·2	54·9	56·6	50·1	64·2	40·0	1st	78·5	7th	3·9	2·1	3·0	·372	·372	·372	77	87	82
August -	·508	59·0	56·0	57·5	49·5	66·1	35·0	6th	79·0	16th	3·7	1·9	2·8	·388	·394	·391	78	88	83
September	·306	51·2	49·0	50·1	41·9	56·8	25·0	26th	73·2	4th	3·0	1·6	2·3	·302	·308	·305	81	89	85
October -	·248	45·5	44·5	45·0	39·6	51·2	29·0	31st	59·0	15th	1·6	1·2	1·4	·268	·266	·267	88	90	89
November	·598	36·5	35·7	36·1	30·8	40·0	20·0	26th	54·0	28th	0·8	0·7	0·8	·200	·196	·198	93	94	94
December	29·255	40·1	38·0	39·1	33·4	45·2	12·0	1st	54·0	16th	1·3	1·1	1·2	·221	·206	·214	89	90	90
Year -	29·473	46·4	44·4	45·4	38·5	53·0	—	—	—	—	2·5	1·6	2·1	·268	·267	·268	82·6	88·5	85·6

DUNROBIN CASTLE

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·943	37·0	37·5	37·3	33·3	42·1	17·5	6th	53·5	19th	2·0	2·0	2·0	·185	·189	·187	80·5	81·3	80·9
February -	·476	36·5	37·9	37·2	33·5	43·4	27·3	26th	52·5	18th	1·9	2·2	2·1	·180	·188	·184	82·0	81·8	81·9
March -	29·900	43·1	41·7	42·4	36·0	48·9	26·3	18th	59·5	25th	1·6	1·4	1·5	·248	·238	·243	87·9	88·5	88·2
April -	30·143	47·2	45·4	46·3	38·6	56·3	31·5	16th	67·5	20th	2·6	2·2	2·4	·270	·259	·265	82·7	84·6	83·7
May -	30·016	51·6	49·8	50·7	45·1	56·3	32·9	2nd	64·4	27th	3·5	2·5	3·0	·298	·299	·299	77·7	83·2	80·5
June -	29·980	57·2	55·2	56·2	49·8	62·5	44·1	5th	78·9	18th	4·0	2·7	3·4	·359	·364	·362	76·2	82·8	79·5
July -	·835	57·9	55·6	56·8	51·9	61·5	47·6	22, 27	68·4	7th, 8th	3·6	3·1	3·4	·379	·357	·368	78·4	80·1	79·3
August -	·882	58·7	56·5	57·6	52·1	63·1	44·7	2nd	74·6	15th	3·1	2·2	2·7	·403	·398	·401	81·1	86·4	83·8
September	·664	52·0	50·4	51·2	45·0	57·3	32·5	3rd	67·5	5th	3·4	2·7	3·1	·309	·308	·309	78·3	82·0	80·2
October -	·635	46·9	46·8	46·9	41·4	52·7	30·5	31st	60·5	20th	2·2	2·4	2·3	·276	·270	·273	84·4	83·0	83·7
November	·958	39·1	39·0	39·1	33·3	43·9	24·7	25th	54·5	27, 28	2·0	2·2	2·1	·203	·197	·200	83·4	81·0	82·2
December	29·601	41·6	40·8	41·2	35·2	45·8	22·0	1st	55·5	6th	1·8	2·2	2·0	·228	·214	·221	85·3	82·1	83·7
Year -	29·836	47·4	46·4	46·9	41·3	52·8	—	—	—	—	2·6	2·3	2·5	·278	·273	·276	81·5	83·1	82·3

DEERNESS.

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

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January - -	7·3	6·7	7·0	3·600	·320	13th	24	9	0	1	2	11	15	6	4	6	7	10	7	10	10	2
February - -	6·4	5·3	5·9	2·660	·540	14th	16	7	1	0	2	6	8	4	4	6	8	12	7	7	4	4
March - -	6·7	3·6	5·2	2·500	·400	12th	15	3	2	1	5	6	14	3	2	3	6	6	13	16	7	6
April - -	6·2	4·1	5·2	1·140	·450	2nd	6	0	2	1	6	8	5	9	3	0	8	10	9	14	5	2
May - -	6·9	7·6	7·3	1·450	·250	10th	9	0	0	0	2	13	3	6	0	7	23	6	1	12	6	1
June - -	7·4	6·9	7·2	0·410	·150	22nd	5	0	0	0	4	15	0	11	3	3	16	5	1	6	12	3
July - -	8·6	8·1	8·4	3·040	·770	18th	12	0	0	0	1	20	1	8	4	9	16	2	3	8	9	3
August - -	7·3	7·0	7·2	1·870	·520	14th	8	0	0	3	3	17	3	6	2	4	13	9	6	11	7	4
September -	6·9	6·0	6·5	5·240	1·080	12th	20	0	2	0	0	8	9	14	1	1	1	8	11	10	13	1
October - -	7·7	6·7	7·2	7·070	·810	9th	25	1	1	2	1	13	13	7	2	6	4	4	14	12	11	2
November -	7·7	6·9	7·3	6·110	1·550	17th	20	7	2	1	0	13	17	18	4	0	0	3	8	10	14	3
December -	6·6	6·1	6·4	4·210	·600	19th	17	3	1	1	1	6	18	3	1	0	3	14	18	16	6	1
Year -	7·1	6·3	6·7	39·300	—	—	177	30	11	10	27	136	106	95	30	45	105	89	98	132	104	32

LAIRG.

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

				ins.	ins.																	
January - -	7·5	6·6	7·1	3·110	·500	23rd	23	4	0	0	0	11	1	8	9	14	3	0	6	7	10	5
February - -	8·1	7·1	7·6	3·680	1·140	14th	22	1	0	0	2	14	4	14	9	11	2	0	6	8	3	3
March - -	7·1	6·3	6·7	2·220	·480	14th	19	3	0	0	4	13	1	5	2	10	0	0	7	17	9	12
April - -	6·4	3·7	5·1	1·860	·710	6th	15	0	0	0	7	8	0	2	5	7	9	2	2	12	8	13
May - -	7·9	6·7	7·3	1·490	·280	11th	18	0	0	0	2	17	0	6	0	6	20	3	4	7	10	6
June - -	6·2	6·1	6·2	1·100	·190	3rd	12	0	0	1	9	13	0	0	6	3	15	2	2	7	13	12
July - -	8·2	8·2	8·2	4·310	·660	18th	24	0	0	1	0	18	0	5	3	0	20	3	5	15	7	6
August - -	8·4	7·7	8·1	4·100	·900	4th	27	0	0	0	1	18	1	1	3	5	17	0	8	8	11	9
September -	8·3	7·6	8·0	5·600	·960	12th	24	1	0	0	2	20	2	12	2	4	3	0	5	20	7	7
October - -	9·3	8·6	9·0	5·600	·780	24th	28	2	0	0	0	22	2	7	2	3	4	1	7	14	14	10
November -	9·3	9·8	9·6	4·500	·920	17th	20	2	0	0	0	25	2	16	2	9	3	0	2	6	11	11
December -	8·1	7·8	8·0	4·170	·500	2nd	26	0	0	0	1	19	1	5	0	3	6	3	16	7	18	4
Year -	7·9	7·2	7·6	41·740	—	—	258	13	0	2	28	198	14	81	43	75	102	14	70	126	121	98

DUNROBIN CASTLE.

Heights above Ground:—Barometer, 4 feet. Thermometers, 3 feet 8 inches. Rain-gauge, 1 foot.

				ins.	ins.																	
January - -	—	—	—	2·570	·360	17th	15	3	1	0	—	—	—	4	3	17	0	0	0	24	14	0
February - -	—	—	—	2·410	·370	14th	14	4	0	0	—	—	—	3	3	18	0	1	2	20	9	0
March - -	—	—	—	1·270	·310	9th	11	3	0	0	—	—	—	1	0	19	1	0	3	28	10	0
April - -	—	—	—	1·450	·530	29th	10	0	0	0	—	—	—	0	2	16	0	1	1	32	8	0
May - -	—	—	—	1·280	·250	3rd	14	0	0	1	—	—	—	2	1	32	0	0	1	24	2	0
June - -	—	—	—	1·340	·440	4th	9	0	0	0	—	—	—	1	4	37	2	0	1	8	7	0
July - -	—	—	—	3·010	·670	18th	17	0	0	1	—	—	—	2	5	23	6	0	3	20	3	0
August - -	—	—	—	2·670	·390	4th	19	0	0	0	—	—	—	0	1	28	2	0	1	26	4	0
September -	—	—	—	4·550	·750	7th	20	1	0	0	—	—	—	0	1	7	0	0	4	41	7	0
October - -	—	—	—	4·490	·630	8th	21	1	0	0	—	—	—	0	7	9	0	0	3	34	9	0
November -	—	—	—	5·150	1·630	17th	18	4	0	0	—	—	—	3	20	1	0	0	5	15	16	0
December -	—	—	—	3·110	·540	2nd	17	3	0	0	—	—	—	3	2	6	4	0	7	21	19	0
Year -	—	—	—	33·300	—	—	185	19	1	2	—	—	—	19	49	213	15	2	31	293	108	0

GORDON CASTLE

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

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·843	37·4	37·5	37·5	31·3	40·5	7·0	6th	51·6	24th	2·5	2·5	2·5	·177	·177	·177	79	79	79
February -	·388	37·6	39·0	38·3	32·7	43·8	12·9	26th	55·4	19th	2·5	3·0	2·8	·179	·181	·180	79	77	78
March -	29·813	43·9	43·3	43·6	35·8	50·9	25·5	3rd	65·0	25th	3·7	3·5	3·6	·210	·208	·209	73	75	74
April -	30·043	50·2	47·5	48·9	38·9	56·9	27·9	9th	69·5	23rd	5·3	3·8	4·6	·241	·242	·242	67	74	71
May -	29·912	55·1	52·4	53·8	45·1	60·1	33·7	2nd	69·5	9th	5·4	5·0	5·2	·294	·270	·282	68	69	69
June -	·866	60·7	58·5	59·6	48·3	66·1	41·1	11th	80·0	15th	5·9	4·3	5·1	·357	·365	·361	67	74	71
July -	·723	60·1	57·8	59·0	51·5	65·2	46·3	22nd	76·5	7th	4·4	3·3	3·9	·386	·383	·385	75	80	78
August -	·780	61·9	58·5	60·2	51·3	67·2	39·5	28th	75·6	9th	4·8	2·7	3·8	·403	·408	·406	73	83	78
September	·568	53·8	51·1	52·5	44·3	58·9	30·3	26th	72·5	5th	3·6	3·0	3·3	·317	·300	·309	76	80	78
October -	·543	48·7	47·0	47·9	41·6	53·3	30·5	31st	62·5	16th	3·4	2·8	3·1	·264	·257	·261	77	80	79
November	·837	39·1	39·1	39·1	35·2	46·5	21·2	14th	57·9	29th	2·2	1·9	2·1	·196	·202	·199	82	85	84
December	29·523	41·4	41·9	41·7	36·5	46·0	24·0	1st	58·1	16th	3·3	3·1	3·2	·196	·205	·201	76	78	77
Year -	29·737	49·2	47·8	48·5	41·0	54·6	—	—	—	—	3·9	3·2	3·6	·268	·267	·268	74·3	77·8	76·1

GLENCARRON

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·412	35·7	36·3	36·0	30·9	39·9	14·0	6th	51·5	30th	1·5	1·5	1·5	·182	·186	·184	86	87	87
February -	28·932	36·2	38·5	37·4	31·4	43·4	15·9	13th	53·7	6th	1·5	1·7	1·6	·186	·199	·193	87	86	87
March -	29·378	41·9	40·6	41·3	34·6	48·3	20·6	17th	63·9	29th	2·4	1·9	2·2	·218	·214	·216	83	86	85
April -	·602	48·5	45·5	47·0	38·4	56·7	30·5	12th	75·0	23rd	3·0	2·9	3·0	·270	·241	·256	80	79	80
May -	·472	52·9	50·2	51·6	44·3	59·4	31·0	2nd	76·9	6th	3·9	2·2	3·1	·300	·307	·304	75	85	80
June -	·438	58·3	54·2	56·3	48·1	64·8	41·7	2nd	76·0	11th	4·9	2·9	3·9	·348	·340	·344	71	81	76
July -	·300	57·6	54·6	56·1	50·3	64·3	42·7	27th	78·7	8th	3·8	2·7	3·3	·367	·352	·360	78	82	80
August -	·346	58·3	56·5	57·4	51·3	64·4	36·6	6th	77·4	9th	2·9	2·8	2·9	·400	·376	·388	81	82	82
September	·149	50·6	48·8	49·7	43·0	56·3	30·5	23rd	69·8	4th	2·5	1·9	2·2	·306	·300	·303	83	86	85
October -	·114	45·7	44·5	45·1	39·7	51·2	21·0	30th	58·8	21st	1·6	1·6	1·6	·270	·257	·264	89	88	89
November	·438	37·5	36·9	37·2	31·7	42·5	23·0	14th	51·0	28th	1·5	0·8	1·2	·195	·203	·199	87	93	90
December	29·087	41·0	40·7	40·9	34·7	44·6	19·0	1st	52·5	16th	1·9	1·8	1·9	·217	·217	·217	85	86	86
Year -	29·306	47·0	45·6	46·3	39·9	53·0	—	—	—	—	2·6	2·1	2·4	·272	·266	·269	82·1	85·1	83·6

ABERDEEN

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·870	37·1	37·0	37·1	32·8	40·8	12·5	6th	53·0	23rd	2·2	2·4	2·3	·179	·175	·177	81	80	81
February -	·418	36·9	37·6	37·3	34·1	42·4	25·4	13th	53·5	18th	1·9	2·1	2·0	·183	·186	·185	84	82	83
March -	29·845	42·6	42·6	42·6	36·3	49·8	26·3	18th	61·3	25th	3·5	3·5	3·5	·203	·203	·203	75	75	75
April -	30·077	46·8	44·2	45·5	39·2	51·7	30·6	9th	61·5	19th	3·7	2·7	3·2	·237	·232	·235	75	80	78
May -	29·958	50·7	48·8	49·8	44·9	55·1	36·0	2nd	67·4	11th	3·2	2·6	2·9	·291	·283	·287	79	81	80
June -	·890	55·9	53·5	54·7	49·8	59·6	46·3	5th	74·9	16th	3·6	2·6	3·1	·349	·339	·344	78	82	80
July -	·758	57·0	54·7	55·9	51·8	61·1	47·3	27th	70·7	24th	3·4	2·5	3·0	·367	·358	·363	79	83	81
August -	·817	59·4	57·2	58·3	52·3	64·7	38·8	28th	76·5	15th	4·0	2·8	3·4	·387	·386	·387	76	82	79
September	·586	52·4	50·6	51·5	44·9	58·0	32·5	26th	69·3	15th	3·6	2·7	3·2	·301	·301	·301	77	81	79
October -	·571	47·5	46·2	46·9	42·1	52·9	31·6	31st	60·7	16th	2·8	2·5	2·7	·263	·257	·260	81	83	82
November	·842	40·0	39·9	40·0	36·2	44·7	28·6	22nd	55·0	28th	2·3	2·3	2·3	·202	·201	·202	82	82	82
December	29·578	40·2	40·5	40·4	36·1	44·9	23·7	1st	52·6	6th	2·3	2·4	2·4	·203	·204	·204	82	81	82
Year -	29·768	47·2	46·1	46·7	41·7	52·1	—	—	—	—	3·0	2·6	2·8	·264	·260	·262	79·1	81·0	80·1

GORDON CASTLE.

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

1893.	Amount of Cloud. 9 a.m.	9 p.m	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January - -	8·1	6·2	7·2	1·810	·320	17th	17	0	0	0	0	14	0	1	6	0	14	5	17	5	14	0
February - -	6·4	5·9	6·2	3·230	·930	27th	14	2	0	0	1	7	0	0	7	1	15	6	19	4	4	0
March - -	5·6	5·1	5·4	0·710	·190	10th	9	0	0	0	4	7	0	1	4	0	18	4	27	3	5	0
April - -	5·9	5·4	5·7	1·250	·420	16th	11	0	0	2	5	7	0	6	9	0	17	1	11	2	14	0
May - -	7·2	6·9	7·1	1·520	·430	28th	15	0	0	0	3	12	0	1	5	3	28	1	7	4	13	0
June - -	5·9	4·7	5·3	2·380	1·220	23rd	10	0	0	2	6	8	0	6	9	0	13	4	8	1	19	0
July - -	7·0	7·5	7·3	3·580	·790	18th	18	0	0	2	0	11	0	1	9	0	12	1	14	5	20	0
August - -	6·4	7·0	6·7	5·600	2·060	5th	20	0	0	4	1	7	1	1	1	0	12	1	22	3	22	0
September -	6·9	6·5	6·7	6·210	2·020	21st	21	0	1	1	1	11	1	5	5	0	9	3	20	3	15	0
October - -	6·9	6·0	6·5	3·380	·820	9th	21	0	0	0	1	8	0	0	1	0	3	4	31	7	16	0
November -	7·7	6·9	7·3	4·140	1·330	18th	20	0	0	0	0	12	1	5	9	0	1	5	15	8	17	0
December -	6·4	4·9	5·7	1·940	·310	1st	16	0	0	0	1	8	0	0	1	0	14	3	34	2	8	0
Year -	6·7	6·1	6·4	35·750	—	—	192	2	1	11	23	112	3	27	66	4	156	38	225	47	167	0

GLENCARRON.

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

				ins.	ins.																	
January - -	7·8	6·7	7·3	10·090	1·130	17th	23	4	0	0	3	16	0	4	1	18	0	0	1	37	0	1
February - -	7·7	7·2	7·5	8·370	1·200	9th	19	4	0	0	0	15	0	6	3	14	0	0	0	30	0	3
March - -	7·7	6·5	7·1	9·140	1·980	14th	20	3	0	0	4	17	0	3	0	17	0	0	0	41	0	1
April - -	4·1	3·5	3·8	3·540	·780	2nd	18	0	0	0	6	10	0	3	2	23	0	0	0	31	0	1
May - -	7·7	7·8	7·8	3·950	·770	11th	20	0	0	1	1	18	0	11	4	19	0	1	0	26	0	1
June - -	6·1	6·6	6·4	2·240	·360	28th	19	0	0	1	5	15	0	15	7	17	0	0	0	20	0	1
July - -	8·2	8·5	8·4	5·770	·690	16th	20	0	0	1	0	20	0	9	8	16	0	0	0	26	0	3
August - -	8·2	8·3	8·3	5·480	1·580	21st	27	0	0	0	1	20	0	7	2	15	0	1	0	36	0	1
September -	8·2	7·3	7·8	15·370	3·590	12th	24	1	0	0	1	18	0	5	1	11	0	1	1	39	0	2
October - -	8·5	8·0	8·3	14·850	3·380	24th	27	1	0	0	1	22	0	11	1	7	0	0	1	40	0	2
November -	7·5	8·3	7·9	15·380	3·940	28th	21	3	0	0	1	20	0	6	2	29	0	0	0	19	0	4
December -	8·9	8·5	8·7	15·750	1·300	8th	29	0	0	0	0	23	1	4	0	6	0	2	0	49	0	1
Year -	7·6	7·3	7·5	109·930	—	—	267	16	0	3	23	214	1	84	31	192	0	5	3	394	0	21

ABERDEEN.

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

				ins.	ins.																	
January - -	7·0	7·0	7·0	2·815	·360	4th	23	14	1	0	0	8	3	3	1	7	2	11	8	12	14	4
February - -	7·1	6·6	6·9	2·425	·970	26th	18	8	0	0	0	8	4	2	1	4	4	12	14	6	8	5
March - -	4·5	4·5	4·5	0·670	·225	1st	10	2	1	0	6	2	4	3	1	1	4	8	13	14	11	7
April - -	5·1	5·3	5·2	0·770	·170	18th	14	0	1	0	6	7	0	8	5	1	4	12	9	3	5	13
May - -	6·9	7·3	7·1	1·300	·225	11th	15	0	1	0	2	14	0	3	3	5	12	19	5	0	11	4
June - -	6·8	7·3	7·1	3·675	1·760	22nd	15	0	1	2	1	11	0	5	4	4	5	16	3	2	7	14
July - -	7·8	7·5	7·7	3·075	·600	11th	18	0	0	2	0	11	0	6	3	4	9	8	6	7	13	6
August - -	6·2	6·2	6·2	2·530	·840	15th	20	0	0	2	0	5	0	2	3	1	6	12	8	6	13	11
September -	6·0	5·5	5·8	3·310	·910	21st	21	1	2	0	0	3	0	2	0	0	0	8	16	10	10	14
October - -	5·6	4·8	5·2	2·450	·515	13th	22	2	0	0	0	2	0	1	0	2	1	12	18	14	5	9
November -	6·8	6·6	6·7	3·985	1·400	16th	22	9	1	0	0	7	2	7	2	0	2	5	10	11	19	4
December -	6·7	4·5	5·6	2·025	·525	24th	21	2	0	0	0	4	2	0	0	1	3	19	19	8	4	8
Year -	6·4	6·1	6·3	29·030	—	—	219	38	9	6	15	82	15	42	23	30	52	142	129	93	120	99

FORT AUGUSTUS

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

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·913	35·8	36·7	36·3	31·0	41·5	2·1	6th	51·3	31st	1·5	1·8	1·7	·183	·184	·184	87	85	86
February -	·430	36·9	38·9	37·9	32·5	43·8	15·8	26th	53·2	18th	1·3	1·5	1·4	·194	·208	·201	89	89	89
March -	29·882	41·2	42·0	41·6	35·2	49·9	23·1	18th	63·5	24th	1·6	2·1	1·9	·225	·223	·224	88	84	86
April -	30·084	46·5	46·9	46·7	38·3	56·5	27·9	12th	72·7	23rd	2·5	2·6	2·6	·259	·261	·260	82	82	82
May -	29·947	51·5	52·1	51·8	45·4	61·1	30·4	2nd	75·7	6th	3·1	3·2	3·2	·303	·307	·305	79	78	79
June -	·897	57·8	56·9	57·4	49·6	66·4	42·6	5th	79·0	18th	4·1	3·3	3·7	·362	·368	·365	76	80	78
July -	·763	57·5	57·3	57·4	51·3	65·6	44·0	27th	81·0	8th	3·0	3·3	3·2	·386	·374	·380	81	79	80
August -	·809	59·1	58·2	58·7	52·7	67·2	36·6	6th	80·5	15th	3·4	3·1	3·3	·398	·393	·396	79	81	80
September	·630	51·5	50·4	51·0	46·1	58·9	33·7	23rd	71·0	4th	2·6	2·0	2·3	·315	·315	·315	82	87	85
October -	·598	46·1	46·0	46·1	41·1	53·1	30·0	30th	60·3	21st	1·6	1·7	1·7	·275	·272	·274	89	88	89
November	·905	38·3	38·2	38·3	33·5	43·5	23·0	14th	54·5	29th	1·7	1·3	1·5	·198	·204	·201	86	89	88
December	29·577	41·1	41·6	41·4	36·5	46·5	20·3	1st	62·2	16th	2·0	1·8	1·9	·216	·226	·221	84	86	85
Year -	29·786	46·9	47·1	47·0	41·1	54·5	—	—	—	—	2·4	2·3	2·4	·276	·278	·277	83·5	84·0	83·8

BRAEMAR

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	28·756	32·7	33·9	33·3	28·0	37·8	−4·0	6th	47·2	24th	1·2	1·3	1·3	·168	·176	·172	86·2	87·1	86·7
February -	·320	32·4	34·2	33·3	29·4	38·7	9·0	13th	47·7	18th	0·9	1·3	1·1	·169	·173	·171	89·4	86·3	87·9
March -	·737	38·2	38·6	38·4	30·8	48·0	17·3	19th	61·0	25th	2·4	2·4	2·4	·187	·190	·189	80·2	80·2	80·2
April -	·960	44·6	43·0	43·8	34·0	54·7	23·0	9th	71·0	24th	3·3	2·7	3·0	·230	·256	·243	76·6	80·4	78·5
May -	·826	50·7	48·4	49·6	41·5	58·4	27·8	2nd	68·2	14th	3·9	2·6	3·3	·279	·280	·280	75·3	82·0	78·7
June -	·781	58·5	54·4	56·5	45·4	64·1	35·4	1st	82·5	18th	5·5	2·8	4·2	·342	·352	·347	70·0	82·4	76·2
July -	·657	55·9	53·8	54·9	48·0	62·7	42·2	1st	74·0	7th	3·6	2·8	3·2	·349	·343	·346	77·9	82·0	80·0
August -	·721	58·1	55·5	56·8	49·2	64·0	31·0	28th	76·0	14th	4·3	2·6	3·5	·367	·375	·371	75·2	84·2	79·7
September	·519	49·1	47·4	48·3	41·7	55·7	28·8	11th	72·2	4th	3·0	2·2	2·6	·284	·282	·283	80·0	84·6	82·3
October -	·480	44·3	43·5	43·9	38·1	50·3	29·0	31st	59·9	15th	2·2	2·2	2·2	·249	·240	·245	83·9	83·3	83·6
November	·749	34·8	35·2	35·0	30·3	40·5	18·7	27th	54·2	29th	1·3	1·3	1·3	·178	·183	·181	86·0	86·7	86·4
December	28·473	37·6	38·6	38·1	33·7	42·6	20·0	1st	50·2	16th	1·5	1·7	1·6	·199	·203	·201	86·0	85·3	85·7
Year -	28·665	44·7	43·9	44·3	37·5	51·5	—	—	—	—	2·8	2·2	2·5	·250	·254	·252	80·6	83·7	82·2

FORT WILLIAM

Long. 5° 6′ W. Lat. 56° 48′ N. Height above Mean Sea Level, 31 feet. Gravity Correction, + ·032 in.

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·946	37·1	37·8	37·5	33·5	42·4	14·3	6th	51·8	23rd	1·6	1·9	1·8	·190	·191	·191	86	84	85
February -	·454	38·7	39·4	39·1	35·1	44·0	25·6	13th	54·0	19th	1·8	1·9	1·9	·200	·205	·203	86	85	86
March -	29·926	42·6	43·4	43·0	37·8	49·2	26·3	19th	58·6	26th	2·5	2·5	2·5	·221	·228	·225	82	80	81
April -	30·108	47·3	47·9	47·6	41·1	56·6	32·2	12th	70·0	22nd	2·7	2·9	2·8	·263	·264	·264	81	80	81
May -	29·973	52·8	52·9	52·9	47·2	60·1	35·6	2nd	69·0	5th	3·2	3·4	3·3	·316	·313	·315	79	78	79
June -	·928	58·4	57·3	57·9	50·9	65·1	43·8	2nd	74·1	14th	4·2	3·6	3·9	·367	·366	·367	75	78	77
July -	·797	58·9	57·9	58·4	53·0	65·5	43·6	27th	78·3	8th	3·8	3·7	3·8	·384	·374	·379	77	77	77
August -	·857	58·9	58·7	58·8	53·4	65·5	40·4	6th	81·7	9th	3·0	2·8	2·9	·406	·409	·408	81	82	82
September	·673	51·7	51·3	51·5	46·9	58·1	33·0	23rd	67·9	2nd	2·5	2·5	2·5	·319	·315	·317	83	83	83
October -	·652	47·4	47·3	47·4	43·1	52·2	32·9	31st	58·0	15, 21	1·9	2·1	2·0	·282	·276	·279	87	85	86
November	·961	38·8	39·1	39·0	34·5	44·1	26·8	14th	53·4	28th	2·1	1·9	2·0	·196	·202	·199	84	85	85
December	29·637	42·4	42·6	42·5	38·3	46·1	23·2	1st	53·0	16th	1·9	2·1	2·0	·231	·229	·230	86	85	86
Year -	29·826	47·9	48·0	48·0	42·9	54·1	—	—	—	—	2·6	2·6	2·6	·281	·281	·281	82·3	81·8	82·1

FORT AUGUSTUS.

Heights above Ground :—Barometer, 5 feet. Thermometers, 4 feet. Rain-gauge, 1 foot 6 inches.

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January - -	8·1	7·3	7·7	3·240	·610	24th	25	3	0	0	1	15	1	12	2	0	3	9	20	3	2	11
February - -	7·9	6·8	7·4	5·530	1·300	9th	23	5	0	0	2	12	2	7	1	1	1	17	14	1	4	10
March - -	7·1	5·7	6·4	2·230	·510	14th	19	2	0	0	5	11	2	8	2	0	0	24	12	4	2	10
April - -	5·2	6·2	5·7	1·610	·630	6th	15	0	0	1	6	11	0	22	4	0	0	13	12	2	0	7
May - -	8·3	7·3	7·8	1·230	·370	21st	12	0	0	1	1	15	1	20	5	2	2	14	6	3	0	10
June - -	7·1	6·7	6·9	1·260	·440	27th	13	0	0	1	5	13	0	18	10	2	2	11	7	0	0	10
July - -	8·2	7·5	7·9	3·080	·730	11th	22	0	0	2	0	15	0	24	2	1	1	17	6	1	0	10
August - -	7·6	6·9	7·3	3·290	1·000	21st	23	0	0	0	1	13	1	14	2	2	0	15	13	1	0	15
September - -	7·8	7·0	7·4	5·050	·940	12th	20	0	0	0	1	7	1	8	2	0	0	19	21	1	1	8
October - -	8·0	7·6	7·8	7·540	2·320	24th	26	0	0	0	1	16	2	4	0	1	0	16	27	2	2	10
November - -	8·7	7·7	8·2	4·370	·790	29th	23	3	0	0	0	14	3	14	5	2	0	10	10	4	1	14
December - -	8·2	8·0	8·1	8·890	1·270	6th	26	0	0	0	0	18	5	1	2	0	0	25	26	2	0	6
Year -	7·7	7·1	7·4	47·320	—	—	247	13	0	5	23	160	18	152	37	11	9	190	174	24	12	121

BRAEMAR.

Heights above Ground :—Barometer, 3 feet. Thermometers, 4 feet 3 inches. Rain-gauge, 9 inches.

				ins.	ins.																	
January - -	7·7	7·6	7·7	1·980	·190	21st	23	11	0	0	0	16	1	3	18	0	2	0	29	2	8	0
February - -	7·7	7·4	7·6	3·370	·550	14th	19	6	0	0	0	10	1	1	13	0	1	0	35	2	4	0
March - -	5·7	5·2	5·5	0·570	·160	9th	9	4	0	0	3	4	1	2	9	0	2	1	42	4	2	0
April - -	5·4	5·2	5·3	1·260	·400	15th	10	3	1	2	8	6	0	3	13	6	1	10	19	2	6	0
May - -	6·4	6·4	6·4	1·070	·210	12th	12	0	1	2	1	5	0	2	12	6	5	13	17	4	3	0
June - -	4·5	5·6	5·1	2·730	·900	22nd	11	0	0	1	6	3	0	3	11	7	2	9	19	3	6	0
July - -	7·5	7·7	7·6	3·160	·720	18th	23	0	0	2	0	9	0	3	9	7	6	4	19	3	11	0
August - -	7·2	6·9	7·1	2·990	·520	21st	24	0	0	2	0	5	1	0	6	5	2	3	31	8	7	0
September -	7·3	6·1	6·7	3·460	1·260	21st	22	4	1	0	1	7	1	2	4	1	0	3	37	1	12	0
October - -	7·4	6·8	7·1	2·990	1·260	8th	18	2	0	0	0	5	1	0	1	0	0	3	47	4	7	0
November -	7·4	7·1	7·3	3·050	·510	5th	21	8	1	0	0	11	4	11	11	1	1	1	26	2	7	0
December -	6·9	6·2	6·6	3·820	·730	10th	25	6	0	1	0	7	3	0	0	0	2	6	46	4	4	0
Year -	6·8	6·5	6·7	30·450	—	—	217	44	4	10	19	88	13	30	107	33	24	53	367	39	77	0

FORT WILLIAM.

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

				ins.	ins.																	
January - -	8·3	6·9	7·6	5·258	1·033	23rd	24	8	2	0	1	18	—	—	—	—	—	—	—	—	—	—
February - -	8·4	8·4	8·4	8·381	1·717	9th	18	5	0	1	0	19	—	—	—	—	—	—	—	—	—	—
March - -	8·2	6·6	7·4	4·440	·600	11th	20	3	1	0	3	18	—	—	—	—	—	—	—	—	—	—
April - -	5·4	5·4	5·4	3·108	·733	15th	15	1	1	1	8	9	—	—	—	—	—	—	—	—	—	—
May -	8·7	7·5	8·1	2·491	·627	21st	14	0	1	2	0	18	—	—	—	—	—	—	—	—	—	—
June - -	6·4	6·2	6·3	1·798	·462	22nd	12	0	0	2	3	11	—	—	—	—	—	—	—	—	—	—
July - -	7·9	8·4	8·2	4·569	·912	18th	19	0	0	5	0	17	—	—	—	—	—	—	—	—	—	—
August - -	8·2	7·5	7·9	6·415	1·172	21st	22	0	0	2	1	16	—	—	—	—	—	—	—	—	—	—
September -	7·7	6·7	7·2	9·239	2·785	12th	20	0	0	0	1	14	—	—	—	—	—	—	—	—	—	—
October - -	8·5	8·2	8·4	12·802	3·260	24th	28	0	0	1	1	21	—	—	—	—	—	—	—	—	—	—
November -	8·1	7·8	8·0	7·965	2·144	29th	16	3	0	0	0	18	—	—	—	—	—	—	—	—	—	—
December -	9·2	8·0	8·6	16·135	1·900	15th	29	3	0	1	0	20	—	—	—	—	—	—	—	—	—	—
Year -	7·9	7·3	7·6	82·601	—	—	237	23	5	15	18	199	—	—	—	—	—	—	—	—	—	—

LEDNATHIE

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

1893.	Mean Pressure at 32° Fahr.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·171	34·5	34·5	34·5	29·1	38·9	6·0	5th	49·0	22nd	1·7	2·0	1·9	·166	·161	·164	83	80	82
February -	28·732	34·3	34·7	34·5	29·9	40·4	11·0	13th	48·3	18th	1·5	1·5	1·5	·168	·172	·170	85	85	85
March -	29·166	40·8	38·3	39·6	31·4	50·8	18·8	19th	63·8	26th	3·4	2·5	3·0	·189	·184	·187	74	79	77
April -	·377	46·5	41·3	43·9	33·3	56·8	23·5	12th	70·2	24th	3·8	2·2	3·0	·232	·215	·224	74	83	79
May -	·259	51·4	48·1	49·8	41·7	59·1	28·0	2nd	70·0	14th	3·9	2·6	3·3	·284	·273	·279	75	82	79
June -	·199	57·6	53·2	55·4	45·1	65·3	36·4	11th	83·2	18th	4·7	2·5	3·6	·344	·338	·341	73	83	78
July -	·068	57·0	53·9	55·5	47·3	64·1	40·0	28th	74·2	2nd	3·8	2·7	3·3	·356	·340	·348	76	82	79
August -	29·135	58·8	55·0	56·9	48·0	67·0	32·6	28th	79·2	15th	3·5	2·3	2·9	·391	·367	·379	79	85	82
September	28·898	51·2	47·0	49·1	40·7	58·7	30·0	21st	73·0	4th	3·5	2·2	2·9	·290	·271	·281	77	85	81
October -	28·894	46·4	43·2	44·8	36·8	53·2	27·0	31st	61·0	14th	2·5	1·8	2·2	·259	·240	·250	83	86	85
November	29·157	37·3	37·0	37·2	31·5	42·8	21·0	21st	55·0	28th	1·9	1·9	1·9	·186	·184	·185	84	84	84
December	28·897	38·2	38·9	38·6	32·5	43·3	19·0	13th	52·5	16th	1·7	1·9	1·8	·197	·200	·199	86	85	86
Year -	29·079	46·2	43·8	45·0	37·3	53·4	—	—	—	—	3·0	2·2	2·6	·255	·245	·250	79·1	83·3	81·2

LAUDALE

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·970	38·9	39·8	39·4	32·9	43·7	20·0	2nd	52·0	23rd	1·7	2·0	1·9	·207	·208	·208	83·7	82·5	83·1
February -	·467	40·8	39·8	40·3	34·5	45·5	25·0	27th	54·8	20th	2·1	2·0	2·1	·216	·208	·212	82·8	83·1	83·0
March -	29·948	45·2	45·1	45·2	38·4	51·5	27·1	18th	60·3	24, 26	3·1	2·9	3·0	·240	·242	·241	78·2	79·5	78·9
April -	30·128	50·1	48·0	49·1	41·2	57·8	32·0	12th	71·6	22nd	3·4	2·8	3·1	·283	·273	·278	78·1	81·4	79·8
May -	29·986	55·0	53·0	54·0	47·3	60·7	37·0	1st	69·6	6th	3·6	2·7	3·2	·338	·335	·337	77·8	83·0	80·4
June -	·953	59·5	56·8	58·2	49·2	65·1	41·1	22nd	73·8	15th	3·6	3·0	3·3	·405	·381	·393	79·0	82·0	80·5
July -	·812	60·1	57·9	59·0	52·1	65·4	43·0	27th	76·9	1st	4·4	3·3	3·9	·391	·387	·389	75·7	80·4	78·1
August -	·868	60·1	58·7	59·4	53·1	65·5	40·9	6th	79·8	9th	3·1	2·5	2·8	·427	·417	·422	81·5	84·7	83·1
September	·690	53·8	52·3	53·1	46·8	59·2	34·9	10th	68·3	4th	2·9	2·7	2·8	·346	·327	·337	81·6	82·2	81·9
October	·673	48·3	47·8	48·1	42·8	54·9	31·7	5, 31	61·4	21st	2·1	2·2	2·2	·296	·287	·292	85·5	84·9	85·2
November	·979	39·5	39·8	39·7	34·1	45·5	25·9	6th	56·8	29th	1·7	1·6	1·7	·214	·218	·216	85·7	86·6	86·2
December	29·646	44·0	44·1	44·1	38·5	48·2	21·7	1st	58·8	29th	1·8	2·2	2·0	·255	·245	·250	86·2	83·5	84·9
Year -	29·843	49·6	48·6	49·1	42·6	55·3	—	—	—	—	2·8	2·5	2·7	·302	·294	·298	81·3	82·8	82·1

DUNDEE

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·803	35·8	36·5	36·2	32·3	40·2	19·9	6th	51·0	23rd	1·0	0·9	1·0	·193	·201	·197	89·0	91·2	90·1
February -	·355	37·2	37·2	37·2	33·7	41·9	23·8	13th	49·2	18th	0·9	0·9	0·9	·206	·206	·206	91·8	91·6	91·7
March -	·793	41·8	41·1	41·5	34·8	50·3	26·4	18th	64·9	25th	1·7	1·4	1·6	·232	·232	·232	86·9	89·2	88·1
April -	·995	46·7	43·4	45·1	37·6	53·9	28·3	9th	63·9	20th	2·1	1·4	1·8	·274	·254	·264	85·5	90·1	87·8
May -	·872	53·4	49·3	51·4	45·4	60·4	35·0	1st	71·1	14th	2·9	1·6	2·3	·337	·313	·325	82·1	89·3	85·7
June -	·804	59·8	53·9	56·9	49·6	66·6	42·5	2nd	84·7	18th	3·5	1·4	2·5	·414	·380	·397	79·9	91·0	86·5
July -	·671	58·8	54·9	56·9	50·9	65·7	44·8	23rd	71·9	8th	3·1	1·4	2·3	·407	·392	·400	81·9	90·6	86·3
August -	·738	61·2	57·7	59·5	51·7	69·1	40·9	28th	82·9	15th	2·7	1·8	2·3	·458	·427	·443	84·2	88·6	86·4
September	·531	52·3	50·0	51·2	45·5	60·0	32·5	23rd	74·5	4th	2·4	1·5	2·0	·337	·329	·333	84·2	89·6	86·9
October -	·518	47·0	45·7	46·4	40·7	54·1	28·2	31st	61·2	15th	1·7	1·4	1·6	·290	·281	·286	87·9	89·6	88·8
November	·782	39·3	38·9	39·1	34·2	44·4	27·0	23rd	53·9	28th	1·4	1·4	1·4	·215	·214	·215	87·7	88·0	87·9
December	29·534	40·0	40·2	40·1	35·7	44·9	24·4	1st	51·8	16th	0·9	0·9	0·9	·232	·234	·233	92·0	92·4	92·2
Year -	29·700	47·8	45·7	46·8	41·0	54·3	—	—	—	—	2·0	1·3	1·7	·300	·289	·295	86·1	90·1	88·1

LEDNATHIE.

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

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January - -	8·3	5·7	7·0	2·970	1·070	28th	18	12	0	0	1	12	8	2	5	5	6	1	4	16	18	5
February - -	6·8	6·8	6·8	4·800	·940	14th	19	8	0	0	1	14	8	2	10	1	1	2	11	9	14	6
March - -	4·3	4·8	4·6	0·970	·320	1st	11	4	0	0	3	8	5	2	4	0	4	0	7	30	11	4
April - -	4·4	5·0	4·7	1·330	·470	20th	12	2	1	1	6	7	2	2	6	2	26	0	3	6	12	3
May - -	4·4	4·7	4·6	1·290	·300	18th	16	0	0	1	2	13	1	4	5	8	18	6	6	3	12	0
June - -	6·1	5·4	5·8	2·220	·550	28th	10	0	0	3	4	12	2	4	5	10	11	5	5	9	8	3
July - -	6·0	5·6	5·8	3·260	·620	18th	20	0	1	6	0	17	5	5	4	5	16	7	6	10	7	2
August - -	6·2	5·8	6·0	3·810	1·470	20th	17	0	1	2	2	9	2	1	0	4	12	3	11	15	11	5
September -	6·9	4·1	5·5	2·320	·610	21st	20	1	0	1	2	5	10	1	0	0	5	3	8	14	24	5
October - -	5·1	4·4	4·8	2·380	·610	8th	17	2	1	1	3	4	6	3	1	1	2	1	9	27	14	4
November -	6·3	6·0	6·2	3·800	1·830	16th	15	9	0	0	1	6	6	17	2	1	4	2	4	9	20	1
December -	7·1	4·9	6·0	3·610	·830	8th	22	8	0	0	3	8	2	2	0	1	5	6	8	21	15	4
Year -	6·0	5·3	5·7	32·760	—	—	197	46	4	15	28	115	57	45	42	38	110	36	82	169	166	42

LAUDALE.

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

				ins.	ins.																	
January - -	7·3	6·6	7·0	4·920	·820	25th	24	10	1	0	1	13	7	7	3	5	2	5	1	10	14	15
February - -	7·4	7·8	7·6	8·720	1·700	9th	25	10	6	2	1	12	9	2	1	7	6	10	2	6	8	14
March - -	7·3	5·9	6·6	3·470	·490	31st	21	6	2	0	6	14	5	5	0	8	6	5	1	14	5	18
April - -	5·3	5·1	5·2	1·850	·630	15th	13	0	3	2	10	9	1	4	2	9	4	3	0	4	5	29
May - -	8·1	6·7	7·4	2·810	·670	11th	20	1	0	1	1	17	1	5	2	4	8	11	1	4	7	20
June - -	6·9	6·7	6·8	0·600	·180	6th	9	0	0	2	4	14	1	10	2	5	2	7	3	1	1	29
July - -	7·7	7·8	7·8	5·260	·740	20th	20	0	1	4	1	15	4	6	1	6	7	5	4	4	13	16
August - -	8·5	7·3	7·9	4·970	·740	23rd	25	0	0	3	0	15	2	5	0	0	4	10	5	16	6	16
September -	6·8	6·6	6·7	6·360	·810	22nd	23	1	1	0	3	10	4	11	0	1	3	3	6	18	7	11
October - -	8·2	7·0	7·6	11·150	1·560	24th	29	3	3	0	1	19	4	4	0	0	1	8	1	16	10	22
November -	6·8	6·2	6·5	5·120	1·200	24th	17	6	2	0	4	14	9	8	8	3	1	2	0	9	8	21
December -	8·5	7·3	7·9	11·900	1·260	2nd	31	15	8	4	0	17	8	9	1	1	1	7	4	17	10	12
Year -	7·4	6·8	7·1	67·130	—	—	257	52	27	18	32	169	55	76	20	49	45	76	28	119	94	223

DUNDEE.

Heights above Ground:—Barometer, 4 feet. Thermometers, 3 feet 9 inches. Rain-gauge, 1 foot.

				ins.	ins.																	
January - -	8·5	8·0	8·3	1·260	·220	8th	20	12	3	0	1	20	5	1	10	1	12	0	7	22	9	0
February - -	8·6	7·3	8·0	2·970	·730	26th	21	6	1	0	1	17	8	3	5	3	10	0	11	10	14	0
March - -	6·0	6·1	6·1	1·050	·490	15th	9	2	0	0	3	9	6	1	1	2	9	0	12	31	6	0
April - -	7·0	6·9	7·0	1·500	·500	20th	9	1	1	2	1	13	2	0	3	13	22	1	7	10	4	0
May - -	7·7	9·2	8·5	1·390	·430	28th	14	0	0	2	0	18	0	0	5	11	24	1	9	5	7	0
June - -	7·8	6·7	7·3	2·090	·860	22nd	11	0	0	1	0	14	2	1	7	2	28	2	7	4	9	0
July - -	8·2	8·7	8·5	3·420	·880	8th	18	0	0	4	0	16	1	2	8	6	18	1	8	7	12	0
August - -	7·0	7·5	7·3	3·040	·870	20th	20	0	0	2	0	10	2	3	5	5	9	2	14	12	12	0
September -	6·3	7·7	7·0	1·680	·500	21st	15	1	0	2	2	11	4	3	1	0	6	0	15	23	12	0
October - -	6·7	7·2	7·0	2·640	·650	13th	12	0	0	0	1	12	4	0	0	2	6	1	13	25	15	0
November -	7·4	8·7	8·1	1·250	·480	3rd	10	4	0	0	1	17	6	4	15	1	4	1	4	16	15	0
December -	8·2	8·6	8·4	2·080	·710	24th	19	4	0	0	0	20	4	1	1	1	3	3	23	26	4	0
Year -	7·5	7·7	7·6	24·370	—	—	178	30	5	13	10	177	44	19	61	47	151	12	130	191	119	0

OCHTERTYRE

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

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·618	36·0	36·7	36·4	30·4	41·2	16·0	6th	52·0	23rd	1·9	2·6	2·3	·177	·170	·174	83	78	81
February -	·161	36·4	37·7	37·1	32·5	43·5	22·0	25th	51·0	10th	1·6	2·3	2·0	·185	·183	·184	86	80	83
March -	·615	42·8	41·9	42·4	33·9	52·9	22·0	19th	65·0	24th	2·9	3·3	3·1	·215	·202	·209	78	76	77
April -	·816	47·4	45·5	46·5	36·4	59·7	27·0	9th	74·0	24th	3·3	2·9	3·1	·251	·241	·246	78	79	79
May -	·662	54·1	51·1	52·6	44·6	62·9	32·0	1st	76·0	14th	4·0	3·2	3·6	·311	·296	·304	75	78	77
June -	·620	60·2	55·3	57·8	48·1	70·0	42·0	12th	90·0	18th	5·7	3·5	4·6	·355	·342	·349	68	78	73
July -	·494	58·7	55·1	56·9	49·7	67·6	39·0	23rd	79·0	2nd	4·5	3·1	3·8	·363	·348	·356	73	80	77
August -	·555	60·3	57·4	58·9	51·1	69·6	38·0	28th	82·2	15th	4·0	2·9	3·5	·399	·387	·393	77	82	80
September	·355	52·3	50·1	51·2	44·1	62·5	32·0	23rd	76·0	2nd	3·3	3·0	3·2	·307	·287	·297	78	80	79
October -	·336	47·6	46·1	46·9	39·5	56·5	25·0	31st	62·0	15th	2·8	2·6	2·7	·265	·254	·260	81	82	82
November	·607	39·1	39·4	39·3	31·9	45·8	25·0	21st	57·0	29th	2·8	2·9	2·9	·185	·186	·186	78	78	78
December	29·342	40·7	41·0	40·9	34·9	45·1	20·0	2nd	54·0	15th	2·3	2·5	2·4	·208	·206	·207	82	81	82
Year -	29·515	48·0	46·4	47·2	39·8	56·4	—	—	—	—	3·3	2·9	3·1	·268	·259	·264	78·1	79·3	78·7

POLTALLOCH

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·867	37·3	38·6	38·0	32·0	42·6	17·4	3rd	50·3	24th	1·4	1·7	1·6	·195	·201	·198	88	86	87
February -	·384	39·6	38·8	39·2	34·4	45·1	21·4	25th	52·3	19th	1·5	1·3	1·4	·213	·211	·212	88	90	89
March -	29·860	43·8	43·3	43·6	37·2	50·5	24·4	19th	62·3	27th	2·7	2·3	2·5	·228	·231	·230	81	82	82
April -	30·025	50·5	46·9	48·7	40·3	58·4	29·6	12th	70·4	23rd	4·1	2·2	3·2	·268	·269	·269	73	85	79
May -	29·874	53·9	52·5	53·2	47·1	61·2	35·4	1st	72·3	15th	3·5	3·1	3·3	·321	·314	·318	77	79	78
June -	·854	59·7	56·4	58·1	49·6	67·2	38·4	2nd	76·3	13th	4·5	3·0	3·8	·377	·369	·373	73	81	77
July -	·710	60·7	56·2	58·5	51·9	67·5	41·4	23rd	77·3	2nd	4·4	2·7	3·6	·395	·378	·387	75	84	80
August -	·774	59·7	57·2	58·5	52·9	66·9	41·4	28th	81·3	10th	2·7	1·8	2·3	·427	·415	·421	84	88	86
September	·605	53·6	50·3	52·0	47·4	59·6	31·4	10th	68·3	5th	2·7	1·7	2·2	·338	·321	·330	81	88	85
October -	·578	48·5	47·8	48·2	43·8	54·4	30·4	31st	59·3	8th	1·8	1·9	1·9	·297	·286	·292	87	86	87
November	·874	39·0	39·8	39·4	32·8	46·4	23·4	21st	54·3	12th	2·3	1·9	2·1	·194	·208	·201	82	85	84
December	29·563	41·5	42·0	41·8	37·1	46·5	22·4	2nd	53·3	6th	1·7	1·6	1·7	·227	·233	·230	87	88	88
Year -	29·747	49·0	47·5	48·3	42·2	55·5	—	—	—	—	2·8	2·1	2·5	·290	·286	·288	81·3	85·2	83·3

EDINBURGH

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·700	37·7	37·3	37·5	33·6	41·5	15·0	6th	52·4	30th	1·8	2·0	1·9	·193	·187	·190	83·2	81·2	82·2
February -	·244	39·6	39·0	39·3	34·9	44·8	25·1	26th	54·9	18th	2·1	2·2	2·2	·204	·196	·200	82·1	81·4	81·8
March -	·701	44·3	42·3	43·3	36·5	51·3	24·9	19th	67·0	25th	3·2	2·4	2·8	·227	·222	·225	77·6	81·7	79·7
April -	·884	47·7	44·7	46·2	39·8	56·1	34·0	17th	69·5	19th	3·5	2·2	2·9	·255	·250	·253	76·9	84·5	80·7
May -	·757	54·7	50·2	52·5	46·5	61·4	36·9	1st	70·5	14th	4·0	2·5	3·3	·324	·303	·314	75·5	83·5	79·5
June -	·691	59·8	55·8	57·8	50·5	66·8	43·6	2nd	85·9	18th	5·4	3·2	4·3	·361	·358	·360	70·6	80·1	75·4
July -	·562	57·9	55·5	56·7	51·1	64·4	44·2	23rd	72·5	7th	3·7	2·5	3·1	·375	·371	·373	78·2	83·8	81·0
August -	·633	61·5	58·7	60·1	53·7	69·6	42·6	28th	84·0	15th	4·0	3·0	3·5	·425	·409	·417	77·4	82·0	79·7
September	·442	53·4	51·3	52·4	46·7	60·6	34·9	23rd	72·7	4th	3·4	2·8	3·1	·326	·312	·319	77·8	81·1	79·5
October -	·433	47·8	46·9	47·4	42·5	55·4	29·0	31st	65·2	15th	2·6	2·4	2·5	·278	·272	·275	81·0	82·9	82·0
November	·675	40·3	40·3	40·3	36·0	45·3	28·4	19th	55·1	28th	2·4	2·1	2·3	·206	·213	·210	80·5	82·4	81·5
December	29·433	41·9	41·9	41·9	37·5	46·3	25·0	1st, 2nd	53·9	15th	2·1	2·2	2·2	·225	·223	·224	83·0	82·5	82·8
Year	29·596	48·9	47·0	48·0	42·4	55·3	—	—	—	—	3·2	2·5	2·9	·283	·276	·280	78·7	82·3	80·5

OCHTERTYRE.

Heights above Ground:—Barometer, 4 feet. Thermometers, 4 feet. Rain-gauge, 9 inches.

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January - -	7·3	6·9	7·1	2·230	·750	29th	19	0	0	0	2	14	0	2	10	14	0	1	7	18	4	6
February - -	7·7	8·0	7·9	4·730	·730	15th	24	1	0	0	1	16	1	0	2	16	0	0	10	17	6	5
March - -	6·0	4·2	5·1	0·950	·300	16th	11	0	0	0	5	8	5	4	2	8	0	2	4	33	1	8
April - -	6·0	4·8	5·4	0·960	·540	16th	6	0	0	1	5	9	0	1	1	28	0	0	2	16	4	8
May - -	7·5	6·0	6·8	1·230	·250	19th	11	0	0	3	4	12	0	1	1	30	3	0	5	16	5	1
June - -	7·0	6·5	6·8	3·150	·880	29th	7	0	0	1	4	10	0	1	4	26	2	2	6	12	4	3
July - -	7·9	6·8	7·4	2·900	·850	19th	13	0	0	5	0	10	1	7	3	19	2	1	3	14	10	3
August - -	7·5	5·7	6·6	4·170	1·210	21st	18	0	0	5	0	10	1	2	2	9	1	0	16	22	8	2
September -	7·2	5·8	6·5	1·150	·250	30th	11	1	0	0	3	11	2	5	1	3	1	0	7	28	7	8
October - -	6·4	5·0	5·7	2·520	·530	25th	14	0	0	1	5	8	1	0	2	1	1	0	13	33	5	7
November -	5·6	6·0	5·8	2·880	1·710	17th	11	0	0	0	3	8	4	8	8	12	1	1	3	12	10	5
December -	6·9	6·5	6·7	4·060	·800	25th	23	2	0	0	4	11	2	0	0	4	1	2	19	30	5	1
Year -	6·9	6·0	6·5	30·930	—	—	168	4	0	16	36	127	17	31	36	170	12	9	95	251	69	57

POLTALLOCH.

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

				ins.	ins.																	
January -	5·5	6·0	5·8	3·890	·650	29th	17	3	1	0	1	4	10	8	8	4	8	2	7	8	16	1
February -	5·9	6·6	6·3	5·360	·880	10th	19	9	6	1	2	7	10	7	2	2	8	10	6	6	15	0
March - -	5·6	4·7	5·2	3·060	·600	17th	18	3	3	0	4	7	11	2	5	4	15	1	10	16	9	0
April - -	3·2	3·3	3·3	2·630	·680	18th	8	0	1	2	11	3	2	5	11	4	16	4	2	13	5	0
May - -	6·5	5·3	5·9	3·300	·540	18th	18	0	0	1	1	6	1	2	6	7	16	2	12	3	13	1
June - -	5·1	5·4	5·3	0·940	·400	7th	9	0	0	3	4	5	0	5	14	1	11	5	7	4	13	0
July - -	5·2	5·6	5·4	9·460	1·860	9th	17	0	1	5	1	2	7	8	7	6	5	5	9	10	12	0
August - -	5·7	5·0	5·4	5·000	·820	1st	19	0	0	2	1	2	3	8	2	0	9	5	20	6	12	0
September -	5·1	3·8	4·5	5·950	·640	8th	21	2	1	1	3	2	8	10	1	0	2	2	14	7	23	1
October - -	—	—	—	7·840	1·250	24th	29	3	4	1	—	—	2	4	3	0	2	0	27	6	19	1
November -	—	—	—	4·910	·890	16th	14	2	1	1	—	—	4	1	15	1	6	0	9	4	10	14
December -	—	—	—	6·540	·700	27th	28	0	5	4	—	—	2	0	0	2	7	2	30	8	3	10
Year -	—	—	—	58·880	—	—	217	22	23	21	—	—	60	60	74	31	105	38	153	91	150	28

EDINBURGH.

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

				ins.	ins.																	
January - -	8·6	6·1	7·4	0·710	·110	7, 16	22	9	3	0	1	18	0	2	1	5	3	1	4	16	10	20
February - -	6·7	6·0	6·4	2·630	·680	26th	20	7	2	0	4	11	0	3	0	4	2	2	6	17	5	17
March - -	6·1	3·3	4·7	0·880	·370	1st	8	1	0	0	5	8	0	0	1	1	1	0	10	16	4	29
April -	6·6	5·8	6·2	1·640	·580	15th	9	1	1	0	6	13	0	1	5	10	2	2	1	14	2	23
May - -	8·1	7·8	8·0	1·370	·510	17th	10	0	0	3	0	19	0	0	2	13	2	2	4	13	2	24
June - -	7·0	5·5	6·3	2·480	1·000	22nd	11	0	0	0	7	13	0	2	4	4	1	3	3	13	3	27
July - -	8·6	8·1	8·4	2·530	·470	8th	19	0	0	8	0	20	0	1	4	7	1	1	1	14	3	30
August - -	7·4	5·6	6·5	3·160	·520	4th	17	0	1	2	3	13	1	1	0	2	1	0	6	18	5	29
September -	7·0	3·7	5·4	1·670	·470	28th	17	0	1	0	5	6	0	6	0	1	1	0	14	19	4	15
October - -	5·4	4·0	4·7	2·510	·800	7th	14	0	0	0	10	9	0	1	0	1	1	0	13	30	3	13
November -	6·8	5·8	6·3	1·740	·890	3rd	14	3	0	0	5	13	2	5	6	2	1	1	6	11	6	22
December -	6·3	4·3	5·3	2·500	·480	13th	18	5	1	0	3	7	1	0	1	1	0	1	23	16	1	19
Year -	7·1	5·5	6·3	23·820	—	—	179	26	9	13	49	150	4	22	24	51	16	13	91	197	48	268

GLASGOW

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

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·806	36·9	37·7	37·3	34·0	41·4	16·6	5, 6	49·9	30th	1·5	1·7	1·6	·193	·196	·195	84·4	84·0	84·2
February -	·341	39·1	39·1	39·1	35·9	43·8	26·3	28th	51·7	19th	1·7	1·8	1·8	·207	·205	·206	85·2	84·4	84·8
March -	·808	41·3	42·5	41·9	37·2	49·6	28·0	19th	60·9	24th	2·1	1·9	2·0	·221	·234	·228	83·9	85·3	84·6
April -	·974	47·3	46·4	46·9	40·6	56·5	33·3	4th	70·4	24th	3·4	2·7	3·1	·253	·258	·256	77·5	81·5	79·5
May -	·843	52·8	51·5	52·2	47·0	60·0	36·8	1st	70·2	14th	3·4	2·6	3·0	·314	·316	·315	78·4	82·5	80·5
June -	·782	59·1	56·3	57·7	50·8	67·1	42·9	2nd	79·7	18th	4·8	3·3	4·1	·366	·364	·365	72·5	79·8	76·2
July -	·654	59·0	56·5	57·8	52·1	65·6	44·1	23rd	77·9	7th	4·1	2·7	3·4	·381	·381	·381	76·3	82·9	79·6
August -	·724	60·4	57·7	59·1	53·7	66·5	42·3	28th	80·1	9th	3·7	2·4	3·1	·417	·410	·414	78·6	85·2	81·9
September	·544	52·4	50·9	51·7	46·6	58·2	35·7	23rd	67·9	2nd	2·8	2·2	2·5	·330	·322	·326	81·7	85·2	83·5
October -	·539	47·6	46·2	46·9	42·3	52·4	28·7	31st	59·7	15th	2·0	1·8	1·9	·288	·278	·283	85·3	86·9	86·1
November	·797	39·5	40·3	39·9	35·8	45·2	26·9	21st	54·0	28th	2·3	2·4	2·4	·202	·207	·205	80·9	80·1	80·5
December	29·542	41·6	42·1	41·9	38·4	45·8	24·6	2nd	52·1	16th	1·5	2·0	1·8	·236	·229	·233	87·0	83·9	85·5
Year -	29·696	48·1	47·3	47·7	42·9	54·3	—	—	—	—	2·8	2·3	2·6	·284	·283	·284	81·0	83·5	82·3

ROSEWELL

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·240	36·1	35·0	35·6	29·9	40·2	12·0	5th	50·5	23rd	0·9	1·1	1·0	·196	·182	·189	92	89	91
February -	28·798	37·5	36·5	37·0	30·8	44·0	21·0	25th	54·0	17th	1·2	1·0	1·1	·201	·197	·199	90	92	91
March -	29·244	42·5	39·9	41·2	32·0	51·1	22·0	18th	66·0	24th	2·4	1·6	2·0	·222	·214	·218	82	87	85
April -	·430	47·7	43·3	45·5	34·9	56·2	28·0	9th	71·0	20th	3·1	1·6	2·4	·259	·246	·253	79	88	84
May -	·304	52·7	48·4	50·6	41·4	60·9	28·0	1st	71·0	14th	3·4	1·8	2·6	·310	·295	·303	78	87	83
June -	·251	59·2	53·9	56·6	46·3	66·4	38·0	3rd	84·5	18th	4·5	2·3	3·4	·370	·351	·361	74	85	80
July -	·124	57·4	54·0	55·7	47·5	65·7	41·5	22nd	81·0	7th	2·8	1·6	2·2	·390	·371	·381	83	89	86
August -	29·200	60·5	56·7	58·6	49·3	68·0	39·0	6th	82·0	15th	3·8	1·9	2·9	·409	·403	·406	78	88	83
September	28·996	52·4	48·4	50·4	42·9	58·2	31·0	23rd	72·0	4th	2·8	1·6	2·2	·321	·300	·311	82	89	86
October -	28·981	47·5	44·3	45·9	39·3	53·4	29·5	31st	61·5	15th	2·0	1·4	1·7	·281	·260	·271	86	89	88
November	29·211	38·3	37·8	38·1	31·9	44·0	22·5	19th	53·5	28th	1·5	0·9	1·2	·201	·210	·206	87	93	90
December	28·994	40·0	39·8	39·9	33·3	44·9	21·0	2nd	51·0	15th	1·5	1·9	1·7	·217	·208	·213	88	85	87
Year -	29·148	47·7	44·8	46·3	38·3	54·4	—	—	—	—	2·5	1·6	2·1	·281	·270	·276	83·3	88·4	85·9

ROTHESAY

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·888	37·8	38·1	38·0	34·2	42·8	21·8	2nd	49·5	30th	1·7	1·6	1·7	·194	·198	·196	86	86	86
February -	·422	39·3	38·5	38·9	35·2	44·6	24·0	25th	51·5	18th	1·7	1·5	1·6	·207	·203	·205	87	87	87
March -	29·895	43·5	42·2	42·9	37·3	51·4	27·5	19th	62·5	24th	2·3	1·9	2·1	·233	·229	·231	82	86	84
April -	30·053	49·6	46·9	48·3	39·9	58·8	33·5	10th	71·0	24th	3·7	2·4	3·1	·268	·265	·267	75	84	80
May -	29·922	53·6	51·1	52·4	46·7	61·4	35·0	1st	71·0	14th	3·0	2·3	2·7	·330	·317	·324	80	84	82
June -	·866	59·7	55·6	57·7	49·1	67·7	40·0	2nd	76·0	12th	4·1	2·5	3·3	·388	·372	·380	76	84	80
July -	·736	59·8	56·4	58·1	51·3	66·7	42·0	23rd	77·2	7th	3·6	2·3	3·0	·403	·388	·396	78	86	82
August -	·802	61·0	57·1	59·1	52·6	67·4	41·5	28th	83·0	9th	2·9	1·6	2·3	·442	·419	·431	83	89	86
September	·632	53·7	50·5	52·1	46·0	60·7	35·0	23rd	72·5	5th	2·7	1·7	2·2	·314	·324	·319	76	89	83
October -	·620	49·3	46·5	47·9	42·2	54·8	28·0	31st	61·0	7th	1·8	1·7	1·8	·306	·277	·292	88	88	88
November	·885	39·6	40·2	39·9	35·2	47·8	26·8	21st	58·5	28th	2·0	1·8	1·9	·204	·213	·209	84	86	85
December	29·620	41·9	42·3	42·1	38·2	46·0	23·5	2nd	55·0	15th	1·7	1·9	1·8	·230	·230	·230	88	86	87
Year -	29·778	49·1	47·1	48·1	42·3	55·8	—	—	—	—	2·6	1·9	2·3	·293	·286	·290	81·9	86·3	84·1

GLASGOW.

Heights above Ground :—Barometer, 4 feet. Thermometers, 7 feet. Rain-gauge, 2 feet.

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January - -	7·6	7·3	7·5	1·317	·170	24, 25	18	6	0	0	2	15	0	1	7	10	0	7	13	20	3	1
February - -	7·9	8·0	8·0	3·801	·905	13th	18	2	4	0	2	17	3	3	8	6	2	12	15	7	2	1
March - -	7·0	4·9	6·0	1·396	·350	1st	9	2	1	1	5	9	2	2	5	8	0	5	21	14	3	4
April - -	5·5	5·1	5·3	1·366	·447	15th	8	0	0	0	6	5	0	0	8	27	0	1	8	14	1	1
May - -	8·3	7·9	8·1	3·073	·960	19th	14	0	1	3	1	20	0	1	9	20	4	2	6	19	1	0
June - -	6·8	5·8	6·3	1·504	·543	22nd	7	0	0	0	3	11	0	4	4	16	2	4	7	18	3	2
July - -	7·6	7·8	7·7	2·615	·965	18th	11	0	0	2	0	16	0	1	9	22	1	0	11	16	2	0
August - -	7·2	6·4	6·8	3·117	·740	20th	16	0	0	1	0	10	0	1	3	12	1	10	11	22	1	1
September -	7·5	5·7	6·6	2·887	·547	29th	20	1	1	2	3	12	0	3	2	4	1	4	15	25	4	2
October - -	7·0	6·3	6·7	5·101	·850	25th	20	0	1	0	2	12	1	2	0	4	2	4	30	17	1	2
November -	6·6	6·7	6·7	3·431	1·698	3rd	12	1	0	0	6	13	3	14	9	6	2	0	11	9	5	4
December -	8·1	7·2	7·7	4·165	·780	24th	22	5	4	2	1	15	1	1	0	5	0	16	26	12	1	1
Year	7·3	6·6	7·0	33·833	—	—	175	17	12	11	31	155	10	33	64	140	15	65	174	193	27	19

ROSEWELL.

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

				ins.	ins.																	
January - -	7·8	6·1	7·0	1·400	·200	7th	22	11	3	0	2	12	2	4	5	5	4	0	19	16	9	0
February - -	5·4	5·4	5·4	4·540	1·200	26th	21	6	3	0	3	5	3	0	4	2	3	0	21	19	7	0
March - -	5·6	4·0	4·8	1·000	·300	1st	9	2	1	0	8	5	2	1	4	1	1	1	7	33	14	0
April - -	5·7	5·7	5·7	1·280	·420	15th	10	2	0	0	5	8	0	0	13	11	4	1	9	14	8	0
May - -	6·5	7·2	6·9	1·920	·490	17th	15	0	0	3	1	13	0	2	10	5	8	1	6	15	15	0
June - -	4·9	4·8	4·9	4·070	1·920	23rd	12	0	0	0	6	7	0	2	14	6	3	1	7	24	3	0
July - -	7·0	6·7	6·9	3·090	·450	24th	17	0	0	3	1	11	0	0	13	9	6	1	7	18	8	0
August - -	7·9	4·8	6·4	3·170	·850	19th	15	0	0	0	6	6	1	2	3	0	2	3	18	28	6	0
September -	6·8	3·7	5·3	1·640	·510	28th	20	1	1	0	7	5	0	3	4	1	0	0	16	28	8	0
October - -	4·7	3·8	4·3	2·380	·600	7th	14	0	0	0	9	5	1	1	1	0	0	0	13	35	12	0
November -	7·0	6·3	6·7	1·610	·800	3rd	18	2	0	0	5	13	5	9	10	2	1	0	5	20	13	0
December -	6·4	5·4	5·9	3·290	·500	13th	23	4	0	0	2	7	5	0	1	1	0	0	29	28	3	0
Year -	6·3	5·3	5·8	29·390	—	—	196	28	8	6	55	97	19	24	82	43	32	8	157	278	106	0

ROTHESAY.

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

				ins.	ins.																	
January - -	6·9	7·6	7·3	2·480	·380	28th	24	5	0	0	2	13	1	3	1	14	2	5	5	13	12	7
February - -	7·5	7·7	7·6	4·270	·780	13th	23	1	0	1	2	14	2	1	3	8	6	9	10	8	3	8
March - -	6·7	5·7	6·2	2·060	·540	1st	17	4	1	0	5	13	0	1	4	7	3	3	8	21	3	12
April - -	4·9	4·8	4·9	2·930	·820	17th	9	0	1	2	6	6	0	0	17	10	2	1	3	13	5	9
May - -	7·5	7·5	7·5	2·700	·670	17th	18	0	0	2	2	16	0	4	6	19	2	5	2	12	6	6
June - -	6·1	4·5	5·3	1·390	·340	26th	9	0	0	1	4	9	0	2	10	3	2	3	8	13	12	7
July - -	—	—	—	5·080	1·360	18th	19	0	0	5	—	—	0	1	11	10	2	6	9	10	8	5
August - -	7·5	6·8	7·2	3·670	·950	21st	21	0	0	2	1	15	1	0	2	3	5	9	7	17	9	10
September -	—	—	—	3·480	·500	30th	20	0	0	1	—	—	2	0	2	2	1	3	11	18	7	16
October - -	6·7	6·0	6·4	6·600	1·190	13th	27	2	0	1	4	14	1	1	1	2	1	7	13	17	6	14
November -	5·3	5·9	5·6	3·740	1·250	16th	16	0	0	0	8	12	0	4	4	9	1	0	4	10	12	16
December -	7·6	7·3	7·5	4·800	·450	27th	27	2	3	3	2	16	2	1	1	1	3	7	14	23	4	8
Year -	—	—	—	43·200	—	—	230	14	5	18	—	—	9	18	62	88	30	58	94	175	87	118

MARCHMONT

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

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·456	35·4	35·2	35·3	31·0	40·3	15·0	6th	49·0	23rd	0·7	0·8	0·8	·194	·190	·192	94	92	93
February -	·016	35·6	36·3	36·0	31·0	43·1	22·0	24th	53·0	19th	1·0	1·0	1·0	·191	·196	·194	91	92	92
March -	·462	41·4	39·1	40·3	34·3	51·1	23·0	19th	67·0	25th	2·5	1·7	2·1	·210	·206	·208	81	86	84
April -	·629	46·6	42·9	44·8	37·8	56·0	31·0	2nd	69·0	20th	3·4	2·0	2·7	·241	·234	·238	76	85	81
May -	·519	52·4	48·3	50·4	44·1	60·9	34·0	1st	74·0	14th	3·5	2·4	3·0	·304	·281	·293	77	83	80
June -	·450	57·5	53·0	55·3	47·8	65·4	40·0	3rd	84·0	18th	4·5	1·9	3·2	·346	·350	·348	73	87	80
July -	·320	57·3	53·6	55·5	50·1	64·9	42·0	1st	80·0	7th	4·0	1·7	2·9	·356	·363	·360	76	88	82
August	·412	60·9	58·3	59·6	52·9	68·4	42·0	28th	83·0	15th	3·7	2·2	3·0	·417	·420	·419	78	86	82
September	·207	51·8	49·4	50·6	44·0	59·4	32·0	23rd	71·0	4th	3·3	2·2	2·8	·302	·298	·300	78	85	82
October -	·210	46·2	43·2	44·7	38·6	54·6	29·0	30th	66·0	17th	2·0	1·5	1·8	·267	·247	·257	86	89	88
November	·412	38·2	38·2	38·2	33·6	44·5	26·0	23rd	56·0	28th	1·1	1·2	1·2	·208	·206	·207	91	90	91
December	29·214	38·2	38·0	38·1	32·6	44·1	20·0	2nd	51·0	15th	0·9	0·9	0·9	·212	·210	·211	93	92	93
Year -	29·359	46·8	44·6	45·7	39·8	54·4	—	—	—	—	2·6	1·6	2·1	·271	·267	·269	82·8	87·9	85·4

LADYLAW (NEAR HAWICK)

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·516	35·9	35·6	35·8	30·7	40·1	6·5	6th	50·3	23rd	1·4	1·4	1·4	·188	·187	·188	86·2	86·9	86·6
February -	·068	37·5	37·3	37·4	32·1	43·1	19·7	28th	53·3	19th	1·3	1·5	1·4	·203	·196	·200	88·2	86·3	87·3
March -	·533	41·4	40·5	41·0	33·3	51·3	19·8	19th	66·0	24th	2·8	2·1	2·5	·208	·213	·211	79·1	83·5	81·3
April -	·691	47·0	45·1	46·1	35·7	58·1	25·1	12th	70·3	24th	3·7	2·8	3·3	·243	·242	·243	75·4	80·4	77·9
May -	·555	53·1	50·2	51·7	43·5	61·6	32·6	10th	76·7	14th	4·1	2·5	3·3	·302	·303	·303	75·0	83·4	79·2
June -	·493	59·0	55·7	57·4	46·1	66·7	36·4	3rd	82·3	18th	5·5	3·5	4·5	·348	·351	·350	69·8	79·0	74·4
July -	·369	58·3	55·4	56·9	49·1	65·2	38·8	23rd	80·8	7th	4·3	2·4	3·4	·367	·374	·371	75·3	84·7	80·0
August -	·441	61·5	57·0	59·3	50·3	68·7	35·0	28th	80·6	14th	4·2	2·1	3·2	·420	·410	·415	76·0	87·3	81·7
September	·253	53·3	48·7	51·0	42·9	59·7	27·6	11th	69·3	14th	3·3	1·7	2·5	·328	·310	·319	79·3	88·4	83·9
October -	·253	47·3	45·0	46·2	39·6	53·9	23·4	30th	61·9	14, 16	2·3	1·5	1·9	·281	·272	·277	83·9	88·6	86·3
November	·466	39·4	39·6	39·5	34·5	45·1	25·1	5th	54·2	28th	1·6	1·5	1·6	·214	·217	·216	86·8	86·1	86·5
December	29·269	39·9	40·1	40·0	35·2	44·8	20·2	2nd	51·4	15th	1·4	1·6	1·5	·221	·219	·220	87·5	85·7	86·6
Year -	29·409	47·8	45·9	46·9	39·4	54·9	—	—	—	—	3·0	2·1	2·6	·277	·275	·276	80·2	85·0	82·6

WOLFELEE

Long. 2° 39′ W. Lat. 55° 23′ N. Height above Mean Sea Level, 587 feet. Gravity Correction, + ·025 in.

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·339	35·4	34·9	35·2	30·7	40·0	8·0	6th	50·0	23rd	0·9	1·0	1·0	·193	·188	·191	89·1	88·8	89·0
February -	—	36·6	36·1	36·4	32·0	42·8	19·5	24th	53·0	19th	1·1	1·1	1·1	·197	·193	·195	88·8	89·3	89·1
March -	·354	42·1	39·1	40·6	33·5	51·2	20·5	19th	70·0	25th	2·4	1·5	2·0	·221	·213	·217	82·1	87·5	84·8
April -	·515	48·2	43·3	45·8	35·7	59·6	24·0	12th	73·0	20, 21	2·8	2·0	2·4	·276	·241	·259	81·4	85·4	83·4
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October -	·111	46·3	44·0	45·2	38·6	53·7	20·5	31st	61·8	14th	1·6	1·3	1·5	·284	·265	·275	87·5	89·4	88·5
November	·313	38·9	38·2	38·6	34·1	44·9	24·0	27th	54·0	3, 28	0·7	0·4	0·6	·228	·228	·228	94·1	96·1	95·1
December	29·130	39·3	39·3	39·3	35·0	44·4	18·0	1st	52·0	15th	0·9	0·8	0·9	·227	·228	·228	92·5	93·1	92·8
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

MARCHMONT.

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

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	8·5	8·0	8·3	2·090	·990	15th	16	8	1	0	0	19	3	10	7	10	0	3	6	18	8	0
February -	7·4	7·9	7·7	4·050	·850	26th	21	7	0	0	0	12	5	8	5	4	1	2	5	17	14	0
March -	5·3	4·8	5·1	0·980	·360	1st	10	2	0	0	5	7	7	8	2	4	1	1	2	24	19	1
April -	5·9	5·0	5·5	1·250	·350	15th	11	2	2	0	7	10	0	3	4	24	0	0	1	12	5	11
May -	7·6	6·2	6·9	1·760	·400	17th	13	0	1	4	1	7	0	7	3	16	3	3	6	19	4	1
June -	6·8	6·2	6·5	3·080	1·600	23rd	10	0	1	3	3	9	1	9	2	6	2	3	1	20	5	12
July -	7·6	8·2	7·9	2·690	1·080	8th	19	0	0	6	0	12	0	5	7	10	2	1	0	18	9	10
August -	7·2	6·6	6·9	2·300	·300	20th	20	0	0	3	2	11	1	1	8	0	0	2	10	25	7	9
September -	6·6	4·9	5·8	1·080	·150	25th	15	2	0	1	2	6	3	11	1	3	0	0	4	28	7	6
October -	5·1	4·5	4·8	1·550	·330	23rd	12	0	1	1	5	8	3	5	0	3	1	9	5	31	7	1
November -	7·7	7·7	7·7	3·640	·920	5th	21	7	1	1	1	17	5	25	20	0	1	0	0	11	3	0
December -	7·8	6·2	7·0	1·960	·350	13th	17	4	0	0	0	13	5	8	1	2	1	1	6	38	5	0
Year -	7·0	6·4	6·7	26·430	—	—	185	32	7	19	26	131	33	100	60	82	12	25	46	261	93	51

LADYLAW (NEAR HAWICK).

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

				ins.	ins.																	
January -	7·7	5·9	6·8	1·335	·295	14th	19	—	—	—	1	13	1	2	14	0	0	5	28	3	4	6
February -	6·3	5·4	5·9	3·645	·686	13th	21	—	—	—	3	7	0	2	7	1	2	2	31	3	3	5
March -	4·2	4·1	4·2	0·905	·251	3rd	11	—	—	—	9	4	0	3	2	1	1	6	43	1	2	3
April -	4·1	2·8	3·5	0·708	·209	16th	6	—	—	—	10	5	0	5	11	8	4	6	16	1	3	6
May -	6·4	4·3	5·4	2·054	·916	17th	12	—	—	—	2	4	0	2	16	5	6	13	11	0	4	5
June -	4·9	4·0	4·5	2·356	·947	23rd	9	—	—	—	10	5	0	4	4	11	1	15	13	0	2	10
July -	6·6	5·9	6·3	2·532	·517	8th	16	—	—	—	3	8	0	1	15	9	0	5	23	1	0	8
August -	4·6	4·5	4·6	2·943	·429	20th	17	—	—	—	4	1	0	0	5	4	3	7	30	1	1	11
September -	4·6	3·0	3·8	1·127	·376	25th	16	—	—	—	11	2	0	0	4	2	4	6	37	1	2	4
October -	4·0	3·0	3·5	2·762	·743	7th	19	—	—	—	12	3	0	2	1	1	6	8	34	2	0	8
November -	5·7	5·7	5·7	2·183	·340	3rd	22	—	—	—	5	6	0	8	13	3	4	2	21	1	3	5
December -	4·8	4·3	4·6	4·285	·987	13th	22	—	—	—	9	3	1	2	1	0	0	8	44	5	2	0
Year -	5·3	4·4	4·9	26·835	—	—	190	—	—	—	79	61	2	31	93	45	31	83	331	19	26	71

WOLFELEE.

Heights above Ground:—Barometer, 14 feet. Thermometers, 4 feet. Rain-gauge, 6 inches.

				ins.	ins.																	
January -	7·5	7·0	7·3	1·680	·680	15th	14	9	0	0	1	14	2	1	12	2	4	1	12	13	17	0
February -	—	—	—	4·270	·820	9th	18	4	0	0	—	—	1	1	5	1	3	2	26	11	7	0
March -	5·1	4·9	5·0	1·250	·400	1st, 3rd	9	2	0	0	8	8	4	2	5	1	1	2	29	9	13	0
April -	4·6	3·9	4·3	0·640	·240	15th	6	0	0	3	8	4	0	5	10	12	5	3	7	9	9	0
May -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
June -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
July -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
August -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
October -	4·7	3·8	4·3	2·760	·800	25th	19	0	0	0	3	2	4	1	1	0	1	0	32	19	8	0
November	—	—	—	2·970	·660	5th	19	5	0	0	—	—	3	8	16	1	3	0	11	15	6	0
December	5·9	4·9	5·4	5·530	·840	13th	22	4	1	0	4	7	3	2	0	1	1	3	41	9	5	0
Year -	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

PINMORE

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

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·820	35·9	36·5	36·2	30·8	41·6	16·0	2nd	50·3	31st	1·0	1·2	1·1	·194	·193	·194	92	90	91
February -	·345	38·1	38·3	38·2	33·8	44·5	19·0	25th	50·0	18th	1·1	1·4	1·3	·207	·203	·205	90	88	89
March -	·838	43·3	40·6	42·0	34·5	52·1	25·0	19th	64·0	25th	2·3	1·4	1·9	·231	·223	·227	82	89	86
April -	·962	51·8	45·5	48·7	37·8	60·6	26·0	4th	76·0	22nd	3·8	1·6	2·7	·290	·268	·279	75	88	82
May -	·838	56·4	51·5	54·0	45·4	63·2	35·0	30th	75·0	9th	4·2	1·9	3·1	·340	·331	·336	74	87	81
June -	·797	62·2	54·7	58·5	47·5	68·2	39·0	22nd	79·0	18th	4·7	1·7	3·2	·411	·379	·395	74	89	82
July -	·666	60·8	56·2	58·5	51·6	67·4	39·0	15th	81·0	5th	3·6	2·3	3·0	·419	·385	·402	79	85	82
August -	·741	61·8	57·3	59·6	51·3	67·8	34·0	28th	81·0	9th	3·4	1·4	2·4	·441	·427	·434	80	90	85
September -	·581	53·9	49·5	51·7	44·4	60·1	29·0	11th	69·0	14th	2·1	1·0	1·6	·352	·328	·340	87	93	90
October -	·568	47·3	46·5	46·9	40·8	54·6	22·0	31st	61·0	16th	1·1	1·1	1·1	·299	·291	·295	94	92	93
November	·809	38·1	38·9	38·5	32·4	47·2	20·0	21st	54·0	3rd	1·4	1·3	1·4	·202	·212	·207	88	90	89
December	29·574	41·1	41·6	41·4	36·5	45·8	18·0	2nd	52·5	15th	1·1	1·5	1·3	·234	·231	·233	91	89	90
Year -	29·712	49·2	46·4	47·8	40·6	56·1	—	—	—	—	2·5	1·5	2·0	·302	·289	·296	83·8	89·2	86·5

GLENLEE

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·800	36·5	36·3	36·4	31·8	41·4	10·0	5th	52·5	23rd	1·4	1·3	1·4	·189	·190	·190	88	89	89
February -	·332	38·0	37·8	37·9	33·6	44·3	17·0	28th	50·0	18th	1·2	1·1	1·2	·204	·206	·205	89	91	90
March -	·818	42·1	39·9	41·0	33·3	51·9	20·0	19th	64·2	26th	2·3	1·5	1·9	·210	·216	·213	82	88	85
April -	·956	51·4	45·2	48·3	36·5	60·9	26·5	14th	75·0	24th	4·2	2·4	3·3	·277	·247	·262	72	83	78
May -	·822	55·7	51·3	53·5	44·7	62·3	34·2	30th	72·0	14th	3·7	2·4	3·1	·343	·318	·331	77	83	80
June -	·766	61·0	55·7	58·4	47·2	68·2	35·4	2nd	81·0	18th	5·0	2·9	4·0	·383	·364	·374	72	82	77
July -	·645	61·4	56·4	58·9	49·9	66·9	39·5	23rd	76·0	7th	4·1	2·7	3·4	·415	·377	·396	77	83	80
August -	·729	61·9	57·4	59·7	51·4	67·8	34·2	28th	81·0	9th	4·0	1·9	3·0	·426	·415	·421	82	88	85
September	·560	54·5	49·5	52·0	44·0	60·8	29·0	21st	70·0	14th	3·2	1·9	2·6	·337	·306	·322	79	87	83
October -	·557	48·1	46·2	47·2	40·3	54·5	24·5	31st	62·0	14th	2·0	1·6	1·8	·286	·276	·281	86	89	88
November	·788	39·9	40·8	40·4	34·1	47·0	22·5	5th	54·5	3rd	1·7	1·8	1·8	·212	·217	·215	87	86	87
December	29·578	41·4	41·7	41·6	35·5	46·8	13·0	2nd	53·0	16th	1·6	1·3	1·5	·228	·237	·233	88	90	89
Year -	29·696	49·3	46·5	47·9	40·2	56·1	—	—	—	—	2·9	1·9	2·4	·293	·281	·287	81·6	86·6	84·1

CARGEN

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·930	37·3	37·5	37·4	32·9	41·7	15·4	5th	51·6	23rd	1·1	1·0	1·1	·201	·200	·201	91	96	94
February -	·473	38·6	39·4	39·0	34·6	44·9	19·6	28th	50·8	19th	1·2	1·3	1·3	·211	·216	·214	91	93	92
March -	29·950	42·0	42·5	42·3	35·0	52·5	23·0	19th	63·8	25th	1·9	1·5	1·7	·227	·239	·233	86	88	87
April -	30·078	50·3	49·0	49·7	38·5	61·3	28·4	12th	76·4	24th	3·5	3·0	3·3	·279	·276	·278	77	79	78
May -	29·961	55·6	53·3	54·5	45·5	63·0	35·4	30th	75·8	14th	3·6	2·4	3·0	·344	·341	·343	77	83	80
June -	·993	61·6	58·3	60·0	49·1	69·5	39·0	3rd	83·0	18th	4·6	3·1	3·9	·403	·395	·399	74	80	77
July -	·790	60·9	58·4	59·7	50·8	67·8	43·0	21st	80·0	7th	3·8	1·3	2·6	·414	·448	·431	78	92	85
August -	·848	61·9	59·2	60·6	53·4	68·5	38·8	28th	80·6	9th	2·9	1·7	2·3	·457	·449	·453	83	90	87
September	·696	54·7	51·8	53·3	45·0	61·1	32·0	11th	71·6	14th	2·6	1·9	2·3	·355	·336	·346	83	87	85
October -	·682	47·9	47·2	47·6	40·1	54·9	25·4	31st	61·8	16th	1·6	1·6	1·6	·294	·287	·291	89	89	89
November	·899	40·3	41·0	40·7	34·5	47·3	26·0	5th	55·0	28th	1·6	1·7	1·7	·217	·221	·219	88	86	87
December	29·710	41·4	42·3	41·9	36·5	46·7	17·8	2nd	53·0	15th	1·1	1·3	1·2	·238	·242	·240	91	90	91
Year -	29·827	49·4	48·3	48·9	41·3	56·6	—	—	—	—	2·5	1·8	2·2	·303	·304	·304	84·0	87·8	85·9

PINMORE.

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

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	7·5	6·9	7·2	3·020	·680	28th	20	5	0	0	3	13	2	5	0	2	3	15	0	0	3	34
February -	8·2	8·5	8·4	3·850	·540	13th	19	2	0	0	1	20	5	1	0	7	1	6	5	8	3	25
March -	7·7	5·2	6·5	2·700	·610	1st	13	4	0	1	4	14	0	3	0	6	1	0	0	8	4	40
April -	5·0	4·7	4·9	1·660	·460	17th	8	0	1	0	4	6	1	1	0	0	4	5	3	2	4	41
May -	7·5	7·0	7·3	1·780	·640	17th	11	0	0	0	4	18	1	2	0	1	1	15	3	4	0	36
June -	6·4	6·4	6·4	2·220	·790	23rd	12	0	1	1	4	13	0	6	0	0	0	2	4	4	4	40
July -	7·5	8·4	8·0	5·240	1·040	24th	15	0	0	4	0	13	0	5	1	1	0	6	1	4	2	42
August -	7·8	7·1	7·5	5·110	·890	22nd	17	0	0	1	1	14	2	3	0	1	0	13	11	2	1	31
September -	8·0	6·3	7·2	3·530	·650	25th	18	0	2	2	1	17	2	3	0	1	0	5	5	5	4	37
October -	8·2	7·4	7·8	7·600	·870	25th	27	0	5	1	1	15	1	5	0	0	0	5	6	7	2	37
November -	6·7	6·2	6·5	4·070	·870	16th	13	0	0	0	3	12	5	7	0	0	0	2	4	5	6	36
December -	7·9	8·3	8·1	6·520	1·120	24th	23	4	1	0	0	17	4	4	0	1	1	5	3	14	4	30
Year -	7·4	6·9	7·2	47·300	—	—	196	15	10	10	26	172	23	45	1	20	11	79	45	63	37	429

GLENLEE.

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

				ins.	ins.																	
January -	—	—	—	2·630	·590	28th	20	5	0	0	—	—	2	5	1	5	4	9	4	18	6	10
February -	—	—	—	6·710	1·420	13th	23	4	2	1	—	—	5	0	4	2	6	13	9	9	4	9
March -	—	—	—	2·710	·960	1st	13	3	0	0	—	—	5	2	1	1	6	2	12	16	4	18
April -	—	—	—	1·390	·510	17th	9	0	1	0	—	—	1	4	8	13	12	10	6	2	5	0
May -	—	—	—	2·820	·810	17th	13	0	0	3	—	—	0	0	1	14	11	9	4	6	11	6
June -	—	—	—	2·030	·570	9th	10	0	0	2	—	—	4	7	1	5	7	8	7	9	5	11
July -	—	—	—	3·480	1·030	18th	16	0	0	5	—	—	2	1	1	6	4	8	9	16	8	9
August -	—	—	—	5·540	1·210	20th	17	0	0	1	—	—	3	3	0	1	2	18	10	10	10	8
September -	—	—	—	2·320	·550	25th	18	0	1	0	—	—	4	2	2	1	1	7	6	19	11	11
October -	—	—	—	5·880	·640	25th	26	0	4	2	—	—	3	0	0	1	1	11	17	23	2	7
November -	—	—	—	3·890	1·010	16th	15	0	0	1	—	—	1	2	5	1	3	1	8	14	16	10
December -	—	—	—	8·400	1·500	24th	25	3	1	0	—	—	1	0	0	0	2	13	27	11	3	6
Year -	—	—	—	47·800	—	—	205	15	9	15	—	—	31	26	24	50	59	109	119	153	85	105

CARGEN.

Heights above Ground:—Barometer, 13 feet. Thermometers, 4 feet. Rain-gauge, 4 inches.

				ins.	ins.																	
January -	5·2	4·5	4·9	1·800	·640	28th	13	2	0	0	3	2	1	10	11	9	1	2	8	14	7	0
February -	5·4	5·0	5·2	5·510	1·290	13th	20	2	1	1	2	5	1	4	2	11	0	8	7	17	7	0
March -	4·3	3·3	3·8	1·760	·580	3rd	11	1	1	1	10	3	0	19	1	6	2	4	11	12	7	0
April -	3·4	3·0	3·2	1·070	·480	16th	7	0	0	0	11	3	0	4	6	30	3	2	5	3	7	0
May -	5·0	4·6	4·8	2·460	·890	17th	12	0	0	3	1	1	0	8	5	15	7	4	7	8	8	0
June -	3·8	4·2	4·0	2·070	·480	23rd	10	0	1	3	4	1	1	15	0	13	2	1	13	8	8	0
July -	4·4	5·1	4·8	2·960	·960	18th	14	0	0	5	1	3	0	4	9	11	2	7	10	9	10	0
August -	4·4	4·3	4·4	4·480	·940	20th	18	0	0	4	1	1	1	4	3	4	3	3	17	14	14	0
September -	4·2	3·6	3·9	2·640	·460	25th	15	1	0	3	7	2	0	6	12	3	0	1	16	19	3	0
October -	5·0	4·8	4·9	4·200	·660	25th	23	0	0	1	4	5	0	8	2	1	4	2	14	19	12	0
November -	5·0	4·8	4·9	1·780	·360	16th	10	0	0	0	3	2	1	3	23	12	1	0	8	5	8	0
December -	5·5	4·8	5·2	6·720	·960	13th	22	3	0	0	1	4	2	2	2	3	1	3	12	30	9	0
Year -	4·6	4·3	4·5	37·450	—	—	175	9	3	21	48	32	7	87	76	118	26	37	128	158	100	0

SEAHAM

Long. 1° 19′ W. Lat. 54° 50′ N. Height above Mean Sea Level, 148 feet. Gravity Correction, + ·027 in.

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·817	37·9	37·1	37·5	33·4	41·8	16·5	5th	52·0	23rd	1·6	1·4	1·5	·202	·198	·200	86·5	87·3	86·9
February -	·392	39·5	38·5	39·0	34·4	45·1	26·0	26, 28	55·5	19th	1·2	1·0	1·1	·222	·216	·219	90·0	91·3	90·7
March -	29·839	45·9	42·3	44·1	36·9	53·2	25·0	19th	66·0	25th	2·8	2·0	2·4	·250	·231	·241	80·7	85·1	82·9
April -	30·006	48·2	43·9	46·1	38·2	52·5	28·5	12th	63·0	2nd	3·7	2·2	3·0	·257	·241	·249	76·8	83·9	80·4
May -	29·876	54·1	49·6	51·9	44·6	58·2	36·5	1st	70·4	14th	3·7	2·0	2·9	·326	·309	·318	77·8	86·8	82·3
June -	·812	59·3	54·1	56·7	49·4	63·1	41·0	1st	76·7	18th	4·0	1·4	2·7	·390	·382	·386	77·2	90·7	84·0
July -	·686	59·7	55·5	57·6	51·2	63·8	42·5	28th	71·5	24th	3·4	1·6	2·5	·411	·397	·404	80·1	89·7	84·9
August -	·769	63·5	58·4	61·0	53·7	68·5	46·0	28th	84·5	18th	3·8	2·0	2·9	·463	·430	·447	78·4	87·1	82·8
September	·580	55·8	51·8	53·8	46·6	61·1	33·0	23rd	74·5	5th	3·7	2·2	3·0	·350	·334	·342	77·2	85·1	81·2
October -	·583	50·2	47·1	48·7	42·3	55·9	27·0	31st	65·5	15th	2·7	1·9	2·3	·304	·286	·295	81·5	85·7	83·6
November	·767	43·4	42·5	43·0	36·9	47·8	27·0	5th	57·5	28th	2·0	1·7	1·9	·242	·242	·242	84·6	86·8	85·7
December	29·630	40·6	40·8	40·7	35·4	45·6	22·0	2nd	52·5	16th	1·3	1·3	1·3	·235	·232	·234	89·1	89·4	89·3
Year -	29·730	49·8	46·8	48·3	41·9	54·7	—	—	—	—	2·8	1·7	2·3	·304	·292	·298	81·7	87·4	84·6

DURHAM

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·615	36·0	35·5	35·8	31·3	40·4	11·3	6th	51·3	23rd	1·6	1·5	1·6	·185	·183	·184	84·1	85·5	84·8
February -	·193	38·0	37·5	37·8	33·0	43·6	23·5	28th	54·0	19th	1·7	1·4	1·6	·199	·199	·199	84·6	87·5	86·1
March -	·648	43·9	42·3	43·1	35·0	53·4	22·0	19th	67·2	24th	3·0	2·6	2·8	·228	·219	·224	78·3	80·1	79·2
April -	·807	47·4	43·9	45·7	36·5	57·0	24·1	12th	72·1	20th	3·2	2·3	2·8	·257	·241	·249	78·9	83·6	81·3
May -	·677	54·6	50·2	52·4	43·4	62·2	33·1	10th	75·9	14th	4·1	2·4	3·3	·323	·306	·315	75·7	84·1	79·9
June -	·612	59·9	54·4	57·2	49·0	67·1	40·2	1st	85·7	18th	4·5	2·0	3·3	·386	·372	·379	75·4	87·7	81·6
July -	·486	60·7	55·7	58·2	50·4	68·0	40·7	28th	81·4	7th	4·5	1·7	3·1	·398	·397	·398	75·1	88·7	82·0
August -	·574	63·8	58·8	61·3	52·9	71·7	43·5	28th	86·4	15th	4·3	2·4	3·4	·456	·428	·442	76·3	85·4	80·9
September	·389	55·1	51·0	53·1	45·2	62·0	33·1	23rd	74·7	5th	3·6	2·0	2·8	·342	·330	·336	77·8	86·1	82·0
October -	·394	49·5	46·4	48·0	40·7	56·6	26·5	31st	65·7	16th	2·5	2·0	2·3	·299	·276	·288	82·5	84·5	83·5
November	·574	41·4	40·5	41·0	35·1	46·8	25·4	1st	57·2	28th	1·4	1·0	1·2	·235	·236	·236	89·1	91·0	90·1
December	29·432	39·8	40·0	39·9	34·7	45·6	22·4	2nd	52·4	16th	1·4	1·4	1·4	·220	·221	·221	87·4	87·3	87·4
Year -	29·533	49·2	46·4	47·8	40·6	56·2	—	—	—	—	3·0	1·9	2·5	·294	·284	·289	80·4	86·0	83·2

ROUNTON

Long. 1° 18′ W. Lat. 54° 24′ N. Height above Mean Sea Level, 249 feet. Gravity Correction, + ·025 in.

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·741	34·6	33·9	34·2	29·0	39·7	1·3	5th	51·8	31st	0·9	0·7	0·8	·182	·180	·181	90	92	91
February -	·323	38·8	37·9	38·4	32·6	43·9	20·2	24th	54·1	19th	1·2	1·2	1·2	·212	·204	·208	90	89	90
March -	·777	43·7	41·4	42·5	34·1	53·9	22·2	19th	65·8	24, 25	2·5	1·8	2·2	·231	·223	·227	81	85	83
April -	·918	46·3	42·6	44·5	35·4	56·7	23·2	12th	71·8	20th	2·0	1·4	1·7	·267	·242	·255	85	89	87
May -	·787	54·3	49·3	51·8	42·8	61·4	34·1	11th	71·1	4th	3·2	1·8	2·5	·335	·305	·320	79	87	83
June -	·725	58·8	54·2	56·5	47·8	66·4	37·5	1st	82·8	18th	3·8	2·3	3·0	·382	·356	·369	77	85	81
July -	·603	59·8	55·4	57·6	49·9	66·6	39·5	28th	84·3	8th	2·8	0·9	1·9	·425	·412	·418	83	94	88
August -	·692	63·2	58·3	60·7	52·6	70·6	38·5	6th	81·8	15th	3·3	1·6	2·4	·465	·437	·451	80	90	85
September	·512	54·9	51·0	53·0	45·4	61·3	32·4	23rd	73·8	4th, 5th	3·1	1·3	2·2	·345	·339	·342	80	91	86
October -	·531	49·0	46·3	47·6	40·3	55·9	24·2	31st	67·1	21st	1·8	0·8	1·3	·302	·295	·299	87	93	90
November	·697	41·3	40·0	40·7	34·7	46·9	25·2	27th	55·8	3, 28	1·5	1·5	1·5	·228	·217	·222	88	88	88
December	29·580	39·1	40·0	39·5	34·3	45·5	14·8	2nd	53·8	16th	0·9	0·8	0·9	·220	·231	·226	92	94	93
Year -	29·657	48·7	45·9	47·3	39·9	55·7	—	—	—	—	2·3	1·3	1·8	·300	·287	·293	84·3	89·8	87·1

SEAHAM.

Heights above Ground:—Barometer, 2 feet. Thermometers, 4 feet. Rain-gauge, 1 ft. 6 ins.

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January - -	8·1	7·4	7·8	1·321	·185	31st	17	6	1	0	1	14	5	4	4	8	0	5	8	25	8	0
February - -	7·5	6·9	7·2	1·992	·800	26th	16	5	0	0	0	9	6	1	3	4	0	2	16	24	5	1
March - -	5·8	5·6	5·7	0·637	·355	1st	9	4	0	0	2	6	7	4	0	1	4	1	11	30	7	4
April - -	5·8	5·5	5·7	0·586	·240	16th	8	0	1	1	6	9	0	4	9	10	6	2	2	15	5	7
May - -	8·0	7·8	7·9	1·475	·360	17th	13	0	0	3	0	16	0	11	2	2	5	11	7	14	5	5
June - -	7·3	7·7	7·5	1·150	·210	28th	11	0	0	4	1	15	3	6	4	6	7	10	9	7	4	7
July - -	8·0	7·5	7·8	3·133	1·270	8th	19	0	0	6	1	17	0	6	3	1	8	2	16	9	3	14
August - -	6·9	6·4	6·7	2·052	·370	2nd	19	0	0	4	0	11	1	5	1	3	1	2	27	14	3	6
September -	7·0	5·2	6·1	1·515	·315	25th	20	1	0	2	3	9	4	3	0	0	2	1	18	25	7	4
October - -	5·1	5·6	5·4	0·805	·200	7th	21	0	0	1	6	9	4	0	1	1	0	0	25	28	4	3
November -	8·5	6·8	7·7	2·931	·470	18th	26	3	1	0	1	16	10	10	8	5	2	3	8	16	7	1
December -	7·8	6·0	6·9	1·608	·330	10th	19	2	0	1	1	14	2	0	1	0	0	4	24	28	1	4
Year -	7·2	6·5	6·9	19·205	—	—	198	21	3	22	22	145	42	54	36	41	35	43	171	235	59	56

DURHAM.

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

				ins.	ins.																
January - -	8·6	8·1	8·4	1·300	·380	31st	21	12	0	0	0	21	0	1	8	4	1	6	3	9	11	19
February - -	7·4	7·8	7·6	2·124	·538	26th	19	8	0	0	1	14	0	2	4	1	1	12	9	10	3	14
March - -	6·4	5·9	6·2	0·434	·235	1st	10	3	0	0	5	12	0	2	1	1	0	6	13	12	9	18
April - -	6·8	6·3	6·6	0·369	·179	16th	9	0	1	1	4	13	0	5	10	4	3	6	6	4	3	19
May - -	7·9	8·6	8·3	2·326	·731	17th	13	0	0	3	1	20	0	2	7	2	2	7	7	4	4	27
June - -	8·1	7·9	8·0	0·811	·222	26th	11	0	0	4	1	17	0	2	0	1	0	8	3	3	5	38
July - -	8·2	7·9	8·1	4·476	2·417	8th	19	0	1	7	1	19	0	2	5	1	1	4	8	8	4	29
August - -	7·7	7·6	7·7	2·138	·311	2nd	19	0	0	4	1	15	0	2	0	0	1	4	19	2	9	25
September -	7·4	7·0	7·2	1·765	·441	25th	16	1	0	1	3	15	0	4	1	0	0	3	15	13	9	15
October - -	6·4	6·2	6·3	0·706	·355	7th	12	1	0	1	6	13	0	0	1	0	0	4	19	16	11	11
November -	8·5	8·3	8·4	2·364	·330	7th	24	8	1	0	0	20	2	8	9	0	1	2	9	11	7	13
December -	7·6	7·0	7·3	1·287	·300	12th	16	6	1	0	3	15	0	2	1	0	1	12	23	13	5	5
Year -	7·6	7·4	7·5	20·100	—	—	189	39	4	21	26	194	2	32	47	14	11	74	134	105	80	233

ROUNTON.

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

				ins.	ins.																
January - -	7·8	6·7	7·2	1·830	·460	31st	18	7	1	0	0	16	0	7	3	2	2	11	13	1	7	16
February - -	7·3	5·9	6·6	2·310	·620	26th	16	6	0	0	2	9	2	4	3	3	5	14	16	5	3	3
March - -	4·7	4·0	4·4	0·250	·100	1st	5	2	0	0	10	6	0	1	1	2	3	6	26	4	12	7
April - -	6·4	4·4	5·4	0·420	·240	16th	7	0	1	1	6	9	0	4	10	5	5	4	11	4	8	9
May - -	6·8	6·3	6·5	1·810	·700	17th	10	0	1	3	2	9	0	7	8	5	5	12	6	6	2	11
June - -	6·6	6·1	6·4	1·150	·330	22nd	10	0	0	6	4	8	0	4	6	1	3	9	18	2	7	10
July - -	7·0	6·9	6·9	2·840	1·050	2nd	17	0	0	7	1	12	0	8	4	1	2	15	10	3	8	11
August - -	5·6	5·2	5·4	2·350	·460	5th	14	0	0	4	4	7	1	4	0	1	3	15	14	4	7	14
September -	6·2	6·1	6·2	1·790	·490	28th	14	1	0	2	4	10	0	2	0	1	1	11	16	5	10	14
October - -	4·8	5·8	5·3	0·840	·180	3rd	10	0	0	1	5	7	0	0	0	0	2	10	27	8	7	8
November -	8·3	7·5	7·9	2·670	·400	25th	20	6	1	0	1	17	3	15	5	0	5	7	13	2	8	5
December -	6·6	5·9	6·2	2·270	·600	12th	20	2	0	0	5	12	1	1	1	0	2	19	28	3	4	4
Year -	6·5	5·9	6·2	20·530	—	—	161	24	4	24	44	122	7	57	41	21	38	133	198	47	83	112

AYSGARTH

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

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·300	34·9	34·9	34·9	31·0	38·7	7·2	5th	50·5	23, 30	1·3	1·4	1·4	·181	·180	·181	85·8	85·4	85·6
February -	28·884	37·9	37·1	37·5	33·1	42·6	18·8	28th	55·5	19th	1·4	1·4	1·4	·203	·197	·200	87·2	87·4	87·3
March -	29·338	43·4	41·1	42·3	34·7	53·2	21·5	19th	67·5	24th	3·3	2·7	3·0	·216	·206	·211	76·3	78·9	77·6
April -	·478	47·7	43·1	45·4	36·2	56·4	24·5	12th	70·3	20th	3·6	2·3	3·0	·253	·232	·243	76·7	82·6	79·7
May -	·352	53·9	48·9	51·4	43·5	61·4	36·0	10th	74·3	13th	4·6	2·4	3·5	·303	·291	·297	72·9	83·9	78·4
June -	·297	59·8	54·3	57·1	47·2	66·4	37·9	9th	81·9	18th	5·5	2·8	4·2	·359	·350	·355	70·2	82·6	76·4
July -	·160	58·6	55·5	57·1	49·9	67·9	41·3	28th	80·6	2nd	3·9	2·5	3·2	·380	·374	·377	76·9	84·0	80·5
August -	·246	63·3	57·7	60·5	53·0	70·2	44·6	28th	84·2	14th	4·1	2·3	3·2	·451	·415	·433	77·0	86·6	81·8
September	·066	54·5	50·5	52·5	45·4	60·6	33·1	23rd	73·4	4th	3·6	2·2	2·9	·338	·321	·330	77·8	85·0	81·4
October -	·088	48·7	45·4	47·1	40·8	55·0	26·5	31st	65·5	21st	2·8	1·9	2·4	·282	·267	·275	80·6	84·9	82·8
November	·263	40·5	39·5	40·0	35·0	45·3	24·7	5th	55·0	3rd	1·8	1·9	1·9	·219	·208	·214	85·3	82·0	83·7
December	29·132	40·4	40·1	40·3	35·5	44·7	20·3	2nd	50·4	15th	1·8	1·6	1·7	·216	·219	·218	84·4	86·3	85·4
Year -	29·217	48·6	45·7	47·2	40·4	55·2	—	—	—	—	3·1	2·1	2·6	·283	·272	·278	79·3	84·1	81·7

SCARBOROUGH

Long. 0° 28′ W. Lat. 54° 17′ N. Height above Mean Sea Level, 159 feet. Gravity Correction, + ·025 in.

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·821	37·5	37·2	37·4	32·0	40·7	10·0	5th	52·0	23rd	0·6	0·8	0·7	·217	·211	·214	95·0	93·5	94·3
February -	·431	39·4	38·8	39·1	33·9	43·2	23·0	6th	54·0	19th	0·6	0·8	0·7	·233	·224	·229	94·3	93·9	94·1
March -	29·860	44·4	43·2	43·8	37·4	51·3	29·0	17, 18	62·0	12,21,23	1·4	1·4	1·4	·264	·252	·258	90·3	89·8	90·1
April -	30·013	46·2	43·4	44·8	38·8	51·6	32·3	7th	63·2	19th	1·8	1·3	1·6	·275	·255	·265	87·7	90·6	89·2
May -	29·880	53·5	50·7	52·1	45·8	58·1	38·5	1st	69·4	11th	2·6	1·9	2·3	·345	·323	·334	83·6	87·3	85·5
June -	·812	57·5	55·4	56·5	50·7	63·0	42·5	1st	78·7	18th	2·9	2·4	2·7	·392	·373	·383	82·3	84·6	83·5
July -	·692	59·7	57·7	58·7	52·8	64·7	47·0	28th	72·3	10th	3·3	2·3	2·8	·413	·412	·413	80·8	86·2	83·5
August -	·787	63·5	61·2	62·4	55·8	71·1	46·1	6th	90·5	18th	3·2	3·2	3·2	·482	·443	·463	81·5	81·4	81·5
September	·593	55·7	54·4	55·1	48·0	62·7	37·2	23rd	75·0	5th	3·1	2·1	2·6	·364	·371	·368	80·6	86·4	83·5
October -	·610	50·0	48·9	49·5	41·3	55·7	30·1	31st	65·2	21st	1·6	1·4	1·5	·326	·317	·322	89·1	90·1	89·6
November	·758	43·9	43·2	43·6	37·8	48·1	27·5	4th	55·9	17th	1·6	1·5	1·6	·255	·249	·252	87·9	88·8	88·4
December	29·667	40·4	40·8	40·6	34·9	45·9	25·4	2nd	52·6	13th	1·0	1·3	1·2	·232	·229	·231	91·7	89·5	90·6
Year -	29·744	49·3	47·9	48·6	42·4	54·7	—	—	—	—	2·0	1·7	1·9	·317	·305	·311	87·1	88·5	87·8

CRONKBOURNE (Douglas), Isle of Man

Long. 4° 29′ W. Lat. 54° 10′ N. Height above Mean Sea Level, 137 feet. Gravity Correction, + ·024 in.

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·882	40·2	39·9	40·1	35·9	43·5	24·0	4th	50·2	23rd	1·2	1·0	1·1	·229	·230	·230	90·0	91·5	90·8
February -	·440	41·6	41·1	41·4	37·3	44·5	26·0	28th	49·8	19th	1·4	1·1	1·3	·238	·240	·239	89·4	91·5	90·5
March -	29·916	46·7	42·6	44·7	37·8	51·4	29·0	19th	59·9	25th	2·1	1·3	1·7	·271	·247	·259	85·1	89·9	87·5
April -	30·021	52·0	47·7	49·9	40·6	57·2	29·7	12th	66·8	20th	3·7	1·8	2·8	·300	·293	·297	77·0	87·3	82·2
May -	29·897	55·3	51·8	53·6	47·3	59·8	40·0	10th	65·8	28th	3·4	2·0	2·7	·348	·334	·341	79·7	87·2	83·5
June -	·845	59·8	54·9	57·4	49·6	65·1	41·5	2nd	76·0	18th	3·7	1·9	2·8	·405	·382	·394	78·6	88·0	83·3
July -	·727	61·0	56·9	59·0	52·5	65·6	45·8	28th	73·4	3rd, 7th	3·0	1·4	2·2	·441	·423	·432	82·5	91·2	86·9
August -	·811	61·7	57·6	59·7	53·7	65·5	40·5	6th	75·5	15th	2·6	1·2	1·9	·467	·442	·455	84·5	92·2	88·4
September	·655	57·0	52·3	54·7	48·0	60·5	36·7	23rd	68·7	4th	2·8	1·6	2·2	·391	·357	·374	82·9	89·1	86·0
October -	·661	51·7	48·2	50·0	42·7	54·9	28·2	31st	62·8	14th	2·4	1·6	2·0	·328	·306	·317	83·8	88·5	86·2
November	·868	44·3	43·8	44·1	38·6	48·2	26·8	5th	55·2	3rd	2·5	2·3	2·4	·242	·242	·242	81·9	82·5	82·2
December	29·688	44·4	43·9	44·2	39·1	48·0	22·8	2nd	59·2	17th	1·6	1·7	1·7	·263	·257	·260	87·9	87·7	87·8
Year -	29·784	51·3	48·4	49·9	43·6	55·4	—	—	—	—	2·5	1·6	2·1	·327	·311	·319	83·6	88·9	86·3

AYSGARTH.

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

1893.	Amount of Cloud. 9 a.m.	9 p.m	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January - -	6·7	6·6	6·7	1·810	·600	31st	19	10	0	0	1	10	1	3	11	5	1	3	14	14	9	2
February - -	7·3	6·3	6·8	6·060	·800	9th	22	5	3	0	2	12	3	2	6	7	0	3	14	12	6	6
March - -	4·4	3·5	4·0	0·970	·410	1st	7	3	0	0	11	6	3	1	2	2	1	2	8	21	13	12
April - -	4·5	4·3	4·4	0·530	·220	16th	5	2	0	1	7	6	0	1	8	15	0	2	2	14	1	17
May - -	6·4	5·3	5·9	1·960	1·170	17th	10	0	0	2	3	7	0	3	5	11	3	2	11	9	4	14
June - -	5·7	5·4	5·6	2·060	·640	23rd	10	0	0	3	7	10	0	1	7	8	2	5	7	7	5	18
July - -	3·4	5·1	4·3	3·360	·650	18th	20	0	0	5	6	2	0	1	17	5	1	2	7	14	9	6
August - -	2·6	4·8	3·7	3·260	·570	2nd	18	0	0	3	8	1	0	7	6	0	0	0	5	17	14	13
September -	3·9	4·5	4·2	2·590	·450	28th	17	1	0	0	5	2	0	3	5	2	0	0	5	12	23	10
October - -	5·0	4·2	4·6	2·510	·510	3rd	18	1	1	1	7	5	3	2	0	0	1	1	9	17	14	18
November -	7·8	6·7	7·3	1·940	·300	1st	21	6	0	0	2	13	5	10	13	2	2	0	5	12	6	10
December -	6·4	6·0	6·2	3·810	·600	12th	20	9	4	0	3	10	3	2	0	0	1	2	26	16	6	9
Year -	5·3	5·2	5·3	30·860	—	—	187	37	8	15	62	84	18	36	80	57	12	22	113	165	110	135

SCARBOROUGH.

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

				ins.	ins.																	
January - -	6·5	6·2	6·4	1·810	·370	6th	20	10	1	0	2	7	1	8	10	0	5	5	8	9	16	1
February - -	6·5	—	—	3·190	·630	26th	19	3	0	0	—	—	—	0	8	0	4	2	21	18	3	0
March - -	3·6	2·0	2·8	0·180	·090	3rd	5	1	1	0	13	1	0	1	7	2	0	2	13	16	14	7
April - -	4·2	3·2	3·7	0·610	·370	16th	6	0	0	0	9	3	0	2	16	12	4	1	4	7	7	7
May - -	5·5	4·3	4·9	1·440	·710	2nd	12	0	0	4	6	5	0	2	8	2	13	3	9	8	11	6
June - -	5·3	4·5	4·9	1·650	·460	23rd	12	0	0	1	7	4	0	6	10	1	4	1	9	12	7	10
July - -	5·4	4·6	5·0	2·570	1·040	8th	16	0	2	4	2	4	0	10	4	0	6	0	14	7	12	9
August - -	4·6	3·2	3·9	1·350	·460	2nd	15	0	0	4	8	0	1	5	1	0	6	5	18	8	6	13
September -	4·6	4·1	4·4	1·520	·380	26th	13	0	0	1	5	3	0	5	9	0	2	0	11	14	9	10
October - -	4·9	5·7	5·3	1·780	·340	7th	13	2	1	0	4	5	0	6	0	0	3	1	13	17	18	4
November -	7·7	6·4	7·1	3·960	·670	18th	22	3	7	0	1	13	5	10	16	2	5	0	1	8	16	2
December -	5·9	4·9	5·4	2·080	·580	12th	17	1	0	0	7	5	1	4	3	0	2	1	18	13	16	5
Year -	5·4	—	—	22·140	—	—	170	20	12	14	—	—	—	59	92	19	54	21	139	137	135	74

CRONKBOURNE (Douglas) Isle of Man.

Heights above Ground:—Barometer, 3 feet. Thermometers, 4 feet. Rain-gauge, 10½ inches.

				ins.	ins.																	
January - -	7·5	6·9	7·2	2·241	·512	31st	20	7	4	0	0	12	6	7	7	5	10	2	6	11	12	2
February - -	7·6	7·6	7·6	5·534	1·078	13th	22	5	4	0	0	14	7	1	5	3	8	7	11	13	7	1
March - -	5·1	4·6	4·9	1·047	·408	3rd	10	2	0	0	8	7	3	6	2	7	5	4	8	16	10	4
April - -	4·0	3·8	3·9	1·276	·530	17th	6	0	2	1	10	5	0	5	3	17	8	3	5	5	8	6
May - -	6·7	6·4	6·6	1·432	·318	20th	13	0	0	3	2	8	0	3	4	16	9	5	5	7	12	1
June - -	4·5	5·1	4·8	1·452	·700	23rd	8	0	0	1	5	4	2	7	2	9	13	3	3	3	14	6
July - -	6·3	6·8	6·6	3·680	·897	18th	19	0	0	3	2	7	2	6	3	10	4	2	9	11	15	2
August - -	6·8	6·2	6·5	3·775	·834	6th	18	0	0	2	4	12	2	4	4	4	9	4	9	8	13	7
September -	6·5	5·3	5·9	2·741	·570	25th	18	0	1	2	3	9	2	8	4	1	1	1	8	20	12	5
October - -	6·9	6·9	6·9	4·569	·883	7th	20	0	4	1	1	12	6	8	0	0	2	1	10	24	15	2
November -	8·1	7·5	7·8	2·216	·632	25th	17	2	3	0	0	17	8	13	10	6	4	1	6	9	11	0
December -	7·1	6·3	6·7	4·920	·483	24th	28	4	4	2	2	13	7	6	0	0	2	7	21	12	11	3
Year -	6·4	6·1	6·3	34·883	—	—	199	20	22	15	7	120	45	74	44	78	75	40	101	139	140	39

YORK

Long. 1° 5′ W. Lat. 53° 57′ N. Height above Mean Sea Level, 51 feet. Gravity Correction, + ·024 in.

1893.	Mean Pressure at 32° Fahr.	Air Temperature.									Humidity.								
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				Dep. of Wet-Bulb.			Tension of Vapour.			Percentage.		
					Min.	Max.	Min.	Day.	Max.	Day.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·975	35·7	35·7	35·7	30·5	40·7	**7·0**	**5th**	53·0	23, 31	0·9	0·9	0·9	·194	·194	·194	92	92	92
February -	29·566	39·6	39·8	39·7	35·0	45·1	25·0	28th	57·0	19th	1·2	1·3	1·3	·219	·219	·219	90	90	90
March -	30·019	41·7	44·3	43·0	34·9	55·5	25·0	19, 29	68·0	25th	2·1	2·2	2·2	·221	·243	·232	85	83	84
April -	·147	47·8	45·5	46·7	37·8	61·1	29·0	12th	75·6	24th	3·7	2·8	3·3	·247	·243	·245	75	80	78
May -	30·015	55·8	52·6	54·2	44·9	64·2	37·0	11th	72·0	11th	4·4	3·0	3·7	·329	·318	·324	73	80	77
June -	29·955	59·4	56·7	58·1	49·6	68·5	41·0	1st	83·4	18th	4·3	3·1	3·7	·379	·371	·375	75	81	78
July -	·831	61·6	58·2	59·9	52·4	68·7	45·0	28th	**85·3**	**8th**	4·6	2·8	3·7	·403	·401	·402	74	82	78
August -	·927	64·0	60·8	62·4	54·6	71·9	43·0	6th	85·0	18th	4·2	2·8	3·5	·455	·442	·449	76	83	80
September	·748	55·5	53·5	54·5	47·0	63·3	34·0	12th	74·0	5th	3·4	2·3	2·9	·347	·345	·346	79	84	82
October -	·764	48·6	48·6	48·6	42·0	57·1	27·0	31st	67·0	21st	2·2	2·0	2·1	·290	·294	·292	85	86	86
November	·916	41·8	41·5	41·7	34·5	48·0	26·0	5, 23	56·5	4th	1·7	1·8	1·8	·229	·225	·227	87	87	87
December	29·830	39·8	40·9	40·4	34·9	46·2	20·0	2nd	54·0	13th	1·4	1·5	1·5	·217	·224	·221	89	88	89
Year -	29·891	49·3	48·2	48·8	41·5	57·5	—	—	—	—	2·8	2·2	2·5	·294	·293	·294	81·7	84·7	83·2

STONYHURST

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

January -	29·645	35·9	36·5	36·2	32·7	39·6	**18·4**	**5th**	50·0	30th	1·4	1·5	1·5	·186	·189	·188	84·0	84·1	84·1
February -	·225	38·8	39·1	39·0	35·5	43·5	24·0	28th	54·3	19th	1·5	1·6	1·6	·208	·208	·208	86·0	85·7	85·9
March -	·686	42·3	42·9	42·6	37·1	50·8	24·6	19th	61·1	24th	2·4	2·4	2·4	·223	·229	·226	81·8	83·0	82·4
April -	·792	49·7	46·7	48·2	39·7	58·2	28·4	12th	69·5	24th	4·2	3·4	3·8	·263	·247	·255	73·7	77·7	75·7
May -	·670	54·7	51·9	53·3	45·9	60·8	40·2	8th	68·3	14th	4·2	3·3	3·8	·321	·306	·314	74·6	79·3	77·0
June -	·610	60·0	57·6	58·8	50·4	66·9	43·4	11th	**81·6**	**18th**	4·7	3·5	4·1	·380	·376	·378	73·2	78·9	76·1
July -	·490	60·8	58·4	59·6	53·6	66·5	49·9	23rd	80·3	7th	4·4	3·1	3·8	·400	·398	·399	75·1	81·0	78·1
August -	·593	62·3	58·8	60·6	54·6	67·8	43·7	28th	79·4	15th	3·7	2·4	3·1	·449	·429	·439	78·7	85·5	82·1
September	·424	54·8	52·7	53·8	47·9	59·2	37·8	21st	69·3	4th	2·9	1·9	2·4	·357	·355	·356	81·8	87·6	84·7
October -	·437	48·5	46·8	47·7	43·0	53·2	29·2	31st	60·2	21st	1·7	1·3	1·5	·305	·296	·301	87·8	89·6	88·7
November	·599	41·1	40·3	40·7	35·7	45·6	27·7	5, 19	54·0	17th	1·8	2·0	1·9	·225	·215	·220	85·2	83·1	84·2
December	29·486	40·5	40·4	40·5	35·9	45·1	20·7	2nd	50·3	13, 16	1·5	1·4	1·5	·224	·224	·224	87·0	86·8	86·9
Year -	29·555	49·1	47·7	48·4	42·7	54·8	—	—	—	—	2·9	2·3	2·6	·295	·289	·292	80·7	83·5	82·1

WAKEFIELD

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

January -	29·940	35·8	36·4	36·1	31·8	41·1	**12·5**	**5th**	53·6	30th	1·3	1·1	1·2	·184	·193	·189	88	90	89
February -	·531	39·6	39·3	39·5	34·4	45·7	19·6	26th	59·5	19th	1·3	1·7	1·5	·217	·207	·212	89	86	88
March -	29·980	41·1	42·4	41·7	34·5	54·4	24·4	29th	65·0	24th	1·9	0·9	1·4	·218	·251	·234	84	93	88
April -	30·105	46·9	46·3	46·6	37·0	60·1	26·7	14th	73·0	24th	2·8	2·8	2·8	·257	·250	·254	80	79	80
May -	29·968	55·0	52·4	53·7	44·5	63·2	34·5	11th	74·0	4th	3·6	2·2	2·9	·334	·335	·334	77	85	81
June -	·911	59·2	58·0	58·6	48·6	67·9	40·1	26th	82·8	18th	4·1	2·6	3·4	·379	·404	·392	75	84	79
July -	·783	60·7	58·5	59·6	51·6	68·3	43·7	23rd	80·4	7th	3·7	2·2	2·9	·415	·422	·418	78	86	82
August -	·882	64·0	59·8	61·9	53·2	71·5	47·1	28th	**86·4**	**18th**	4·6	2·4	3·5	·443	·436	·440	74	85	80
September	·710	55·9	52·6	54·3	45·9	62·5	32·0	12th	74·2	5th	3·8	2·0	2·9	·342	·343	·342	76	86	81
October -	·722	48·7	47·2	47·9	40·3	56·3	27·3	31st	69·8	21st	2·6	2·0	2·3	·279	·277	·278	81	85	83
November	·885	41·4	41·0	41·2	34·7	47·5	27·1	4th	57·1	3rd	1·7	1·8	1·8	·225	·219	·222	86	85	85
December	29·796	40·4	41·2	40·8	34·7	46·7	22·8	2nd	54·4	16th	1·6	1·8	1·7	·218	·221	·220	87	85	86
Year -	29·851	49·1	47·9	48·5	40·9	57·1	—	—	—	—	2·8	2·0	2·4	·293	·297	·295	81·3	85·8	83·6

YORK.

Heights above Ground :—Barometer, 2 feet. Thermometers, 4 feet 3 inches. Rain-gauge, 1 foot 9 inches.

1893.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	7·2	6·3	6·8	1·310	·310	29th	17	7	0	0	2	11	0	16	2	5	4	14	2	9	10	0
February -	7·2	6·1	6·7	2·370	·450	25, 26	18	3	0	0	2	12	2	4	3	6	6	15	4	16	2	0
March -	4·9	3·0	4·0	0·300	·080	16th	7	2	0	0	9	3	0	6	3	3	8	11	3	26	2	0
April -	4·4	4·3	4·4	0·540	·200	16th	8	0	0	0	11	6	0	11	6	19	5	2	3	8	5	1
May -	5·6	5·0	5·3	1·940	·740	17th	10	0	1	3	3	7	0	7	6	12	3	11	2	15	6	0
June -	5·9	4·9	5·4	1·230	·440	26th	8	0	0	3	6	8	0	5	8	18	6	9	1	9	4	0
July -	5·9	5·8	5·9	3·590	**1·390**	**3rd**	16	0	0	5	1	7	0	11	4	9	4	7	6	13	6	2
August -	4·9	4·4	4·7	2·820	·790	5th	16	0	0	4	7	3	0	8	0	5	3	14	7	19	5	1
September -	4·5	5·0	4·8	1·520	·680	26th	13	0	0	1	6	5	0	9	0	1	4	8	9	22	7	0
October -	4·1	5·8	5·0	2·040	·680	7th	13	0	0	0	7	7	0	6	0	0	1	18	13	19	5	0
November -	7·3	6·6	7·0	2·180	·530	18th	19	3	0	0	2	12	2	17	7	6	1	6	7	9	7	0
December -	6·6	5·5	6·1	2·670	·720	12th	20	2	0	0	4	8	0	5	1	0	2	25	13	14	1	0
Year -	5·7	5·2	5·5	22·510	—	—	165	17	1	16	60	89	4	105	40	84	48	140	70	179	60	4

STONYHURST.

Heights above Ground :—Barometer, —12 feet. Thermometers, 7 feet. Rain-gauge, 2 feet.

				ins.	ins.																	
January -	8·6	7·9	8·3	1·761	·330	31st	18	6	1	0	0	22	0	4	8	5	3	5	10	12	6	9
February -	9·2	7·9	8·6	5·772	1·080	13th	22	5	2	1	1	21	2	2	4	5	4	8	13	9	2	9
March -	6·1	5·1	5·6	1·698	·520	1st	14	2	2	0	10	13	0	5	7	2	0	3	14	15	2	14
April -	4·4	4·0	4·2	0·811	·244	16th	8	0	1	1	10	6	0	9	13	4	0	3	8	7	3	13
May -	7·8	6·8	7·3	2·447	·801	17th	12	0	0	5	3	14	0	5	14	5	4	7	10	6	2	9
June -	7·6	5·8	6·7	2·400	·610	26th	11	0	0	5	4	13	0	5	10	7	2	4	11	9	3	9
July -	8·1	7·1	7·6	5·053	1·063	18th	20	0	0	6	1	17	0	3	14	3	1	3	9	15	3	11
August -	8·3	5·7	7·0	6·087	**1·936**	**2nd**	19	0	1	3	2	13	0	1	7	1	2	7	14	10	1	19
September	8·1	6·6	7·4	7·201	1·465	28th	20	0	3	3	3	16	0	1	4	0	0	3	21	16	6	9
October -	7·9	6·6	7·3	7·933	1·420	3rd	22	0	4	4	2	17	0	0	4	1	2	2	18	18	4	13
November	8·9	6·8	7·9	4·557	1·384	25th	20	2	2	0	0	18	0	3	4	14	2	1	5	11	6	14
December	8·8	7·3	8·1	4·917	·780	12th	25	4	5	1	2	21	0	2	0	0	3	5	14	10	1	27
Year	7·8	6·5	7·2	50·637	—	—	211	19	21	29	38	191	2	40	89	47	23	51	147	138	39	156

WAKEFIELD.

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

				ins.	ins.																	
January -	8·7	9·2	9·0	0·820	·180	17th	11	4	0	0	0	22	0	5	4	4	1	3	6	17	8	14
February -	8·2	8·1	8·1	2·810	·520	25th	16	3	0	0	0	16	0	3	1	5	2	0	10	12	7	16
March -	8·1	6·9	7·5	0·570	·160	16th	6	1	1	0	1	15	0	1	1	0	1	1	4	24	9	21
April -	8·3	5·7	7·0	0·710	·270	1, 16	4	0	0	1	2	13	0	5	7	12	1	0	2	5	3	25
May -	7·1	6·0	6·6	2·020	**1·230**	**17th**	11	0	0	1	2	7	0	5	11	4	6	3	8	10	3	12
June -	5·5	5·0	5·2	1·730	·380	26th	11	0	0	3	1	3	0	2	8	17	1	0	8	11	0	13
July -	6·4	6·1	6·3	3·010	·440	11th	18	0	0	9	2	8	0	3	7	10	2	6	5	13	4	12
August -	5·9	5·1	5·5	1·840	·450	31st	15	0	0	3	3	6	0	2	2	2	6	6	10	10	4	20
September	6·8	6·4	6·6	1·370	·520	8th	10	0	0	0	2	13	0	1	3	1	1	0	15	15	6	18
October -	6·1	6·1	6·1	1·970	·550	7th	12	0	0	0	4	11	1	1	3	0	2	2	13	17	3	21
November	7·9	7·2	7·5	1·680	·320	1st	16	3	0	0	1	17	1	13	7	4	2	0	8	6	12	8
December	7·4	7·0	7·2	3·010	·680	12th	13	3	1	0	2	13	0	2	0	2	6	3	14	15	5	15
Year	7·2	6·6	6·9	21·540	—	—	143	14	2	17	20	144	2	43	54	61	31	24	103	155	64	195

PRESTWICH

Long. 2° 17′ W. Lat. 53° 32′ N. Height above Mean Sea Level, 294 feet. Gravity Correction, + ·022 in.

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·686	36·0	36·6	36·3	32·4	40·4	17·9	4, 5	54·5	31st	1·0	1·0	1·0	·198	·200	·199	91·2	89·0	90·1
February -	·310	39·2	39·4	39·3	34·9	44·9	25·1	25th	57·7	19th	1·0	1·1	1·1	·223	·222	·223	91·3	90·8	91·1
March -	·737	44·7	44·1	44·4	37·9	54·3	26·9	19th	66·3	25th	2·3	1·9	2·1	·247	·249	·248	83·3	85·7	84·5
April -	·827	52·6	47·3	50·0	40·7	61·0	32·8	3, 12	74·7	20th	3·8	2·1	3·0	·305	·281	·293	76·2	85·1	80·7
May -	·708	55·5	52·2	53·9	46·4	62·7	39·7	7th	73·5	13th	3·9	2·5	3·2	·339	·328	·334	77·0	83·9	80·5
June -	·649	60·8	57·3	59·1	50·1	68·5	44·9	2, 30	84·1	18th	4·6	2·2	3·4	·395	·409	·402	74·4	86·4	80·4
July -	·533	61·8	58·5	60·2	53·6	68·7	48·1	22nd	83·1	7th	3·6	1·9	2·8	·438	·434	·436	79·0	88·4	83·7
August -	·637	63·0	59·7	61·4	54·6	70·5	44·9	28th	83·5	15th	3·0	1·6	2·3	·483	·468	·476	82·7	90·2	86·5
September	·470	55·6	52·4	54·0	47·5	61·5	36·8	21, 23	72·5	4th	2·2	0·7	1·5	·386	·381	·384	86·4	95·0	90·7
October -	·484	49·2	47·5	48·4	43·2	55·7	29·9	31st	63·4	15th	1·2	0·8	1·0	·326	·316	·321	91·3	93·5	92·4
November	·636	41·4	40·4	40·9	34·6	46·7	26·1	5th	56·2	3rd	1·5	1·7	1·6	·234	·221	·228	88·2	85·7	87·0
December	29·542	40·0	40·3	40·2	34·6	45·9	19·9	2nd	53·0	15th	0·9	0·9	0·9	·231	·236	·234	91·9	92·3	92·1
Year -	29·602	50·0	48·0	49·0	42·5	56·7	—	—	—	—	2·4	1·5	2·0	·317	·312	·315	84·4	88·8	86·6

LIVERPOOL

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

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·832	37·1	37·4	37·3	32·5	40·6	16·8	5th	51·5	31st	1·1	1·0	1·1	·204	·208	·206	90·0	90·9	90·5
February -	·415	40·2	40·3	40·3	35·4	45·4	28·7	24th	56·5	19th	1·6	1·8	1·7	·220	·217	·219	86·7	85·4	86·1
March -	·875	45·0	45·9	45·5	37·3	52·7	30·1	19th	63·9	24th	3·4	3·6	3·5	·229	·234	·232	76·5	76·5	76·5
April -	·961	50·4	48·8	49·6	41·4	58·8	33·0	12th	73·9	21st	4·4	3·4	3·9	·267	·269	·268	73·0	78·4	75·7
May -	·842	55·4	53·6	54·5	46·9	61·7	37·9	25th	74·3	5th	4·3	3·1	3·7	·327	·331	·329	74·9	80·7	77·8
June -	·787	60·4	58·2	59·3	52·5	68·2	46·5	1st	84·5	18th	5·1	3·3	4·2	·376	·391	·384	71·8	80·4	76·1
July -	·671	62·2	60·3	61·3	54·7	68·8	50·6	15th	82·7	7th	4·9	3·2	4·1	·408	·426	·417	72·9	81·0	77·0
August -	·772	63·8	61·5	62·7	56·2	69·1	47·0	28th	84·3	17th	4·3	2·7	3·5	·456	·462	·459	76·3	84·0	80·2
September	·613	56·4	54·8	55·6	49·5	60·8	40·0	23rd	70·6	5th	3·7	2·4	3·1	·358	·367	·363	77·6	84·1	80·9
October -	·633	50·9	49·4	50·2	45·6	55·1	31·8	31st	66·0	21st	3·6	2·4	3·0	·291	·298	·295	76·7	82·9	79·8
November	·797	42·6	42·0	42·3	36·4	46·7	30·1	14th	57·3	3rd	2·0	2·2	2·1	·237	·225	·231	85·4	82·5	84·0
December	29·682	42·3	41·6	42·0	36·1	46·3	25·5	2nd	54·3	15th	2·3	2·1	2·2	·225	·223	·224	82·8	83·3	83·1
Year -	29·740	50·6	49·5	50·1	43·7	56·2	—	—	—	—	3·4	2·6	3·0	·300	·304	·302	78·7	82·5	80·6

TEALBY

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

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·755	33·7	34·4	34·1	29·6	38·7	12·7	3rd	52·3	31st	0·6	0·7	0·7	·183	·187	·185	91·6	91·1	91·4
February -	·370	38·2	37·6	37·9	33·6	43·3	26·7	25th	53·1	14th	1·1	1·0	1·1	·212	·208	·210	90·4	90·9	90·7
March -	·810	43·9	43·3	43·6	36·6	54·0	23·7	19th	65·5	25th	2·4	2·4	2·4	·239	·232	·236	82·9	82·5	82·7
April -	·911	48·9	47·9	48·4	38·8	59·6	30·0	14th	74·1	21st	3·6	3·5	3·6	·266	·257	·262	77·0	78·7	77·9
May -	·798	54·7	49·8	52·3	44·8	60·8	36·5	31st	72·9	4th	2·6	1·1	1·9	·359	·334	·347	83·5	92·9	88·2
June -	·738	57·9	53·7	55·8	49·3	65·0	36·8	1st	81·3	19th	2·9	1·9	2·4	·401	·363	·382	82·4	87·5	85·0
July -	·616	60·8	57·1	59·0	51·9	67·2	45·3	29th	82·1	8th	3·8	2·1	3·0	·419	·407	·413	78·6	86·6	82·6
August -	·724	63·9	59·9	61·9	54·4	72·2	43·5	6th	91·3	18th	3·9	2·7	3·3	·469	·437	·453	78·5	83·9	81·2
September	·551	54·9	52·5	53·7	46·8	62·9	35·9	22nd	73·1	4th	3·3	2·4	2·9	·347	·339	·343	79·3	84·5	81·9
October	·564	48·7	47·6	48·2	43·1	56·9	26·9	31st	66·1	16th	1·4	1·5	1·5	·315	·302	·309	89·8	89·5	89·7
November	·698	40·8	39·8	40·3	35·1	45·9	26·3	27th	55·1	3rd	1·2	1·0	1·1	·234	·228	·231	90·0	91·2	90·6
December	29·645	36·8	38·2	37·5	32·8	44·4	19·1	2nd	54·3	13th	0·7	0·8	0·8	·207	·218	·213	93·2	93·5	93·4
Year -	29·682	48·6	46·8	47·7	41·4	55·9	—	—	—	—	2·3	1·8	2·1	·304	·293	·299	84·8	87·7	86·3

PRESTWICH.

Heights above Ground:—Barometer, 26 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January - -	8·9	6·5	7·7	1·440	·250	31st	21	9	0	0	2	18	1	10	0	7	4	11	1	14	1	14
February - -	8·8	7·7	8·3	4·290	·710	13th	24	6	4	1	1	19	5	3	0	6	5	21	0	13	1	7
March - -	7·4	3·5	5·5	0·700	·200	3rd	11	1	1	0	6	8	4	4	0	6	0	7	1	20	1	23
April - -	4·8	3·3	4·1	0·790	·250	1st	6	0	1	0	10	7	0	7	0	20	1	4	0	8	1	19
May - -	7·1	6·3	6·7	2·110	·750	17th	11	0	0	2	3	14	0	4	0	18	2	7	0	12	1	18
June - -	6·5	4·4	5·5	1·920	·730	26th	11	0	0	4	7	10	0	4	0	13	1	11	0	11	1	19
July - -	7·5	6·9	7·2	3·490	·760	12th	17	0	0	4	2	16	0	5	0	8	3	15	0	15	1	15
August - -	7·5	4·0	5·8	2·490	·390	22nd	17	0	0	4	3	9	1	0	0	4	2	20	0	14	2	20
September -	7·2	5·4	6·3	4·540	·780	22nd	19	0	1	1	5	12	0	2	0	3	2	11	0	20	2	20
October - -	7·2	5·7	6·5	3·520	·520	4th	20	0	1	1	4	14	0	0	0	1	0	14	5	22	0	20
November -	7·9	6·0	7·0	2·810	·940	25th	20	3	1	0	3	15	3	15	0	8	3	7	1	11	1	14
December -	8·4	7·0	7·7	3·780	·770	12th	25	1	1	0	2	19	0	1	0	0	2	23	0	15	1	20
Year -	7·4	5·6	6·5	31·880	—	—	202	20	10	17	48	161	14	55	0	94	25	151	8	175	13	209

LIVERPOOL.

Heights above Ground:—Barometer, 13 feet. Thermometers, 4 feet Rain-gauge, 1 foot.

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January - -	6·2	6·6	6·4	1·467	·256	31st	20	6	0	0	2	10	1	4	6	8	10	4	5	20	5	0
February - -	6·8	6·8	6·8	2·873	·504	26th	21	1	1	1	3	13	4	1	4	4	17	5	10	12	3	0
March - -	4·3	5·2	4·8	0·531	·174	2nd	9	0	2	0	9	7	4	0	1	6	13	5	6	21	6	4
April - -	3·7	3·8	3·8	0·500	·307	16th	4	0	0	1	10	3	0	2	3	12	16	3	4	14	4	2
May - -	6·6	6·4	6·5	1·657	·312	19th	14	0	0	2	2	13	0	1	4	13	12	3	6	16	5	2
June - -	5·7	5·4	5·6	1·545	·594	26th	8	0	0	2	4	7	0	1	1	14	8	1	5	16	9	5
July - -	6·3	7·1	6·7	3·136	1·402	8th	16	0	0	3	0	10	1	3	6	5	10	4	4	20	10	0
August - -	5·7	5·9	5·8	2·336	·393	2nd	17	0	0	1	2	4	1	3	3	4	11	6	11	13	8	3
September -	6·3	6·6	6·5	3·401	·641	8th	18	0	1	1	4	9	0	2	1	4	4	6	17	15	9	2
October - -	5·7	6·6	6·2	2·640	·450	2nd	18	0	1	2	3	10	1	2	2	2	4	10	20	15	4	3
November -	6·9	7·3	7·1	1·420	·447	25th	17	2	1	0	1	13	2	14	9	7	2	1	10	9	6	2
December -	5·4	6·4	5·9	3·031	·489	12th	19	4	1	1	5	8	1	0	1	2	16	7	19	14	3	0
Year -	5·8	6·2	6·0	24·537	—	—	181	13	7	14	45	107	15	33	41	81	123	55	117	185	72	23

TEALBY.*

Heights above Ground:—Barometer, 9 feet. Thermometers, 5 feet. Rain-gauge, 4 feet.

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January - -	5·7	6·0	5·9	1·755	—	—	19	9	2	0	6	11	0	6	7	3	1	5	5	5	4	26
February - -	7·4	5·2	6·3	4·230	1·070	21st	19	6	1	0	4	12	3	1	4	4	4	6	11	14	3	9
March - -	4·2	2·9	3·6	0·390	·245	1st	3	1	2	0	14	5	0	3	0	5	1	1	12	8	7	25
April - -	4·7	3·3	4·0	0·373	·130	16th	6	0	0	0	9	4	0	0	22	16	3	2	5	0	5	7
May - -	6·4	4·6	5·5	0·905	·355	17th	9	0	0	2	9	12	0	2	12	10	2	1	8	3	2	22
June - -	5·5	6·1	5·8	1·010	·260	26th	6	0	0	1	7	11	1	1	9	17	4	3	4	5	5	12
July - -	6·3	6·8	6·6	2·440	1·180	8th	11	0	0	8	2	14	1	4	3	10	2	4	6	8	2	23
August - -	5·2	3·5	4·4	0·865	·260	1st	9	0	0	5	6	3	1	1	3	1	6	3	11	5	5	27
September -	5·5	4·0	4·8	0·780	·250	26th	7	0	1	2	8	7	0	4	1	3	1	4	6	18	5	18
October - -	4·4	5·3	4·9	1·005	·400	7th	10	1	2	1	8	9	1	5	1	1	0	1	13	19	2	20
November -	7·0	5·1	6·1	3·280	1·090	18th	17	6	2	0	4	9	4	7	14	6	2	1	5	8	1	16
December -	6·8	4·4	5·6	2·245	·500	20th	12	1	1	1	8	11	2	3	2	0	0	6	22	4	3	22
Year -	5·8	4·8	5·3	19·278	— *	—	128 *	24	11	20	85	108	13	37	78	76	26	37	108	97	44	227

* The numbers of rainy days, and the amounts and dates of the extreme rainfall are doubtful.

SHEFFIELD

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

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·555	36·8	36·9	36·9	32·6	40·3	18·1	5th	52·1	31st	1·5	1·2	1·4	·192	·199	·196	83·6	86·8	85·2
February -	·157	39·8	39·0	39·4	34·9	44·6	27·5	26th	57·3	19th	1·3	1·0	1·2	·222	·221	·222	88·3	90·8	89·6
March -	·603	46·2	44·8	45·5	38·1	54·6	26·6	19th	66·4	24th	3·2	2·7	3·0	·245	·241	·243	78·6	81·0	79·8
April -	·717	48·4	46·9	47·7	38·9	59·1	32·6	12, 14	72·8	20th	3·5	2·7	3·1	·263	·263	·263	77·4	82·0	79·7
May -	·592	55·4	51·9	53·7	45·4	62·4	37·3	7th	72·9	4th	4·1	2·0	3·1	·333	·337	·335	75·7	86·5	81·1
June -	·534	59·0	57·9	58·5	50·0	66·7	41·8	1st	80·9	18th	3·9	2·5	3·2	·389	·409	·399	78·1	84·7	81·4
July -	·415	61·3	58·7	60·0	52·8	67·8	46·5	28th	82·9	8th	3·4	1·9	2·7	·437	·439	·438	80·6	88·6	84·6
August -	·520	65·3	60·6	63·0	54·8	71·5	44·5	6th	86·4	18th	4·1	1·9	3·0	·488	·473	·481	77·5	88·0	82·8
September	·348	56·3	53·3	54·8	47·9	62·0	37·9	23rd	73·3	4th	3·0	1·5	2·3	·374	·372	·373	81·3	89·6	85·5
October -	·367	50·7	48·1	49·4	43·7	56·8	30·1	31st	68·2	15th	2·2	1·1	1·7	·320	·316	·318	85·4	91·7	88·6
November	·503	41·4	40·8	41·1	35·7	46·6	27·9	23rd	58·8	3rd	1·0	1·2	1·1	·243	·235	·239	91·7	89·8	90·8
December	29·423	40·6	41·0	40·8	35·3	46·1	23·2	2nd	54·3	16th	1·2	1·3	1·3	·232	·233	·233	90·3	88·6	89·5
Year -	29·478	50·1	48·3	49·2	42·5	56·5	—	—	—	—	2·7	1·8	2·3	·312	·312	·312	82·4	87·3	84·9

LLANDUDNO

Long. 3° 50′ W. Lat. 53° 21′ N. Height above Mean Sea Level, 88 feet. Gravity Correction, + ·022 in.

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·941	39·0	39·5	39·3	35·7	42·6	25·0	4th	53·2	30th	1·8	1·8	1·8	·202	·207	·205	85	86	86
February -	·514	42·5	41·6	42·0	37·7	46·6	28·6	28th	58·5	19th	2·3	2·2	2·3	·224	·217	·220	82	83	82
March -	29·985	47·5	45·8	46·7	40·8	53·1	30·8	19th	68·0	29th	3·5	3·2	3·3	·248	·237	·243	75	77	76
April -	30·054	52·1	50·5	51·3	43·9	59·5	35·0	13th	78·9	21st	4·3	3·5	3·9	·281	·280	·280	72	76	74
May -	29·941	56·0	54·4	55·2	49·1	62·3	42·0	8th	71·2	5th	4·4	3·4	3·9	·328	·331	·330	73	78	76
June -	·891	60·8	58·4	59·6	52·8	66·2	43·2	1st	74·0	18th	4·8	3·4	4·1	·385	·386	·385	72	79	75
July -	·773	62·1	59·8	60·9	55·5	67·4	52·0	15, 29	79·0	6th	4·6	3·6	4·1	·412	·404	·408	74	79	77
August -	·871	63·5	61·9	62·7	57·7	69·0	45·8	28th	82·4	9th	4·9	3·6	4·3	·425	·436	·431	73	79	76
September	·726	57·3	56·1	56·7	51·7	61·7	44·0	23rd	71·5	4th	4·0	3·0	3·5	·356	·364	·360	76	81	78
October -	·739	52·6	51·0	51·8	47·5	57·0	31·5	31st	69·8	21st	3·6	2·7	3·1	·304	·305	·304	77	82	80
November	·914	44·8	44·0	44·4	39·2	48·2	29·8	18th	56·8	4th	2·5	3·1	2·8	·241	·223	·232	81	77	79
December	29·784	44·6	43·9	44·3	39·6	48·6	32·4	2nd	55·0	24th	2·6	2·5	2·6	·238	·232	·235	81	81	81
Year -	29·844	51·9	50·6	51·2	45·9	56·9	—	—	—	—	3·6	3·0	3·3	·304	·302	·303	76·8	79·8	78·3

BUXTON

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	28·943	33·2	33·7	33·5	27·5	38·1	− 0·4	5th	50·2	31st	0·9	1·0	1·0	·170	·173	·172	90	90	90
February -	28·582	37·7	36·9	37·3	32·0	42·4	17·5	28th	54·4	19th	1·5	1·4	1·4	·196	·192	·194	87	88	88
March -	29·022	44·6	39·4	42·0	32·9	52·0	24·7	18th	62·9	24, 25, 26, 30.	2·7	1·6	2·2	·235	·209	·222	80	87	83
April -	·122	51·3	43·3	47·3	35·0	59·3	24·0	3rd	73·3	20, 21	5·4	2·1	3·7	·250	·235	·242	66	84	75
May -	29·014	53·8	48·5	51·1	42·1	61·4	31·4	11th	72·1	13th	3·9	2·0	3·0	·312	·292	·302	75	85	80
June -	28·963	58·2	53·9	56·1	45·1	66·3	34·3	1st	81·3	17, 18	4·5	1·9	3·2	·356	·362	·359	73	87	80
July -	·843	59·5	55·4	57·4	49·7	66·6	41·7	17th	80·5	7th	3·5	1·5	2·5	·401	·396	·399	79	90	85
August -	·954	62·7	57·5	60·1	51·5	69·6	40·8	29th	83·0	18th	3·3	1·3	2·3	·457	·433	·445	80	92	86
September	·775	54·1	49·9	52·0	44·0	60·0	30·2	12th	71·1	4th	3·1	1·6	2·3	·335	·318	·327	80	88	84
October -	·794	49·3	45·1	47·2	40·5	53·9	25·1	31st	63·1	15th	2·8	1·6	2·2	·281	·263	·272	80	87	83
November	·913	39·5	37·8	38·7	32·3	44·4	21·8	5th	53·1	3rd	1·1	1·1	1·1	·220	·205	·213	91	90	91
December	28·841	38·0	37·9	37·9	32·4	43·6	12·3	2nd	50·0	15th	1·1	1·4	1·3	·207	·200	·203	90	88	89
Year	28·897	48·5	44·9	46·7	38·8	54·8	—	—	—	—	2·8	1·5	2·2	·285	·273	·279	80·9	88·0	84·5

SHEFFIELD.

Heights above Ground:—Barometer, 21 feet. Thermometers, 4 feet 3 inches. Rain-gauge, 1 foot.

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	7·3	6·8	7·1	1·864	·300	6th	18	7	0	0	0	10	0	9	5	3	2	3	11	11	13	5
February -	7·0	7·2	7·1	4·435	·720	25th	24	6	1	1	0	8	3	2	3	3	3	10	15	15	2	3
March -	6·0	5·2	5·6	0·781	·320	1st	6	2	0	0	0	5	0	4	3	2	4	2	14	17	7	9
April -	6·6	5·9	6·3	0·761	·360	16th	5	0	0	0	0	6	0	12	15	4	6	2	4	6	3	8
May -	6·3	5·6	6·0	2·915	2·100	17th	10	0	0	2	0	3	0	5	18	4	7	5	7	5	3	8
June -	7·3	5·8	6·6	1·350	·695	26th	10	0	0	1	0	7	0	1	17	10	9	3	5	7	5	3
July -	6·5	6·0	6·3	3·041	·500	12th	18	0	0	5	0	4	0	6	9	4	9	6	7	10	6	5
August -	5·9	4·5	5·2	1·595	·310	9th	12	0	0	3	0	2	0	3	1	0	3	8	21	5	12	9
September	6·1	5·1	5·6	1·216	·285	28th	12	0	1	2	0	4	0	3	4	1	8	11	14	11	6	2
October -	5·9	5·5	5·7	1·804	·470	10th	16	0	0	0	1	6	0	2	0	3	4	6	27	8	8	4
November	8·0	6·5	7·3	1·915	·325	17th	19	2	0	0	0	11	1	13	14	0	2	4	10	7	7	3
December	6·5	5·7	6·1	4·076	·876	20th	22	2	1	1	1	6	0	3	0	0	5	8	28	9	7	2
Year -	6·6	5·8	6·2	25·753	—	—	172	19	3	15	2	72	4	63	89	34	62	68	163	111	79	61

LLANDUDNO.

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

				ins.	ins.																	
January -	6·5	5·7	6·1	1·470	·270	31st	19	8	0	0	3	11	3	2	7	11	1	1	11	13	16	0
February -	6·6	4·3	5·5	2·470	·430	25th	20	1	0	0	5	8	5	0	3	8	2	0	25	16	2	0
March -	3·8	1·6	2·7	0·770	·200	2nd	7	0	0	0	16	2	1	0	2	3	0	1	18	14	24	0
April -	3·1	1·7	2·4	0·870	·470	16th	5	0	1	0	16	1	0	1	15	6	2	3	23	3	7	0
May -	4·9	4·4	4·6	1·750	·480	1st	11	0	0	0	10	7	0	11	4	6	0	0	3	23	15	0
June -	3·9	4·3	4·1	2·140	·690	26th	7	0	0	1	10	5	0	6	8	10	0	2	12	11	11	0
July -	5·0	4·5	4·8	2·500	1·210	8th	12	0	0	0	7	5	0	4	3	7	1	1	18	9	19	0
August -	6·1	3·6	4·8	1·450	·260	2nd	12	0	0	0	5	3	1	3	5	0	4	2	22	13	13	0
September	6·2	3·5	4·9	2·875	·630	20th	23	0	1	0	6	6	1	1	2	2	1	1	24	17	12	0
October -	6·2	5·4	5·8	3·400	·340	14th	21	0	0	0	2	8	2	2	6	0	1	0	19	20	14	0
November	8·0	5·4	6·7	3·330	·520	16th	17	1	0	0	2	11	6	2	9	22	0	0	17	9	1	0
December	6·9	3·8	5·3	3·570	·600	12th	19	1	1	0	5	7	3	0	2	0	1	2	34	13	10	0
Year -	5·6	4·0	4·8	26·595	—	—	173	11	3	1	87	74	22	32	66	75	13	13	226	161	144	0

BUXTON.

Heights above Ground:—Barometer, 8 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

				ins.	ins.																	
January -	7·6	7·9	7·8	3·695	·660	26th	21	14	0	0	0	17	0	2	6	6	10	3	12	8	11	4
February -	7·7	6·5	7·1	6·880	1·150	9th	23	8	1	0	1	13	1	3	6	1	8	6	15	1	7	9
March -	4·8	3·3	4·0	1·380	·400	4th	9	2	0	0	13	5	0	0	2	3	5	4	8	21	6	13
April -	3·2	3·0	3·1	0·970	·350	16th	5	0	1	0	15	3	1	1	3	16	2	3	3	12	3	17
May -	6·1	4·7	5·4	3·320	1·350	17th	12	0	0	2	5	9	0	2	4	9	7	8	4	8	7	13
June -	6·4	5·5	6·0	2·890	1·000	26th	9	0	0	2	5	11	2	0	2	17	1	6	4	8	8	14
July -	6·5	6·4	6·4	3·510	·590	11th	18	0	0	2	2	10	0	1	9	5	4	5	8	15	7	8
August -	5·5	3·2	4·4	2·760	·470	2nd	17	0	0	2	8	3	0	0	3	3	1	3	20	6	10	16
September	6·7	5·3	6·0	3·830	·680	22nd	17	0	1	3	3	10	0	1	0	7	2	3	14	15	6	12
October -	6·1	4·7	5·4	3·140	·610	10th	20	0	2	0	5	7	0	0	1	0	2	2	20	19	1	17
November	8·2	6·0	7·1	3·700	·770	25th	22	6	1	0	1	11	0	5	8	4	2	1	11	13	12	4
December	7·3	6·0	6·6	6·130	1·100	12th	18	5	0	0	5	14	0	0	1	3	1	7	17	12	5	16
Year -	6·3	5·2	5·8	42·205	—	—	191	35	6	11	63	113	4	15	45	74	45	51	136	138	83	143

CHEADLE

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

1893.	Mean Pressure at 32° Fahr.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·347	33·7	34·3	34·0	30·7	38·9	17·9	3rd	50·7	31st	0·7	0·7	0·7	·179	·184	·182	93	93	93
February -	28·964	36·9	37·4	37·2	33·5	43·2	26·8	25, 28	55·1	19th	0·9	1·0	1·0	·201	·204	·202	92	91	92
March -	29·405	43·0	43·5	43·2	36·9	54·0	26·5	19th	63·7	25th	2·4	2·9	2·6	·226	·221	·224	82	78	80
April -	·485	48·1	47·2	47·7	39·6	60·4	30·8	14th	74·1	24th	4·0	3·3	3·7	·244	·249	·246	73	77	75
May -	·370	53·0	51·0	52·0	45·2	61·9	37·8	7th	71·6	13th	3·2	2·1	2·6	·318	·319	·319	79	85	82
June -	·323	57·2	56·9	57·0	49·4	66·9	41·5	1st	81·6	17th	3·9	3·5	3·7	·357	·362	·359	76	78	77
July -	·211	59·1	57·3	58·2	52·6	66·4	47 0	22nd	82·0	7th	3·2	2·6	2·9	·403	·394	·399	80	84	82
August -	·329	61·6	59·4	60·5	54·0	69·9	43·4	6th	82·5	18th	3·7	3·1	3·4	·428	·410	·419	78	81	79
September	·161	53·5	51·7	52·6	46·8	61·0	36·8	21st	70·6	4th, 5th	2·6	2·0	2·3	·339	·331	·335	83	86	85
October -	·178	47·7	46·1	46·9	42·0	55·1	26·6	31st	64·2	16, 21	1·8	1·5	1·7	·287	·276	·281	87	88	87
November	·296	38·9	38·5	38·7	33·7	45·1	24·5	19th	57·3	3rd	1·2	1·3	1·2	·212	·208	·210	90	89	90
December	29·232	37·7	38·3	38·0	33·0	44·7	19·8	2nd	51·3	13th	0·8	0·8	0·8	·210	·215	·213	93	93	93
Year -	29·275	47·5	46·8	47·2	41·5	55·6	—	—	—	—	2·4	2·1	2·2	·284	·281	·282	83·8	85·3	84·6

HILLINGTON

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·932	33·2	34·0	33·6	29·1	39·3	8·0	4th	51·3	31st	0·8	0·6	0·7	·177	·185	·181	90·4	93·0	91·7
February -	29·573	38·9	37·7	38·3	34·0	44·8	25·2	6th	58·4	19th	1·2	1·1	1·2	·216	·206	·211	89·6	89·6	89·6
March -	30·003	43·9	41·4	42·7	33·9	56·0	24·9	20th	66·7	30th	2·9	2·1	2·5	·228	·220	·224	79·6	83·5	81·6
April -	30·081	50·9	43·9	47·4	37·4	60·8	24·7	14th	76·6	21st	5·0	2·5	3·8	·259	·237	·248	69·9	82·7	76·3
May -	29·963	57·1	50·9	54·0	44·5	64·6	37·0	7th	73·6	4th	4·4	1·7	3·1	·348	·333	·341	74·2	88·5	81·4
June -	·907	61·3	55·0	58·2	48·7	69·9	36·3	1st	86·0	19th	5·4	2·9	4·2	·383	·356	·370	71·2	82·6	76·9
July -	·790	62·8	57·9	60·4	52·6	70·6	41·5	28th	90·4	8th	5·0	2·3	3·7	·415	·413	·414	73·3	86·2	79·8
August -	·911	65·1	60·1	62·6	53·6	73·7	41·4	29th	89·3	18th	4·7	2·6	3·7	·463	·442	·453	74·8	84·6	79·7
September	·737	56·2	51·6	53·9	45·1	65·2	35·0	10th	77·8	6th	3·0	1·8	2·4	·370	·344	·357	81·6	88·6	85·1
October -	·762	49·8	47·6	48·7	42·6	57·9	28·1	30th	66·3	16th	1·8	1·5	1·7	·317	·299	·308	87·8	89·2	88·5
November	·877	41·1	40·9	41·0	35·8	47·6	23·0	5th	57·7	3rd	1·4	1·3	1·4	·234	·233	·234	89·4	89·6	89·5
December	29·853	37·7	37·9	37·8	32·5	44·7	20·0	3rd	55·6	13th	0·9	1·0	1·0	·211	·212	·212	92·4	91·9	92·2
Year -	29·866	49·8	46·6	48·2	40·8	57·9	—	—	—	—	3·0	1·8	2·4	·302	·290	·296	81·2	87·5	84·4

UPPINGHAM

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·502	33·5	34·5	34·0	30·5	38·8	18·2	2nd	50·4	31st	0·7	0·9	0·8	·183	·185	·184	92·1	89·4	90·8
February -	·132	38·0	37·8	37·9	33·9	43·7	27·2	6th	55·9	19th	1·0	1·2	1·1	·211	·205	·208	89·8	88·7	89·3
March -	·572	44·6	43·5	44·1	36·1	55·7	26·8	19th	65·9	25,29,30	2·8	3·0	2·9	·236	·224	·230	79·6	78·6	79·1
April -	·649	49·2	45·8	47·5	38·9	64·4	30·0	14th	79·3	20th	2·8	1·9	2·4	·287	·270	·279	81·3	86·8	84·1
May -	·534	55·5	51·3	53·4	45·1	64·8	35·1	7th	74·4	13th	3·6	2·2	2·9	·346	·324	·335	78·5	85·2	81·9
June -	·482	60·5	55·7	58·1	49·5	70·5	39·9	1st	85·1	17th	3·9	2·1	3·0	·412	·388	·400	78·2	87·1	82·7
July -	·369	61·4	57·8	59·6	53·0	69·6	46·6	28th	83·9	7th	4·3	2·6	3·5	·414	·405	·410	76·3	84·6	80·5
August -	·487	64·4	60·1	62·3	54·8	72·9	44·9	6th	90·2	18th	4·3	2·9	3·6	·464	·435	·450	76·4	82·6	79·5
September	·318	55·5	52·1	53·8	47·5	63·3	38·1	21, 24	75·6	6th	2·9	1·9	2·4	·366	·347	·357	82·2	87·6	84·9
October -	·343	48·8	47·3	48·1	43·2	55·9	29·5	31st	64·0	16, 21	1·6	1·4	1·5	·310	·299	·305	88·3	89·2	88·8
November	·445	39·2	38·9	39·1	34·2	45·3	27·1	23rd	56·7	3rd	1·2	1·5	1·4	·219	·211	·215	89·1	86·8	88·0
December	29·410	37·5	38·2	37·9	32·8	44·6	21·5	2nd	54·0	13th	1·0	1·2	1·1	·206	·209	·208	89·9	88·6	89·3
Year -	29·437	49·0	46·9	48·0	41·6	57·5	—	—	—	—	2·5	1·9	2·2	·305	·292	·299	83·5	86·3	84·9

CHEADLE.

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

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January - -	7·8	6·6	7·2	2·350	·520	29th	23	11	1	0	3	17	0	5	7	8	2	4	6	11	13	6
February - -	7·4	7·3	7·4	3·210	·450	25th	25	4	0	0	3	15	3	3	3	7	5	14	4	11	6	3
March - -	5·5	3·5	4·5	0·780	·130	4th	11	2	2	0	11	8	3	4	0	10	5	5	7	10	11	10
April - -	4·0	2·8	3·4	0·530	·230	16th	4	0	1	1	13	4	1	0	4	29	7	2	2	7	7	2
May - -	6·7	4·2	5·4	2·280	·730	17th	10	0	1	4	6	9	0	7	2	18	4	9	2	6	11	3
June - -	5·7	4·2	5·0	1·400	·590	26th	8	0	0	2	6	5	0	7	2	22	4	4	2	7	6	6
July - -	7·2	6·2	6·7	4·960	1·970	3rd	19	0	1	6	1	10	0	6	4	10	4	7	4	6	14	7
August - -	5·9	4·6	5·2	2·800	1·120	31st	15	0	0	4	3	6	0	7	1	3	5	8	7	10	11	10
September -	6·3	4·7	5·5	2·760	·800	8th	14	0	3	2	4	8	1	1	1	3	3	6	12	15	11	8
October - -	5·0	5·0	5·0	1·730	·520	10th	14	0	0	2	9	8	0	3	0	1	2	3	19	21	9	4
November -	7·7	5·8	6·8	1·470	·290	25th	16	4	0	0	4	13	5	6	9	8	1	2	5	12	13	4
December -	7·6	6·0	6·8	3·100	·950	12th	22	2	0	0	7	17	2	5	2	1	7	12	11	10	12	2
Year -	6·4	5·1	5·7	27·370	—	—	181	23	9	21	70	120	15	54	35	120	49	76	81	126	124	65

HILLINGTON.

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

				ins.	ins.																	
January - -	7·6	6·5	7·1	2·015	·350	31st	24	14	0	0	2	15	0	4	9	7	5	6	15	7	9	0
February - -	6·9	5·0	6·0	3·202	1·050	21st	17	3	0	0	5	10	2	1	5	1	8	7	25	5	4	0
March - -	5·2	3·2	4·2	0·271	·090	1st	6	1	0	1	11	6	0	2	3	3	9	6	16	11	12	0
April - -	4·9	4·6	4·8	0·119	·090	16th	4	0	0	0	8	7	0	3	15	14	17	0	5	0	6	0
May - -	5·6	4·5	5·1	0·634	·158	17th	7	0	0	3	6	8	0	3	16	7	9	4	11	3	9	0
June - -	6·4	5·3	5·9	1·556	·658	4th	8	0	0	4	8	11	1	1	19	9	11	0	8	6	6	0
July - -	6·9	6·8	6·9	4·349	1·190	10th	18	0	0	8	2	11	0	3	8	9	9	3	10	6	14	0
August - -	6·6	4·7	5·7	1·425	·330	3rd	15	0	0	6	2	7	0	4	10	1	7	4	22	7	7	0
September -	5·8	5·0	5·4	0·927	·220	8th	13	0	1	2	5	6	0	2	8	1	0	0	27	8	14	0
October - -	6·3	6·0	6·2	1·966	·630	9th	18	0	0	1	4	12	1	2	3	0	2	4	27	10	14	0
November -	7·7	7·2	7·5	4·061	·947	18th	21	6	3	0	1	15	4	5	16	5	2	5	14	8	5	0
December -	7·2	5·3	6·3	1·913	·327	1st	21	1	1	0	3	12	2	1	1	0	2	14	32	4	8	0
Year -	6·4	5·3	5·9	22·438	—	—	172	25	5	25	57	120	10	31	113	57	81	53	212	75	108	0

UPPINGHAM.

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

January - -	8·3	6·3	7·3	1·399	·309	26th	21	14	0	0	0	15	0	11	7	5	3	9	3	6	17	1
February - -	8·0	6·9	7·5	1·969	·360	21st	20	5	2	0	2	15	4	7	3	0	2	15	16	8	4	1
March - -	5·8	3·0	4·4	0·159	·042	17th	6	1	0	0	11	7	0	2	2	4	1	9	19	13	9	3
April - -	5·3	3·9	4·6	0·374	·177	16th	5	1	1	1	9	7	0	5	20	7	5	3	7	2	4	7
May - -	6·2	4·9	5·6	1·299	·796	17th	9	0	0	5	4	8	0	10	10	3	5	5	6	8	4	11
June - -	5·9	4·7	5·3	0·997	·295	22nd	6	0	1	1	7	9	0	5	9	10	3	4	4	7	7	11
July - -	7·4	7·0	7·2	2·254	·827	2nd	16	0	0	5	2	17	0	5	4	4	1	6	13	11	8	10
August - -	6·6	3·8	5·2	1·917	·504	11th	13	0	0	3	2	4	0	4	1	0	1	6	19	9	11	11
September -	6·6	5·1	5·9	1·821	·959	8th	12	0	2	3	2	9	0	2	4	1	0	2	15	13	12	11
October - -	5·4	6·3	5·9	2·560	·734	7th	13	0	2	4	6	13	0	5	0	1	1	6	20	17	6	6
November -	8·3	6·3	7·3	1·865	·345	17th	16	5	1	0	2	16	4	14	10	5	0	5	8	7	8	3
December -	6·9	4·9	5·9	1·236	·250	12th	19	2	0	0	6	10	4	5	0	0	1	15	20	11	6	4
Year -	6·7	5·3	6·0	17·850	—	—	156	28	9	22	53	130	12	75	70	40	23	85	150	112	96	79

CHURCHSTOKE

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

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·458	34·8	35·0	34·9	30·5	40·2	15·5	5th	52·5	30th	1·0	1·0	1·0	·187	·190	·189	89·9	89·4	89·7
February -	·067	39·6	38·8	39·2	34·5	45·2	24·0	25th	56·4	19th	1·5	1·4	1·5	·218	·211	·215	87·5	88·1	87·8
March -	·518	44·3	42·6	43·5	34·7	55·7	21·6	19th	66·3	12th	3·0	2·8	2·9	·232	·219	·226	78·7	79·2	79·0
April -	·580	49·0	46·1	47·6	36·5	60·9	22·0	13th	75·9	21st	3·6	2·6	3·1	·271	·259	·265	76·9	82·4	79·7
May -	·473	56·4	51·3	53·9	44·0	64·0	34·0	11th	75·1	5th	4·7	2·7	3·7	·329	·313	·321	72·6	82·8	77·7
June -	·425	60·0	55·3	57·7	47·4	69·2	33·4	1st	81·7	17th	4·7	2·7	3·7	·383	·365	·374	74·0	83·0	78·5
July -	·321	61·2	57·1	59·2	52·0	68·5	44·0	15th	81·9	7th	4·7	2·7	3·7	·397	·390	·394	73·9	83·6	78·8
August -	·431	63·4	58·9	61·2	52·6	71·7	37·8	29th	85·9	15th	4·3	2·3	3·3	·449	·435	·442	77·0	85·9	81·5
September	·278	55·8	50·4	53·1	44·8	62·8	32·8	21st	73·9	5th	3·4	1·4	2·4	·357	·335	·346	79·3	90·1	84·7
October -	·292	49·6	46·0	47·8	40·7	56·4	24·8	31st	69·1	21st	2·3	1·4	1·9	·303	·286	·295	84·2	90·0	87·1
November	·426	40·7	39·3	40·0	33·2	45·8	22·2	5th	56·2	3rd	1·6	1·4	1·5	·226	·218	·222	86·8	87·9	87·4
December	29·345	40·5	39·3	39·9	34·2	46·2	17·0	2nd	52·9	15th	1·5	1·2	1·4	·224	·220	·222	87·6	89·5	88·6
Year -	29·385	49·6	46·7	48·2	40·4	57·2	—	—	—	—	3·0	2·0	2·5	·298	·287	·293	80·7	86·0	83·4

GELDESTON

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·987	33·9	34·6	34·3	29·2	39·5	12·8	4th	51·7	31st	0·6	0·7	0·7	·189	·193	·191	92·9	93·1	93·0
February -	29·644	40·3	38·9	39·6	34·6	46·1	24·9	6th	57·1	19th	1·0	1·0	1·0	·233	·220	·227	91·5	92·1	91·8
March -	30·065	45·1	42·6	43·9	33·6	54·8	25·2	30th	67·6	31st	2·6	2·0	2·3	·246	·235	·241	81·7	85·4	83·6
April -	·143	51·0	43·9	47·5	36·8	57·2	27·3	4th	69·9	20th	4·9	2·2	3·6	·262	·242	·252	71·6	84·8	78·2
May -	30·023	57·0	50·8	53·9	44·8	62·7	36·9	31st	73·4	12th	4·7	1·7	3·2	·339	·330	·335	72·9	88·1	80·5
June -	29·970	60·6	54·4	57·5	48·0	66·1	34·9	3rd	83·1	19th	4·6	2·0	3·3	·396	·370	·383	74·5	87·2	80·9
July -	·850	63·8	58·2	61·0	52·7	69·3	44·1	28th	84·7	8th	5·2	2·2	3·7	·427	·422	·425	72·1	86·5	79·3
August -	·979	66·0	60·8	63·4	53·9	73·5	43·0	29th	89·8	18th	5·1	2·9	4·0	·468	·447	·458	73·9	83·5	78·7
September	·799	58·2	53·7	56·0	46·0	65·9	37·2	13th	78·6	6th	3·9	2·5	3·2	·377	·352	·365	76·6	84·1	80·4
October -	·834	51·7	48·9	50·3	43·3	59·1	30·8	31st	66·9	1st	2·2	1·6	1·9	·333	·314	·324	85·2	89·0	87·1
November	·912	42·3	42·4	42·4	36·3	47·6	25·9	24th	56·9	3rd	1·7	1·4	1·6	·238	·244	·241	86·7	89·3	88·0
December	29·936	38·6	39·5	39·1	33·2	45·5	20·2	3rd	56·5	13th	0·7	0·8	0·8	·223	·231	·227	93·3	93·4	93·4
Year -	29·929	50·7	47·4	49·1	41·0	57·3	—	—	—	—	3·1	1·8	2·5	·311	·300	·306	81·1	88·0	84·6

BENNINGTON

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·622	33·2	34·1	33·7	30·1	38·6	17·5	5th	50·9	31st	0·6	0·6	0·6	·176	·184	·180	93	94	94
February -	·289	38·5	38·3	38·4	34·3	45·1	22·3	6th	57·1	19th	1·0	1·4	1·2	·213	·204	·209	91	88	89
March -	·698	44·8	43·4	44·1	35·8	55·9	25·3	19th	65·4	30th	3·5	3·6	3·6	·222	·208	·215	75	74	75
April -	·745	51·0	46·5	48·7	38·7	63·2	31·7	14th	78·6	20th	5·4	4·2	4·8	·247	·225	·236	66	71	68
May -	·644	57·2	52·7	55·0	45·1	66·6	37·5	8th	76·8	15th	5·8	3·6	4·7	·312	·305	·308	67	76	72
June -	·598	60·7	57·5	59·1	49·1	71·4	39·8	1st	87·1	19th	6·5	5·2	5·8	·342	·330	·336	64	70	67
July -	·488	63·0	58·8	60·9	53·1	71·4	45·7	15, 28	85·9	8th	5·9	3·9	4·9	·388	·379	·384	67	76	71
August -	·618	64·9	61·0	62·9	54·4	73·7	44·1	29th	90·9	18th	5·5	4·5	5·0	·431	·397	·414	70	74	72
September	·455	56·6	53·3	55·0	47·8	64·7	38·1	23rd	77·0	6th	4·1	2·7	3·4	·344	·334	·339	75	82	79
October -	·485	50·3	47·9	49·1	43·4	57·1	29·9	31st	64·8	21st	2·4	1·7	2·1	·304	·292	·298	83	87	85
November	·558	40·1	39·7	39·9	34·6	45·9	27·3	1st	58·5	3rd	1·6	1·4	1·5	·215	·216	·215	87	89	88
December	29·568	38·2	38·8	38·5	32·9	44·9	21·4	2, 3	55·3	13th	1·1	1·0	1·0	·208	·216	·212	90	92	91
Year -	29·564	49·9	47·7	48·8	41·6	58·2	—	—	—	—	3·6	2·8	3·2	·284	·274	·279	77·3	81·1	79·2

CHURCHSTOKE.

Heights above Ground:—Barometer, 12 feet. Thermometers, 4 feet. Rain-gauge, 1 foot 6 inches.

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	7·5	6·5	7·0	2·027	·500	26th	18	5	0	0	1	12	0	6	6	9	3	2	4	14	12	6
February -	7·5	6·9	7·2	4·157	·850	25th	23	5	1	0	3	14	1	3	0	7	9	2	7	20	8	0
March -	4·3	2·8	3·6	0·508	·120	15th	8	1	0	0	15	5	0	5	2	6	6	2	6	18	7	10
April -	4·5	2·7	3·6	0·188	·147	16th	5	0	0	1	14	5	0	6	5	9	8	1	1	10	8	12
May -	7·3	5·3	6·3	2·335	·650	19th	12	0	0	1	3	13	0	1	1	8	16	8	9	10	7	2
June -	6·5	4·9	5·7	1·139	·288	26th	11	0	0	3	6	10	0	4	1	5	7	1	16	10	13	3
July -	8·3	7·7	8·0	1·726	·395	11th	14	0	0	5	0	18	0	2	4	4	8	3	8	15	18	0
August -	7·1	4·1	5·6	1·930	·370	22nd	12	0	0	1	4	8	0	2	0	0	6	7	14	15	10	8
September	6·9	4·7	5·8	1·643	·344	7th	18	0	1	1	1	6	0	1	1	4	3	3	6	26	11	5
October -	6·7	6·4	6·6	3·721	·751	13th	18	0	0	0	3	11	0	1	0	0	4	2	17	27	6	5
November	8·7	6·8	7·8	1·599	·290	25th	17	4	0	0	2	19	0	6	15	4	1	1	8	11	11	3
December	8·0	6·7	7·4	4·772	·876	12th	22	3	1	0	2	16	0	1	0	2	3	2	19	19	7	9
Year -	6·9	5·5	6·2	25·745	—	—	178	18	3	12	54	137	1	38	35	58	74	34	115	195	118	63

GELDESTON.

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

				ins.	ins.																	
January -	7·7	7·9	7·8	2·080	·440	26th	25	12	3	0	0	16	0	3	8	5	2	8	8	23	3	2
February -	7·5	4·9	6·2	2·360	·540	21st	18	4	2	0	3	10	2	2	5	1	7	4	15	19	3	0
March -	5·0	3·5	4·3	0·270	·190	1st	6	2	1	0	10	8	0	1	1	10	5	3	8	28	5	1
April -	5·0	4·0	4·5	0·110	·070	16th	3	0	1	0	11	6	0	6	16	22	5	1	2	6	1	1
May -	6·4	5·8	6·1	1·280	·890	21st	8	0	0	1	4	12	0	10	11	12	5	8	5	7	4	0
June -	6·2	5·8	6·0	1·170	·460	4th	10	0	0	4	8	15	0	11	10	14	4	0	8	11	1	1
July -	7·7	5·2	6·5	1·830	·240	8, 11	20	0	0	8	3	11	0	8	6	8	5	7	7	11	9	1
August -	6·0	4·3	5·2	1·140	·280	4th	16	0	0	4	5	6	0	8	1	6	3	9	11	20	3	1
September	7·5	5·6	6·6	0·660	·250	26th	9	0	0	2	1	10	0	5	4	5	0	5	18	18	5	0
October -	6·3	5·2	5·8	1·790	·400	21st	18	0	1	0	4	10	0	0	1	3	2	4	19	25	7	1
November	6·6	7·1	6·9	3·490	·800	18th	25	4	3	0	3	13	1	9	10	7	2	2	13	12	5	0
December	7·1	5·6	6·4	1·910	·450	20th	19	1	0	0	5	13	2	4	0	0	2	9	18	25	2	2
Year -	6·6	5·4	6·0	18·090	—	—	177	23	11	19	57	130	5	67	73	93	42	60	132	205	48	10

BENNINGTON.

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

				ins.	ins.																	
January -	8·1	6·8	7·5	1·690	·360	26th	21	12	4	0	3	18	0	5	8	5	4	7	12	17	1	3
February -	7·8	5·9	6·8	2·910	·690	21st	21	9	2	1	3	12	0	0	2	1	8	10	16	14	1	4
March -	4·5	3·1	3·8	0·390	·140	1st	7	1	0	0	11	4	0	1	1	6	6	6	8	19	0	15
April -	3·8	2·7	3·3	0·080	·060	16th	2	0	1	1	14	2	0	3	14	15	11	2	3	5	0	7
May -	6·2	4·7	5·4	1·200	·430	17th	9	0	1	4	7	9	0	7	10	6	3	8	9	4	1	14
June -	6·8	4·7	5·8	0·580	·210	22nd	8	0	0	3	5	10	0	1	9	12	9	6	3	11	0	9
July -	6·8	5·6	6·2	2·740	·380	9th	18	0	0	7	3	11	0	4	2	3	10	11	6	11	0	15
August -	6·5	4·1	5·3	2·730	·830	31st	13	0	2	3	6	6	0	3	1	4	5	8	22	11	0	8
September	6·4	4·6	5·5	0·880	·270	19th	10	0	0	1	7	9	0	1	4	5	3	6	15	14	1	11
October -	5·2	6·0	5·6	3·560	1·290	9th	17	0	1	3	6	13	0	0	2	2	1	9	30	12	0	6
November	8·5	7·0	7·7	2·530	·660	25th	16	5	4	0	3	20	0	15	5	6	2	2	12	12	3	3
December	7·1	6·2	6·7	2·250	·360	12th	17	3	1	0	5	15	1	2	1	1	1	18	22	10	1	6
Year -	6·5	5·1	5·8	21·540	—	—	159	30	16	23	73	129	1	42	59	66	63	93	158	140	8	101

CHELTENHAM

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

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·852	34·8	34·9	34·9	29·2	40·1	12·0	3rd	52·8	30th	0·5	0·8	0·7	·192	·186	·189	95	92	94
February -	·488	41·1	40·9	41·0	36·6	46·6	27·0	25th	56·5	19th	1·5	1·5	1·5	·226	·225	·226	88	88	88
March -	·925	46·5	44·2	45·3	34·0	56·6	22·0	19th	66·6	29th	3·3	2·9	3·1	·242	·228	·235	76	78	77
April -	·956	51·3	49·3	50·3	37·5	64·5	25·0	14th	80·0	20th	4·5	3·6	4·0	·268	·266	·267	71	76	73
May -	·849	57·9	54·4	56·2	45·0	67·1	34·0	11th	78·0	5th	4·5	3·0	3·8	·352	·342	·347	73	81	77
June -	·798	61·2	59·6	60·4	50·1	72·1	33·5	1st	85·8	17th	4·8	3·7	4·2	·391	·399	·395	72	78	75
July -	·692	63·0	61·2	62·1	54·6	71·4	44·2	18th	84·6	7th	4·7	3·2	4·0	·422	·436	·429	73	81	77
August -	·815	65·1	61·1	63·1	54·1	74·1	39·3	26th	87·0	18th	4·4	2·7	3·5	·467	·451	·459	75	84	80
September	·667	56·9	53·4	55·1	45·7	65·3	30·6	24th	75·0	6th	3·6	2·6	3·1	·360	·338	·349	78	83	80
October -	·691	49·9	47·4	48·7	41·6	57·6	21·0	31st	66·2	21st	2·1	1·2	1·7	·306	·298	·302	85	91	88
November	·800	40·6	40·1	40·3	33·7	46·8	20·0	1st	60·3	3rd	1·2	1·3	1·2	·228	·221	·224	90	89	90
December	29·767	40·0	40·2	40·1	33·5	47·0	16·5	3rd	55·8	13th	1·2	1·1	1·2	·222	·226	·224	90	91	90
Year -	29·775	50·7	48·9	49·8	41·3	59·1	—	—	—	—	3·0	2·3	2·7	·306	·301	·304	80·5	84·3	82·4

ST. DAVID'S (PEMBROKE)

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

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·834	39·7	39·6	39·7	35·6	42·5	20·4	2nd	50·0	31st	1·3	1·2	1·3	·224	·224	·224	88·9	88·7	88·8
February -	·437	43·1	42·7	42·9	39·0	46·5	29·0	25th	53·1	8th	1·7	1·7	1·7	·245	·242	·244	86·5	86·4	86·5
March -	·897	47·5	45·4	46·5	41·6	52·8	33·6	19th	61·5	29th	2·6	2·0	2·3	·270	·262	·266	82·3	85·9	84·1
April -	·920	53·3	47·7	50·5	43·3	57·8	31·1	12th	72·0	22nd	3·0	1·3	2·2	·333	·304	·319	81·6	91·2	86·4
May -	·817	57·2	52·4	54·8	48·6	62·1	36·1	8th	72·5	5th	2·9	1·3	2·1	·385	·360	·373	82·3	91·2	86·8
June -	·789	62·5	56·5	59·5	52·3	67·0	42·4	2nd	77·7	18th	4·3	1·5	2·9	·431	·415	·423	76·3	90·2	83·3
July -	·687	61·8	59·1	60·5	55·6	67·1	51·9	15th	75·3	1st	3·8	2·0	2·9	·434	·441	·438	79·1	87·9	83·5
August -	·784	63·4	60·9	62·2	57·4	67·8	46·1	28th	81·3	15th	3·3	2·0	2·7	·477	·474	·476	81·5	87·9	84·7
September	·653	58·5	55·9	57·2	51·5	62·7	40·2	12th	71·6	3rd	3·8	2·4	3·1	·387	·386	·387	77·2	84·4	80·8
October -	·674	52·7	50·8	51·8	47·9	56·4	35·4	31st	61·1	1st	2·7	2·0	2·4	·334	·326	·330	82·3	85·7	84·0
November	·806	44·8	43·5	44·2	38·9	48·4	29·1	13th	56·1	3rd	1·8	2·1	2·0	·261	·244	·253	86·1	84·2	85·2
December	29·712	45·3	44·2	44·8	40·7	48·3	28·2	31st	56·3	6th	1·6	2·1	1·9	·271	·248	·260	88·2	84·0	86·1
Year -	29·751	52·5	49·9	51·2	46·0	56·6	—	—	—	—	2·7	1·8	2·3	·338	·327	·333	82·7	87·3	85·0

CARMARTHEN

Long. 4° 18′ W. Lat. 51° 52′ N. Height above Mean Sea Level, 188 feet. Gravity Correction, + ·018 in.

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·853	37·0	37·7	37·4	32·6	43·6	11·3	2nd	55·8	23rd	1·0	1·1	1·1	·202	·209	·206	89·5	89·1	89·3
February -	·462	42·2	41·3	41·8	37·1	47·4	27·7	28th	55·6	3rd	1·7	1·4	1·6	·238	·234	·236	86·9	88·2	87·6
March -	·917	49·7	44·9	47·3	38·3	57·1	27·3	19th	67·8	29th	4·5	2·4	3·5	·256	·247	·252	72·4	82·7	77·6
April -	·934	57·2	50·5	53·9	42·6	65·2	29·4	13th	78·9	21st	6·9	3·9	5·4	·294	·278	·286	63·1	75·4	69·3
May -	·832	60·9	54·7	57·8	48·8	66·8	42·2	8th	76·0	5th	6·6	3·4	5·0	·348	·339	·344	65·8	79·7	72·8
June -	·796	66·0	58·1	62·1	50·9	71·2	39·8	2nd	84·9	17th	8·1	3·4	5·8	·386	·388	·387	61·2	79·9	70·6
July -	·692	64·4	58·9	61·7	54·6	69·9	46·3	15th	79·7	1st, 7th	6·0	2·5	4·3	·415	·424	·420	69·4	84·8	77·1
August -	·792	65·2	61·1	63·2	55·8	70·8	44·3	29th	84·3	15th	4·8	2·4	3·6	·464	·466	·465	74·9	85·7	80·3
September	·665	58·1	53·2	55·7	48·0	64·7	31·2	21st	74·0	5th	4·2	2·0	3·1	·368	·357	·363	75·6	86·7	81·2
October -	·690	51·1	48·2	49·7	43·5	57·4	29·8	31st	63·2	21st	2·2	0·9	1·6	·326	·323	·325	85·2	93·1	89·2
November	·823	43·6	42·3	43·0	37·9	48·3	27·1	1st	55·8	3rd	2·2	1·9	2·1	·242	·237	·240	83·9	85·6	84·8
December	29·743	42·4	41·1	41·8	36·2	48·2	22·5	31st	52·7	13th	1·2	1·3	1·3	·251	·235	·243	90·0	89·2	89·6
Year -	29·767	53·2	49·3	51·3	43·9	59·2	—	—	—	—	4·1	2·2	3·2	·316	·311	·314	76·5	85·0	80·8

CHELTENHAM.

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

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	7·4	6·8	7·1	1·970	·360	26th	22	9	0	0	2	14	1	4	4	4	4	7	13	5	6	15
February -	7·8	6·8	7·3	2·650	·530	25th	23	1	1	0	2	15	4	3	0	1	6	12	11	12	2	9
March -	4·5	3·3	3·9	0·140	·040	16th	5	1	0	0	10	5	0	3	1	1	5	5	15	12	4	16
April -	4·8	2·2	3·5	0·070	·040	16th	2	0	0	0	10	3	0	5	1	4	16	2	7	7	8	10
May -	5·7	5·1	5·4	1·430	·370	19th	9	0	0	1	5	8	0	4	6	1	7	9	10	6	8	11
June -	5·7	4·4	5·1	1·450	·560	7th	12	0	1	5	4	4	0	4	3	3	4	10	4	14	4	14
July -	7·0	6·0	6·5	2·810	·560	11th	16	0	0	3	1	8	0	2	0	1	5	11	2	11	10	20
August -	6·1	4·1	5·1	2·000	·730	3rd	12	0	0	2	6	7	1	0	2	0	7	4	19	9	6	15
September	6·2	4·4	5·3	0·870	·210	28th	13	0	1	1	6	9	0	2	0	4	1	10	13	14	5	11
October -	4·9	6·0	5·4	1·760	·270	21st	17	0	1	0	8	9	0	1	0	0	2	6	26	7	3	17
November	6·7	6·2	6·5	1·920	·550	17th	18	3	0	0	5	13	2	8	11	2	1	3	11	5	8	11
December	6·6	5·9	6·2	2·840	·800	12th	20	1	0	0	6	14	2	2	0	0	1	12	21	5	4	17
Year -	6·1	5·1	5·6	19·910	—	—	169	15	4	12	65	109	10	38	28	21	59	91	152	107	68	166

ST. DAVID'S (PEMBROKE).

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

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	8·2	6·5	7·4	2·597	·430	28th	20	7	2	0	0	11	1	4	9	7	8	4	5	5	18	2
February -	7·4	7·6	7·5	3·952	1·004	25th	23	1	4	1	0	11	1	2	4	5	6	7	16	11	5	0
March -	6·2	4·3	5·3	0·657	·302	3rd	10	0	1	0	7	10	0	1	5	13	5	4	10	8	12	4
April -	5·1	2·3	3·7	0·212	·085	16th	6	0	0	0	11	4	0	8	20	8	8	1	4	2	5	4
May -	6·1	3·8	5 0	0·796	·198	20th	10	0	0	2	4	4	0	7	9	6	10	4	10	5	10	1
June -	5·1	4·1	4·6	0·878	·415	26th	7	0	0	2	9	3	0	4	12	6	4	3	9	8	11	3
July -	6·8	6·4	6·6	2·196	·642	15th	13	0	0	2	0	4	0	6	2	2	4	5	15	8	20	0
August -	6·4	5·9	6·2	2·165	·452	6th	15	0	1	1	2	7	0	3	4	2	7	8	19	6	9	4
September	7·1	4·8	6·0	1·525	·262	26th	10	0	1	0	2	8	0	3	3	4	3	3	10	13	18	3
October -	7·2	6·3	6·8	3·638	·758	10th	21	0	4	0	0	10	0	2	8	1	3	4	18	12	13	1
November	7·8	6·5	7·2	3·425	·500	17th	16	1	3	0	1	13	6	7	22	3	4	0	8	8	8	0
December	7·5	7·4	7·5	4·305	·672	10th	25	0	2	0	1	12	4	2	5	3	4	8	15	12	12	1
Year -	6·7	5·5	6·1	26·346	—	—	176	9	18	8	37	97	12	49	103	60	66	51	139	98	141	23

CARMARTHEN.

Heights above Ground:—Barometer, 7 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	6·9	5·5	6·2	2·950	·580	28th	22	5	1	0	3	12	1	7	5	14	4	4	5	3	4	16
February -	7·5	7·4	7·5	6·260	·720	13th	22	1	6	0	3	18	3	4	0	6	2	7	14	16	0	7
March -	4·4	3·1	3·8	0·680	·230	3rd	5	0	1	0	14	7	0	9	2	6	0	0	9	5	3	28
April -	3·0	1·8	2·4	0·180	·100	16th	3	0	0	0	16	3	0	8	5	15	2	4	5	2	2	17
May -	5·5	4·6	5·1	1·790	·370	16, 20	9	0	1	1	8	6	0	8	1	10	7	7	9	3	3	14
June -	4·6	3·7	4·2	2·650	·980	26th	9	0	0	4	10	5	0	5	1	10	3	1	8	13	1	18
July -	7·1	6·2	6·7	3·320	·500	11th	11	0	0	1	1	11	0	10	1	1	3	9	5	10	13	10
August -	6·9	5·0	6·0	3·420	·700	11th	14	0	0	0	2	8	1	4	0	5	3	5	14	12	6	13
September	6·5	4·5	5·5	2·220	·880	28th	16	0	4	0	4	7	0	9	0	8	1	1	10	12	1	18
October -	6·5	6·2	6·4	7·600	1·400	7th	24	0	2	3	4	12	0	2	0	5	2	3	15	14	1	20
November	6·1	6·2	6·2	3·870	·870	25th	17	2	1	0	5	11	3	10	5	12	3	0	11	7	4	8
December	7·8	6·2	7·0	6·040	·870	12th	25	0	4	0	3	15	2	2	0	1	2	5	19	6	4	23
Year -	6·1	5·0	5·6	40·980	—	—	177	8	20	9	73	115	10	78	20	93	32	46	124	103	42	192

BERKHAMSTED

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

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·629	33·3	34·1	33·7	30·1	39·1	**12·4**	**5th**	51·7	31st	0·6	0·6	0·6	·177	·184	·181	93	94	94
February -	·283	38·8	38·4	38·6	34·8	45·7	25·3	5th	57·1	19th	1·0	1·2	1·1	·216	·208	·212	92	90	91
March -	·710	44·7	42·4	43·6	33·7	56·4	21·9	19th	66·8	30th	3·5	3·0	3·3	·221	·209	·215	75	77	76
April -	·754	51·6	46·6	49·1	37·3	64·5	24·9	14th	78·7	20th	6·2	4·0	5·1	·238	·230	·234	62	72	67
May -	·649	57·2	52·7	54·9	44·9	67·5	35·7	31st	80·6	15th	5·7	3·7	4·7	·315	·303	·309	67	76	71
June -	·602	61·2	57·9	59·6	48·4	72·0	34·0	1st	87·5	19th	6·3	4·8	5·5	·353	·345	·349	65	72	69
July -	·493	62·7	59·0	60·8	52·9	71·7	45·5	28th	85·5	7th	5·2	3·6	4·4	·403	·391	·397	71	78	74
August -	·626	64·6	60·4	62·5	53·5	74·3	39·8	29th	**91·0**	**18th**	5·4	3·6	4·5	·428	·413	·420	70	79	75
September	·460	56·5	52·4	54·5	46·8	66·4	37·1	21st	79·5	6th	3·8	2·2	3·0	·351	·335	·343	77	85	81
October -	·495	49·8	47·2	48·5	42·5	58·0	26·4	31st	66·3	16th	2·1	1·4	1·8	·305	·290	·298	85	89	87
November	·573	39·7	39·5	39·6	34·4	46·5	24·1	1st	59·7	3rd	1·2	1·3	1·2	·219	·216	·217	90	89	89
December	29·572	37·8	38·5	38·1	32·8	45·4	18·3	3rd	55·1	13th	0·8	0·9	0·9	·211	·215	·213	93	92	93
Year -	29·571	49·8	47·4	48·6	41·0	59·0	—	—	—	—	3·5	2·5	3·0	·286	·278	·282	78·3	82·8	80·6

KEW

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	30·039	35·0	35·6	35·3	31·9	39·6	**13·1**	**5th**	52·2	31st	1·2	1·2	1·2	·180	·187	·184	88	89	89
February -	29·697	41·1	40·5	40·8	36·7	46·8	23·0	6th	56·3	19th	1·6	1·8	1·7	·224	·215	·220	87	86	87
March -	30·115	43·2	45·3	44·3	36·3	55·2	26·9	19th	64·9	29th	2·5	3·4	3·0	·226	·229	·228	81	75	78
April -	·138	50·2	49·5	49·9	40·9	62·4	30·8	14th	80·3	20th	4·9	4·7	4·8	·249	·246	·248	69	70	70
May -	30·036	57·7	55·9	56·8	47·2	66·8	39·9	31st	76·2	15th	5·9	4·8	5·4	·316	·320	·318	66	71	69
June -	29·985	61·4	60·7	61·1	51·1	71·1	38·9	1st	86·1	19th	6·3	6·3	6·3	·357	·347	·352	66	65	66
July -	29·880	63·8	62·3	63·1	55·5	72·0	48·1	15th	85·6	7th	5·4	4·8	5·1	·417	·409	·413	70	73	72
August -	30·011	65·8	64·0	64·9	56·1	74·4	43·6	29th	**88·6**	**17th**	5·8	4·8	5·3	·437	·437	·437	69	73	71
September	29·854	57·0	55·7	56·4	49·0	65·3	38·7	24th	77·2	6th	4·1	3·4	3·8	·349	·351	·350	75	79	77
October -	·895	50·9	50·1	50·5	44·9	57·8	30·3	31st	65·3	16th	2·7	2·2	2·5	·305	·306	·306	82	84	83
November	·969	41·7	42·0	41·9	36·9	47·1	28·9	1st	59·6	3rd	2·1	2·0	2·1	·221	·225	·223	85	85	85
December	29·994	39·0	39·8	39·4	33·7	45·3	20·8	3rd	55·8	13th	1·3	1·3	1·3	·212	·219	·216	90	90	90
Year -	29·968	50·6	50·1	50·4	43·4	58·7	—	—	—	—	3·7	3·4	3·6	·291	·291	·291	77·3	78·3	77·8

MARGATE

Long. 1° 24′ E. Lat. 51° 24′ N. Height above Mean Sea Level, 83 feet. Gravity Correction, + ·017 in.

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·950	34·7	35·9	35·3	31·0	39·1	**19·0**	**4th**	52·0	31st	0·7	0·8	0·8	·189	·198	·194	91·7	91·9	91·8
February -	29·639	41·0	40·6	40·8	36·8	46·7	28·4	6th	56·0	19th	1·2	1·3	1·3	·235	·229	·232	89·9	89·5	89·7
March -	30·044	46·3	44·3	45·3	38·6	53·0	30·1	20th	66·0	31st	3·3	2·4	2·9	·244	·242	·243	77·8	82·3	80·1
April -	30·077	50·1	46·5	48·3	41·8	54·3	33·4	15th	66·6	20th	4·1	2·6	3·4	·269	·259	·264	75·7	82·6	79·2
May -	29·971	56·6	52·9	54·8	48·3	62·5	41·4	1st	72·6	12th	4·1	2·3	3·2	·349	·340	·345	76·0	84·7	80·4
June -	·925	59·4	56·6	58·0	51·4	65·2	40·5	1st	81·3	19th	4·0	2·6	3·3	·390	·386	·388	76·7	84·0	80·4
July -	·819	63·6	60·2	61·9	56·4	68·5	51·4	23rd	88·8	8th	4·8	2·9	3·9	·433	·432	·433	74·0	83·1	78·6
August -	·954	66·2	63·0	64·6	57·5	73·0	51·4	1st	**93·4**	**18th**	4·7	3·3	4·0	·483	·470	·477	75·4	81·2	78·3
September	·778	58·8	56·2	57·5	51·2	64·7	38·4	24th	78·1	6th	4·0	3·2	3·6	·385	·369	·377	76·7	80·9	78·8
October -	·832	53·1	51·3	52·2	46·7	58·5	38·6	31st	65·6	16, 21	2·7	2·3	2·5	·338	·324	·331	82·5	84·4	83·5
November	·873	43·1	43·9	43·5	38·5	48·1	29·2	24th	58·4	3rd	2·2	2·0	2·1	·236	·247	·242	83·5	85·1	84·3
December	29·936	40·6	40·7	40·7	35·0	46·0	25·6	3rd	56·0	13th	1·3	1·2	1·3	·228	·233	·231	88·3	90·7	89·5
Year -	29·900	51·1	49·3	50·2	44·4	56·6	—	—	—	—	3·1	2·2	2·7	·315	·311	·313	80·7	85·0	82·9

BERKHAMSTED.

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

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	8·6	6·9	7·8	2·048	·287	26th	21	12	4	0	2	17	0	5	5	5	4	5	3	13	11	11
February -	8·3	5·9	7·1	3·686	·453	21st	21	5	1	0	4	13	0	2	3	2	10	8	12	12	2	5
March -	4·4	3·0	3·7	0·457	·146	1st	5	2	2	0	14	5	0	2	2	4	4	6	6	16	6	16
April -	4·1	2·1	3·1	0·200	·091	29th	3	0	0	1	14	2	0	8	13	14	4	1	1	8	0	11
May -	5·9	3·9	4·9	0·861	·388	17th	9	0	0	2	9	6	0	7	8	9	4	6	5	7	7	9
June -	6·3	4·6	5·4	0·984	·274	6th	8	0	0	1	5	5	0	2	14	9	3	5	6	9	3	9
July -	6·8	6·1	6·5	2·144	·353	19th	20	0	1	6	3	11	0	6	1	3	10	6	7	13	6	10
August -	6·6	4·1	5·3	2·334	·578	9th	12	0	0	2	3	5	0	2	1	3	5	8	12	14	6	11
September	5·9	4·1	5·0	1·101	·286	28th	13	0	0	1	6	5	0	2	5	2	0	4	11	19	6	11
October -	4·9	6·1	5·5	4·205	**1·624**	**9th**	16	0	0	3	8	9	0	1	1	0	1	4	20	17	3	15
November	8·9	6·5	7·7	3·171	·667	25th	16	4	2	0	1	17	1	9	8	5	2	2	9	9	11	5
December	7·1	5·9	6·5	2·745	·534	20th	19	2	2	0	3	13	0	1	1	0	5	12	13	12	6	12
Year -	6·5	4·9	5·7	23·936	—	—	163	25	12	16	72	108	1	47	62	56	52	67	105	149	67	125

KEW.

Heights above Ground:—Barometer, 16 feet. Thermometers, 10 feet. Rain-gauge, 2 feet.

				ins.	ins.																	
January -	8·5	7·8	8·2	1·430	·295	9th	25	7	0	0	2	22	0	7	7	4	2	5	6	10	7	14
February -	8·1	6·9	7·5	2·660	·465	27th	24	2	1	0	2	15	2	3	3	2	6	9	15	7	4	7
March -	4·3	4·0	4·2	0·230	·045	3rd	23	1	0	0	12	4	0	0	4	9	0	4	14	12	3	16
April -	3·6	2·8	3·2	0·100	·050	20th	5	0	0	1	12	2	0	5	16	21	1	0	4	3	1	9
May -	5·9	5·5	5·7	1·400	·765	17th	11	0	0	3	4	13	0	9	12	9	1	5	10	2	4	10
June -	5·3	5·2	5·3	0·860	·245	22, 27	12	0	0	2	5	6	0	4	11	14	4	3	6	9	1	8
July -	6·8	7·1	7·0	1·815	·360	23rd	18	0	0	4	2	10	0	5	6	7	0	10	11	7	4	12
August -	6·6	5·2	5·9	1·707	·760	4th	13	0	1	2	3	7	0	5	3	4	0	4	21	6	4	15
September	6·4	6·1	6·3	0·995	·175	20, 26	14	0	0	2	0	9	0	2	5	3	2	2	14	14	3	15
October -	5·8	6·4	6·1	4·115	**1·205**	**9th**	21	0	0	3	1	9	0	2	1	0	3	1	24	9	2	20
November	8·2	7·5	7·9	1·975	·700	14th	16	2	1	0	2	19	1	12	11	3	1	0	15	6	4	8
December	6·1	6·5	6·3	2·225	·425	8th	25	1	2	0	5	10	3	5	0	0	0	9	20	6	2	20
Year -	6·3	5·9	6·1	19·512	—	—	207	13	5	17	50	126	6	59	79	76	20	52	160	91	39	154

MARGATE.

Heights above Ground:—Barometer, 7 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

				ins.	ins.																	
January -	8·3	7·5	7·9	1·970	·400	1st	22	6	0	0	2	19	0	7	6	7	3	3	9	19	4	4
February -	8·2	5·3	6·8	3·230	**1·320**	**21st**	22	2	0	0	3	15	0	5	6	0	3	6	13	22	0	1
March -	4·0	3·2	3·6	0·390	·130	1st	8	1	0	0	14	6	0	6	3	13	1	4	9	17	3	6
April -	5·3	2·5	3·9	0·040	·010	2, 5, 7, 16	4	0	0	0	10	5	0	4	20	18	7	1	5	0	3	2
May -	5·5	5·4	5·5	0·840	·510	23rd	7	0	0	1	4	7	0	5	20	7	2	8	8	8	3	1
June -	6·8	4·1	5·5	0·510	·220	23rd	5	0	0	2	3	6	0	9	21	6	0	2	8	8	1	5
July -	6·8	6·7	6·8	2·610	·530	12th	16	0	0	7	2	12	0	10	7	8	2	4	14	8	7	2
August -	5·7	2·9	4·3	0·960	·300	4th	11	0	0	0	7	4	0	8	7	1	3	8	16	15	3	1
September	7·8	4·4	6·1	2·500	·640	28th	11	0	0	0	3	9	0	8	5	7	3	1	14	18	1	3
October -	6·7	5·6	6·2	2·490	·920	11th	15	0	0	0	3	10	0	5	4	1	1	3	22	18	3	5
November	7·9	5·6	6·8	2·920	·790	14th	20	0	1	0	2	15	3	9	12	7	4	1	12	9	2	4
December	7·7	4·4	6·1	2·100	·600	8th	16	0	0	0	5	10	4	5	1	0	1	11	22	9	3	10
Year -	6·7	4·8	5·8	20·560	—	—	157	9	1	10	58	118	7	81	112	75	30	52	152	151	33	44

PARKSTONE (DORSET)

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

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·864	35·4	35·7	35·6	31·6	41·3	16·8	3rd	51·7	29th	0·8	0·8	0·8	·196	·197	·197	90·9	90·2	90·6
February -	·528	42·0	41·1	41·6	36·9	48·2	28·7	25th	53·9	7th	1·1	1·1	1·1	·247	·239	·243	91·2	91·5	91·4
March -	·947	46·8	43·4	45·1	37·5	55·9	27·4	19th	65·4	30th	3·0	2·0	2·5	·256	·242	·249	80·5	84·9	82·7
April -	·936	54·8	49·6	52·2	41·5	65·2	31·1	13th	77·0	25th	6·9	4·0	5·5	·264	·266	·265	62·2	75·3	68·8
May -	·855	59·9	53·5	56·7	46·4	67·9	39·3	8th	74·7	12th	6·5	3·0	4·8	·336	·333	·335	65·7	81·5	73·6
June -	·814	63·8	57·1	60·5	51·1	71·8	40·4	1st	87·9	19th	6·9	3·0	5·0	·382	·383	·383	65·0	81·7	73·4
July -	·715	63·7	59·0	61·4	54·4	70·7	50·6	18, 23	81·2	2nd	4·4	2·1	3·3	·446	·438	·442	76·3	87·5	81·9
August -	·847	65·6	60·1	62·9	54·3	73·4	44·3	6th	84·6	16th	4·9	2·4	3·7	·469	·449	·459	74·1	85·5	79·8
September	·693	59·0	53·3	56·2	47·8	67·4	35·8	24th	76·6	14th	4·2	1·8	3·0	·382	·365	·374	76·0	88·2	82·1
October -	·734	51·5	49·1	50·3	44·1	59·2	30·3	31st	65·8	16th	1·8	1·1	1·5	·341	·329	·335	87·8	92·0	89·9
November	·803	41·8	41·4	41·6	36·3	47·7	27·2	1st	61·5	3rd	1·6	1·4	1·5	·240	·236	·238	86·1	87·2	86·7
December	29·823	40·2	39·3	39·8	34·2	47·0	20·5	3rd	55·0	13th	0·8	0·8	0·8	·237	·229	·233	91·4	92·6	92·0
Year -	29·797	52·0	48·6	50·3	43·0	59·6	—	—	—	—	3·6	2·0	2·8	·316	·309	·313	78·9	86·5	82·7

ROUSDON

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

January -	ins. 29·499	° 36·3	36·5	36·4	32·8	40·4	18·5	3rd	51·7	29th	0·8	0·8	0·8	in. ·198	in. ·199	in. ·199	% 93	% 92	% 93
February -	·168	41·8	40·8	41·3	37·6	45·6	27·8	25th	53·1	7th	1·3	1·2	1·3	·237	·230	·233	89	90	89
March -	·585	47·1	44·4	45·8	40·1	51·7	33·5	19th	59·1	25th	3·2	2·8	3·0	·250	·231	·241	77	79	78
April -	·578	53·0	50·2	51·6	43·5	59·3	33·3	13th	72·0	26th	4·5	3·7	4·1	·288	·273	·280	71	75	73
May -	·501	55·8	53·1	54·4	47·7	61·5	40·3	8th	70·8	12th	3·0	1·9	2·4	·361	·352	·357	81	87	84
June -	·471	60·8	57·3	59·1	52·5	66·0	46·2	1st	79·4	19th	3·8	2·5	3·2	·413	·396	·404	77	84	81
July -	·374	61·3	58·0	59·6	54·3	65·3	49·5	15, 18	76·5	2nd	3·0	1·7	2·3	·444	·430	·437	82	89	85
August -	·500	62·2	59·7	61·0	55·6	66·8	43·5	29th	74·0	16th	2·7	2·0	2·4	·469	·447	·458	84	87	86
September	·346	57·6	53·5	55·5	49·3	62·4	38·9	24th	71·0	14th	3·2	2·0	2·6	·381	·355	·368	80	87	83
October -	·380	52·2	49·7	51·0	45·8	56·7	29·8	31st	67·1	18th	2·3	1·3	1·8	·330	·323	·327	84	90	87
November	·451	42·2	41·2	41·7	36·2	46·5	27·5	23rd	59·1	3rd	1·6	1·5	1·5	·235	·227	·231	87	88	88
December	29·450	41·8	41·2	41·5	36·7	46·6	22·0	3rd	54·1	13th	1·3	1·4	1·4	·237	·229	·233	89	88	88
Year -	29·442	51·0	48·8	49·9	44·3	55·7	—	—	—	—	2·6	1·9	2·2	·320	·308	·314	82·8	86·3	84·6

PLYMOUTH

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

January -	ins. 29·867	° 39·9	40·0	40·0	35·7	44·3	18·0	3rd	51·0	29th	° 1·7	1·6	1·7	in. ·217	in. ·219	in. ·218	% 83·6	% 83·6	% 83·6
February -	·534	44·2	43·7	44·0	39·6	48·3	31·6	25th	54·1	7th	1·7	1·3	1·5	·256	·260	·258	87·0	89·6	88·3
March -	·949	49·7	45·9	47·8	40·7	54·5	33·2	11th	63·0	24th	2·7	2·1	2·4	·292	·265	·279	82·0	85·3	83·7
April -	·924	56·4	51·6	54·0	45·5	61·1	33·0	15th	73·3	25th	5·9	3·4	4·7	·308	·300	·304	67·3	78·8	73·1
May -	·855	58·4	54·8	56·6	49·8	62·9	42·0	22nd	70·9	10, 12	3·7	2·6	3·2	·382	·362	·372	78·2	83·9	81·1
June -	·825	64·6	59·2	61·9	52·8	68·5	43·5	1st	84·5	19th	4·2	2·8	3·5	·469	·420	·445	77·1	83·6	80·4
July -	·737	63·1	60·5	61·8	56·0	67·3	48·4	28th	77·3	1st	2·6	1·9	2·3	·491	·467	·479	84·7	88·1	86·4
August -	·850	64·9	61·7	63·3	56·7	68·9	48·4	27th	78·8	15th	4·1	2·1	3·1	·481	·485	·483	77·8	87·2	82·5
September	·730	60·2	55·8	58·0	50·2	63·8	35·5	24th	72·3	5th	4·6	2·2	3·4	·387	·388	·388	73·4	85·9	79·7
October -	·764	53·6	51·5	52·6	46·4	58·0	32·7	31st	62·5	9th	2·6	1·6	2·1	·347	·345	·346	82·7	88·3	85·5
November	·841	45·4	44·7	45·1	39·1	49·0	28·6	1st	58·2	2nd	2·2	2·2	2·2	·261	·256	·259	83·0	82·6	82·8
December	29·830	44·1	43·9	44·0	38·2	49·0	24·3	3rd	55·2	13th	1·6	1·8	1·7	·259	·251	·255	86·9	85·5	86·2
Year -	29·809	53·7	51·1	52·4	45·9	58·0	—	—	—	—	3·1	2·1	2·6	·346	·335	·341	80·3	85·2	82·8

PARKSTONE (DORSET).

Heights above Ground :—Barometer, 2 feet. Thermometers, 4 feet. Rain-gauge, 11 inches.

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January - -	8·2	6·3	7·3	2·120	·700	9th	15	7	0	0	3	18	9	9	14	3	1	4	7	12	7	5
February - -	8·6	7·3	8·0	3·990	·560	18th	21	1	0	0	1	14	10	3	2	5	4	9	14	14	5	0
March - -	5·9	3·2	4·6	0·490	·260	16th	5	0	1	0	11	8	2	1	16	5	1	3	5	14	12	5
April - -	3·8	1·5	2·7	0·030	·020	23rd	2	0	0	0	15	2	2	5	27	10	1	0	1	5	4	7
May - -	5·5	5·0	5·3	0·830	·390	17th	8	0	0	0	8	11	1	6	10	9	3	2	10	6	7	9
June - -	5·6	3·9	4·7	2·010	·920	16th	9	0	0	3	7	6	2	6	11	9	4	2	6	12	5	5
July - -	7·4	6·0	6·7	6·590	1·430	15th	15	0	0	4	2	13	2	6	3	6	1	6	16	10	12	2
August - -	6·6	4·5	5·6	1·000	·460	20th	7	0	0	1	6	10	5	3	5	7	3	3	17	9	8	7
September -	6·2	4·7	5·5	1·650	·430	28th	13	0	0	2	8	10	1	5	10	2	0	0	10	17	7	9
October - -	5·5	6·2	5·9	5·030	1·000	17th	19	0	2	2	7	13	3	5	3	1	0	2	17	12	7	15
November -	7·7	7·1	7·4	1·890	·330	16th	13	2	0	0	2	16	4	12	17	0	1	1	6	14	6	3
December -	6·9	4·8	5·9	3·160	·850	19th	18	0	2	0	4	11	6	6	5	1	1	10	14	13	3	9
Year -	6·5	5·0	5·8	28·790	—	—	145	10	5	12	74	132	47	67	123	58	20	42	123	138	83	76

ROUSDON.

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

				ins.	ins.																	
January - -	6·5	6·9	6·7	2·960	·820	9th	14	6	0	0	2	12	1	9	11	5	4	2	5	4	20	2
February - -	7·7	7·6	7·7	3·650	·510	25th	22	4	1	1	1	13	3	2	7	3	5	4	8	15	12	0
March - -	4·8	2·4	3·6	0·280	·070	3, 16	6	0	0	0	13	6	1	7	4	11	9	2	5	5	17	2
April - -	2·8	2·1	2·4	0·240	·120	29th	3	0	0	0	16	2	0	11	25	9	3	1	2	2	6	1
May - -	5·4	4·7	5·1	0·830	·290	18th	9	0	0	2	9	7	0	9	9	6	10	4	6	6	11	1
June - -	5·0	4·7	4·8	0·640	·250	26th	8	0	0	4	6	3	0	9	4	8	7	1	7	5	14	5
July - -	7·1	6·0	6·6	5·510	1·330	15th	18	0	0	2	2	10	0	9	5	1	3	2	10	2	28	2
August - -	6·2	4·5	5·3	1·240	·240	3rd	11	0	0	0	5	8	0	4	5	4	8	1	17	5	18	0
September -	5·5	5·7	5·6	2·230	·920	28th	11	0	0	3	7	9	1	13	4	5	1	1	6	10	19	1
October - -	5·5	6·3	5·9	2·830	·570	17th	20	0	0	1	6	10	1	9	2	0	2	1	18	12	18	0
November -	6·9	7·1	7·0	2·350	·650	14th	16	3	0	0	2	15	6	10	16	7	2	0	5	5	14	1
December -	6·5	6·0	6·3	3·760	·690	19th	18	1	1	0	3	9	4	6	4	2	1	4	16	10	16	3
Year	5·8	5·3	5·6	26·520	—	—	156	14	2	13	72	104	17	98	96	61	55	23	105	81	193	18

PLYMOUTH.

see Report, then 57 feet

Heights above Ground :—Barometer, 74 feet. Thermometers, 4 ft. 6 in. Rain-gauge, 10 in.

				ins.	ins.																	
January - -	8·1	5·3	6·7	2·885	·478	31st	20	0	1	0	4	14	—	15	6	10	4	4	5	4	9	5
February - -	7·6	6·8	7·2	5·732	1·025	25th	22	0	4	0	0	13	—	1	1	6	8	6	6	17	9	2
March - -	5·0	2·9	4·0	0·255	·090	3rd	8	0	1	0	11	4	—	11	5	15	6	3	2	7	9	4
April - -	3·9	1·7	2·8	0·652	·572	22nd	3	0	0	0	13	3	—	7	4	23	8	3	3	2	7	3
May - -	5·4	4·0	4·7	1·645	·770	16th	9	0	0	1	8	7	—	10	5	14	4	9	7	3	9	1
June - -	4·3	3·9	4·1	0·838	·330	26th	7	0	0	1	10	6	—	6	3	9	11	5	4	6	14	2
July - -	7·6	5·1	6·4	5·028	1·330	4th	20	0	0	3	3	10	—	7	4	3	2	6	7	15	16	2
August - -	6·2	4·9	5·6	1·955	·340	19th	15	0	0	0	3	5	—	7	6	8	5	4	17	6	6	3
September -	6·0	5·4	5·7	2·698	·815	28th	14	0	1	1	3	10	—	9	4	7	4	1	7	14	9	5
October - -	6·6	6·5	6·6	3·285	·505	17th	21	0	1	1	3	12	—	5	8	1	3	1	15	11	13	5
November -	7·3	6·2	6·8	1·627	·320	16th	12	2	0	0	5	13	—	14	14	7	1	0	9	10	5	0
December -	7·7	5·4	6·6	4·339	·850	18th	16	0	0	1	2	12	—	4	8	2	3	9	12	14	6	4
Year -	6·3	4·8	5·6	30·939	—	—	167	2	8	8	65	109	—	96	68	105	59	51	94	109	112	36

FALMOUTH

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

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·889	41·2	41·4	41·3	37·8	44·8	**25·2**	**2nd**	52·1	30th	1·6	1·7	1·7	·225	·226	·226	88	88	88
February -	·546	44·1	44·2	44·2	40·5	48·4	33·9	25, 28	52·6	7th	1·8	1·6	1·7	·249	·255	·252	85	88	87
March -	·968	48·4	45·9	47·2	42·7	52·0	36·5	19th	57·7	31st	2·4	1·8	2·1	·281	·268	·275	83	88	86
April -	·943	53·8	50·2	52·0	46·2	57·6	36·6	13th	68·0	25th	4·8	3·2	4·0	·290	·284	·287	70	79	75
May -	·869	58·0	53·1	55·6	49·5	61·9	41·9	21st	68·1	10th	4·8	2·4	3·6	·347	·339	·343	72	83	78
June -	·844	63·5	58·4	61·0	54·0	66·8	47·8	2nd	**80·1**	**19th**	6·5	3·6	5·1	·381	·383	·382	65	78	72
July -	·763	63·0	59·6	61·3	56·7	66·4	52·5	28th	73·1	3rd	4·1	2·1	3·1	·440	·444	·442	77	87	82
August -	·870	64·0	60·5	62·3	57·5	68·1	51·0	27th	73·4	18th	3·8	2·0	2·9	·467	·462	·465	78	88	83
September	·737	59·0	55·5	57·3	52·2	62·6	44·1	23rd	71·9	6th	4·0	2·4	3·2	·380	·373	·377	76	85	81
October -	·768	52·8	51·2	52·0	47·6	57·2	34·8	31st	62·2	16th	2·2	1·8	2·0	·341	·330	·336	85	88	87
November	·854	45·2	45·1	45·2	40·8	48·7	32·9	27th	57·3	2nd	2·5	2·5	2·5	·245	·244	·245	82	81	82
December	29·829	44·5	43·4	44·0	39·9	48·5	26·9	3rd	54·6	13th	2·0	2·1	2·1	·249	·236	·243	85	83	84
Year -	29·823	53·1	50·7	51·9	47·1	56·9	—	—	—	—	3·4	2·3	2·9	·325	·320	·323	78·8	84·7	81·8

LONDONDERRY

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

January -	29·937	39·2	39·7	39·5	35·9	43·6	**22·3**	**4th**	52·8	30th	1·4	1·6	1·5	·214	·216	·215	86·9	86·4	86·7
February -	·441	40·5	40·7	40·6	36·4	46·8	28·0	23rd	54·9	19th	1·6	1·8	1·7	·223	·222	·223	86·7	85·4	86·1
March -	29·934	45·8	45·4	45·6	40·0	53·0	31·6	17th	64·8	29th	2·5	2·2	2·4	·256	·259	·258	82·5	84·5	83·5
April -	30·075	50·9	49·0	50·0	43·0	60·0	35·4	12th	74·0	24th	3·5	2·7	3·1	·291	·286	·289	78·2	82·5	80·4
May -	29·931	57·5	53·5	55·5	48·9	63·5	40·6	1st	72·7	13th	4·5	2·5	3·5	·348	·345	·347	74·2	83·6	78·9
June -	·905	62·2	57·0	59·6	51·1	70·4	42·0	26th	82·0	17th	5·1	2·6	3·9	·406	·393	·400	72·3	83·9	78·1
July -	·784	61·2	57·4	59·3	52·1	68·7	47·5	27th	79·0	1st	4·3	2·1	3·2	·408	·410	·409	75·9	86·6	81·3
August -	·829	62·5	59·2	60·9	54·3	69·6	43·0	6th	**84·0**	**15th**	3·8	1·9	2·9	·449	·449	·449	78·5	88·1	83·3
September	·698	54·1	52·9	53·5	48·3	62·1	38·8	11th	76·0	4th	2·3	1·8	2·1	·363	·358	·361	85·4	88·0	86·7
October -	·690	47·8	47·2	47·5	42·4	55·4	31·8	31st	62·0	7, 20	1·5	1·5	1·5	·393	·296	·300	89·5	89·6	89·6
November	·964	42·3	42·1	42·2	37·1	47·5	29·5	15th	55·0	3rd	2·0	1·6	1·8	·233	·241	·237	84·5	87·9	86·2
December	29·678	42·4	42·1	42·3	37·1	46·1	29·4	2nd	54·0	16th	1·3	1·4	1·4	·247	·243	·245	89·2	89·1	89·2
Year -	29·822	50·5	48·9	49·7	43·9	57·2	—	—	—	—	2·8	2·0	2·4	·312	·310	·311	82·0	86·3	84·2

LISSAN

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

January -	29·724	37·8	37·4	37·6	33·1	41·8	**20·0**	**2nd**	50·0	24th	1·2	1·0	1·1	·202	·204	·203	90	92	91
February -	·252	39·4	38·3	38·9	33·5	45·1	24·0	25th	51·0	1st	0·8	0·9	0·9	·226	·213	·220	94	93	94
March -	·730	42·5	42·4	42·5	36·1	51·9	28·0	21st	62·0	26th	1·7	1·7	1·7	·236	·235	·236	87	87	87
April -	·843	49·0	48·7	48·9	39·2	59·3	30·0	10th	70·0	25th	2·7	2·4	2·6	·283	·286	·285	81	83	82
May -	·714	54·7	53·6	54·2	47·4	61·5	38·0	10th	71·0	14th	3·1	2·4	2·8	·344	·344	·344	80	83	82
June -	·696	59·7	56·9	58·3	48·5	66·5	41·0	26th	78·0	19th	3·8	2·7	3·3	·396	·384	·390	77	83	80
July -	·579	59·2	57·5	58·4	49·7	67·1	42·0	1st	73·0	3rd	3·5	2·9	3·2	·397	·389	·393	79	82	81
August -	·624	59·7	58·7	59·2	52·5	67·7	44·0	29th	**81·0**	**16th**	2·7	2·0	2·4	·440	·432	·436	89	87	88
September	·503	54·0	51·6	52·8	46·0	61·1	34·0	12th	70·0	4th	2·6	1·8	2·2	·344	·335	·340	82	88	85
October	·494	46·6	45·3	46·0	40·2	54·5	29·0	31st	62·0	15th	1·4	1·6	1·5	·285	·265	·275	90	88	89
November	·724	41·7	40·6	41·2	36·3	46·8	30·0	5th	56·0	29th	1·9	1·5	1·7	·225	·221	·223	86	88	87
December	29·487	40·0	40·1	40·1	34·8	45·4	26·0	2nd	53·0	17th	1·0	0·9	1·0	·226	·229	·228	92	93	93
Year -	29·614	48·7	47·6	48·2	41·4	55·7	—	—		—	2·2	1·8	2·0	·300	·295	·298	85·6	87·3	86·5

FALMOUTH.

Heights above Ground:—Barometer, 16 feet. Thermometers, 4 feet. Rain-gauge, 2 feet.

1893.	Amount of Cloud. 9a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January - -	7·6	6·4	7·0	3·215	·490	30th	18	2	1	0	2	16	5	11	5	5	5	6	6	8	9	7
February - -	7·1	6·8	7·0	5·520	·795	25th	24	0	4	1	0	11	3	1	3	1	7	12	10	15	4	3
March - -	4·5	3·1	3·8	0·540	·340	1st	7	0	0	0	14	7	1	7	2	13	5	2	7	5	9	12
April - -	3·8	3·1	3·5	0·055	·030	1st	3	0	0	0	12	3	1	8	8	16	5	3	1	2	4	13
May - -	5·4	2·6	4·0	0·665	·420	19th	7	0	0	0	9	4	0	12	3	9	6	5	6	5	7	9
June - -	4·3	3·0	3·7	1·195	·385	26th	8	0	0	0	12	4	0	7	3	12	6	4	3	8	9	8
July - -	6·7	4·9	5·8	5·130	1·330	4th	14	0	0	1	3	7	0	11	1	1	2	6	9	7	19	6
August - -	5·2	3·4	4·3	1·205	·365	3rd	13	0	0	0	7	3	0	9	3	4	2	7	16	6	6	9
September -	5·7	4·4	5·1	2·835	·600	28th	17	0	0	1	3	4	0	10	5	3	4	0	8	13	9	8
October - -	6·6	5·1	5·9	4·705	**1·400**	**6th**	21	0	2	1	2	8	0	6	2	1	0	3	16	13	7	14
November -	6·6	6·0	6·3	4·265	1·040	17th	15	1	2	0	3	10	5	13	12	6	3	1	6	10	6	3
December -	5·8	5·4	5·6	5·760	1·280	11th	15	0	2	0	5	7	7	8	6	1	1	14	12	12	5	3
Year -	5·8	4·5	5·2	35·090	—	—	162	3	11	4	72	84	22	103	53	72	46	63	100	104	94	95

LONDONDERRY.

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

January - -	8·9	7·6	8·3	2·770	·650	15th	23	5	1	0	0	19	0	2	8	4	7	4	15	4	15	3
February - -	8·3	6·3	7·3	4·170	·550	13th	23	4	3	0	1	14	2	0	3	4	3	9	10	10	12	5
March - -	7·8	5·4	6·6	2·140	·420	1st	17	2	2	0	2	12	1	0	2	3	5	2	22	13	11	4
April - -	6·8	4·6	5·7	1·210	·240	16th	8	0	0	0	8	10	0	2	8	4	5	7	10	3	12	9
May - -	8·6	7·5	8·1	1·350	·260	1st	15	0	0	1	2	21	0	2	6	4	9	1	13	5	12	10
June - -	7·1	6·0	6·6	2·060	·390	27th	11	0	0	3	4	12	0	3	5	11	3	2	13	2	11	10
July - -	8·5	6·5	7·5	3·930	**1·120**	**9th**	20	0	0	1	0	15	0	1	6	9	4	0	10	13	17	2
August - -	8·6	7·0	7·8	4·980	·690	23rd	28	0	0	4	0	17	0	1	4	4	6	0	25	4	13	5
September -	7·1	6·1	6·6	4·150	·550	20th	23	0	0	0	2	12	0	2	3	0	0	1	20	8	21	5
October - -	6·9	6·2	6·6	4·870	·580	24th	27	1	0	0	3	12	0	1	1	1	2	4	24	13	12	4
November -	7·6	7·6	7·6	3·340	·700	16th	21	1	2	0	4	17	1	7	7	7	5	2	11	8	7	6
December -	8·2	7·9	8·1	3·920	·450	6th	28	4	2	0	1	19	1	3	0	0	4	2	31	10	8	4
Yaer -	7·9	6·6	7·3	38·890	—	—	244	17	10	9	27	180	5	24	53	51	53	34	204	93	151	67

LISSAN.

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

				ins.	ins.																	
January - -	—	—	—	3·350	·600	6th	24	1	0	0	—	—	1	9	7	5	3	3	10	9	16	0
February - -	—	—	—	4·310	·680	14th	23	1	0	1	—	—	3	4	9	2	8	9	5	7	12	0
March - -	—	—	—	2·340	·670	1st	15	1	0	0	—	—	0	4	5	6	1	7	8	18	13	0
April - -	—	—	—	1·690	·700	17th	7	0	0	0	—	—	0	6	10	3	6	5	4	10	16	0
May - -	—	—	—	1·470	·230	2nd	14	0	0	2	—	—	0	3	5	9	8	14	7	4	12	0
June - -	—	—	—	1·980	·600	27th	12	0	0	3	—	—	0	17	6	1	7	5	6	6	12	0
July - -	—	—	—	2·890	·930	19th	18	0	0	1	—	—	0	13	6	1	7	4	9	11	11	0
August - -	—	—	—	5·280	**1·420**	**7th**	26	0	0	5	—	—	1	8	0	2	6	9	13	15	9	0
September -	—	—	—	2·960	·610	26th	20	0	0	3	—	—	0	7	1	0	1	7	8	14	22	0
October - -	—	—	—	4·220	·600	10th	23	0	0	1	—	—	0	0	0	0	0	5	7	21	29	0
November -	—	—	—	3·350	·960	18th	19	0	0	0	—	—	0	14	7	1	1	1	6	8	22	0
December -	—	—	—	5·050	·640	28th	30	0	0	1	—	—	0	5	0	0	4	4	11	18	20	0
Year -	—	—	—	38·890	—	—	231	3	0	17	—	—	5	90	56	30	52	73	94	141	194	0

ARMAGH

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

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·813	38·5	38·1	38·3	34·4	42·6	**20·5**	**4th**	51·0	23, 30	0·8	0·9	0·9	·223	·216	·220	93·1	91·8	92·5
February -	·339	40·4	39·9	40·2	35·2	45·6	21·7	25th	52·2	18th	1·4	1·1	1·3	·227	·228	·228	89·2	89·8	89·5
March -	·827	47·2	44·1	45·7	37·5	52·9	30·1	17th	62·0	25th	2·8	2·1	2·5	·263	·246	·255	80·6	85·0	82·8
April -	·947	50·8	47·2	49·0	39·8	58·7	31·0	4th	67·4	24th	2·3	1·3	1·8	·317	·298	·308	84·9	90·8	87·9
May -	·807	56·5	52·4	54·5	46·8	61·1	36·3	31st	69·3	14th	3·2	1·4	2·3	·370	·358	·364	80·9	90·4	85·7
June -	·773	61·1	55·9	58·5	49·7	67·1	43·1	20th	77·6	18th	4·7	2·1	3·4	·398	·390	·394	73·2	86·7	80·0
July -	·659	60·9	57·1	59·0	51·4	66·9	45·0	27th	73·9	1st	3·7	2·1	2·9	·421	·406	·414	79·0	86·6	82·8
August -	·715	61·5	58·6	60·1	52·9	67·6	43·1	29th	**79·0**	**15th**	3·6	2·1	2·9	·434	·435	·435	79·1	87·2	83·2
September	·588	55·9	51·0	53·5	46·1	60·9	35·7	23rd	70·0	4th	3·0	1·4	2·2	·368	·344	·356	81·6	90·3	86·0
October -	·588	48·7	46·1	47·4	41·1	54·7	28·9	31st	62·3	20th	1·7	1·3	1·5	·309	·289	·299	88·1	90·4	89·3
November	·825	41·5	40·4	41·0	35·1	46·7	24·2	7th	55·2	3rd	1·9	1·4	1·7	·227	·228	·228	84·1	88·0	86·1
December	29·585	41·1	40·9	41·0	36·5	45·9	27·0	2nd	53·9	15th	1·2	1·4	1·3	·237	·232	·235	89·8	88·6	89·2
Year -	29·706	50·3	47·6	49·0	42·2	55·9	—	—	—	—	2·5	1·6	2·1	·316	·306	·311	83·6	88·8	86·2

BROOKEBOROUGH (Colebrooke Park)

Long. 7° 22′ W. Lat. 54° 21′ N. Height above Mean Sea Level, 271 feet. Gravity Correction, + ·024 in.

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·750	37·7	38·2	38·0	33·6	42·7	**16·0**	**3rd**	52·1	30th	1·2	1·2	1·2	·203	·206	·205	89·7	89·6	89·7
February -	·276	38·9	39·4	39·2	34·2	45·8	22·5	25, 28	52·0	18, 19	1·4	1·4	1·4	·210	·214	·212	88·8	88·8	88·8
March -	·762	44·8	44·6	44·7	38·1	52·9	29·6	14th	66·0	29th	2·1	2·0	2·1	·250	·250	·250	84·4	84·8	84·6
April -	·876	49·0	48·4	48·7	39·5	59·6	30·2	10th	71·2	22nd	2·6	2·6	2·6	·285	·278	·282	82·0	82·2	82·1
May -	·735	54·4	52·8	53·6	47·5	62·4	35·0	31st	72·8	14th	3·0	1·9	2·5	·340	·348	·344	80·0	86·4	83·2
June -	·711	60·2	56·3	58·3	49·4	67·5	42·5	30th	80·3	18th	2·9	1·7	2·3	·429	·404	·417	83·0	89·2	86·1
July -	·599	59·6	57·2	58·4	50·9	66·8	45·0	3, 22	74·2	1st	2·9	2·2	2·6	·420	·403	·412	82·4	85·8	84·1
August -	·647	60·4	59·3	59·9	53·5	67·6	39·5	29th	**81·0**	**15th**	2·8	2·2	2·5	·436	·435	·436	83·6	87·2	85·4
September	·527	53·9	51·2	52·6	45·6	61·2	33·0	24th	72·3	4th	1·8	1·6	1·7	·364	·335	·350	87·7	88·8	88·3
October -	·522	46·5	45·1	45·8	38·7	54·9	27·8	31st	62·0	20th	1·3	1·2	1·3	·286	·272	·279	90·5	90·4	90·5
November	·767	39·4	39·5	39·5	34·4	47·2	21·8	21st	55·5	28th	1·7	1·3	1·5	·208	·216	·212	86·8	90·0	88·4
December	29·511	40·2	40·4	40·3	35·7	45·7	20·0	2nd	53·5	15th	1·2	1·4	1·3	·224	·222	·223	90·4	88·8	89·6
Year -	29·640	48·8	47·7	48·3	41·8	56·2	—	—	—	—	2·1	1·7	1·9	·305	·299	·302	85·8	87·7	86·8

MARKREE CASTLE (Sligo)

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·880	38·4	38·5	38·5	33·6	43·4	**13·3**	**3rd**	52·9	30th	1·0	1·1	1·1	·218	·216	·217	91·0	90·9	91·0
February -	·403	39·5	40·2	39·9	33·8	46·1	17·7	25th	53·0	18th	1·4	1·4	1·4	·220	·226	·223	88·0	88·8	88·4
March -	29·899	46·1	44·5	45·3	38·5	53·1	28·5	14th	64·0	29th	1·8	1·5	1·7	·273	·263	·268	87·0	89·1	88·1
April -	30·005	51·4	48·1	49·8	40·3	58·3	29·4	12th	69·9	21st	3·1	1·6	2·4	·305	·302	·304	80·2	88·8	84·5
May -	29·857	56·8	53·0	54·9	47·1	62·4	33·4	31st	71·2	14th	3·2	1·3	2·3	·372	·367	·370	80·7	91·1	85·9
June -	·841	61·8	55·9	58·9	49·0	67·0	38·9	30th	77·0	17th	4·5	2·1	3·3	·416	·390	·403	75·0	86·6	80·8
July -	·738	61·2	56·8	59·0	51·2	66·0	42·1	3, 21	73·3	5th	3·8	1·9	2·9	·423	·406	·415	78·1	87·5	82·8
August -	·772	61·6	58·3	60·0	53·0	67·8	41·1	26th	**80·2**	**15th**	3·4	1·5	2·5	·444	·446	·445	80·4	90·4	85·4
September	·670	55·8	51·6	53·7	46·3	61·1	33·7	11th	71·6	4th	2·7	1·7	2·2	·374	·346	·360	82·8	88·7	85·8
October -	·661	49·2	45·7	47·5	39·2	55·1	25·0	31st	63·7	14th	1·7	1·3	1·5	·314	·286	·300	88·0	90·5	89·3
November	·924	41·4	40·2	40·8	34·2	47·7	19·9	8th	56·4	28th	1·9	1·2	1·6	·229	·232	·231	85·0	90·2	87·6
December	29·652	41·2	40·6	40·9	35·3	46·1	22·9	2nd	53·6	15th	1·0	1·1	1·1	·243	·235	·239	91·2	90·8	91·0
Year	29·775	50·4	47·8	49·1	41·8	56·2	—	—	—	—	2·5	1·5	2·0	·319	·310	·315	84·0	89·5	86·8

ARMAGH.

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

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	8·6	7·9	8·3	1·586	·310	15th	22	3	0	0	1	21	0	5	7	5	5	7	17	12	4	0
February -	8·5	7·4	8·0	2·796	·535	13th	20	4	3	0	1	17	1	0	5	4	4	15	19	5	2	2
March -	7·6	6·6	7·1	0·996	·270	2nd	11	1	1	0	4	17	0	1	3	4	2	15	26	9	2	0
April -	6·1	4·6	5·4	0·943	·650	16th	11	0	2	0	5	8	0	3	11	2	6	6	12	3	2	15
May -	7·8	7·6	7·7	1·120	·252	16th	13	0	0	0	2	20	0	5	5	8	11	11	10	3	5	4
June -	7·1	7·2	7·2	1·593	·505	28th	9	0	0	3	1	14	0	7	10	4	9	5	6	3	6	10
July -	8·2	7·5	7·9	2·185	·530	9th	17	0	0	3	2	16	0	5	7	2	4	6	16	8	8	6
August -	8·4	7·3	7·9	4·545	**·812**	**20th**	19	0	0	3	0	15	0	6	4	1	4	16	20	2	9	0
September	7·5	6·9	7·2	1·417	·262	25th	19	0	0	0	2	13	0	6	0	1	0	5	28	8	10	2
October -	7·2	7·4	7·3	2·713	·350	25th	21	0	0	0	0	12	0	1	0	0	0	10	37	6	2	6
November	7·2	7·6	7·4	1·584	·570	16th	11	3	0	0	3	18	0	15	12	4	2	1	16	4	4	2
December	8·0	8·1	8·1	2·802	·292	24th	21	3	0	0	0	18	0	1	1	0	2	19	30	5	3	1
Year -	7·7	7·2	7·5	24·280	—	—	194	14	6	9	21	189	1	55	65	35	49	116	237	68	57	48

BROOKEBOROUGH (Colebrooke Park).

Heights above Ground:—Barometer, — 16 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

				ins.	ins.																	
January -	9·0	7·7	8·4	2·844	·420	15th	18	6	0	0	1	21	0	0	8	0	9	0	22	0	4	19
February -	8·7	7·9	8·3	5·274	**1·760**	**7th**	20	2	2	1	0	18	1	1	3	0	3	2	30	2	2	13
March -	8·4	6·8	7·6	1·425	·402	2nd	14	2	0	0	2	16	0	0	9	0	2	3	19	1	6	22
April -	7·2	5·0	6·1	0·970	·435	16th	7	0	0	0	4	9	0	4	15	0	1	0	11	0	8	21
May -	9·3	8·9	9·1	1·634	·350	19th	13	0	0	0	0	26	0	3	11	0	6	6	10	1	6	19
June -	7·8	7·5	7·7	2·831	·848	27th	13	0	1	3	3	18	0	5	7	0	4	5	9	0	11	19
July -	8·9	8·3	8·6	4·661	·820	10th	17	0	0	4	0	21	0	7	2	0	1	9	7	2	15	19
August -	9·4	8·6	9·0	5·106	1·625	6th	21	0	0	4	0	26	1	7	3	0	5	3	24	0	10	10
September	7·9	7·3	7·6	2·741	·402	6th	18	0	0	0	2	17	0	10	1	0	0	1	17	2	9	20
October -	8·8	6·9	7·9	3·705	·572	24th	23	0	0	0	1	16	0	0	1	0	1	2	19	6	5	28
November	7·5	7·5	7·5	2·984	·892	16th	14	1	0	0	5	20	2	3	9	0	1	1	10	1	11	24
December	8·5	7·1	7·8	4·400	·680	27th	24	4	0	0	1	18	1	1	0	0	4	2	28	4	5	18
Year -	8·5	7·5	8·0	38·575	—	—	202	15	3	12	19	226	5	41	69	0	37	34	206	19	92	232

MARKREE CASTLE (Sligo).

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

				ins.	ins.																	
January -	9·0	8·8	8·9	2·770	·680	15th	25	3	0	0	0	24	0	7	1	9	8	10	8	5	6	8
February -	8·7	9·3	9·0	4·080	·640	13th	23	1	1	3	0	23	1	2	1	2	11	13	11	3	1	12
March -	9·1	8·6	8·9	1·550	·350	16th	16	0	2	0	0	24	0	2	1	1	16	14	10	7	4	7
April -	8·4	7·5	8·0	1·580	·670	16th	12	0	0	0	0	14	0	10	5	5	8	8	3	2	6	13
May -	9·2	9·2	9·2	1·530	·310	19th	15	0	0	2	0	25	0	8	2	3	15	8	4	2	9	11
June -	8·7	8·4	8·6	2·540	·420	27th	12	0	0	3	0	19	0	7	7	5	12	10	4	1	6	8
July -	9·1	9·3	9·2	2·510	·640	18th	23	0	0	1	0	26	0	8	11	3	6	5	4	7	8	10
August -	9·3	8·7	9·0	4·290	**·890**	**6th**	23	0	0	1	0	25	0	8	1	1	12	17	6	4	2	11
September	8·8	8·4	8·6	3·610	·350	19, 22	23	0	1	0	0	21	0	6	1	1	9	10	12	6	8	7
October -	8·6	8·8	8·7	4·010	·760	24th	24	0	0	1	0	22	0	2	1	0	7	15	12	5	2	18
November	8·1	8·4	8·3	2·950	·510	16th	17	0	0	0	0	21	1	12	5	4	3	3	8	5	6	14
December	8·9	9·3	9·1	4·780	·700	27th	28	2	4	1	0	23	1	2	1	0	9	20	14	3	4	9
Year -	8·8	8·7	8·8	36·200	—	—	241	6	8	12	0	267	3	74	37	34	116	133	96	50	62	128

ARLEY COTTAGE, MOUNT NUGENT

Long. 7° 18′ W. Lat. 53° 50′ N. Height above Mean Sea Level, 262 feet. Gravity Correction, + ·024 in.

1893.	Mean Pressure at 32° Fahr.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·795	37·7	37·3	37·5	32·7	42·3	**16·1**	**3rd**	50·0	3rd	0·9	0·7	0·8	·213	·214	·214	91·6	93·5	92·6
February -	·333	39·0	39·3	39·2	34·2	45·4	21·2	25th	51·1	7th	0·8	0·9	0·9	·224	·228	·226	91·8	92·0	91·9
March -	·818	46·1	43·5	44·8	37·7	53·3	31·2	14th	64·0	25th	1·9	1·3	1·6	·270	·256	·263	86·2	89·7	88·0
April -	·915	51·2	47·4	49·3	40·6	60·3	33·2	2nd	70·9	19, 24	2·7	1·7	2·2	·311	·290	·301	81·9	87·6	84·8
May -	·777	56·5	52·7	54·6	47·8	63·9	37·2	31st	72·9	5, 13	3·3	1·7	2·5	·365	·353	·359	80·1	88·3	84·2
June -	·750	60·2	56·2	58·2	49·8	68·2	41·6	2nd	80·1	18th	3·4	1·9	2·7	·421	·400	·411	79·9	87·4	83·7
July -	·644	60·3	57·4	58·9	51·9	67·8	46·1	27th	75·1	1st	2·6	1·7	2·2	·444	·422	·433	84·7	89·1	86·9
August -	·702	61·3	59·2	60·3	53·5	69·6	41·9	26th	**82·5**	**15th**	2·6	1·6	2·1	·462	·459	·461	84·3	90·2	87·3
September	·588	55·7	50·9	53·3	46·3	61·9	34·3	21, 24	74·9	4th	2·5	1·1	1·8	·378	·351	·365	83·8	91·9	87·9
October -	·588	47·8	45·4	46·6	39·7	54·7	27·4	31st	61·9	16th	1·4	1·0	1·2	·305	·287	·296	89·3	92·5	90·9
November	·818	40·4	39·6	40·0	34·6	46·2	25·7	5th	55·2	3rd	1·6	1·1	1·4	·222	·225	·224	85·8	89·2	87·5
December	29·590	40·0	39·1	39·6	34·7	44·5	21·3	2nd	51·1	16th	0·6	0·9	0·8	·240	·224	·232	94·5	91·6	93·1
Year -	29·693	49·7	47·3	48·5	42·0	56·5	—	—	—	—	2·0	1·3	1·7	·321	·309	·315	86·2	90·3	88·3

CURRYGRANE (Edgeworthstown)

Long. 7° 39′ W. Lat. 53° 45′ N. Height above Mean Sea Level, 267 feet. Gravity Correction, + ·022 in.

	ins.	°	°	°	°	°	**16·0**	**3rd**	°	—	°	°	°	in.	in.	in.	%	%	%
January -	29·717	37·7	37·8	37·8	33·0	—					0·6	0·5	0·6	·226	·226	·226	96·0	96·0	96·0
February -	·255	38·7	39·0	38·9	33·6	51·0	21·0	25th	60·0	18th	0·3	0·6	0·5	·240	·236	·238	97·4	95·2	96·3
March -	·744	45·2	43·7	44·5	37·9	53·4	31·0	17th	65·0	25th	1·1	1·1	1·1	·284	·268	·276	92·2	92·1	92·2
April -	·835	50·5	47·1	48·8	40·1	59·7	31·0	2, 13	70·0	24th	2·3	1·6	2·0	·319	·296	·308	85·0	88·5	86·8
May -	·698	55·7	52·1	53·9	46·5	63·7	36·0	31st	74·0	13th	3·2	1·9	2·6	·364	·347	·356	80·7	87·5	84·1
June -	·673	59·8	55·7	57·8	49·3	67·8	41·5	26th	**81·0**	**18th**	3·7	2·2	3·0	·412	·395	·404	78·4	86·3	82·4
July -	·568	59·7	56·2	58·0	50·8	67·1	43·0	21st	74·0	1st	3·2	2·0	2·6	·424	·404	·414	81·3	87·5	84·4
August -	·620	60·5	57·9	59·2	52·8	68·3	39·5	26th	**81·0**	**14th**	3·0	1·5	2·3	·447	·450	·449	82·4	90·5	86·5
September	·518	54·7	50·2	52·5	44·6	—	33·0	21st	—	—	2·1	1·1	1·6	·382	·349	·366	86·3	92·1	89·2
October -	·507	46·9	45·4	46·2	38·5	*53·9*	29·0	30, 31	*62·0*	20th	1·2	1·3	1·3	·308	·287	·298	91·3	90·2	90·8
November	·736	39·9	39·4	39·7	33·8	45·6	25·0	5th	54·5	3rd	1·5	1·3	1·4	·227	·226	·227	87·3	88·1	87·7
December	29·498	40·3	39·1	39·7	34·4	44·7	24·0	2nd	*52·0*	16th	0·7	0·8	0·8	·247	·233	·240	93·8	93·0	93·4
Year -	29·614	49·1	47·0	48·1	41·3	—	—	—	—	—	1·9	1·3	1·6	·323	·310	·317	87·7	90·6	89·2

GLASNEVIN (Botanic Gardens)

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

	ins.	°	°	°	°	°	**15·0**	**3rd**	°		°	°	°	in.	in.	in.	%	%	%
January -	29·973	39·5	39·7	39·6	35·1	44·4			54·2	30th	0·9	0·8	0·9	·228	·233	·231	92·4	93·1	92·8
February -	29·521	40·9	41·9	41·4	36·6	47·5	24·0	28th	57·2	18th	1·0	1·0	1·0	·239	·251	·245	91·4	92·2	91·8
March -	30·007	48·5	43·8	46·2	37·8	53·8	30·0	22, 27	62·2	29th	2·1	0·8	1·5	·293	·271	·282	85·7	94·1	89·9
April -	30·091	52·5	46·1	49·3	39·5	58·8	29·0	10th	69·0	20th	3·0	0·8	1·9	·320	·300	·310	80·6	94·6	87·6
May -	29·960	56·3	52·3	54·3	47·1	61·8	38·0	31st	69·0	11th	2·9	0·9	1·9	·374	·370	·372	82·3	93·7	88·0
June -	·930	62·3	56·2	59·3	49·3	67·0	41·0	2, 4	75·0	19th	2·7	0·6	1·7	·475	·436	·456	84·1	95·5	89·8
July -	·822	62·0	58·2	60·1	51·9	69·0	45·0	27th	76·1	23rd	1·8	0·5	1·2	·498	·470	·484	89·8	96·7	93·3
August -	·893	63·2	59·2	61·2	53·2	70·0	42·0	28th	**80·6**	**15th**	2·7	1·1	1·9	·492	·477	·485	84·6	93·6	89·1
September	·767	57·2	51·8	54·5	45·7	63·5	35·0	24th	73·0	4th	2·4	0·8	1·6	·403	·372	·388	85·3	94·7	90·0
October -	·783	50·1	46·4	48·3	40·4	57·1	28·0	30, 31	67·0	21st	1·8	0·8	1·3	·325	·306	·316	87·6	94·0	90·8
November	·979	42·6	42·6	42·6	36·7	48·7	26·0	5th	57·4	3rd	1·3	0·8	1·1	·249	·260	·255	89·5	93·1	91·3
December	29·791	42·6	41·5	42·1	36·7	47·7	24·6	2nd	58·0	15th	0·8	0·8	0·8	·261	·249	·255	93·1	93·4	93·3
Year -	29·876	51·5	48·3	49·9	42·5	57·4	—	—	—	—	2·0	0·8	1·4	·346	·333	·340	87·2	94·1	90·7

ARLEY COTTAGE (Mount Nugent).

Heights above Ground:—Barometer, —36 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January - -	8·5	7·0	7·8	2·120	·330	15th	25	4	2	0	1	18	2	8	2	10	3	6	4	19	3	7
February - -	7·9	7·0	7·5	2·980	·540	13th	22	8	0	2	1	15	1	2	1	5	4	12	12	11	1	8
March - -	7·5	6·0	6·8	1·010	·300	2nd	13	2	1	0	4	15	0	1	0	7	6	4	9	18	3	14
April - -	6·6	4·0	5·3	1·040	·560	16th	9	0	1	0	6	7	0	4	8	16	2	2	4	9	2	13
May - -	8·3	7·7	8·0	2·520	·710	19th	11	0	0	4	0	21	0	2	0	10	4	9	3	9	0	25
June - -	7·3	6·1	6·7	2·490	·490	28th	14	0	1	3	2	14	0	3	0	4	0	5	1	8	2	37
July - -	8·6	7·4	8·0	3·150	·600	10th	21	0	0	5	1	18	0	2	0	2	1	5	3	12	4	33
August - -	8·6	6·9	7·8	3·710	·700	20th	22	0	0	4	0	16	1	3	0	1	3	7	7	10	1	30
September -	7·7	5·1	6·4	1·550	·300	29th	18	0	2	0	2	11	0	2	0	1	0	2	8	17	3	27
October -	7·8	5·7	6·8	3·310	**·720**	**14th**	22	0	2	0	0	11	0	1	0	0	0	3	15	16	1	26
November -	7·4	6·9	7·2	1·470	·320	16th	16	1	1	0	3	16	2	3	8	11	2	0	10	7	4	15
December -	7·8	7·4	7·6	3·290	·480	12th	27	5	1	0	1	15	1	1	1	0	1	6	21	13	3	16
Year -	7·8	6·4	7·1	28·640	—	—	220	20	11	18	21	177	7	32	20	67	26	61	97	149	27	251

CURRYGRANE (Edgeworthstown).

Heights above Ground:—Barometer, —1 foot. Thermometers, 3 feet 6 inches. Rain-gauge, 1 foot.

				ins.	ins.																	
January - -	6·2	5·8	6·0	2·070	·420	15th	19	2	0	0	2	6	1	3	9	11	10	8	8	7	6	0
February - -	6·5	6·4	6·5	3·270	·610	13th	18	3	0	0	3	6	2	4	11	0	11	10	18	2	0	0
March - -	5·2	5·2	5·2	1·010	·220	2nd	14	2	1	0	3	3	0	1	2	7	2	17	16	14	3	0
April - -	4·6	3·7	4·2	1·000	·440	16th	6	0	0	0	5	3	0	7	17	2	7	5	9	6	7	0
May - -	5·1	5·2	5·2	2·470	·750	20th	11	0	0	0	1	1	0	5	3	9	19	1	8	13	4	0
June - -	3·7	3·6	3·7	2·680	·710	28th	12	0	0	2	6	1	0	6	8	7	10	4	12	7	6	0
July - -	6·0	4·9	5·5	3·710	**1·140**	**12th**	19	0	0	3	1	2	0	7	3	3	6	3	13	14	13	0
August - -	6·0	5·4	5·7	4·370	·650	6th	19	0	0	1	0	0	1	8	0	3	5	9	23	8	6	0
September -	5·0	4·3	4·7	1·670	·290	29th	13	0	0	0	4	3	0	2	3	2	0	5	25	7	16	0
October - -	5·9	4·4	5·2	3·710	·860	14th	16	0	0	0	3	3	0	2	0	0	0	11	34	10	5	0
November -	5·6	5·4	5·5	1·410	·300	29th	11	0	0	0	4	7	0	20	7	4	3	2	13	4	7	0
December -	5·7	5·6	5·7	3·740	·450	27th	23	0	0	0	1	3	0	3	1	0	4	16	26	4	8	0
Year -	5·5	5·0	5·3	31·110	—	—	181	7	1	6	33	38	4	68	64	48	77	91	205	96	81	0

GLASNEVIN (Botanic Gardens).

Heights above Ground:—Barometer, 3 feet. Thermometers, 3 feet 6 inches. Rain-gauge, 1 foot.

				ins.	ins.																	
January - -	6·4	6·6	6·5	2·580	·670	31st	14	3	1	0	0	9	0	0	1	3	21	2	22	2	4	7
February - -	7·2	3·6	5·4	2·750	·480	1, 9	19	4	1	0	3	7	0	0	7	0	11	1	21	5	4	7
March - -	5·0	2·5	3·8	0·360	·150	2nd	5	1	1	0	8	3	0	0	6	0	14	0	28	2	3	9
April - -	5·1	3·0	4·1	1·140	·440	17th	6	0	0	0	8	4	0	0	6	2	13	1	7	3	4	24
May - -	6·3	5·6	6·0	2·320	**1·020**	**20th**	10	0	0	2	5	5	0	0	8	0	20	0	14	0	0	20
June - -	5·7	5·2	5·5	1·960	·730	26th	11	0	0	1	5	2	0	0	4	1	10	0	18	1	2	24
July - -	7·0	5·8	6·4	2·290	·690	12th	13	0	0	1	1	2	0	0	2	0	12	0	21	1	9	17
August - -	6·8	5·0	5·9	3·400	·660	20th	16	0	0	2	1	2	0	0	0	0	5	0	30	1	2	24
September -	5·5	3·1	4·3	1·090	·220	28th	14	0	0	0	5	4	0	0	4	0	2	0	25	4	10	15
October - -	5·4	4·5	5·0	1·140	·260	14th	15	0	0	0	6	3	0	0	0	0	1	0	31	4	6	20
November -	7·1	5·3	6·2	2·000	·750	16th	13	3	2	0	0	9	0	2	7	1	10	0	20	3	8	9
December -	6·8	5·0	5·9	2·720	·700	24th	15	0	0	0	2	7	0	1	1	0	3	1	20	5	20	11
Year -	6·2	4·6	5·4	23·750	—	—	151	11	5	6	44	57	0	3	46	7	122	5	257	31	72	187

DUBLIN (Phœnix Park)

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

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·883	39·0	39·2	39·1	34·5	44·3	13·6	3rd	55·2	30th	1·5	1·4	1·5	·211	·218	·215	87·3	88·7	88·0
February -	·436	40·6	41·2	40·9	35·3	47·2	21·7	25th	55·9	18th	1·9	1·9	1·9	·218	·225	·222	84·6	84·5	84·6
March -	29·921	47·2	43·5	45·4	36·7	54·3	28·8	22, 27	63·5	24th	2·9	2·2	2·6	·260	·240	·250	80·2	83·8	82·0
April -	30·002	51·5	45·1	48·3	38·5	58·2	27·7	14th	66·9	20th	3·5	1·8	2·7	·299	·263	·281	77·7	86·8	82·3
May -	29·872	56·0	52·1	54·1	46·2	62·2	36·8	10th	71·4	11th	3·6	2·1	2·9	·350	·336	·343	78·3	85·8	82·1
June -	·838	61·6	55·2	58·4	47·9	66·6	39·0	2nd	76·4	19th	4·5	2·4	3·5	·412	·373	·393	74·7	84·9	79·8
July -	·732	61·2	57·5	59·4	51·2	68·1	44·6	27th	74·9	23rd	4·1	2·8	3·5	·415	·394	·405	76·7	82·9	79·8
August -	·801	62·5	58·5	60·5	52·4	69·2	39·3	28th	82·0	15th	4·1	2·4	3·3	·438	·424	·431	76·9	85·2	81·1
September	·675	56·5	50·9	53·7	45·2	62·4	32·9	12th	72·9	4th	3·9	1·8	2·9	·354	·335	·345	76·8	87·9	82·4
October -	·686	49·4	46·6	48·0	40·7	56·0	26·7	31st	66·9	21st	2·8	2·0	2·4	·293	·281	·287	81·2	86·1	83·7
November	·895	42·2	42·3	42·3	36·1	47·9	23·4	7th	55·9	3rd	1·9	1·9	1·9	·234	·235	·235	85·3	85·3	85·3
December	29·706	42·5	41·3	41·9	36·1	47·3	24·8	2nd	56·8	15th	1·9	1·9	1·9	·239	·225	·232	85·2	85·2	85·2
Year -	29·787	50·9	47·8	49·4	41·7	57·0	—	—	—	—	3·1	2·1	2·6	·310	·296	·303	80·4	85·6	83·0

DUBLIN (City)

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·993	39·7	40·5	40·1	36·9	44·7	20·2	3rd	54·9	30th	1·6	1·9	1·8	·213	·214	·214	86·1	83·3	84·7
February -	29·544	41·0	42·3	41·7	37·8	47·5	26·0	25th	56·4	18th	2·0	2·1	2·1	·218	·228	·223	84·4	83·1	83·8
March -	30·026	46·6	46·4	46·5	41·5	54·6	34·0	17th	64·8	29th	2·8	3·1	3·0	·254	·247	·251	80·7	78·7	79·7
April -	30·113	50·8	49·8	50·3	44·6	58·2	36·2	14th	66·8	22nd	3·4	2·9	3·2	·288	·287	·288	77·6	80·3	79·0
May -	29·980	56·1	54·4	55·3	50·6	62·7	42·8	31st	70·2	11th	3·8	2·8	3·3	·346	·347	·347	77·4	82·3	79·9
June -	·945	61·1	58·6	59·9	53·4	66·3	46·9	23rd	74·7	19th	4·6	2·9	3·8	·399	·405	·402	74·3	82·6	78·5
July -	·839	61·0	59·9	60·5	55·0	68·1	50·0	22nd	74·5	23rd	4·2	3·3	3·8	·406	·413	·410	76·6	80·4	78·5
August -	·908	61·7	60·8	61·3	56·4	69·6	47·9	26th	79·8	15th	3·9	2·8	3·4	·430	·443	·437	78·1	82·7	80·4
September	·790	55·4	54·1	54·8	49·1	62·6	38·2	21st	72·0	5th	3·2	2·7	3·0	·351	·350	·351	79·8	82·7	81·3
October -	·797	49·2	48·4	48·8	43·9	56·0	31·7	31st	67·7	21st	2·5	2·1	2·3	·293	·293	·293	82·9	85·4	84·2
November	·999	43·1	43·5	43·3	38·9	48·7	30·8	7th	57·6	3rd	2·3	2·4	2·4	·232	·235	·234	83·0	82·4	82·7
December	29·809	43·1	42·5	42·8	38·9	48·1	28·3	2nd	56·7	15th	1·9	2·1	2·0	·240	·229	·235	85·3	83·8	84·6
Year -	29·895	50·7	50·1	50·4	45·6	57·3	—	—	—	—	3·0	2·6	2·8	·306	·308	·307	80·5	82·3	81·4

PARSONSTOWN (Birr Castle)

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·854	37·7	38·3	38·0	33·0	43·4	14·0	3rd	52·3	30th	1·1	0·9	1·0	·210	·219	·215	89·7	92·0	90·9
February -	·401	39·2	40·8	40·0	34·8	46·3	20·8	25th	55·2	18th	1·0	1·2	1·1	·225	·236	·231	91·1	89·9	90·5
March -	·888	46·4	45·4	45·9	39·0	54·2	31·8	10, 11	63·9	25th	1·7	1·5	1·6	·278	·273	·276	88·0	89·2	88·6
April -	·967	51·5	49·4	50·5	40·8	60·4	29·8	13th	72·5	21, 22	2·8	1·5	2·2	·314	·318	·316	82·0	89·4	85·7
May -	·837	57·3	53·9	55·6	46·7	64·0	37·8	10, 31	72·5	13th	2·8	1·8	2·3	·391	·369	·380	83·2	88·7	86·0
June -	·818	62·2	58·2	60·2	49·3	68·9	43·3	23rd	79·7	18th	3·5	1·8	2·7	·450	·435	·443	80·1	88·7	84·4
July -	·717	61·9	59·0	60·5	51·4	67·7	40·8	21st	73·7	1st	2·7	2·2	2·5	·469	·435	·452	84·5	86·8	85·7
August -	·769	62·6	59·5	61·1	53·8	69·6	41·3	27th	82·7	14th	4·2	2·5	3·4	·439	·438	·439	76·7	84·6	80·7
September	·673	55·4	51·6	53·5	45·9	61·9	29·8	21st	71·9	4th	2·9	2·0	2·5	·363	·340	·352	81·6	87·3	84·5
October -	·674	48·3	46·8	47·6	40·6	55·3	24·0	31st	64·2	20th	1·8	1·3	1·6	·304	·297	·301	87·3	90·3	88·8
November	·897	40·3	40·1	40·2	33·3	47·0	21·2	7th	55·1	3rd	1·9	1·2	1·6	·217	·230	·224	83·6	89·6	86·6
December	29·671	41·2	40·6	40·9	35·4	46·2	20·8	2nd	54·7	15th	1·2	1·3	1·3	·241	·231	·236	90·0	89·6	89·8
Year -	29·764	50·3	48·6	49·5	42·0	57·1	—	—	—	—	2·3	1·6	2·0	·325	·318	·322	84·8	88·8	86·8

DUBLIN (Phœnix Park).

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

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storms.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January -	6·3	6·4	6·4	2·420	·570	31st	23	4	0	0	0	9	0	2	2	8	10	3	4	19	3	11
February -	6·4	5·4	5·9	2·845	·520	9th	22	4	0	0	2	5	0	0	1	1	3	7	13	14	2	15
March -	4·9	3·9	4·4	0·460	·110	2nd	14	2	2	0	8	3	0	0	0	3	3	0	6	20	4	26
April -	4·4	2·5	3·5	0·780	·300	16th	6	0	0	0	12	2	0	1	1	10	2	1	1	8	3	33
May -	6·1	5·1	5·6	2·145	1·030	20th	10	0	0	2	4	6	0	1	1	8	4	0	4	6	2	36
June -	5·3	4·0	4·7	2·005	·570	26th	12	0	0	0	5	4	0	3	1	1	3	1	3	6	4	38
July -	6·3	6·0	6·2	2·920	1·120	12th	22	0	1	1	1	6	0	1	5	1	3	2	2	10	5	33
August -	5·6	5·0	5·3	2·525	·470	18th	18	0	0	3	3	4	0	3	1	0	1	2	11	11	4	29
September	5·6	4·3	5·0	0·855	·125	22nd	17	0	0	0	7	5	0	0	0	3	0	0	4	15	12	25
October -	4·8	4·7	4·8	1·190	·280	14th	18	0	1	0	11	5	0	0	0	0	0	0	14	23	0	25
November	6·6	6·6	6·6	1·730	·460	16th	22	3	0	0	1	9	0	10	3	7	2	0	4	14	7	13
December	5·7	4·3	5·0	2·565	·660	24th	23	1	0	0	3	3	1	2	0	0	1	6	24	15	2	12
Year -	5·7	4·9	5·3	22·440	—	—	207	14	4	6	57	61	1	23	15	42	32	22	90	161	48	297

DUBLIN (City).

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

				ins.	ins.																	
January -	6·8	7·2	7·0	2·239	·513	31st	19	4	4	0	0	9	4	3	3	9	6	7	4	19	10	1
February -	7·3	6·4	6·9	2·669	·480	9th	22	7	6	0	1	12	4	1	2	3	5	13	10	17	3	2
March -	5·1	4·7	4·9	0·288	·101	2nd	8	2	2	0	7	9	1	0	3	14	3	1	4	23	7	7
April -	4·7	3·3	4·0	1·046	·370	17th	7	0	1	0	9	5	0	4	11	11	4	1	4	11	10	4
May -	6·8	5·7	6·3	1·666	·720	20th	10	0	0	3	3	8	0	4	7	16	8	3	3	13	4	4
June -	4·9	4·4	4·7	1·716	·492	26th	12	0	0	1	8	2	1	6	4	15	6	2	6	9	7	5
July -	6·5	6·0	6·3	2·042	·871	12th	14	0	0	2	1	4	0	9	8	2	6	4	5	17	9	2
August -	5·5	5·3	5·4	2·713	·516	18th	16	0	1	2	2	3	3	5	2	3	4	8	14	12	11	3
September	5·4	4·1	4·8	0·729	·174	6th	14	0	0	1	6	2	0	4	1	4	0	1	9	22	16	3
October -	5·2	5·0	5·1	1·033	·322	14th	16	0	1	0	8	8	2	1	0	1	2	2	15	35	5	1
November	7·1	7·5	7·3	1·870	·821	16th	17	4	5	0	1	13	4	11	8	8	2	1	5	13	10	2
December	6·1	5·3	5·7	2·482	·499	24th	19	0	1	1	4	6	5	2	1	0	1	7	20	24	4	3
Year -	6·0	5·4	5·7	20·493	—	—	174	17	21	10	50	81	24	50	50	86	47	50	99	215	96	37

PARSONSTOWN (Birr Castle).

Heights above Ground:—Barometer, −2 feet. Thermometers, 4 feet 6 inches. Rain-gauge, 8 inches.

				ins.	ins.																	
January -	8·1	7·5	7·8	2·894	·450	15th	17	3	0	1	2	17	0	0	4	0	12	0	13	1	3	29
February -	6·9	7·9	7·4	2·974	·660	1st	19	4	2	0	1	14	0	0	0	0	7	0	19	1	2	27
March -	7·5	7·0	7·3	0·777	·195	2nd	10	0	2	0	4	18	0	0	0	0	7	0	18	2	0	35
April -	5·6	4·6	5·1	0·818	·424	16th	6	0	1	0	5	5	0	1	8	0	10	1	10	0	4	26
May -	7·6	6·9	7·3	2·713	·740	20th	10	0	0	3	0	14	0	1	4	0	11	2	14	0	2	28
June -	6·5	6·3	6·4	2·625	1·245	9th	8	0	1	1	1	6	0	2	4	0	10	1	11	2	10	20
July -	7·7	8·1	7·9	2·188	·595	9th	19	0	0	0	0	13	0	0	6	1	6	0	18	5	10	16
August -	7·7	7·0	7·4	3·763	·880	20th	15	0	0	1	1	12	0	0	2	0	16	2	15	3	7	17
September	7·2	5·2	6·2	2·295	·470	7th	13	0	2	1	2	8	0	1	2	0	12	2	28	5	3	7
October -	6·8	6·1	6·5	3·145	·528	17th	17	0	0	0	3	9	0	0	2	0	13	6	24	2	7	8
November	6·9	6·6	6·8	1·884	·255	1st	12	2	0	0	2	11	0	1	6	0	3	4	16	1	11	18
December	8·0	8·0	8·0	3·978	·600	24th	18	4	2	0	1	19	0	0	1	1	14	9	22	2	4	9
Year -	7·2	6·8	7·0	30·054	—	—	164	13	10	7	22	146	0	6	39	2	121	27	208	24	63	240

KILLARNEY

Long. 9° 30′ W. Lat. 52° 4′ N. Height above Mean Sea Level, 86 feet. Gravity Correction, + ·019 in.

1893.	Mean Pressure at 32° Faht.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min. and Max. Min.	Day.	Max.	Day.	Humidity. Dep. of Wet-Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·941	42·0	41·4	41·7	35·6	46·7	22·9	15th	53·5	30th	1·8	1·3	1·6	·229	·233	·231	86	89	88
February -	·517	43·5	42·9	43·2	37·1	48·6	22·4	28th	56·0	3rd	1·8	1·7	1·7	·242	·239	·241	86	87	86
March -	29·995	49·5	47·9	48·7	42·8	54·9	31·5	10th	65·0	29th	2·3	2·0	2·2	·296	·285	·290	83	85	84
April -	30·052	51·7	49·9	50·8	43·2	60·1	28·5	13th	68·0	25th	2·8	2·1	2·4	·311	·306	·309	81	85	83
May -	29·915	57·7	54·6	56·2	48·9	63·5	37·0	10th	70·0	10, 13	3·7	2·2	3·0	·369	·365	·367	77	85	81
June -	·903	62·2	59·0	60·6	50·4	68·5	42·0	4th	**81·0**	**18th**	4·3	2·3	3·3	·421	·427	·424	75	85	80
July -	·828	61·8	58·7	60·2	54·1	66·6	41·8	21st	75·2	5th	3·0	1·6	2·3	·453	·444	·448	82	90	86
August -	·861	63·7	61·2	62·5	55·3	68·0	40·5	27th	80·0	14th	3·9	2·5	3·2	·457	·459	·458	77	85	81
September	·799	56·5	52·8	54·6	46·3	62·3	30·6	22nd	72·1	2nd	2·8	2·0	2·4	·375	·345	·360	82	86	84
October -	29·802	50·9	48·6	49·8	41·9	56·9	27·5	31st	62·5	14th	1·5	1·3	1·4	·334	·309	·322	90	90	90
November	30·003	43·4	42·5	42·9	35·9	49·2	22·7	7th	60·9	3rd	1·9	1·5	1·7	·239	·239	·239	85	88	87
December	29·801	43·8	43·6	43·7	37·3	49·7	**20·8**	**2nd**	55·0	13, 15	1·0	1·2	1·1	·263	·257	·260	92	90	91
Year -	29·868	52·2	50·3	51·2	44·1	57·9	—	—	—	—	2·6	1·8	2·2	·332	·326	·329	83·0	87·1	85·1

VALENCIA

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

	ins.	°	°	°	°	°	°		°		°	°	°	in.	in.	in.	%	%	%
January -	29·997	43·1	43·6	43·4	39·8	46·8	29·4	3rd	52·0	30th	1·9	1·8	1·9	·243	·249	·246	85·5	86·6	86·1
February -	29·570	43·6	43·9	43·8	39·8	47·7	**27·3**	**28th**	52·5	6th	1·7	1·6	1·7	·251	·257	·254	86·9	87·8	87·4
March -	30·064	48·5	48·1	48·3	44·6	52·7	36·8	10th	60·4	28th	2·0	2·1	2·1	·296	·289	·293	87·0	86·4	86·7
April -	30·100	53·5	52·0	52·8	46·6	58·8	34·6	13th	66·8	21st	3·9	3·2	3·6	·313	·311	·312	76·7	79·9	78·3
May -	29·968	58·0	55·6	56·8	51·4	62·1	44·1	10th	67·4	5th	4·0	3·0	3·5	·369	·360	·365	77·0	81·4	79·2
June -	·969	62·0	60·0	61·0	53·6	67·5	46·1	3rd	**78·9**	**18th**	4·7	3·2	4·0	·412	·424	·418	74·1	81·5	77·8
July -	·899	61·4	59·7	60·6	56·0	65·5	45·6	21st	70·2	2nd	3·3	2·3	2·8	·440	·441	·441	81·1	86·2	83·7
August -	·924	62·7	61·3	62·0	57·3	67·0	46·0	29th	76·5	14th	3·0	2·5	2·8	·475	·464	·470	82·9	85·1	84·0
September	·863	56·7	55·4	56·1	50·6	60·9	39·0	21st	68·9	3rd	2·6	2·5	2·6	·390	·375	·383	83·3	83·9	83·6
October -	29·865	50·5	51·1	50·8	46·2	55·4	35·6	8th	61·1	16th	1·8	2·0	1·9	·328	·329	·329	87·6	86·3	87·0
November	30·061	45·3	44·8	45·1	40·4	49·1	29·1	21st	56·5	3rd	2·7	2·3	2·5	·250	·253	·252	80·4	83·3	81·9
December	29·854	45·2	45·1	45·2	41·2	48·9	29·9	2nd	54·2	15th	1·9	1·9	1·9	·266	·261	·264	86·2	85·5	85·9
Year -	29·928	52·5	51·7	52·1	47·3	56·9	—	—	—	—	2·8	2·4	2·6	·336	·334	·335	82·4	84·5	83·5

KILLARNEY.

Heights above Ground:—Barometer, 7 feet. Thermometers, 4 feet. Rain-gauge, 1 foot.

1893.	Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Day.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January - -	7·5	7·0	7·3	4·220	·960	25th	21	0	2	1	2	15	5	13	9	8	3	5	6	5	6	7
February - -	7·4	6·9	7·1	7·155	1·160	13th	25	0	0	1	0	11	6	4	1	10	6	0	9	18	3	5
March - -	6·2	5·5	5·9	0·675	·165	31st	9	0	0	0	4	8	1	6	1	12	2	2	7	13	6	13
April - -	5·7	4·5	5·1	1·275	·270	16th	11	0	0	0	8	8	0	5	4	12	5	2	5	3	3	21
May - -	6·9	7·1	7·0	0·980	·300	1st	9	0	0	0	1	15	0	9	2	7	6	7	5	5	9	12
June - -	6·2	6·5	6·3	1·525	·625	26th	12	0	1	2	4	11	0	8	5	8	1	4	8	9	6	11
July - -	8·3	7·2	7·8	3·442	**1·560**	**8th**	24	0	0	1	0	17	0	12	3	1	0	1	6	15	14	10
August - -	6·3	6·2	6·2	4·339	·665	10th	19	0	0	0	2	9	2	3	3	1	6	2	15	11	9	12
September -	6·4	5·4	5·9	3·185	·555	29th	21	0	0	0	3	9	0	8	5	1	5	2	8	14	4	13
October - -	7·4	5·3	6·4	3·921	·910	3rd	23	0	0	1	3	9	1	11	0	4	0	1	13	12	11	10
November -	7·5	6·1	6·8	3·367	·900	16th	16	0	1	1	4	15	4	9	9	12	1	0	3	13	3	10
December -	6·3	6·4	6·3	7·808	·870	12th	26	2	3	0	3	9	4	2	4	3	1	4	15	22	4	7
Year -	6·8	6·2	6·5	41·892	—	—	216	2	7	7	34	136	23	90	46	79	36	30	100	140	78	131

VALENCIA.

Heights above Ground:—Barometer, 15 feet. Thermometers, 4 feet. Rain-gauge, 2 feet.

				ins.	ins.																	
January - -	8·0	7·4	7·7	3·885	·930	25th	19	1	3	0	0	15	10	7	3	13	7	9	6	4	2	11
February - -	8·7	7·5	8·1	7·100	1·230	13th	24	0	7	0	0	14	10	3	2	7	3	16	11	9	2	3
March - -	7·5	6·7	7·1	1·100	·270	24th	15	0	0	0	3	14	2	1	0	4	10	11	8	5	6	17
April - -	5·0	4·8	4·9	1·145	·445	15th	11	0	0	1	9	7	1	5	11	9	5	9	1	2	3	15
May - -	7·5	7·5	7·5	1·850	·490	1st	11	0	0	0	1	15	5	4	4	7	11	7	8	8	4	9
June - -	6·4	6·5	6·5	2·140	·745	26th	13	0	0	2	2	11	1	5	4	6	5	11	6	4	6	13
July - -	7·9	8·1	8·0	2·975	·710	6th	22	0	0	0	0	17	1	7	2	1	1	7	10	11	15	8
August - -	7·1	7·0	7·1	5·650	1·060	10th	20	0	0	0	0	11	1	2	4	3	4	22	12	3	4	8
September -	7·2	6·2	6·7	3·350	·455	19th	20	0	0	1	3	11	2	8	3	2	4	7	11	11	6	8
October - -	7·3	6·8	7·1	3·415	·555	16th	25	0	4	0	0	12	6	3	7	1	3	13	9	7	9	10
November -	7·2	6·6	6·9	2·205	·555	16th	17	1	2	0	3	14	8	9	14	10	1	4	7	6	3	6
December -	7·2	7·9	7·6	8·505	**1·435**	**27th**	24	2	5	1	1	15	14	3	2	3	8	12	15	9	4	6
Year -	7·3	6·9	7·1	43·320	—	—	221	4	21	5	22	156	61	57	56	66	62	128	104	79	64	114

PART III.—ANNUAL SUMMARY of OBSERVATIONS taken at 9 a.m. and 9 p.m. each Day, at BRITISH STATIONS OF THE SECOND ORDER, 1893.

Stations. Name.	Height above Mean Sea Level.	Long.	Lat.	Mean Pressure at 32° Fahrenheit.	Air Temperature. 9 a.m.	9 p.m.	Mean.	Means of Min.	Means of Max.	Absolute Min.	Date.	Absolute Max.	Date.
	feet.	° ′	° ′	ins.	°	°	°	°	°	°		°	
Deerness	169	2 45 W.	58 56 N.	29·634	46·5	45·1	45·8	41·4	49·9	23·0	Dec. 1st	70·0	June 16th
Lairg	335	4 22 W.	58 1 N.	29·473	46·4	44·4	45·4	38·5	53·0	8·0	Jan. 6th	79·5	June 18th
Dunrobin Castle	12	3 56 W.	57 59 N.	29·836	47·4	46·4	46·9	41·3	52·8	17·5	Jan. 6th	78·9	June 18th
Gordon Castle	101	3 5 W.	57 37 N.	29·737	49·2	47·8	48·5	41·0	54·6	7·0	Jan. 6th	80·0	June 15th
Glencarron	489	5 14 W.	57 30 N.	29·306	47·0	45·6	46·3	39·9	53·0	14·0	Jan. 6th	78·7	July 8th
Aberdeen	46	2 6 W.	57 10 N.	29·768	47·2	46·1	46·7	41·7	52·1	12·5	Jan. 6th	76·5	Aug. 15th
Fort Augustus	68	4 40 W.	57 8 N.	29·786	46·9	47·1	47·0	41·1	54·5	2·1	Jan. 6th	81·0	July 8th
Braemar	1,111	3 24 W.	57 0 N.	28·665	44·7	43·9	44·3	37·5	51·5	−4·0	Jan. 6th	82·5	June 18th
Fort William	31	5 6 W.	56 48 N.	29·826	47·9	48·0	48·0	42·9	54·1	14·3	Jan. 6th	81·7	Aug. 9th
Lednathie	719	3 7 W.	56 45 N.	29·079	46·2	43·8	45·0	37·3	53·4	6·0	Jan. 5th	83·2	June 18th
Laudale	14	5 41 W.	56 41 N.	29·843	49·6	48·6	49·1	42·6	55·3	20·0	Jan. 2nd	79·8	Aug. 9th
Dundee	160	2 56 W.	56 28 N.	29·700	47·8	45·7	46·8	41·0	54·3	19·9	Jan. 6th	84·7	June 18th
Ochtertyre	329	3 53 W.	56 23 N.	29·515	48·0	46·4	47·2	39·8	56·4	16·0	Jan. 6th	90·0	June 18th
*Poltalloch	132	5 30 W.	56 8 N.	29·747	49·0	47·5	48·3	42·2	55·5	17·4	Jan. 3rd	81·3	Aug. 10th
Edinburgh	253	3 12 W.	55 57 N.	29·596	48·9	47·0	48·0	42·4	55·3	15·0	Jan. 6th	85·9	June 18th
Glasgow	180	4 18 W.	55 53 N.	29·696	48·1	47·3	47·7	42·9	54·3	16·6	Jan. 5th / Jan. 6th	80·1	Aug. 9th
Rosewell	690	3 7 W.	55 51 N.	29·148	47·7	44·8	46·3	38·3	54·4	12·0	Jan. 5th	84·5	June 18th
Rothesay	115	5 4 W.	55 50 N.	29·778	49·1	47·1	48·1	42·3	55·8	21·8	Jan. 2nd	83·0	Aug. 9th
Marchmont	498	2 25 W.	55 44 N.	29·359	46·8	44·6	45·7	39·8	54·4	15·0	Jan. 6th	84·0	June 18th
Ladylaw	447	2 47 W.	55 28 N.	29·409	47·8	45·9	46·9	39·4	54·9	6·5	Jan. 6th	82·3	June 18th
Wolfelee	587	2 39 W.	55 23 N.	—	—	—	—	—	—	8·0	Jan. 6th	—	—
Pinmore	187	4 49 W.	55 12 N.	29·712	49·2	46·4	47·8	40·6	56·1	16·0	Jan. 2nd	81·0	July 5th / Aug. 9th
Glenlee	203	4 12 W.	55 5 N.	29·696	49·3	46·5	47·9	40·2	56·1	10·0	Jan. 5th	81·0	June 18th / Aug. 9th
Cargen	72	3 37 W.	55 2 N.	29·827	49·4	48·3	48·9	41·3	56·6	15·4	Jan. 5th	83·0	June 18th
Seaham	148	1 19 W.	54 50 N.	29·730	49·8	46·8	48·3	41·9	54·7	16·5	Jan. 5th	84·5	Aug. 18th
Durham	336	1 35 W.	54 46 N.	29·533	49·2	46·4	47·8	40·6	56·2	11·3	Jan. 6th	86·4	Aug. 15th
Rounton, Yorks	249	1 18 W.	54 24 N.	29·657	48·7	45·9	47·3	39·9	55·7	1·3	Jan. 5th	84·3	July 8th
Aysgarth	646	1 58 W.	54 18 N.	29·217	48·6	45·7	47·2	40·4	55·2	7·2	Jan. 5th	84·2	Aug. 14th
Scarborough	159	0 23 W.	54 17 N.	29·744	49·3	47·9	48·6	42·4	54·7	10·0	Jan. 5th	90·5	Aug. 18th
Cronkbourne	137	4 29 W.	54 10 N.	29·784	51·3	48·4	49·9	43·6	55·4	22·8	Dec. 2nd	76·0	June 18th
York (Museum)	51	1 5 W.	53 57 N.	29·891	49·3	48·2	48·8	41·5	57·5	7·0	Jan. 5th	85·3	July 8th
Stonyhurst	375	2 28 W.	53 51 N.	29·555	49·1	47·7	48·4	42·7	54·8	18·4	Jan. 5th	81·6	June 18th
Wakefield	96	1 30 W.	53 41 N.	29·851	49·1	47·9	48·5	40·9	57·1	12·5	Jan.* 5th	86·4	Aug. 18th
Prestwich	294	2 17 W.	53 32 N.	29·602	50·0	48·0	49·0	42·5	56·7	17·9	Jan. 4th / Jan. 5th	84·1	June 18th
Liverpool	188	3 4 W.	53 24 N.	29·740	50·6	49·5	50·1	43·7	56·2	16·8	Jan. 5th	84·5	June 18th
Tealby	251	0 16 W.	53 24 N.	29·682	48·6	46·8	47·7	41·4	55·9	12·7	Jan. 3rd	91·3	Aug. 18th
Sheffield	429	1 29 W.	53 23 N.	29·478	50·1	48·3	49·2	42·5	56·5	18·1	Jan. 5th	86·4	Aug. 18th
Llandudno	88	3 50 W.	53 21 N.	29·844	51·9	50·6	51·2	45·9	56·9	25·0	Jan. 4th	82·4	Aug. 9th
Buxton	987	1 54 W.	53 14 N.	28·897	48·5	44·9	46·7	38·8	54·8	−0·4	Jan. 5th	83·0	Aug. 18th
Cheadle	646	1 57 W.	52 58 N.	29·275	47·5	46·8	47·2	41·5	55·6	17·9	Jan. 3rd	82·5	Aug. 18th
Hillington	88	0 33 E.	52 48 N.	29·866	49·8	46·6	48·2	40·8	57·9	8·0	Jan. 4th	90·4	July 8th
Uppingham	484	0 44 W.	52 35 N.	29·437	49·0	46·9	48·0	41·6	57·5	18·2	Jan. 2nd	90·2	Aug. 18th
Churchstoke	538	3 5 W.	52 31 N.	29·385	49·6	46·7	48·2	40·4	57·2	15·5	Jan. 5th	85·9	Aug. 15th
Geldeston (Beccles)	37	1 31 E.	52 28 N.	29·929	50·7	47·4	49·1	41·0	57·3	12·8	Jan. 4th	89·8	Aug. 18th
Bennington	407	0 5 W.	51 54 N.	29·564	49·9	47·7	48·8	41·6	58·2	17·5	Jan. 5th	90·9	Aug. 18th
Cheltenham	184	2 3 W.	51 54 N.	29·775	50·7	48·9	49·8	41·3	59·1	12·0	Jan. 3rd	87·0	Aug. 18th
St. David's	215	5 16 W.	51 53 N.	29·751	52·5	49·9	51·2	46·0	56·6	20·4	Jan. 2nd	81·3	Aug. 15th
Carmarthen	188	4 18 W.	51 52 N.	29·767	53·2	49·3	51·3	43·9	59·2	11·3	Jan. 2nd	84·9	June 17th
Berkhamsted	400	0 34 W.	51 46 N.	29·571	49·8	47·4	48·6	41·0	59·0	12·4	Jan. 5th	91·0	Aug. 18th
Kew	18	0 19 W.	51 28 N.	29·968	50·6	50·1	50·4	43·4	58·7	13·1	Jan. 5th	88·6	Aug. 17th
Margate	83	1 24 E.	51 24 N.	29·900	51·1	49·3	50·2	44·4	56·6	19·0	Jan. 4th	93·4	Aug. 18th
Southampton	78	1 24 W.	50 55 N.	29·923	53·1	50·1	51·6	43·9	60·3	17·6	Jan. 4th	91·2	June 19th
St. Leonards	171	0 33 E.	50 51 N.	29·819	52·4	49·4	50·9	44·8	57·4	18·9	Jan. 3rd	82·4	Aug. 18th
Eastbourne	39	0 17 E.	50 46 N.	29·972	51·7	50·8	51·3	46·3	56·8	21·4	Jan. 2nd	80·6	Aug. 18th
Parkstone	197	1 56 W.	50 43 N.	29·797	52·0	48·6	50·3	43·0	59·6	16·8	Jan. 3rd	87·9	June 19th
Rousdon	515	3 0 W.	50 43 N.	29·442	51·0	48·8	49·9	44·3	55·7	18·5	Jan. 3rd	79·4	June 19th
Plymouth	117	4 8 W.	50 22 N.	29·809	53·7	51·1	52·4	45·9	58·0	18·0	Jan. 3rd	84·5	June 19th
Falmouth	167	5 4 W.	50 9 N.	29·823	53·1	50·7	51·9	47·1	56·9	25·2	Jan. 2nd	80·1	June 19th
Londonderry	67	7 19 W.	55 0 N.	29·822	50·5	48·9	49·7	43·9	57·2	22·3	Jan. 4th	84·0	Aug. 15th
Lissan (Co. Tyrone)	300	6 45 W.	54 41 N.	29·614	48·7	47·6	48·2	41·4	55·7	20·0	Jan. 2nd	81·0	Aug. 16th
Armagh	196	6 39 W.	54 21 N.	29·706	50·3	47·6	49·0	42·2	55·9	20·5	Jan. 4th	79·0	Aug. 15th
Brookeborough	271	7 22 W.	54 21 N.	29·640	48·8	47·7	48·3	41·8	56·2	16·0	Jan. 3rd	81·0	Aug. 15th
Markree Castle	122	8 27 W.	54 11 N.	29·775	50·4	47·8	49·1	41·8	56·2	13·3	Jan. 3rd	80·2	Aug. 15th
Arley (Mount Nugent).	262	7 18 W.	53 50 N.	29·693	49·7	47·3	48·5	42·0	56·5	16·1	Jan. 3rd	82·5	Aug. 15th
Currygrane	267	7 39 W.	53 45 N.	29·614	49·1	47·0	48·1	41·3	—	16·0	Jan. 3rd	81·0	June 18th / Aug. 14th
Glasnevin	67	6 16 W.	53 23 N.	29·876	51·5	48·3	49·9	42·5	57·4	15·0	Jan. 3rd	80·6	Aug. 15th
Dublin (Phœnix Pk.)	155	6 21 W.	53 22 N.	29·787	50·9	47·8	49·4	41·7	57·0	13·6	Jan. 3rd	82·0	Aug. 15th
Dublin (City)	47	6 15 W.	53 20 N.	29·895	50·7	50·1	50·4	45·6	57·3	20·2	Jan. 3rd	79·8	Aug. 15th
Parsonstown	175	7 55 W.	53 6 N.	29·764	50·3	48·6	49·5	42·0	57·1	14·0	Jan. 3rd	82·7	Aug. 14th
Killarney	86	9 30 W.	52 4 N.	29·868	52·2	50·3	51·2	44·1	57·9	20·8	Dec. 2nd	81·0	June 18th
Valencia	30	10 15 W.	51 56 N.	29·928	52·5	51·7	52·1	47·3	56·9	27·3	Feb. 28th	78·9	June 18th

Name.	Humidity. Depression of Wet Bulb. 9 a.m.	9 p.m.	Mean.	Tension of Vapour. 9 a.m.	9 p.m.	Mean.	Percentage. 9 a.m.	9 p.m.	Mean.
	°	°	°	in.	in.	in.	%	%	%
Deerness	2·1	1·6	1·9	·278	·273	·276	84·8	87·2	86·0
Lairg	2·5	1·6	2·1	·268	·267	·268	82·6	88·5	85·6
Dunrobin Castle	2·6	2·3	2·5	·278	·273	·276	81·5	83·1	82·3
Gordon Castle	3·9	3·2	3·6	·268	·267	·268	74·3	77·8	76·1
Glencarron	2·6	2·1	2·4	·272	·266	·269	82·1	85·1	83·6
Aberdeen	3·0	2·6	2·8	·264	·260	·262	79·1	81·0	80·1
Fort Augustus	2·4	2·3	2·4	·276	·278	·277	83·5	84·0	83·8
Braemar	2·8	2·2	2·5	·250	·254	·252	80·6	83·7	82·2
Fort William	2·6	2·6	2·6	·281	·281	·281	82·3	81·8	82·1
Lednathie	3·0	2·2	2·6	·255	·245	·250	79·1	83·3	81·2
Laudale	2·8	2·5	2·7	·302	·294	·298	81·3	82·8	82·1
Dundee	2·0	1·3	1·7	·300	·289	·295	86·1	90·1	88·1
Ochtertyre	3·3	2·9	3·1	·268	·259	·264	78·1	79·3	78·7
*Poltalloch	2·8	2·1	2·5	·290	·286	·288	81·3	85·2	83·3
Edinburgh	3·2	2·5	2·9	·283	·276	·280	78·7	82·3	80·5
Glasgow	2·8	2·3	2·6	·284	·283	·284	81·0	83·5	82·3
Rosewell	2·5	1·6	2·1	·281	·270	·276	83·3	88·4	85·9
Rothesay	2·6	1·9	2·3	·293	·286	·290	81·9	86·3	84·1
Marchmont	2·6	1·6	2·1	·271	·267	·269	82·8	87·9	85·4
Ladylaw	3·0	2·1	2·6	·277	·275	·276	80·2	85·0	82·6
Wolfelee	—	—	—	—	—	—	—	—	—
Pinmore	2·5	1·5	2·0	·302	·289	·296	83·8	89·2	86·5
Glenlee	2·9	1·9	2·4	·293	·281	·287	81·6	86·6	84·1
Cargen	2·5	1·8	2·2	·303	·304	·304	84·0	87·8	85·9
Seaham	2·8	1·7	2·3	·304	·292	·298	81·7	87·4	84·6
Durham	3·0	1·9	2·5	·294	·284	·289	80·4	86·0	83·2
Rounton, Yorks	2·3	1·3	1·8	·300	·287	·293	84·3	89·8	87·1
Aysgarth	3·1	2·1	2·6	·283	·272	·278	79·3	84·1	81·7
Scarborough	2·0	1·7	1·9	·317	·305	·311	87·1	88·5	87·8
Cronkbourne	2·5	1·6	2·1	·327	·311	·319	83·6	88·9	86·3
York (Museum)	2·8	2·2	2·5	·294	·293	·294	81·7	84·7	83·2
Stonyhurst	2·9	2·3	2·6	·295	·289	·292	80·7	83·5	82·1
Wakefield	2·8	2·0	2·4	·293	·297	·295	81·3	85·8	83·6
Prestwich	2·4	1·5	2·0	·317	·312	·315	84·4	88·8	86·6
Liverpool	3·4	2·6	3·0	·300	·304	·302	78·7	82·5	80·6
Tealby	2·3	1·8	2·1	·304	·293	·299	84·8	87·7	86·3
Sheffield	2·7	1·8	2·3	·312	·312	·312	82·4	87·3	84·9
Llandudno	3·6	3·0	3·3	·304	·302	·303	76·8	79·8	78·3
Buxton	2·8	1·5	2·2	·285	·273	·279	80·9	88·0	84·5
Cheadle	2·4	2·1	2·2	·284	·281	·282	83·8	85·3	84·6
Hillington	3·0	1·8	2·4	·302	·290	·296	81·2	87·5	84·4
Uppingham	2·5	1·9	2·2	·305	·292	·299	83·5	86·3	84·9
Churchstoke	3·0	2·0	2·5	·298	·287	·293	80·7	86·0	83·4
Geldeston (Beccles)	3·1	1·8	2·5	·311	·300	·306	81·1	88·0	84·6
Bennington	3·6	2·8	3·2	·284	·274	·279	77·3	81·1	79·2
Cheltenham	3·0	2·3	2·7	·306	·301	·304	80·5	84·3	82·4
St. David's	2·7	1·8	2·3	·338	·327	·333	82·7	87·3	85·0
Carmarthen	4·1	2·2	3·2	·316	·311	·314	76·5	85·0	80·8
Berkhamsted	3·5	2·5	3·0	·286	·278	·282	78·3	82·8	80·6
Kew	3·7	3·4	3·6	·291	·291	·291	77·3	78·3	77·8
Margate	3·1	2·2	2·7	·315	·311	·313	80·7	85·0	82·9
Southampton	3·5	2·2	2·9	·332	·323	·328	79·8	85·5	82·7
St. Leonards	2·7	1·9	2·3	·343	·322	·333	84·0	87·8	85·9
Eastbourne	2·9	2·6	2·8	·325	·322	·324	80·8	82·9	81·9
Parkstone	3·6	2·0	2·8	·316	·309	·313	78·9	86·5	82·7
Rousdon	2·6	1·9	2·2	·320	·308	·314	82·8	86·3	84·6
Plymouth	3·1	2·1	2·6	·346	·335	·341	80·3	85·2	82·8
Falmouth	3·4	2·3	2·9	·325	·320	·323	78·8	84·7	81·8
Londonderry	2·8	2·0	2·4	·312	·310	·311	82·0	86·3	84·2
Lissan (Co. Tyrone)	2·2	1·8	2·0	·300	·295	·298	85·6	87·3	86·5
Armagh	2·5	1·6	2·1	·316	·306	·311	83·6	88·8	86·2
Brookeborough	2·1	1·7	1·9	·305	·299	·302	85·8	87·7	86·8
Markree Castle	2·5	1·5	2·0	·319	·310	·315	84·0	89·5	86·8
Arley (Mount Nugent).	2·0	1·3	1·7	·321	·309	·315	86·2	90·3	88·3
Currygrane	1·9	1·3	1·6	·323	·310	·317	87·7	90·6	89·2
Glasnevin	2·0	0·8	1·4	·346	·333	·340	87·2	94·1	90·7
Dublin (Phœnix Pk.)	3·1	2·1	2·6	·310	·296	·303	80·4	85·6	83·0
Dublin (City)	3·0	2·6	2·8	·306	·308	·307	80·5	82·3	81·4
Parsonstown	2·3	1·6	2·0	·325	·318	·322	84·8	88·8	86·8
Killarney	2·6	1·8	2·2	·332	·326	·329	83·0	87·1	85·1
Valencia	2·8	2·4	2·6	·336	·334	·335	82·4	84·5	83·5

* Formerly known as Calton Mor.

Amount of Cloud. 9 a.m.	9 p.m.	Mean.	Rainfall. Total.	Max.	Date.	Weather, No. of Days of Rain.	Snow.	Hail.	Thunder Storm.	Clear Sky.	Overcast.	Gale.	Wind, No. of Observations of N.	N.E.	E.	S.E.	S.	S.W.	W.	NW.	Calm.	Stations.
			ins.	ins.																		
7·1	6·3	6·7	39·300	1·550	Nov. 17th	177	30	11	10	27	136	106	95	30	45	105	89	98	132	104	32	Deerness.
7·9	7·2	7·6	41·740	1·140	Feb. 14th	258	13	0	2	28	198	14	81	43	75	102	14	70	126	121	98	Lairg.
—	—	—	33·300	1·630	Nov. 17th	185	19	1	2	—	—	—	19	49	213	15	2	31	293	108	0	Dunrobin Castle.
6·7	6·1	6·4	35·750	2·060	Aug. 5th	192	2	1	11	23	112	3	27	66	4	156	38	225	47	167	0	Gordon Castle.
7·6	7·3	7·5	109·930	3·940	Nov. 28th	267	16	0	3	23	214	1	84	31	192	0	5	3	394	0	21	Glencarron.
6·4	6·1	6·3	29·030	1·760	June 22nd	219	38	9	6	15	82	15	42	23	30	52	142	129	93	120	99	Aberdeen.
7·7	7·1	7·4	47·320	2·320	Oct. 24th	247	13	0	5	23	160	18	152	37	11	9	190	174	24	12	121	Fort Augustus.
6·8	6·5	6·7	30·450	1·260	Sept. 21st / Oct. 8th	217	44	4	10	19	88	13	30	107	33	24	53	367	39	77	0	Braemar.
7·9	7·3	7·6	82·601	3·260	Oct. 24th	237	23	5	15	18	199	—	—	—	—	—	—	—	—	—	—	Fort William.
6·0	5·3	5·7	32·760	1·830	Nov. 16th	197	46	4	15	28	115	57	45	42	38	110	36	82	169	166	42	Lednathie.
7·4	6·8	7·1	67·130	1·700	Feb. 9th	257	52	27	18	32	169	55	76	20	49	45	76	28	119	94	223	Laudale.
7·5	7·7	7·6	24·370	·880	July 8th	178	30	5	13	10	177	44	19	61	47	151	12	130	191	119	0	Dundee.
6·9	6·0	6·5	30·930	1·710	Nov. 17th	168	4	0	16	36	127	17	31	36	170	12	9	95	251	69	57	Ochtertyre.
—	—	—	58·880	1·860	July 9th	217	22	23	21	—	—	60	60	74	31	105	38	153	91	150	28	Poltalloch.*
7·1	5·5	6·3	23·820	1·000	June 22nd	179	26	9	13	49	150	4	22	24	51	16	13	91	197	48	268	Edinburgh.
7·3	6·6	7·0	33·833	1·698	Nov. 3rd	175	17	12	11	31	155	10	33	64	140	15	65	174	193	27	19	Glasgow.
6·3	5·3	5·8	29·390	1·920	June 23rd	196	28	8	6	55	97	19	24	82	43	32	8	157	278	106	0	Rosewell.
—	—	—	43·200	1·360	July 18th	230	14	5	18	—	—	9	18	62	88	30	58	94	175	87	118	Rothesay.
7·0	6·4	6·7	26·430	1·600	June 23rd	185	32	7	19	26	131	33	100	60	82	12	25	46	261	93	51	Marchmont.
5·3	4·4	4·9	26·835	·987	Dec. 13th	190	—	—	—	79	61	2	31	93	45	31	83	331	19	26	71	Ladylaw.
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Wolfelee.
7·4	6·9	7·2	47·300	1·120	Dec. 24th	196	15	10	10	26	172	23	45	1	20	11	79	45	63	37	429	Pinmore.
—	—	—	47·800	1·500	Dec. 24th	205	15	9	15	—	—	31	26	24	50	59	109	119	153	85	105	Glenlee.
4·6	4·3	4·5	37·450	1·290	Feb. 13th	175	9	3	21	48	32	7	87	76	118	26	37	128	158	100	0	Cargen.
7·2	6·5	6·9	19·205	1·270	July 8th	198	21	3	22	22	145	42	54	36	41	35	43	171	235	59	56	Seaham.
7·6	7·4	7·5	20·100	2·417	July 8th,	189	39	4	21	26	194	2	32	47	14	11	74	134	105	80	233	Durham.
6·5	5·9	6·2	20·530	1·050	July 2nd	161	24	4	24	44	122	7	57	41	21	38	133	198	47	83	112	Rounton, Yorks.
5·3	5·2	5·3	30·860	1·170	May 17th	187	37	8	15	62	84	18	36	80	57	12	22	113	165	110	135	Aysgarth.
5·4	—	—	22·140	1·040	July 8th	170	20	12	14	—	—	—	59	92	19	54	21	139	137	135	74	Scarborough.
6·4	6·1	6·3	34·883	1·078	Feb. 13th	199	20	22	15	37	120	45	74	44	78	75	40	101	139	140	39	Cronkbourne.
5·7	5·2	5·5	22·510	1·390	July 3rd	165	17	1	16	60	89	4	105	40	84	48	140	70	179	60	4	York (Museum).
7·8	6·5	7·2	50·637	1·936	Aug. 2nd	211	19	21	29	38	191	2	40	89	47	23	51	147	138	39	156	Stonyhurst.
7·2	6·6	6·9	21·540	1·230	May 17th	143	14	2	17	20	144	2	43	54	61	31	24	103	155	64	195	Wakefield.
7·4	5·6	6·5	31·880	·940	Nov. 25th	202	20	10	17	48	161	14	55	0	94	25	151	8	175	13	209	Prestwich.
5·8	6·2	6·0	24·537	1·402	July 8th	181	13	7	14	45	107	15	33	41	81	123	55	117	185	72	23	Liverpool.
5·8	4·8	5·3	19·278	1·180	July 8th	128	24	11	20	85	108	13	37	78	76	26	37	108	97	44	227	Tealby.
6·6	5·8	6·2	25·753	2·100	May 17th	172	19	3	15	2	72	4	63	89	34	62	68	163	111	79	61	Sheffield.
5·6	4·0	4·8	26·595	1·210	July 8th	173	11	3	1	87	74	22	32	66	75	13	13	226	161	144	0	Llandudno.
6·3	5·2	5·8	42·205	1·350	May 17th	191	35	6	11	63	113	4	15	45	74	45	51	136	138	83	143	Buxton.
6·4	5·1	5·7	27·370	1·970	July 3rd	181	23	9	21	70	120	15	54	35	120	49	76	81	126	124	65	Cheadle.
6·4	5·3	5·9	22·438	1·190	July 10th	172	25	5	25	57	120	10	31	113	57	81	53	212	75	108	0	Hillington.
6·7	5·3	6·0	17·850	·959	Sept. 8th	156	28	9	22	53	130	12	75	70	40	23	85	150	112	96	79	Uppingham.
6·9	5·5	6·2	25·745	·876	Dec. 12th	178	18	3	12	54	137	1	38	35	58	74	34	115	195	118	63	Churchstoke.
6·6	5·4	6·0	18·090	·890	May 21st	177	23	11	19	57	130	5	67	73	93	42	60	132	205	48	10	Geldeston (Beccles).
6·5	5·1	5·8	21·540	1·290	Oct. 9th	159	30	16	23	73	129	1	42	59	66	63	93	158	140	8	101	Bennington.
6·1	5·1	5·6	19·910	·800	Dec. 12th	169	15	4	12	65	109	10	38	28	21	59	91	152	107	68	166	Cheltenham.
6·7	5·5	6·1	26·346	1·004	Feb. 25th	176	9	18	8	37	97	12	49	103	60	66	51	139	98	141	23	St. David's.
6·1	5·0	5·6	40·980	1·400	Oct. 7th	177	8	20	9	73	115	10	78	20	93	32	46	124	103	42	192	Carmarthen.
6·5	4·9	5·7	23·936	1·624	Oct. 9th	163	25	12	16	72	108	1	47	62	56	52	67	105	149	67	125	Berkhamsted.
6·3	5·9	6·1	19·512	1·205	Oct. 9th	207	13	5	17	50	126	6	59	79	76	20	52	160	91	39	154	Kew.
6·7	4·8	5·8	20·560	1·320	Feb. 21st	157	9	1	10	58	118	7	81	112	75	30	52	152	151	33	44	Margate.
6·6	4·8	5·7	23·486	1·008	July 13th	146	15	1	10	76	128	7	43	121	45	72	42	190	76	113	28	Southampton.
5·9	4·8	5·4	27·190	1·290	July 16th	150	15	2	10	82	111	28	67	123	96	49	49	103	144	79	20	St. Leonards.
5·9	4·1	5·0	29·310	1·970	July 16th	153	8	4	16	86	89	22	87	71	62	25	35	131	156	88	75	Eastbourne.
6·5	5·0	5·8	28·790	1·430	July 15th	145	10	5	12	74	132	47	67	123	58	20	42	123	138	83	76	Parkstone.
5·8	5·3	5·6	26·520	1·330	July 15th	156	14	2	13	72	104	17	98	96	61	55	23	105	81	193	18	Rousdon.
6·3	4·8	5·6	30·939	1·330	July 4th	167	2	8	8	65	109	—	96	68	105	59	51	94	109	112	36	Plymouth.
5·8	4·5	5·2	35·090	1·400	Oct. 6th	162	3	11	4	72	84	22	103	53	72	46	63	100	104	94	95	Falmouth.
7·9	6·6	7·3	38·890	1·120	July 9th	244	17	10	9	27	180	5	24	53	51	53	34	204	93	151	67	Londonderry.
—	—	—	38·890	1·420	Aug. 7th	231	3	0	17	—	—	5	90	56	30	52	73	94	141	194	0	Lissan (Co. Tyrone).
7·7	7·2	7·5	24·280	·812	Aug. 20th	194	14	6	9	21	189	1	55	65	35	49	116	237	68	57	48	Armagh.
8·5	7·5	8·0	38·575	1·760	Feb. 7th	202	15	3	12	19	226	5	41	69	0	37	34	206	19	92	232	Brookeborough.
8·8	8·7	8·8	36·200	·890	Aug. 6th	241	6	8	12	0	267	3	74	37	34	116	133	96	50	62	128	Markree Castle.
7·8	6·4	7·1	28·640	·720	Oct. 14th	220	20	11	18	21	177	7	32	20	67	26	61	97	149	27	251	Arley (Mount Nugent).
5·5	5·0	5·3	31·110	1·140	July 12th	181	7	1	6	33	38	4	68	64	48	77	91	205	96	81	0	Currygrane.
6·2	4·6	5·4	23·750	1·020	May 20th	151	11	5	6	44	57	0	3	46	7	122	5	257	31	72	187	Glasnevin.
5·7	4·9	5·3	22·440	1·120	July 12th	207	14	4	6	57	61	1	23	15	42	32	22	90	161	48	297	Dublin (Phœnix Park).
6·0	5·4	5·7	20·493	·871	July 12th	174	17	21	10	50	81	24	50	50	86	47	50	99	215	96	37	Dublin (City).
7·2	6·8	7·0	30·054	1·245	June 9th	164	13	10	7	22	146	0	6	39	2	121	27	208	24	63	240	Parsonstown.
6·8	6·2	6·5	41·892	1·560	July 8th	216	2	7	7	34	136	23	90	46	79	36	30	100	140	78	131	Killarney.
7·3	6·9	7·1	43·320	1·435	Dec. 27th	221	4	21	5	22	156	61	57	56	66	62	128	104	79	64	114	Valencia.

* Formerly known as Calton Mor.

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.

1893.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.		1893.
	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	Hours.	%	
Deerness	30	14	64	25	104	29	160	37	158	31	159	29	121	22	134	29	112	30	63	20	31	14	13	7	Deerness.
Aberdeen	40	18	71	27	179	49	164	39	153	30	173	33	120	23	164	35	143	38	119	38	47	20	37	18	Aberdeen.
Fort Augustus	11	5	35	14	63	17	124	29	85	17	135	26	70	13	83	18	87	23	30	10	10	4	4	2	Fort Augustus.
Braemar*	20	9	53	20	168	46	173	41	160	32	186	35	146	28	158	34	113	30	85	27	22	9	18	9	Braemar.*
Fort William	25	11	54	21	107	30	174	41	128	25	174	33	110	21	93	20	108	29	45	14	31	13	6	3	Fort William.
Dundee	51	22	51	19	181	50	148	35	139	28	183	35	132	25	134	29	115	31	120	38	66	28	44	21	Dundee.
Edinburgh	30	13	63	24	137	38	165	39	138	28	185	36	114	22	178	39	114	30	121	38	36	15	34	16	Edinburgh.
Glasgow	32	14	52	20	103	28	180	43	139	28	215	42	150	29	153	33	111	29	79	25	51	21	19	9	Glasgow.
Marchmont	28	12	65	25	160	44	188	45	160	32	222	43	163	31	198	43	118	31	121	38	45	19	41	20	Marchmont.
Durham	64	27	73	27	166	46	173	41	160	32	194	38	136	27	195	43	140	37	151	47	52	21	52	24	Durham.
Cronkbourne	56	23	60	23	175	48	245	59	189	39	263	52	212	42	201	44	173	46	127	40	63	25	43	19	Cronkbourne.
York	21	9	57	21	153	42	240	57	198	40	197	39	172	34	199	44	145	39	136	42	44	18	33	15	York.
Stonyhurst	38	16	47	18	162	45	224	54	177	36	207	41	173	34	193	42	145	39	111	34	55	22	30	13	Stonyhurst.
Llandudno	47	19	56	21	155	43	207	50	182	37	264	53	182	36	203	45	? 110	?29	98	30	40	16	41	18	Llandudno.
Buxton*	23	9	54	20	159	44	228	55	189	39	211	42	169	34	206	46	138	37	112	35	29	11	37	16	Buxton.*
Hillington	39	16	62	23	169	46	244	59	221	46	230	46	191	38	212	47	151	40	130	40	54	21	57	25	Hillington.
Churchstoke	48	19	65	24	198	54	221	53	208	43	227	46	172	34	216	48	151	40	111	35	29	12	43	19	Churchstoke.
Geldeston	41	16	71	26	193	53	234	57	236	49	244	50	213	43	202	45	153	41	123	38	68	26	55	23	Geldeston.
Bennington*	50	20	73	27	225	62	290	70	260	54	240	49	213	43	239	54	171	46	158	49	61	24	70	30	Bennington.*
St. David's, Pembroke†	62	25	62	23	174	48	250	61	224	47	272	55	213	43	211	47	162	43	98	30	68	27	54	23	St. David's, Pembroke.†
Berkhamsted	36	14	56	21	192	53	249	60	210	44	217	44	179	36	223	50	154	41	140	43	51	20	55	24	Berkhamsted.
Kew	23	8	64	23	158	43	234	57	208	43	208	42	177	36	224	50	154	41	137	42	43	16	55	23	Kew.
Margate	28	11	74	27	196	54	209	51	225	47	209	43	191	39	228	52	139	37	128	39	59	23	81	34	Margate.
Southampton	35	14	75	27	209	57	277	67	256	54	229	47	206	42	236	53	170	45	127	39	62	24	60	25	Southampton.
St. Leonards	40	16	78	28	208	57	282	69	241	50	281	57	227	46	263	59	158	42	126	39	65	25	57	24	St. Leonards.
Eastbourne	39	15	72	26	213	58	274	67	218	46	263	54	204	42	247	56	145	39	126	39	62	24	65	27	Eastbourne.
Rousdon	79	31	82	30	204	56	275	67	222	47	270	55	185	38	215	48	171	46	134	41	87	33	84	35	Rousdon.
Plymouth	52	20	60	21	208	57	276	67	233	49	308	64	192	40	213	48	161	43	101	31	77	29	65	27	Plymouth.
Falmouth	56	21	82	30	209	57	270	66	254	54	314	65	224	46	230	52	181	49	117	36	77	29	76	31	Falmouth.
Armagh	36	15	71	27	121	33	182	44	126	26	191	38	184	36	169	37	133	36	106	33	65	26	53	24	Armagh.
Markree Castle	36	15	68	26	88	24	164	39	126	26	215	43	153	30	148	33	125	34	90	28	62	25	44	20	Markree Castle.
Arley (Mount Nugent)	42	17	62	23	117	32	173	41	127	26	180	36	174	34	174	38	121	32	91	28	72	29	50	23	Arley (Mount Nugent).
Dublin (Phœnix Park)	49	20	74	27	158	43	236	57	175	36	218	44	190	38	225	50	174	46	115	36	52	20	72	32	Dublin (Phœnix Park).
Parsonstown	40	16	67	25	123	34	190	46	127	26	159	32	122	24	163	36	134	36	102	32	50	20	53	23	Parsonstown.
Valencia	45	18	59	22	113	31	209	51	182	38	227	46	151	30	166	37	148	39	107	33	73	28	50	21	Valencia.

* At Braemar, Buxton, and Bennington, Jordan's Photographic Recorders are in use. At all the other Stations, Stokes', or some other form of Burning Recorder, is employed.

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